

Data Path : Z:\HPCHEM1\BNA F\DATA\BF070516\
 Data File : BF088710.D
 Acq On : 5 Jul 2016 18:42
 Operator : UM/SJ
 Sample : PB91726BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB91726BS

Quant Time: Jul 06 01:58:23 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF063016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 05 17:15:08 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	102752	20.00	ng	0.00
21) Naphthalene-d8	8.06	136	425558	20.00	ng	-0.01
38) Acenaphthene-d10	9.82	164	211867	20.00	ng	0.00
63) Phenanthrene-d10	11.29	188	410443	20.00	ng	0.00
75) Chrysene-d12	13.92	240	243177	20.00	ng	0.00
86) Perylene-d12	15.30	264	204943	20.00	ng	0.00

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System Monitoring Compounds

5) 2-Fluorophenol	5.38	112	725350	105.80	ng	0.01
7) Phenol-d6	6.42	99	976656	110.25	ng	0.01
23) Nitrobenzene-d5	7.35	82	710143	87.45	ng	0.00
41) 2,4,6-Tribromophenol	10.60	330	295974	150.44	ng	0.00
44) 2-Fluorobiphenyl	9.14	172	1175542	87.64	ng	0.00
78) Terphenyl-d14	12.87	244	964487	88.34	ng	0.00

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Target Compounds

						Qvalue
3) Pyridine	3.08	79	296401	30.05	ng	90
4) n-Nitrosodimethylamine	3.04	42	122012	32.38	ng	88
6) Aniline	6.43	93	330359	25.59	ng	# 1
8) 2-Chlorophenol	6.56	128	280498	38.07	ng	96
9) Benzaldehyde	6.32	77	246444	41.07	ng	87
10) Phenol	6.43	94	424082	41.94	ng	# 71
11) bis(2-Chloroethyl)ether	6.51	93	259762	34.45	ng	94
12) 1,3-Dichlorobenzene	6.72	146	310854	38.34	ng	96
13) 1,4-Dichlorobenzene	6.79	146	298551m	37.09	ng	
14) 1,2-Dichlorobenzene	6.95	146	301676m	40.05	ng	
15) Benzyl Alcohol	6.92	79	290442	44.55	ng	95
16) 2,2'-oxybis(1-Chloropropan	7.06	45	348920	31.96	ng	90
17) 2-Methylphenol	7.04	107	251456	41.83	ng	97
18) Hexachloroethane	7.29	117	120848	38.82	ng	90
19) n-Nitroso-di-n-propylamine	7.20	70	211514	35.54	ng	93
20) 3+4-Methylphenols	7.20	107	324925	45.04	ng	90
22) Acetophenone	7.19	105	415883	40.26	ng	# 87
24) Nitrobenzene	7.36	77	309607	37.81	ng	# 82
25) Isophorone	7.60	82	625169	41.56	ng	95
26) 2-Nitrophenol	7.68	139	169225	50.40	ng	92
27) 2,4-Dimethylphenol	7.72	122	300825	43.02	ng	89
28) bis(2-Chloroethoxy)methane	7.82	93	370710	37.87	ng	# 95
29) 2,4-Dichlorophenol	7.92	162	238405	42.18	ng	96
30) 1,2,4-Trichlorobenzene	8.01	180	256875	41.42	ng	96
31) Naphthalene	8.08	128	844611	40.26	ng	100
32) Benzoic acid	7.80	122	34619	6.82	ng	89
33) 4-Chloroaniline	8.14	127	188826	20.23	ng	# 93
34) Hexachlorobutadiene	8.20	225	135454	40.79	ng	99
35) Caprolactam	8.50	113	85736m	44.67	ng	
36) 4-Chloro-3-methylphenol	8.62	107	300562	44.97	ng	91
37) 2-Methylnaphthalene	8.78	142	600063	44.42	ng	# 95
39) 1,2,4,5-Tetrachlorobenzene	8.95	216	230219	32.67	ng	# 1
40) Hexachlorocyclopentadiene	8.94	237	273927	79.20	ng	98
42) 2,4,6-Trichlorophenol	9.05	196	182329	39.24	ng	97

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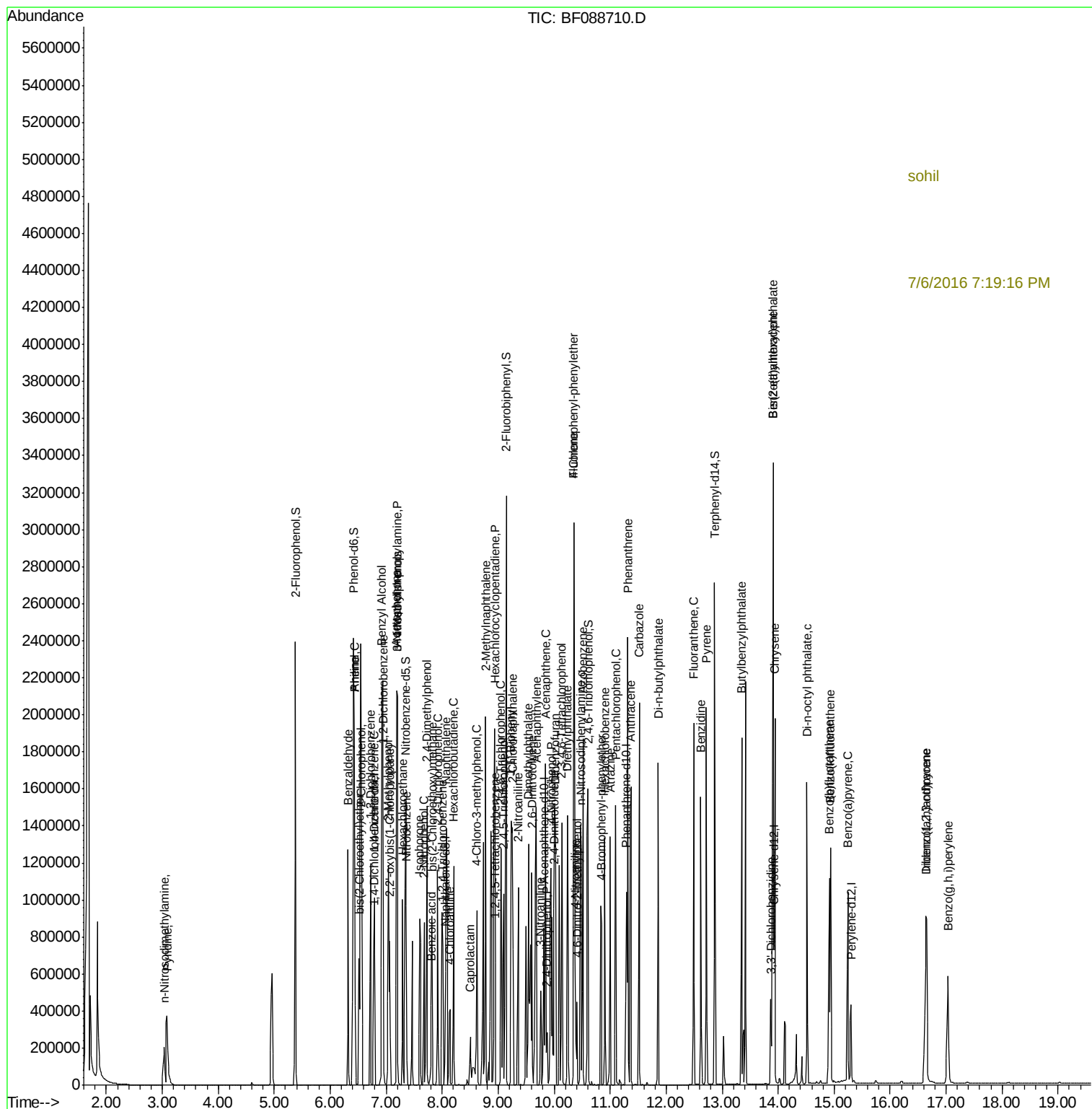
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	9.10	196	195313	48.86	nq	98
45) 1,1'-Biphenyl	9.23	154	676283	38.55	nq	98
46) 2-Chloronaphthalene	9.26	162	520022	37.76	nq	96
47) 2-Nitroaniline	9.36	65	211088	43.19	nq	# 82
48) Acenaphthylene	9.68	152	908915	41.48	nq	99
49) Dimethylphthalate	9.54	163	600651	39.79	nq	99
50) 2,6-Dinitrotoluene	9.60	165	137243	41.03	nq	# 49
51) Acenaphthene	9.85	154	561728	41.82	nq	99
52) 3-Nitroaniline	9.76	138	93042	21.88	nq	82
53) 2,4-Dinitrophenol	9.87	184	47504	32.16	nq	# 77
54) Dibenzofuran	10.02	168	794468	45.19	nq	95
55) 4-Nitrophenol	9.94	139	283151	87.62	nq	87
56) 2,4-Dinitrotoluene	10.00	165	197406	45.13	nq	# 41
57) Fluorene	10.35	166	566520	41.81	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.14	232	148295	47.95	nq	# 49
59) Diethylphthalate	10.24	149	629096	41.53	nq	98
60) 4-Chlorophenyl-phenylether	10.35	204	260577	41.39	nq	95
61) 4-Nitroaniline	10.38	138	154425	37.74	nq	84
62) Azobenzene	10.51	77	797077	46.13	nq	96
64) 4,6-Dinitro-2-methylphenol	10.41	198	58611	26.70	nq	# 77
65) n-Nitrosodiphenylamine	10.48	169	559320	40.26	nq	100
66) 4-Bromophenyl-phenylether	10.84	248	178304	43.11	nq	94
67) Hexachlorobenzene	10.90	284	166385	36.34	nq	94
68) Atrazine	11.00	200	191723	44.29	nq	94
69) Pentachlorophenol	11.10	266	143504	52.96	nq	97
70) Phenanthrene	11.31	178	840139	37.44	nq	99
71) Anthracene	11.37	178	948336	42.51	nq	98
72) Carbazole	11.52	167	781567	37.22	nq	99
73) Di-n-butylphthalate	11.86	149	1101414	45.10	nq	99
74) Fluoranthene	12.49	202	817748	35.95	nq	97
76) Benzidine	12.62	184	562956	45.80	nq	99
77) Pyrene	12.72	202	811957	39.38	nq	100
79) Butylbenzylphthalate	13.35	149	427535	46.49	nq	# 83
80) Benzo(a)anthracene	13.91	228	692079	44.20	nq	99
81) 3,3'-Dichlorobenzidine	13.87	252	124764	21.19	nq	98
82) Chrysene	13.94	228	695723	44.91	nq	99
83) Bis(2-ethylhexyl)phthalate	13.91	149	495902	47.23	nq	99
84) Di-n-octyl phthalate	14.51	149	748361	41.95	nq	# 100
85) Indeno(1,2,3-cd)pyrene	16.64	276	549381	46.09	nq	# 100
87) Benzo(b)fluoranthene	14.91	252	573962m	44.64	nq	
88) Benzo(k)fluoranthene	14.94	252	436625m	39.01	nq	
89) Benzo(a)pyrene	15.25	252	476453	43.77	nq	# 96
90) Dibenzo(a,h)anthracene	16.65	278	457032	50.28	nq	98
91) Benzo(g,h,i)perylene	17.04	276	477334	50.75	nq	96

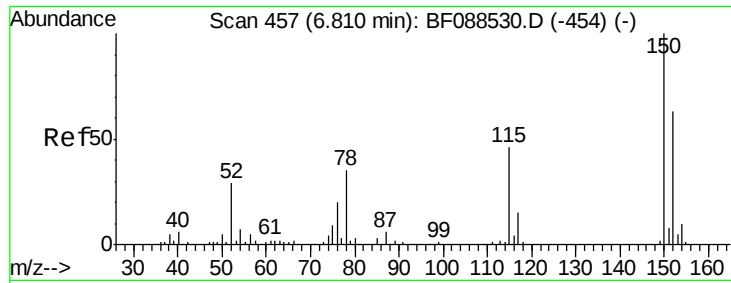
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc      :
ALS Vial  : 6 Sample Multiplier: 1
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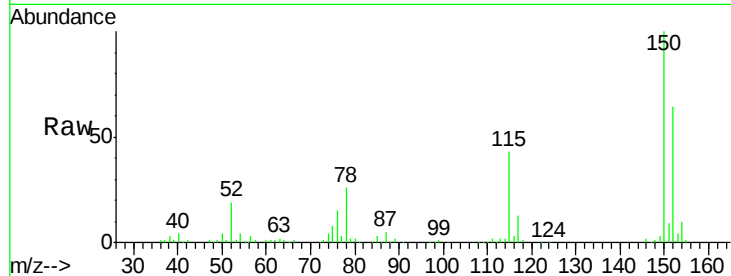


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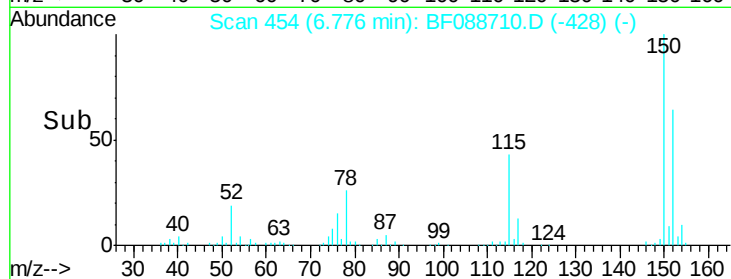
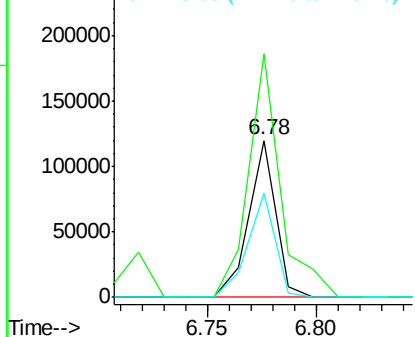
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.78 min Scan# 454
Delta R.T. 0.00 min
Lab File: BF088710.D
Acq: 5 Jul 2016 18:42

Instrument :
BNA_F
ClientSampled :
PB91726BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.5	123.8	185.6
115	66.1	39.6	59.4

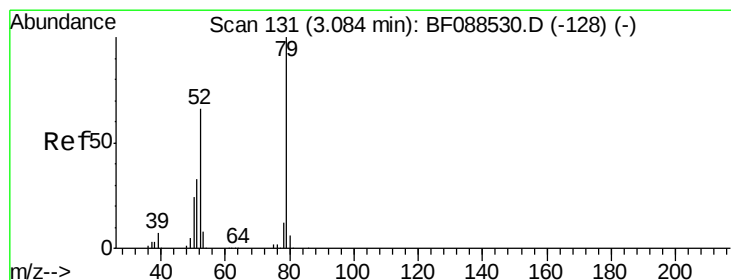


Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



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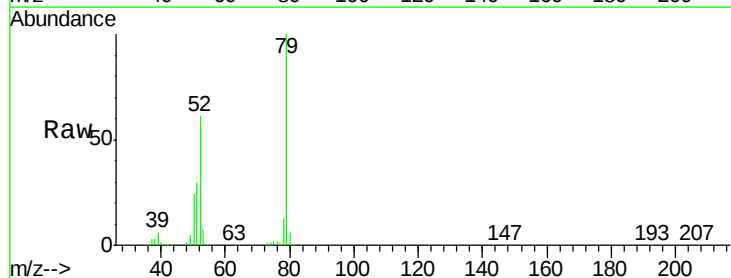
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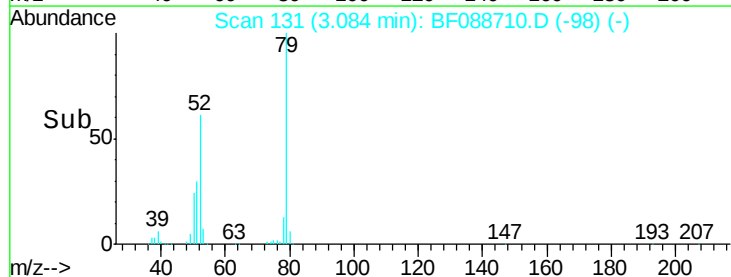
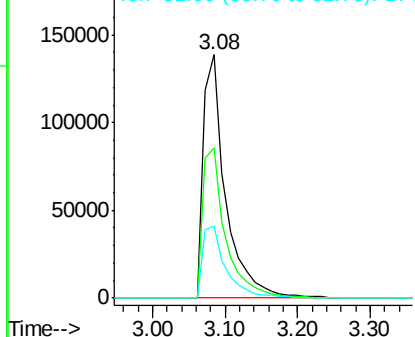
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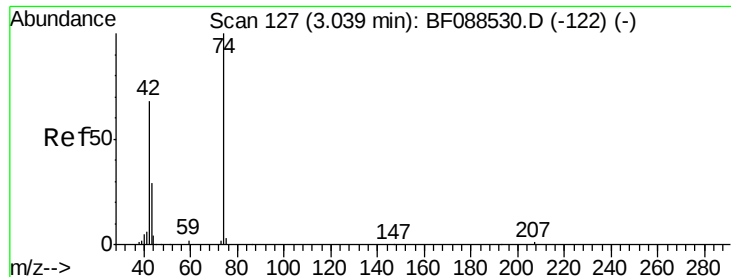
Pyridine
Concen: 30.05 ng
RT: 3.08 min Scan# 131
Delta R.T. 0.08 min
Lab File: BF088710.D
Acq: 5 Jul 2016 18:42

Tgt Ion	Ratio	Lower	Upper
79	100		
52	61.4	56.3	84.5
51	29.7	27.4	41.2



Abundance Ion 79.00 (78.70 to 79.70): BF0
Ion 52.00 (51.70 to 52.70): BF0
Ion 51.00 (50.70 to 51.70): BF0



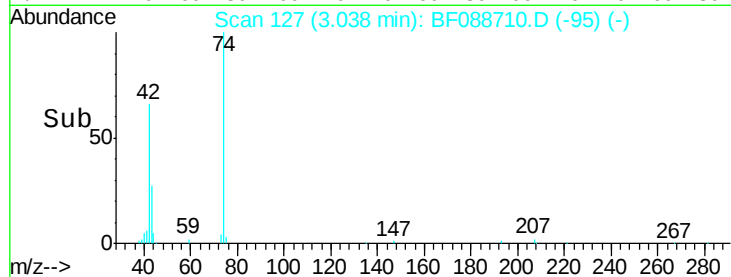
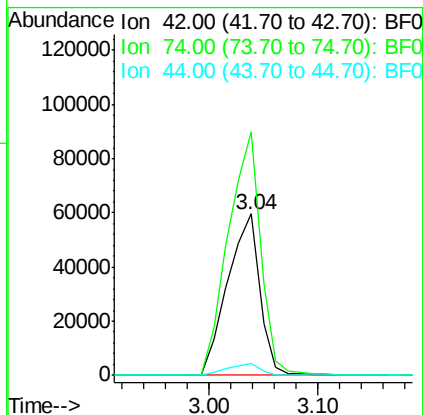
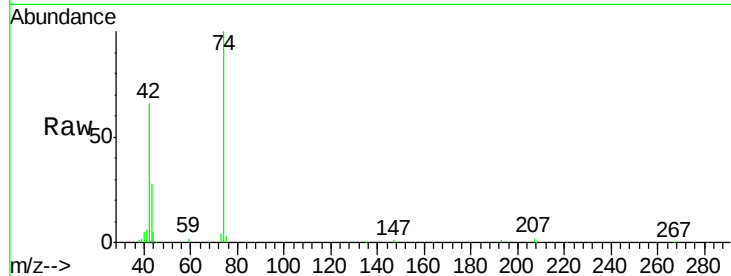


#4

n-Nitrosodimethylamine
 Concen: 32.38 ng
 RT: 3.04 min Scan# 127
 Delta R.T. 0.07 min
 Lab File: BF088710.D
 Acq: 5 Jul 2016 18:42

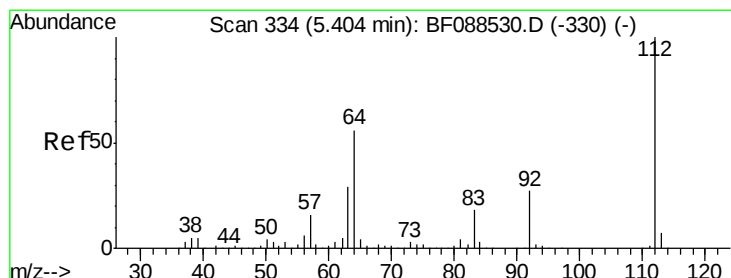
Instrument :
 BNA_F
 ClientSampleId :
 PB91726BS

Tot Ion:	42	Resp:	122012
Ion	Ratio	Lower	Upper
42	100		
74	151.1	108.6	163.0
44	7.1	5.5	8.3



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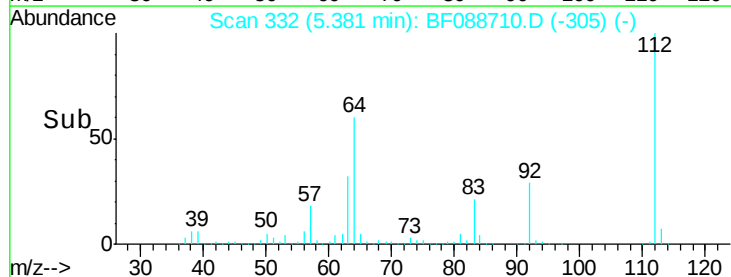
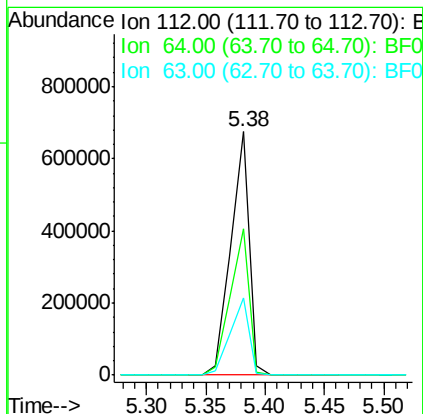
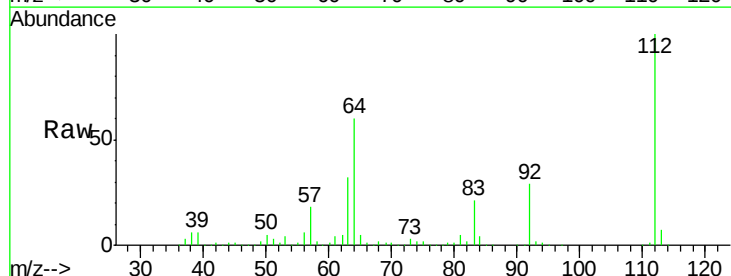
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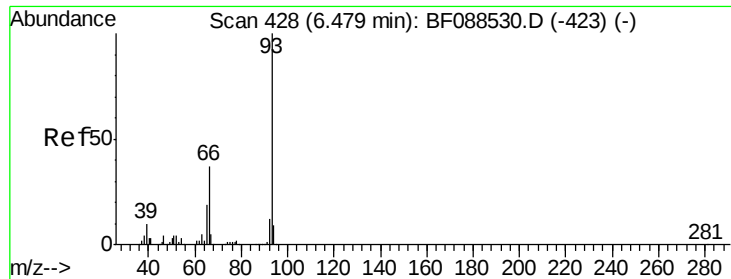


#5

2-Fluorophenol
 Concen: 105.80 ng
 RT: 5.38 min Scan# 332
 Delta R.T. 0.01 min
 Lab File: BF088710.D
 Acq: 5 Jul 2016 18:42

Tgt Ion:	112	Resp:	725350
Ion	Ratio	Lower	Upper
112	100		
64	60.0	42.2	63.2
63	31.5	21.8	32.8





#6

Aniline

Concen: 25.59 ng

RT: 6.43 min Scan# 424

Delta R.T. 0.00 min

Lab File: BF088710.D

Acq: 5 Jul 2016 18:42

Instrument :

BNA_F

ClientSampleId :

PB91726BS

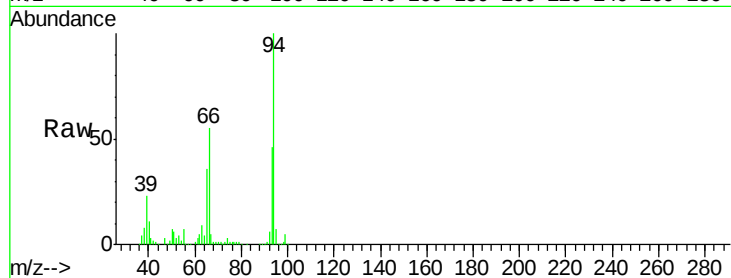
Tot Ion: 93 Resp: 330359

Ion Ratio Lower Upper

93 100

66 119.5 29.8 44.8#

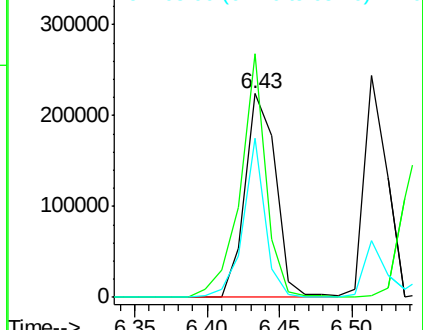
65 78.0 14.9 22.3#



Abundance Ion 93.00 (92.70 to 93.70): BF0

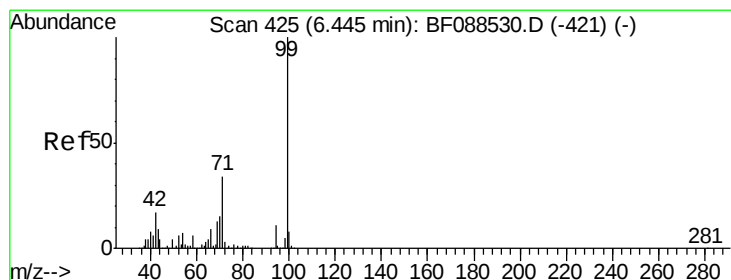
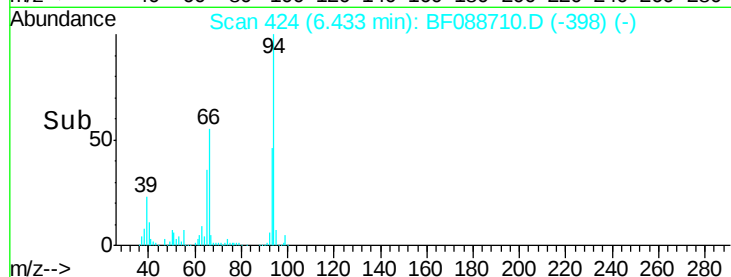
Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0



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#7

Phenol-d6

Concen: 110.25 ng

RT: 6.42 min Scan# 423

Delta R.T. 0.01 min

Lab File: BF088710.D

Acq: 5 Jul 2016 18:42

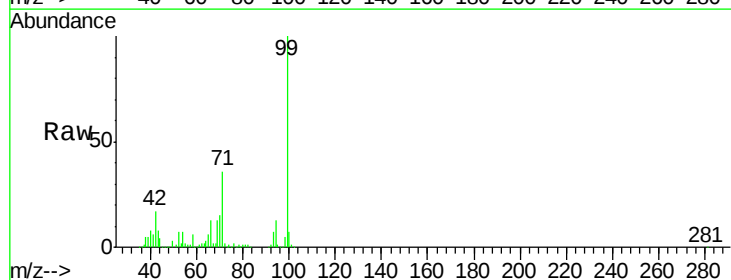
Tgt Ion: 99 Resp: 976656

Ion Ratio Lower Upper

99 100

42 16.9 12.2 18.2

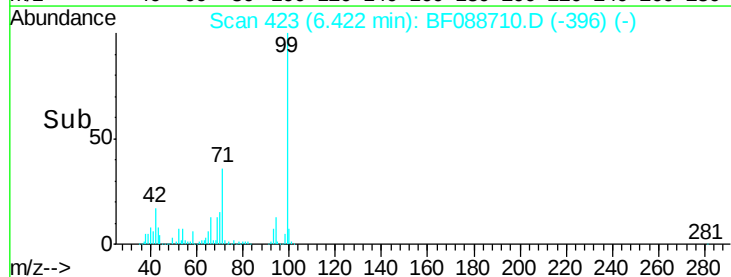
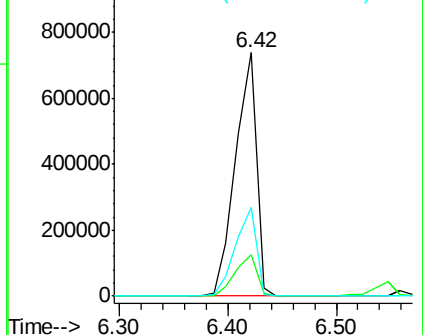
71 36.3 23.4 35.0#

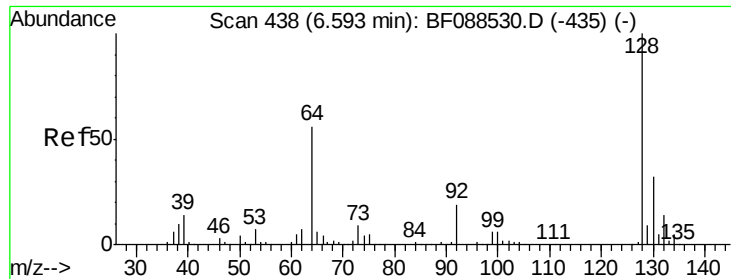


Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0





#8

2-Chlorophenol

Concen: 38.07 ng

RT: 6.56 min Scan# 435

Delta R.T. 0.00 min

Lab File: BF088710.D

Acq: 5 Jul 2016 18:42

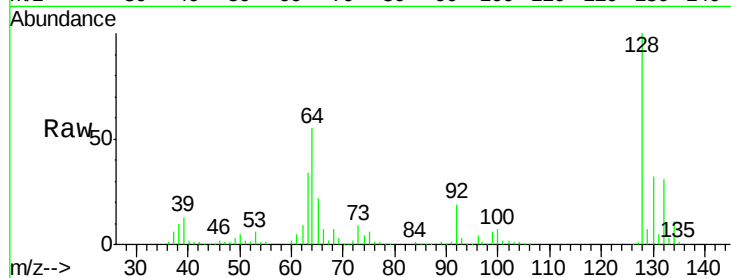
Instrument :

BNA_F

ClientSampleId :

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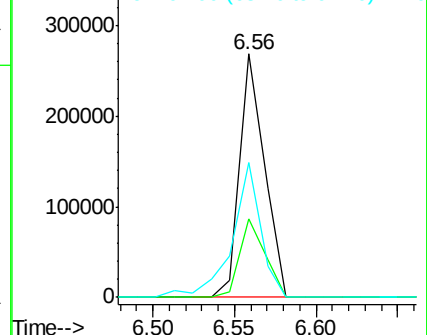
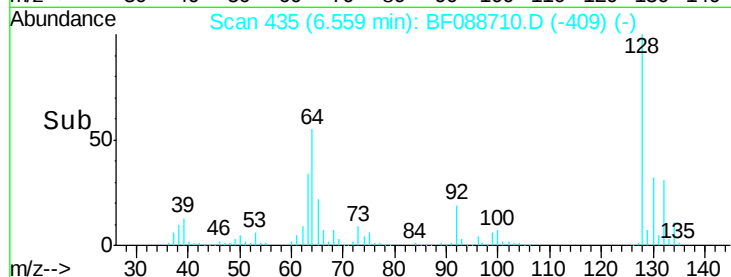
Tot Ion:	128	Resp:	280498
Ion Ratio	Lower	Upper	
128	100		
130	32.3	12.0	52.0
64	55.1	30.8	70.8



Abundance Ion 128.00 (127.70 to 128.70): B

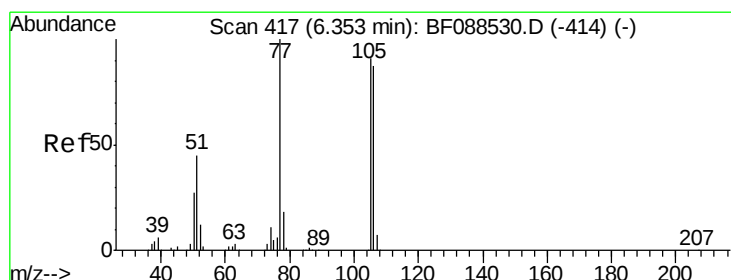
Ion 130.00 (129.70 to 130.70): B

Ion 64.00 (63.70 to 64.70): B



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#9

Benzaldehyde

Concen: 41.07 ng

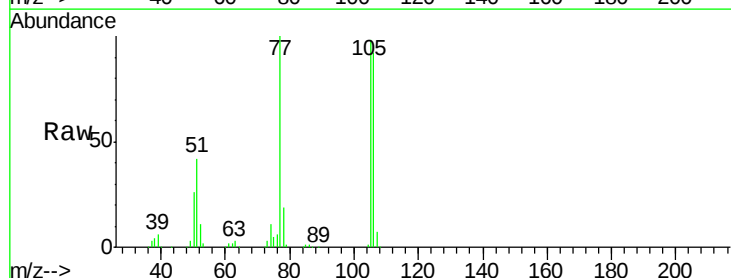
RT: 6.32 min Scan# 414

Delta R.T. 0.00 min

Lab File: BF088710.D

Acq: 5 Jul 2016 18:42

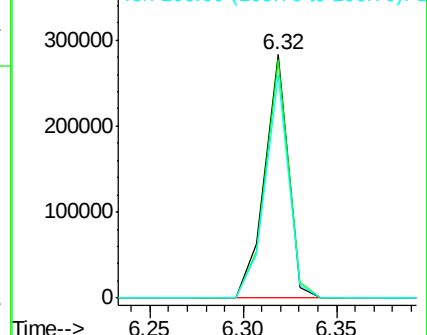
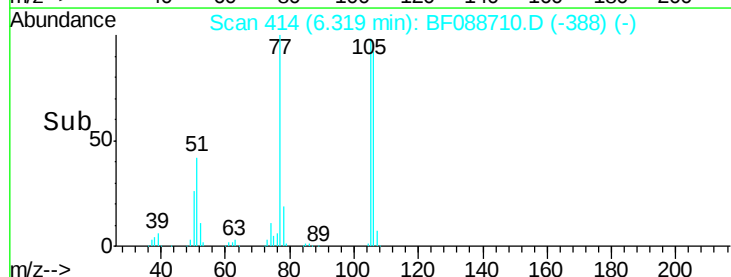
Tgt Ion:	77	Resp:	246444
Ion Ratio	Lower	Upper	
77	100		
105	98.2	90.6	130.6
106	91.5	85.3	125.3

