

Data Path : Z:\HPCHEM1\BNA F\DATA\BF070516\
 Data File : BF088709.D
 Acq On : 5 Jul 2016 18:12
 Operator : UM/SJ
 Sample : PB91727BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB91727BS

Quant Time: Jul 06 01:56:21 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF063016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 06 01:47:10 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	104561	20.00	ng	0.00
21) Naphthalene-d8	8.06	136	419827	20.00	ng	-0.01
38) Acenaphthene-d10	9.82	164	210826	20.00	ng	0.00
63) Phenanthrene-d10	11.29	188	402616	20.00	ng	0.00
75) Chrysene-d12	13.92	240	260187	20.00	ng	0.00
86) Perylene-d12	15.30	264	206201	20.00	ng	0.00

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System Monitoring Compounds

5) 2-Fluorophenol	5.38	112	725487	103.99	ng	0.01
7) Phenol-d6	6.42	99	975418	108.20	ng	0.01
23) Nitrobenzene-d5	7.35	82	713672	89.08	ng	0.00
41) 2,4,6-Tribromophenol	10.61	330	279637	142.84	ng	0.00
44) 2-Fluorobiphenyl	9.14	172	1162858	87.13	ng	0.00
78) Terphenyl-d14	12.87	244	966217	82.71	ng	0.00

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Target Compounds

						Qvalue
3) Pyridine	3.08	79	296953	29.59	ng	90
4) n-Nitrosodimethylamine	3.04	42	123132	32.11	ng	86
6) Aniline	6.43	93	329488	25.08	ng	# 1
8) 2-Chlorophenol	6.56	128	282864	37.72	ng	96
9) Benzaldehyde	6.32	77	243315	39.85	ng	88
10) Phenol	6.43	94	409361	39.79	ng	# 67
11) bis(2-Chloroethyl)ether	6.51	93	258451	33.69	ng	95
12) 1,3-Dichlorobenzene	6.72	146	311733	37.78	ng	97
13) 1,4-Dichlorobenzene	6.80	146	303168	37.02	ng	96
14) 1,2-Dichlorobenzene	6.95	146	288640m	37.65	ng	
15) Benzyl Alcohol	6.92	79	290098	43.72	ng	94
16) 2,2'-oxybis(1-Chloropropan	7.06	45	347913	31.31	ng	90
17) 2-Methylphenol	7.04	107	242856	39.70	ng	97
18) Hexachloroethane	7.29	117	120090	37.91	ng	90
19) n-Nitroso-di-n-propylamine	7.20	70	207834	34.32	ng	92
20) 3+4-Methylphenols	7.20	107	331488	45.15	ng	89
22) Acetophenone	7.19	105	413049	40.54	ng	# 88
24) Nitrobenzene	7.36	77	301744	37.36	ng	# 83
25) Isophorone	7.61	82	626545	42.22	ng	98
26) 2-Nitrophenol	7.68	139	167264	50.50	ng	93
27) 2,4-Dimethylphenol	7.72	122	295419	42.82	ng	90
28) bis(2-Chloroethoxy)methane	7.82	93	371665	38.49	ng	# 94
29) 2,4-Dichlorophenol	7.92	162	237039	42.51	ng	96
30) 1,2,4-Trichlorobenzene	8.01	180	254774	41.64	ng	96
31) Naphthalene	8.08	128	845731	40.86	ng	99
32) Benzoic acid	7.79	122	20198	4.03	ng	88
33) 4-Chloroaniline	8.14	127	176396	19.16	ng	# 93
34) Hexachlorobutadiene	8.20	225	136165	41.56	ng	98
35) Caprolactam	8.50	113	84512m	44.63	ng	
36) 4-Chloro-3-methylphenol	8.62	107	294492	44.67	ng	91
37) 2-Methylnaphthalene	8.78	142	597188	44.81	ng	# 95
39) 1,2,4,5-Tetrachlorobenzene	8.95	216	230637	32.89	ng	# 1
40) Hexachlorocyclopentadiene	8.94	237	273777	79.55	ng	99
42) 2,4,6-Trichlorophenol	9.05	196	178457	38.60	ng	96

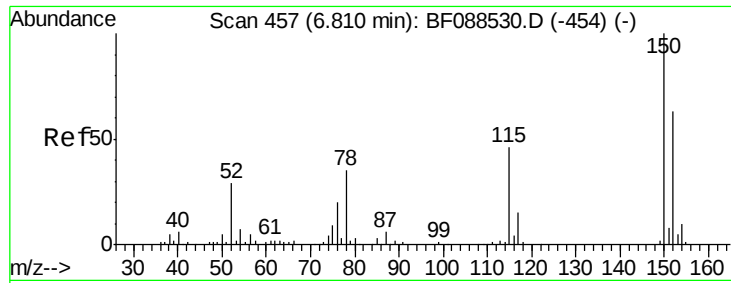
Data Path : Z:\HPCHEM1\BNA F\DATA\BF070516\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	9.10	196	193707	48.70	nq	98
45) 1,1'-Biphenyl	9.24	154	675398	38.69	nq	96
46) 2-Chloronaphthalene	9.26	162	536841	39.17	nq	96
47) 2-Nitroaniline	9.36	65	208642	42.90	nq	86
48) Acenaphthylene	9.68	152	916656	42.04	nq	99
49) Dimethylphthalate	9.54	163	613559	40.85	nq	99
50) 2,6-Dinitrotoluene	9.60	165	134354	40.36	nq	# 47
51) Acenaphthene	9.85	154	565888	42.34	nq	99
52) 3-Nitroaniline	9.76	138	95820	22.64	nq	82
53) 2,4-Dinitrophenol	9.87	184	44060	29.98	nq	# 76
54) Dibenzofuran	10.02	168	798352	45.63	nq	95
55) 4-Nitrophenol	9.94	139	283947	88.30	nq	# 83
56) 2,4-Dinitrotoluene	10.00	165	192493	44.23	nq	# 42
57) Fluorene	10.36	166	570908	42.34	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.14	232	147296	47.86	nq	# 48
59) Diethylphthalate	10.24	149	620089	41.14	nq	97
60) 4-Chlorophenyl-phenylether	10.35	204	257465	41.10	nq	95
61) 4-Nitroaniline	10.38	138	153933	37.80	nq	83
62) Azobenzene	10.51	77	778963	45.30	nq	96
64) 4,6-Dinitro-2-methylphenol	10.41	198	58854	27.33	nq	# 76
65) n-Nitrosodiphenylamine	10.48	169	549862	40.35	nq	100
66) 4-Bromophenyl-phenylether	10.85	248	175426	43.24	nq	94
67) Hexachlorobenzene	10.90	284	169024	37.63	nq	96
68) Atrazine	11.01	200	179506	42.28	nq	93
69) Pentachlorophenol	11.10	266	144580	54.39	nq	97
70) Phenanthrene	11.31	178	820341	37.27	nq	99
71) Anthracene	11.37	178	930192	42.51	nq	98
72) Carbazole	11.52	167	802241	38.95	nq	99
73) Di-n-butylphthalate	11.86	149	1072602	44.77	nq	99
74) Fluoranthene	12.49	202	825320	36.99	nq	97
76) Benzidine	12.62	184	567418	43.15	nq	98
77) Pyrene	12.72	202	790213	35.82	nq	100
79) Butylbenzylphthalate	13.35	149	413155	41.99	nq	# 81
80) Benzo(a)anthracene	13.91	228	692675	41.34	nq	100
81) 3,3'-Dichlorobenzidine	13.87	252	122598	19.46	nq	98
82) Chrysene	13.94	228	680077	41.03	nq	99
83) Bis(2-ethylhexyl)phthalate	13.91	149	487801	43.42	nq	99
84) Di-n-octyl phthalate	14.51	149	778069	40.77	nq	# 100
85) Indeno(1,2,3-cd)pyrene	16.64	276	561980	44.07	nq	# 100
87) Benzo(b)fluoranthene	14.91	252	561058m	43.37	nq	
88) Benzo(k)fluoranthene	14.94	252	475020m	42.18	nq	
89) Benzo(a)pyrene	15.25	252	473966	43.28	nq	98
90) Dibenzo(a,h)anthracene	16.65	278	458793	50.17	nq	99
91) Benzo(g,h,i)perylene	17.04	276	480218	50.74	nq	96

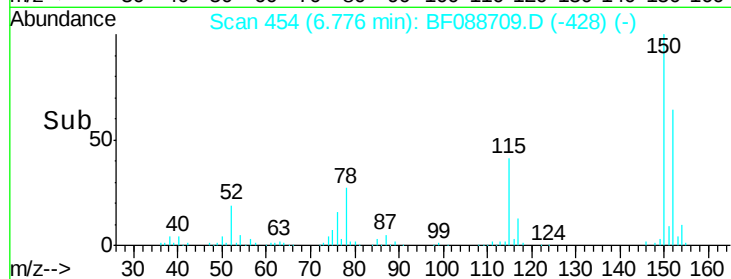
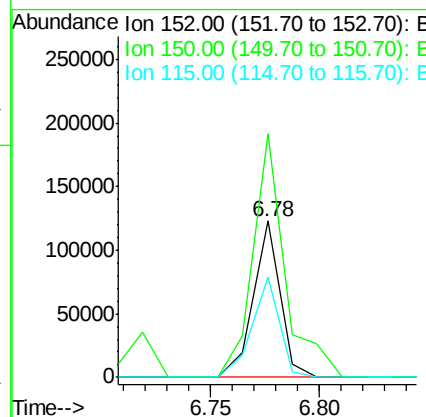
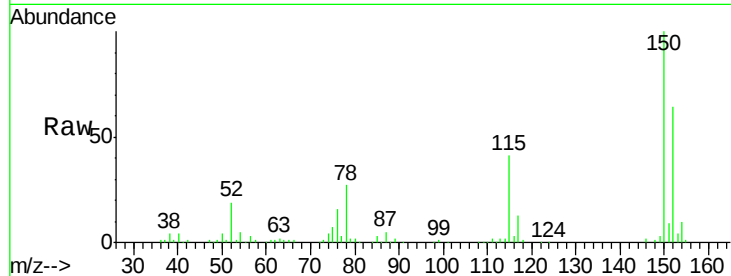
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.78 min Scan# 454
 Delta R.T. 0.00 min
 Lab File: BF088709.D
 Acq: 5 Jul 2016 18:12

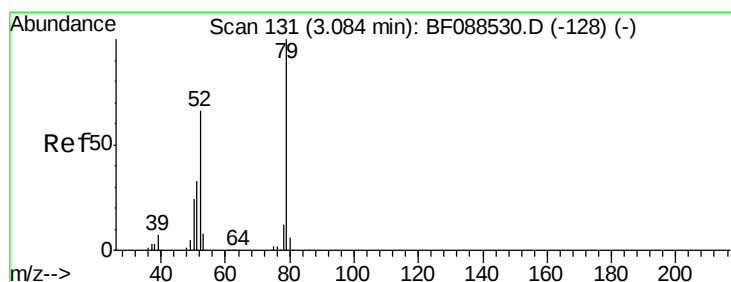
Instrument :
 BNA_F
 ClientSampleId :
 PB91727BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.8	123.8	185.6
115	63.8	39.6	59.4



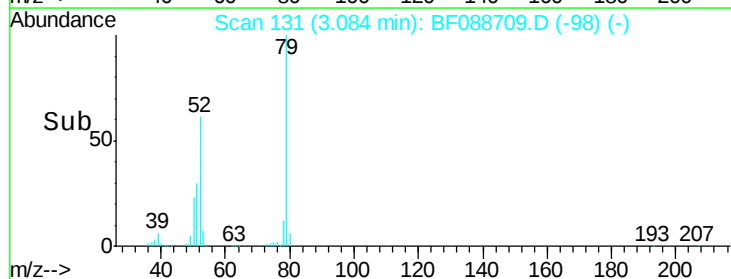
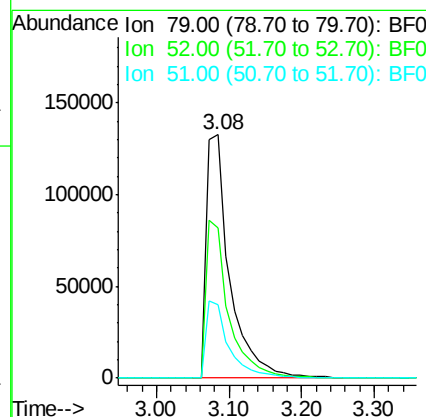
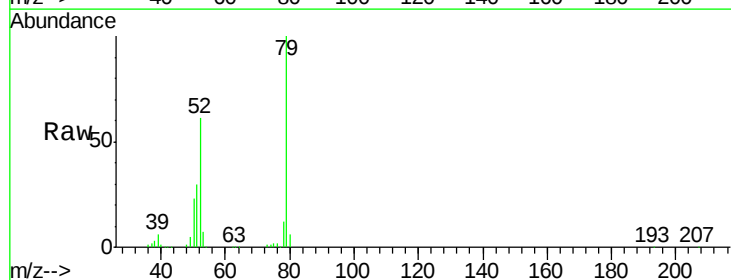
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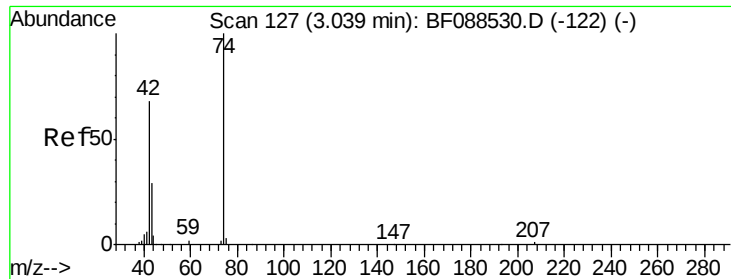
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#3
 Pyridine
 Concen: 29.59 ng
 RT: 3.08 min Scan# 131
 Delta R.T. 0.08 min
 Lab File: BF088709.D
 Acq: 5 Jul 2016 18:12

Tgt Ion	Ratio	Lower	Upper
79	100		
52	61.4	56.3	84.5
51	30.3	27.4	41.2



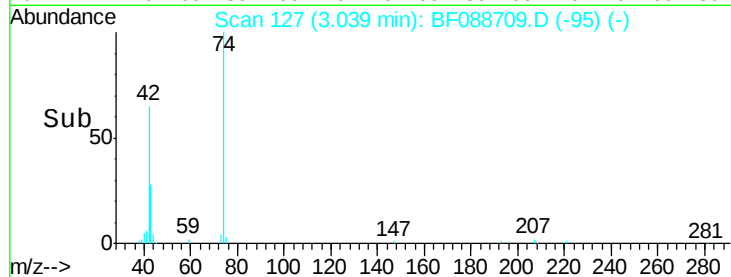
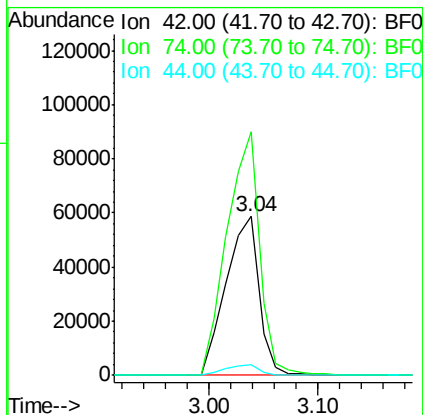
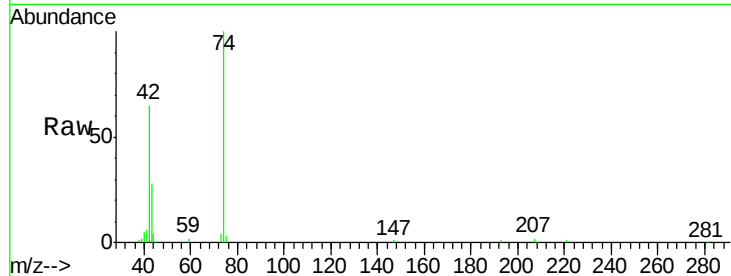


#4

n-Nitrosodimethylamine
 Concen: 32.11 ng
 RT: 3.04 min Scan# 127
 Delta R.T. 0.07 min
 Lab File: BF088709.D
 Acq: 5 Jul 2016 18:12

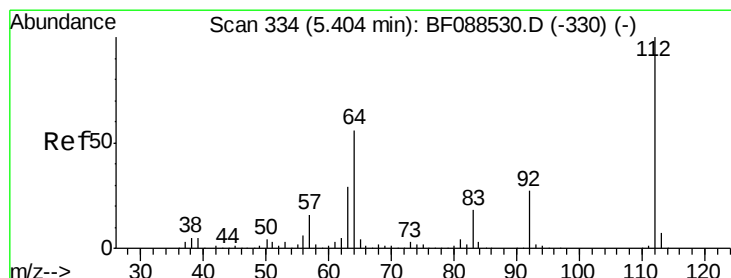
Instrument :
 BNA_F
 ClientSampleId :
 PB91727BS

Tot Ion	Ratio	Lower	Upper
42	100		
74	153.4	108.6	163.0
44	6.6	5.5	8.3



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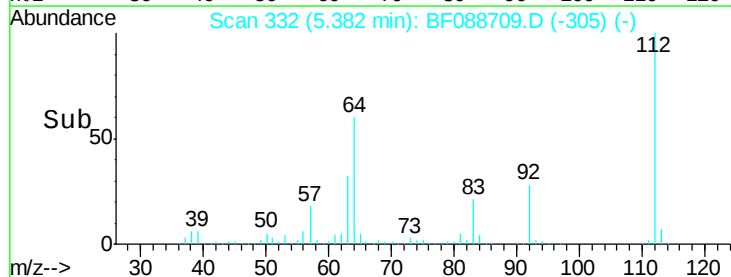
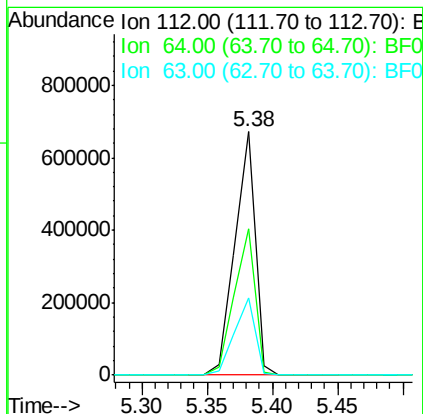
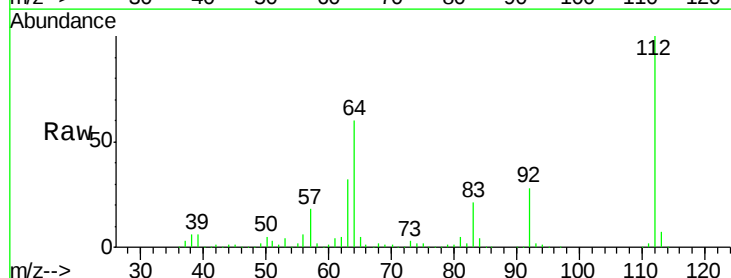
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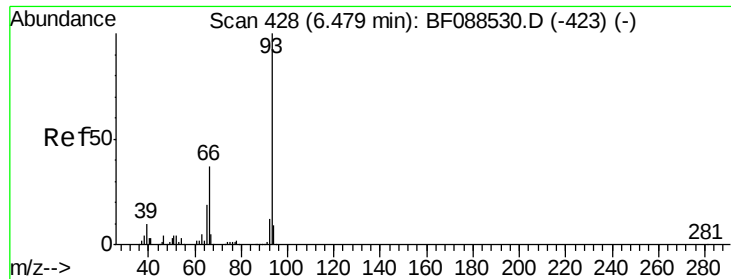


#5

2-Fluorophenol
 Concen: 103.99 ng
 RT: 5.38 min Scan# 332
 Delta R.T. 0.01 min
 Lab File: BF088709.D
 Acq: 5 Jul 2016 18:12

Tgt Ion	Ratio	Lower	Upper
112	100		
64	60.1	42.2	63.2
63	31.8	21.8	32.8





#6

Aniline

Concen: 25.08 ng

RT: 6.43 min Scan# 424

Delta R.T. 0.00 min

Lab File: BF088709.D

Acq: 5 Jul 2016 18:12

Instrument :

BNA_F

ClientSampleId :

PB91727BS

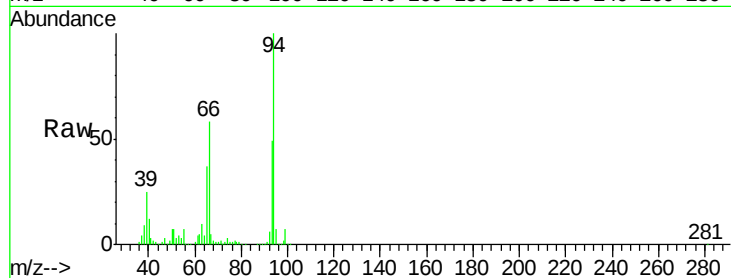
Tot Ion: 93 Resp: 329488

Ion Ratio Lower Upper

93 100

66 118.0 29.8 44.8#

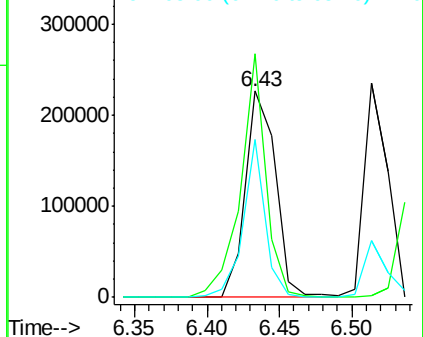
65 76.6 14.9 22.3#



Abundance Ion 93.00 (92.70 to 93.70): BF0

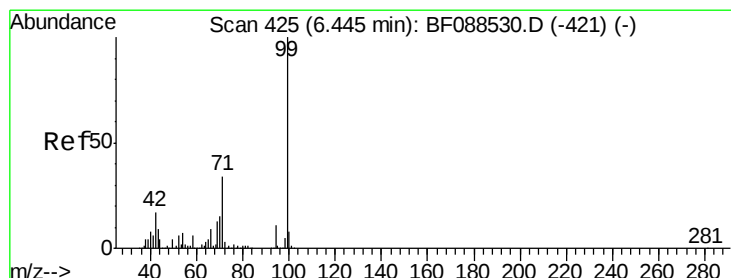
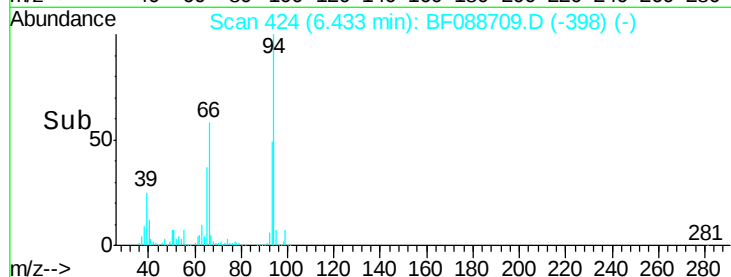
Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0



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#7

Phenol-d6

Concen: 108.20 ng

RT: 6.42 min Scan# 423

Delta R.T. 0.01 min

Lab File: BF088709.D

Acq: 5 Jul 2016 18:12

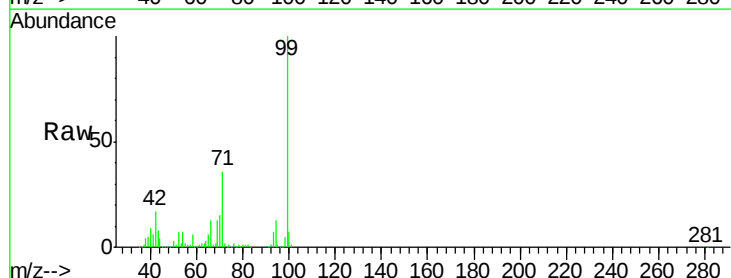
Tgt Ion: 99 Resp: 975418

Ion Ratio Lower Upper

99 100

42 16.8 12.2 18.2

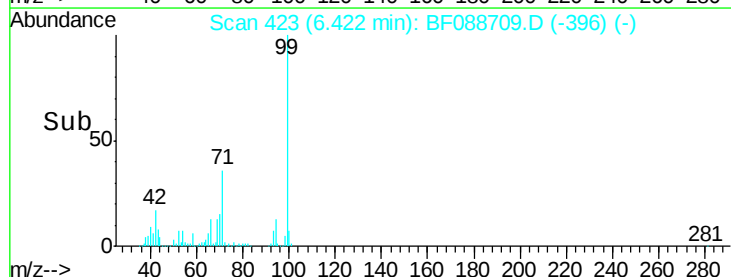
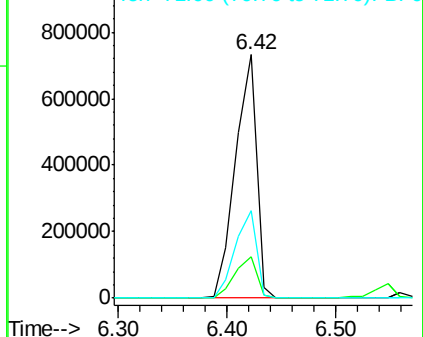
71 36.2 23.4 35.0#

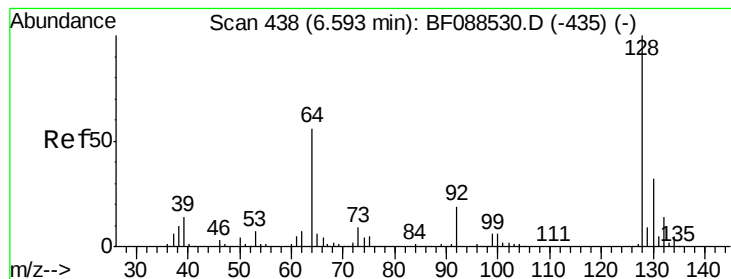


Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0





#8

2-Chlorophenol

Concen: 37.72 ng

RT: 6.56 min Scan# 435

Delta R.T. 0.00 min

Lab File: BF088709.D

Acq: 5 Jul 2016 18:12

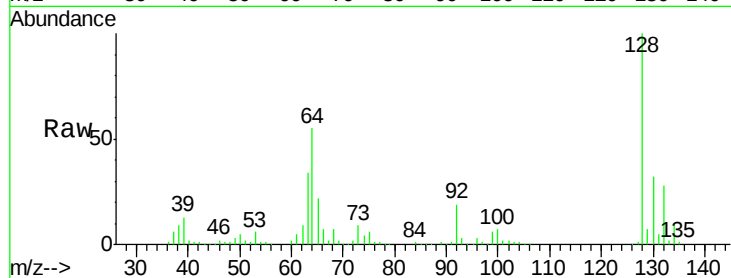
Instrument :

BNA_F

ClientSampleId :

PB91727BS

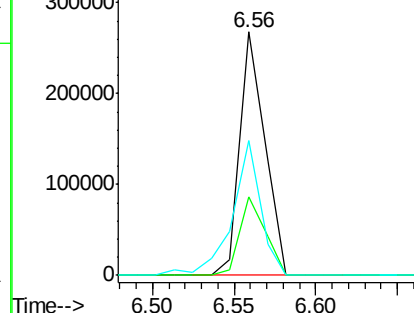
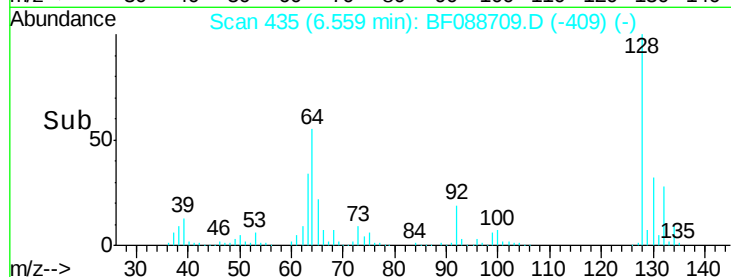
Tot Ion:	128	Resp:	282864
Ion	Ratio	Lower	Upper
128	100		
130	32.0	12.0	52.0
64	55.1	30.8	70.8



Abundance Ion 128.00 (127.70 to 128.70): B

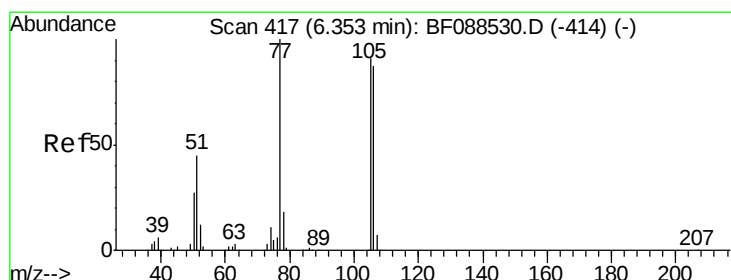
Ion 130.00 (129.70 to 130.70): B

Ion 64.00 (63.70 to 64.70): B



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#9

Benzaldehyde

Concen: 39.85 ng

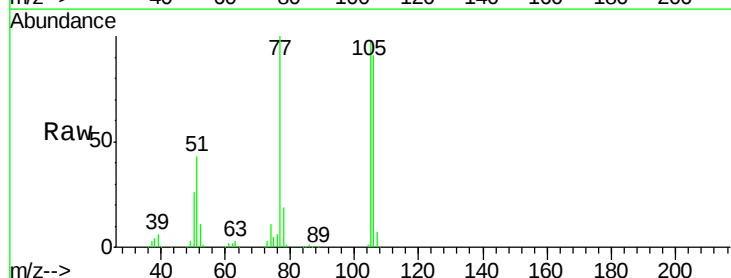
RT: 6.32 min Scan# 414

Delta R.T. 0.00 min

Lab File: BF088709.D

Acq: 5 Jul 2016 18:12

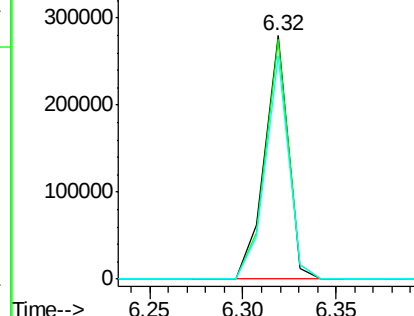
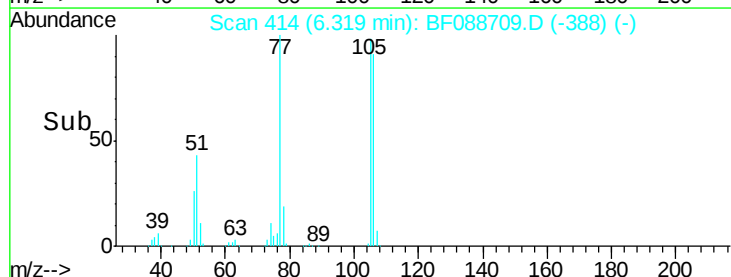
Tgt Ion:	77	Resp:	243315
Ion	Ratio	Lower	Upper
77	100		
105	98.4	90.6	130.6
106	91.5	85.3	125.3

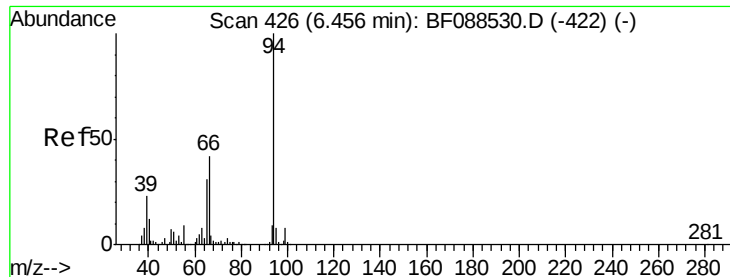


Abundance Ion 77.00 (76.70 to 77.70): B

Ion 105.00 (104.70 to 105.70): B

Ion 106.00 (105.70 to 106.70): B





#10

Phenol

Concen: 39.79 ng

RT: 6.43 min Scan# 424

Delta R.T. 0.00 min

Lab File: BF088709.D

Acq: 5 Jul 2016 18:12

Instrument :

BNA_F

ClientSampleId :

PB91727BS

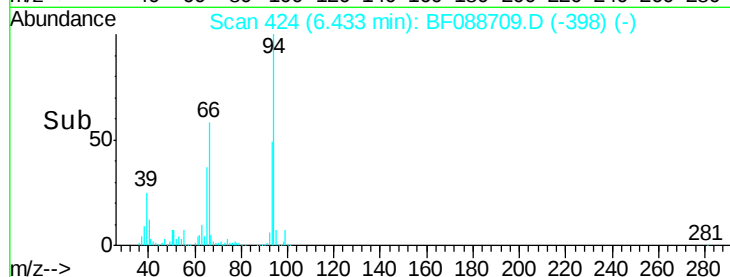
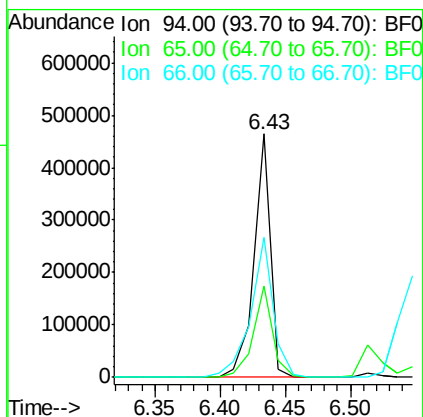
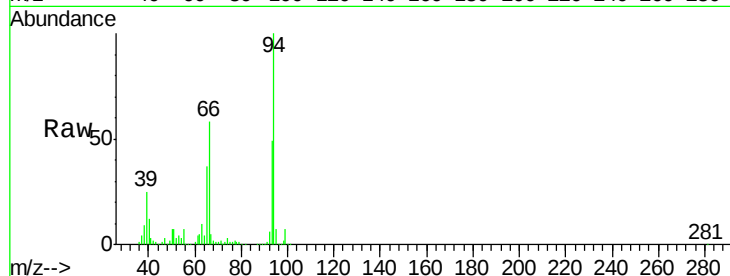
Tot Ion: 94 Resp: 409361