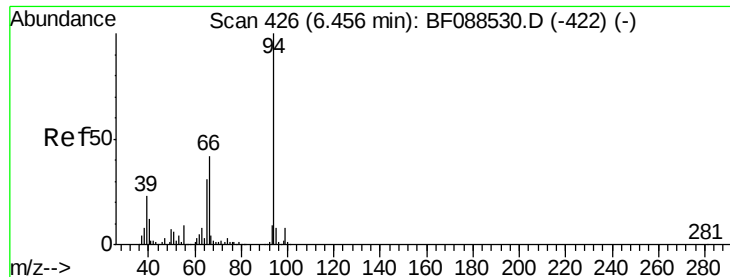


Abundance Ion 77.00 (76.70 to 77.70): B

Ion 105.00 (104.70 to 105.70): B

Ion 106.00 (105.70 to 106.70): B





#10

Phenol

Concen: 41.94 ng

RT: 6.43 min Scan# 424

Delta R.T. 0.00 min

Lab File: BF088710.D

Acq: 5 Jul 2016 18:42

Instrument :

BNA_F

ClientSampled :

PB91726BS

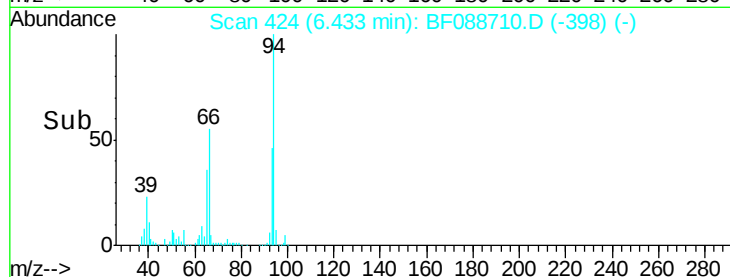
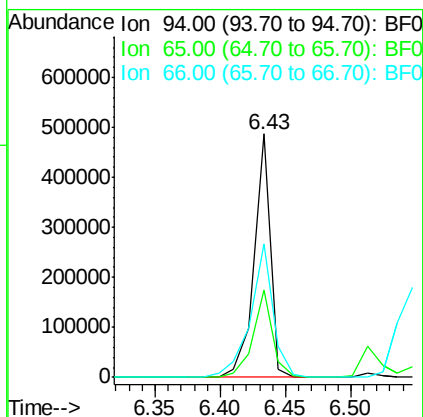
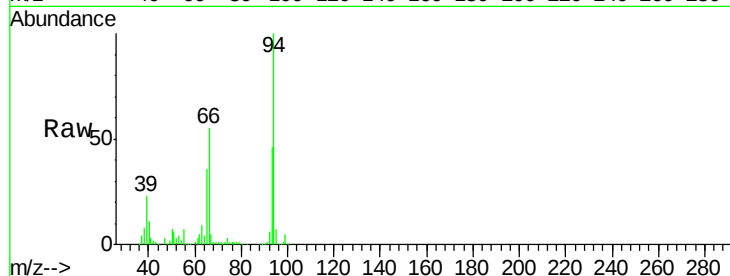
Tot Ion: 94 Resp: 424082

Ion Ratio Lower Upper

94 100

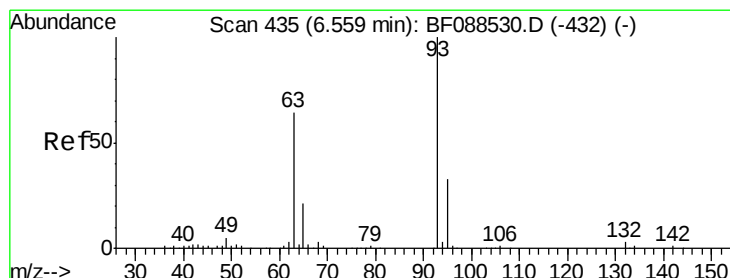
65 35.9 5.9 45.9

66 55.0 14.0 54.0#



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#11

bis(2-Chloroethyl)ether

Concen: 34.45 ng

RT: 6.51 min Scan# 431

Delta R.T. 0.00 min

Lab File: BF088710.D

Acq: 5 Jul 2016 18:42

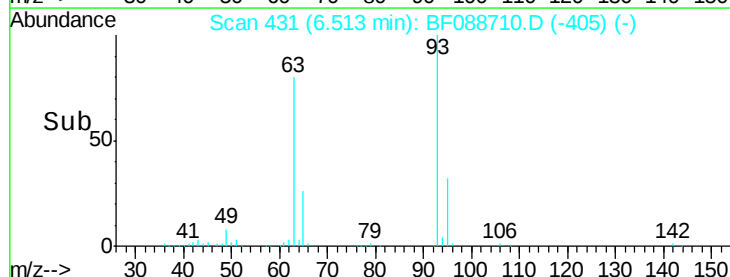
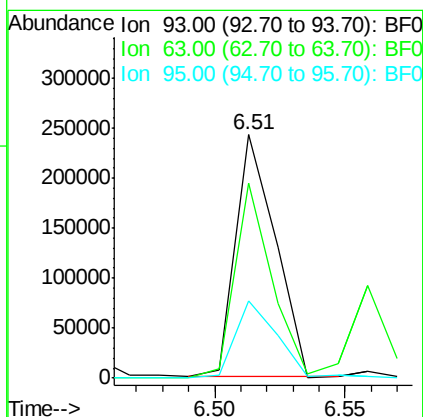
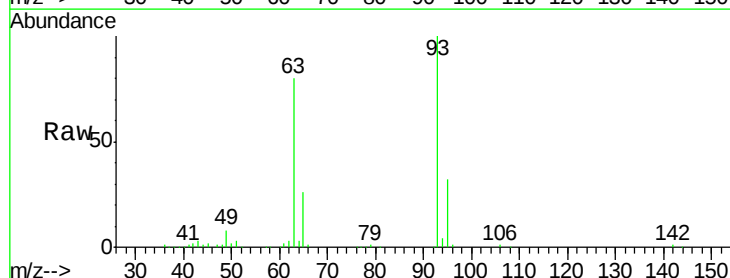
Tgt Ion: 93 Resp: 259762

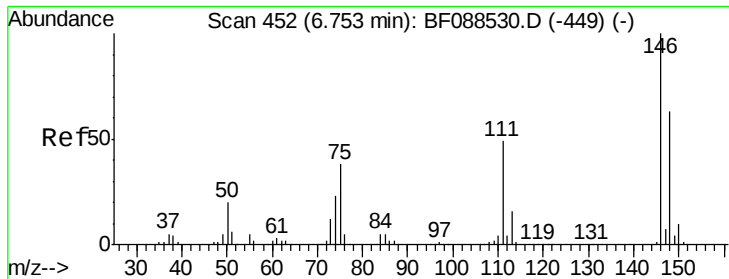
Ion Ratio Lower Upper

93 100

63 80.0 67.6 107.6

95 31.5 12.5 52.5

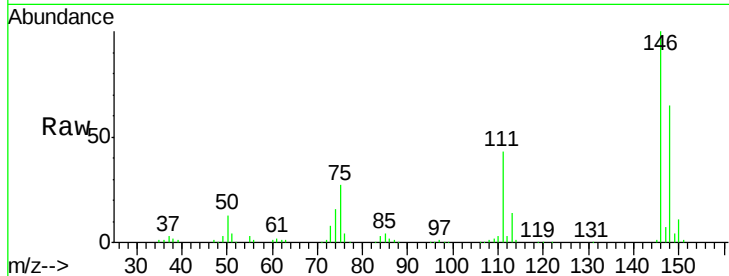




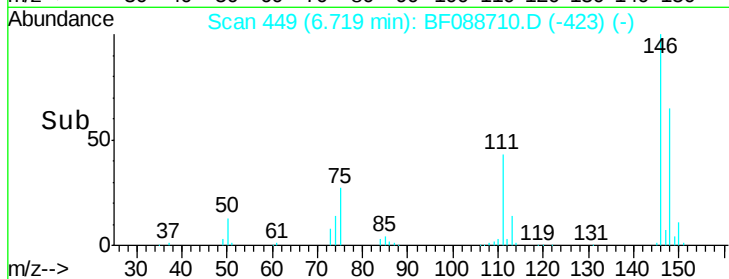
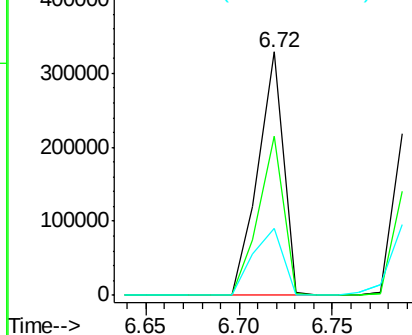
#12
 1,3-Dichlorobenzene
 Concen: 38.34 ng
 RT: 6.72 min Scan# 449
 Delta R.T. 0.00 min
 Lab File: BF088710.D
 Acq: 5 Jul 2016 18:42

Instrument :
 BNA_F
 ClientSampleId :
 PB91726BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.3	50.9	76.3
75	27.5	25.6	38.4

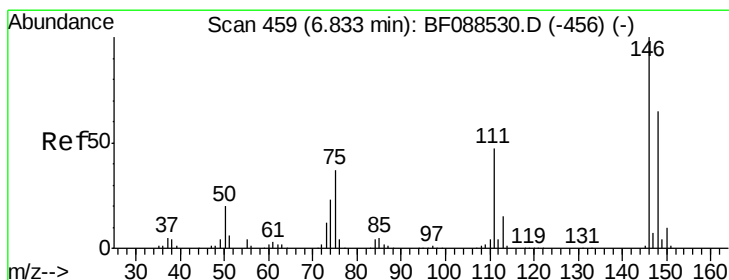


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 75.00 (74.70 to 75.70): BF0



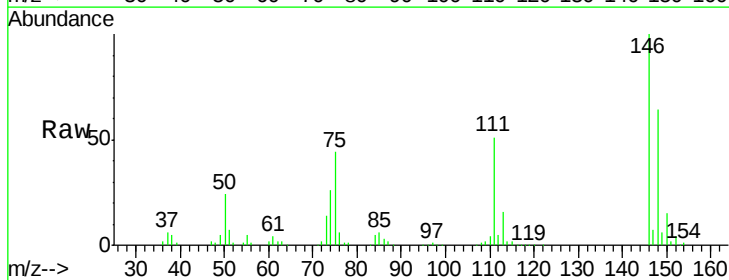
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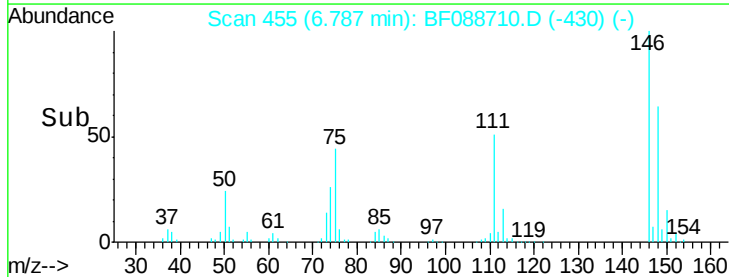
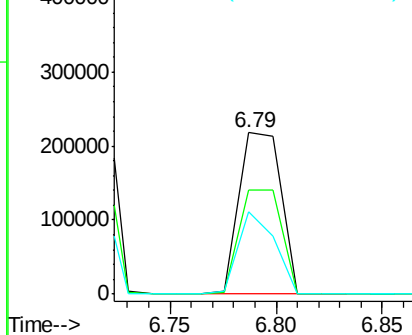


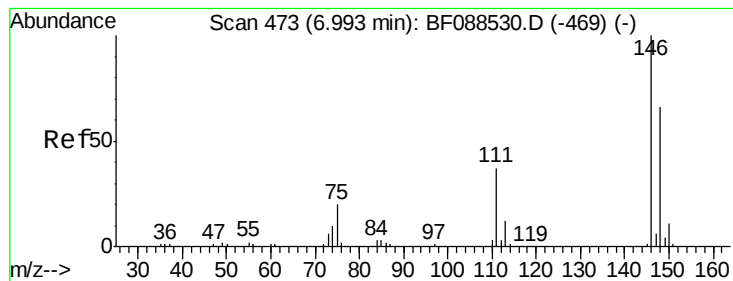
#13
 1,4-Dichlorobenzene
 Concen: 37.09 ng m
 RT: 6.79 min Scan# 455
 Delta R.T. -0.01 min
 Lab File: BF088710.D
 Acq: 5 Jul 2016 18:42

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.2	52.0	78.0
111	50.9	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

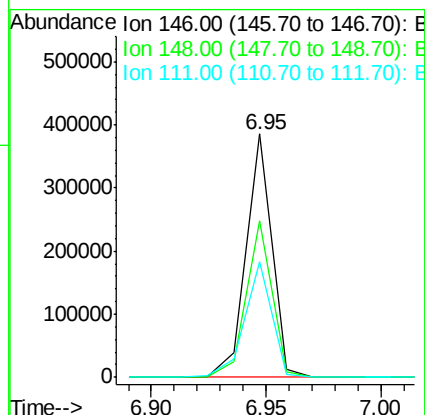
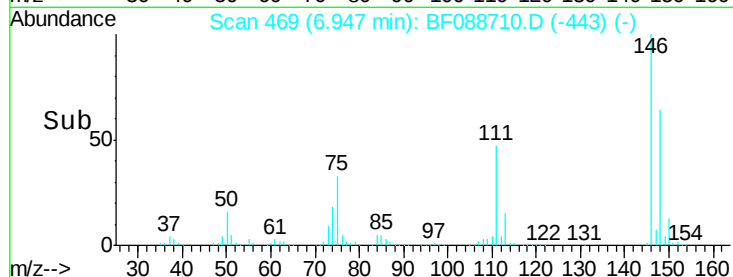
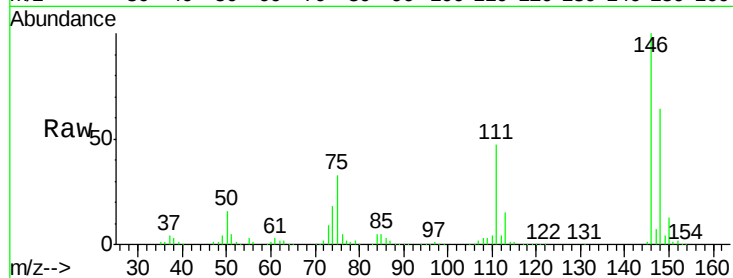




#14
1,2-Dichlorobenzene
Concen: 40.05 ng/mL
RT: 6.95 min Scan# 469
Delta R.T. 0.00 min
Lab File: BF088710.D
Acq: 5 Jul 2016 18:42

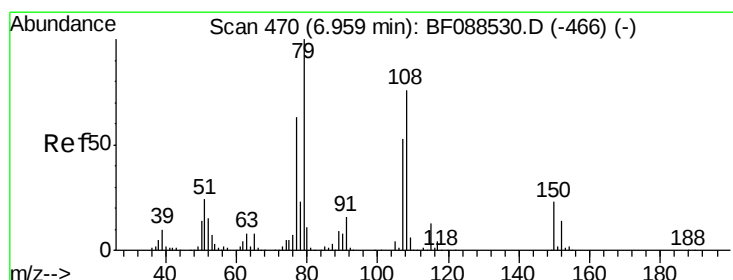
Instrument :
BNA_F
ClientSampleId :
PB91726BS

Tot Ion: 146 Resp: 301676
Ion Ratio Lower Upper
146 100
148 64.1 52.3 78.5
111 47.5 28.7 43.1#



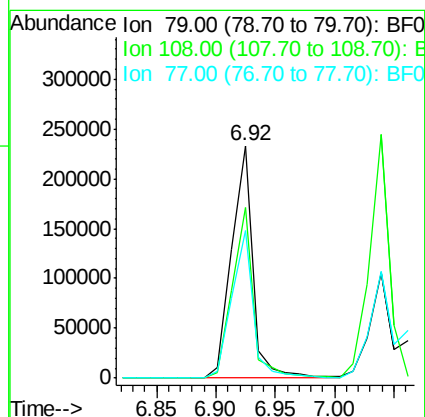
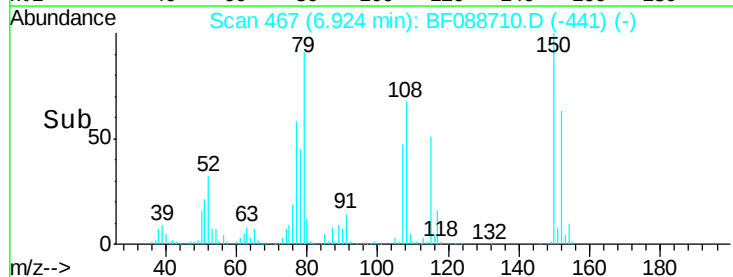
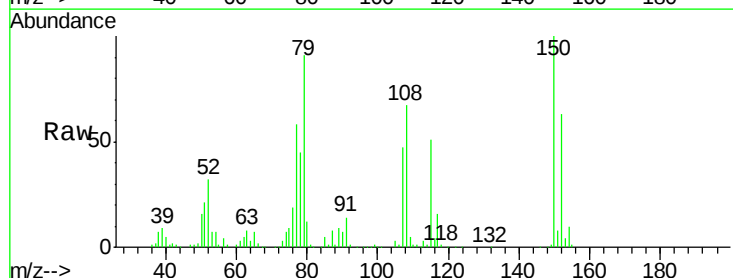
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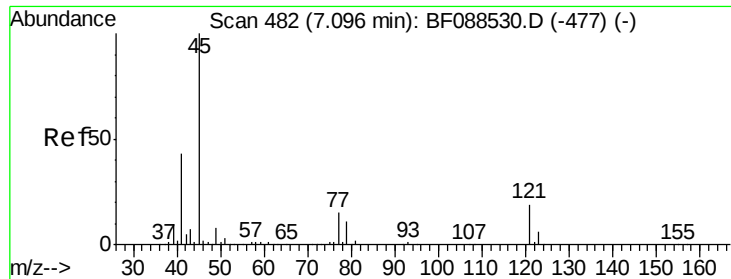
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#15
Benzyl Alcohol
Concen: 44.55 ng/mL
RT: 6.92 min Scan# 467
Delta R.T. 0.00 min
Lab File: BF088710.D
Acq: 5 Jul 2016 18:42

Tgt Ion: 79 Resp: 290442
Ion Ratio Lower Upper
79 100
108 73.2 65.0 97.6
77 63.5 50.3 75.5

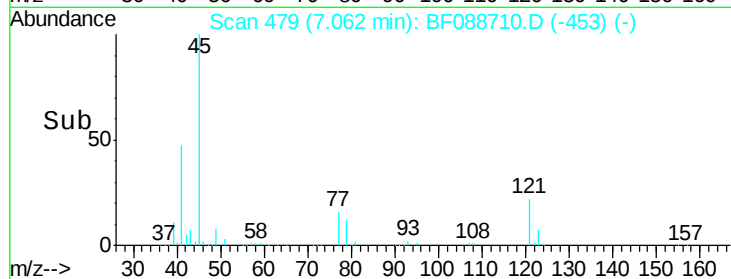
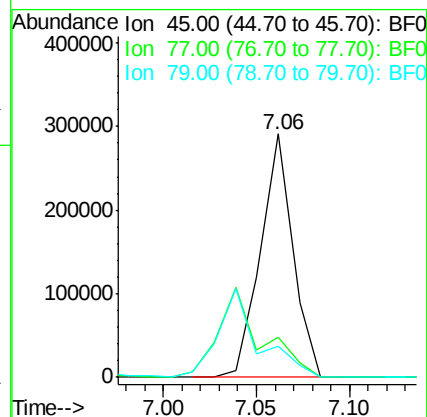
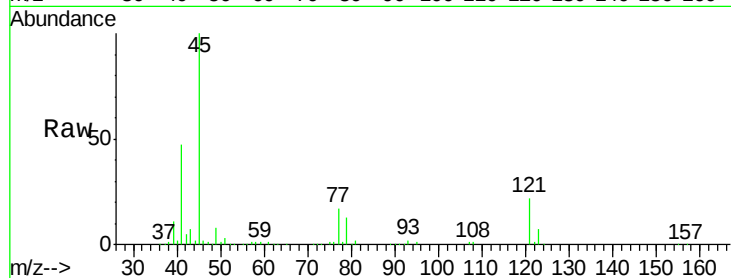




#16
2,2'-oxvbis(1-Chloropropane)
Concen: 31.96 ng
RT: 7.06 min Scan# 479
Delta R.T. 0.00 min
Lab File: BF088710.D
Acq: 5 Jul 2016 18:42

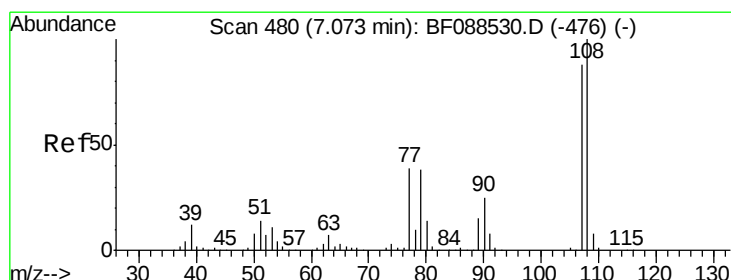
Instrument :
BNA_F
ClientSampled :
PB91726BS

Tot Ion	Ratio	Lower	Upper
45	100		
77	16.6	0.0	32.5
79	12.7	0.0	29.5



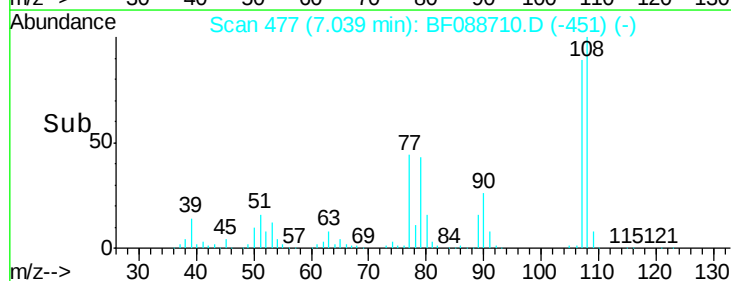
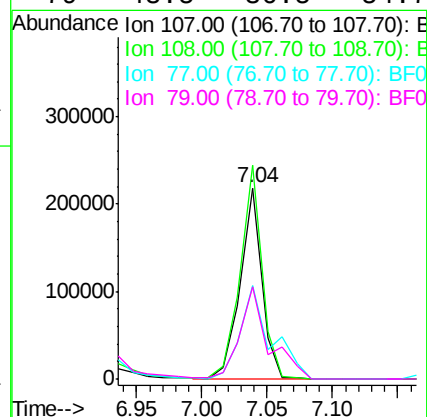
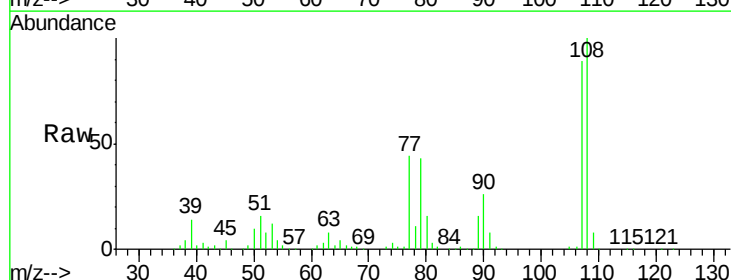
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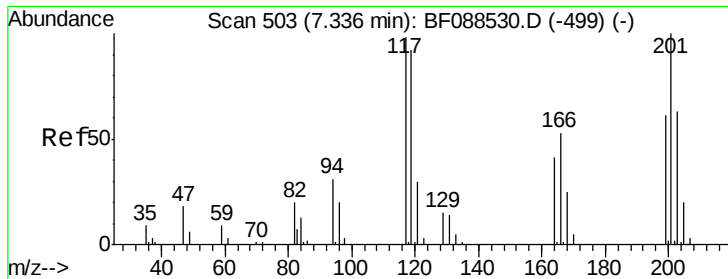
7/6/2016 7:19:16 PM



#17
2-Methylphenol
Concen: 41.83 ng
RT: 7.04 min Scan# 477
Delta R.T. 0.00 min
Lab File: BF088710.D
Acq: 5 Jul 2016 18:42

Tgt Ion	Ratio	Lower	Upper
107	100		
108	111.7	90.9	136.3
77	48.9	36.6	55.0
79	48.5	36.5	54.7

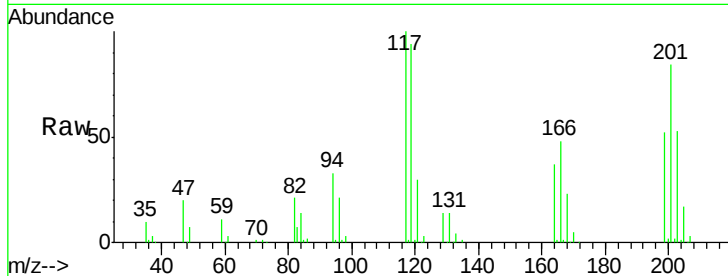




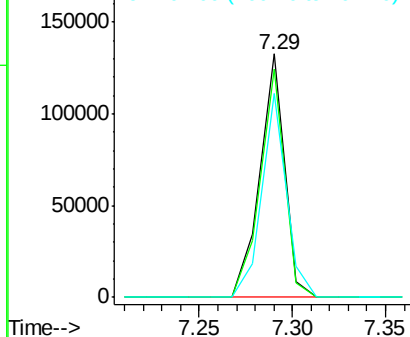
#18
Hexachloroethane
Concen: 38.82 ng
RT: 7.29 min Scan# 499
Delta R.T. 0.00 min
Lab File: BF088710.D
Acq: 5 Jul 2016 18:42

Instrument :
BNA_F
ClientSampleId :
PB91726BS

Tot Ion	Ratio	Lower	Upper
117	100		
119	93.5	77.4	116.2
201	83.8	80.4	120.6

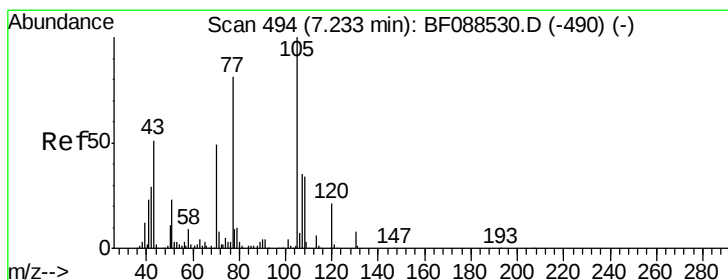
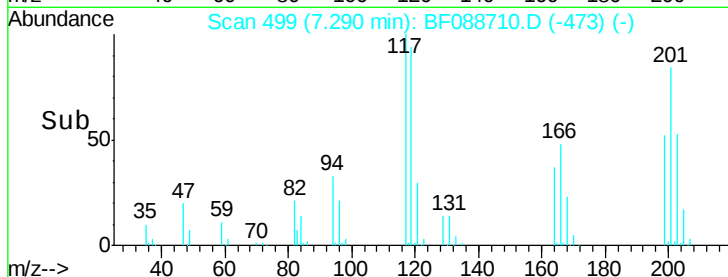


Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E



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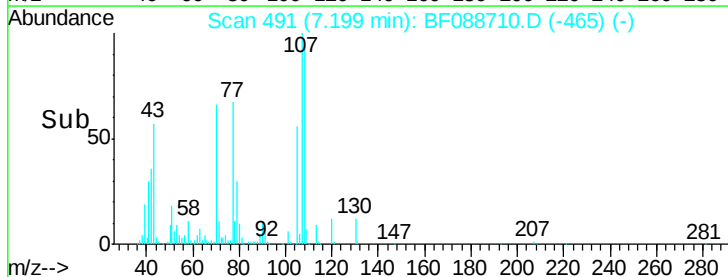
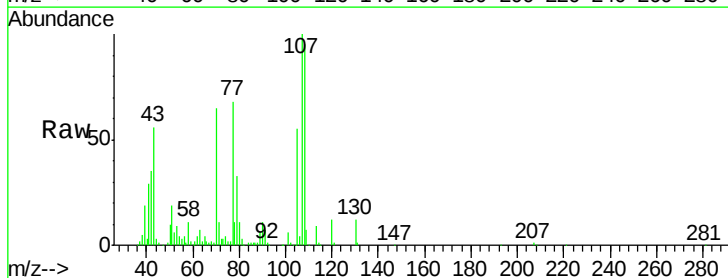
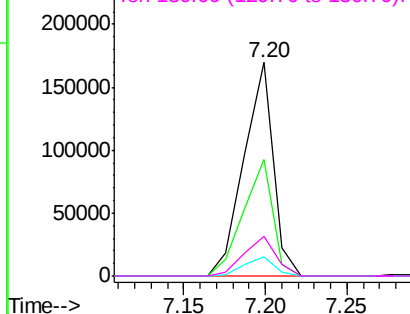
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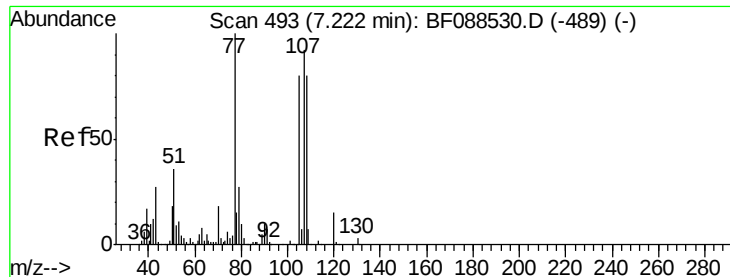


#19
n-Nitroso-di-n-propylamine
Concen: 35.54 ng
RT: 7.20 min Scan# 491
Delta R.T. 0.00 min
Lab File: BF088710.D
Acq: 5 Jul 2016 18:42

Tgt Ion	Ratio	Lower	Upper
70	100		
42	54.3	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: 45.04 ng

RT: 7.20 min Scan# 491

Delta R.T. 0.00 min

Lab File: BF088710.D

Acq: 5 Jul 2016 18:42

Instrument :

BNA_F

ClientSampleId :

PB91726BS

Tot Ion:107 Resp: 324925

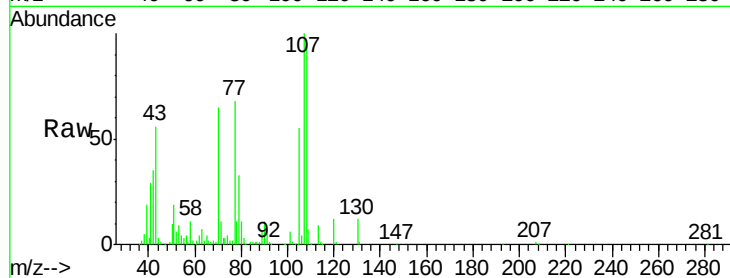
Ion Ratio Lower Upper

107 100

108 94.7 67.8 107.8

77 68.2 59.3 99.3

79 33.2 7.0 47.0



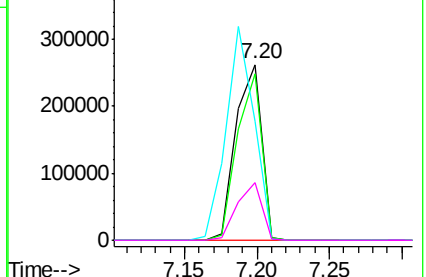
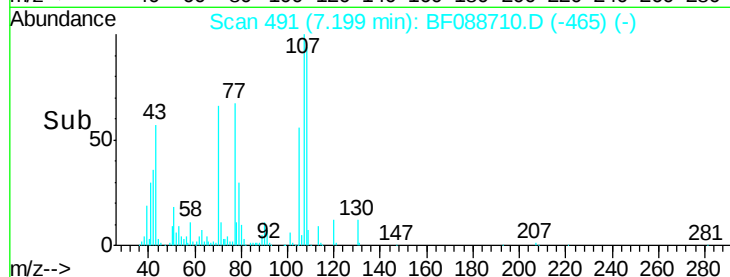
Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

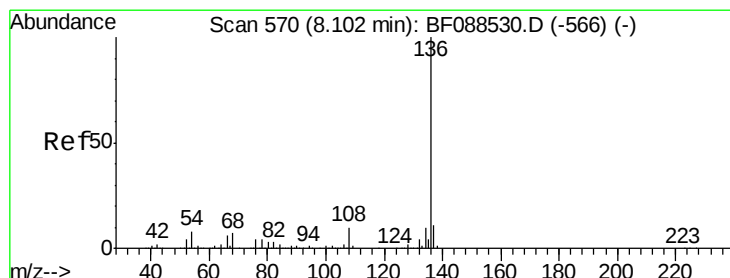
Ion 79.00 (78.70 to 79.70): BF0

Time-->



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7/6/2016 7:19:16 PM



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.06 min Scan# 566

Delta R.T. -0.01 min

Lab File: BF088710.D

Acq: 5 Jul 2016 18:42

Tgt Ion:136 Resp: 425558

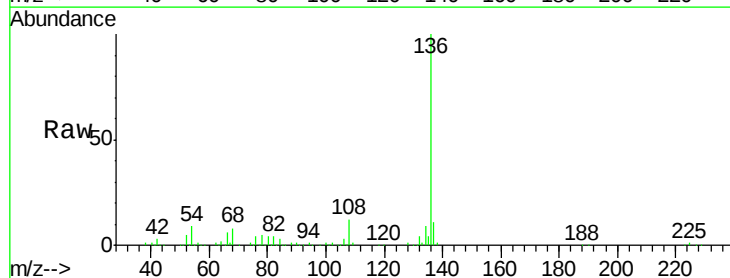
Ion Ratio Lower Upper

136 100

137 11.3 9.1 13.7

54 9.2 6.6 10.0

68 7.6 5.1 7.7



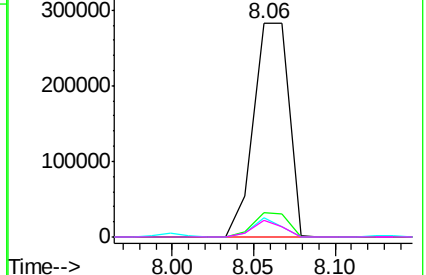
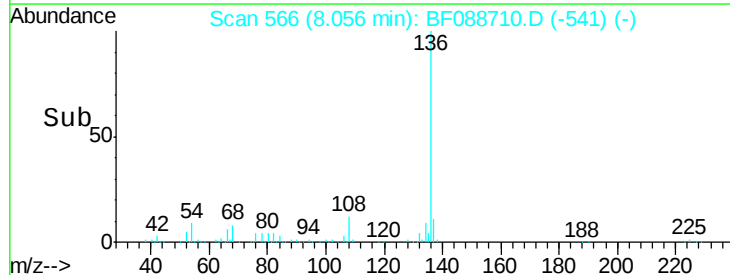
Abundance Ion 136.00 (135.70 to 136.70): E

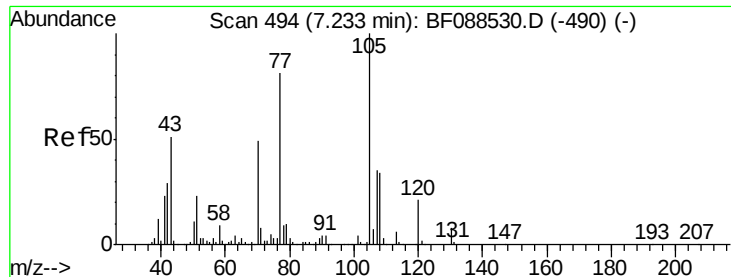
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0

Time-->





#22

Acetophenone

Concen: 40.26 ng

RT: 7.19 min Scan# 490

Delta R.T. -0.01 min

Lab File: BF088710.D

Acq: 5 Jul 2016 18:42

Instrument :

BNA_F

ClientSampled :

PB91726BS

Tot Ion:105 Resp: 415883

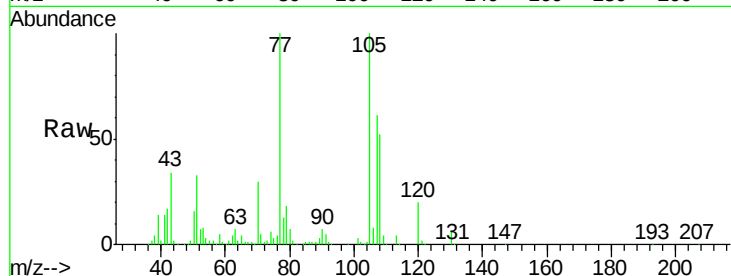
Ion Ratio Lower Upper

105 100

71 5.0 5.3 7.9#

51 33.4 18.2 27.4#

120 19.7 18.0 27.0

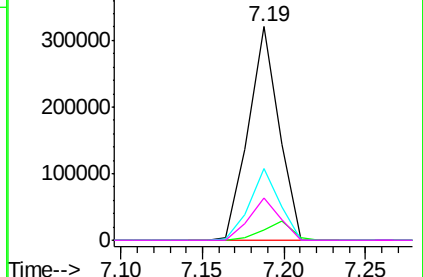
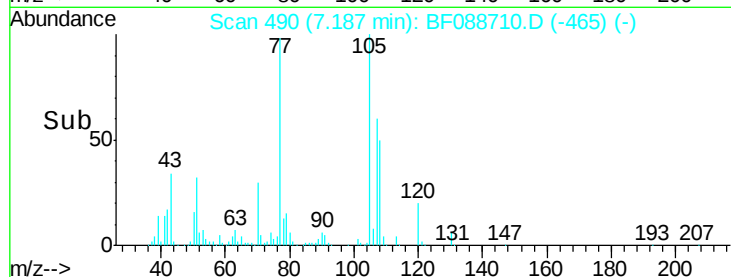


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

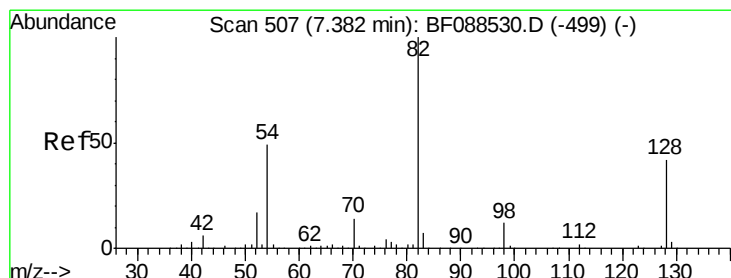
Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



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7/6/2016 7:19:16 PM



#23

Nitrobenzene-d5

Concen: 87.45 ng

RT: 7.35 min Scan# 504

Delta R.T. 0.00 min

Lab File: BF088710.D

Acq: 5 Jul 2016 18:42

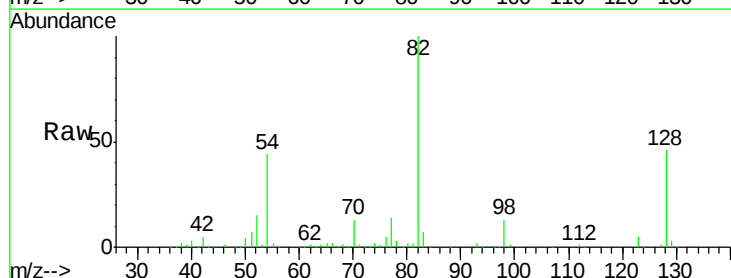
Tgt Ion: 82 Resp: 710143

Ion Ratio Lower Upper

82 100

128 46.0 35.9 53.9

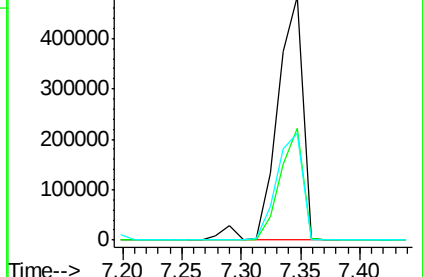
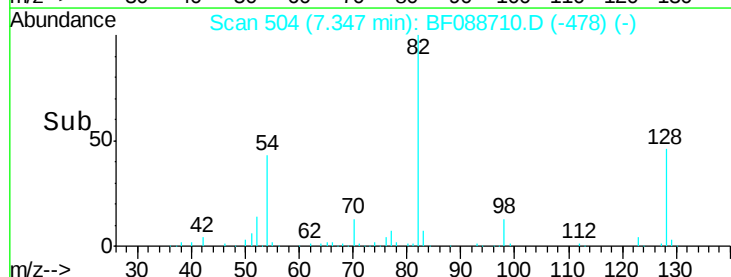
54 43.6 40.9 61.3

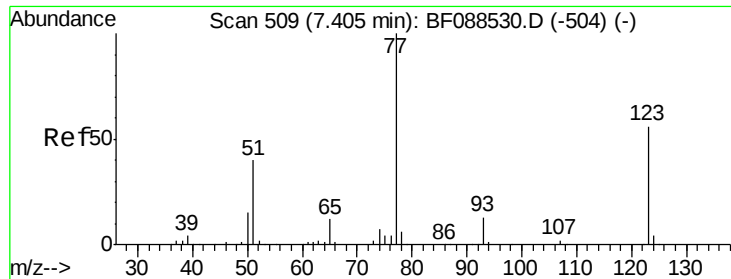


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#24

Nitrobenzene

Concen: 37.81 ng

RT: 7.36 min Scan# 505

Delta R.T. 0.00 min

Lab File: BF088710.D

Acq: 5 Jul 2016 18:42

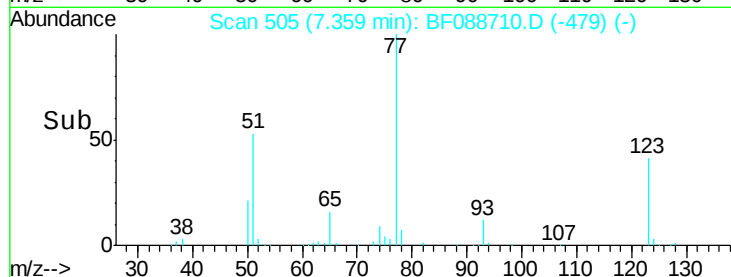
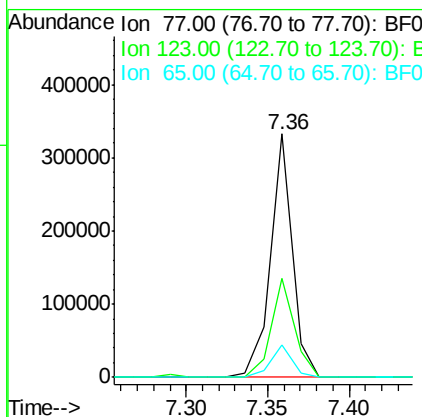
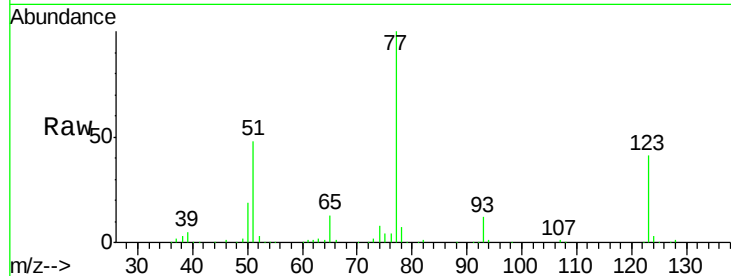
Instrument :

BNA_F

ClientSampleId :

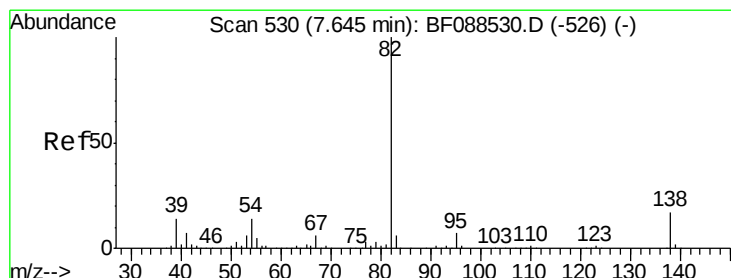
PB91726BS

Tot Ion:	77	Resp:	309607
Ion Ratio	Lower	Upper	
77	100		
123	40.7	45.0	67.4#
65	13.4	10.2	15.2



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7/6/2016 7:19:16 PM



#25

Isophorone

Concen: 41.56 ng

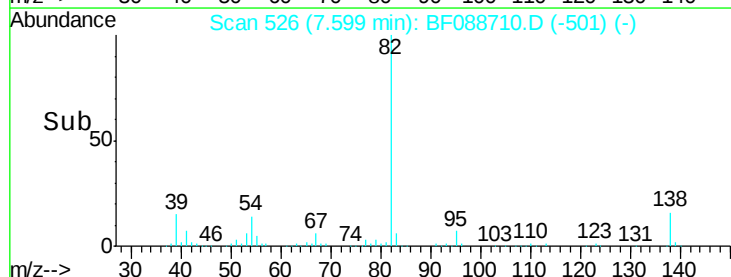
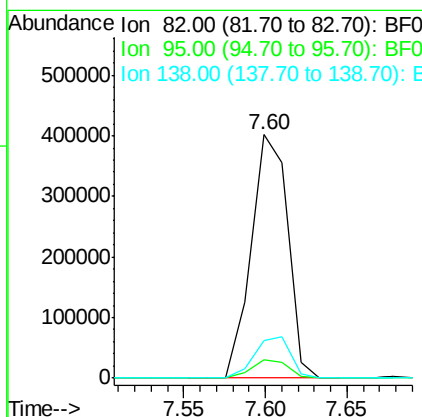
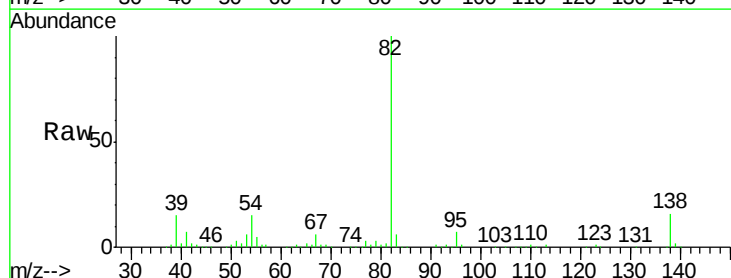
RT: 7.60 min Scan# 526

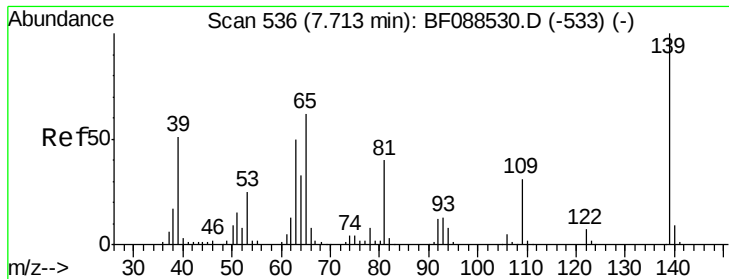
Delta R.T. -0.01 min

Lab File: BF088710.D

Acq: 5 Jul 2016 18:42

Tgt Ion:	82	Resp:	625169
Ion Ratio	Lower	Upper	
82	100		
95	7.3	5.4	8.2
138	15.5	14.6	21.8

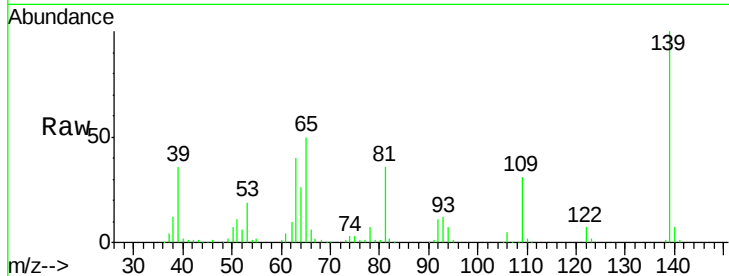




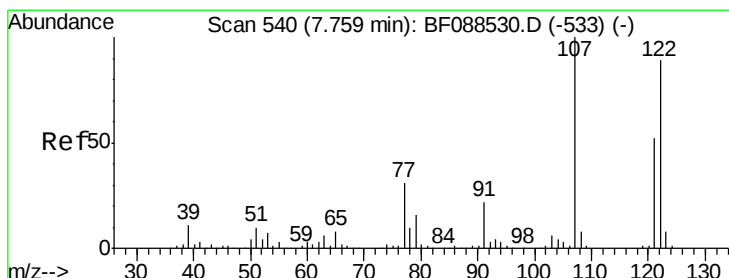
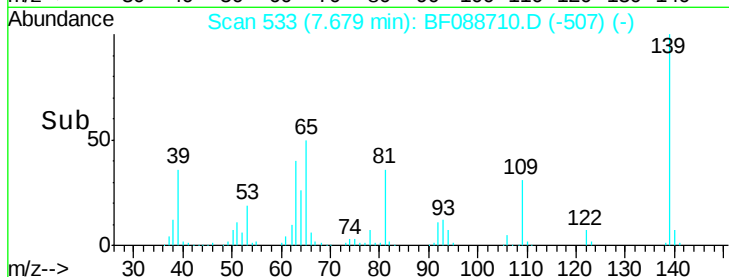
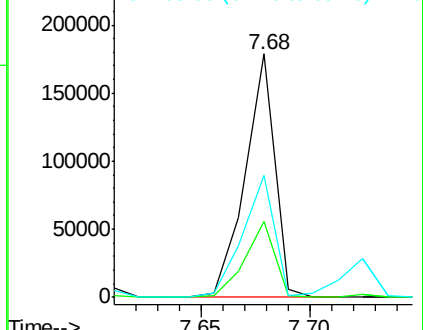
#26
2-Nitrophenol
Concen: 50.40 ng
RT: 7.68 min Scan# 533
Delta R.T. 0.00 min
Lab File: BF088710.D
Acq: 5 Jul 2016 18:42

Instrument :
BNA_F
ClientSampleId :
PB91726BS

Tot Ion:139	Resp:	169225
Ion Ratio	Lower	Upper
139	100	
109	31.1	23.0 34.4
65	50.1	45.8 68.8

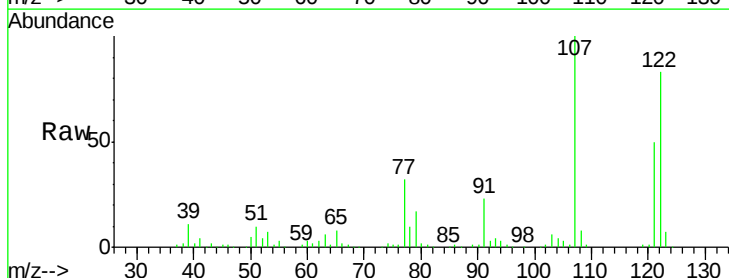


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

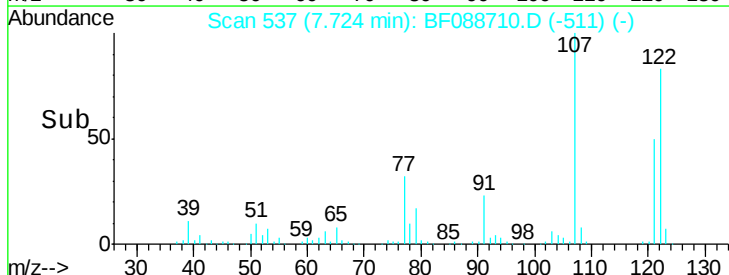
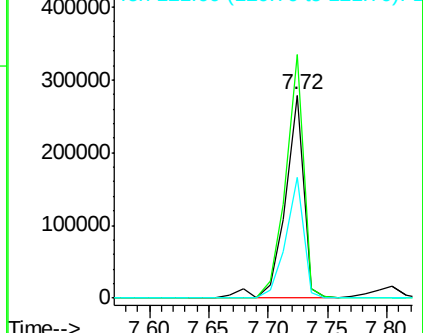


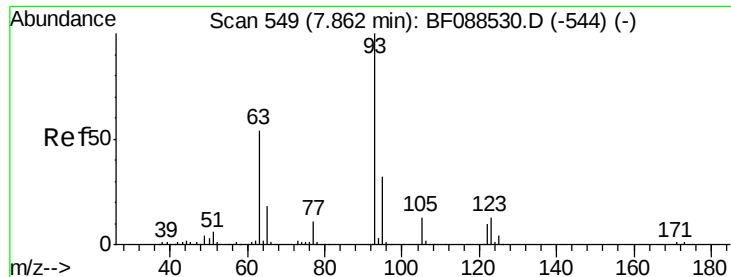
#27
2,4-Dimethylphenol
Concen: 43.02 ng
RT: 7.72 min Scan# 537
Delta R.T. 0.00 min
Lab File: BF088710.D
Acq: 5 Jul 2016 18:42

Tgt Ion:122	Resp:	300825
Ion Ratio	Lower	Upper
122	100	
107	119.9	82.4 123.6
121	59.7	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: 37.87 ng

RT: 7.82 min Scan# 545

Delta R.T. 0.00 min

Lab File: BF088710.D

Acq: 5 Jul 2016 18:42

Instrument :

BNA_F

ClientSampleId :

PB91726BS

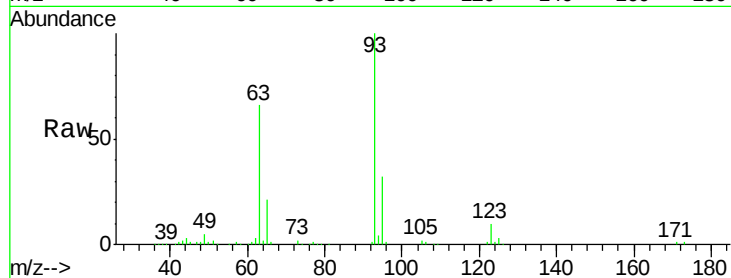
Tot Ion: 93 Resp: 370710

Ion Ratio Lower Upper

93 100

95 31.8 26.5 39.7

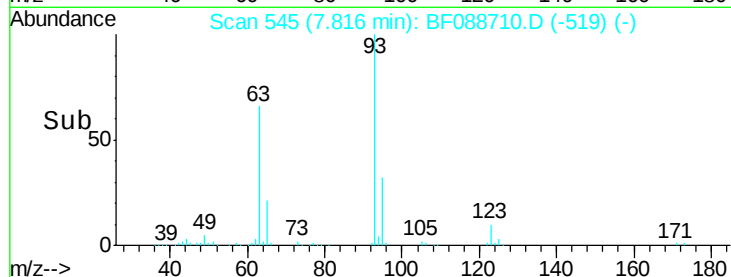
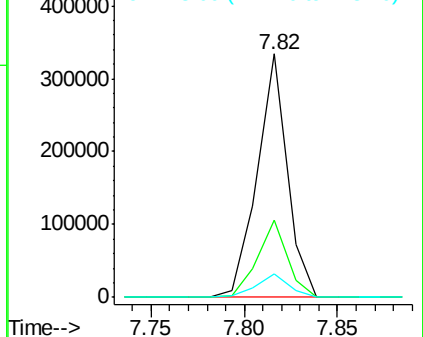
123 9.8 11.6 17.4#



Abundance Ion 93.00 (92.70 to 93.70): BF0

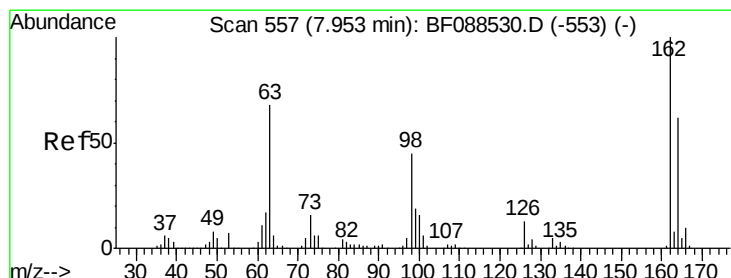
Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): BF0



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7/6/2016 7:19:16 PM



#29

2,4-Dichlorophenol

Concen: 42.18 ng

RT: 7.92 min Scan# 554

Delta R.T. 0.00 min

Lab File: BF088710.D

Acq: 5 Jul 2016 18:42

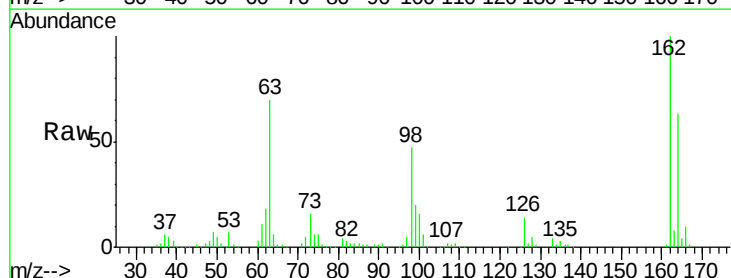
Tgt Ion: 162 Resp: 238405

Ion Ratio Lower Upper

162 100

164 62.9 43.8 83.8

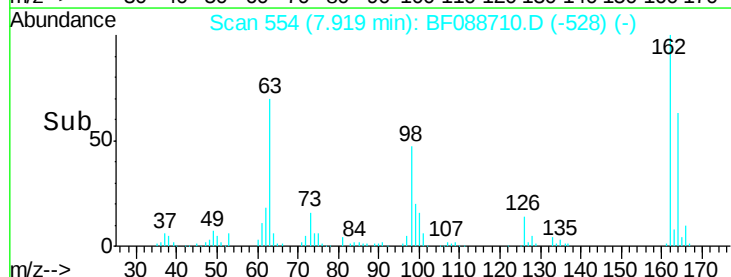
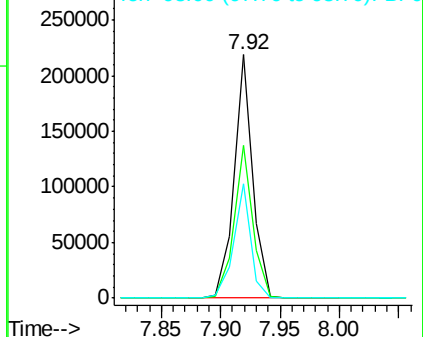
98 46.9 21.3 61.3

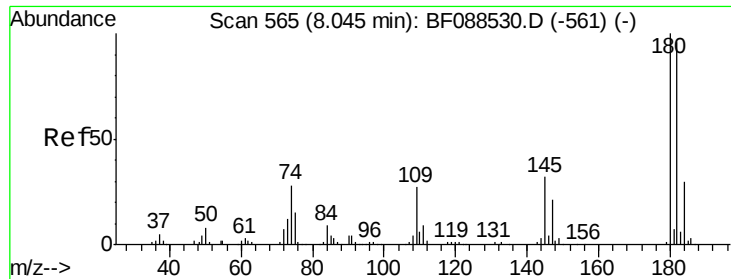


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF0

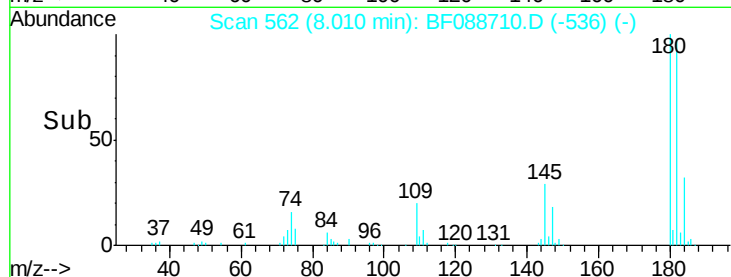
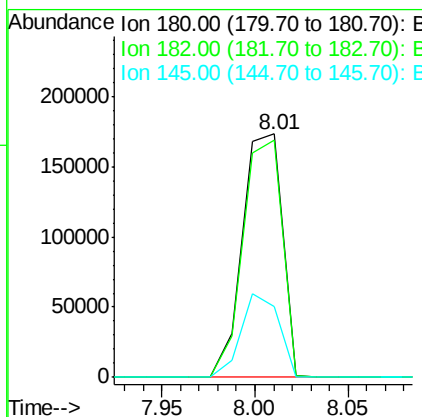
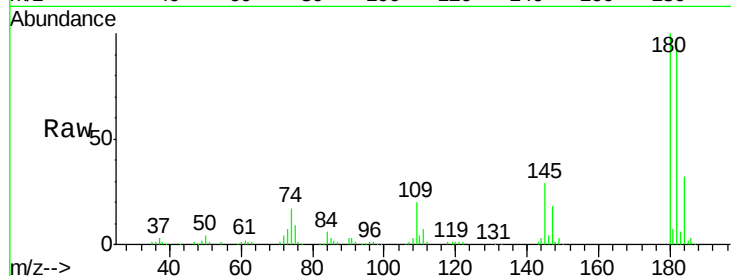




#30
 1,2,4-Trichlorobenzene
 Concen: 41.42 ng
 RT: 8.01 min Scan# 562
 Delta R.T. 0.00 min
 Lab File: BF088710.D
 Acq: 5 Jul 2016 18:42

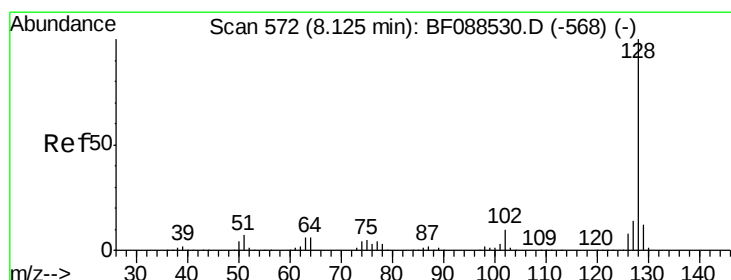
Instrument :
 BNA_F
 ClientSampleId :
 PB91726BS

Tot Ion	Ratio	Lower	Upper
180	100		
182	97.2	76.0	114.0
145	29.1	26.5	39.7



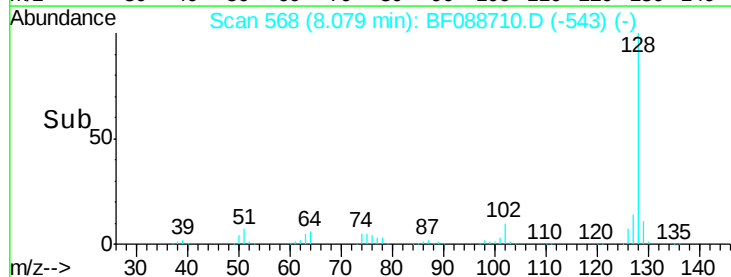
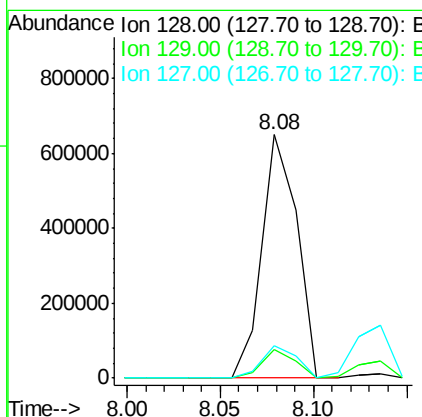
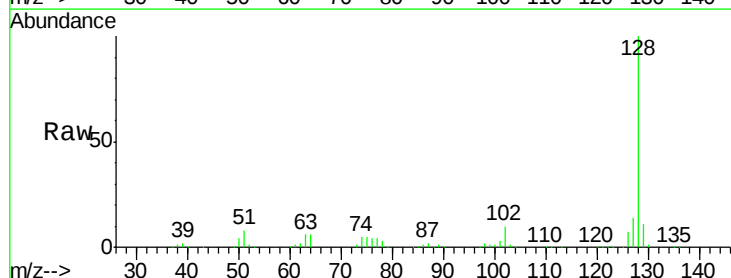
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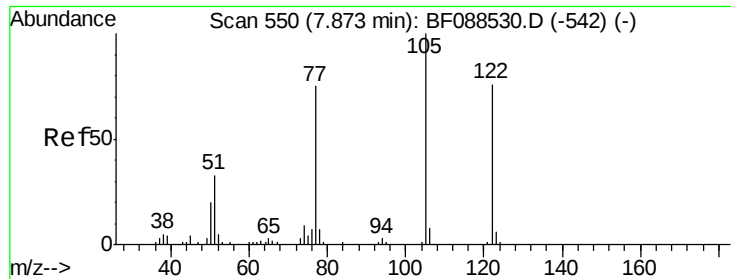
7/6/2016 7:19:16 PM



#31
 Naphthalene
 Concen: 40.26 ng
 RT: 8.08 min Scan# 568
 Delta R.T. -0.01 min
 Lab File: BF088710.D
 Acq: 5 Jul 2016 18:42

Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.5	9.4	14.2
127	13.6	10.9	16.3





#32

Benzoic acid

Concen: 6.82 ng

RT: 7.80 min Scan# 544

Delta R.T. -0.06 min

Lab File: BF088710.D

Acq: 5 Jul 2016 18:42

Instrument :

BNA_F

ClientSampleId :