Ion Ratio Lower Upper

94 100

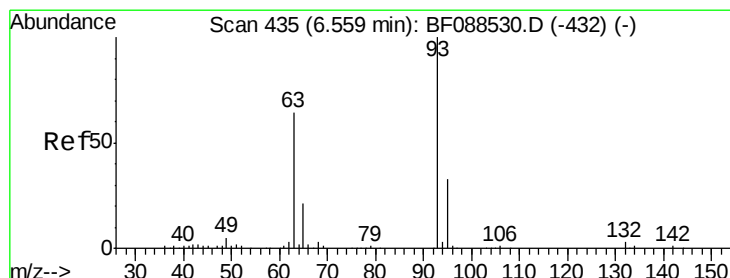
65 37.3 5.9 45.9

66 57.6 14.0 54.0#



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#11

bis(2-Chloroethyl)ether

Concen: 33.69 ng

RT: 6.51 min Scan# 431

Delta R.T. 0.00 min

Lab File: BF088709.D

Acq: 5 Jul 2016 18:12

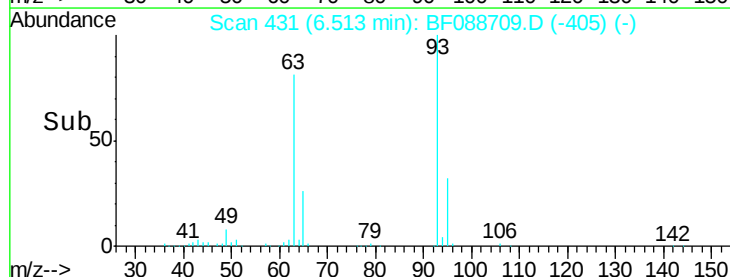
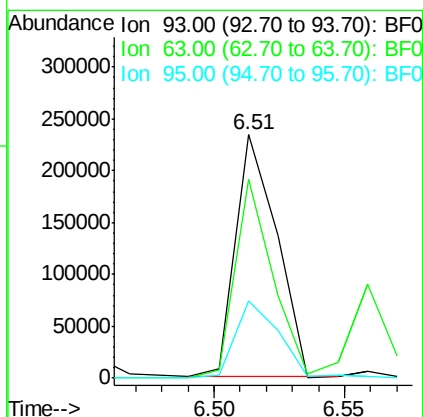
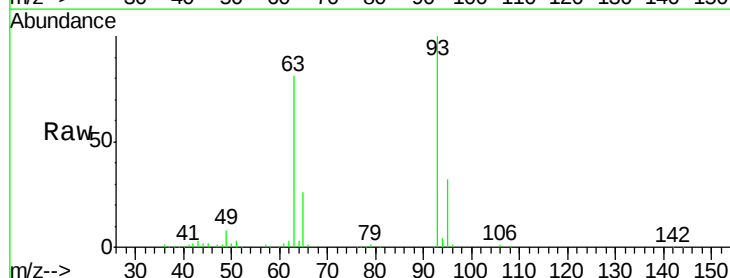
Tgt Ion: 93 Resp: 258451

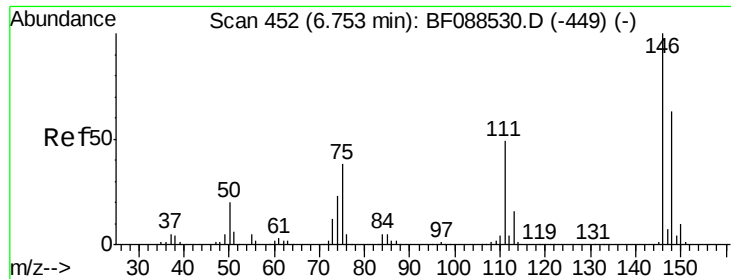
Ion Ratio Lower Upper

93 100

63 81.4 67.6 107.6

95 31.6 12.5 52.5





#12

1,3-Dichlorobenzene

Concen: 37.78 ng

RT: 6.72 min Scan# 449

Delta R.T. 0.00 min

Lab File: BF088709.D

Acq: 5 Jul 2016 18:12

Instrument :

BNA_F

ClientSampleId :

PB91727BS

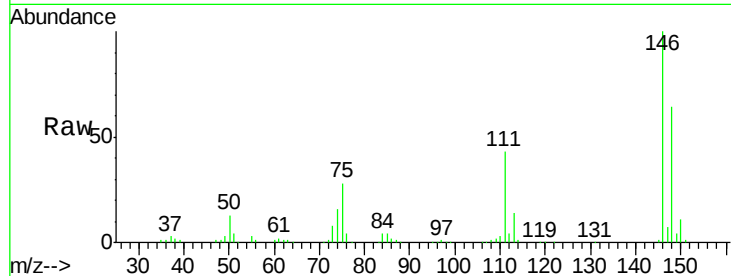
Tot Ion:146 Resp: 311733

Ion Ratio Lower Upper

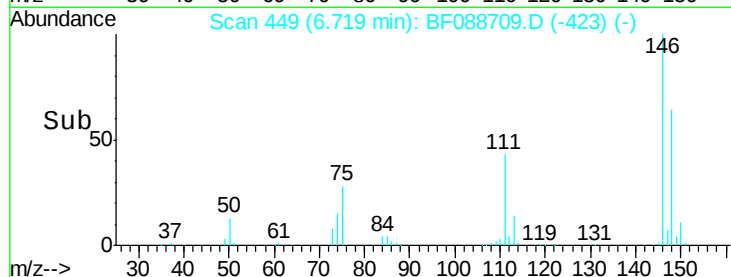
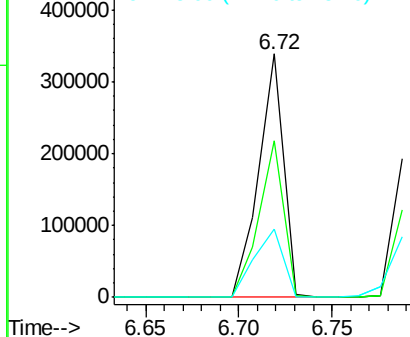
146 100

148 64.2 50.9 76.3

75 28.1 25.6 38.4

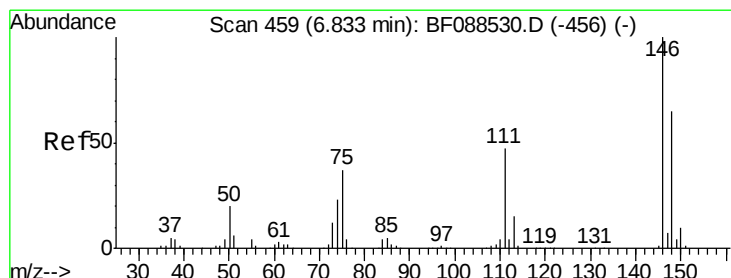


Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 75.00 (74.70 to 75.70): BF0



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#13

1,4-Dichlorobenzene

Concen: 37.02 ng

RT: 6.80 min Scan# 456

Delta R.T. 0.00 min

Lab File: BF088709.D

Acq: 5 Jul 2016 18:12

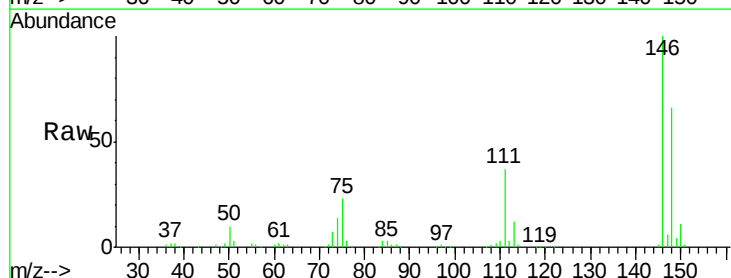
Tgt Ion:146 Resp: 303168

Ion Ratio Lower Upper

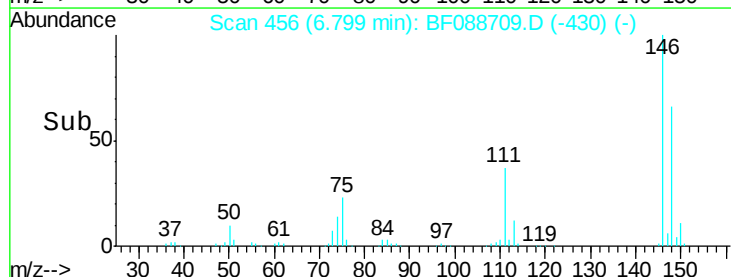
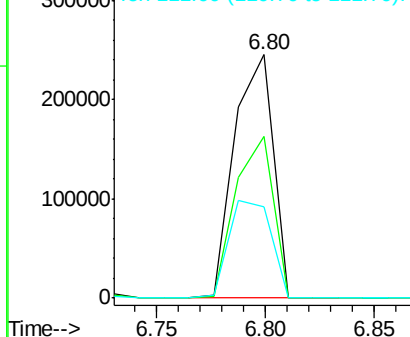
146 100

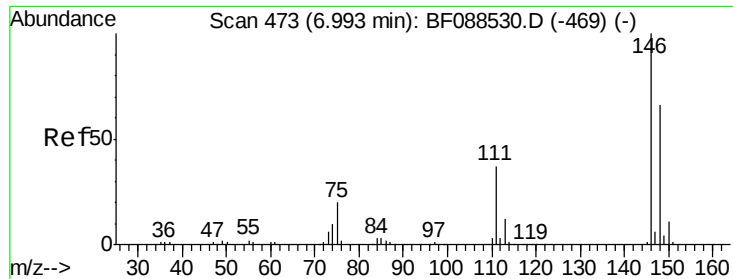
148 66.3 52.0 78.0

111 37.5 33.8 50.8



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E

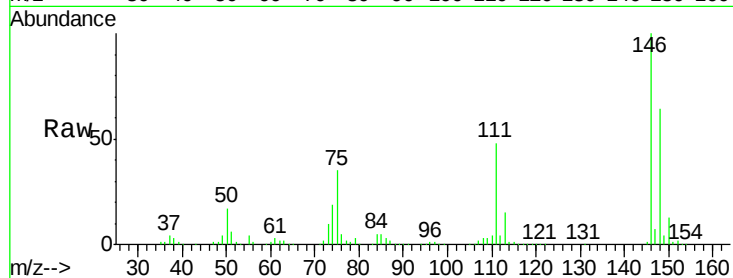




#14
 1,2-Dichlorobenzene
 Concen: 37.65 ng/mL
 RT: 6.95 min Scan# 469
 Delta R.T. 0.00 min
 Lab File: BF088709.D
 Acq: 5 Jul 2016 18:12

Instrument :
 BNA_F
 ClientSampleID :
 PB91727BS

Tot Ion	Ion	Ratio	Lower	Upper
146	100			
148	64.4	52.3	78.5	
111	47.8	28.7	43.1	

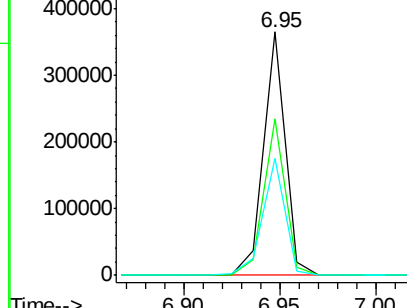


Abundance

Ion 146.00 (145.70 to 146.70): E

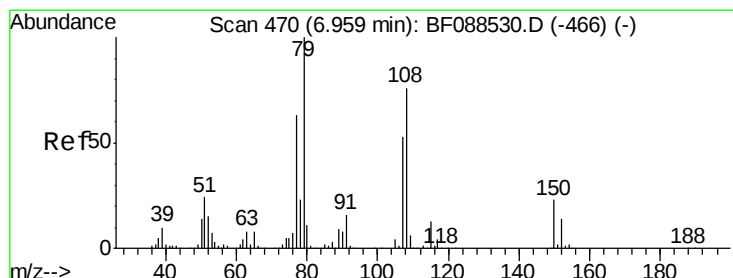
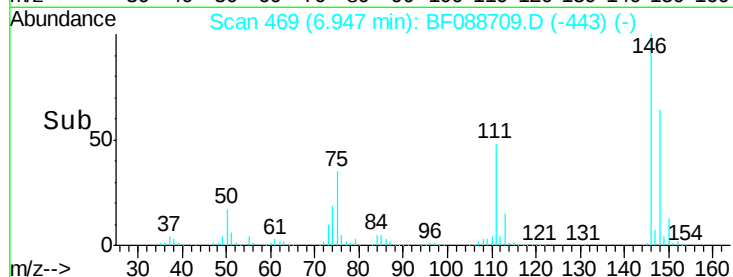
Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



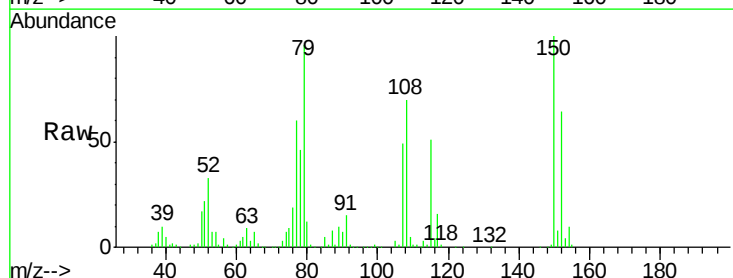
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#15
 Benzyl Alcohol
 Concen: 43.72 ng/mL
 RT: 6.92 min Scan# 467
 Delta R.T. 0.00 min
 Lab File: BF088709.D
 Acq: 5 Jul 2016 18:12

Tgt Ion	Ion	Ratio	Lower	Upper
79	100			
108	72.6	65.0	97.6	
77	62.5	50.3	75.5	

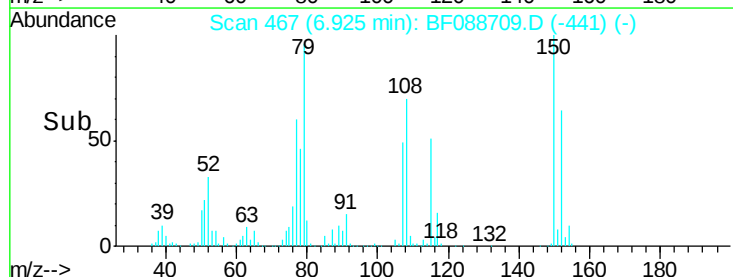
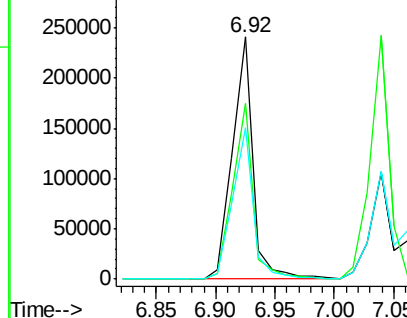


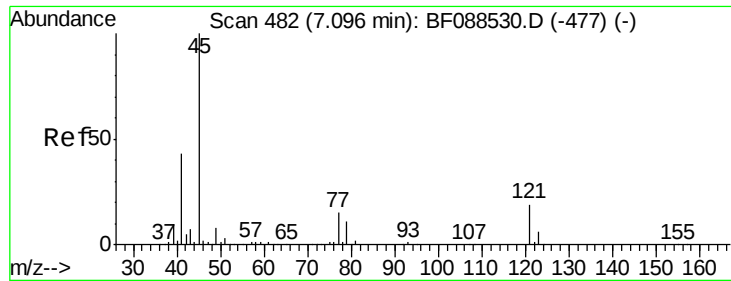
Abundance

Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

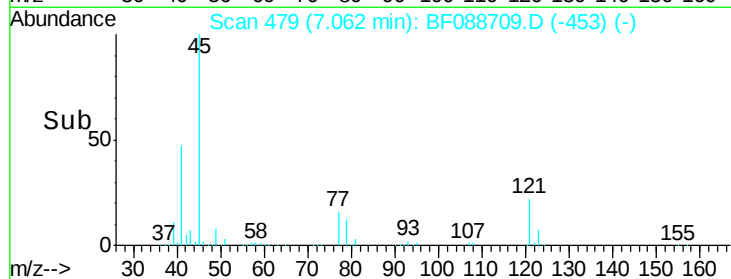
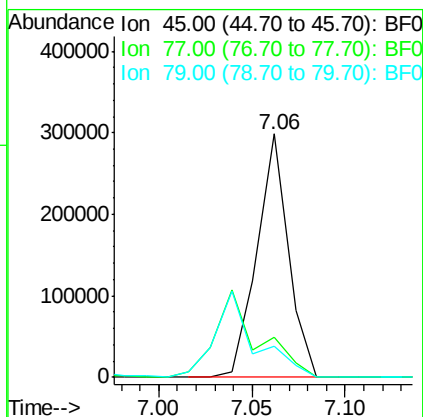
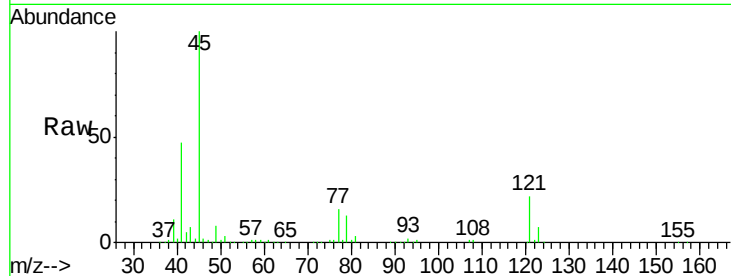




#16
2,2'-oxvbis(1-Chloropropane)
Concen: 31.31 ng
RT: 7.06 min Scan# 479
Delta R.T. 0.00 min
Lab File: BF088709.D
Acq: 5 Jul 2016 18:12

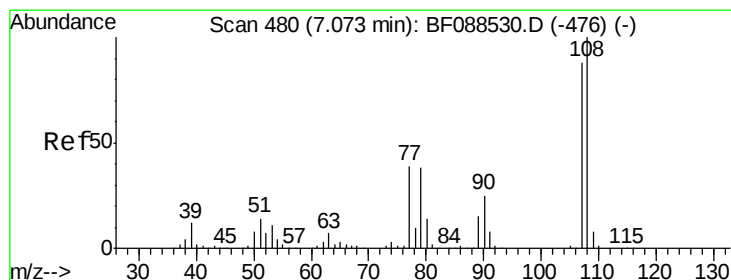
Instrument :
BNA_F
ClientSampleId :
PB91727BS

Tot Ion:	45	Resp:	347913
Ion Ratio	Lower	Upper	
45	100		
77	16.4	0.0	32.5
79	12.8	0.0	29.5



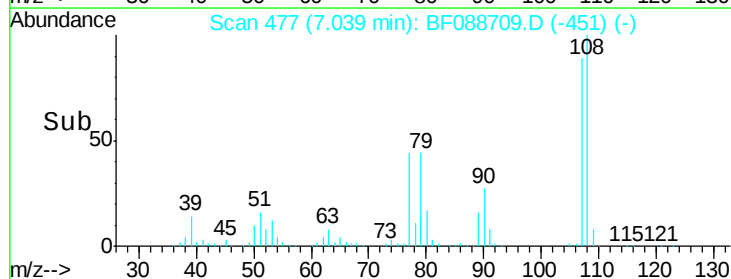
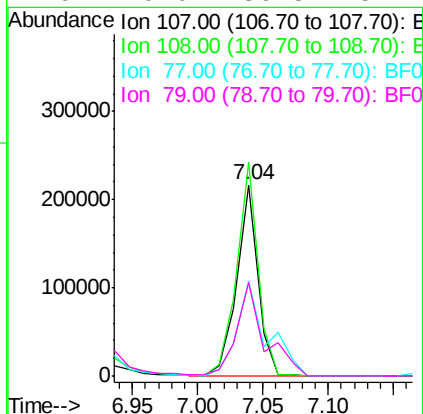
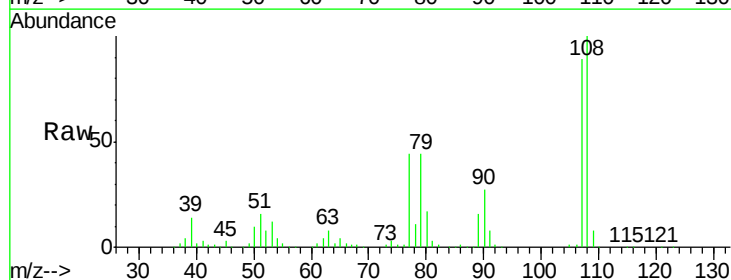
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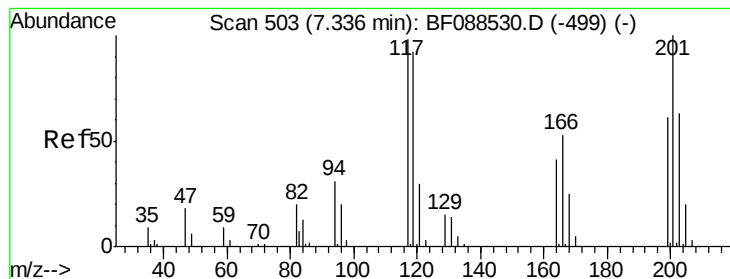
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#17
2-Methylphenol
Concen: 39.70 ng
RT: 7.04 min Scan# 477
Delta R.T. 0.00 min
Lab File: BF088709.D
Acq: 5 Jul 2016 18:12

Tgt Ion:	107	Resp:	242856
Ion Ratio	Lower	Upper	
107	100		
108	112.0	90.9	136.3
77	49.8	36.6	55.0
79	49.0	36.5	54.7





#18

Hexachloroethane

Concen: 37.91 ng

RT: 7.29 min Scan# 499

Delta R.T. 0.00 min

Lab File: BF088709.D

Acq: 5 Jul 2016 18:12

Instrument :

BNA_F

ClientSampleId :

PB91727BS

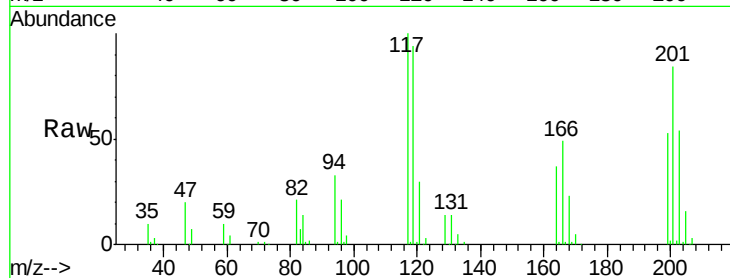
Tot Ion:117 Resp: 120090

Ion Ratio Lower Upper

117 100

119 93.9 77.4 116.2

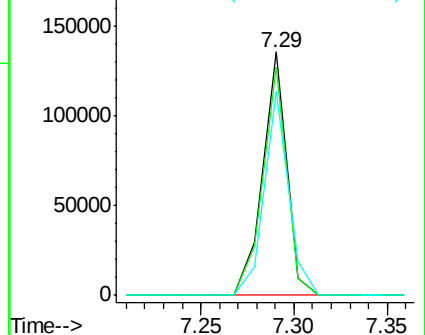
201 83.7 80.4 120.6



Abundance Ion 117.00 (116.70 to 117.70): E

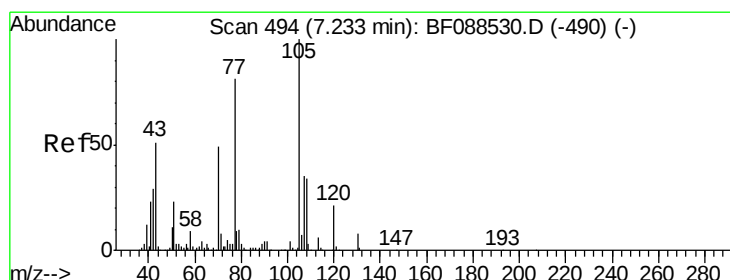
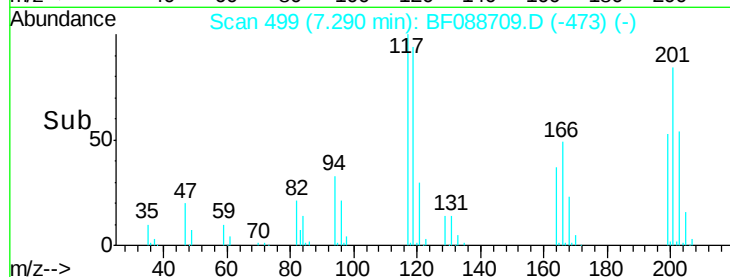
Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E



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#19

n-Nitroso-di-n-propylamine

Concen: 34.32 ng

RT: 7.20 min Scan# 491

Delta R.T. 0.00 min

Lab File: BF088709.D

Acq: 5 Jul 2016 18:12

Tgt Ion: 70 Resp: 207834

Ion Ratio Lower Upper

70 100

42 53.6 49.6 74.4

101 9.2 7.1 10.7

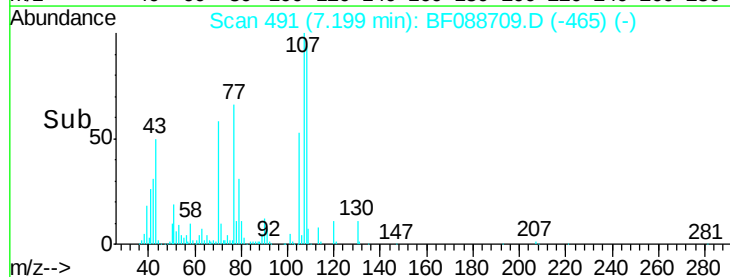
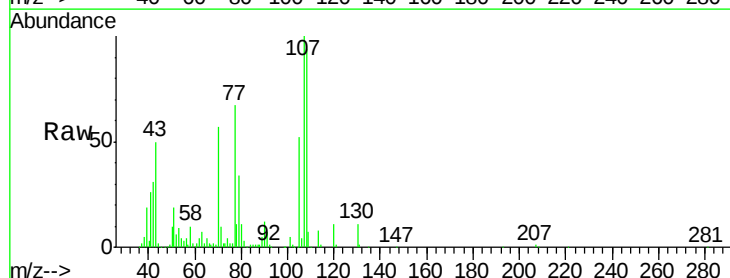
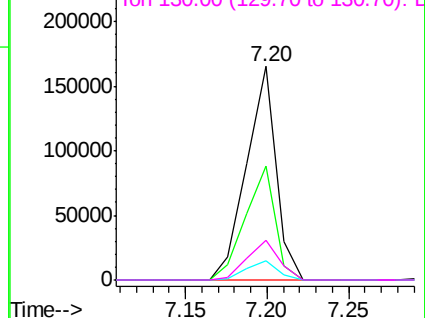
130 18.4 15.4 23.2

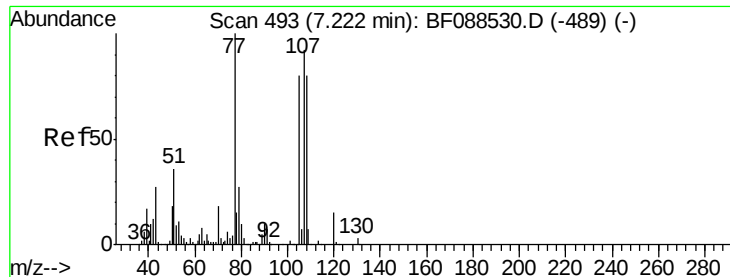
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E

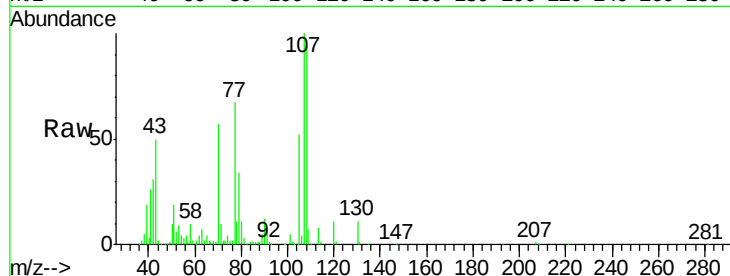




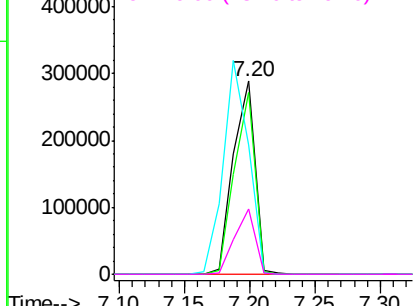
#20
3+4-Methylphenols
Concen: 45.15 ng
RT: 7.20 min Scan# 491
Delta R.T. 0.00 min
Lab File: BF088709.D
Acq: 5 Jul 2016 18:12

Instrument :
BNA_F
ClientSampleId :
PB91727BS

Tot Ion:	107	Resp:	331488
Ion	Ratio	Lower	Upper
107	100		
108	94.4	67.8	107.8
77	67.2	59.3	99.3
79	33.7	7.0	47.0

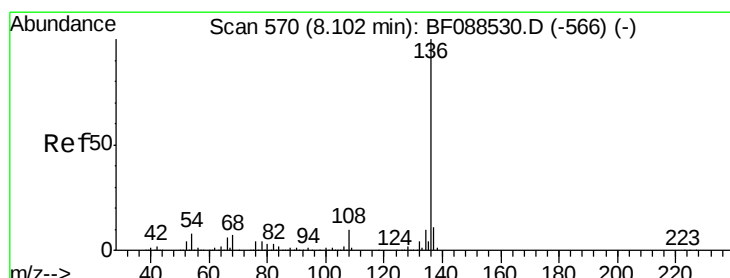
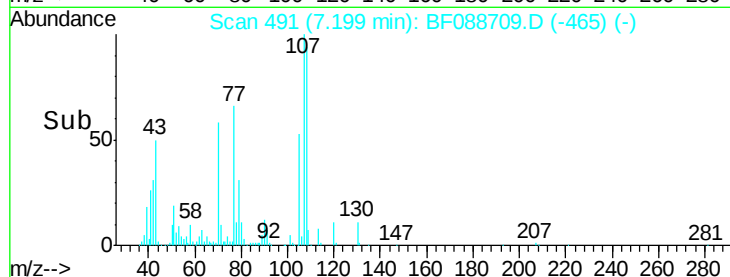


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0



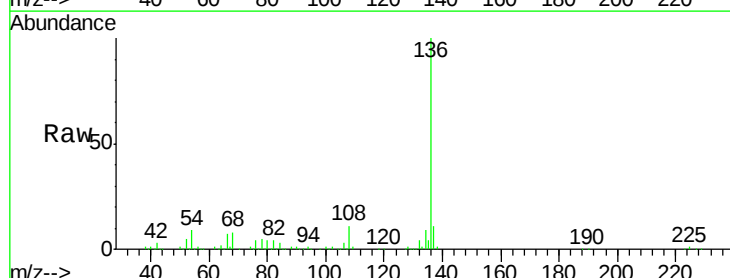
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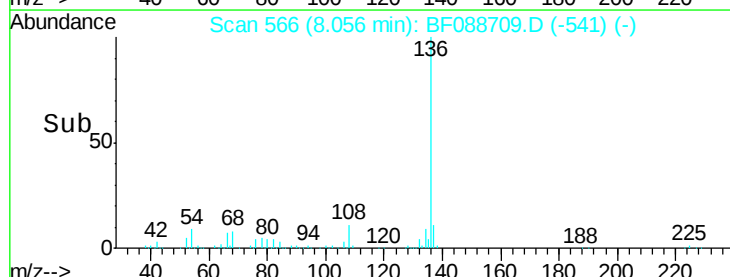
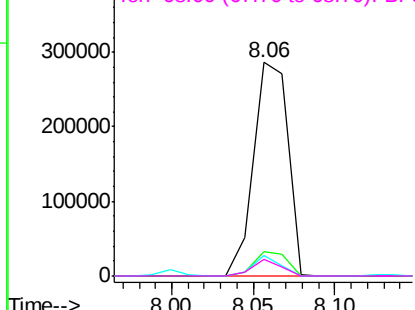


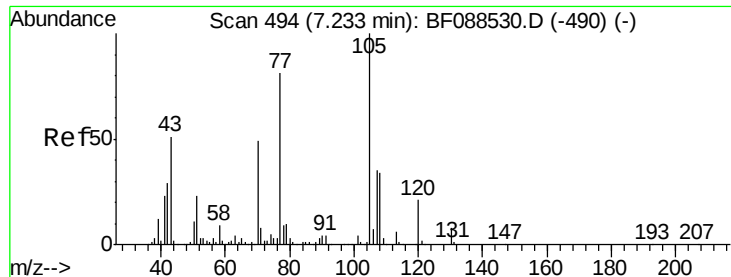
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.06 min Scan# 566
Delta R.T. -0.01 min
Lab File: BF088709.D
Acq: 5 Jul 2016 18:12

Tgt Ion:	136	Resp:	419827
Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.1	13.7
54	9.4	6.6	10.0
68	7.6	5.1	7.7



Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0





#22

Acetophenone

Concen: 40.54 ng

RT: 7.19 min Scan# 490

Delta R.T. 0.00 min

Lab File: BF088709.D

Acq: 5 Jul 2016 18:12

Instrument :

BNA_F

ClientSampled :