PB91726BS

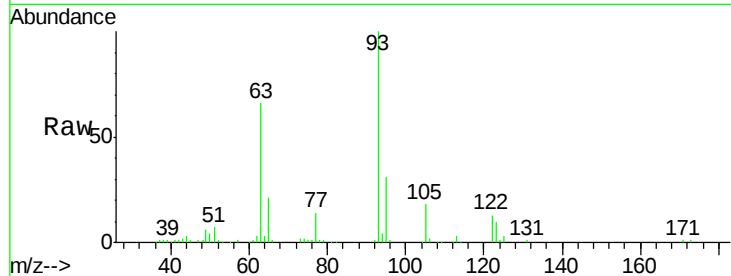
Tot Ion:122 Resp: 34619

Ion Ratio Lower Upper

122 100

105 132.4 101.6 141.6

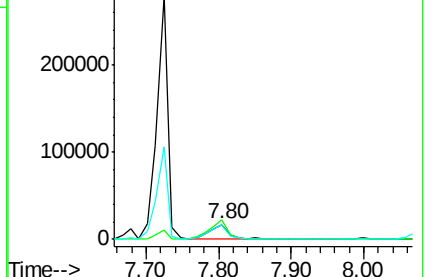
77 101.9 70.6 110.6



Abundance Ion 122.00 (121.70 to 122.70): E

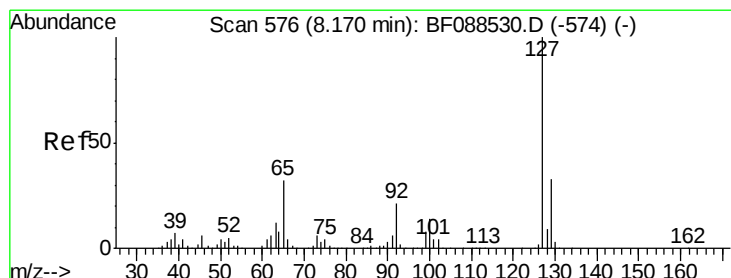
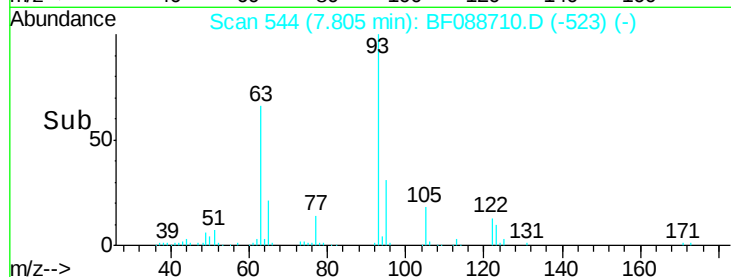
Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0



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7/6/2016 7:19:16 PM



#33

4-Chloroaniline

Concen: 20.23 ng

RT: 8.14 min Scan# 573

Delta R.T. 0.00 min

Lab File: BF088710.D

Acq: 5 Jul 2016 18:42

Tgt Ion:127 Resp: 188826

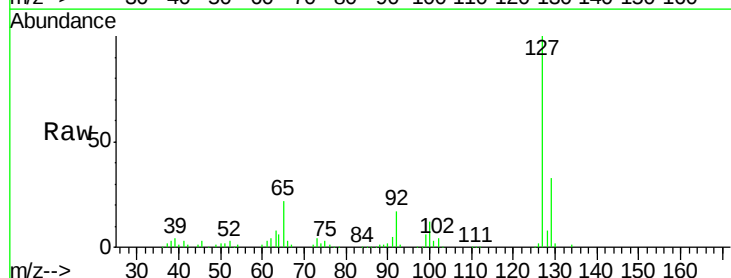
Ion Ratio Lower Upper

127 100

129 33.0 26.3 39.5

65 22.0 24.7 37.1#

92 16.8 15.4 23.0

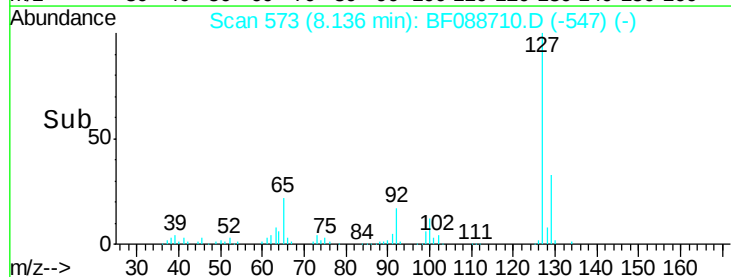
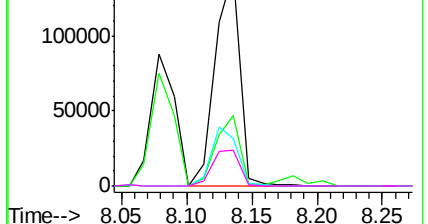


Abundance Ion 127.00 (126.70 to 127.70): E

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

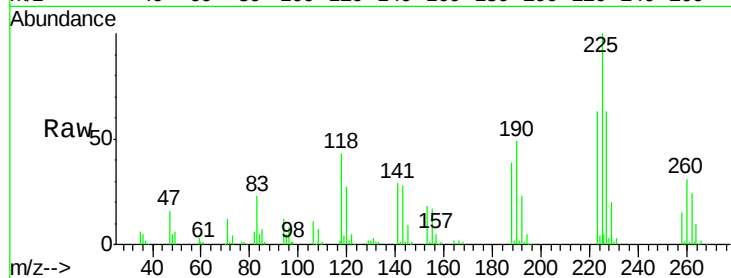




#34
Hexachlorobutadiene
Concen: 40.79 ng
RT: 8.20 min Scan# 579
Delta R.T. 0.00 min
Lab File: BF088710.D
Acq: 5 Jul 2016 18:42

Instrument :
BNA_F
ClientSampleId :
PB91726BS

Tot Ion	Ratio	Lower	Upper
225	100		
223	63.2	50.9	76.3
227	63.4	51.9	77.9

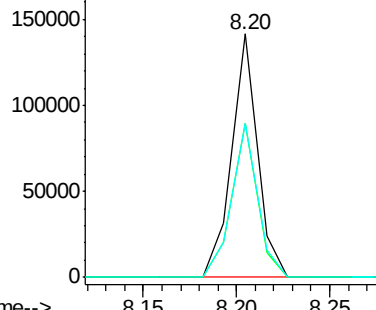


Abundance

Ion 225.00 (224.70 to 225.70): E

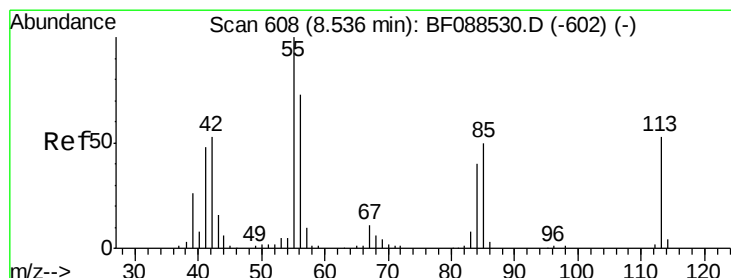
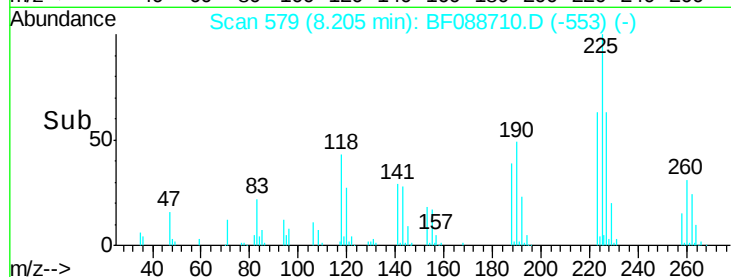
Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E



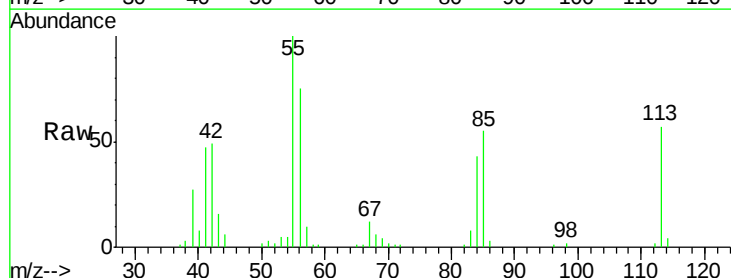
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#35
Caprolactam
Concen: 44.67 ng m
RT: 8.50 min Scan# 605
Delta R.T. -0.01 min
Lab File: BF088710.D
Acq: 5 Jul 2016 18:42

Tgt Ion	Ratio	Lower	Upper
113	100		
55	174.7	158.6	198.6
56	131.0	110.6	150.6

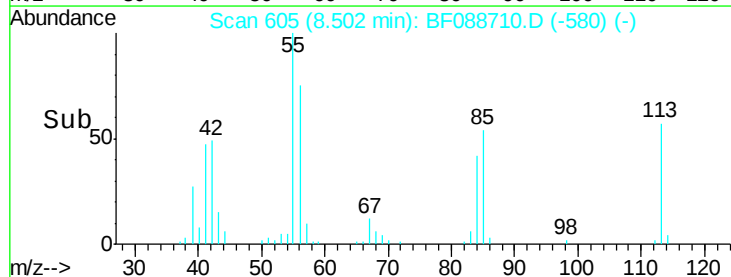
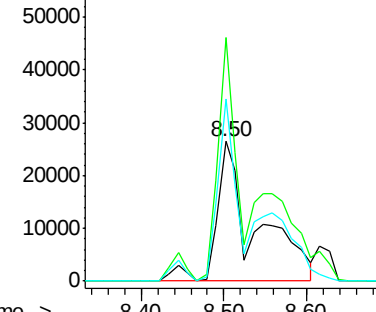


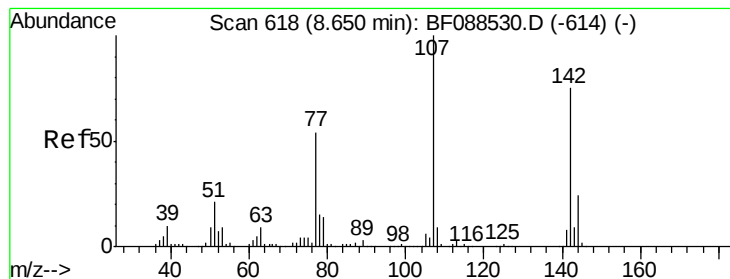
Abundance

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

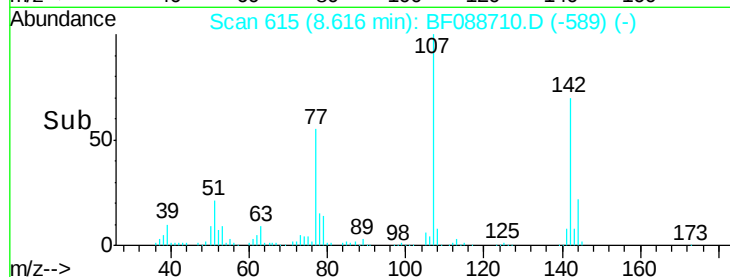
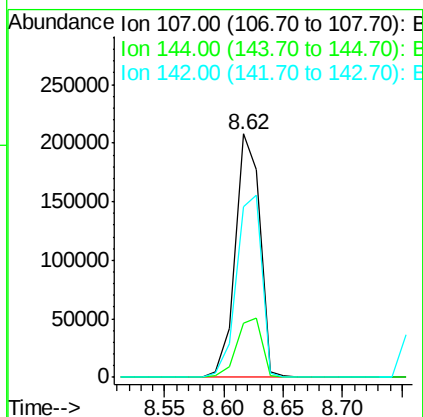
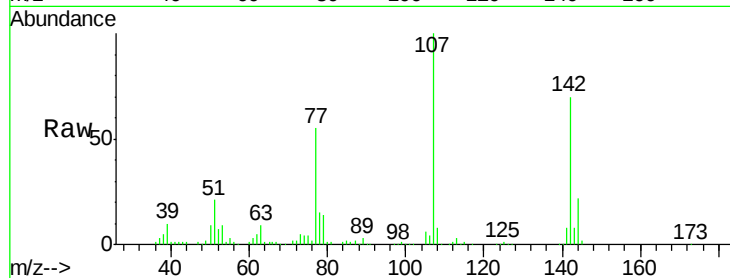




#36
4-Chloro-3-methylphenol
Concen: 44.97 ng
RT: 8.62 min Scan# 615
Delta R.T. 0.00 min
Lab File: BF088710.D
Acq: 5 Jul 2016 18:42

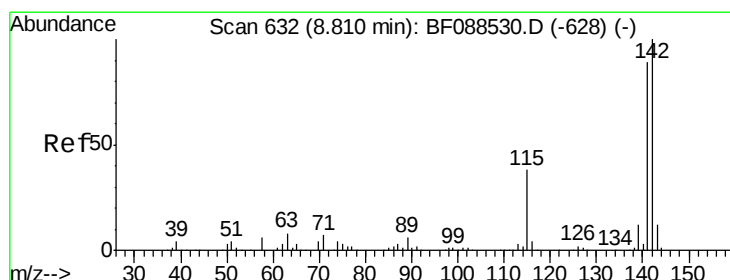
Instrument :
BNA_F
ClientSampleId :
PB91726BS

Tot Ion	Ratio	Lower	Upper
107	100		
144	22.4	20.8	31.2
142	70.3	63.4	95.2



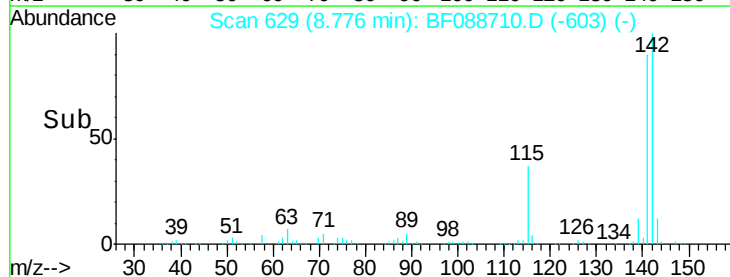
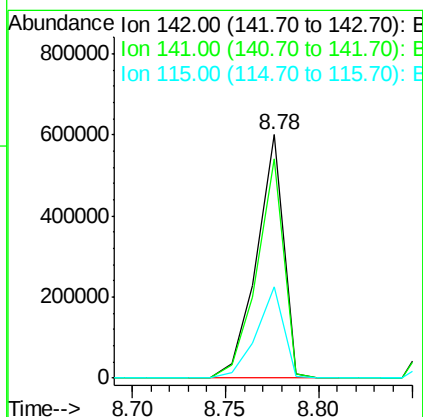
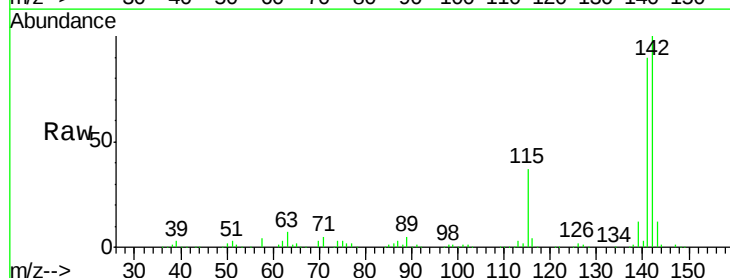
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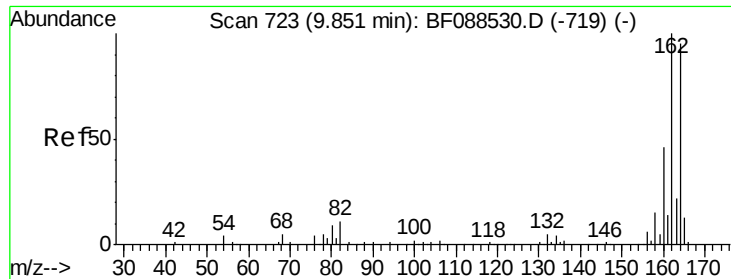
7/6/2016 7:19:16 PM



#37
2-Methylnaphthalene
Concen: 44.42 ng
RT: 8.78 min Scan# 629
Delta R.T. 0.00 min
Lab File: BF088710.D
Acq: 5 Jul 2016 18:42

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.2	71.0	106.6
115	37.3	22.6	33.8





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.82 min Scan# 720

Delta R.T. 0.00 min

Lab File: BF088710.D

Acq: 5 Jul 2016 18:42

Instrument :

BNA_F

ClientSampleId :

PB91726BS

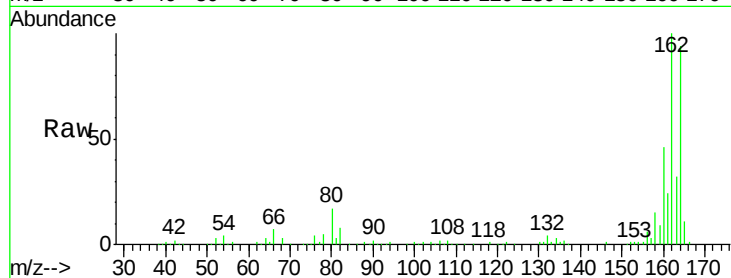
Tot Ion:164 Resp: 211867

Ion Ratio Lower Upper

164 100

162 106.5 85.4 128.2

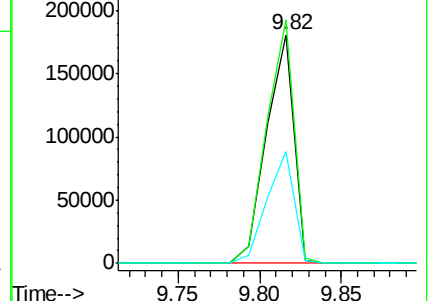
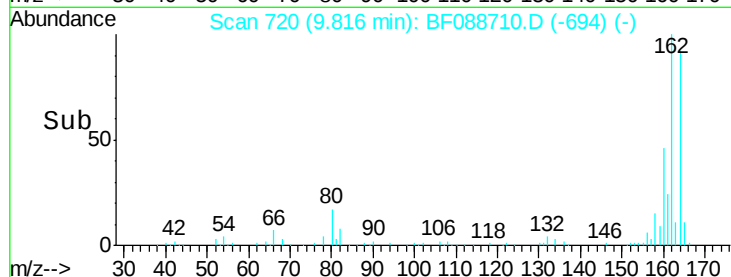
160 49.1 39.5 59.3



Abundance Ion 164.00 (163.70 to 164.70): E

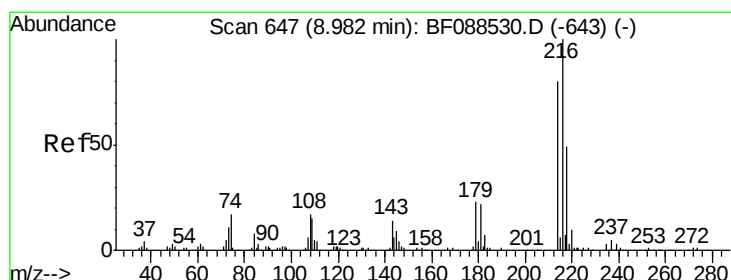
Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



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7/6/2016 7:19:16 PM



#39

1,2,4,5-Tetrachlorobenzene

Concen: 32.67 ng

RT: 8.95 min Scan# 644

Delta R.T. 0.00 min

Lab File: BF088710.D

Acq: 5 Jul 2016 18:42

Tgt Ion:216 Resp: 230219

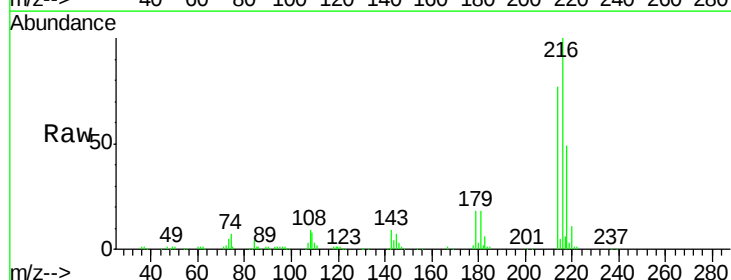
Ion Ratio Lower Upper

216 100

214 78.6 2.9 4.3#

179 22.2 0.0 0.0#

108 23.5 0.5 0.7#

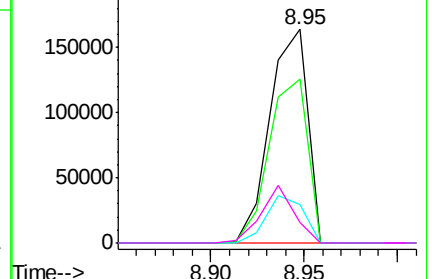
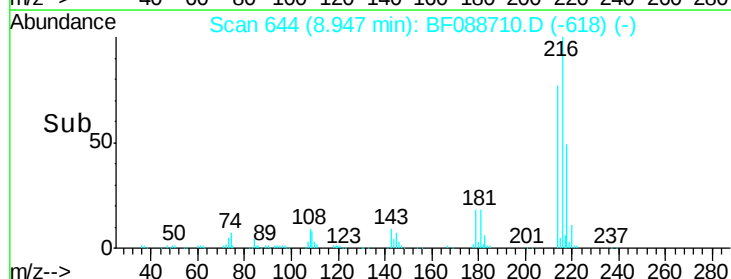


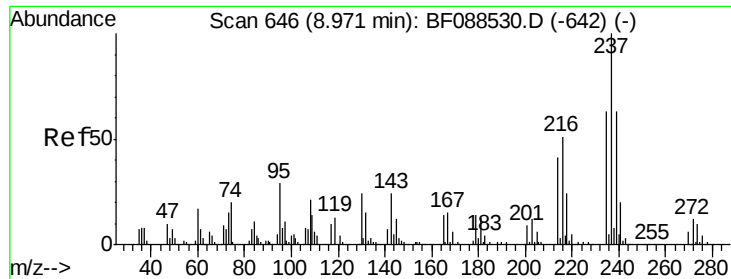
Abundance Ion 216.00 (215.70 to 216.70): E

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

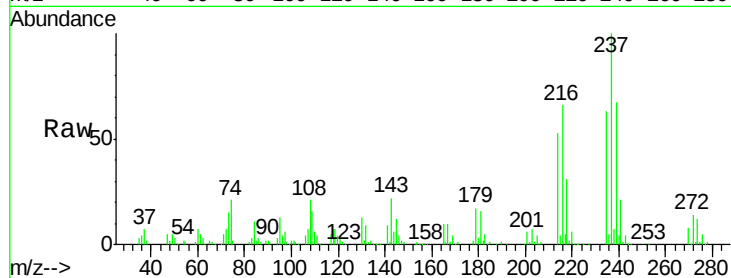




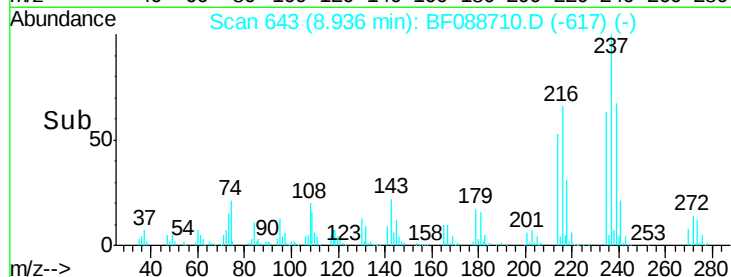
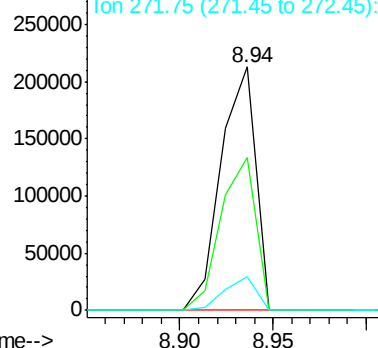
#40
Hexachlorocyclopentadiene
Concen: 79.20 ng
RT: 8.94 min Scan# 643
Delta R.T. 0.00 min
Lab File: BF088710.D
Acq: 5 Jul 2016 18:42

Instrument :
BNA_F
ClientSampleId :
PB91726BS

Tot Ion	Ratio	Lower	Upper
237	100		
235	62.6	43.4	83.4
272	14.1	0.0	32.3

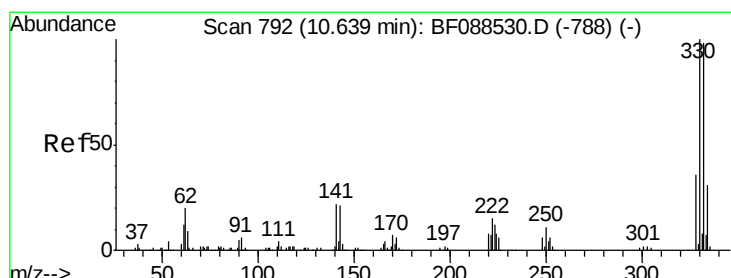


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



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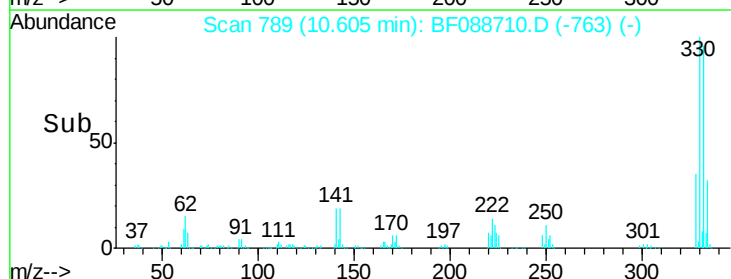
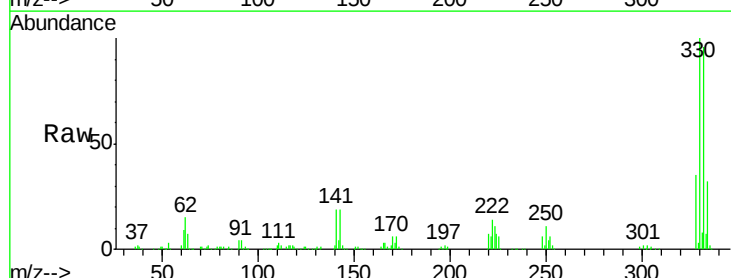
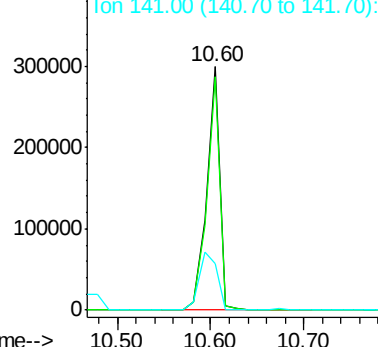
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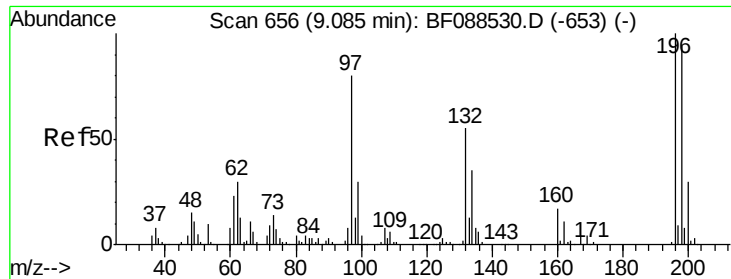


#41
2,4,6-Tribromophenol
Concen: 150.44 ng
RT: 10.60 min Scan# 789
Delta R.T. 0.00 min
Lab File: BF088710.D
Acq: 5 Jul 2016 18:42

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.4	0.0	0.0#
141	32.6	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

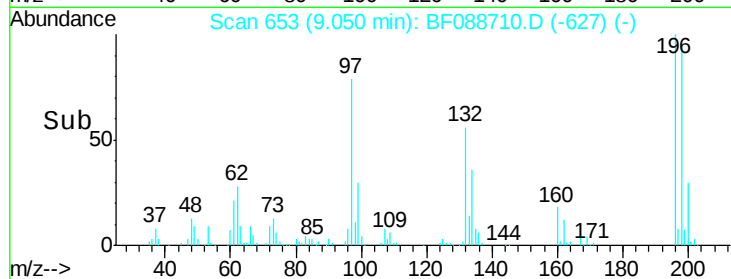
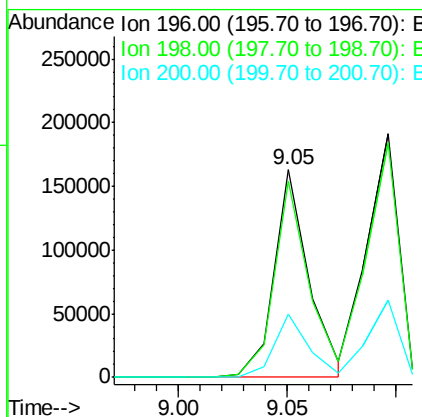
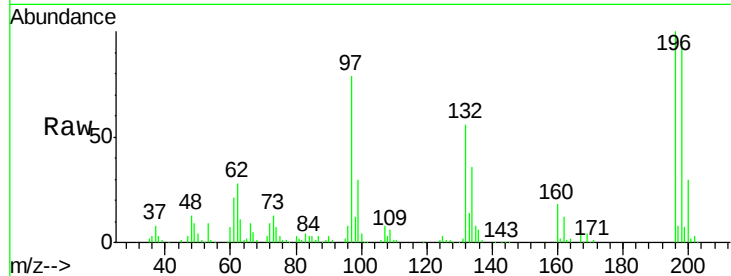




#42
 2,4,6-Trichlorophenol
 Concen: 39.24 ng
 RT: 9.05 min Scan# 653
 Delta R.T. 0.00 min
 Lab File: BF088710.D
 Acq: 5 Jul 2016 18:42

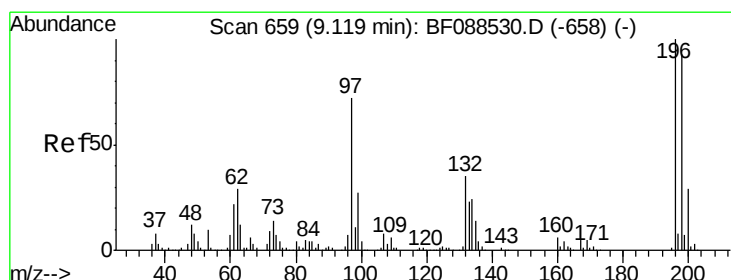
Instrument :
 BNA_F
 ClientSampleId :
 PB91726BS

Tot Ion	Ratio	Lower	Upper
196	100		
198	94.6	78.0	117.0
200	30.3	25.4	38.2



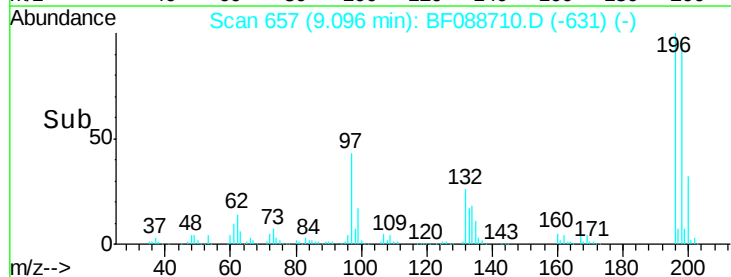
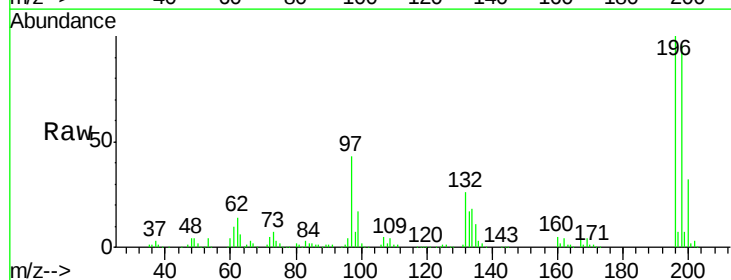
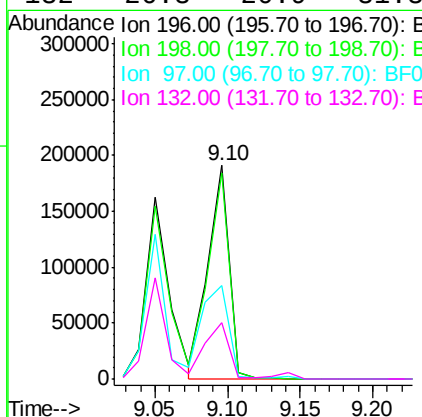
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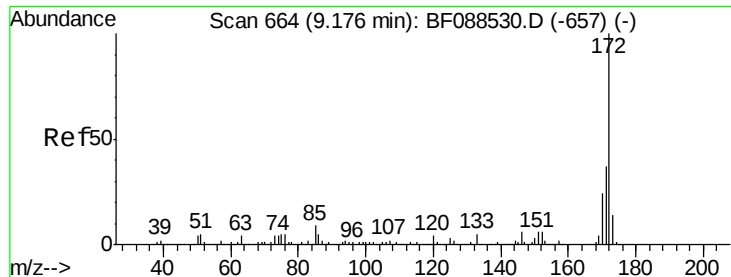
7/6/2016 7:19:16 PM



#43
 2,4,5-Trichlorophenol
 Concen: 48.86 ng
 RT: 9.10 min Scan# 657
 Delta R.T. 0.00 min
 Lab File: BF088710.D
 Acq: 5 Jul 2016 18:42

Tgt Ion	Ratio	Lower	Upper
196	100		
198	96.3	77.5	116.3
97	43.5	32.0	48.0
132	26.3	20.9	31.3





#44

2-Fluorobiphenyl

Concen: 87.64 ng

RT: 9.14 min Scan# 661

Delta R.T. 0.00 min

Lab File: BF088710.D

Acq: 5 Jul 2016 18:42

Instrument :

BNA_F

ClientSampleId :

PB91726BS

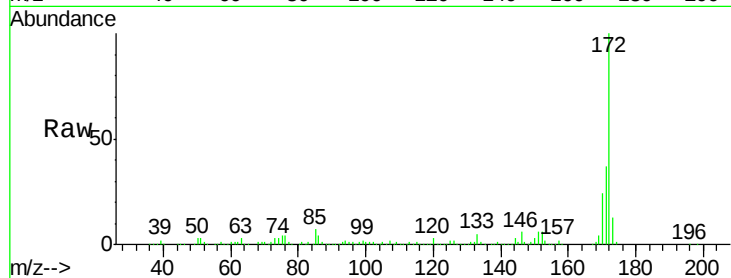
Tot Ion:172 Resp: 1175542

Ion Ratio Lower Upper

172 100

171 36.6 28.6 43.0

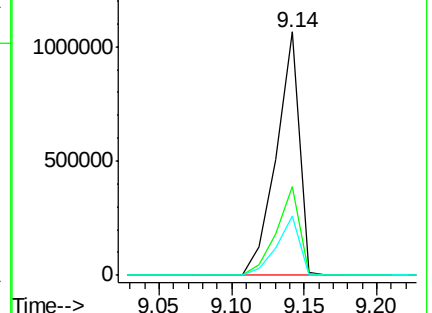
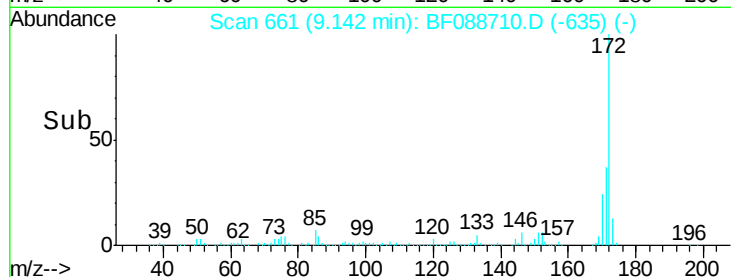
170 24.3 19.2 28.8



Abundance Ion 172.00 (171.70 to 172.70): E

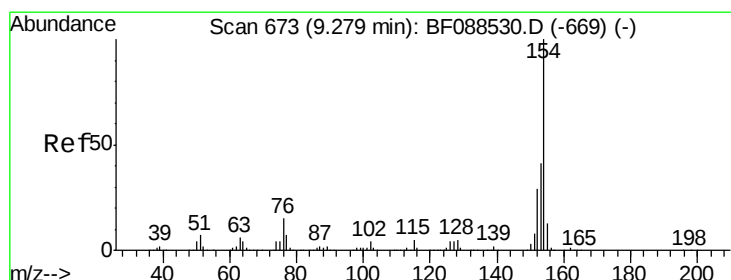
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



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7/6/2016 7:19:16 PM



#45

1,1'-Biphenyl

Concen: 38.55 ng

RT: 9.23 min Scan# 669

Delta R.T. -0.01 min

Lab File: BF088710.D

Acq: 5 Jul 2016 18:42

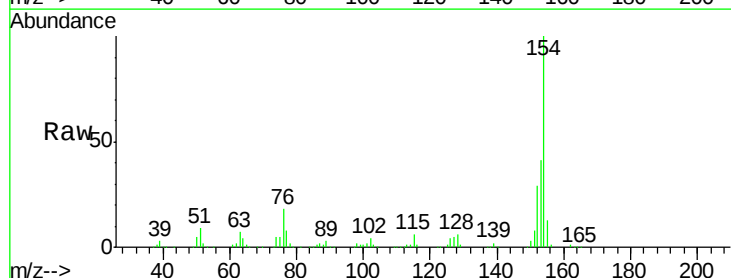
Tgt Ion:154 Resp: 676283

Ion Ratio Lower Upper

154 100

153 40.8 20.6 60.6

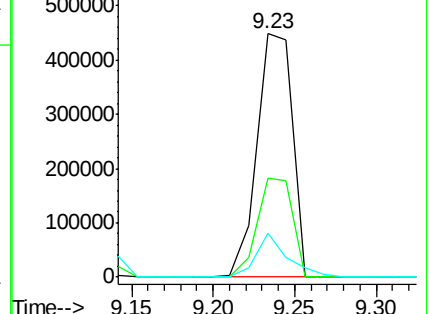
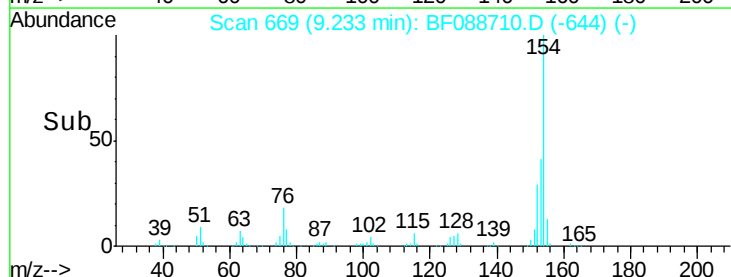
76 17.8 0.0 35.1

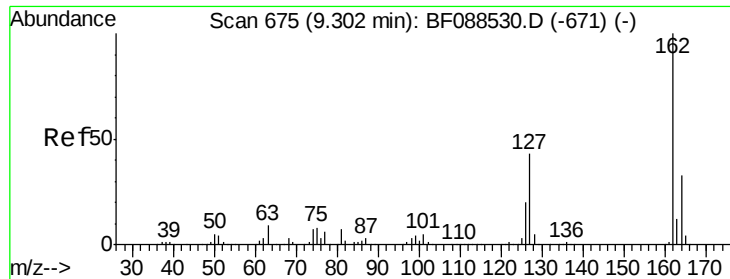


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0

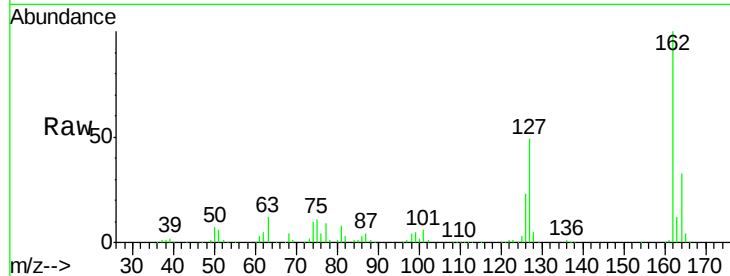




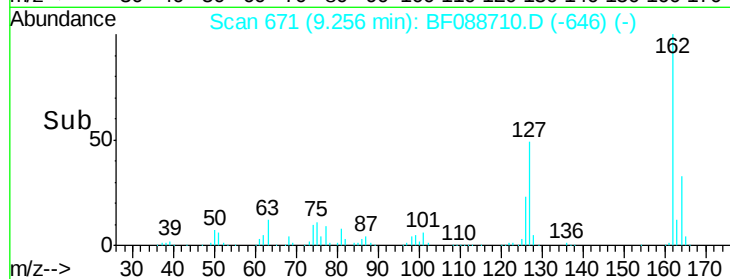
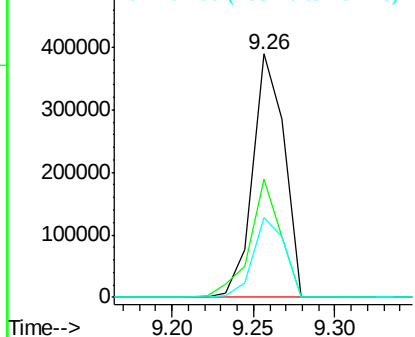
#46
2-Chloronaphthalene
Concen: 37.76 ng
RT: 9.26 min Scan# 671
Delta R.T. -0.01 min
Lab File: BF088710.D
Acq: 5 Jul 2016 18:42

Instrument :
BNA_F
ClientSampleId :
PB91726BS

Tot Ion	Ratio	Lower	Upper
162	100		
127	48.5	35.2	52.8
164	32.5	26.6	39.8

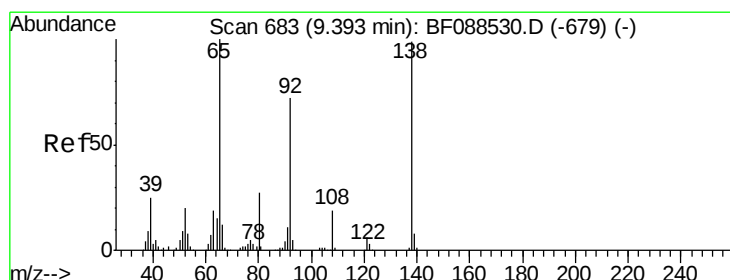


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E



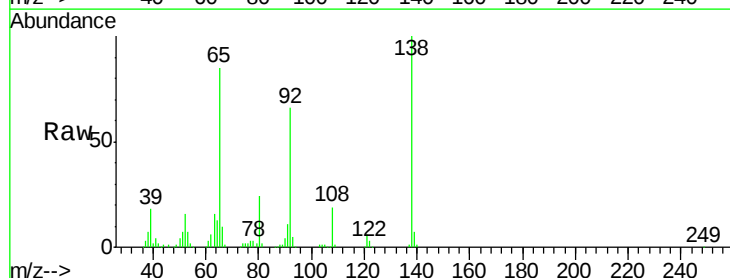
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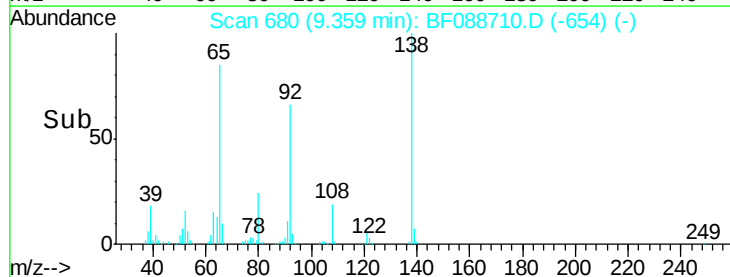
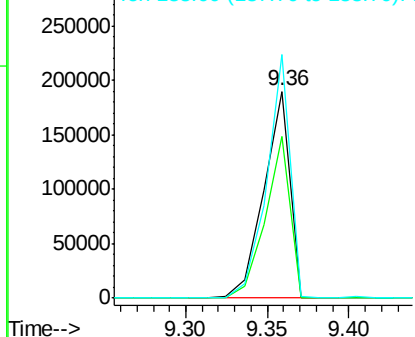


#47
2-Nitroaniline
Concen: 43.19 ng
RT: 9.36 min Scan# 680
Delta R.T. 0.00 min
Lab File: BF088710.D
Acq: 5 Jul 2016 18:42

Tgt Ion	Ratio	Lower	Upper
65	100		
92	78.0	54.6	82.0
138	117.7	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

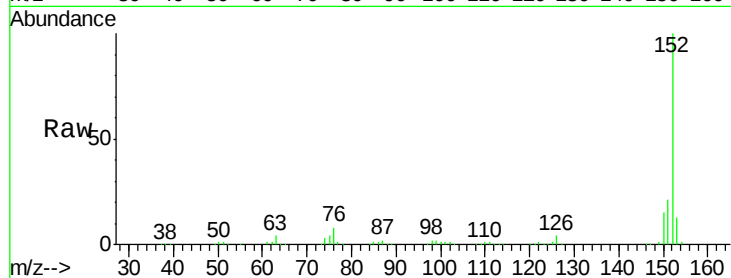




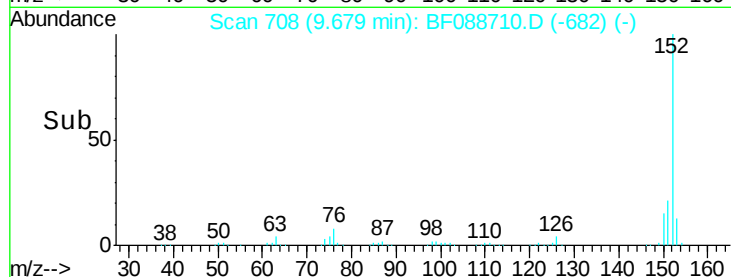
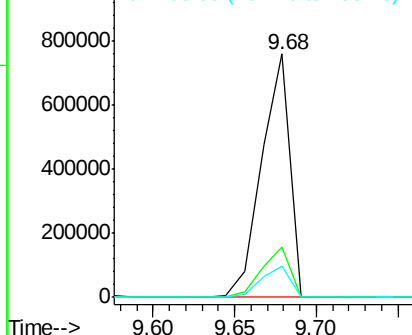
#48
Acenaphthylene
Concen: 41.48 ng
RT: 9.68 min Scan# 708
Delta R.T. 0.00 min
Lab File: BF088710.D
Acq: 5 Jul 2016 18:42

Instrument :
BNA_F
ClientSampleId :
PB91726BS

Tot Ion:	152	Resp:	908915
Ion Ratio	Lower	Upper	
152	100		
151	20.6	16.2	24.4
153	12.9	11.0	16.6

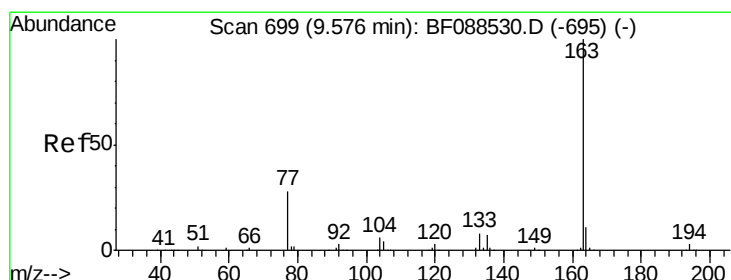


Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



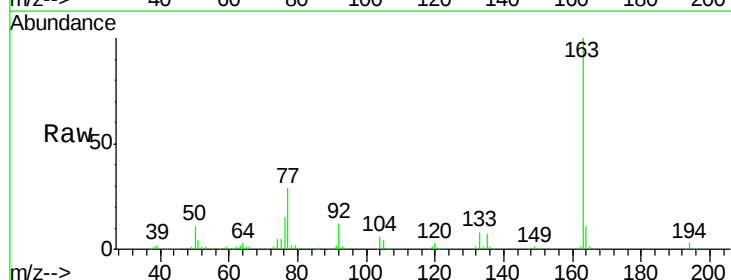
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7/6/2016 7:19:16 PM

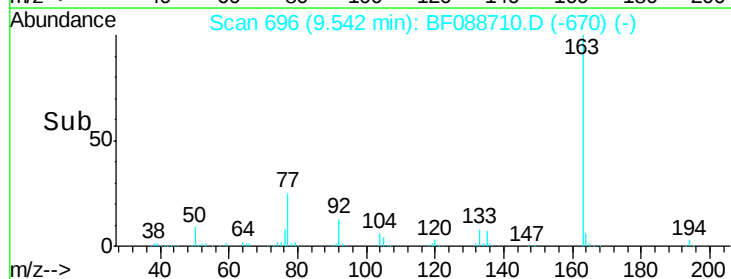
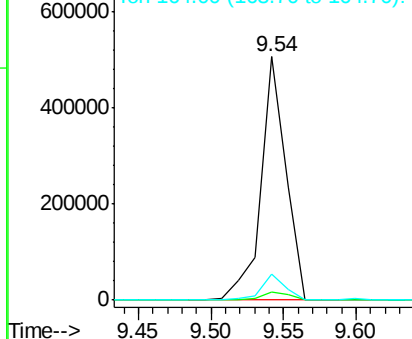


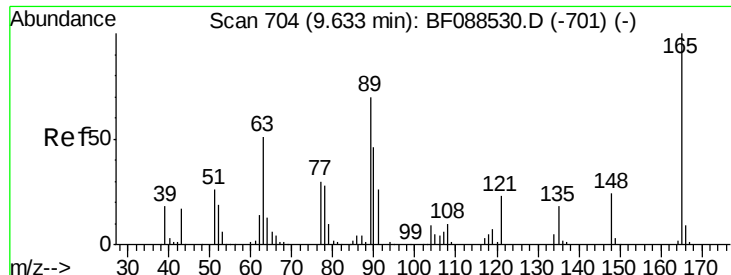
#49
Dimethylphthalate
Concen: 39.79 ng
RT: 9.54 min Scan# 696
Delta R.T. 0.00 min
Lab File: BF088710.D
Acq: 5 Jul 2016 18:42

Tgt Ion:	163	Resp:	600651
Ion Ratio	Lower	Upper	
163	100		
194	3.2	2.8	4.2
164	10.8	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

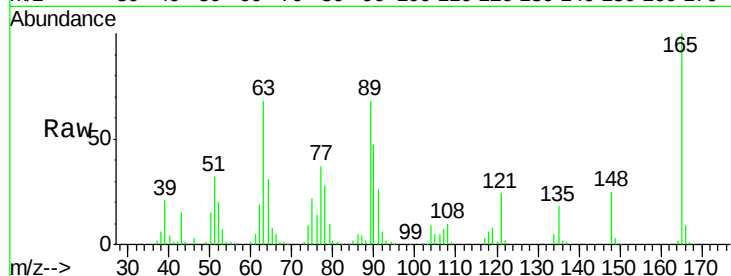




#50
2,6-Dinitrotoluene
Concen: 41.03 ng
RT: 9.60 min Scan# 701
Delta R.T. 0.00 min
Lab File: BF088710.D
Acq: 5 Jul 2016 18:42

Instrument :
BNA_F
ClientSampleId :
PB91726BS

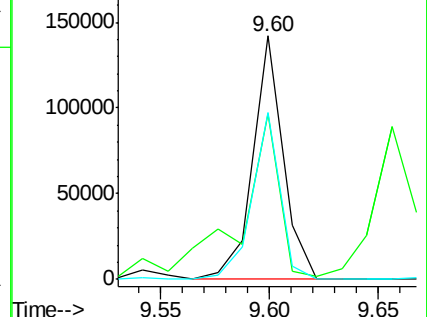
Tot Ion	Ratio	Lower	Upper
165	100		
63	68.0	28.1	42.1#
89	68.5	32.2	48.2#



Abundance Ion 165.00 (164.70 to 165.70): E

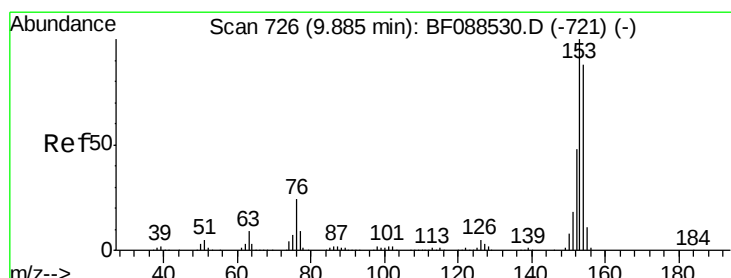
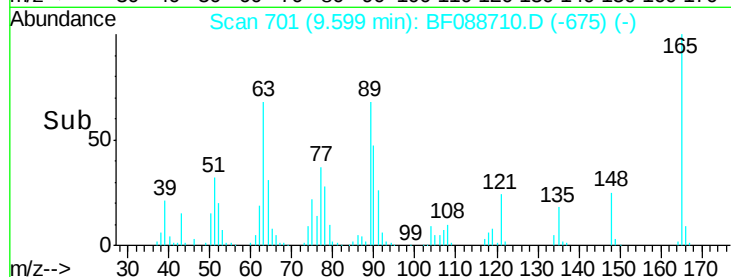
Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0



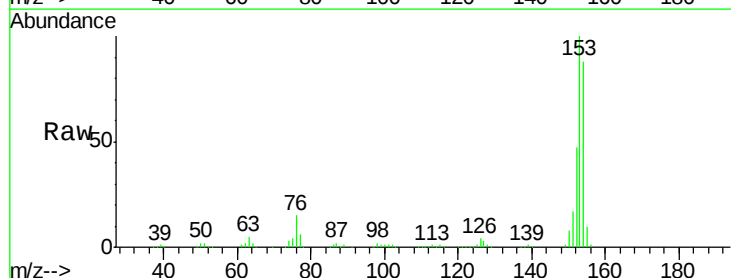
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7/6/2016 7:19:16 PM



#51
Acenaphthene
Concen: 41.82 ng
RT: 9.85 min Scan# 723
Delta R.T. 0.00 min
Lab File: BF088710.D
Acq: 5 Jul 2016 18:42

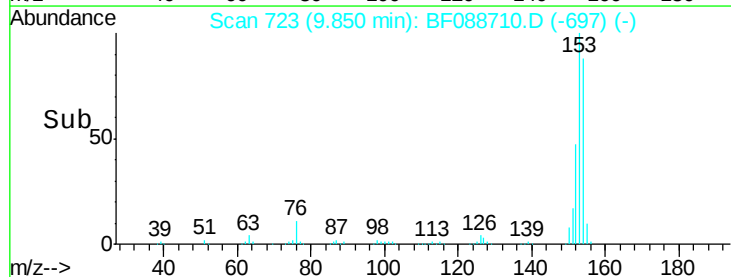
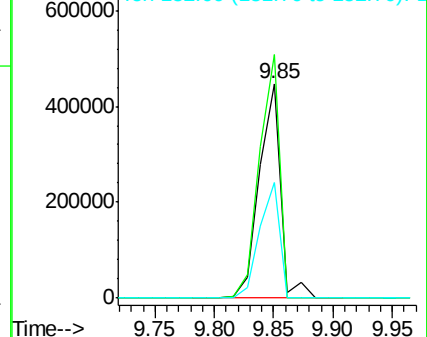
Tgt Ion	Ratio	Lower	Upper
154	100		
153	113.5	89.5	134.3
152	53.6	42.7	64.1



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

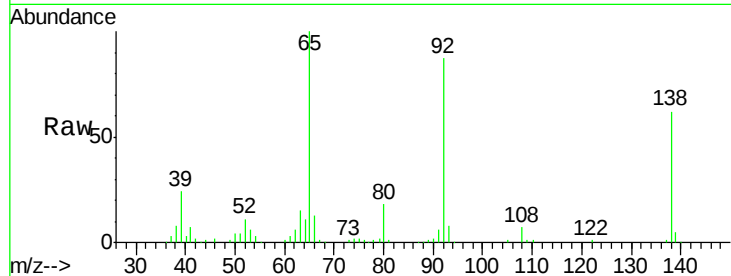




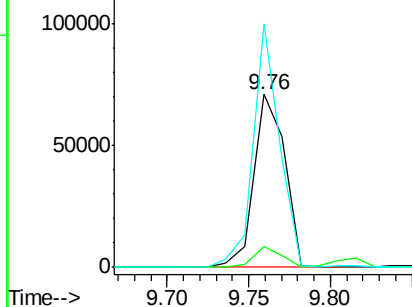
#52
3-Nitroaniline
Concen: 21.88 ng
RT: 9.76 min Scan# 715
Delta R.T. -0.01 min
Lab File: BF088710.D
Acq: 5 Jul 2016 18:42

Instrument :
BNA_F
ClientSampleId :
PB91726BS

Tot Ion:138 Resp: 93042
Ion Ratio Lower Upper
138 100
108 12.1 8.5 12.7
92 140.9 95.7 143.5

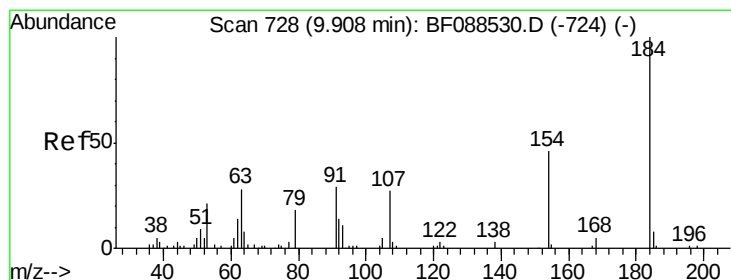
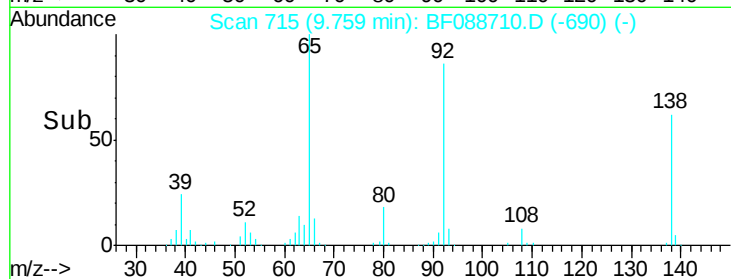


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF0



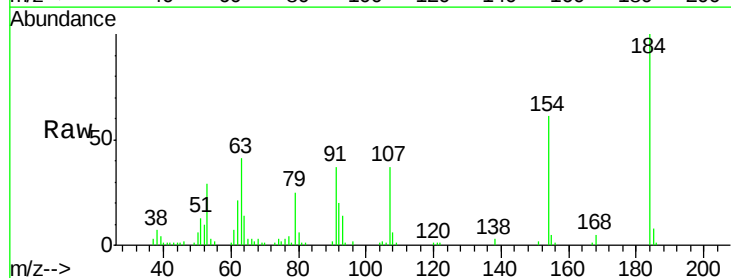
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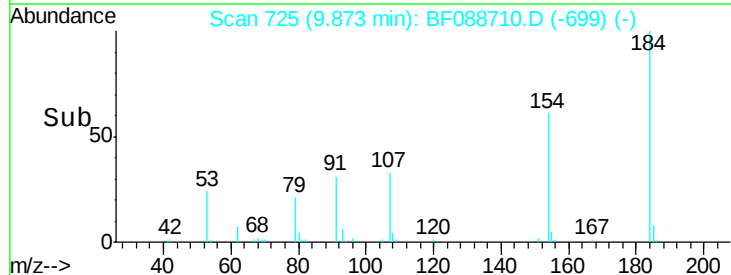
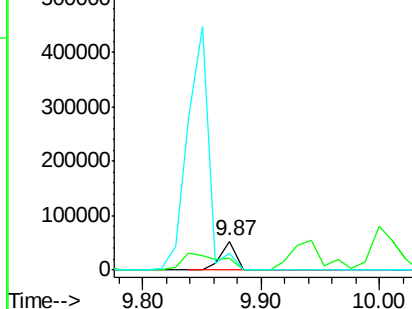


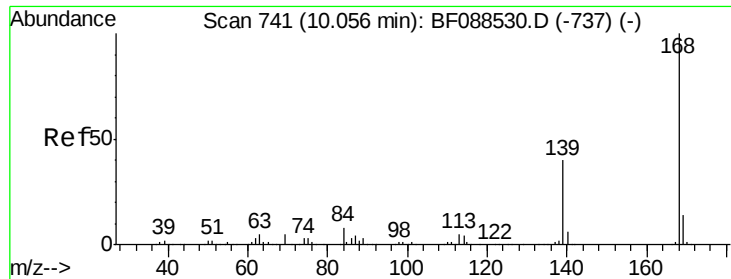
#53
2,4-Dinitrophenol
Concen: 32.16 ng
RT: 9.87 min Scan# 725
Delta R.T. 0.00 min
Lab File: BF088710.D
Acq: 5 Jul 2016 18:42

Tgt Ion:184 Resp: 47504
Ion Ratio Lower Upper
184 100
63 41.1 57.6 86.4#
154 61.1 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

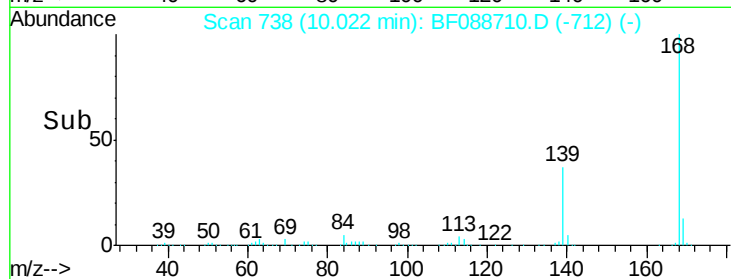
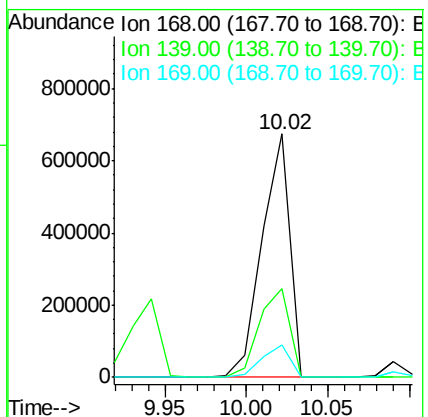
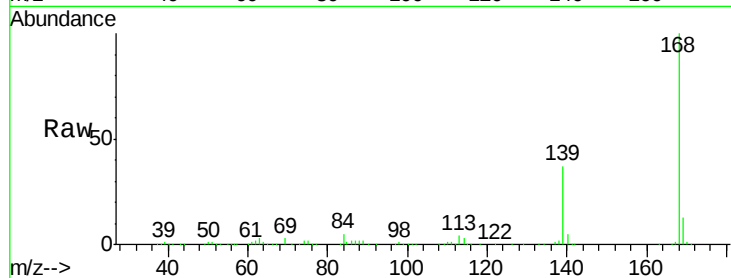




#54
Dibenzofuran
Concen: 45.19 ng
RT: 10.02 min Scan# 738
Delta R.T. 0.00 min
Lab File: BF088710.D
Acq: 5 Jul 2016 18:42

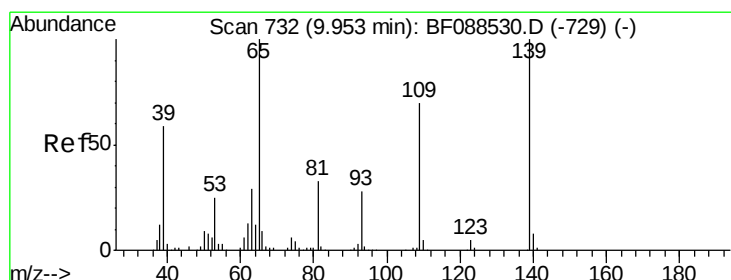
Instrument :
BNA_F
ClientSampleId :
PB91726BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	36.6	26.4	39.6
169	13.1	10.4	15.6



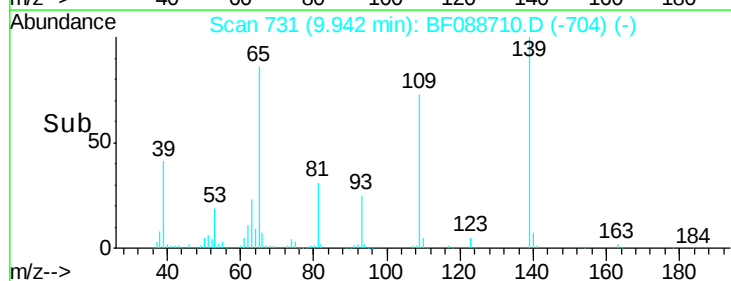
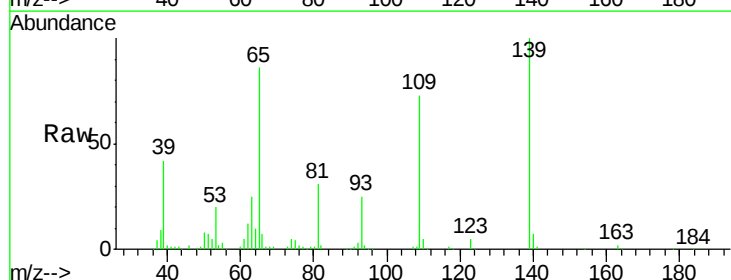
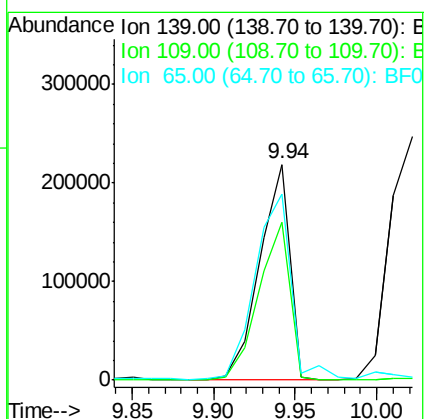
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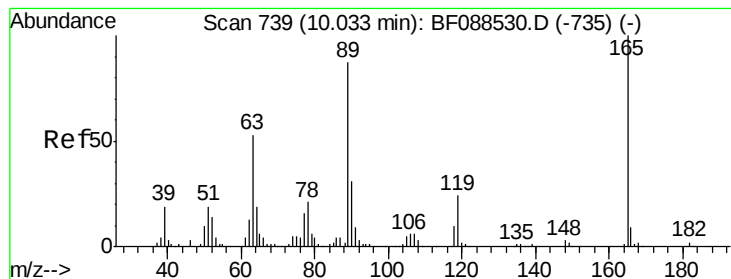
7/6/2016 7:19:16 PM



#55
4-Nitrophenol
Concen: 87.62 ng
RT: 9.94 min Scan# 731
Delta R.T. 0.01 min
Lab File: BF088710.D
Acq: 5 Jul 2016 18:42

Tgt Ion	Ratio	Lower	Upper
139	100		
109	73.2	48.9	88.9
65	86.5	84.9	124.9





#56

2,4-Dinitrotoluene

Concen: 45.13 ng

RT: 10.00 min Scan# 736

Delta R.T. 0.00 min

Lab File: BF088710.D

Acq: 5 Jul 2016 18:42

Instrument :

BNA_F

ClientSampleId :