PB91727BS

Tot Ion:105 Resp: 413049

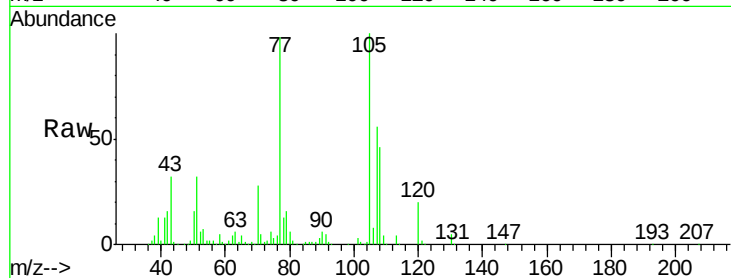
Ion Ratio Lower Upper

105 100

71 4.8 5.3 7.9#

51 32.4 18.2 27.4#

120 19.9 18.0 27.0

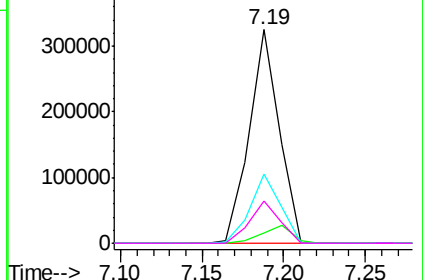
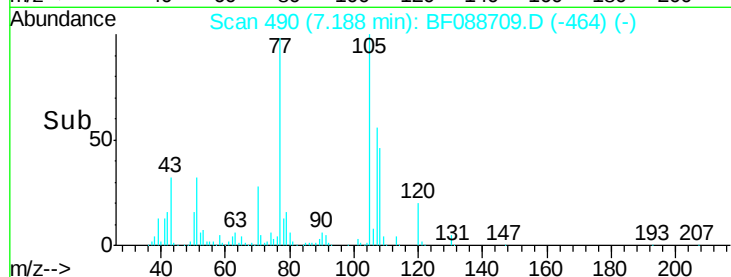


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

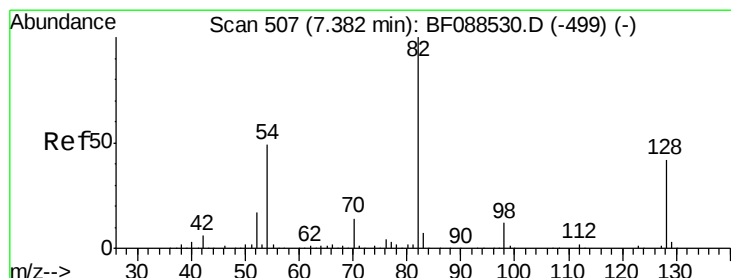
Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



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#23

Nitrobenzene-d5

Concen: 89.08 ng

RT: 7.35 min Scan# 504

Delta R.T. 0.00 min

Lab File: BF088709.D

Acq: 5 Jul 2016 18:12

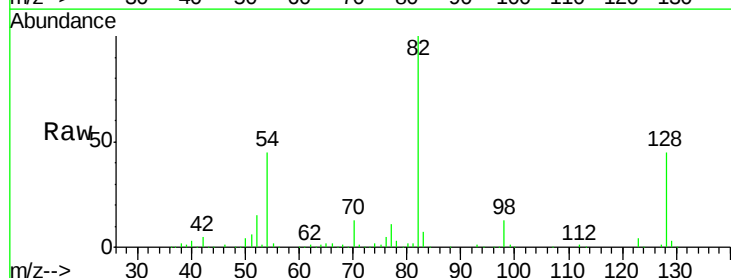
Tgt Ion: 82 Resp: 713672

Ion Ratio Lower Upper

82 100

128 45.2 35.9 53.9

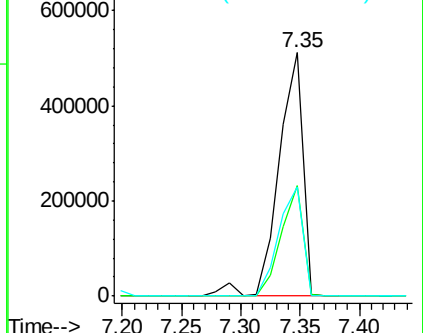
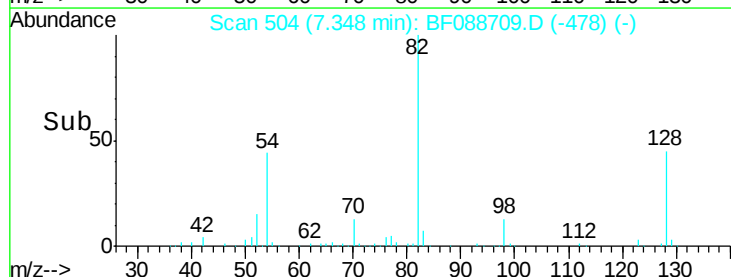
54 44.6 40.9 61.3

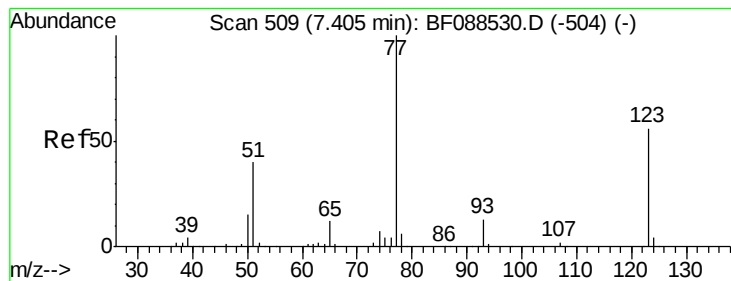


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#24

Nitrobenzene

Concen: 37.36 ng

RT: 7.36 min Scan# 505

Delta R.T. 0.00 min

Lab File: BF088709.D

Acq: 5 Jul 2016 18:12

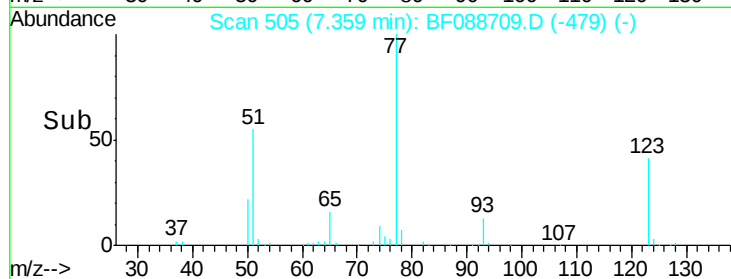
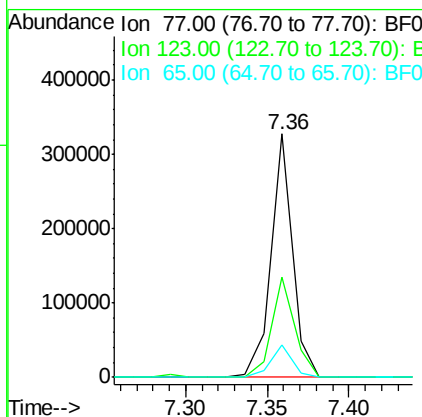
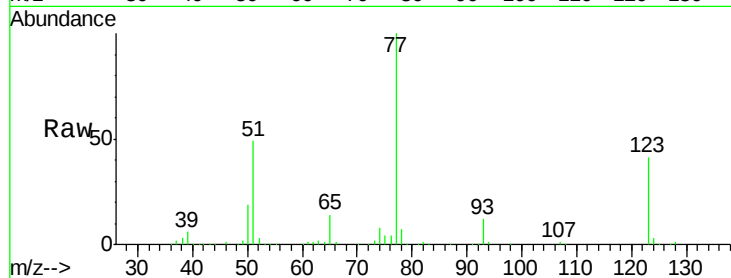
Instrument :

BNA_F

ClientSampled :

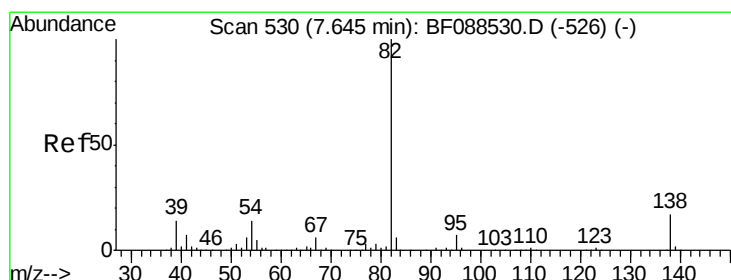
PB91727BS

Tot Ion:	77	Resp:	301744
Ion	Ratio	Lower	Upper
77	100		
123	41.3	45.0	67.4#
65	13.6	10.2	15.2



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#25

Isophorone

Concen: 42.22 ng

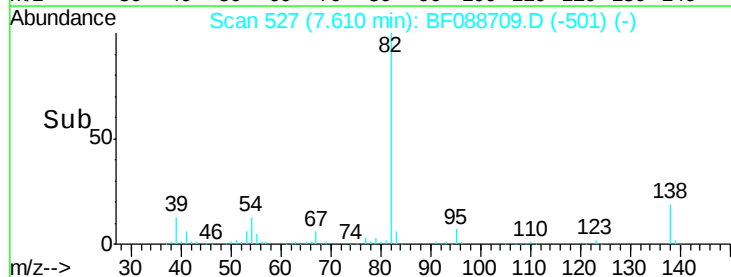
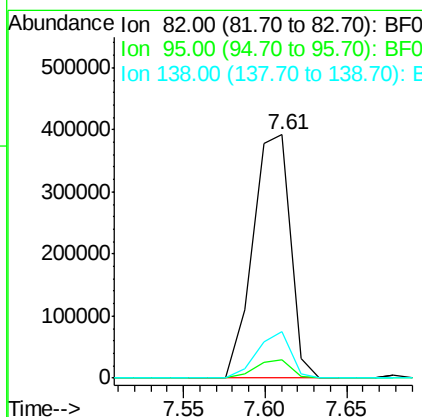
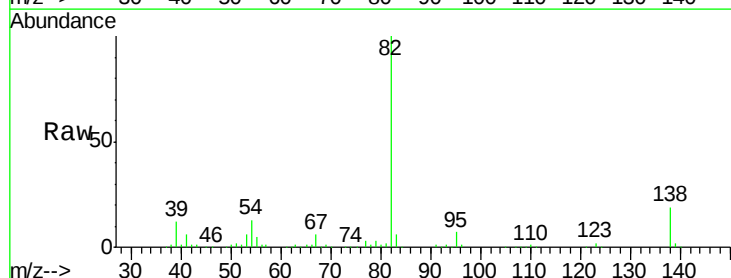
RT: 7.61 min Scan# 527

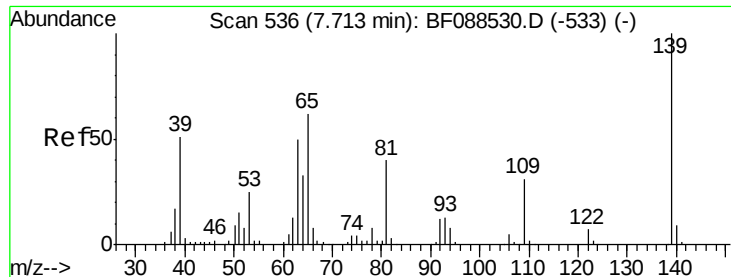
Delta R.T. 0.00 min

Lab File: BF088709.D

Acq: 5 Jul 2016 18:12

Tgt Ion:	82	Resp:	626545
Ion	Ratio	Lower	Upper
82	100		
95	7.3	5.4	8.2
138	19.0	14.6	21.8

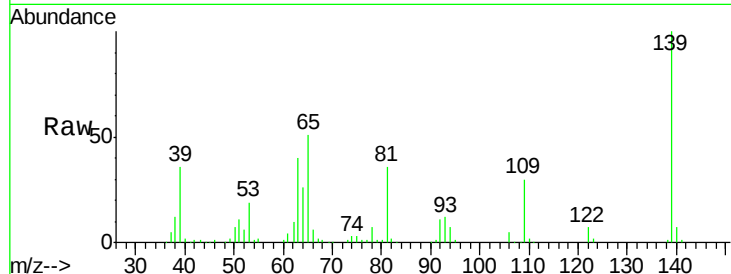




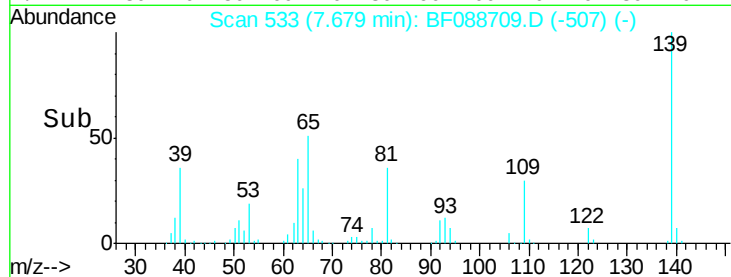
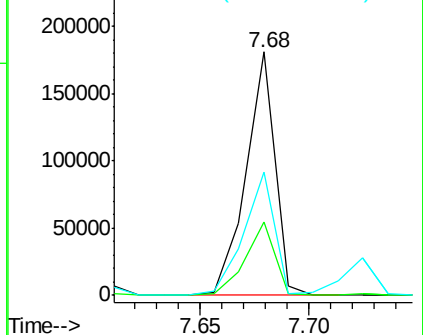
#26
2-Nitrophenol
Concen: 50.50 ng
RT: 7.68 min Scan# 533
Delta R.T. 0.00 min
Lab File: BF088709.D
Acq: 5 Jul 2016 18:12

Instrument :
BNA_F
ClientSampled :
PB91727BS

Tot Ion	Ratio	Lower	Upper
139	100		
109	30.4	23.0	34.4
65	50.6	45.8	68.8

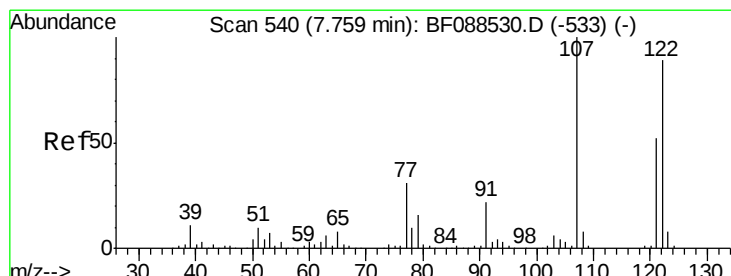


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): E



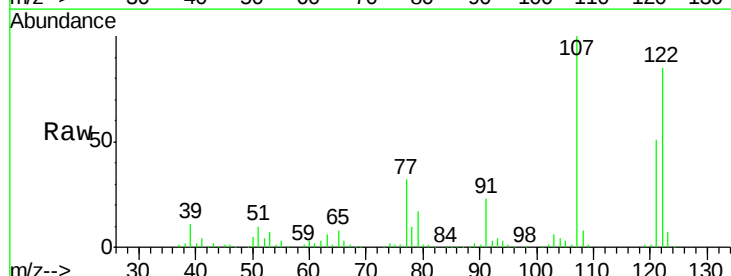
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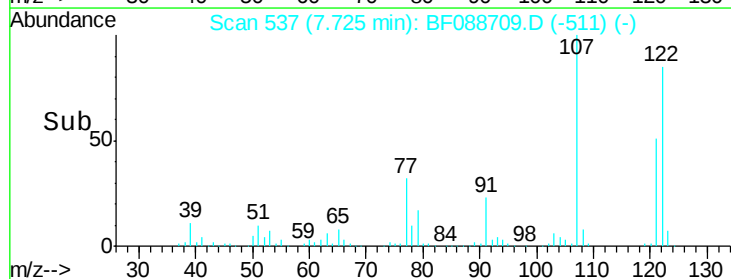
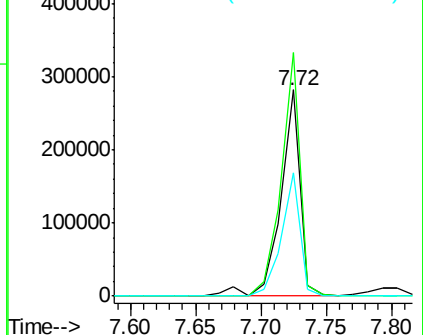


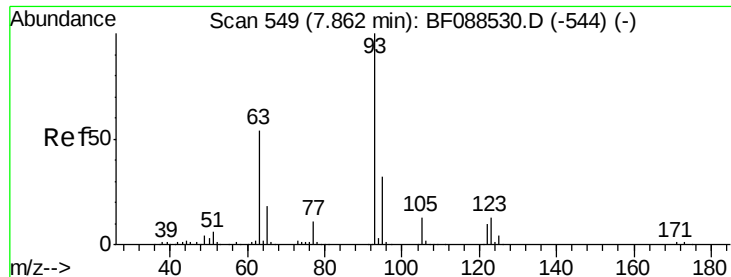
#27
2,4-Dimethylphenol
Concen: 42.82 ng
RT: 7.72 min Scan# 537
Delta R.T. 0.00 min
Lab File: BF088709.D
Acq: 5 Jul 2016 18:12

Tgt Ion	Ratio	Lower	Upper
122	100		
107	118.1	82.4	123.6
121	59.9	46.3	69.5



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E





#28

bis(2-Chloroethoxy)methane

Concen: 38.49 ng

RT: 7.82 min Scan# 545

Delta R.T. 0.00 min

Lab File: BF088709.D

Acq: 5 Jul 2016 18:12

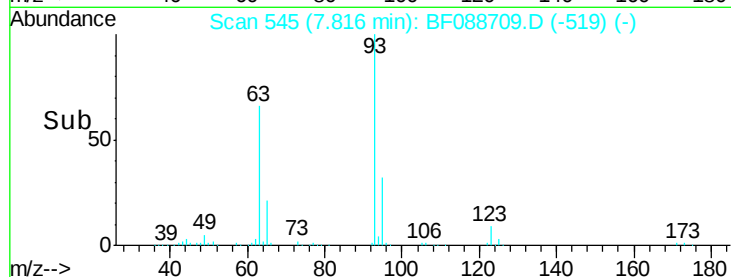
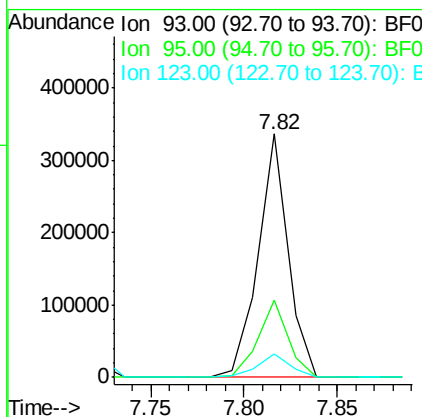
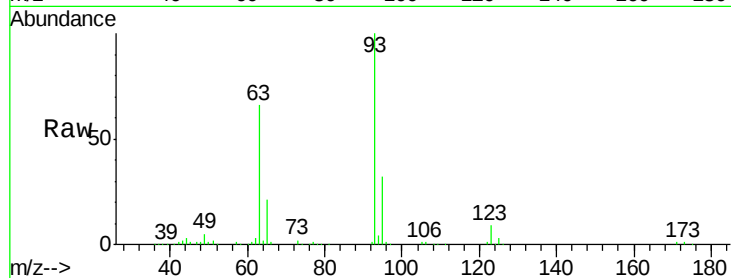
Instrument :

BNA_F

ClientSampleId :

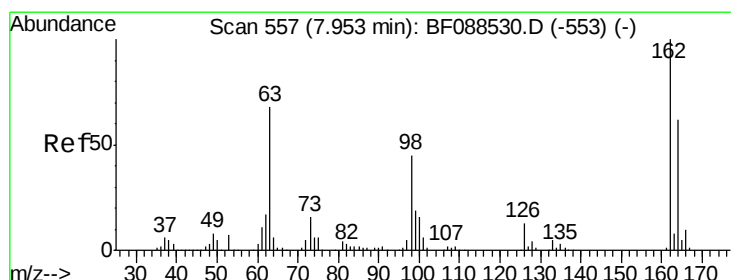
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Tot Ion:	93	Resp:	371665
Ion	Ratio	Lower	Upper
93	100		
95	31.6	26.5	39.7
123	9.5	11.6	17.4#



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#29

2,4-Dichlorophenol

Concen: 42.51 ng

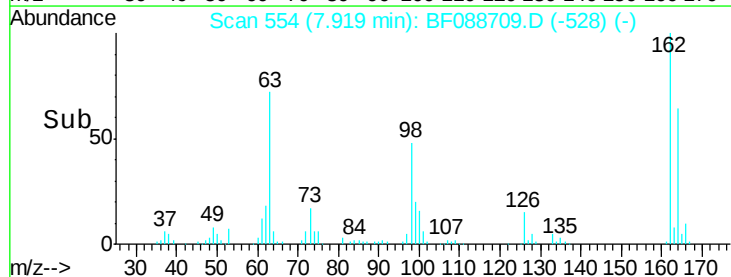
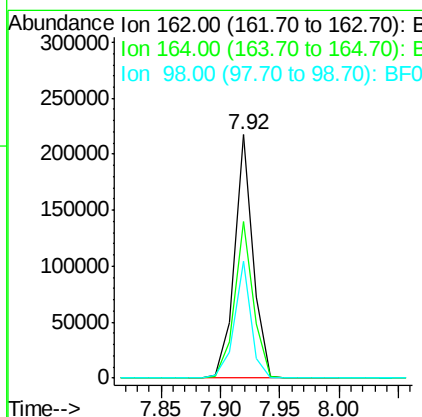
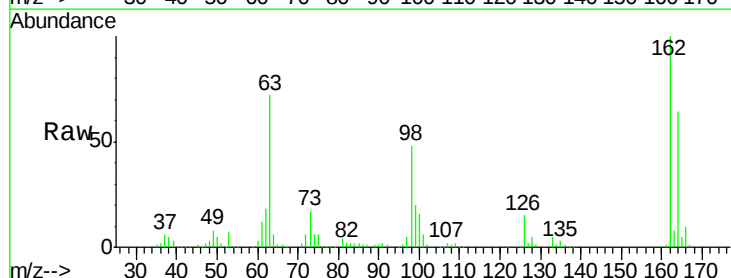
RT: 7.92 min Scan# 554

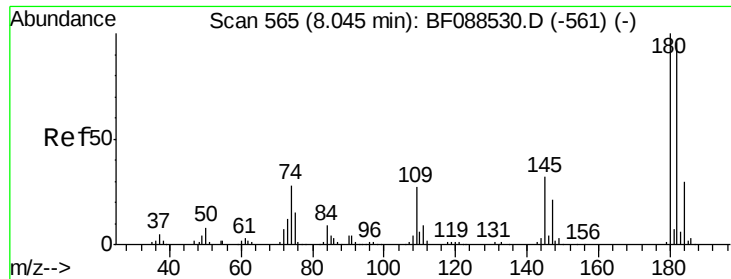
Delta R.T. 0.00 min

Lab File: BF088709.D

Acq: 5 Jul 2016 18:12

Tgt Ion:	162	Resp:	237039
Ion	Ratio	Lower	Upper
162	100		
164	64.2	43.8	83.8
98	47.8	21.3	61.3

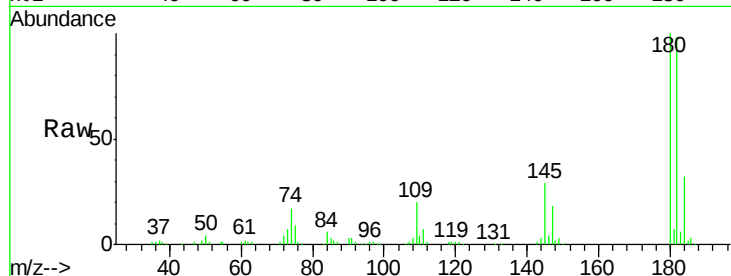




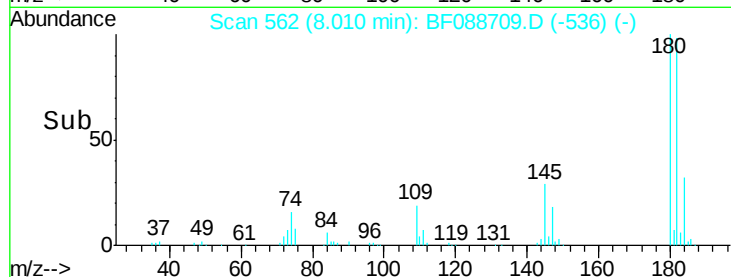
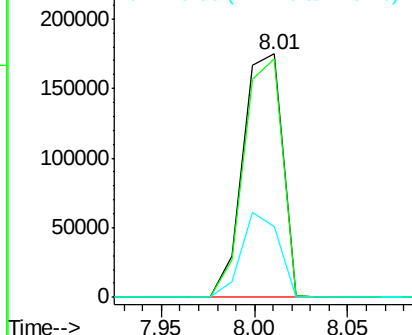
#30
1,2,4-Trichlorobenzene
Concen: 41.64 ng
RT: 8.01 min Scan# 562
Delta R.T. 0.00 min
Lab File: BF088709.D
Acq: 5 Jul 2016 18:12

Instrument :
BNA_F
ClientSampleId :
PB91727BS

Tot Ion:180 Resp: 254774
Ion Ratio Lower Upper
180 100
182 97.7 76.0 114.0
145 28.9 26.5 39.7

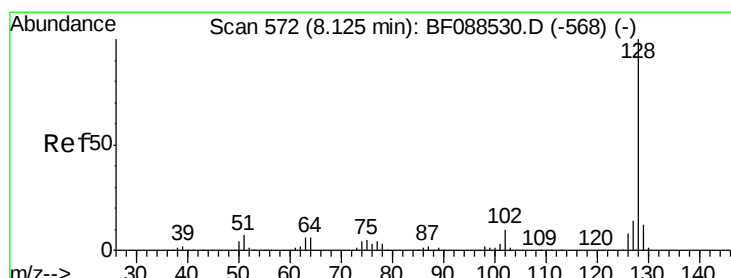


Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E



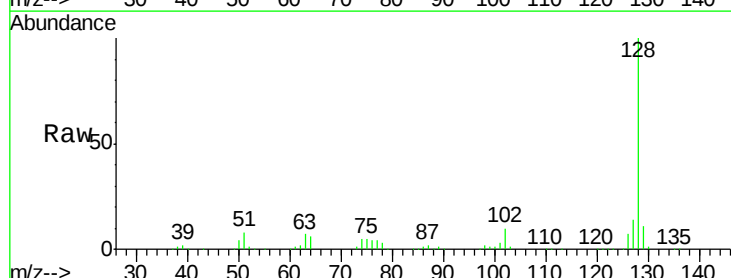
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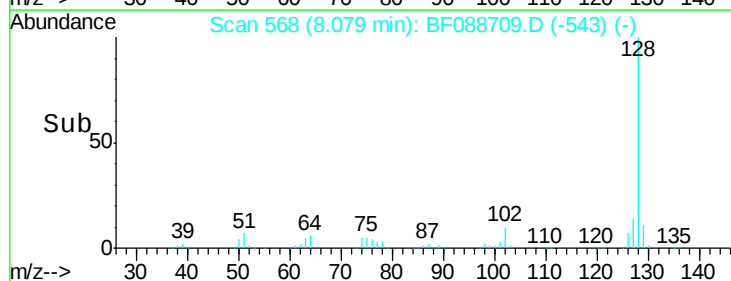
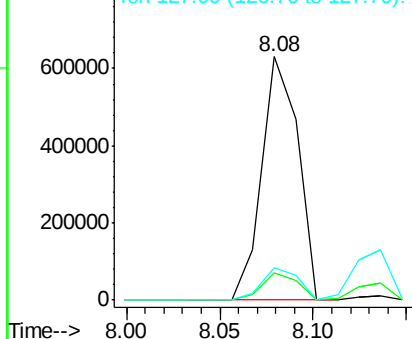


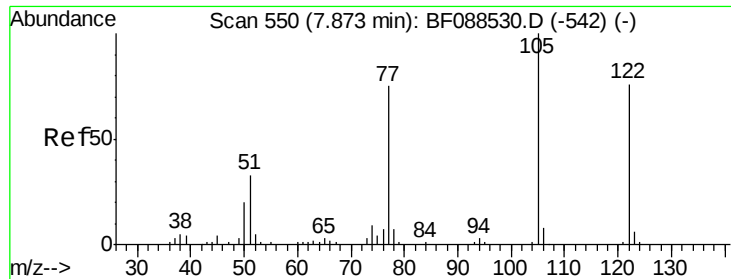
#31
Naphthalene
Concen: 40.86 ng
RT: 8.08 min Scan# 568
Delta R.T. -0.01 min
Lab File: BF088709.D
Acq: 5 Jul 2016 18:12

Tgt Ion:128 Resp: 845731
Ion Ratio Lower Upper
128 100
129 11.4 9.4 14.2
127 13.5 10.9 16.3



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E





#32

Benzoic acid

Concen: 4.03 ng

RT: 7.79 min Scan# 543

Delta R.T. -0.07 min

Lab File: BF088709.D

Acq: 5 Jul 2016 18:12

Instrument :

BNA_F

ClientSampleId :

PB91727BS

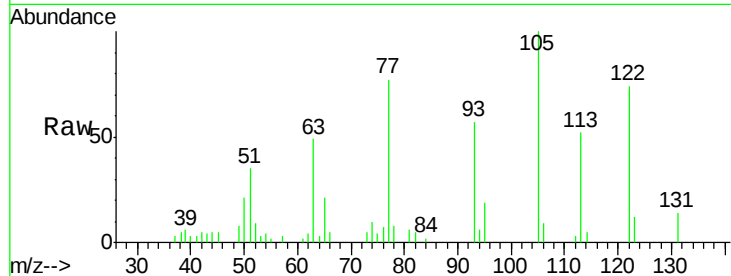
Tot Ion:122 Resp: 20198

Ion Ratio Lower Upper

122 100

105 134.2 101.6 141.6

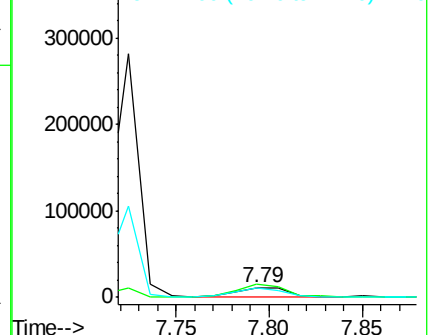
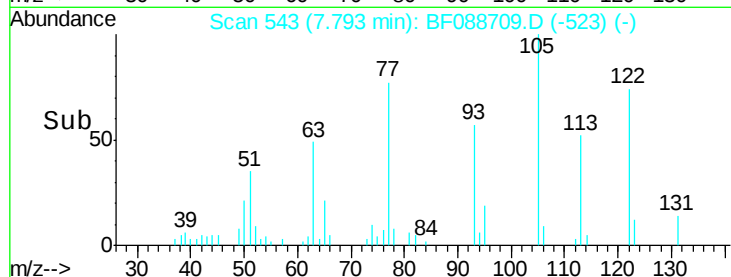
77 102.9 70.6 110.6



Abundance Ion 122.00 (121.70 to 122.70): E

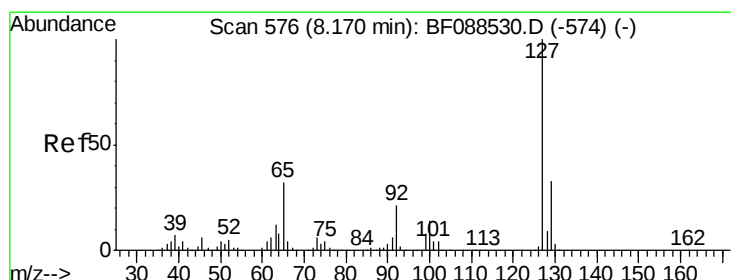
Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0



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#33

4-Chloroaniline

Concen: 19.16 ng

RT: 8.14 min Scan# 573

Delta R.T. 0.00 min

Lab File: BF088709.D

Acq: 5 Jul 2016 18:12

Tgt Ion:127 Resp: 176396

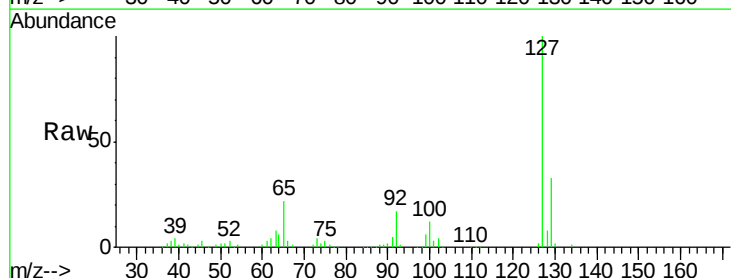
Ion Ratio Lower Upper

127 100

129 32.6 26.3 39.5

65 22.2 24.7 37.1#

92 17.0 15.4 23.0

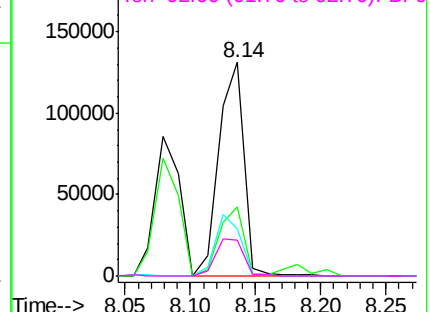
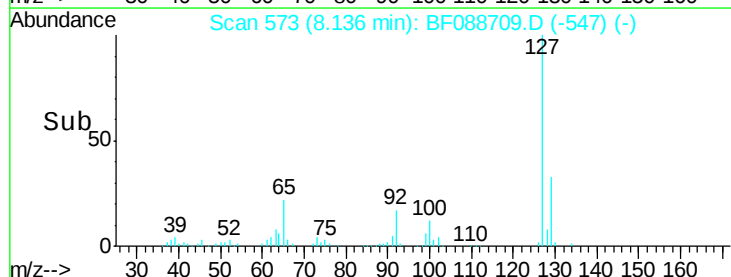


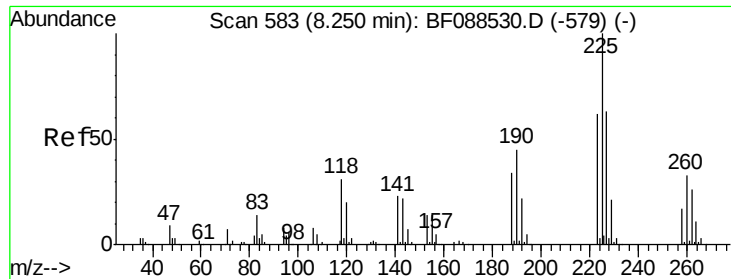
Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0





#34

Hexachlorobutadiene

Concen: 41.56 ng

RT: 8.20 min Scan# 579

Delta R.T. 0.00 min

Lab File: BF088709.D

Acq: 5 Jul 2016 18:12

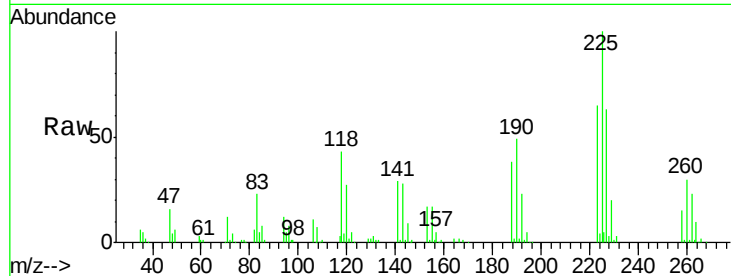
Instrument :

BNA_F

ClientSampleId :

PB91727BS

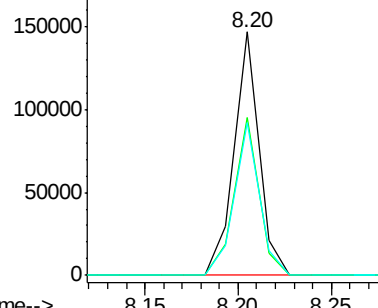
Tot Ion:	225	Resp:	136165
Ion	Ratio	Lower	Upper
225	100		
223	64.7	50.9	76.3
227	62.7	51.9	77.9



Abundance Ion 225.00 (224.70 to 225.70): E

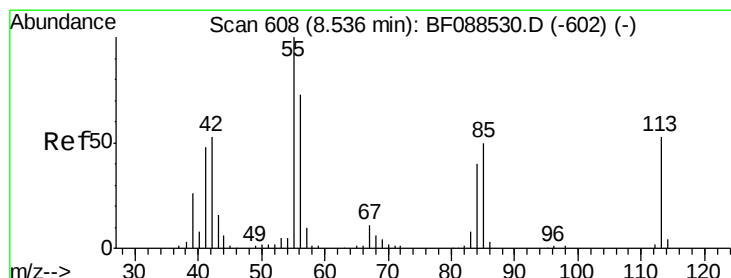
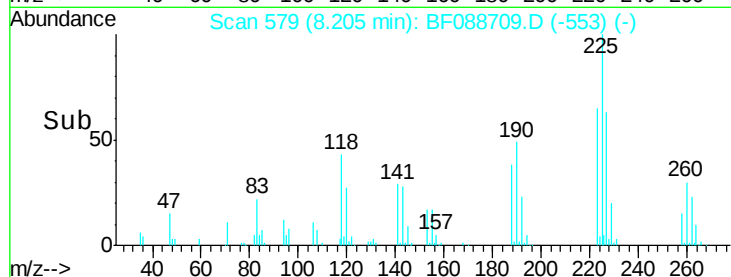
Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E



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#35

Caprolactam

Concen: 44.63 ng m

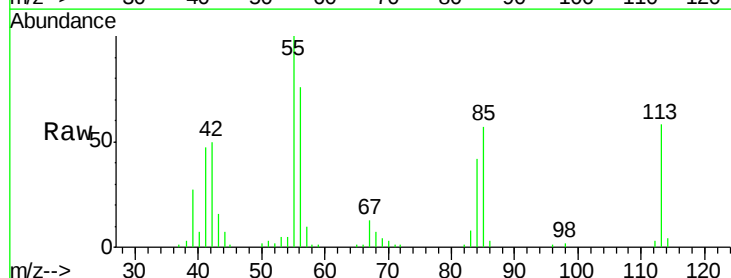
RT: 8.50 min Scan# 605

Delta R.T. -0.01 min

Lab File: BF088709.D

Acq: 5 Jul 2016 18:12

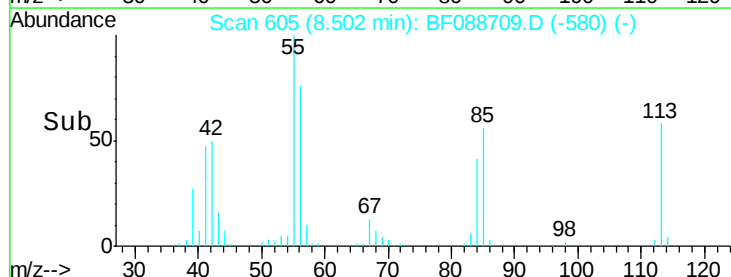
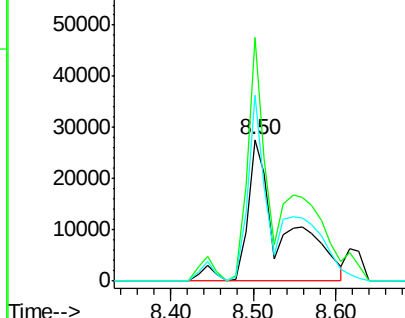
Tgt Ion:	113	Resp:	84512
Ion	Ratio	Lower	Upper
113	100		
55	171.9	158.6	198.6
56	131.1	110.6	150.6

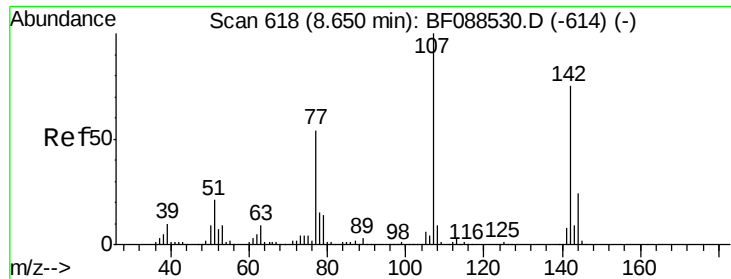


Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0





#36

4-Chloro-3-methylphenol

Concen: 44.67 ng

RT: 8.62 min Scan# 615

Delta R.T. 0.00 min

Lab File: BF088709.D

Acq: 5 Jul 2016 18:12

Instrument :

BNA_F

ClientSampleId :

PB91727BS

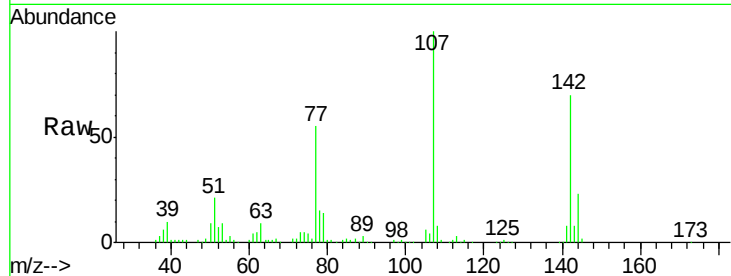
Tot Ion:107 Resp: 294492

Ion Ratio Lower Upper

107 100

144 22.7 20.8 31.2

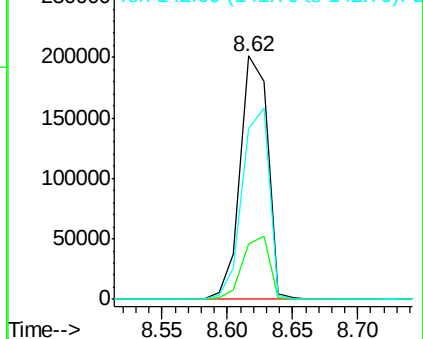
142 70.3 63.4 95.2



Abundance Ion 107.00 (106.70 to 107.70): E

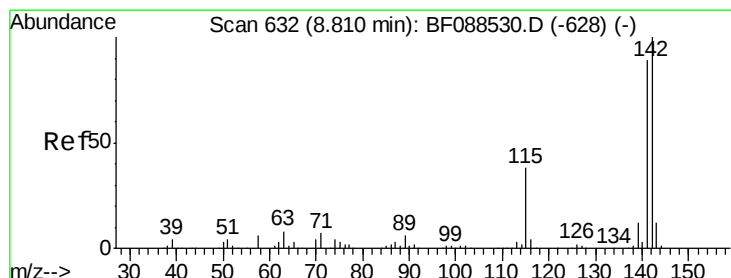
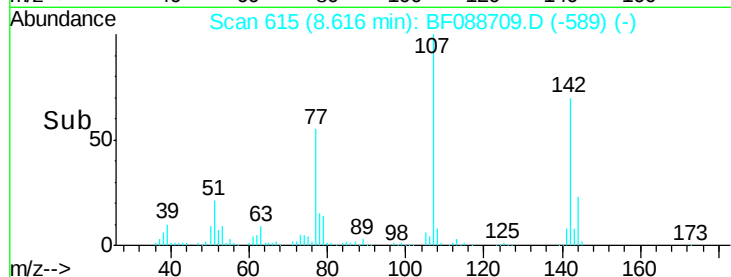
Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E



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#37

2-Methylnaphthalene

Concen: 44.81 ng

RT: 8.78 min Scan# 629

Delta R.T. 0.00 min

Lab File: BF088709.D

Acq: 5 Jul 2016 18:12

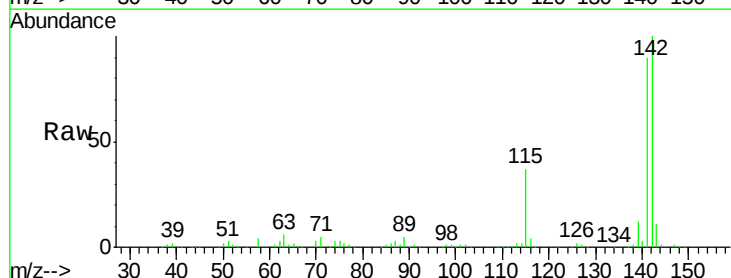
Tgt Ion:142 Resp: 597188

Ion Ratio Lower Upper

142 100

141 89.7 71.0 106.6

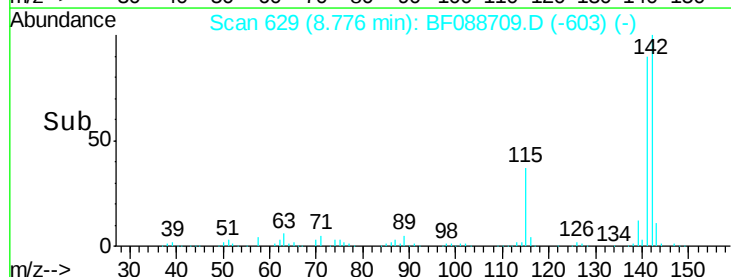
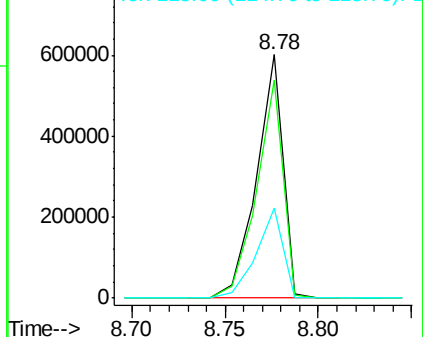
115 36.9 22.6 33.8#

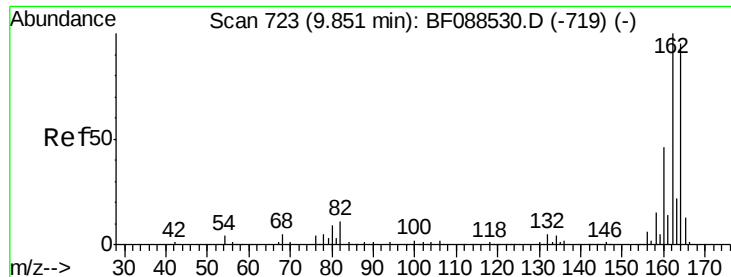


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

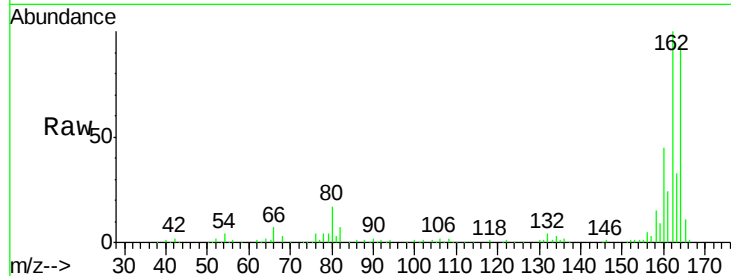




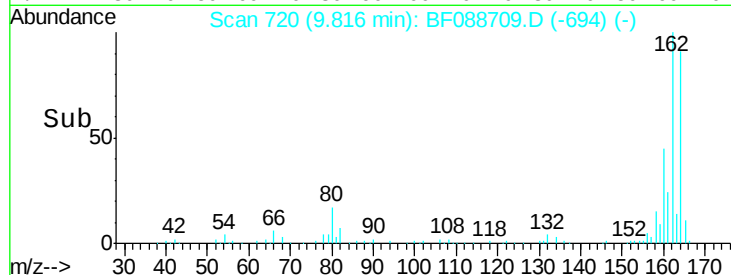
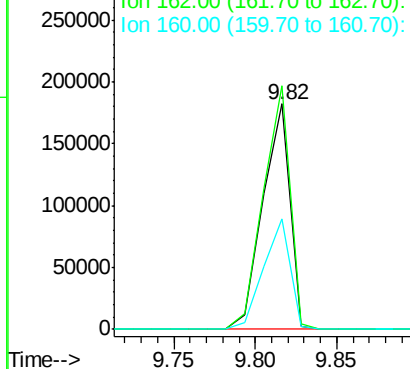
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.82 min Scan# 720
Delta R.T. 0.00 min
Lab File: BF088709.D
Acq: 5 Jul 2016 18:12

Instrument :
BNA_F
ClientSampleId :
PB91727BS

Tot Ion	Ratio	Lower	Upper
164	100		
162	108.0	85.4	128.2
160	48.9	39.5	59.3

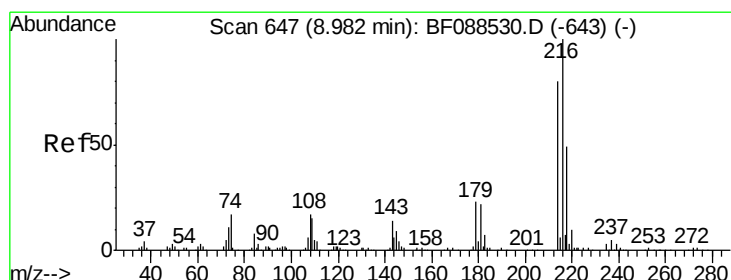


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E



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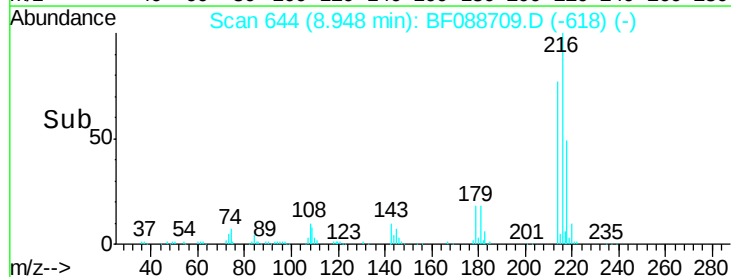
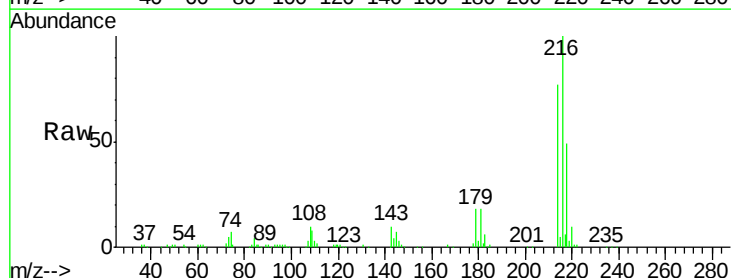
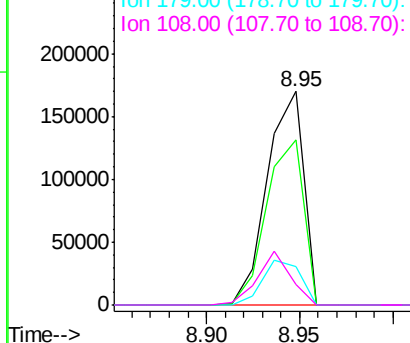
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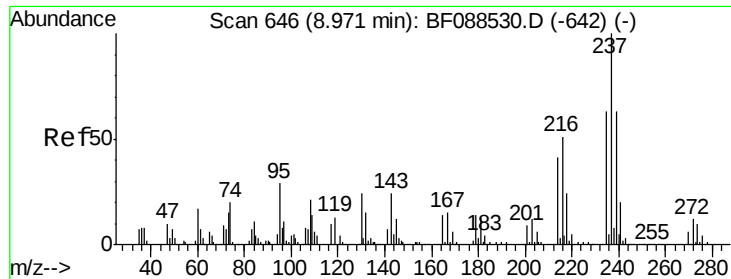


#39
1,2,4,5-Tetrachlorobenzene
Concen: 32.89 ng
RT: 8.95 min Scan# 644
Delta R.T. 0.00 min
Lab File: BF088709.D
Acq: 5 Jul 2016 18:12

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.9	2.9	4.3#
179	21.9	0.0	0.0#
108	23.1	0.5	0.7#

Abundance Ion 216.00 (215.70 to 216.70): E
Ion 214.00 (213.70 to 214.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 108.00 (107.70 to 108.70): E

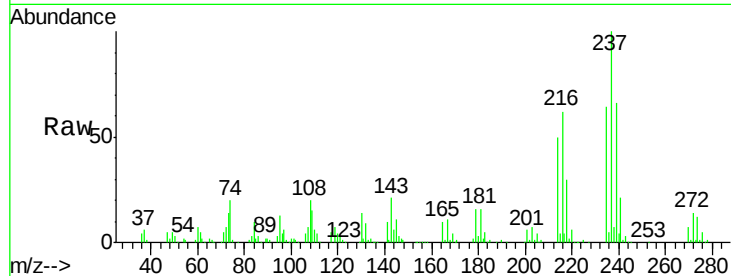




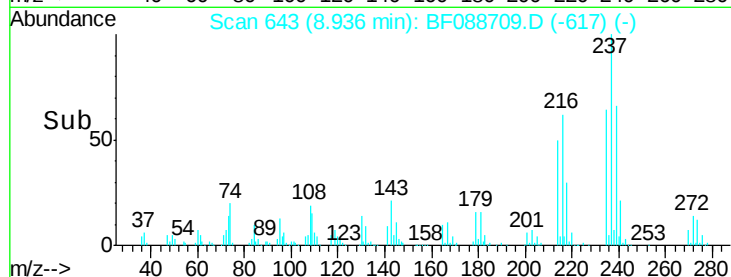
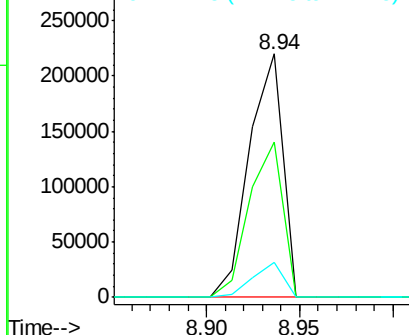
#40
Hexachlorocyclopentadiene
Concen: 79.55 ng
RT: 8.94 min Scan# 643
Delta R.T. 0.00 min
Lab File: BF088709.D
Acq: 5 Jul 2016 18:12

Instrument :
BNA_F
ClientSampleId :
PB91727BS

Tot Ion	Ratio	Lower	Upper
237	100		
235	63.7	43.4	83.4
272	14.4	0.0	32.3

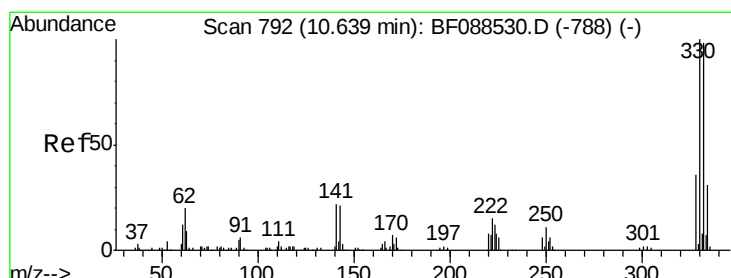


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



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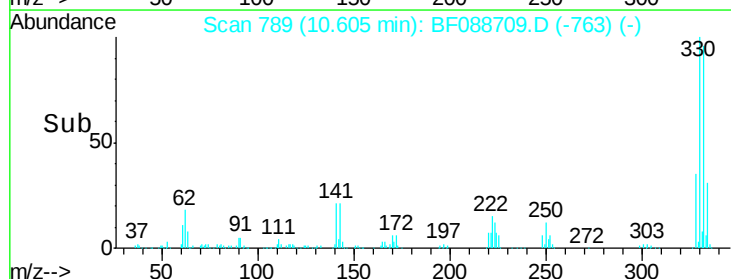
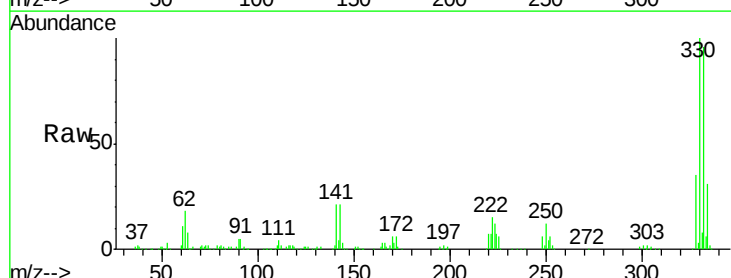
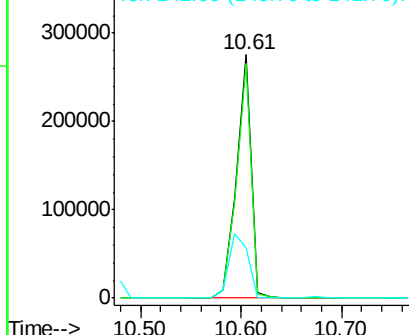
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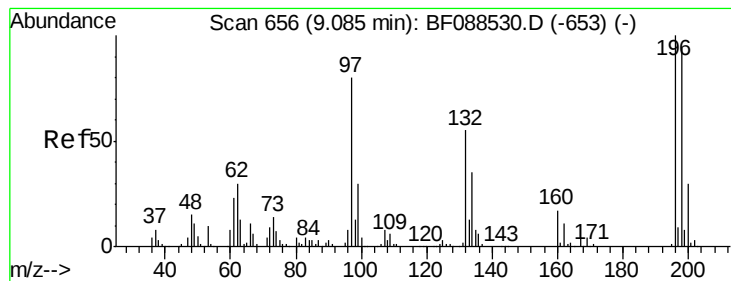


#41
2,4,6-Tribromophenol
Concen: 142.84 ng
RT: 10.61 min Scan# 789
Delta R.T. 0.00 min
Lab File: BF088709.D
Acq: 5 Jul 2016 18:12

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.4	0.0	0.0#
141	34.7	0.0	0.0#

Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

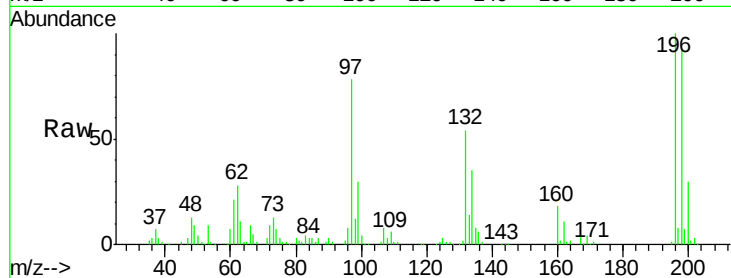




#42
 2,4,6-Trichlorophenol
 Concen: 38.60 ng
 RT: 9.05 min Scan# 653
 Delta R.T. 0.00 min
 Lab File: BF088709.D
 Acq: 5 Jul 2016 18:12

Instrument :
 BNA_F
 ClientSampleId :
 PB91727BS

Tot Ion	Ratio	Lower	Upper
196	100		
198	92.7	78.0	117.0
200	30.2	25.4	38.2

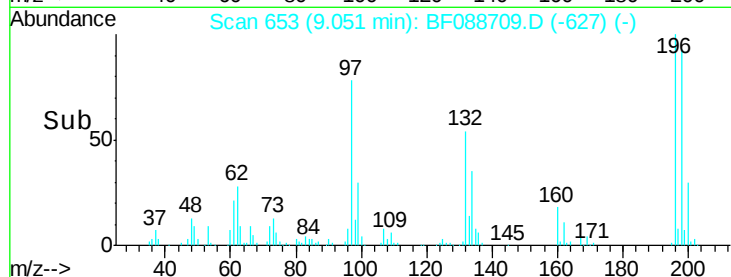
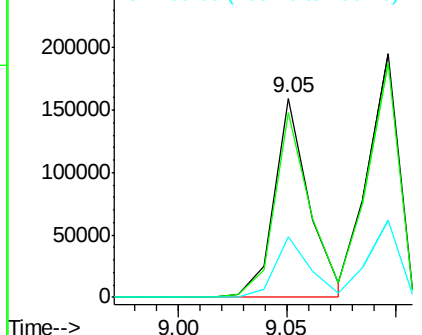


Abundance

Ion 196.00 (195.70 to 196.70): E

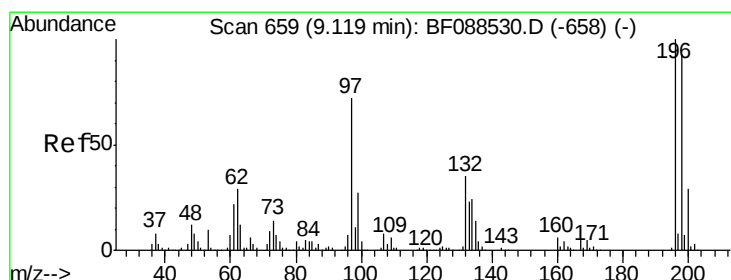
Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



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#43
 2,4,5-Trichlorophenol
 Concen: 48.70 ng
 RT: 9.10 min Scan# 657
 Delta R.T. 0.00 min
 Lab File: BF088709.D
 Acq: 5 Jul 2016 18:12

Tgt Ion	Ratio	Lower	Upper
196	100		
198	96.3	77.5	116.3
97	43.7	32.0	48.0
132	26.5	20.9	31.3

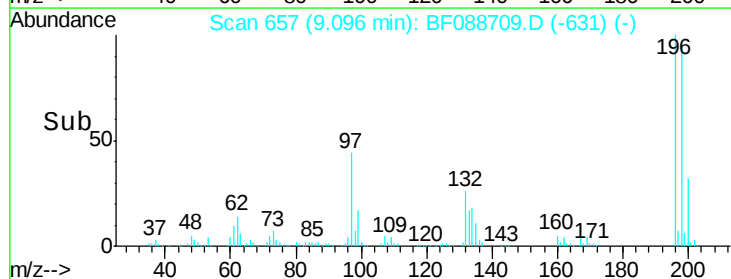
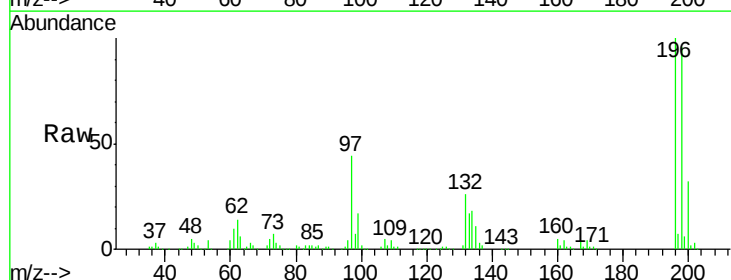
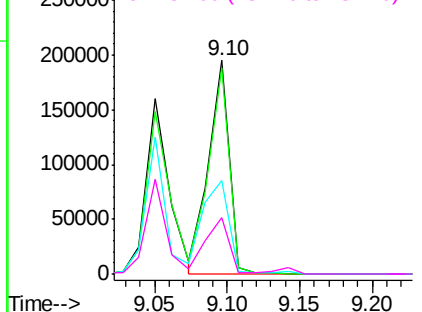
Abundance

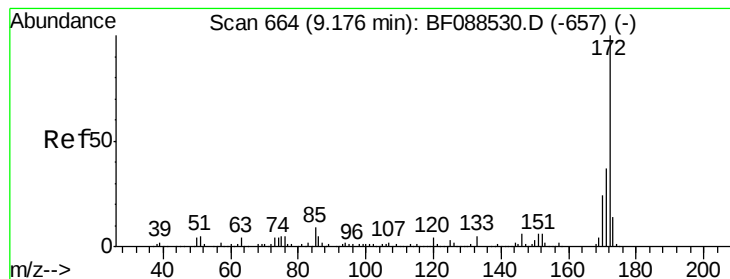
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E

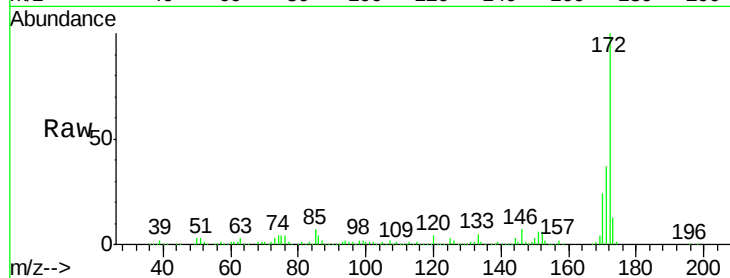




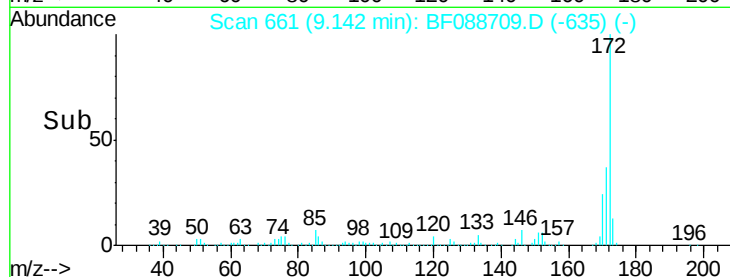
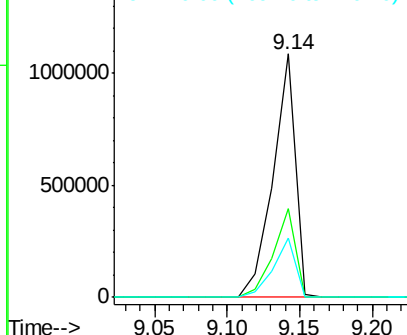
#44
2-Fluorobiphenyl
Concen: 87.13 ng
RT: 9.14 min Scan# 661
Delta R.T. 0.00 min
Lab File: BF088709.D
Acq: 5 Jul 2016 18:12

Instrument :
BNA_F
ClientSampleId :
PB91727BS

Tot Ion:172 Resp: 1162858
Ion Ratio Lower Upper
172 100
171 36.7 28.6 43.0
170 24.5 19.2 28.8

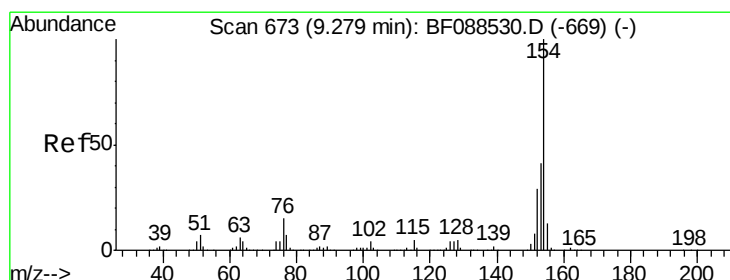


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E



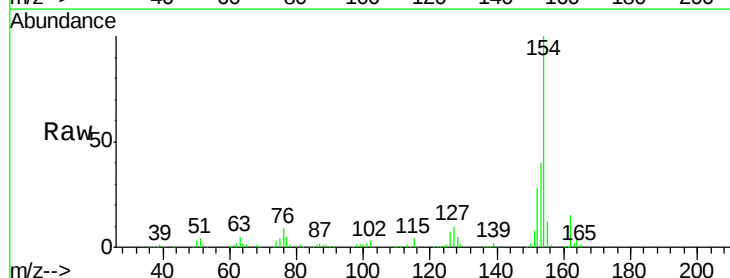
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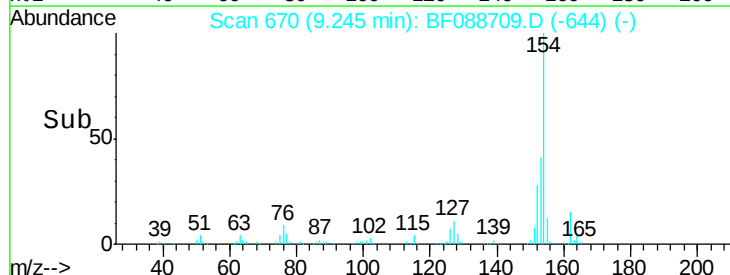
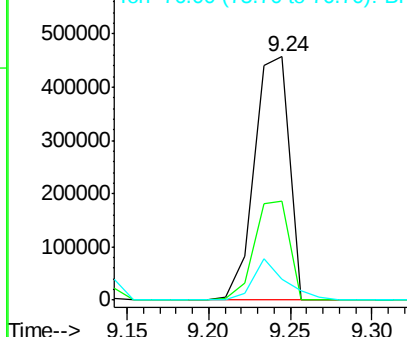