PB91726BS

Tot Ion:165 Resp: 197406

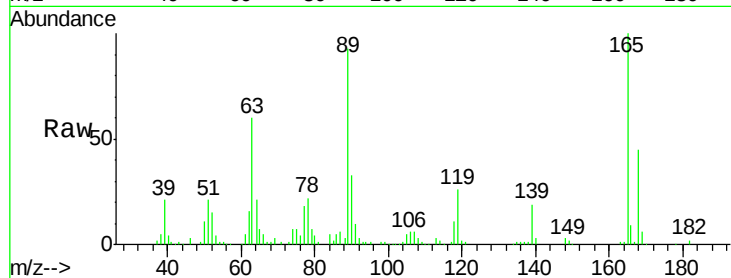
Ion Ratio Lower Upper

165 100

63 60.2 22.0 33.0#

89 92.9 41.1 61.7#

182 2.3 2.0 3.0

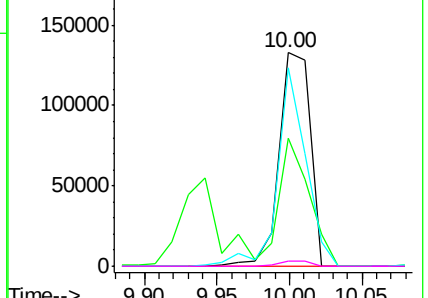


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

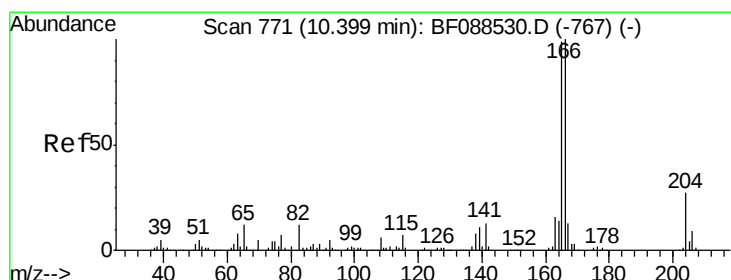
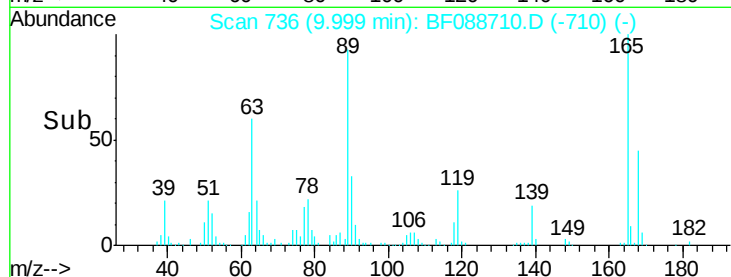
Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



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7/6/2016 7:19:16 PM



#57

Fluorene

Concen: 41.81 ng

RT: 10.35 min Scan# 767

Delta R.T. -0.01 min

Lab File: BF088710.D

Acq: 5 Jul 2016 18:42

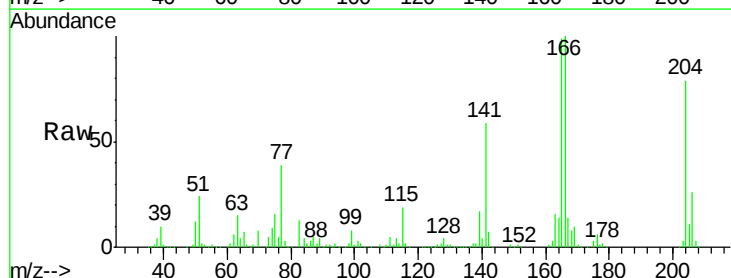
Tgt Ion:166 Resp: 566520

Ion Ratio Lower Upper

166 100

165 98.9 77.8 116.8

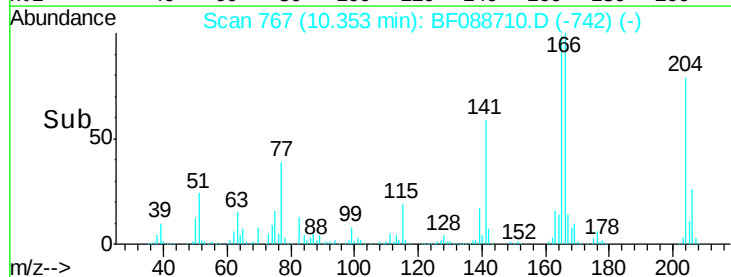
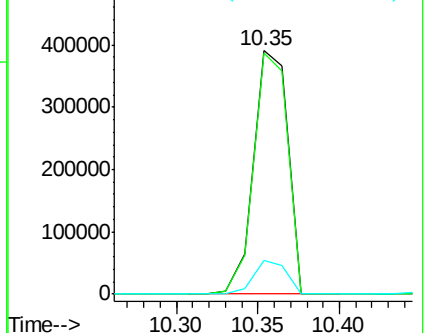
167 14.0 11.2 16.8

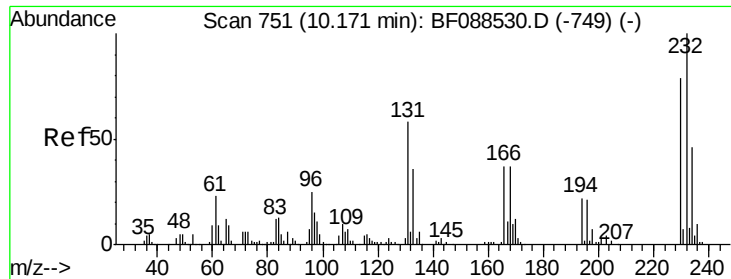


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

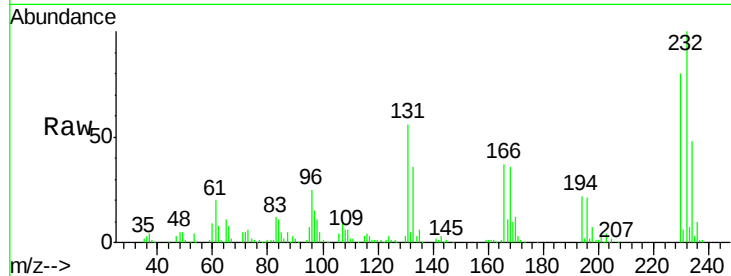




#58
 2,3,4,6-Tetrachlorophenol
 Concen: 47.95 ng
 RT: 10.14 min Scan# 748
 Delta R.T. 0.00 min
 Lab File: BF088710.D
 Acq: 5 Jul 2016 18:42

Instrument :
 BNA_F
 ClientSampleId :
 PB91726BS

Tot Ion	Ratio	Lower	Upper
232	100		
131	56.8	0.9	1.3#
130	2.7	1.5	2.3#
166	36.3	0.5	0.7#



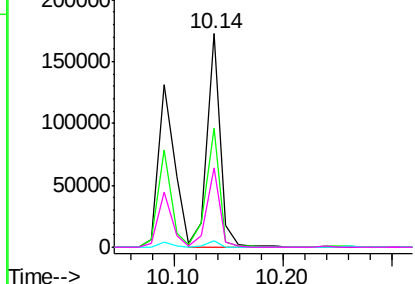
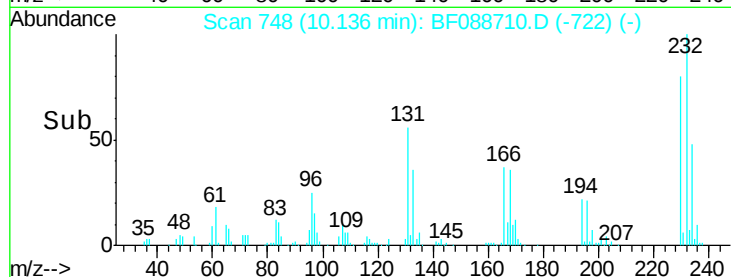
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

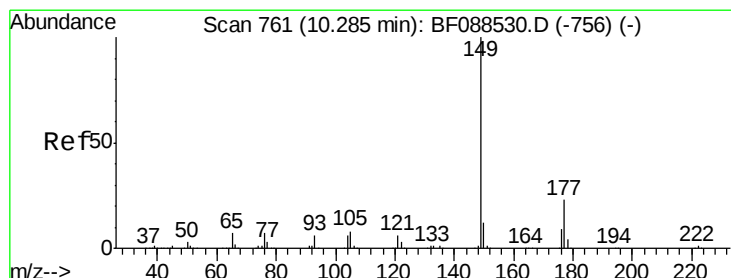
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



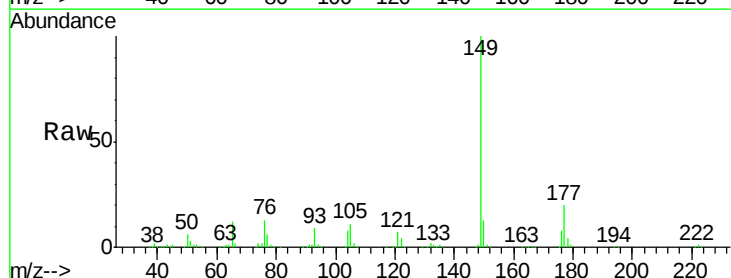
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7/6/2016 7:19:16 PM



#59
 Diethylphthalate
 Concen: 41.53 ng
 RT: 10.24 min Scan# 757
 Delta R.T. 0.00 min
 Lab File: BF088710.D
 Acq: 5 Jul 2016 18:42

Tgt Ion	Ratio	Lower	Upper
149	100		
177	19.8	16.9	25.3
150	12.6	10.1	15.1

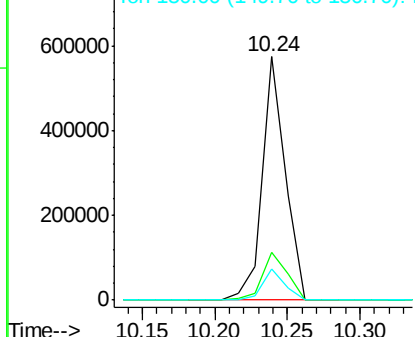
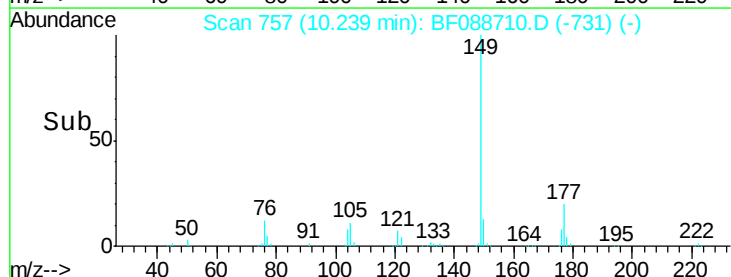


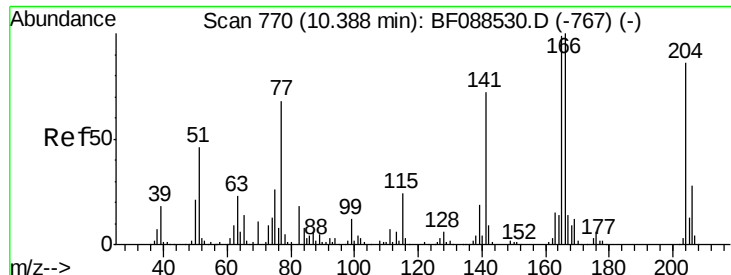
Abundance

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

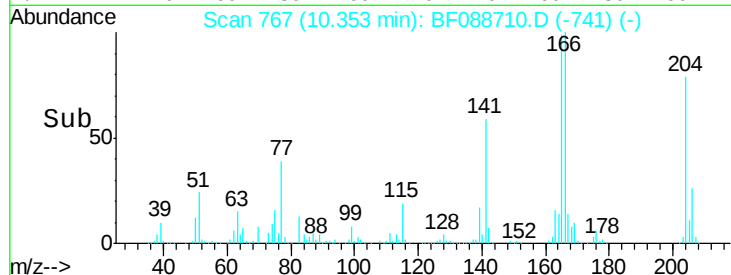
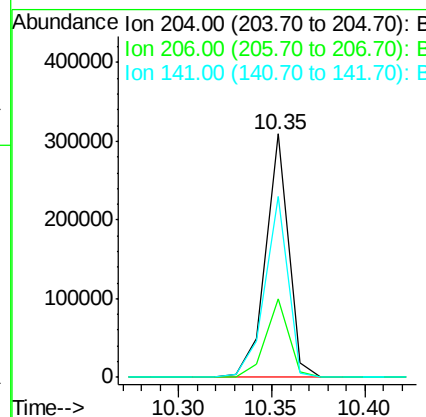
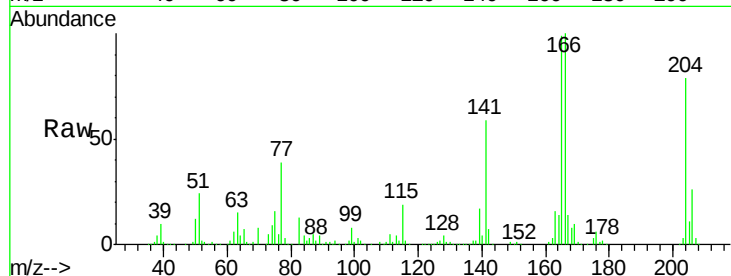




#60
 4-Chlorophenyl-phenylether
 Concen: 41.39 ng
 RT: 10.35 min Scan# 767
 Delta R.T. 0.00 min
 Lab File: BF088710.D
 Acq: 5 Jul 2016 18:42

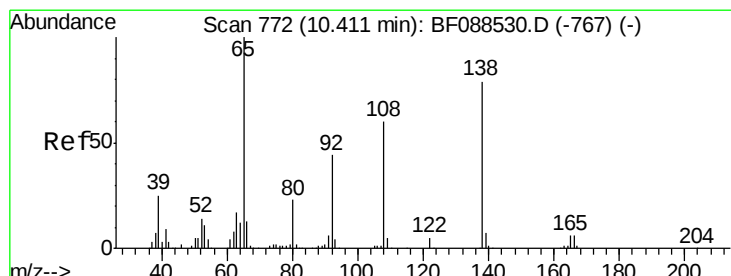
Instrument :
 BNA_F
 ClientSampleId :
 PB91726BS

Tot Ion:	204	Resp:	260577
Ion Ratio	Lower	Upper	
204	100		
206	32.4	26.3	39.5
141	74.1	55.0	82.6



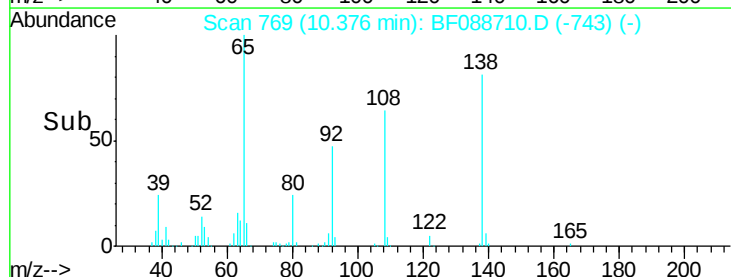
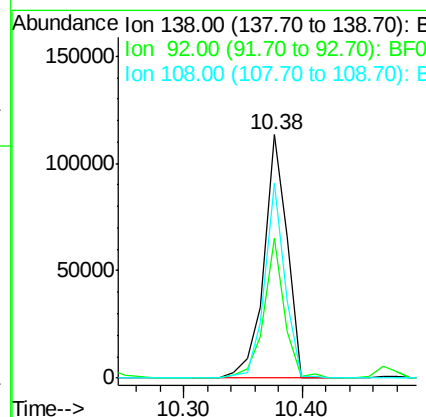
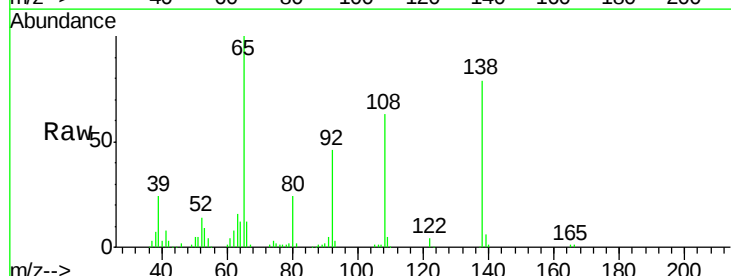
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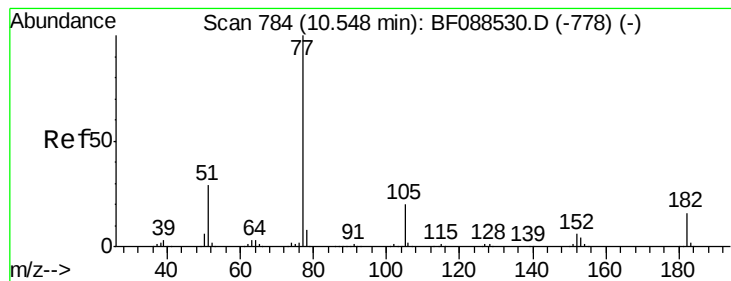
7/6/2016 7:19:16 PM



#61
 4-Nitroaniline
 Concen: 37.74 ng
 RT: 10.38 min Scan# 769
 Delta R.T. 0.00 min
 Lab File: BF088710.D
 Acq: 5 Jul 2016 18:42

Tgt Ion:	138	Resp:	154425
Ion Ratio	Lower	Upper	
138	100		
92	57.5	27.3	67.3
108	79.9	46.7	86.7





#62

Azobenzene

Concen: 46.13 ng

RT: 10.51 min Scan# 781

Delta R.T. 0.00 min

Lab File: BF088710.D

Acq: 5 Jul 2016 18:42

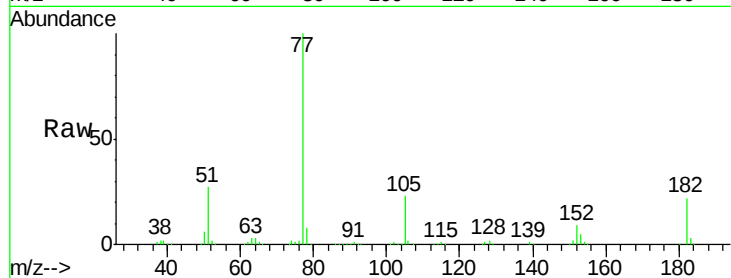
Instrument :

BNA_F

ClientSampleId :

PB91726BS

Tot Ion:	77	Resp:	797077
Ion	Ratio	Lower	Upper
77	100		
182	21.8	4.4	44.4
105	22.7	3.8	43.8
51	27.1	9.3	49.3

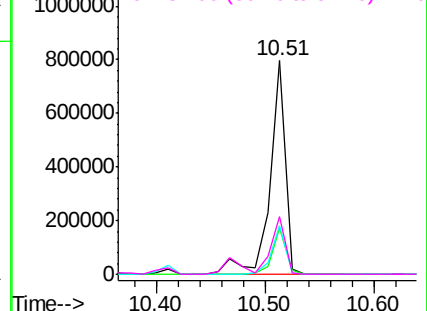
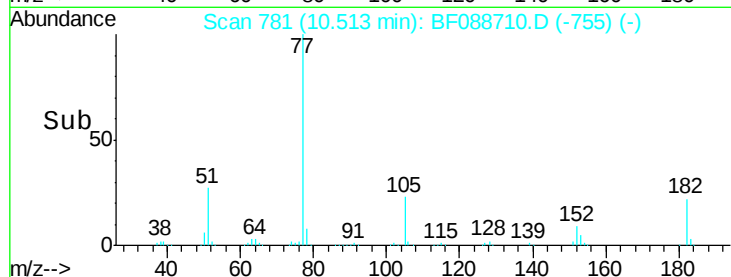


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

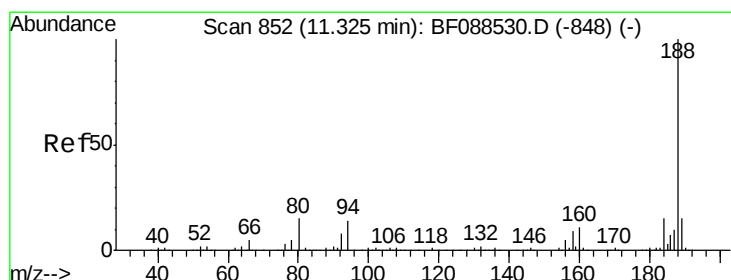
Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0



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7/6/2016 7:19:16 PM



#63

Phenanthrene-d10

Concen: 20.00 ng

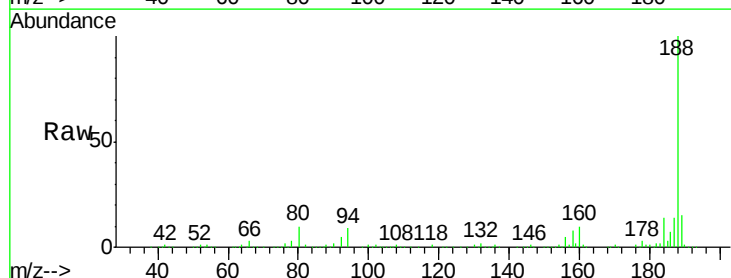
RT: 11.29 min Scan# 849

Delta R.T. 0.00 min

Lab File: BF088710.D

Acq: 5 Jul 2016 18:42

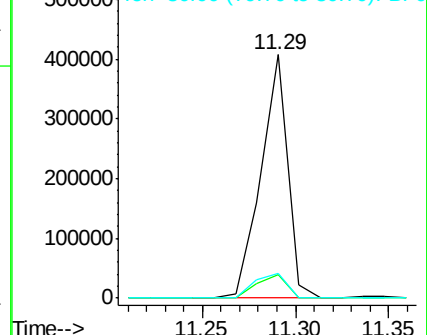
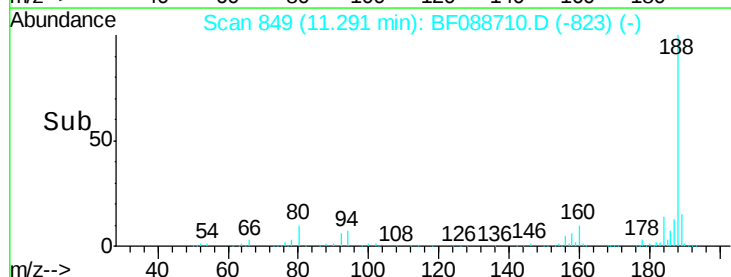
Tgt Ion:	188	Resp:	410443
Ion	Ratio	Lower	Upper
188	100		
94	9.4	9.0	13.6
80	10.1	10.0	15.0

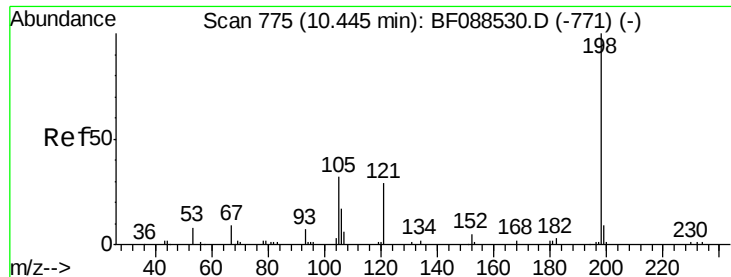


Abundance Ion 188.00 (187.70 to 188.70): E

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: 26.70 ng

RT: 10.41 min Scan# 772

Delta R.T. 0.00 min

Lab File: BF088710.D

Acq: 5 Jul 2016 18:42

Instrument :

BNA_F

ClientSampleId :

PB91726BS

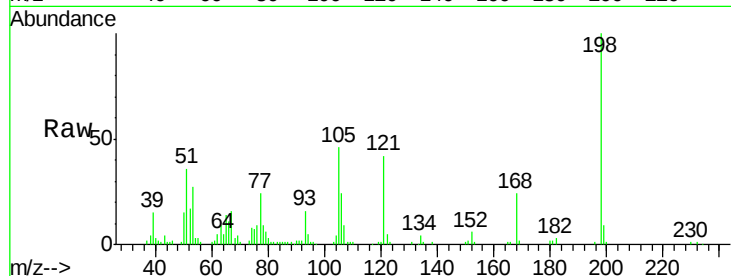
Tot Ion:198 Resp: 58611

Ion Ratio Lower Upper

198 100

51 35.6 39.6 79.6#

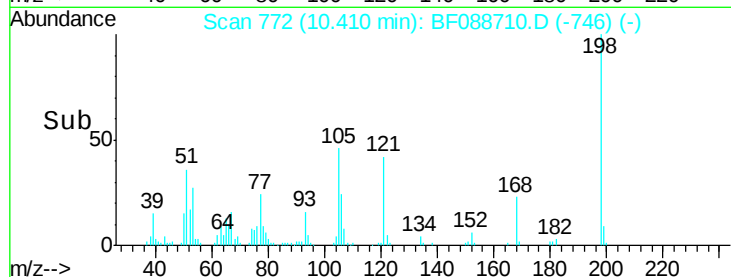
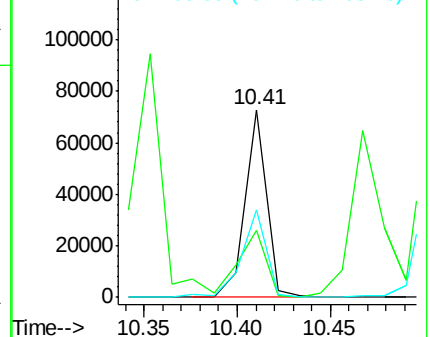
105 46.5 36.6 76.6



Abundance Ion 198.00 (197.70 to 198.70): E

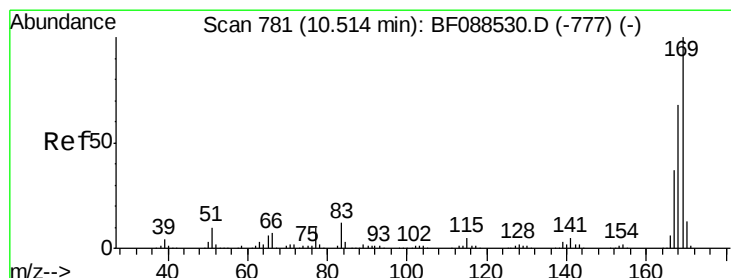
Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E



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7/6/2016 7:19:16 PM



#65

n-Nitrosodiphenylamine

Concen: 40.26 ng

RT: 10.48 min Scan# 778

Delta R.T. 0.00 min

Lab File: BF088710.D

Acq: 5 Jul 2016 18:42

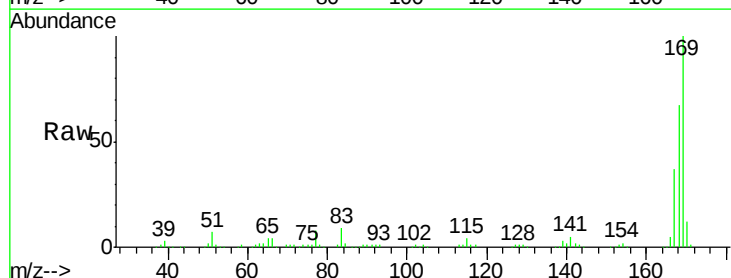
Tgt Ion:169 Resp: 559320

Ion Ratio Lower Upper

169 100

168 67.0 53.4 80.0

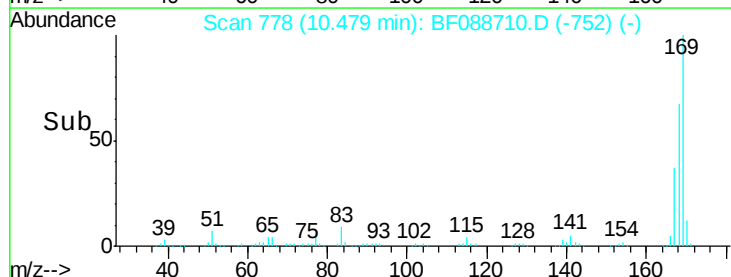
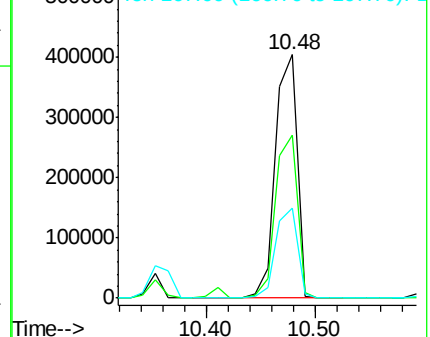
167 36.9 29.4 44.0



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

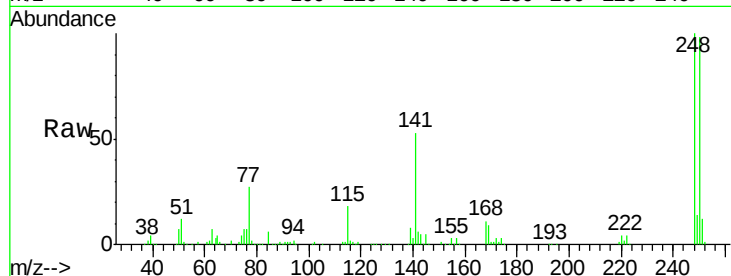




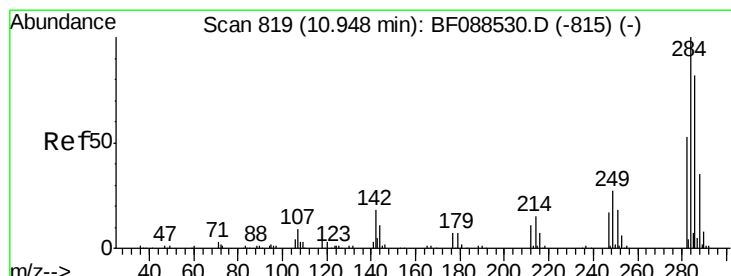
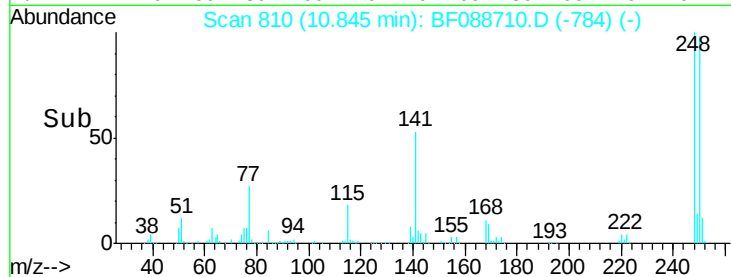
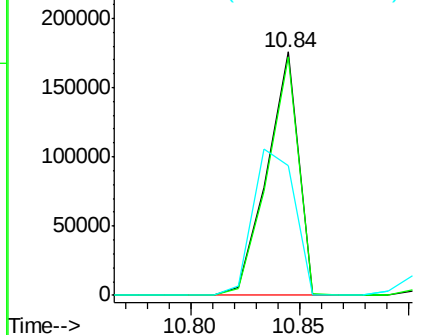
#66
4-Bromophenyl-phenylether
Concen: 43.11 ng
RT: 10.84 min Scan# 810
Delta R.T. 0.00 min
Lab File: BF088710.D
Acq: 5 Jul 2016 18:42

Instrument :
BNA_F
ClientSampleId :
PB91726BS

Tot Ion:248 Resp: 178304
Ion Ratio Lower Upper
248 100
250 97.8 77.1 115.7
141 53.1 50.6 76.0

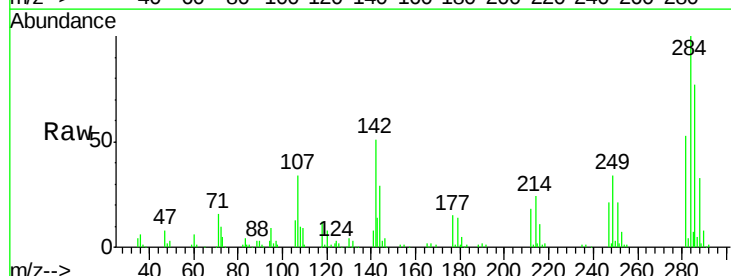


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

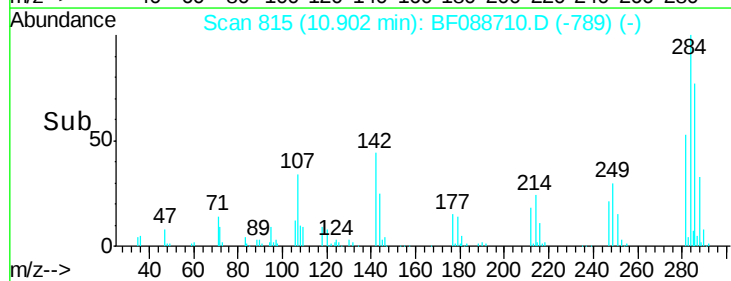
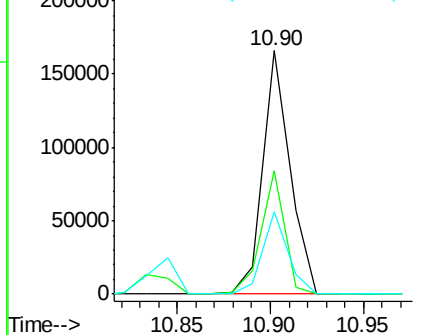


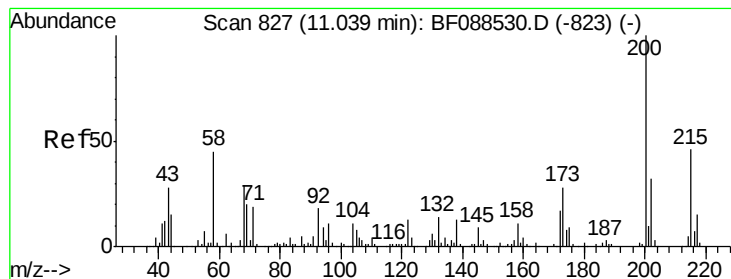
#67
Hexachlorobenzene
Concen: 36.34 ng
RT: 10.90 min Scan# 815
Delta R.T. 0.00 min
Lab File: BF088710.D
Acq: 5 Jul 2016 18:42

Tgt Ion:284 Resp: 166385
Ion Ratio Lower Upper
284 100
142 50.5 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: 44.29 ng