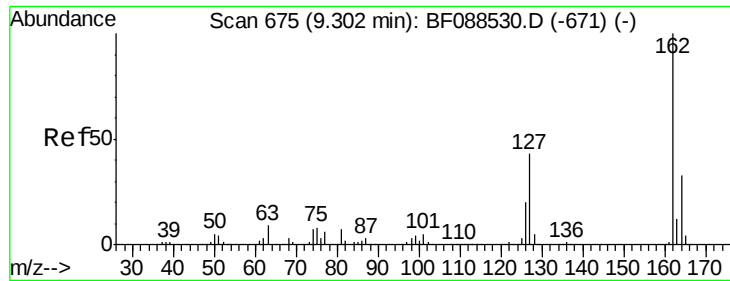
#45
1,1'-Biphenyl
Concen: 38.69 ng
RT: 9.24 min Scan# 670
Delta R.T. 0.00 min
Lab File: BF088709.D
Acq: 5 Jul 2016 18:12

Tgt Ion:154 Resp: 675398
Ion Ratio Lower Upper
154 100
153 40.4 20.6 60.6
76 8.5 0.0 35.1



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF0

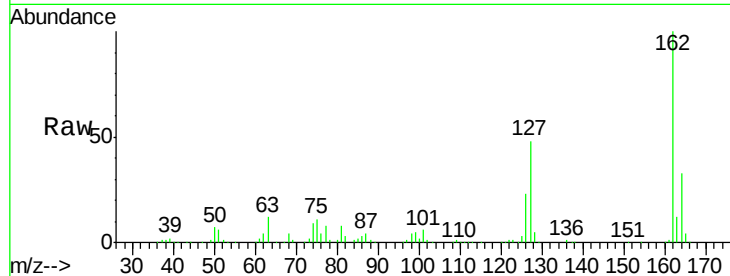




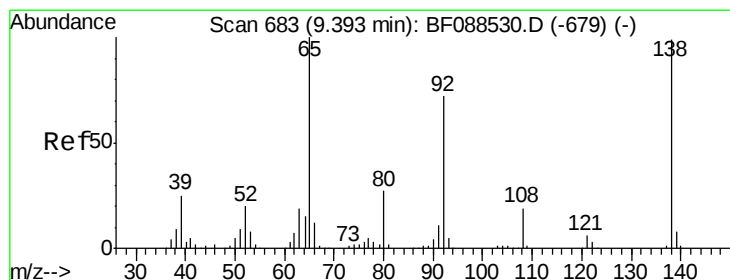
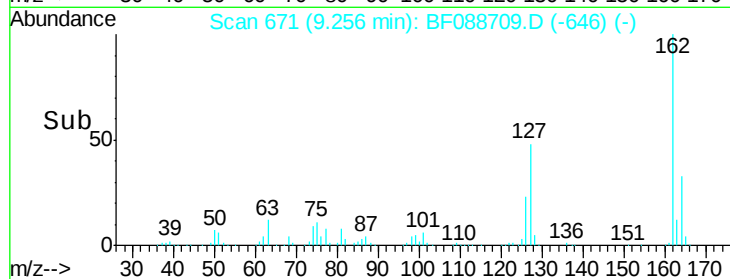
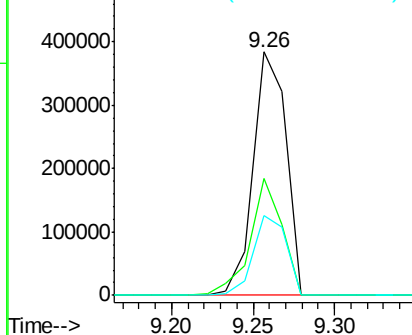
#46
2-Chloronaphthalene
Concen: 39.17 ng
RT: 9.26 min Scan# 671
Delta R.T. -0.01 min
Lab File: BF088709.D
Acq: 5 Jul 2016 18:12

Instrument :
BNA_F
ClientSampleId :
PB91727BS

Tot Ion	Ratio	Lower	Upper
162	100		
127	48.1	35.2	52.8
164	32.5	26.6	39.8

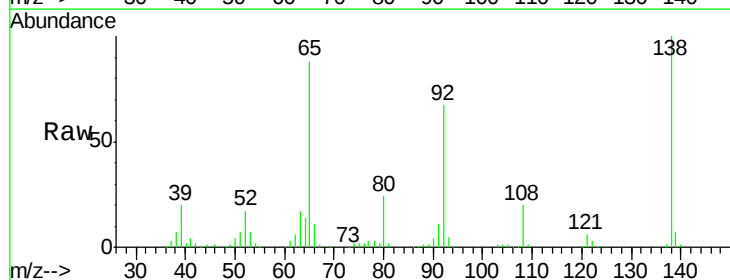


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

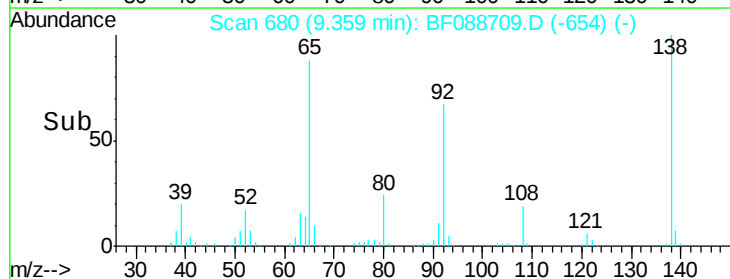
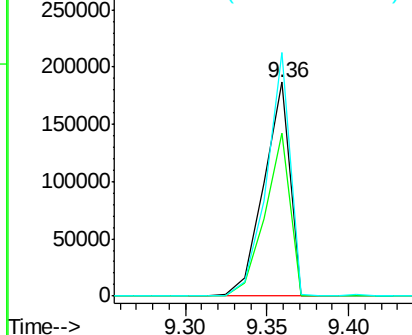


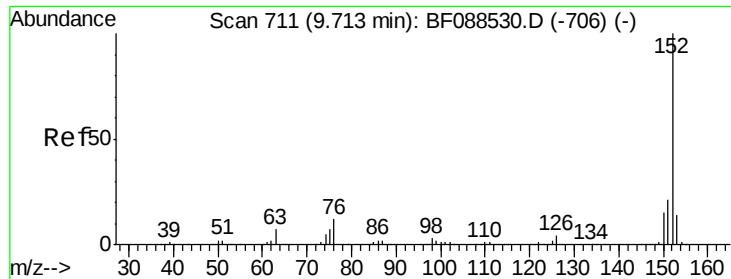
#47
2-Nitroaniline
Concen: 42.90 ng
RT: 9.36 min Scan# 680
Delta R.T. 0.00 min
Lab File: BF088709.D
Acq: 5 Jul 2016 18:12

Tgt Ion	Ratio	Lower	Upper
65	100		
92	75.9	54.6	82.0
138	113.8	77.0	115.4



Abundance Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0
Ion 138.00 (137.70 to 138.70): E





#48

Acenaphthylene

Concen: 42.04 ng

RT: 9.68 min Scan# 708

Delta R.T. 0.00 min

Lab File: BF088709.D

Acq: 5 Jul 2016 18:12

Instrument :

BNA_F

ClientSampleId :

PB91727BS

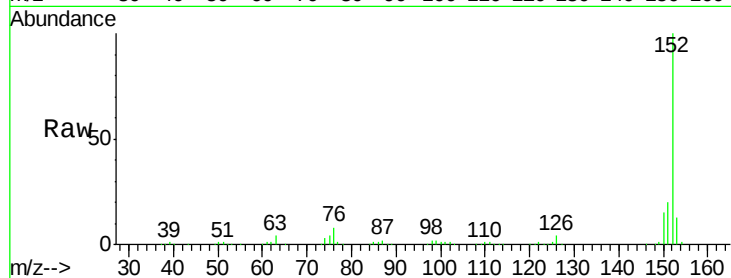
Tot Ion:152 Resp: 916656

Ion Ratio Lower Upper

152 100

151 20.4 16.2 24.4

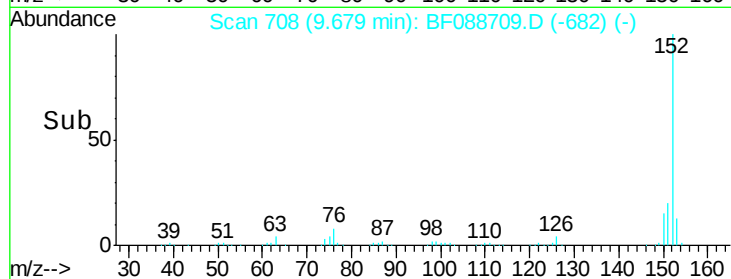
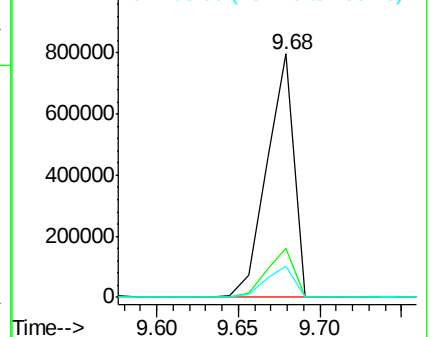
153 13.0 11.0 16.6



Abundance Ion 152.00 (151.70 to 152.70): E

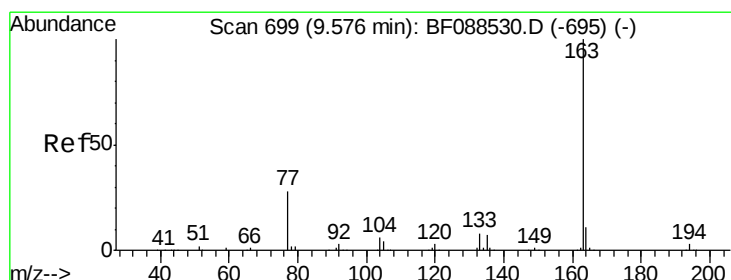
Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



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#49

Dimethylphthalate

Concen: 40.85 ng

RT: 9.54 min Scan# 696

Delta R.T. 0.00 min

Lab File: BF088709.D

Acq: 5 Jul 2016 18:12

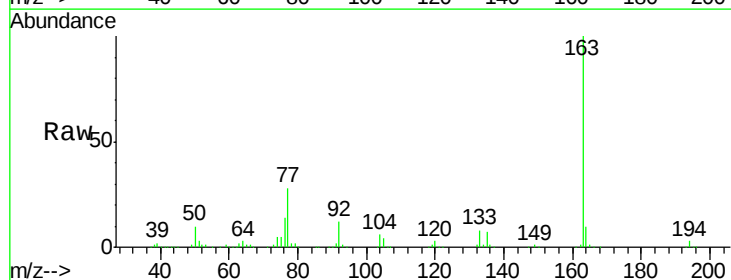
Tgt Ion:163 Resp: 613559

Ion Ratio Lower Upper

163 100

194 3.2 2.8 4.2

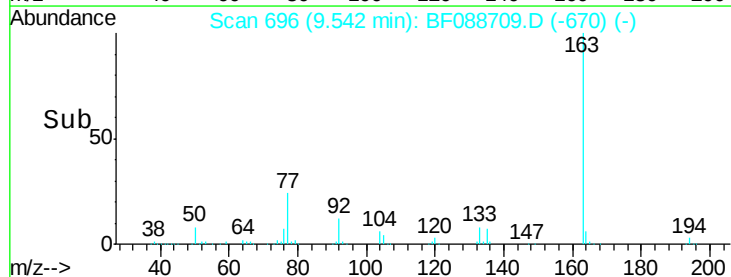
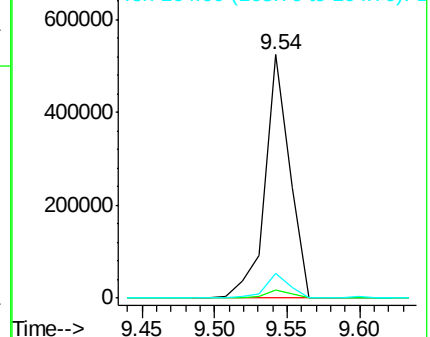
164 10.2 8.3 12.5

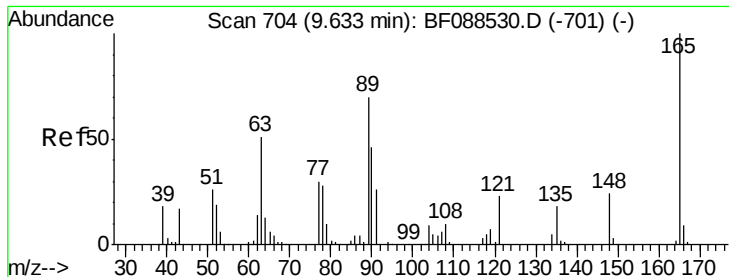


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

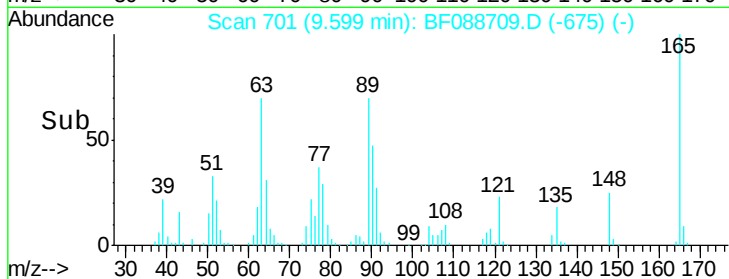
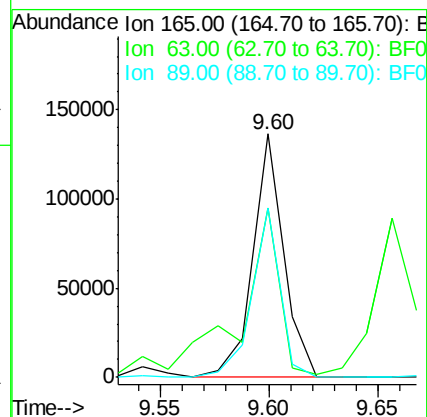
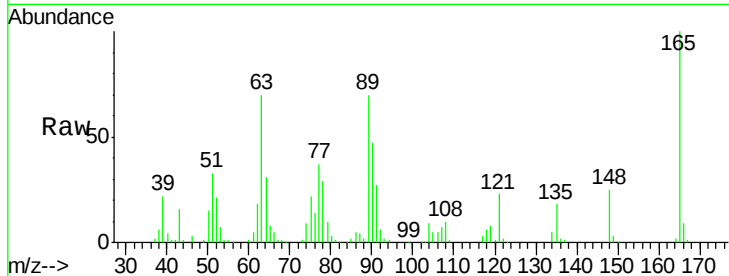




#50
2,6-Dinitrotoluene
Concen: 40.36 ng
RT: 9.60 min Scan# 701
Delta R.T. 0.00 min
Lab File: BF088709.D
Acq: 5 Jul 2016 18:12

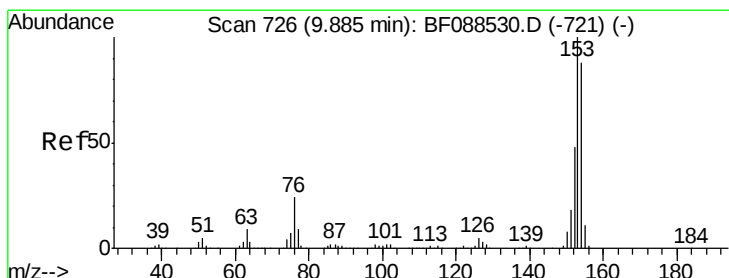
Instrument :
BNA_F
ClientSampleId :
PB91727BS

Tot Ion:	165	Resp:	134354
Ion Ratio	Lower	Upper	
165	100		
63	69.5	28.1	42.1#
89	69.6	32.2	48.2#



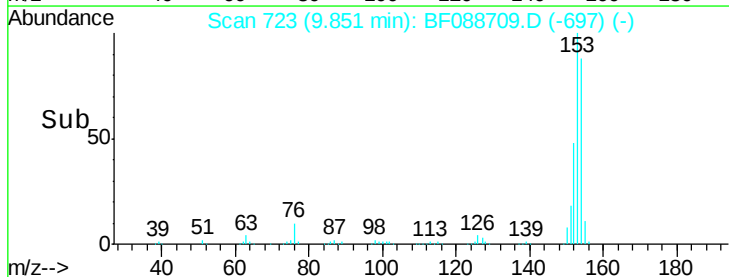
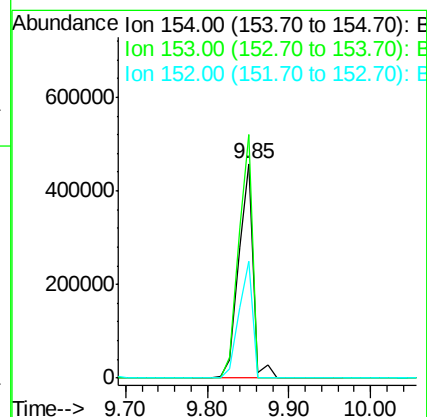
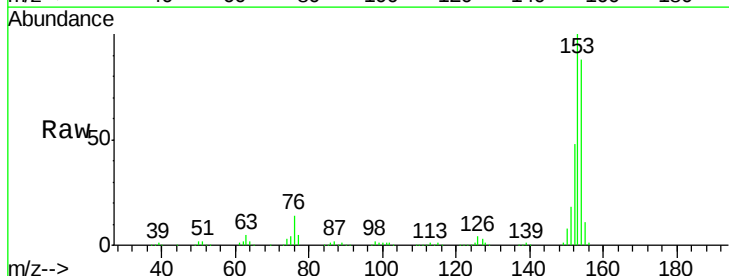
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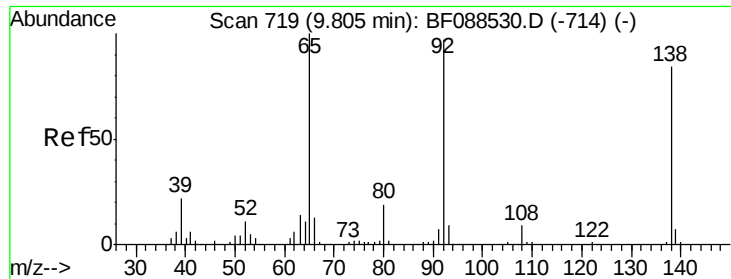
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#51
Acenaphthene
Concen: 42.34 ng
RT: 9.85 min Scan# 723
Delta R.T. 0.00 min
Lab File: BF088709.D
Acq: 5 Jul 2016 18:12

Tgt Ion:	154	Resp:	565888
Ion Ratio	Lower	Upper	
154	100		
153	113.4	89.5	134.3
152	54.4	42.7	64.1

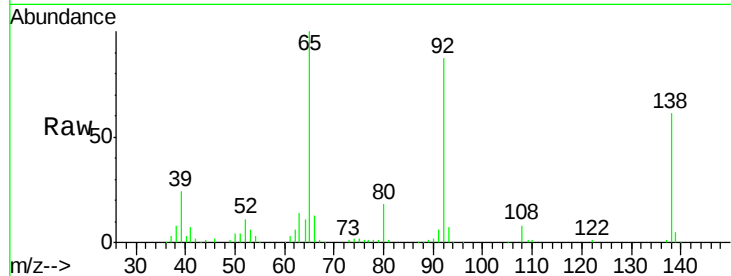




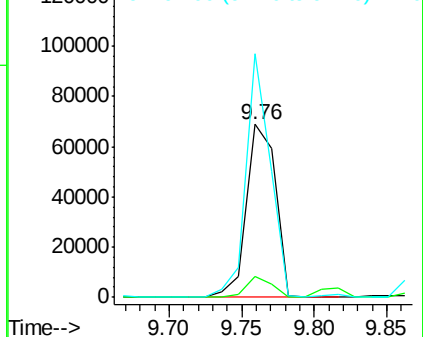
#52
3-Nitroaniline
Concen: 22.64 ng
RT: 9.76 min Scan# 715
Delta R.T. -0.01 min
Lab File: BF088709.D
Acq: 5 Jul 2016 18:12

Instrument :
BNA_F
ClientSampleId :
PB91727BS

Tot Ion:138 Resp: 95820
Ion Ratio Lower Upper
138 100
108 12.3 8.5 12.7
92 141.0 95.7 143.5

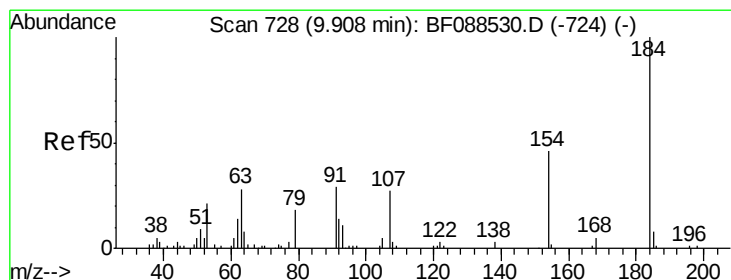
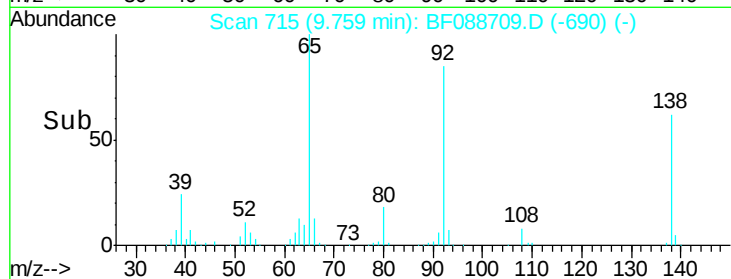


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF0



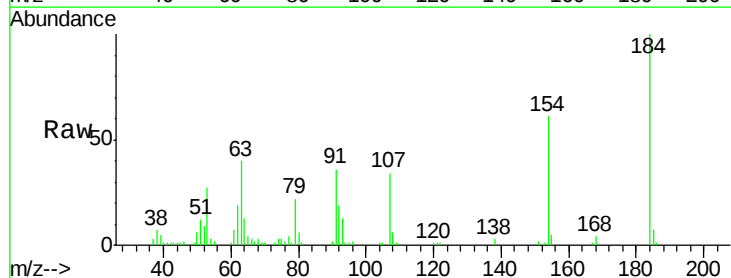
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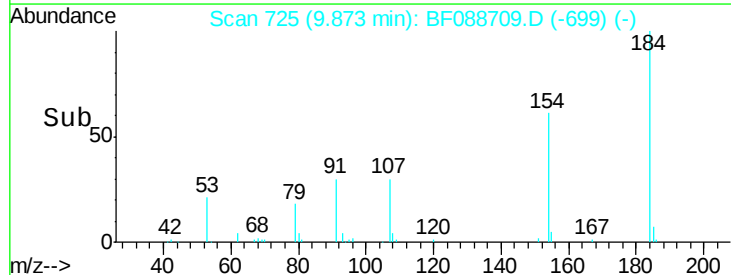
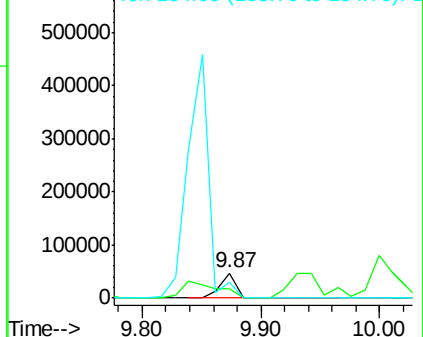


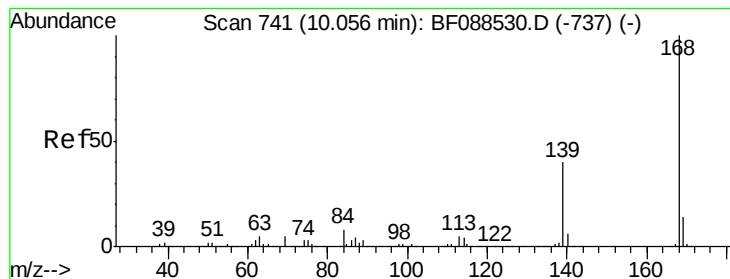
#53
2,4-Dinitrophenol
Concen: 29.98 ng
RT: 9.87 min Scan# 725
Delta R.T. 0.00 min
Lab File: BF088709.D
Acq: 5 Jul 2016 18:12

Tgt Ion:184 Resp: 44060
Ion Ratio Lower Upper
184 100
63 39.6 57.6 86.4#
154 60.5 53.5 80.3



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E





#54

Dibenzenofuran

Concen: 45.63 ng

RT: 10.02 min Scan# 738

Delta R.T. 0.00 min

Lab File: BF088709.D

Acq: 5 Jul 2016 18:12

Instrument :

BNA_F

ClientSampleId :

PB91727BS

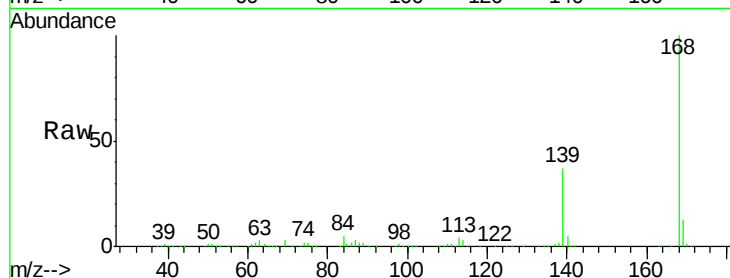
Tot Ion:168 Resp: 798352

Ion Ratio Lower Upper

168 100

139 37.2 26.4 39.6

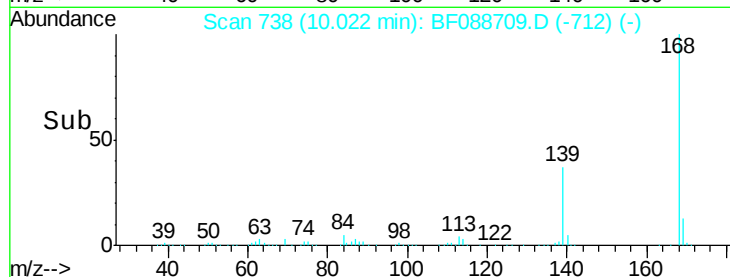
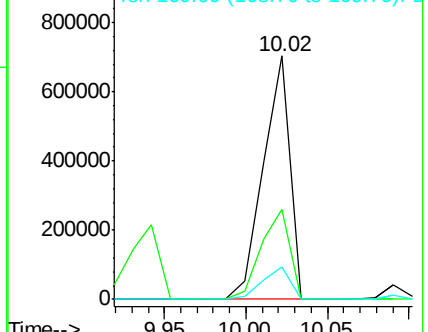
169 13.1 10.4 15.6



Abundance Ion 168.00 (167.70 to 168.70): E

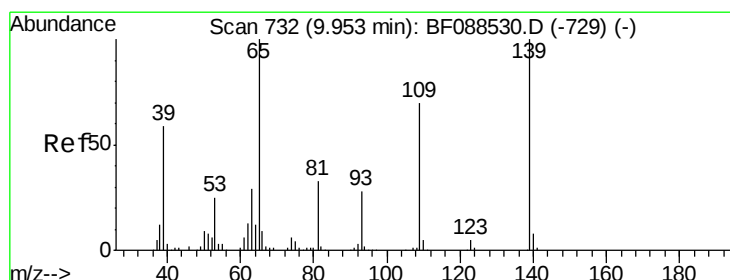
Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



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#55

4-Nitrophenol

Concen: 88.30 ng

RT: 9.94 min Scan# 731

Delta R.T. 0.01 min

Lab File: BF088709.D

Acq: 5 Jul 2016 18:12

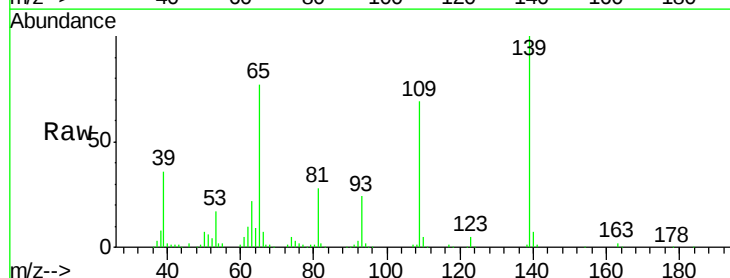
Tgt Ion:139 Resp: 283947

Ion Ratio Lower Upper

139 100

109 69.5 48.9 88.9

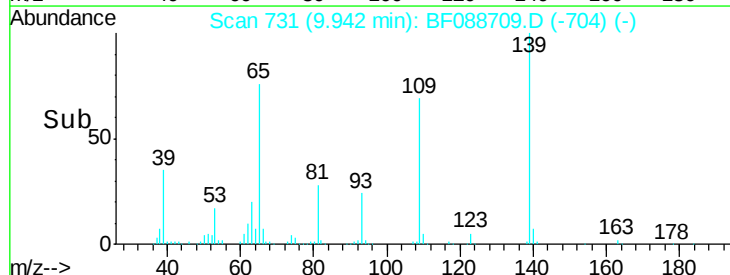
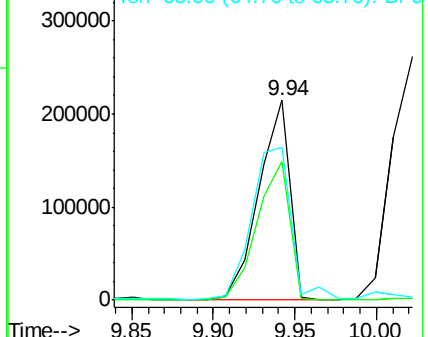
65 76.5 84.9 124.9#

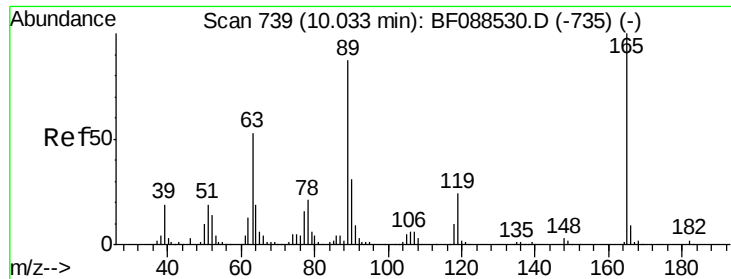


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0

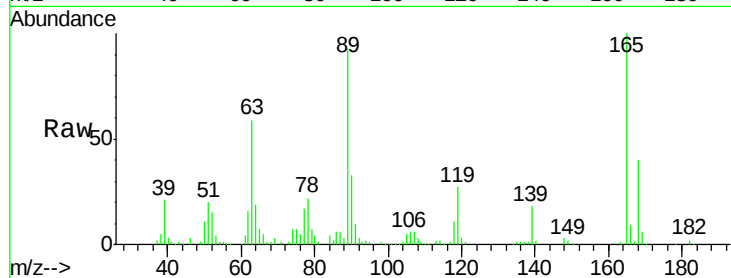




#56
2,4-Dinitrotoluene
Concen: 44.23 ng
RT: 10.00 min Scan# 736
Delta R.T. 0.00 min
Lab File: BF088709.D
Acq: 5 Jul 2016 18:12

Instrument :
BNA_F
ClientSampleId :
PB91727BS

Tot Ion	Ratio	Lower	Upper
165	100		
63	58.7	22.0	33.0#
89	92.8	41.1	61.7#
182	2.3	2.0	3.0



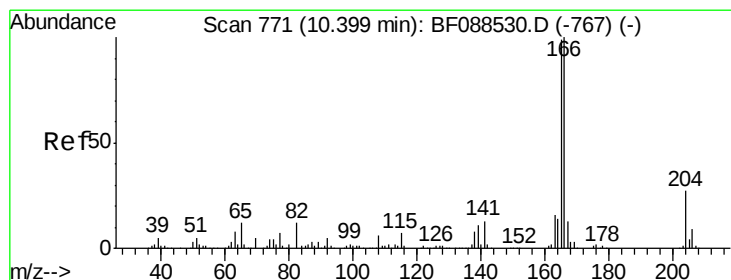
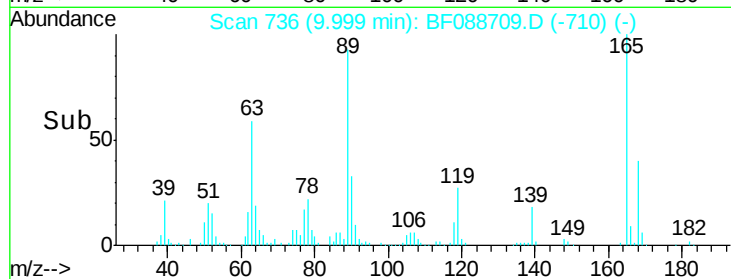
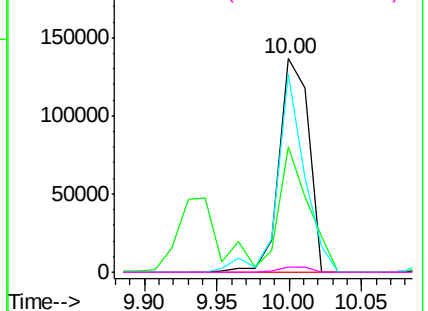
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

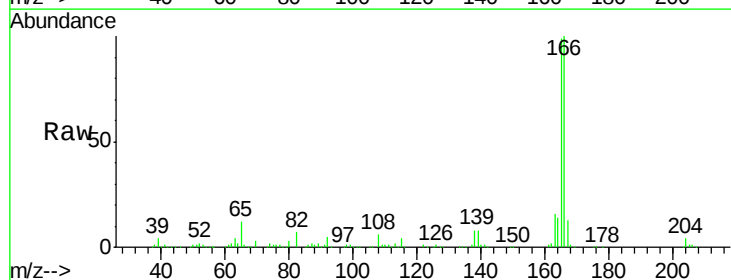
Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#57
Fluorene
Concen: 42.34 ng
RT: 10.36 min Scan# 768
Delta R.T. 0.01 min
Lab File: BF088709.D
Acq: 5 Jul 2016 18:12

Tgt Ion	Ratio	Lower	Upper
166	100		
165	99.2	77.8	116.8
167	13.0	11.2	16.8

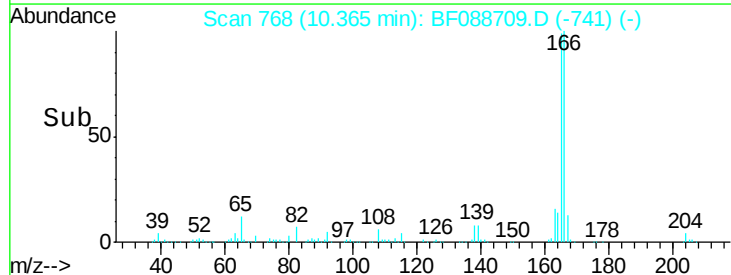
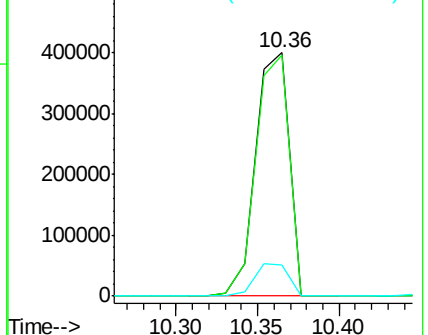


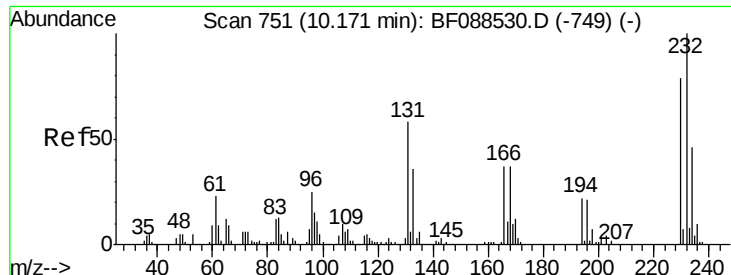
Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

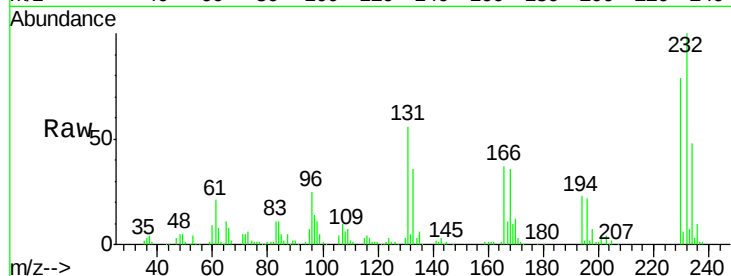




#58
2,3,4,6-Tetrachlorophenol
Concen: 47.86 ng
RT: 10.14 min Scan# 748
Delta R.T. 0.00 min
Lab File: BF088709.D
Acq: 5 Jul 2016 18:12

Instrument :
BNA_F
ClientSampleId :
PB91727BS

Tot Ion	Ratio	Lower	Upper
232	100		
131	57.8	0.9	1.3#
130	2.9	1.5	2.3#
166	36.6	0.5	0.7#

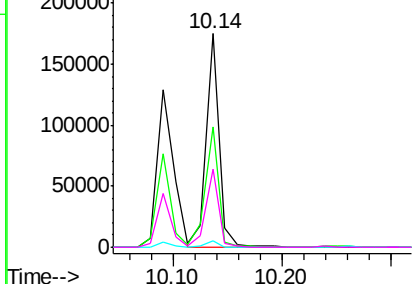
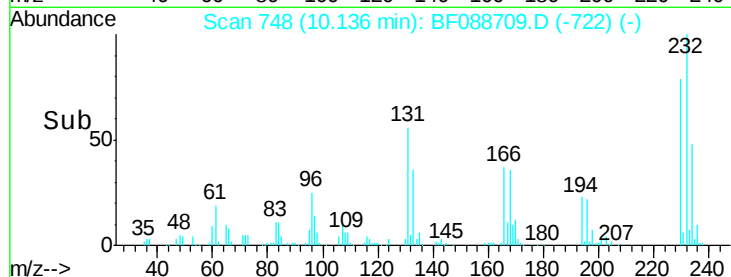


Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

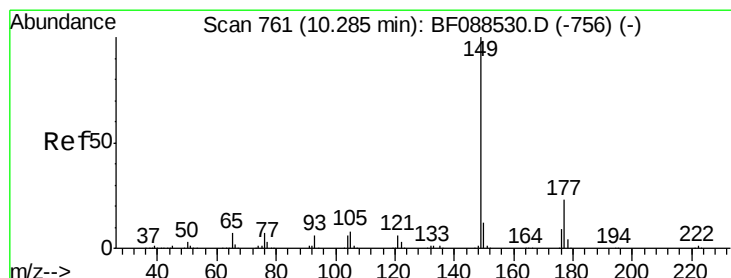
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



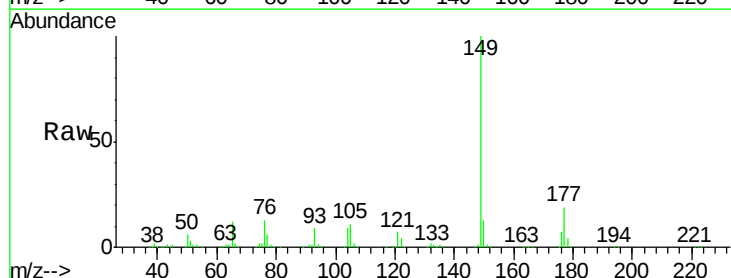
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#59
Diethylphthalate
Concen: 41.14 ng
RT: 10.24 min Scan# 757
Delta R.T. 0.00 min
Lab File: BF088709.D
Acq: 5 Jul 2016 18:12

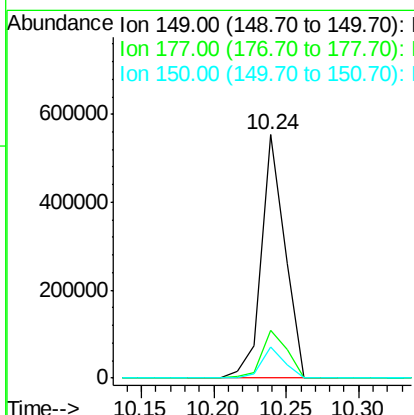
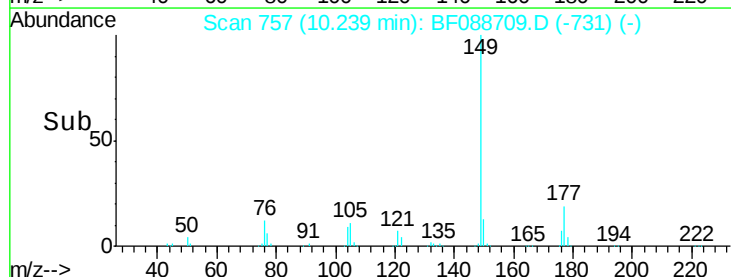
Tgt Ion	Ratio	Lower	Upper
149	100		
177	19.4	16.9	25.3
150	13.0	10.1	15.1

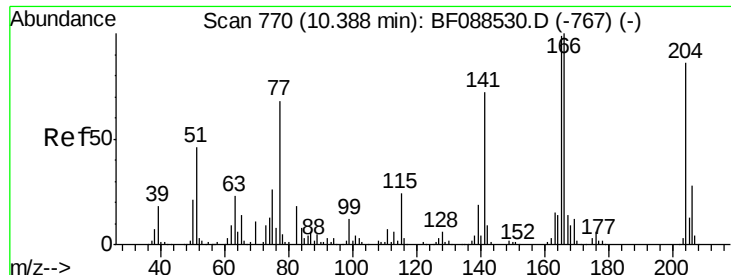


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

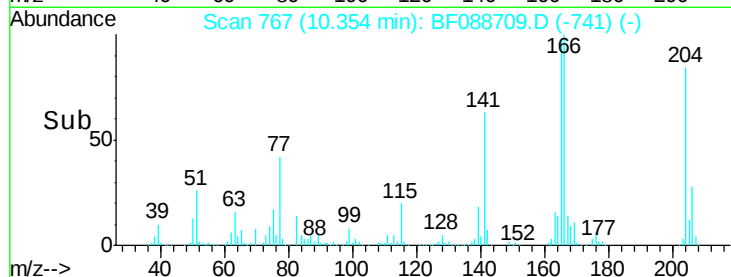
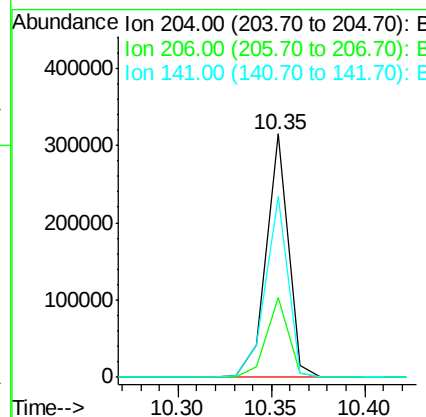
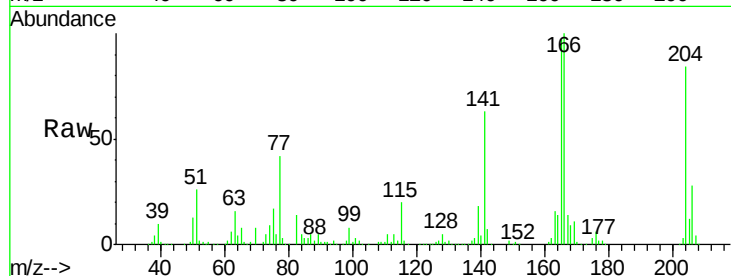




#60
 4-Chlorophenyl-phenylether
 Concen: 41.10 ng
 RT: 10.35 min Scan# 767
 Delta R.T. 0.00 min
 Lab File: BF088709.D
 Acq: 5 Jul 2016 18:12

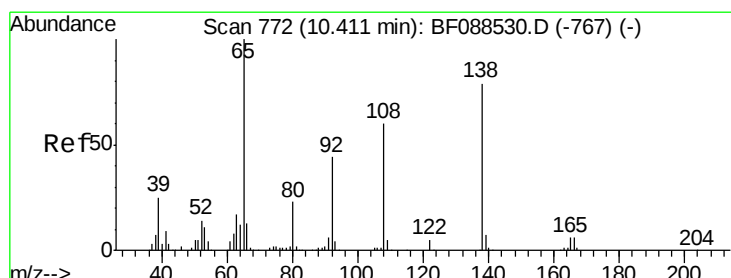
Instrument :
 BNA_F
 ClientSampled :
 PB91727BS

Tot Ion:	204	Resp:	257465
Ion Ratio	Lower	Upper	
204	100		
206	32.8	26.3	39.5
141	74.4	55.0	82.6



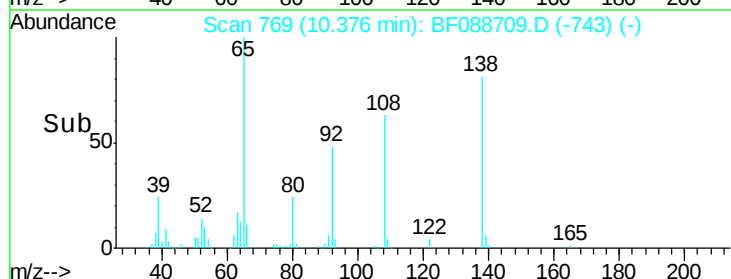
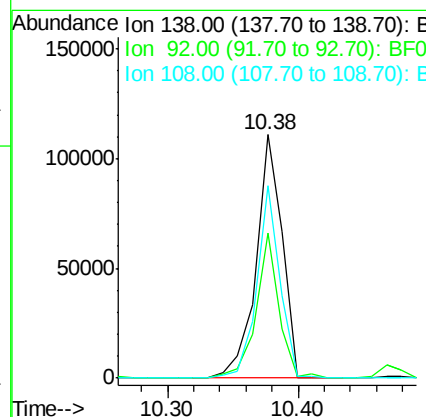
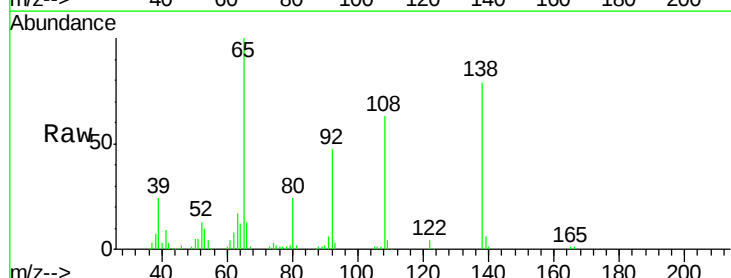
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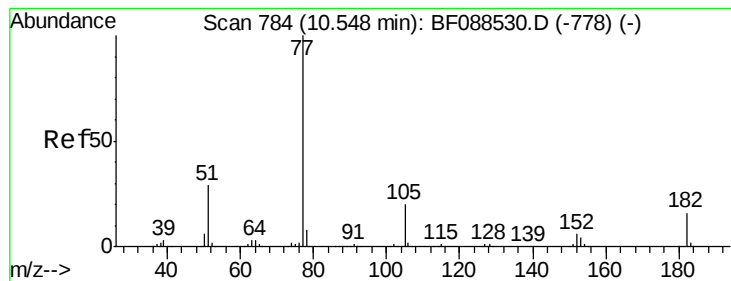
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#61
 4-Nitroaniline
 Concen: 37.80 ng
 RT: 10.38 min Scan# 769
 Delta R.T. 0.00 min
 Lab File: BF088709.D
 Acq: 5 Jul 2016 18:12

Tgt Ion:	138	Resp:	153933
Ion Ratio	Lower	Upper	
138	100		
92	59.4	27.3	67.3
108	79.1	46.7	86.7





#62

Azobenzene

Concen: 45.30 ng

RT: 10.51 min Scan# 781

Delta R.T. 0.00 min

Lab File: BF088709.D

Acq: 5 Jul 2016 18:12

Instrument :

BNA_F

ClientSampleId :

PB91727BS

Tot Ion: 77 Resp: 778963

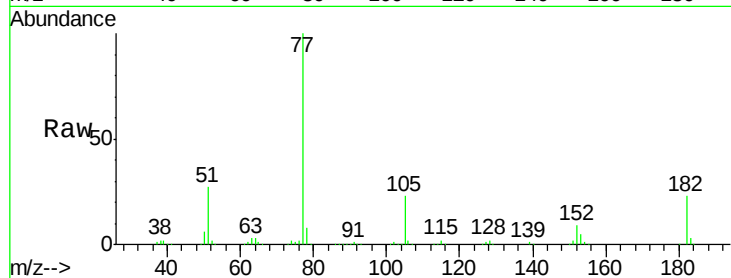
Ion Ratio Lower Upper

77 100

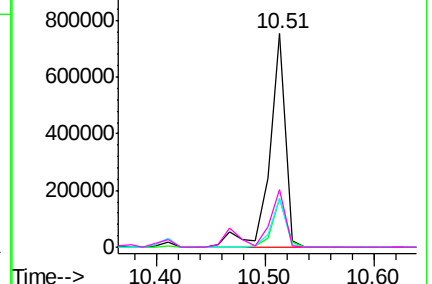
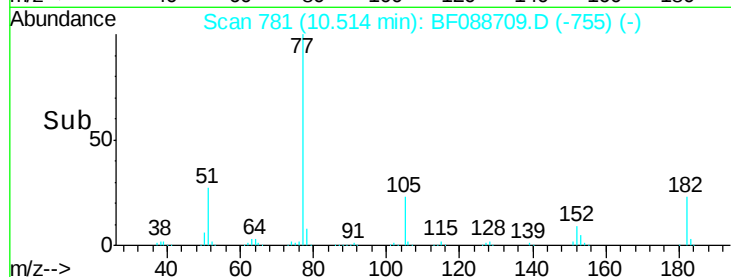
182 22.7 4.4 44.4

105 22.8 3.8 43.8

51 26.7 9.3 49.3

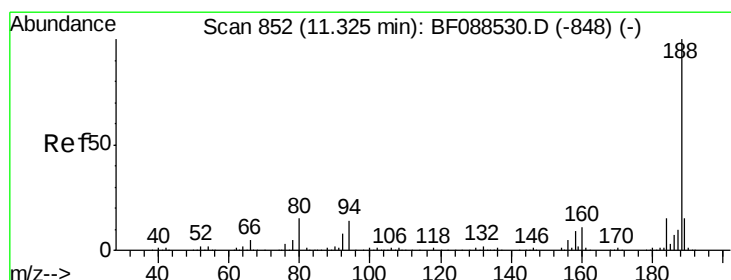


Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF0



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#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.29 min Scan# 849

Delta R.T. 0.00 min

Lab File: BF088709.D

Acq: 5 Jul 2016 18:12

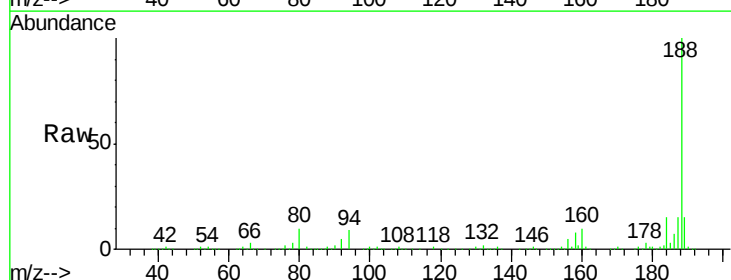
Tgt Ion: 188 Resp: 402616

Ion Ratio Lower Upper

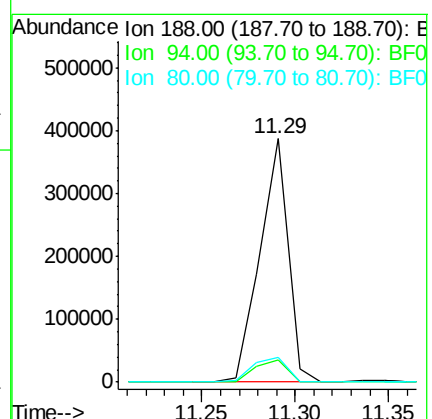
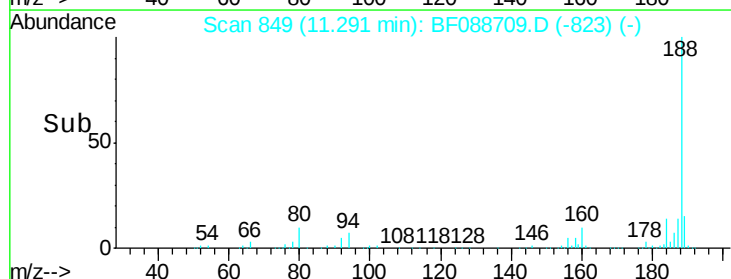
188 100

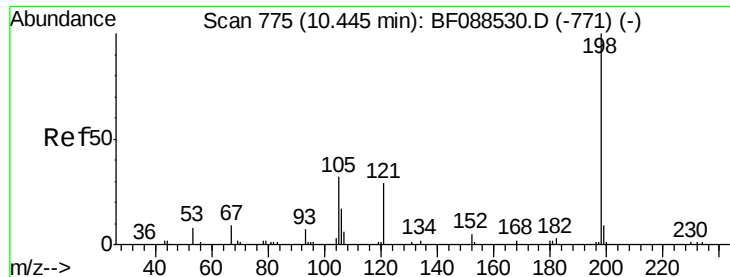
94 9.1 9.0 13.6

80 10.0 10.0 15.0



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0





#64

4,6-Dinitro-2-methylphenol

Concen: 27.33 ng

RT: 10.41 min Scan# 772

Delta R.T. 0.00 min

Lab File: BF088709.D

Acq: 5 Jul 2016 18:12

Instrument :

BNA_F

ClientSampled :

PB91727BS

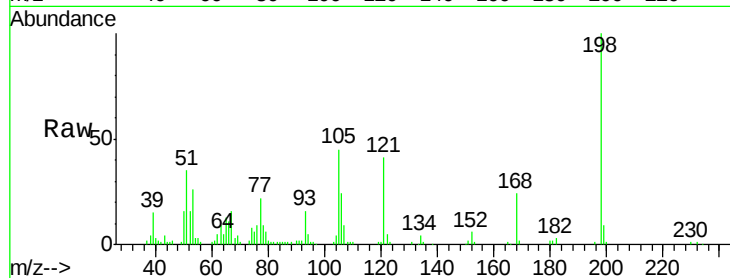
Tot Ion:198 Resp: 58854

Ion Ratio Lower Upper

198 100

51 35.1 39.6 79.6#

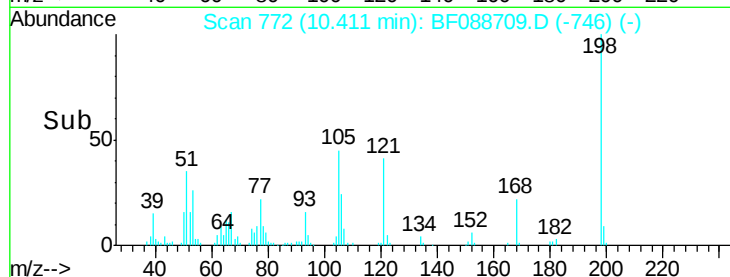
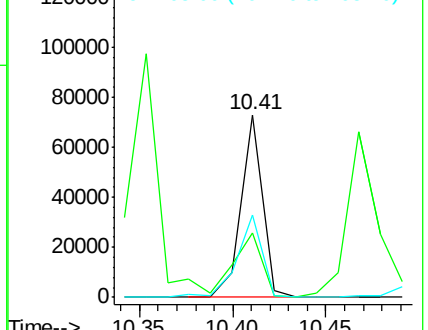
105 44.9 36.6 76.6



Abundance Ion 198.00 (197.70 to 198.70): E

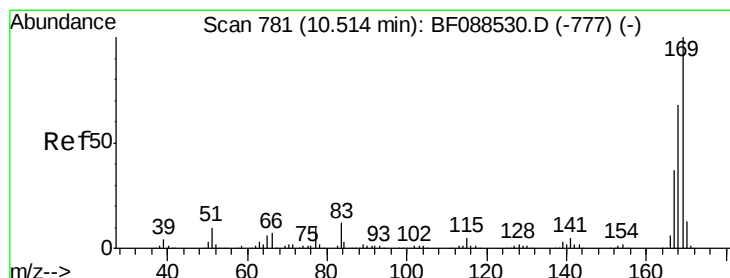
Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E



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#65

n-Nitrosodiphenylamine

Concen: 40.35 ng

RT: 10.48 min Scan# 778

Delta R.T. 0.01 min

Lab File: BF088709.D

Acq: 5 Jul 2016 18:12

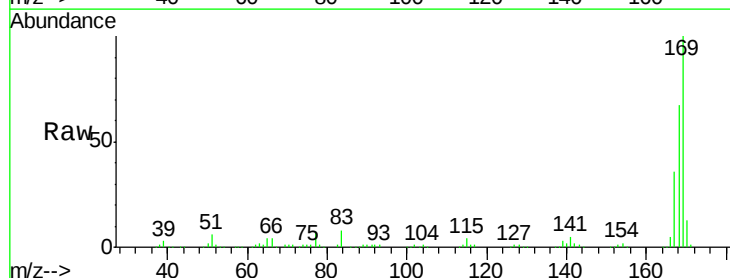
Tgt Ion:169 Resp: 549862

Ion Ratio Lower Upper

169 100

168 66.9 53.4 80.0

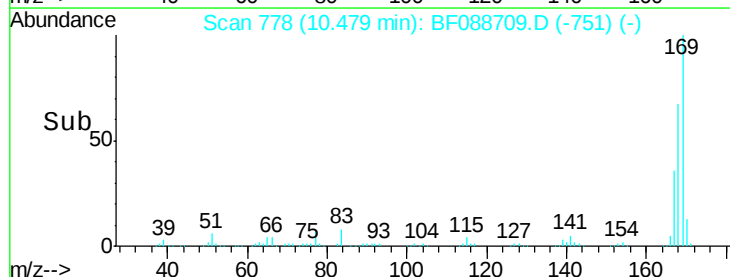
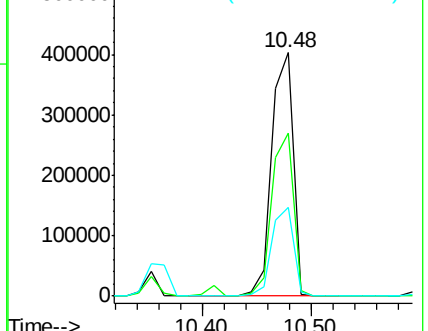
167 36.4 29.4 44.0

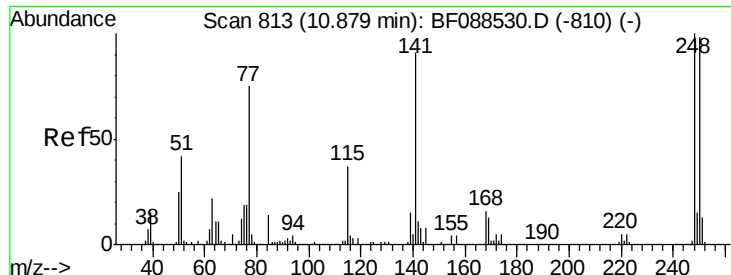


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

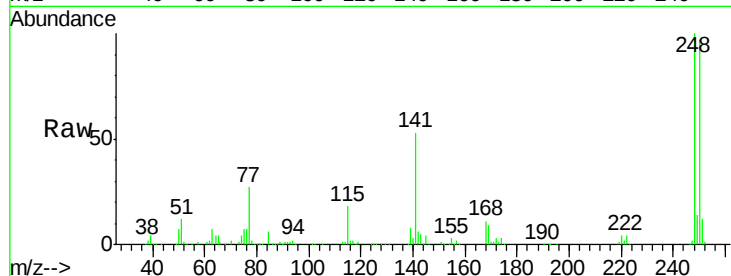




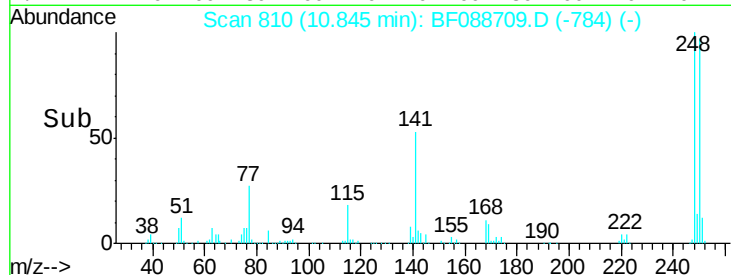
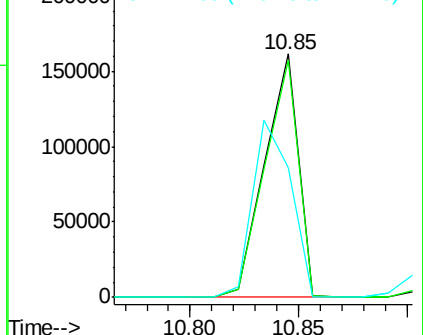
#66
4-Bromophenyl-phenylether
Concen: 43.24 ng
RT: 10.85 min Scan# 810
Delta R.T. 0.00 min
Lab File: BF088709.D
Acq: 5 Jul 2016 18:12

Instrument :
BNA_F
ClientSampleId :
PB91727BS

Tot Ion:248 Resp: 175426
Ion Ratio Lower Upper
248 100
250 97.3 77.1 115.7
141 53.4 50.6 76.0

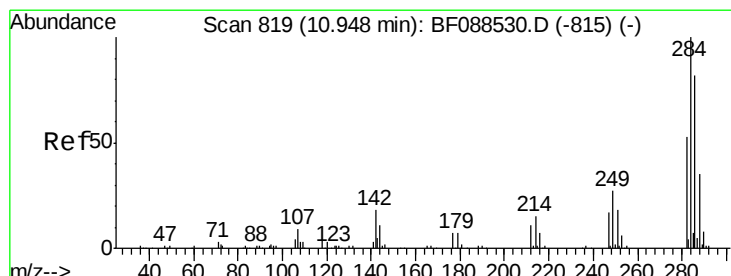


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E



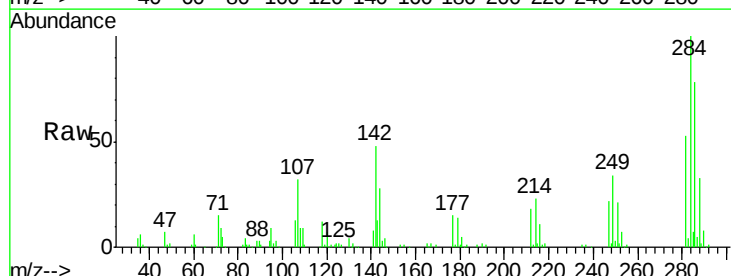
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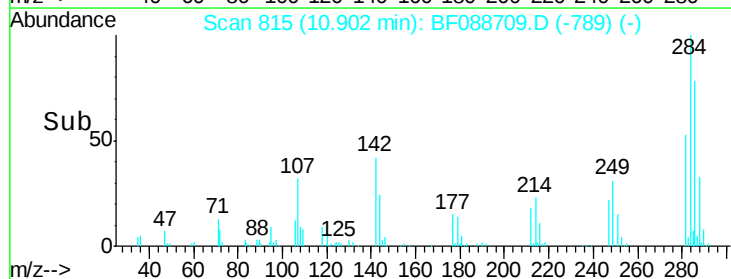
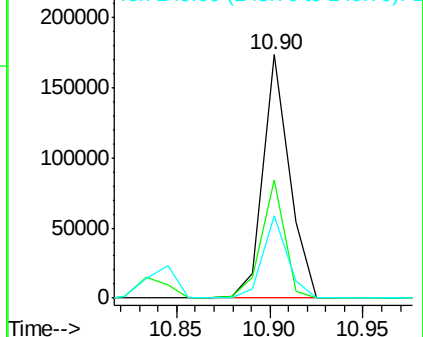


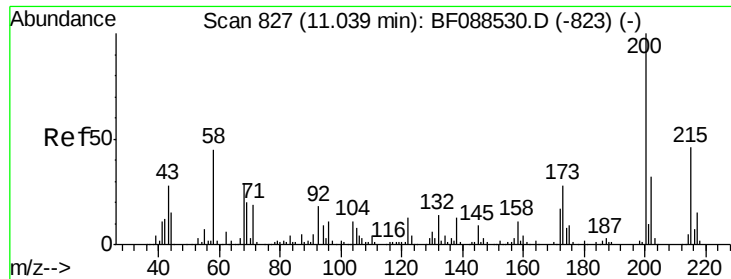
#67
Hexachlorobenzene
Concen: 37.63 ng
RT: 10.90 min Scan# 815
Delta R.T. 0.00 min
Lab File: BF088709.D
Acq: 5 Jul 2016 18:12

Tgt Ion:284 Resp: 169024
Ion Ratio Lower Upper
284 100
142 48.4 35.8 53.8
249 33.7 25.8 38.6



Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

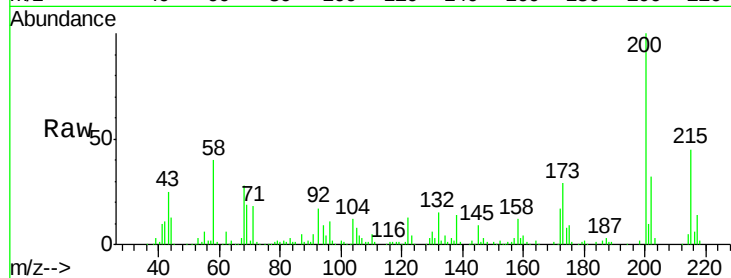




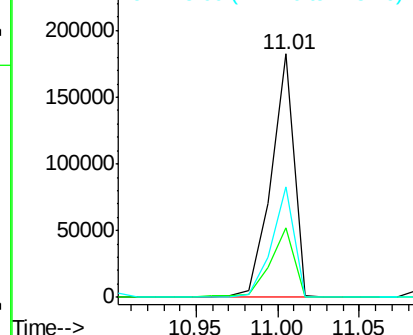
#68
Atrazine
Concen: 42.28 ng
RT: 11.01 min Scan# 824
Delta R.T. 0.00 min
Lab File: BF088709.D
Acq: 5 Jul 2016 18:12