RT: 11.00 min Scan# 824

Delta R.T. 0.00 min

Lab File: BF088710.D

Acq: 5 Jul 2016 18:42

Instrument :

BNA_F

ClientSampleId :

PB91726BS

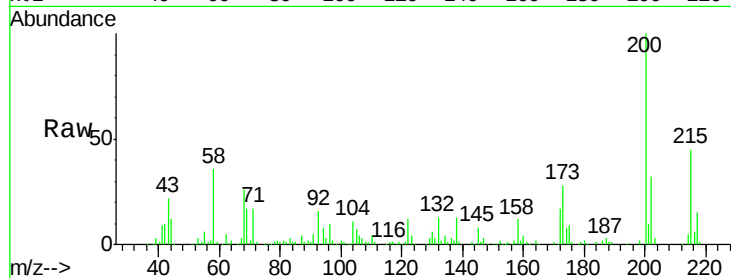
Tot Ion:200 Resp: 191723

Ion Ratio Lower Upper

200 100

173 27.8 4.0 44.0

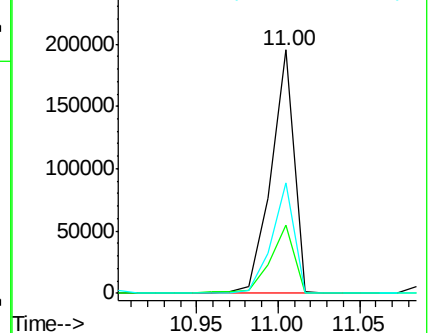
215 45.2 29.3 69.3



Abundance Ion 200.00 (199.70 to 200.70): E

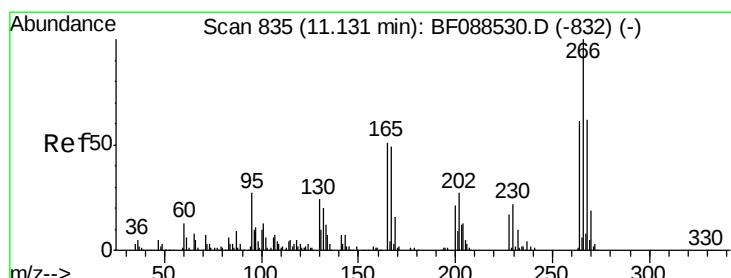
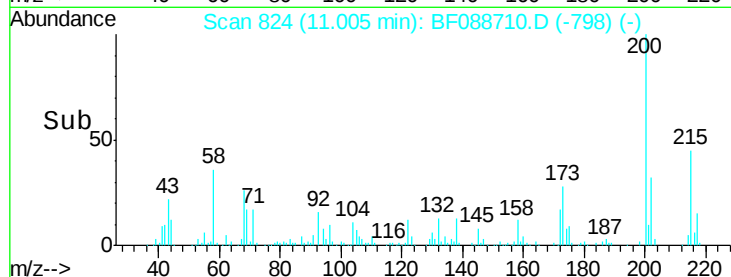
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



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7/6/2016 7:19:16 PM



#69

Pentachlorophenol

Concen: 52.96 ng

RT: 11.10 min Scan# 832

Delta R.T. 0.00 min

Lab File: BF088710.D

Acq: 5 Jul 2016 18:42

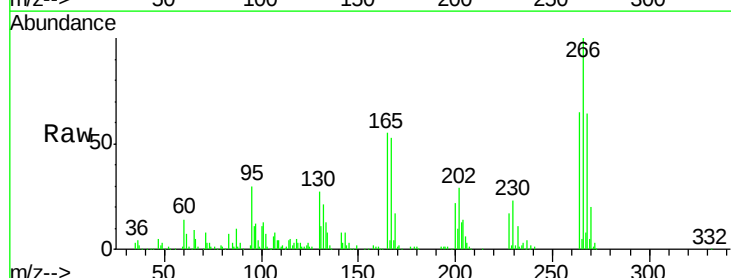
Tgt Ion:266 Resp: 143504

Ion Ratio Lower Upper

266 100

268 64.3 52.8 79.2

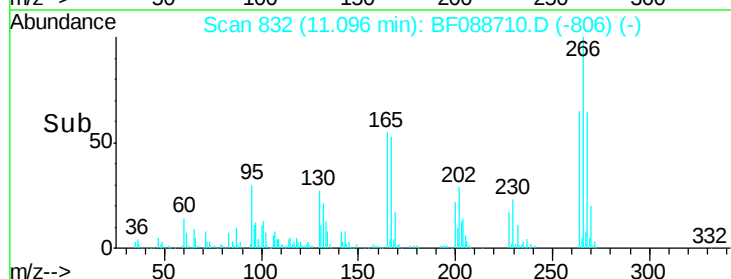
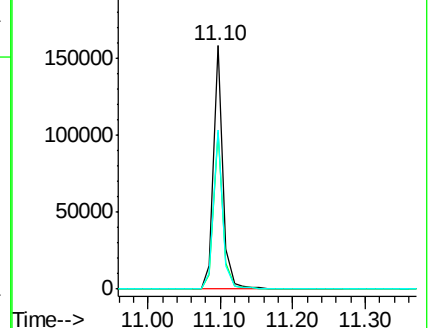
264 65.5 49.6 74.4

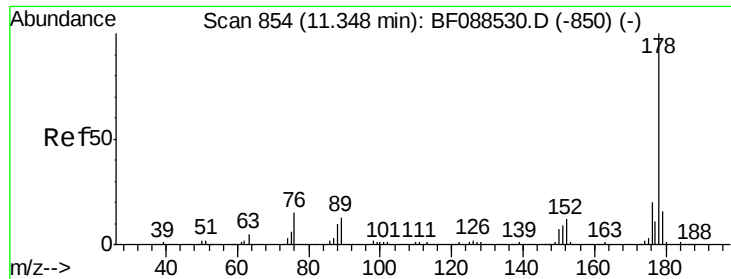


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

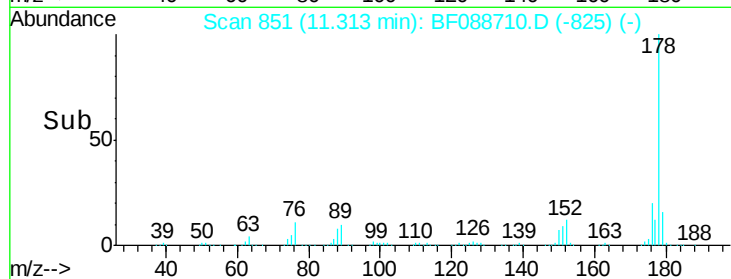
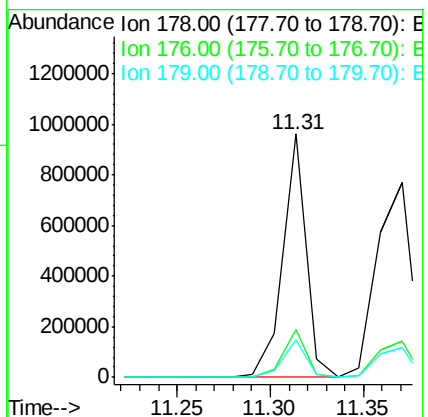
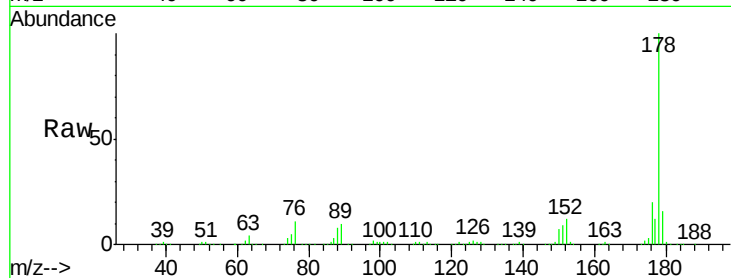




#70
Phenanthrene
Concen: 37.44 ng
RT: 11.31 min Scan# 851
Delta R.T. 0.00 min
Lab File: BF088710.D
Acq: 5 Jul 2016 18:42

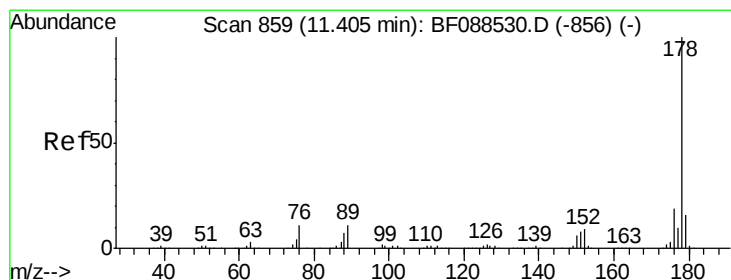
Instrument :
BNA_F
ClientSampleId :
PB91726BS

Tot Ion:178 Resp: 840139
Ion Ratio Lower Upper
178 100
176 19.6 15.8 23.6
179 15.6 13.0 19.4



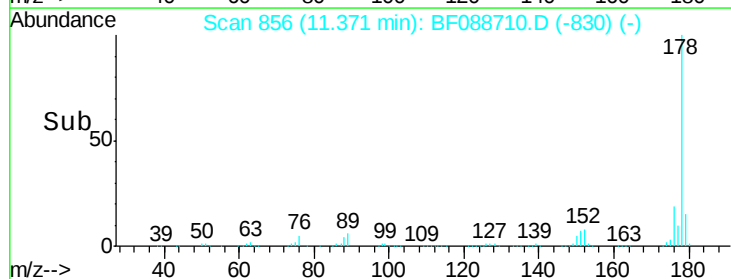
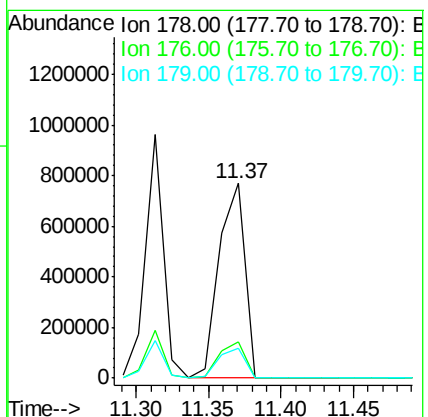
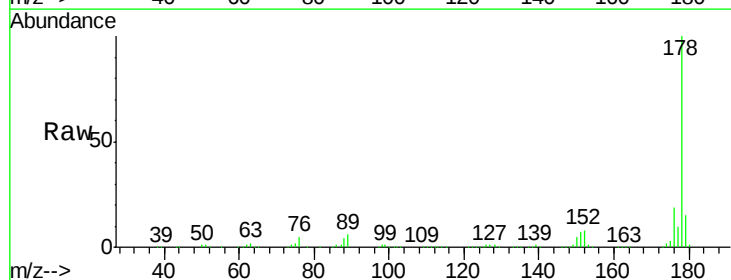
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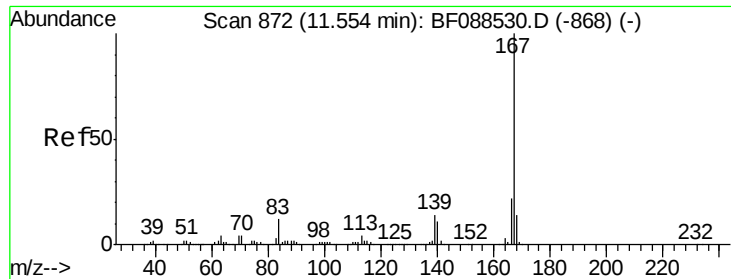
7/6/2016 7:19:16 PM



#71
Anthracene
Concen: 42.51 ng
RT: 11.37 min Scan# 856
Delta R.T. 0.00 min
Lab File: BF088710.D
Acq: 5 Jul 2016 18:42

Tgt Ion:178 Resp: 948336
Ion Ratio Lower Upper
178 100
176 18.8 15.6 23.4
179 15.2 12.8 19.2





#72

Carbazole

Concen: 37.22 ng

RT: 11.52 min Scan# 869

Delta R.T. 0.00 min

Lab File: BF088710.D

Acq: 5 Jul 2016 18:42

Instrument :

BNA_F

ClientSampleId :

PB91726BS

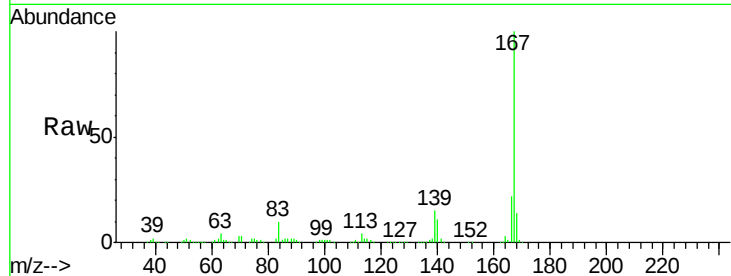
Tot Ion:167 Resp: 781567

Ion Ratio Lower Upper

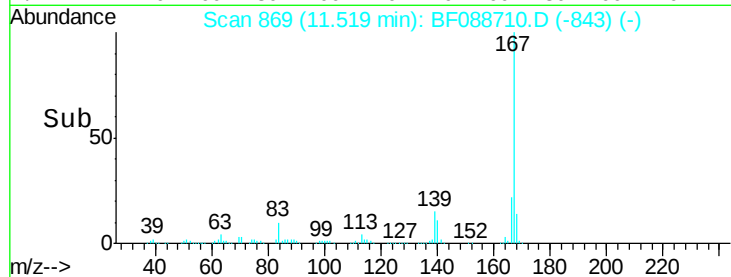
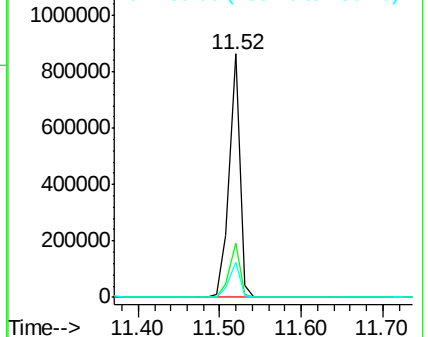
167 100

166 22.3 17.8 26.6

139 14.6 11.2 16.8

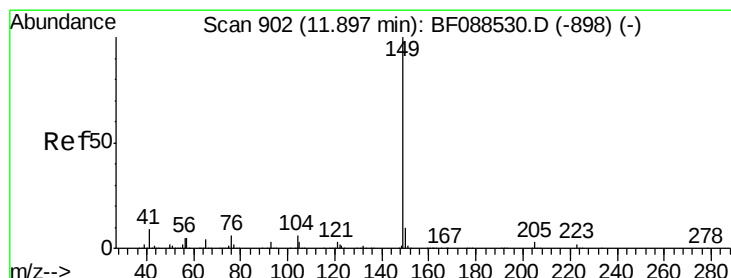


Abundance Ion 167.00 (166.70 to 167.70): E
Ion 166.00 (165.70 to 166.70): E
Ion 139.00 (138.70 to 139.70): E



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7/6/2016 7:19:16 PM



#73

Di-n-butylphthalate

Concen: 45.10 ng

RT: 11.86 min Scan# 899

Delta R.T. 0.00 min

Lab File: BF088710.D

Acq: 5 Jul 2016 18:42

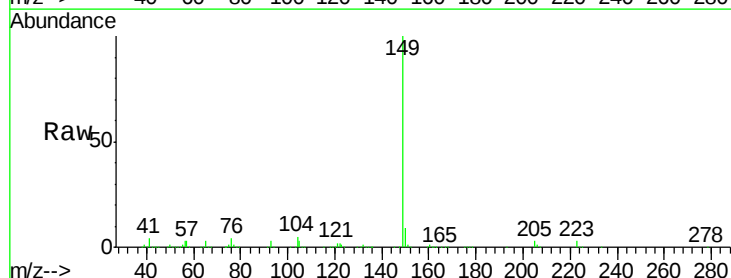
Tgt Ion:149 Resp: 1101414

Ion Ratio Lower Upper

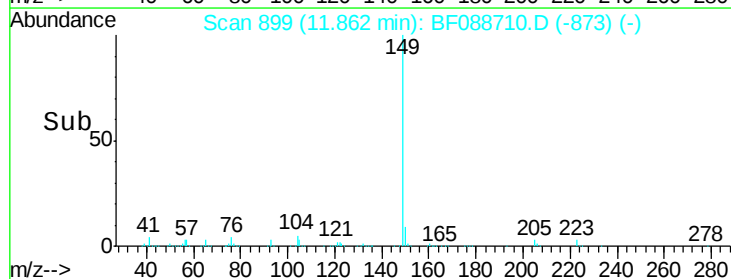
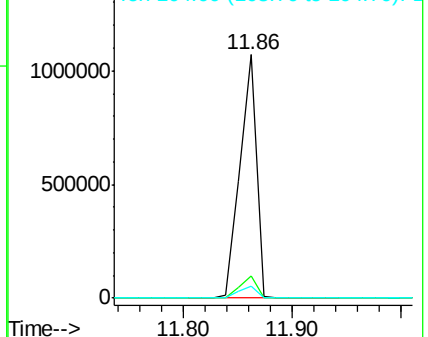
149 100

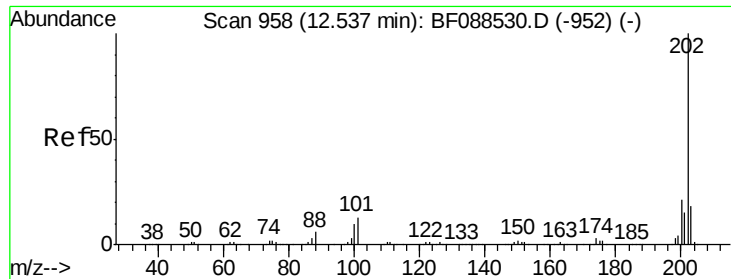
150 9.3 7.8 11.6

104 4.7 4.0 6.0



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E

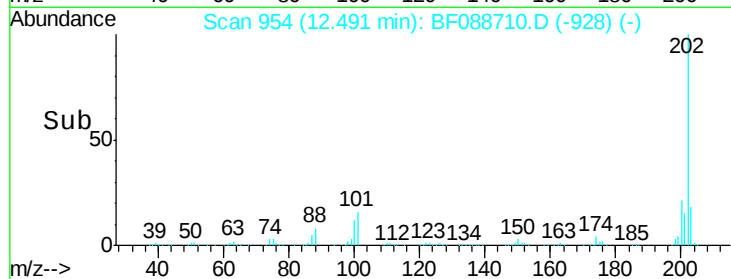
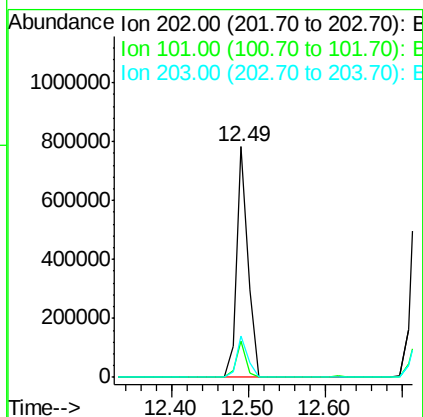
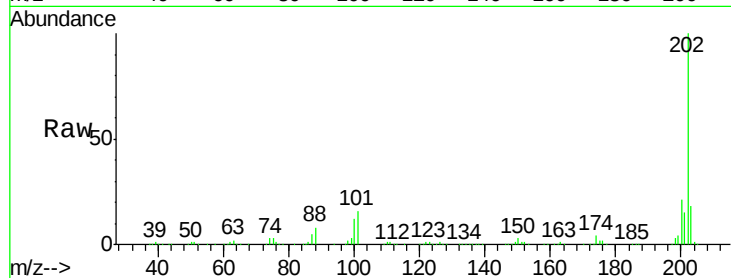




#74
 Fluoranthene
 Concen: 35.95 ng
 RT: 12.49 min Scan# 954
 Delta R.T. 0.00 min
 Lab File: BF088710.D
 Acq: 5 Jul 2016 18:42

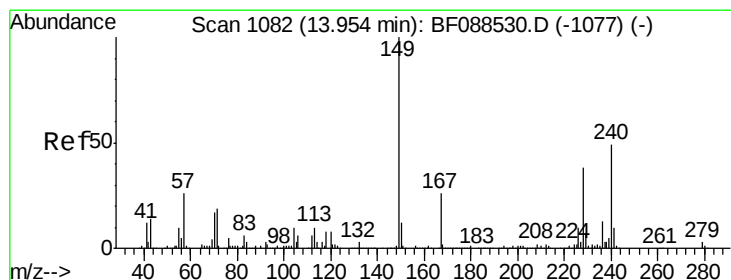
Instrument :
 BNA_F
 ClientSampleId :
 PB91726BS

Tot Ion	Ratio	Lower	Upper
202	100		
101	15.7	0.0	33.1
203	18.1	0.0	38.1



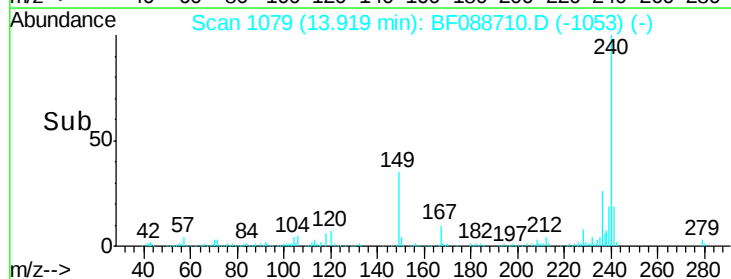
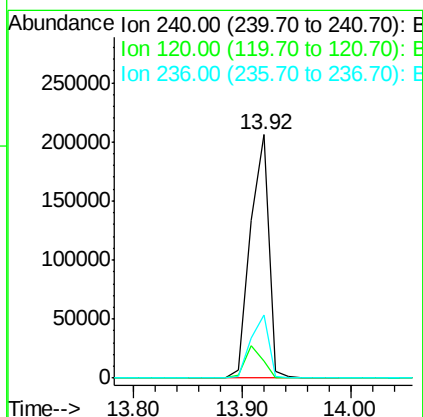
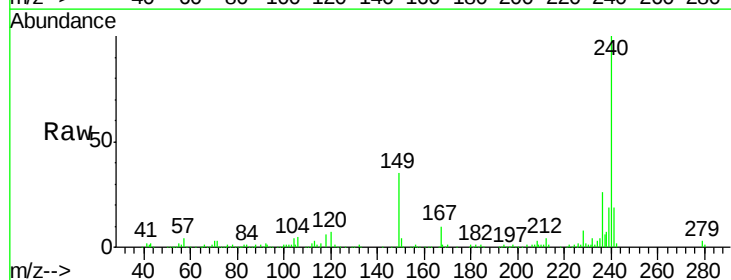
sohil

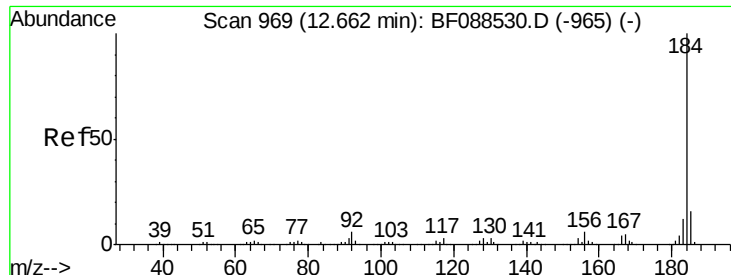
7/6/2016 7:19:16 PM



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.92 min Scan# 1079
 Delta R.T. 0.00 min
 Lab File: BF088710.D
 Acq: 5 Jul 2016 18:42

Tgt Ion	Ratio	Lower	Upper
240	100		
120	6.9	6.8	10.2
236	25.7	20.2	30.2

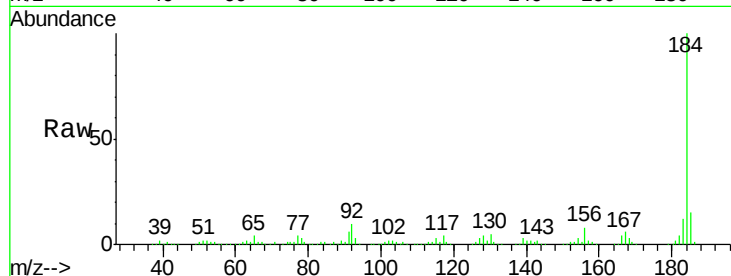




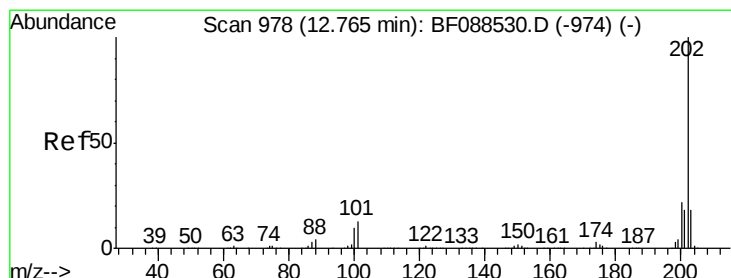
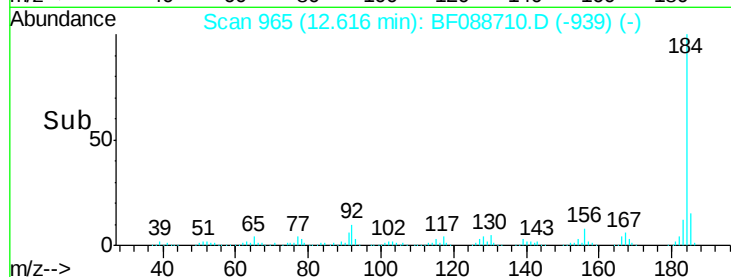
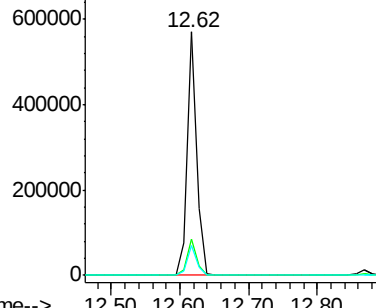
#76
Benzidine
Concen: 45.80 ng
RT: 12.62 min Scan# 965
Delta R.T. 0.00 min
Lab File: BF088710.D
Acq: 5 Jul 2016 18:42

Instrument :
BNA_F
ClientSampleId :
PB91726BS

Tot Ion	Ratio	Lower	Upper
184	100		
185	15.1	12.5	18.7
183	12.2	9.3	13.9

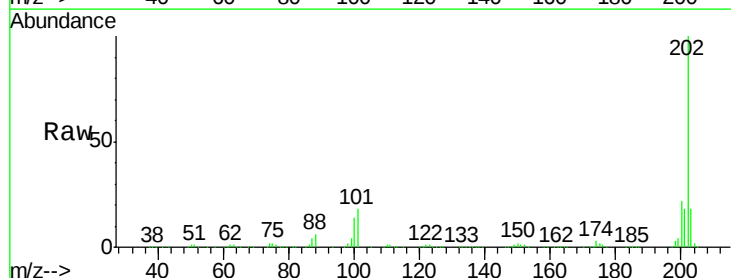


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E

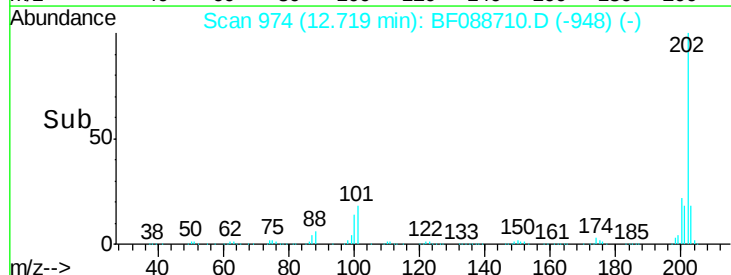
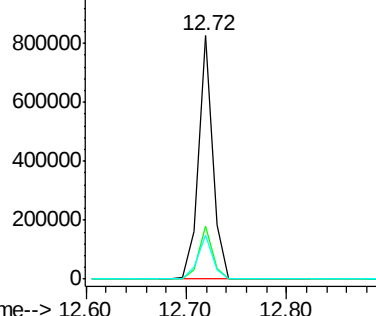


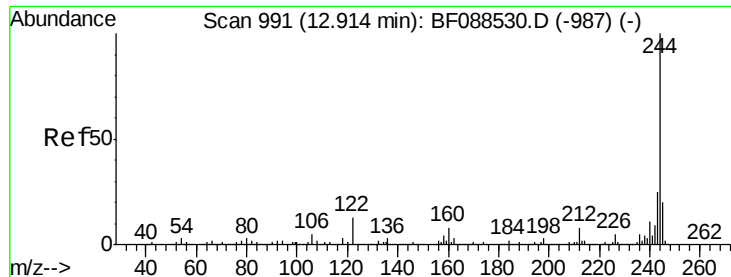
#77
Pyrene
Concen: 39.38 ng
RT: 12.72 min Scan# 974
Delta R.T. 0.00 min
Lab File: BF088710.D
Acq: 5 Jul 2016 18:42

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.7	17.4	26.2
203	18.0	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

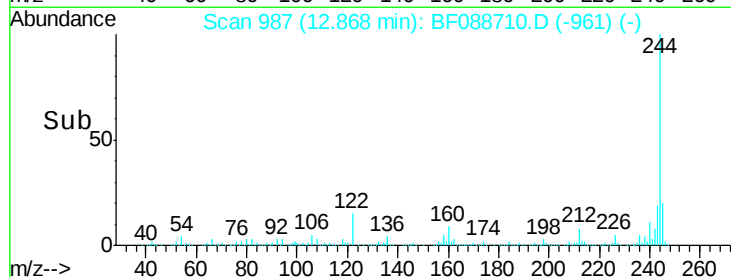
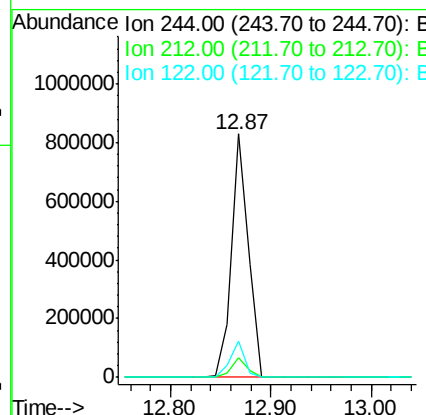
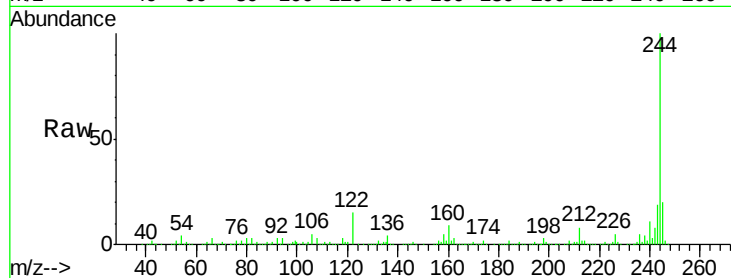




#78
 Terphenyl-d14
 Concen: 88.34 ng
 RT: 12.87 min Scan# 987
 Delta R.T. 0.00 min
 Lab File: BF088710.D
 Acq: 5 Jul 2016 18:42

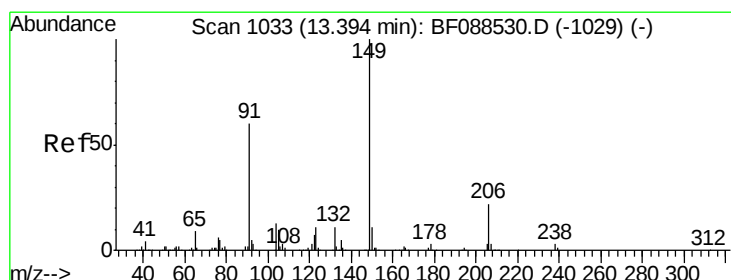
Instrument :
 BNA_F
 ClientSampleId :
 PB91726BS

Tot Ion	Ratio	Lower	Upper
244	100		
212	8.1	6.0	9.0
122	15.1	11.2	16.8



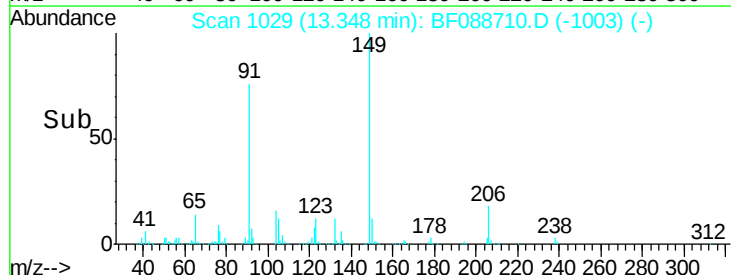
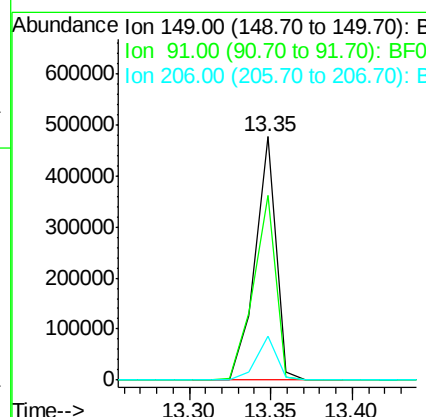
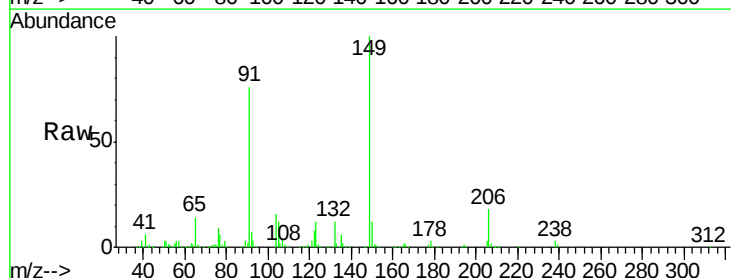
sohil