Instrument :
BNA_F
ClientSampled :
PB91727BS

Tot Ion	Ratio	Lower	Upper
200	100		
173	28.6	4.0	44.0
215	45.2	29.3	69.3

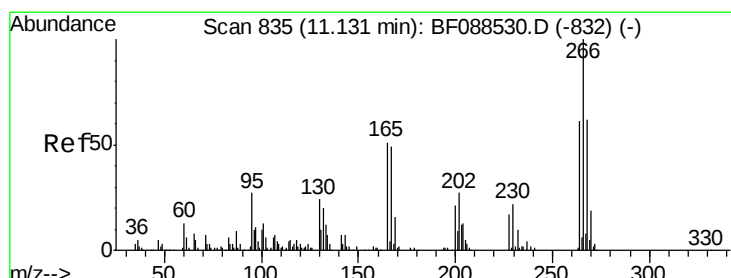
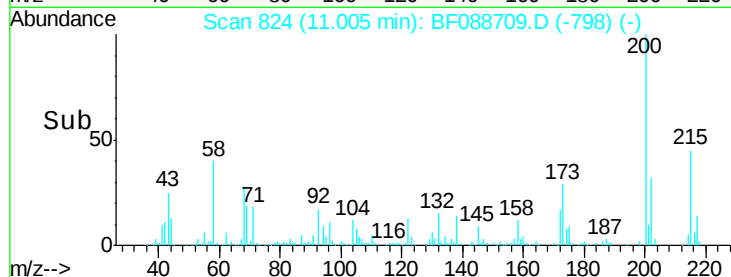


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E



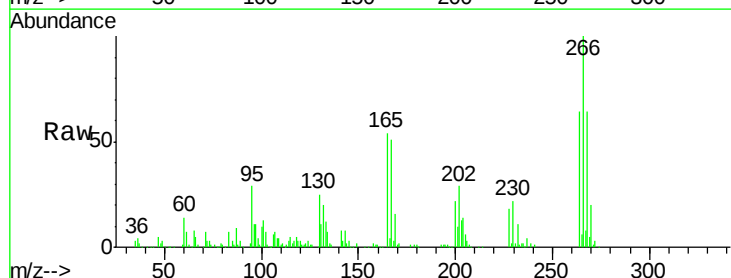
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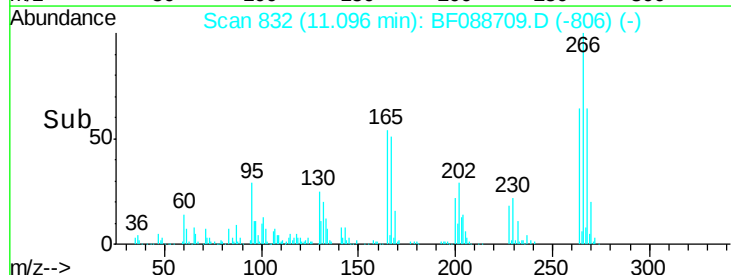
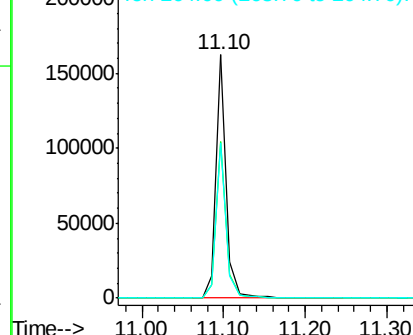


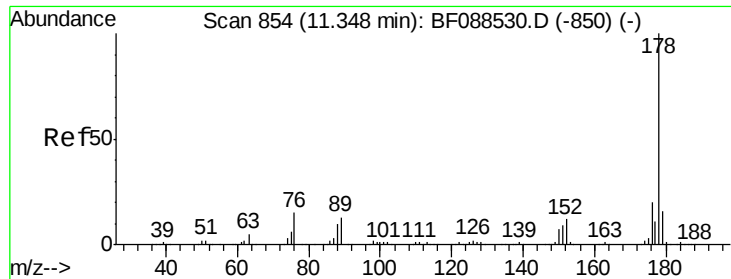
#69
Pentachlorophenol
Concen: 54.39 ng
RT: 11.10 min Scan# 832
Delta R.T. 0.00 min
Lab File: BF088709.D
Acq: 5 Jul 2016 18:12

Tgt Ion	Ratio	Lower	Upper
266	100		
268	64.1	52.8	79.2
264	64.0	49.6	74.4



Abundance Ion 265.70 (265.40 to 266.40): E
Ion 268.00 (267.70 to 268.70): E
Ion 264.00 (263.70 to 264.70): E

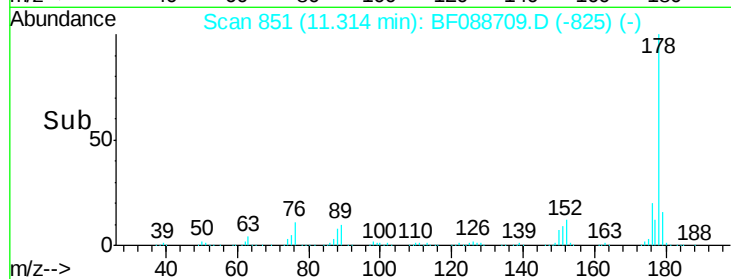
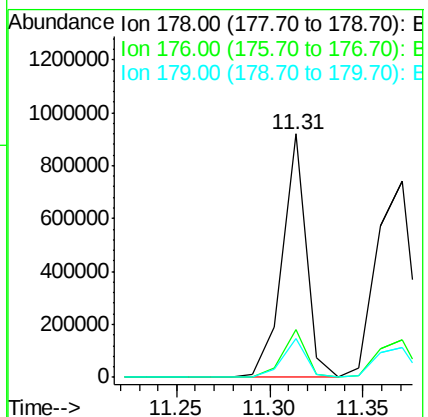
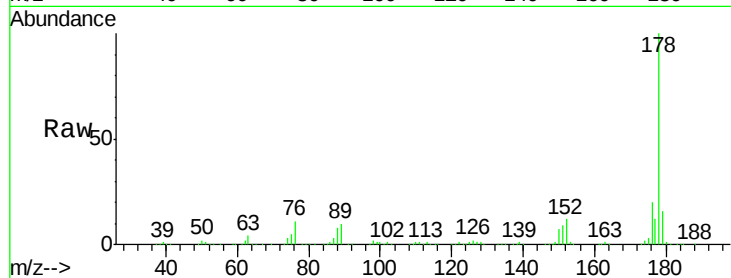




#70
Phenanthrene
Concen: 37.27 ng
RT: 11.31 min Scan# 851
Delta R.T. 0.00 min
Lab File: BF088709.D
Acq: 5 Jul 2016 18:12

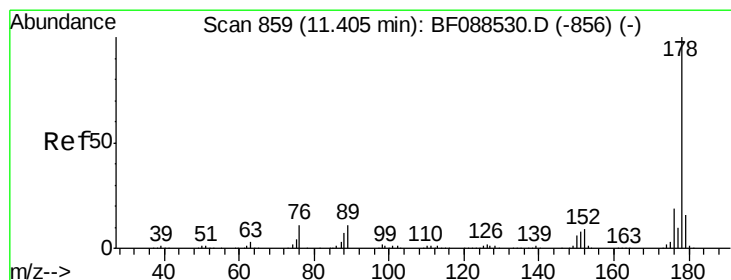
Instrument :
BNA_F
ClientSampleId :
PB91727BS

Tot Ion:178 Resp: 820341
Ion Ratio Lower Upper
178 100
176 19.8 15.8 23.6
179 15.8 13.0 19.4



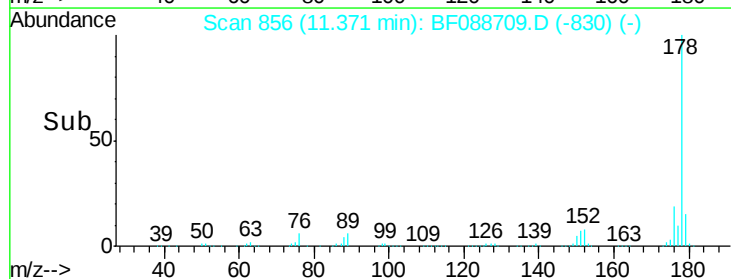
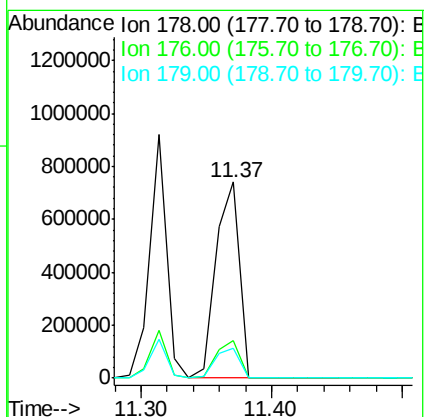
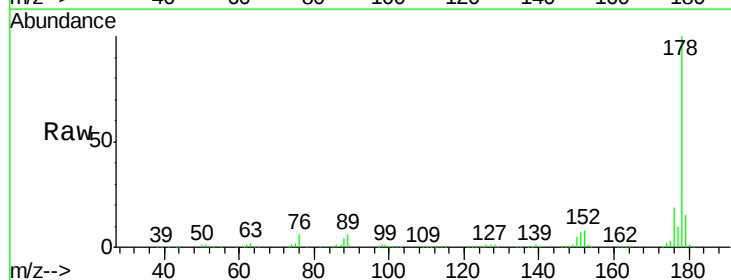
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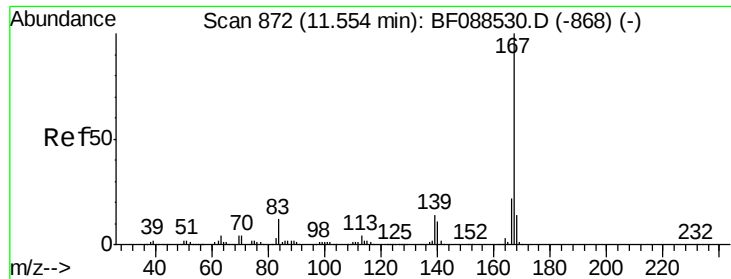
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#71
Anthracene
Concen: 42.51 ng
RT: 11.37 min Scan# 856
Delta R.T. 0.00 min
Lab File: BF088709.D
Acq: 5 Jul 2016 18:12

Tgt Ion:178 Resp: 930192
Ion Ratio Lower Upper
178 100
176 18.9 15.6 23.4
179 15.0 12.8 19.2

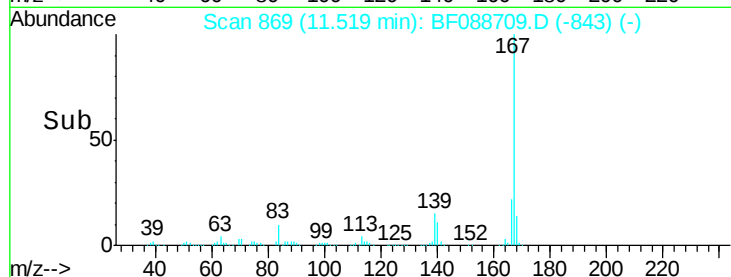
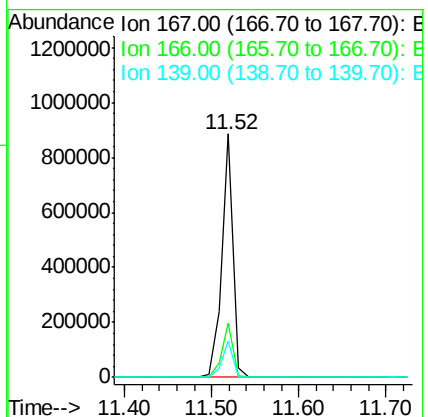
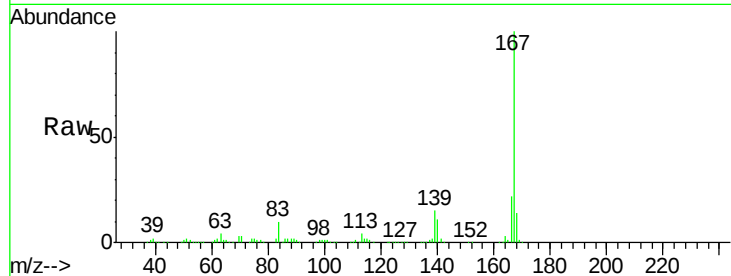




#72
 Carbazole
 Concen: 38.95 ng
 RT: 11.52 min Scan# 869
 Delta R.T. 0.00 min
 Lab File: BF088709.D
 Acq: 5 Jul 2016 18:12

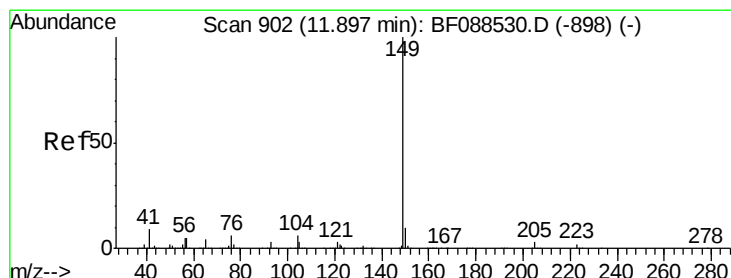
Instrument :
 BNA_F
 ClientSampleId :
 PB91727BS

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.3	17.8	26.6
139	14.7	11.2	16.8



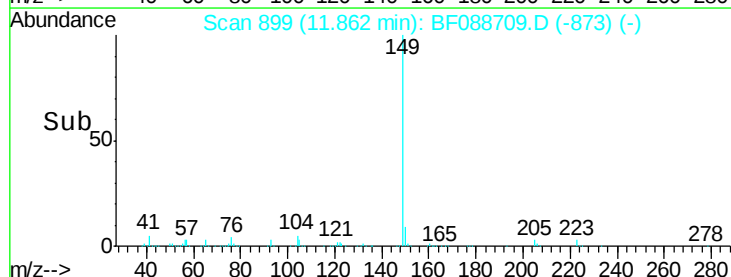
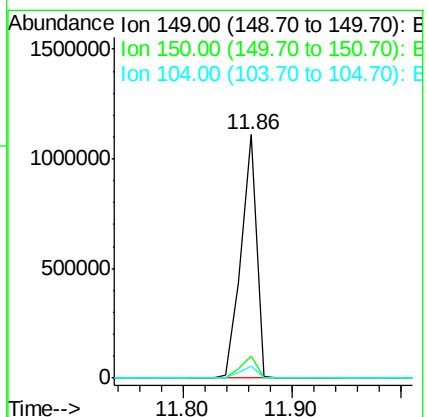
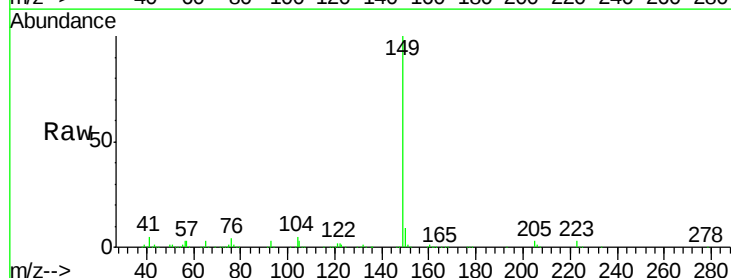
sohil

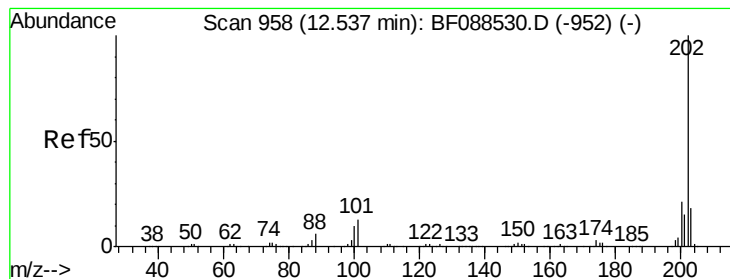
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#73
 Di-n-butylphthalate
 Concen: 44.77 ng
 RT: 11.86 min Scan# 899
 Delta R.T. 0.00 min
 Lab File: BF088709.D
 Acq: 5 Jul 2016 18:12

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.8	11.6
104	4.9	4.0	6.0

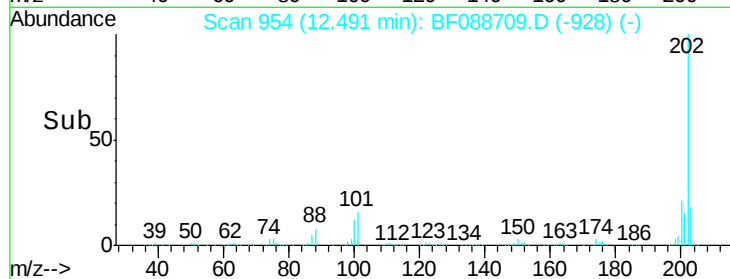
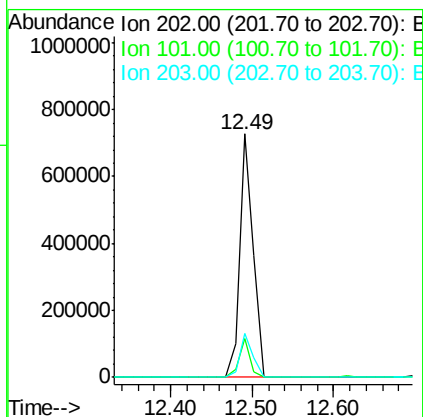
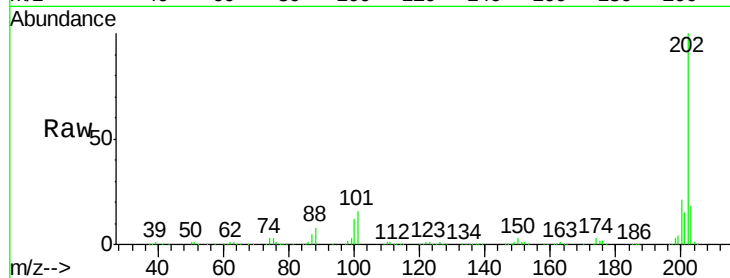




#74
Fluoranthene
 Concen: 36.99 ng
 RT: 12.49 min Scan# 954
 Delta R.T. 0.00 min
 Lab File: BF088709.D
 Acq: 5 Jul 2016 18:12

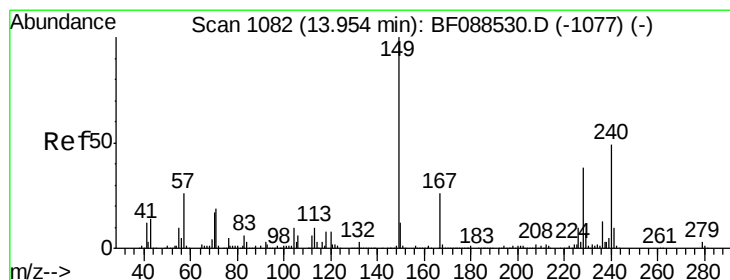
Instrument :
 BNA_F
 ClientSampleId :
 PB91727BS

Tot Ion:	202	Resp:	825320
Ion	Ratio	Lower	Upper
202	100		
101	15.8	0.0	33.1
203	17.8	0.0	38.1



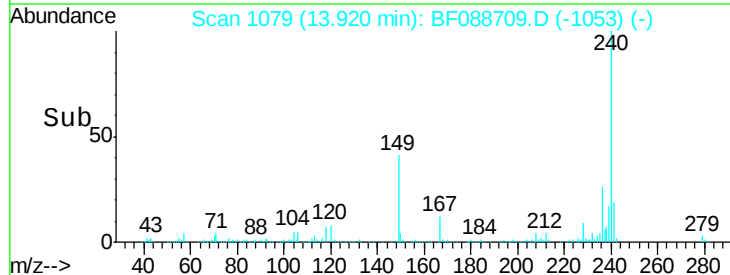
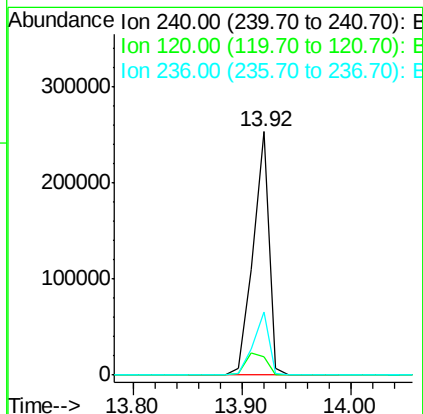
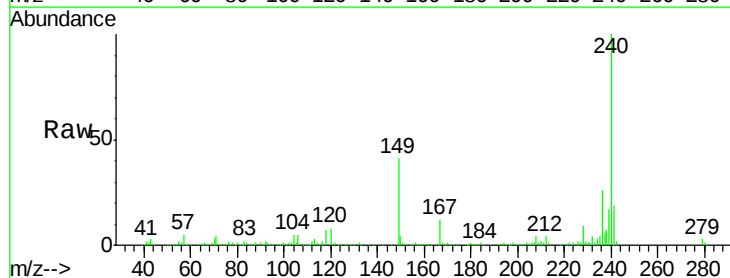
sohil

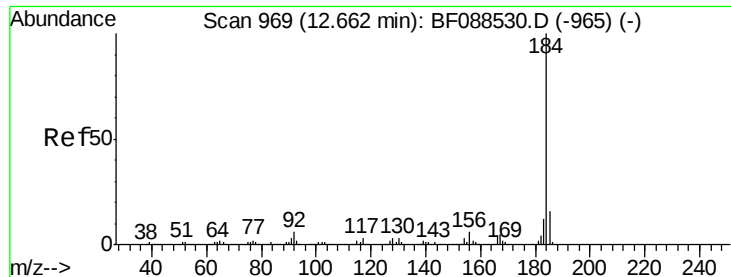
7/6/2016 7:19:14 PM



#75
Chrysene-d12
 Concen: 20.00 ng
 RT: 13.92 min Scan# 1079
 Delta R.T. 0.00 min
 Lab File: BF088709.D
 Acq: 5 Jul 2016 18:12

Tgt Ion:	240	Resp:	260187
Ion	Ratio	Lower	Upper
240	100		
120	7.8	6.8	10.2
236	25.8	20.2	30.2





#76

Benzidine

Concen: 43.15 ng

RT: 12.62 min Scan# 965

Delta R.T. 0.00 min

Lab File: BF088709.D

Acq: 5 Jul 2016 18:12

Instrument :

BNA_F

ClientSampleId :

PB91727BS

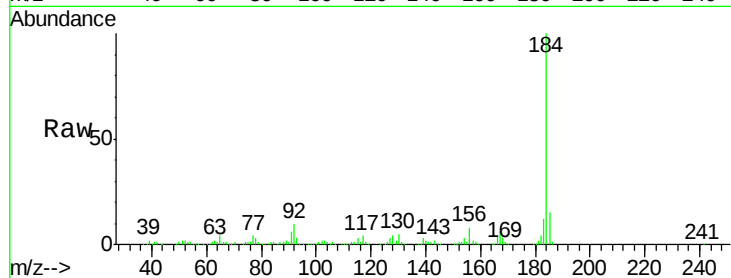
Tot Ion:184 Resp: 567418

Ion Ratio Lower Upper

184 100

185 14.7 12.5 18.7

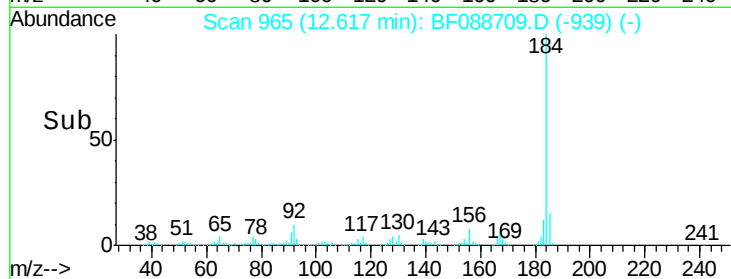
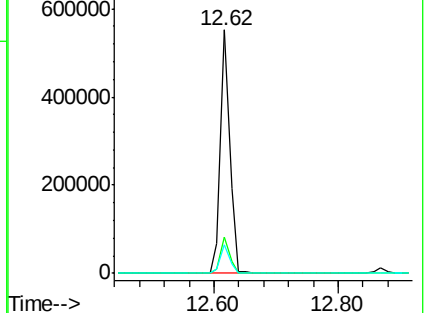
183 11.9 9.3 13.9



Abundance Ion 184.00 (183.70 to 184.70): E

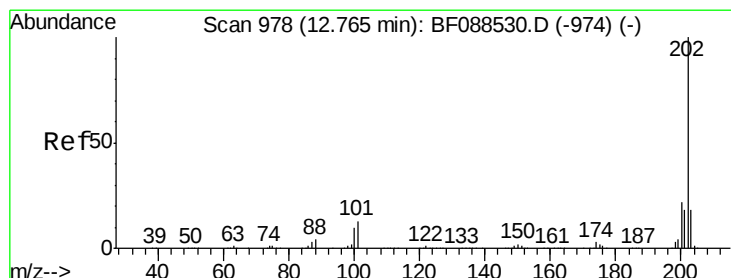
Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



sohil

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#77

Pyrene

Concen: 35.82 ng

RT: 12.72 min Scan# 974

Delta R.T. 0.00 min

Lab File: BF088709.D

Acq: 5 Jul 2016 18:12

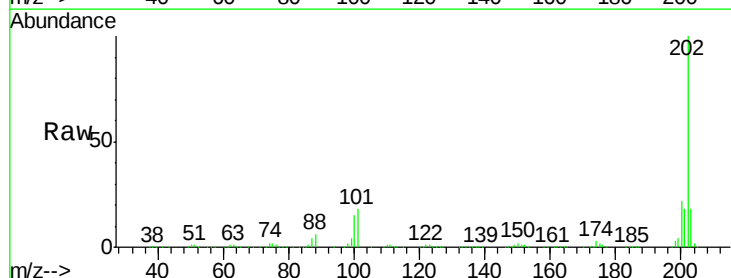
Tgt Ion:202 Resp: 790213

Ion Ratio Lower Upper

202 100

200 21.9 17.4 26.2

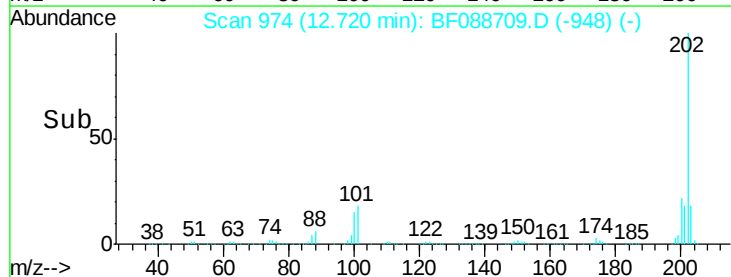
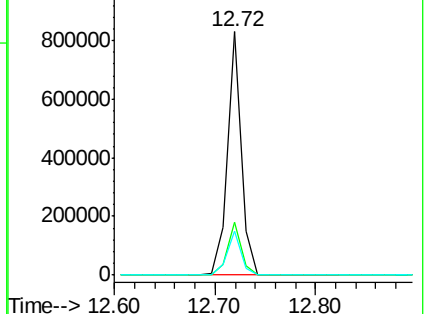
203 18.2 14.5 21.7

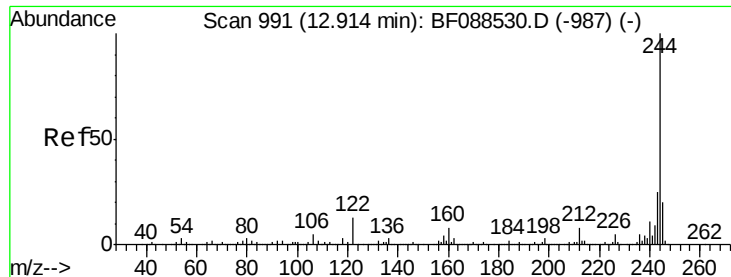


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

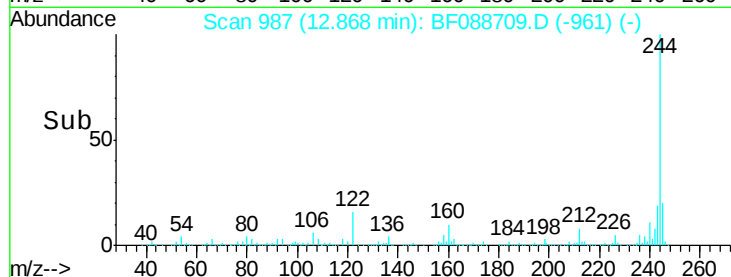
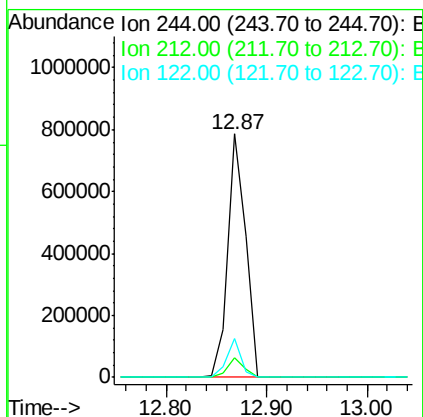
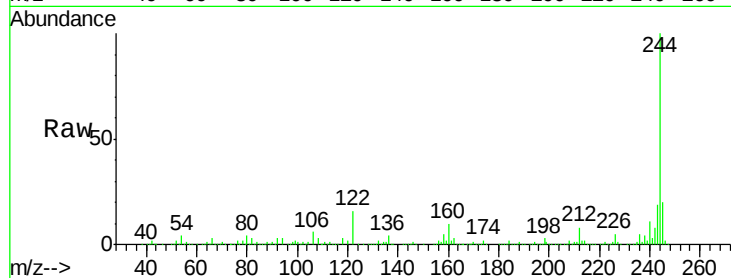




#78
 Terphenyl-d14
 Concen: 82.71 ng
 RT: 12.87 min Scan# 987
 Delta R.T. 0.00 min
 Lab File: BF088709.D
 Acq: 5 Jul 2016 18:12

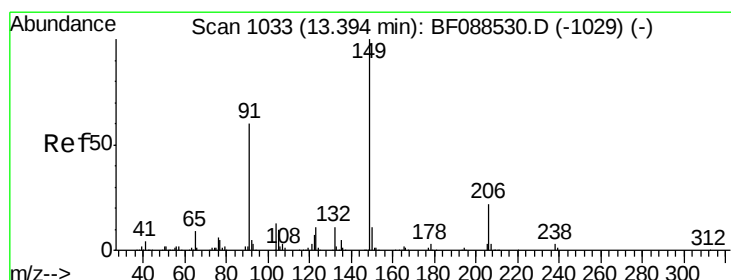
Instrument :
 BNA_F
 ClientSampleId :
 PB91727BS

Tot Ion	Ratio	Lower	Upper
244	100		
212	8.1	6.0	9.0
122	15.8	11.2	16.8



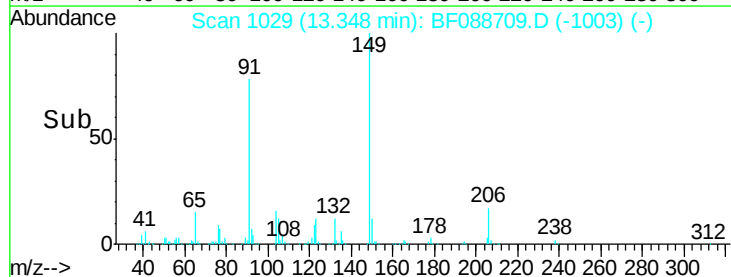
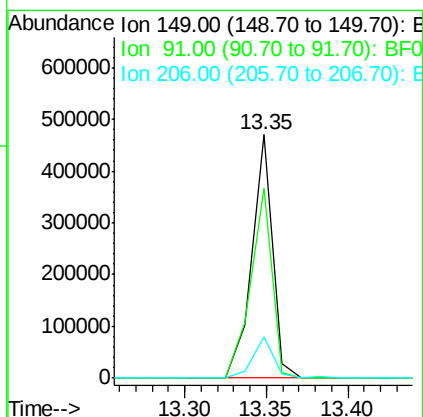
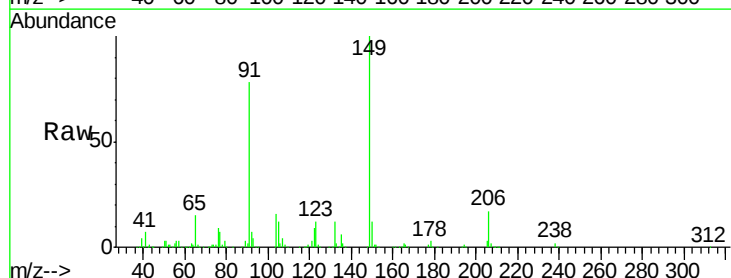
sohil

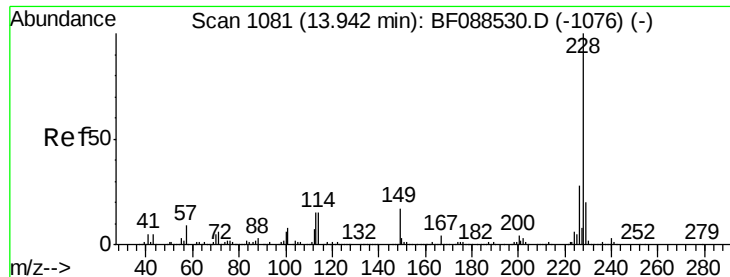
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#79
 Butylbenzylphthalate
 Concen: 41.99 ng
 RT: 13.35 min Scan# 1029
 Delta R.T. 0.00 min
 Lab File: BF088709.D
 Acq: 5 Jul 2016 18:12

Tgt Ion	Ratio	Lower	Upper
149	100		
91	77.9	48.0	72.0#
206	17.2	16.0	24.0

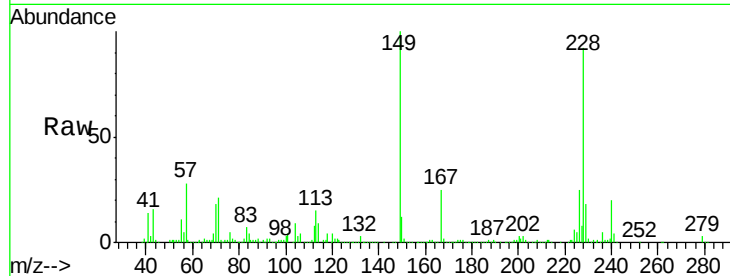




#80
Benzo(a)anthracene
Concen: 41.34 ng
RT: 13.91 min Scan# 1078
Delta R.T. 0.00 min
Lab File: BF088709.D
Acq: 5 Jul 2016 18:12

Instrument :
BNA_F
ClientSampleId :
PB91727BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.6	22.3	33.5
229	19.9	16.0	24.0

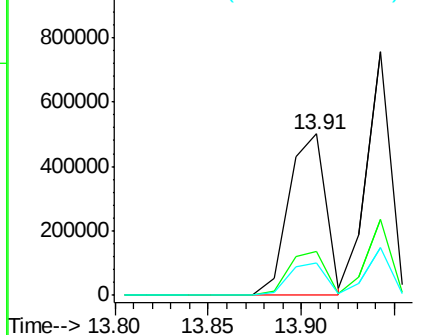


Abundance

Ion 228.00 (227.70 to 228.70): E

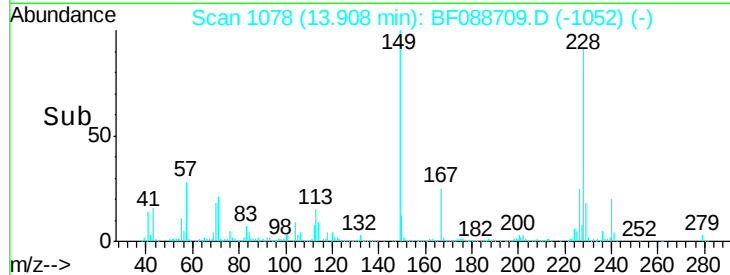
Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



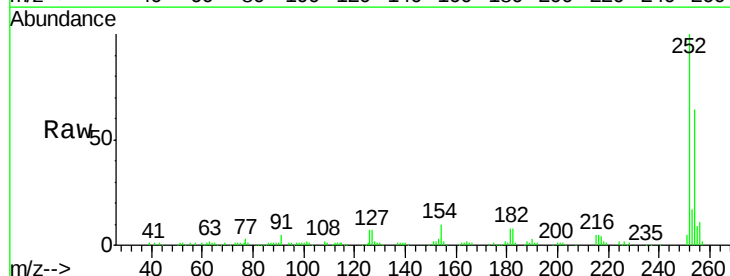
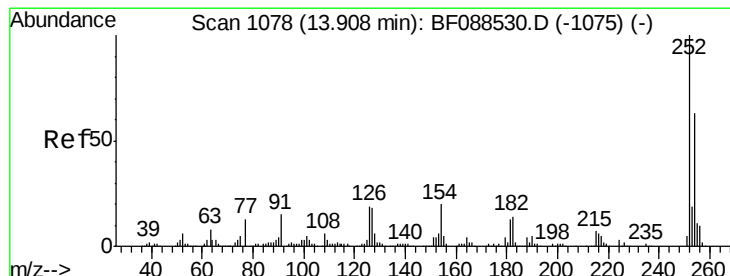
sohil

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#81
3,3'-Dichlorobenzidine
Concen: 19.46 ng
RT: 13.87 min Scan# 1075
Delta R.T. 0.00 min
Lab File: BF088709.D
Acq: 5 Jul 2016 18:12

Tgt Ion	Ratio	Lower	Upper
252	100		
254	63.8	52.6	78.8
126	7.3	6.2	9.2

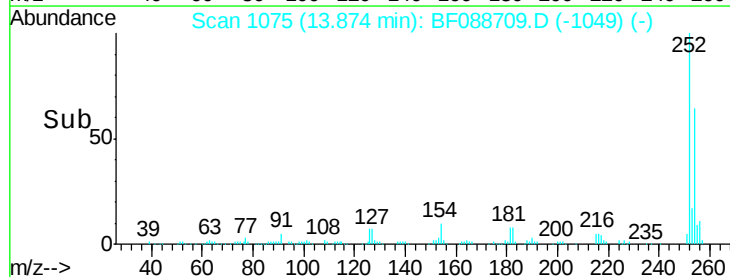
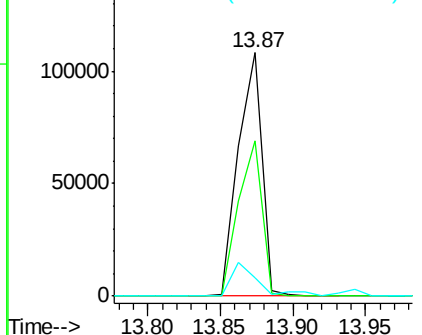


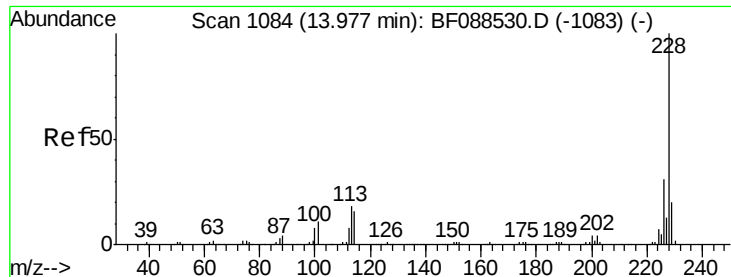
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

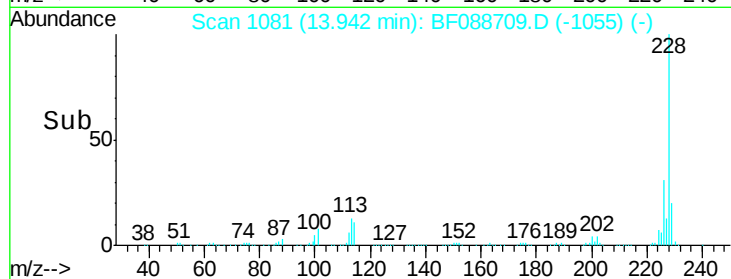
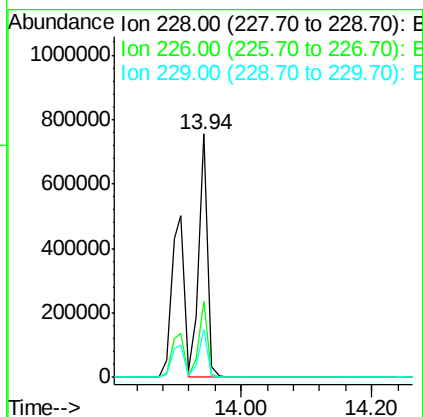
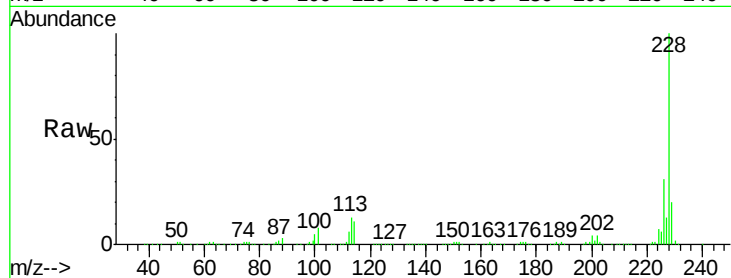




#82
Chrysene
Concen: 41.03 ng
RT: 13.94 min Scan# 1081
Delta R.T. 0.00 min
Lab File: BF088709.D
Acq: 5 Jul 2016 18:12

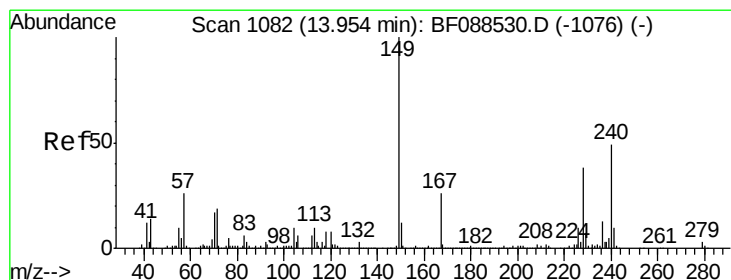
Instrument :
BNA_F
ClientSampleId :
PB91727BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.2	25.4	38.2
229	19.9	16.3	24.5



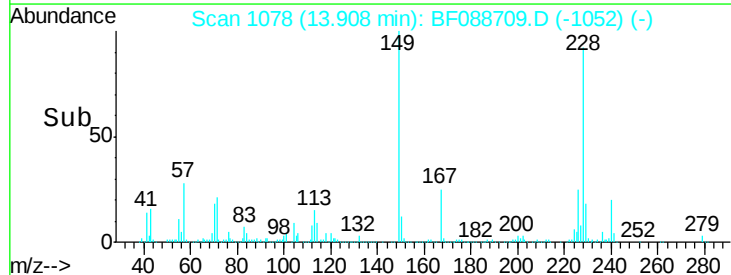
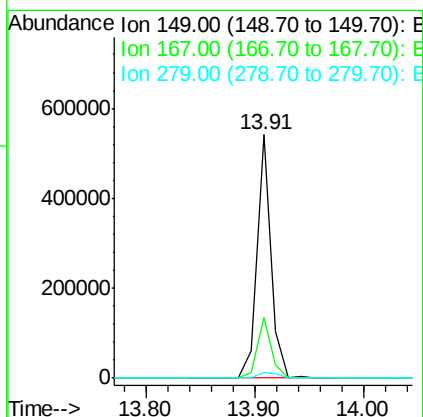
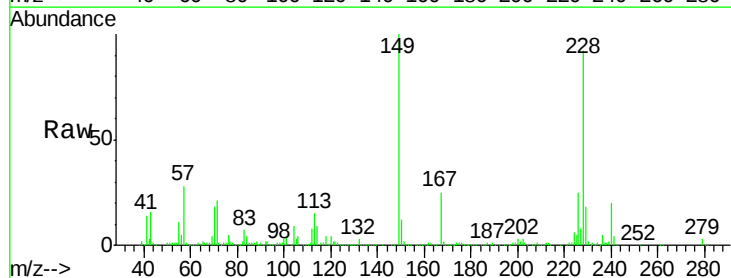
sohil

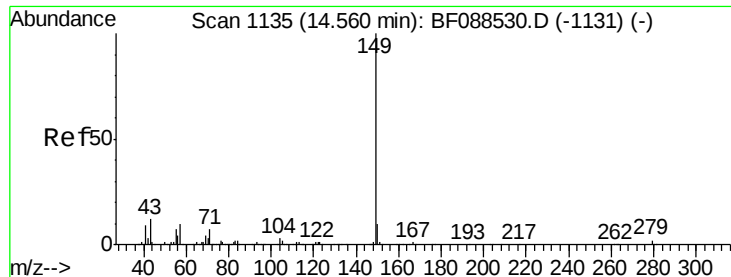
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#83
Bis(2-ethylhexyl)phthalate
Concen: 43.42 ng
RT: 13.91 min Scan# 1078
Delta R.T. 0.00 min
Lab File: BF088709.D
Acq: 5 Jul 2016 18:12

Tgt Ion	Ratio	Lower	Upper
149	100		
167	25.0	20.5	30.7
279	2.5	2.0	3.0





#84

Di-n-octyl phthalate

Concen: 40.77 ng

RT: 14.51 min Scan# 1131

Delta R.T. 0.00 min

Lab File: BF088709.D

Acq: 5 Jul 2016 18:12

Instrument :

BNA_F

ClientSampleId :

PB91727BS

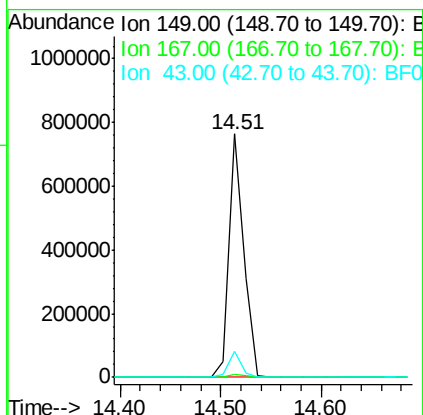
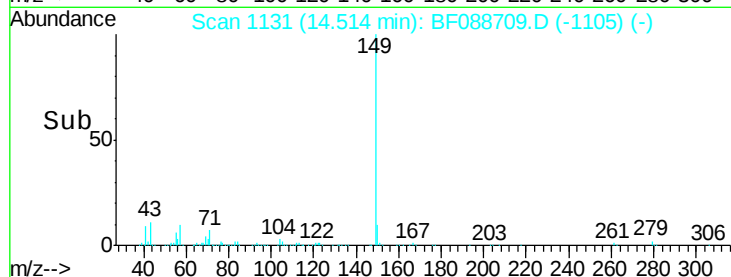
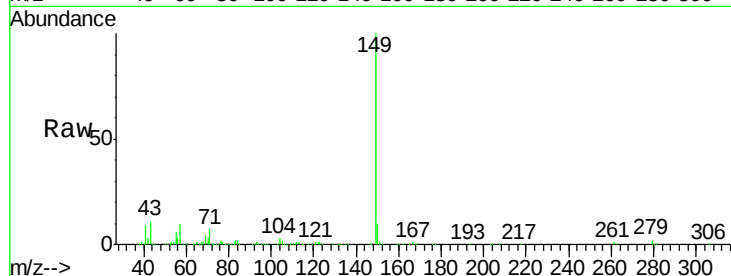
Tot Ion:149 Resp: 778069

Ion Ratio Lower Upper

149 100

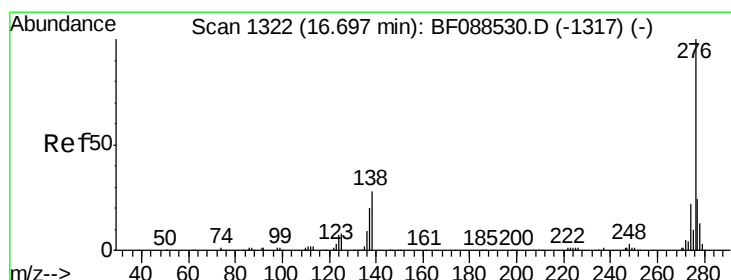
167 1.5 0.0 0.0#

43 9.5 0.0 0.0#



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#85

Indeno(1,2,3-cd)pyrene

Concen: 44.07 ng

RT: 16.64 min Scan# 1317

Delta R.T. 0.00 min

Lab File: BF088709.D

Acq: 5 Jul 2016 18:12

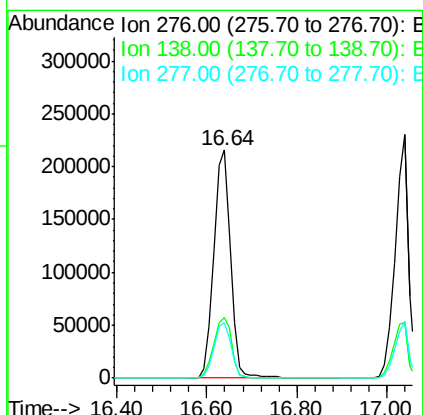
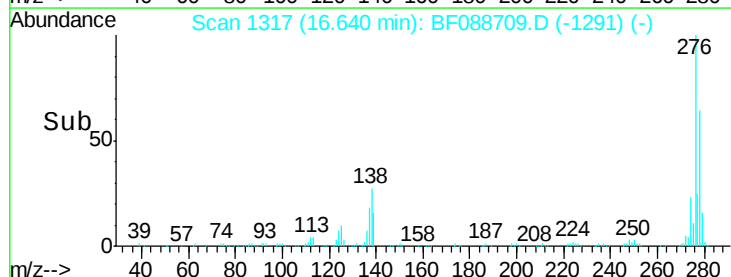
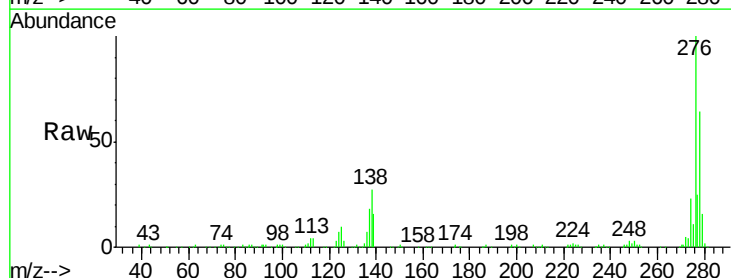
Tgt Ion:276 Resp: 561980

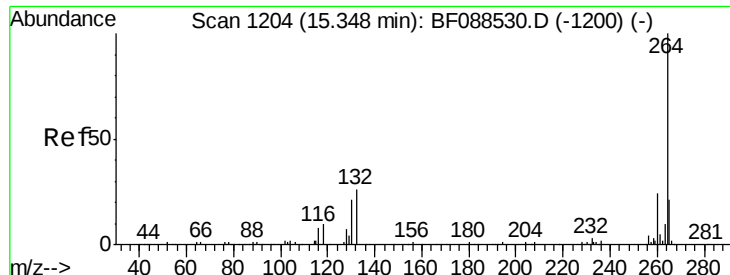
Ion Ratio Lower Upper

276 100

138 28.6 0.0 0.0#

277 25.1 0.0 0.0#

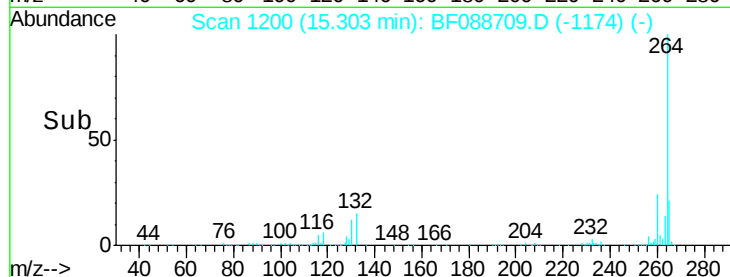
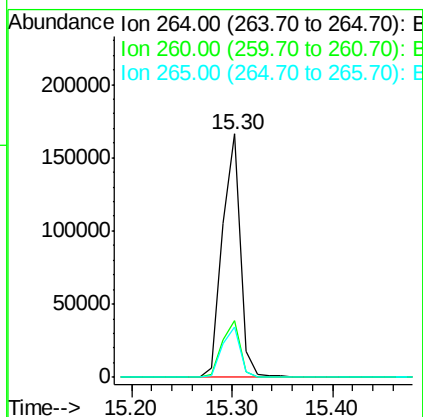
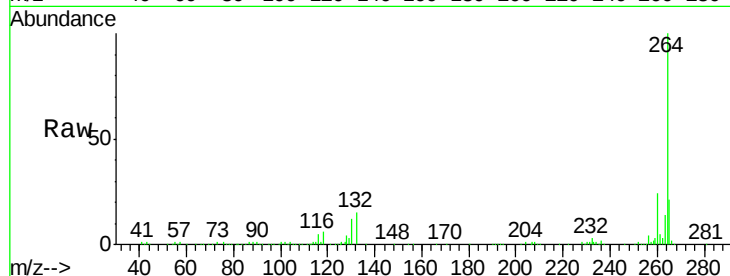




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.30 min Scan# 1200
Delta R.T. 0.00 min
Lab File: BF088709.D
Acq: 5 Jul 2016 18:12

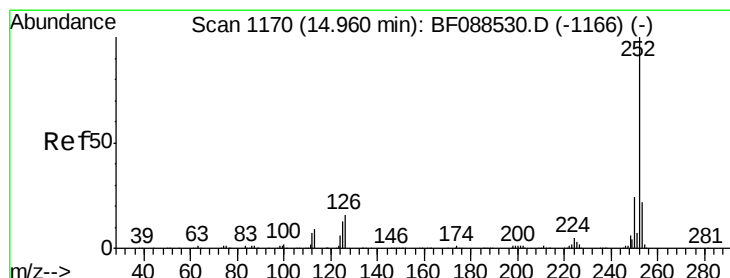
Instrument :
BNA_F
ClientSampled :
PB91727BS

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.2	28.8
265	20.6	16.9	25.3



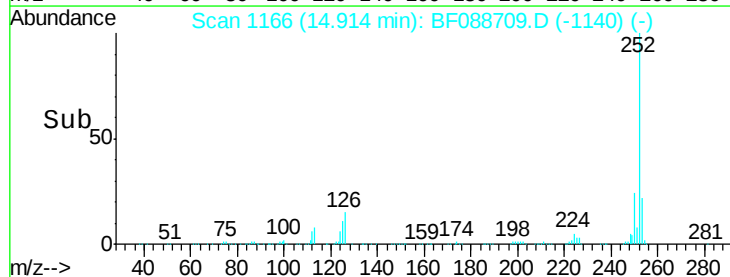
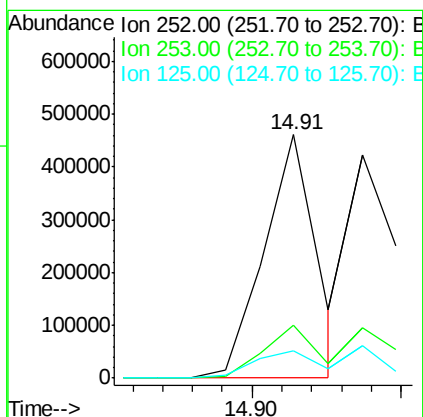
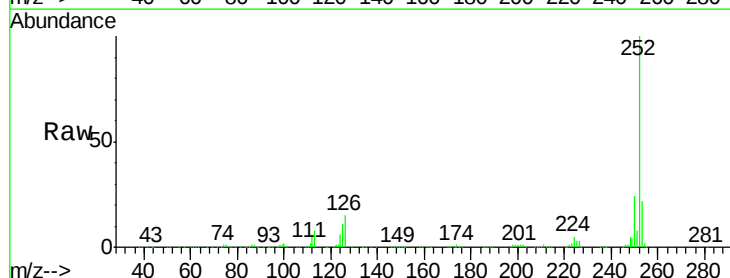
sohil

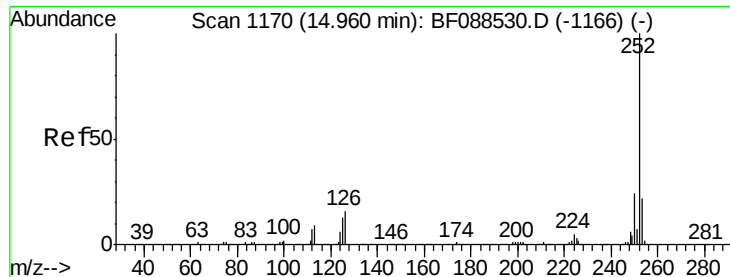
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#87
Benzo(b)fluoranthene
Concen: 43.37 ng m
RT: 14.91 min Scan# 1166
Delta R.T. 0.00 min
Lab File: BF088709.D
Acq: 5 Jul 2016 18:12

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.4	26.2
125	11.1	7.1	10.7#

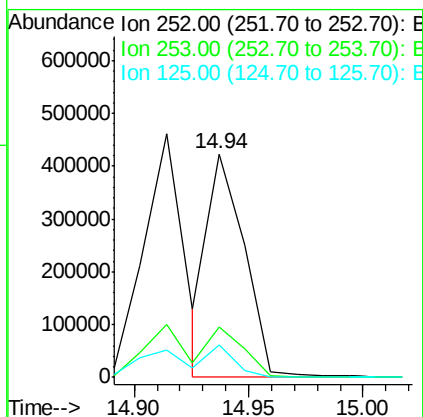
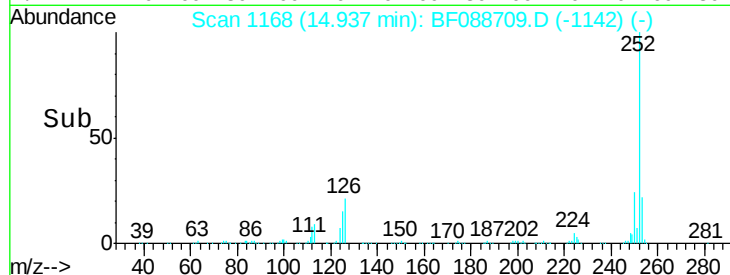
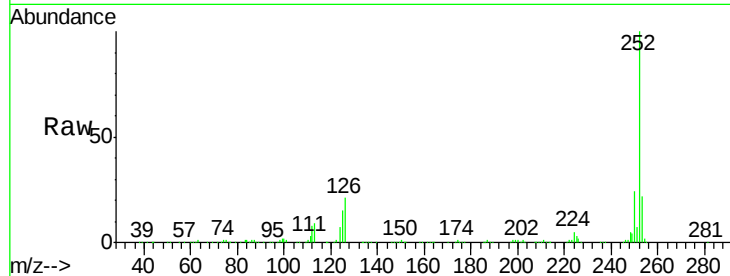




#88
Benzo(k)fluoranthene
Concen: 42.18 ng m
RT: 14.94 min Scan# 1168
Delta R.T. 0.00 min
Lab File: BF088709.D
Acq: 5 Jul 2016 18:12

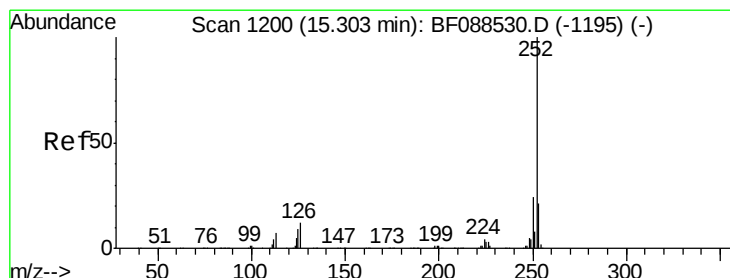
Instrument :
BNA_F
ClientSampleId :
PB91727BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.0	27.0
125	14.7	11.2	16.8



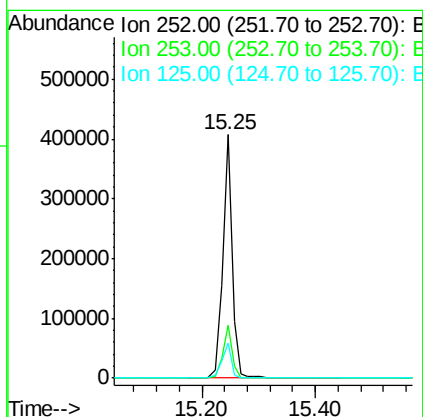
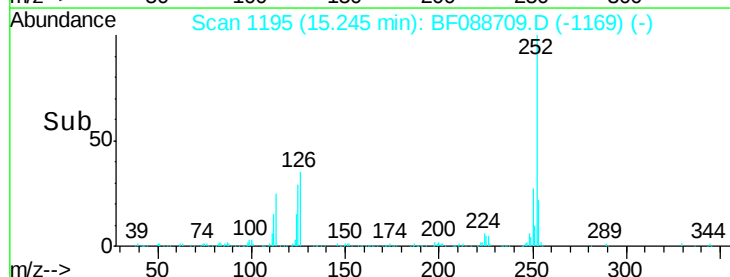
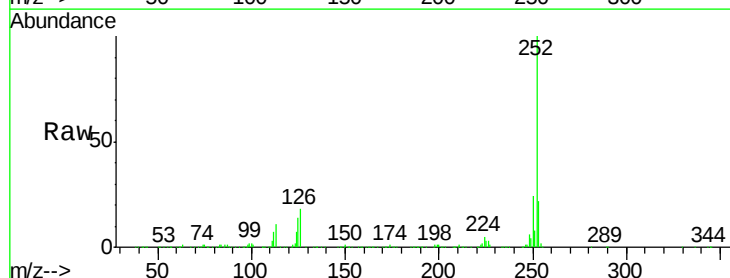
sohil

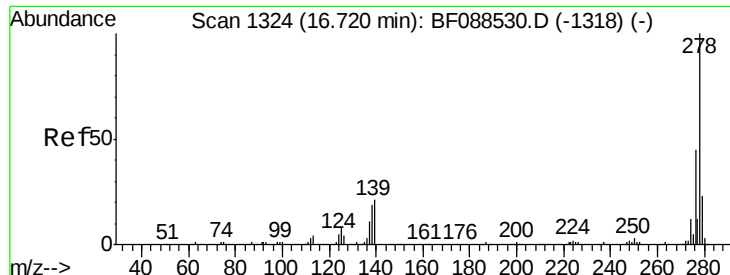
7/6/2016 7:19:14 PM



#89
Benzo(a)pyrene
Concen: 43.28 ng
RT: 15.25 min Scan# 1195
Delta R.T. 0.00 min
Lab File: BF088709.D
Acq: 5 Jul 2016 18:12

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.9	26.9
125	14.3	12.5	18.7

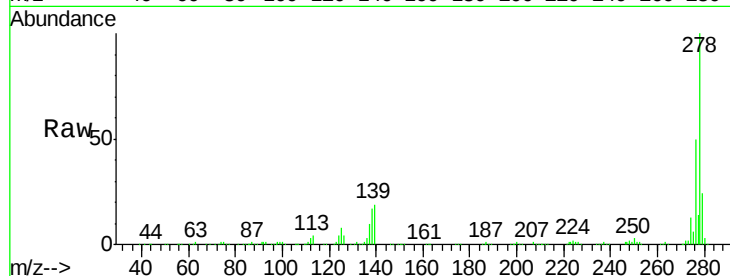




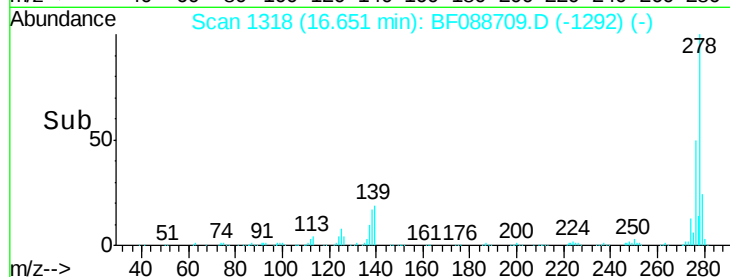
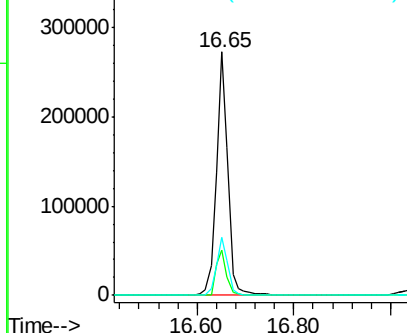
#90
Dibenzo(a,h)anthracene
Concen: 50.17 ng
RT: 16.65 min Scan# 1318
Delta R.T. 0.00 min
Lab File: BF088709.D
Acq: 5 Jul 2016 18:12

Instrument :
BNA_F
ClientSampleId :
PB91727BS

Tot Ion:278 Resp: 458793
Ion Ratio Lower Upper
278 100
139 18.7 15.7 23.5
279 23.7 19.4 29.2

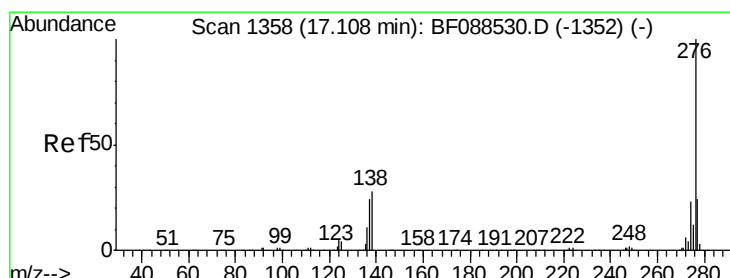


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



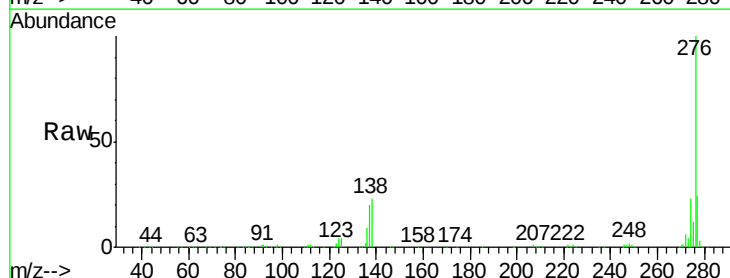
sohil

7/6/2016 7:19:14 PM



#91
Benzo(g,h,i)perylene
Concen: 50.74 ng
RT: 17.04 min Scan# 1352
Delta R.T. 0.00 min
Lab File: BF088709.D
Acq: 5 Jul 2016 18:12

Tgt Ion:276 Resp: 480218
Ion Ratio Lower Upper
276 100
277 23.5 18.9 28.3
138 23.0 21.4 32.2



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 277.00 (276.70 to 277.70): E
Ion 138.00 (137.70 to 138.70): E