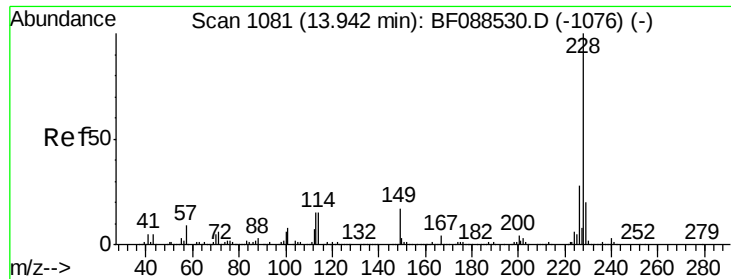
7/6/2016 7:19:16 PM



#79
 Butylbenzylphthalate
 Concen: 46.49 ng
 RT: 13.35 min Scan# 1029
 Delta R.T. 0.00 min
 Lab File: BF088710.D
 Acq: 5 Jul 2016 18:42

Tgt Ion	Ratio	Lower	Upper
149	100		
91	75.8	48.0	72.0#
206	18.3	16.0	24.0

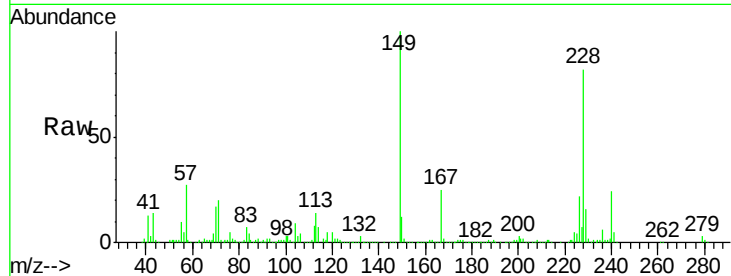




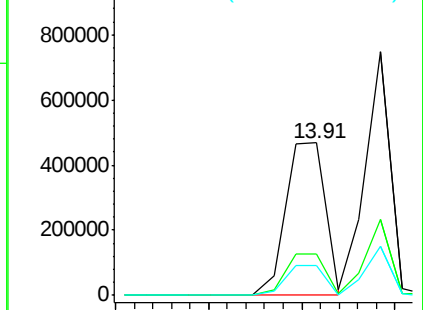
#80
Benzo(a)anthracene
Concen: 44.20 ng
RT: 13.91 min Scan# 1078
Delta R.T. 0.00 min
Lab File: BF088710.D
Acq: 5 Jul 2016 18:42

Instrument :
BNA_F
ClientSampleId :
PB91726BS

Tot Ion:228 Resp: 692079
Ion Ratio Lower Upper
228 100
226 27.1 22.3 33.5
229 19.5 16.0 24.0

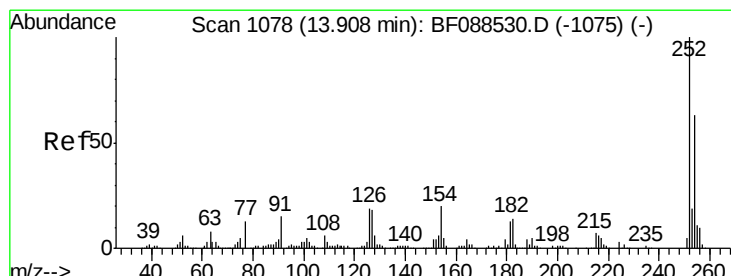
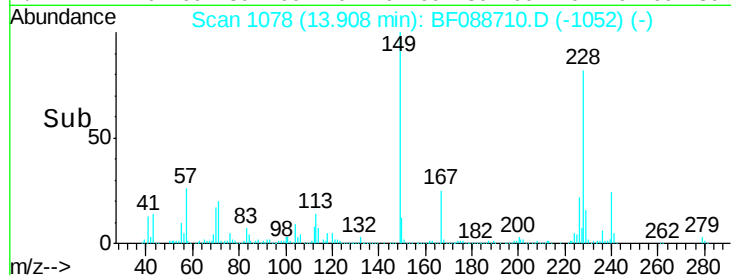


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



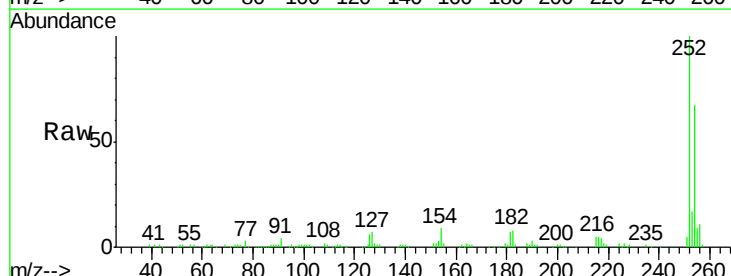
sohil

7/6/2016 7:19:16 PM

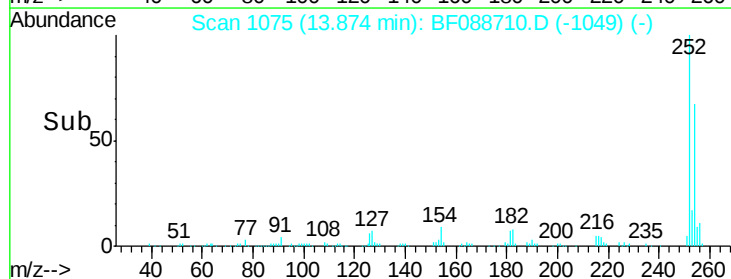
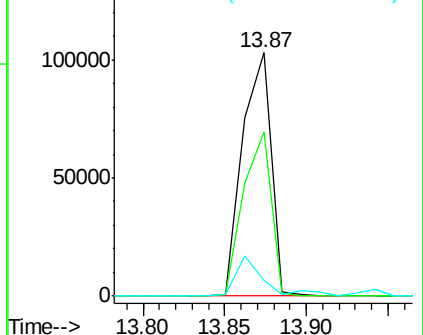


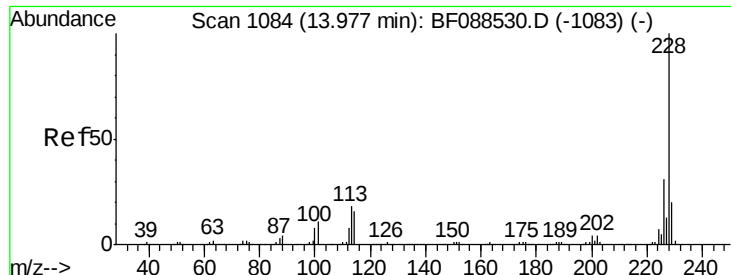
#81
3,3'-Dichlorobenzidine
Concen: 21.19 ng
RT: 13.87 min Scan# 1075
Delta R.T. 0.00 min
Lab File: BF088710.D
Acq: 5 Jul 2016 18:42

Tgt Ion:252 Resp: 124764
Ion Ratio Lower Upper
252 100
254 67.3 52.6 78.8
126 6.3 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

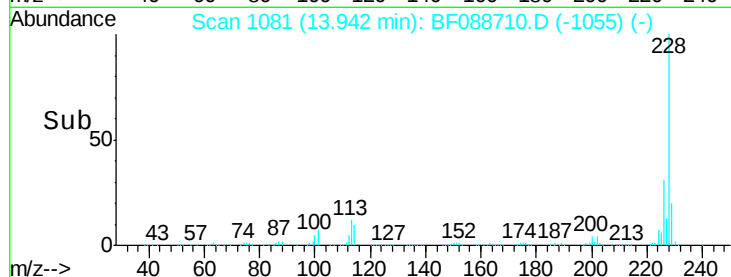
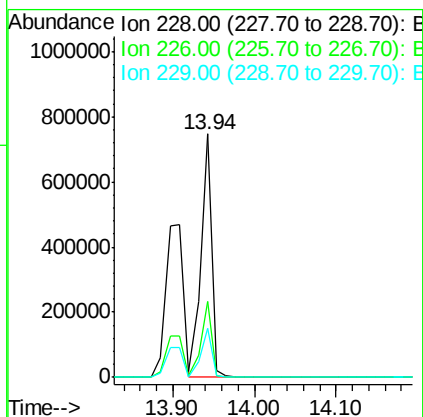
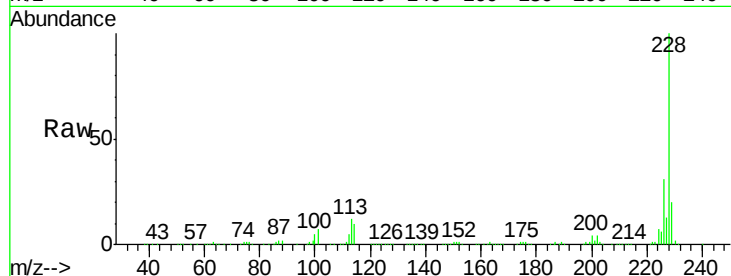




#82
Chrysene
Concen: 44.91 ng
RT: 13.94 min Scan# 1081
Delta R.T. 0.00 min
Lab File: BF088710.D
Acq: 5 Jul 2016 18:42

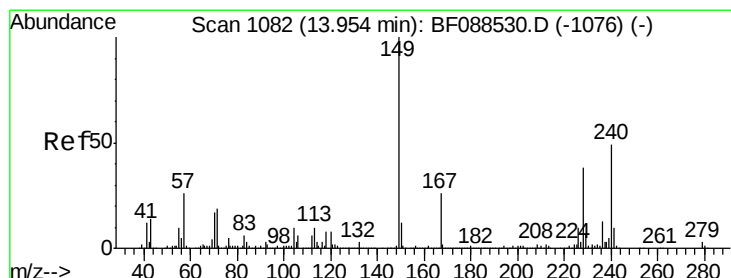
Instrument :
BNA_F
ClientSampled :
PB91726BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.2	25.4	38.2
229	20.0	16.3	24.5



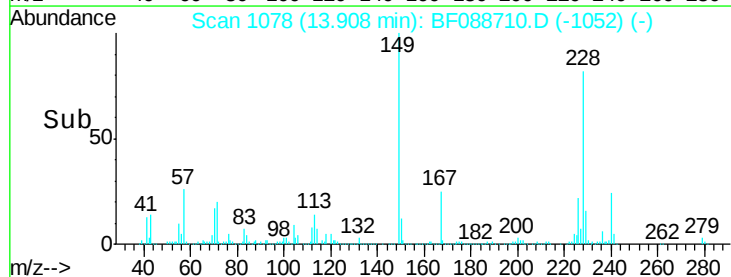
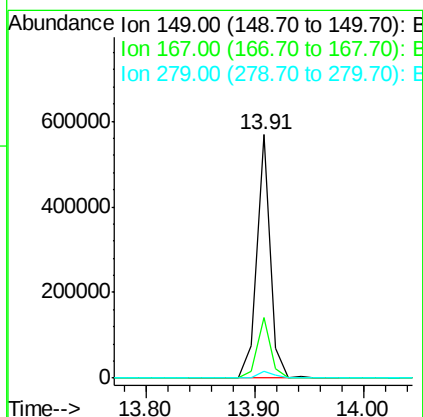
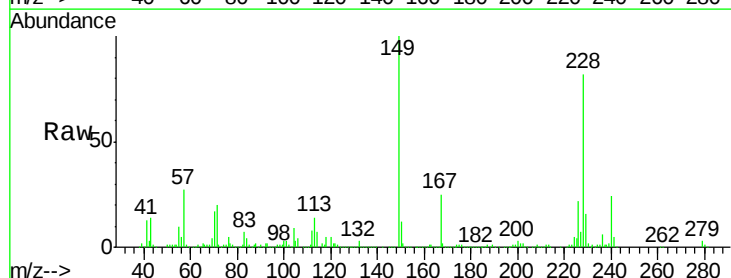
sohil

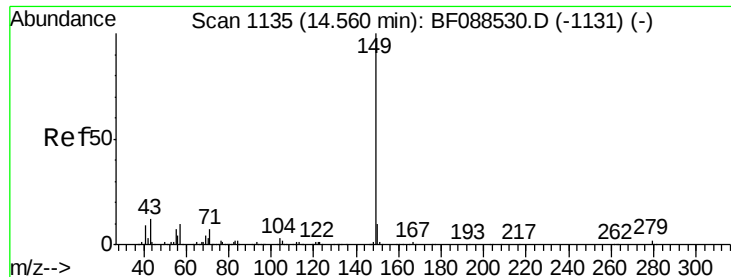
7/6/2016 7:19:16 PM



#83
Bis(2-ethylhexyl)phthalate
Concen: 47.23 ng
RT: 13.91 min Scan# 1078
Delta R.T. 0.00 min
Lab File: BF088710.D
Acq: 5 Jul 2016 18:42

Tgt Ion	Ratio	Lower	Upper
149	100		
167	25.1	20.5	30.7
279	2.6	2.0	3.0





#84

Di-n-octyl phthalate

Concen: 41.95 ng

RT: 14.51 min Scan# 1131

Delta R.T. 0.00 min

Lab File: BF088710.D

Acq: 5 Jul 2016 18:42

Instrument :

BNA_F

ClientSampleId :

PB91726BS

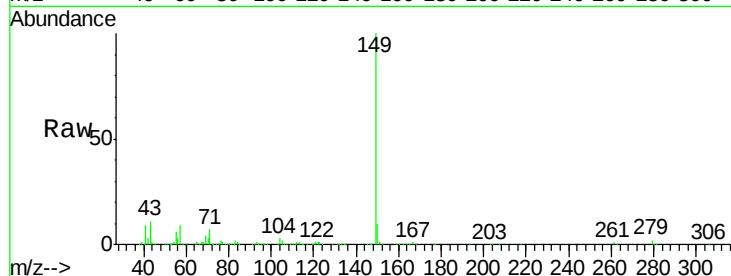
Tot Ion:149 Resp: 748361

Ion Ratio Lower Upper

149 100

167 1.5 0.0 0.0#

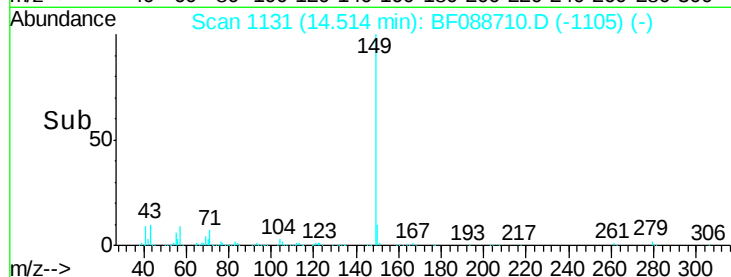
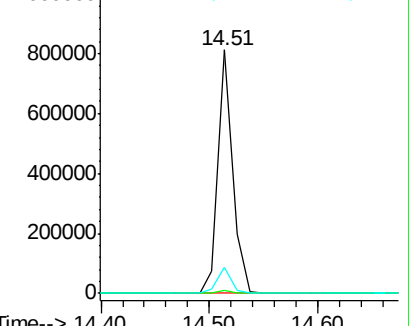
43 9.9 0.0 0.0#



Abundance Ion 149.00 (148.70 to 149.70): E

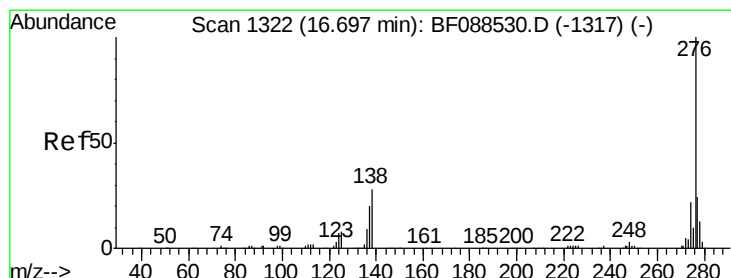
Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0



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7/6/2016 7:19:16 PM



#85

Indeno(1,2,3-cd)pyrene

Concen: 46.09 ng

RT: 16.64 min Scan# 1317

Delta R.T. 0.00 min

Lab File: BF088710.D

Acq: 5 Jul 2016 18:42

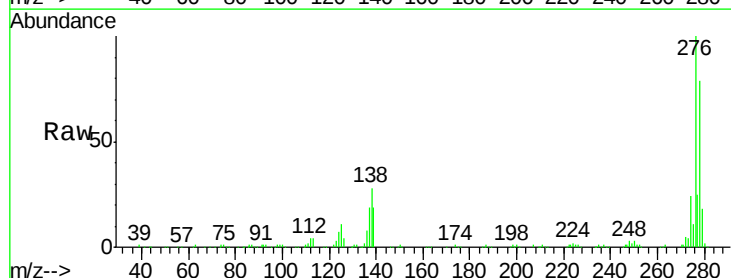
Tgt Ion:276 Resp: 549381

Ion Ratio Lower Upper

276 100

138 29.2 0.0 0.0#

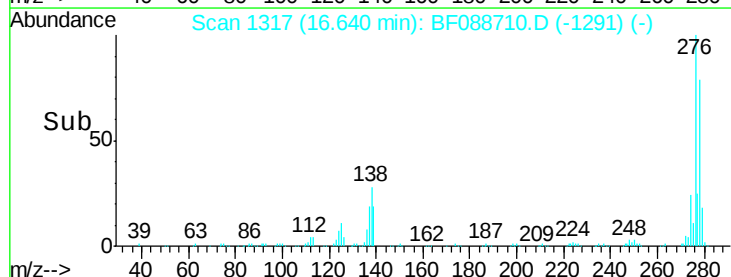
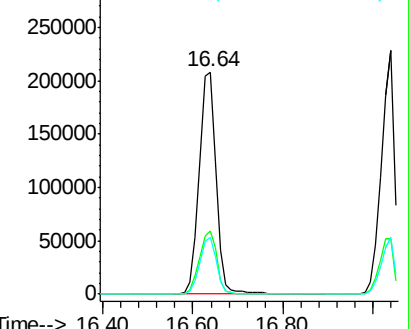
277 25.3 0.0 0.0#

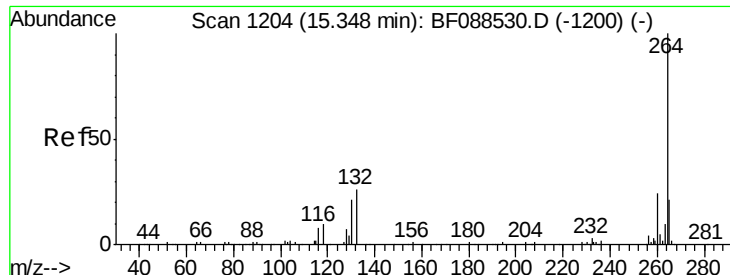


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

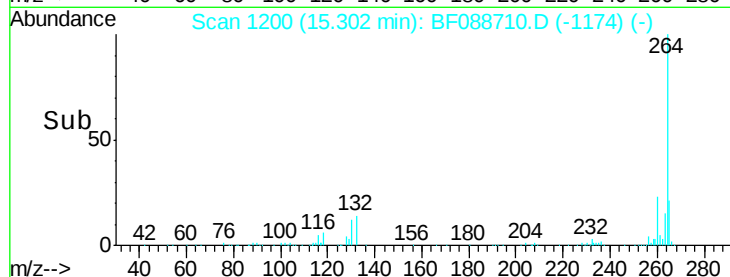
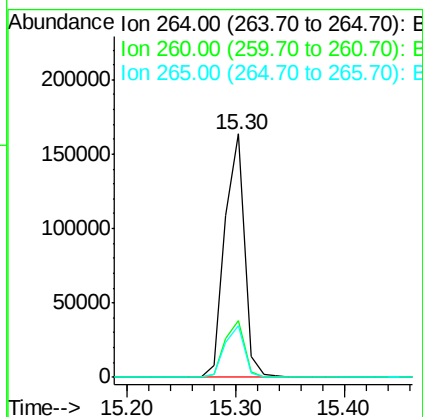
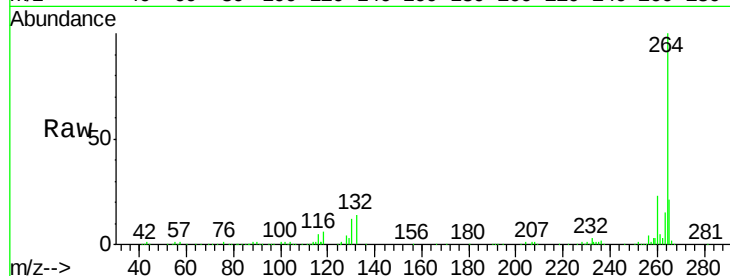




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.30 min Scan# 1200
Delta R.T. 0.00 min
Lab File: BF088710.D
Acq: 5 Jul 2016 18:42

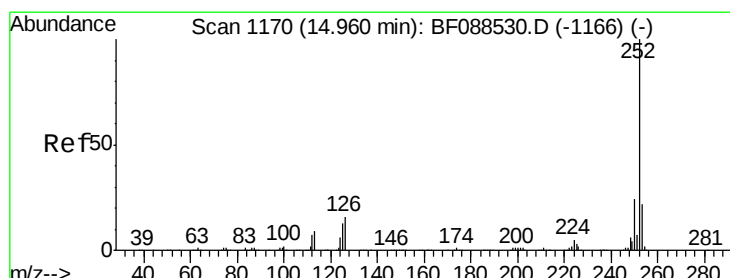
Instrument :
BNA_F
ClientSampled :
PB91726BS

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.2	28.8
265	21.2	16.9	25.3



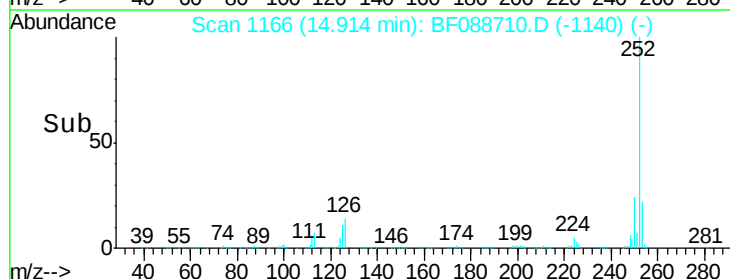
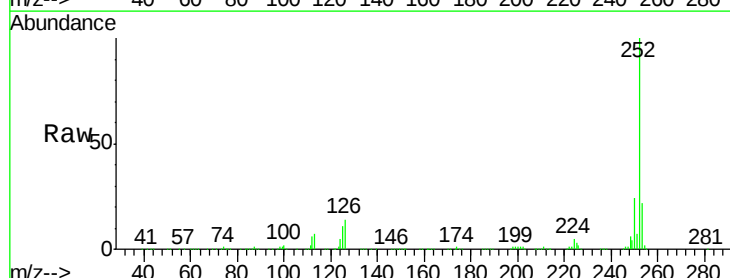
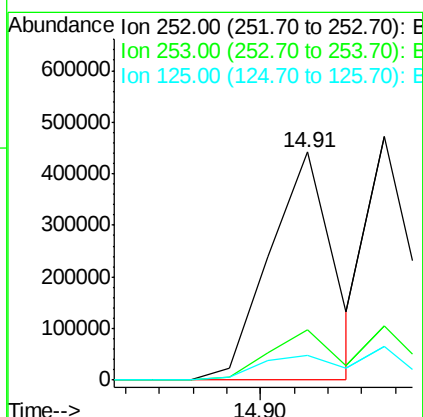
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7/6/2016 7:19:16 PM



#87
Benzo(b)fluoranthene
Concen: 44.64 ng m
RT: 14.91 min Scan# 1166
Delta R.T. 0.00 min
Lab File: BF088710.D
Acq: 5 Jul 2016 18:42

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.4	26.2
125	10.7	7.1	10.7#

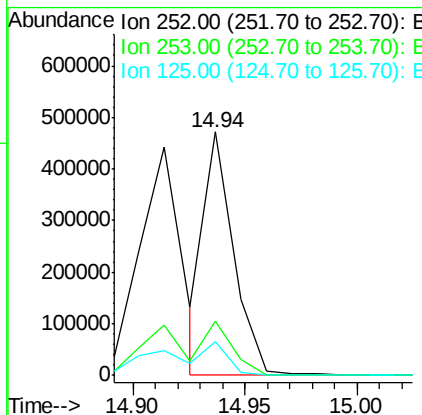
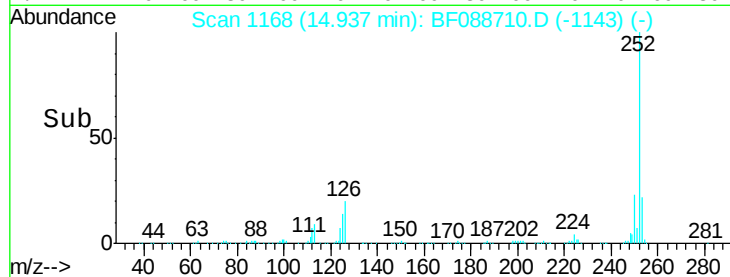
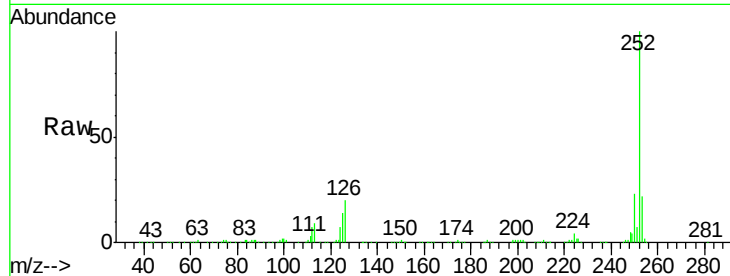




#88
Benzo(k)fluoranthene
Concen: 39.01 ng m
RT: 14.94 min Scan# 1168
Delta R.T. -0.01 min
Lab File: BF088710.D
Acq: 5 Jul 2016 18:42

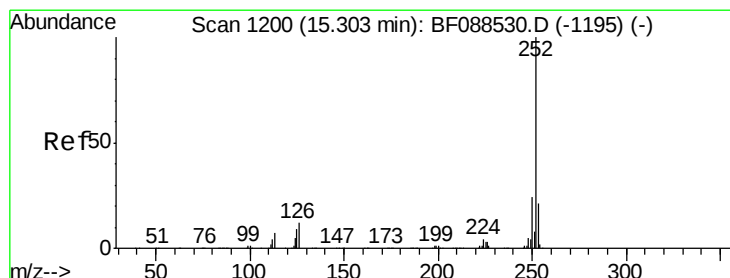
Instrument :
BNA_F
ClientSampleId :
PB91726BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.0	27.0
125	13.7	11.2	16.8



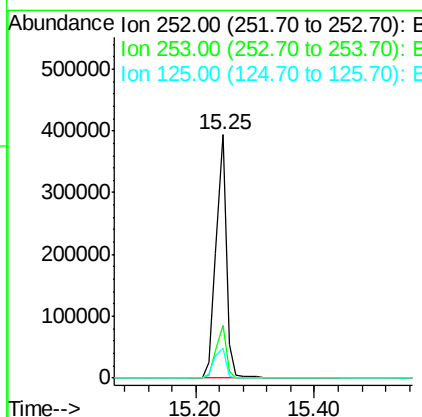
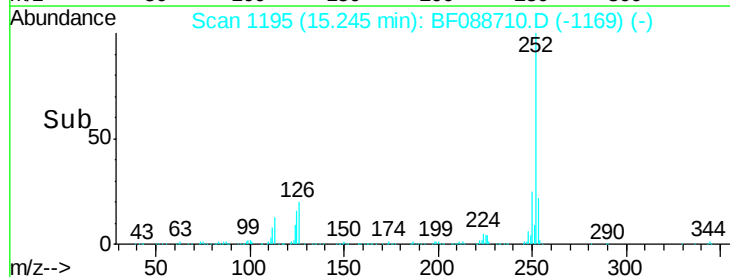
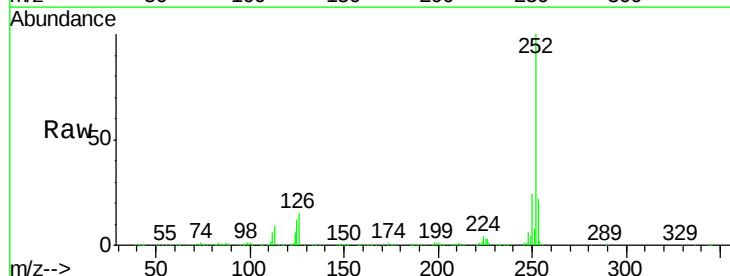
sohil

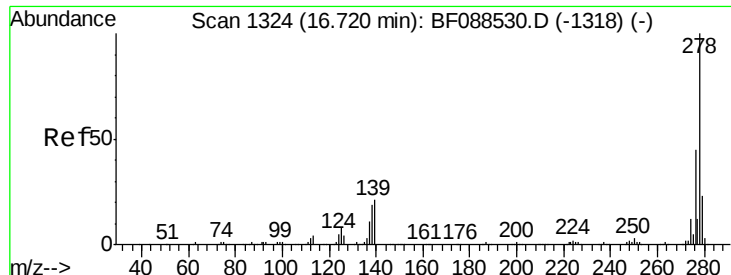
7/6/2016 7:19:16 PM



#89
Benzo(a)pyrene
Concen: 43.77 ng
RT: 15.25 min Scan# 1195
Delta R.T. 0.00 min
Lab File: BF088710.D
Acq: 5 Jul 2016 18:42

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.9	26.9
125	12.0	12.5	18.7#

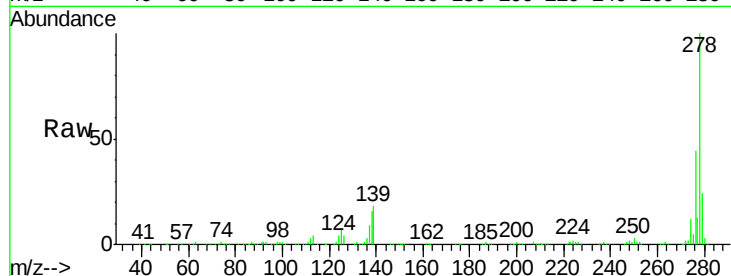




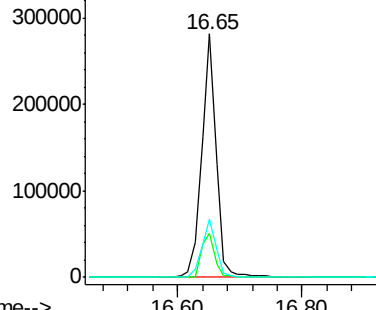
#90
Dibenzo(a,h)anthracene
Concen: 50.28 ng
RT: 16.65 min Scan# 1318
Delta R.T. 0.00 min
Lab File: BF088710.D
Acq: 5 Jul 2016 18:42

Instrument :
BNA_F
ClientSampleId :
PB91726BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	17.8	15.7	23.5
279	23.9	19.4	29.2

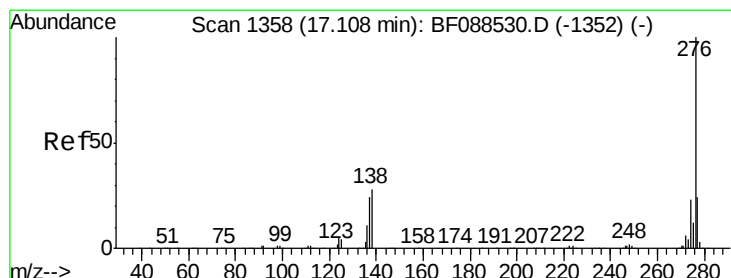
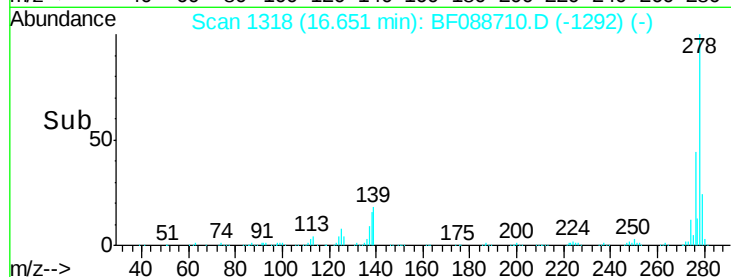


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



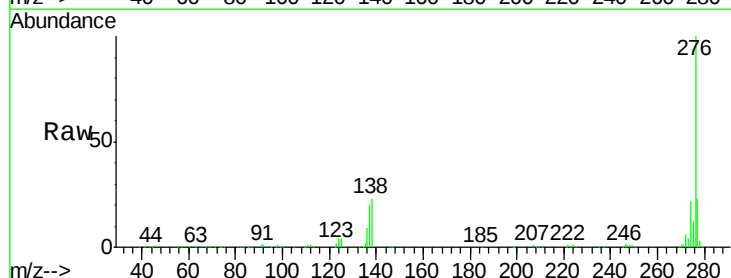
sohil

7/6/2016 7:19:16 PM



#91
Benzo(g,h,i)perylene
Concen: 50.75 ng
RT: 17.04 min Scan# 1352
Delta R.T. 0.00 min
Lab File: BF088710.D
Acq: 5 Jul 2016 18:42

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.2	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

