

Data Path : Z:\HPCHEM1\BNA F\DATA\BF070516\
 Data File : BF088712.D
 Acq On : 5 Jul 2016 19:41
 Operator : UM/SJ
 Sample : PB91868BS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB91868BS

Quant Time: Jul 06 02:03:09 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	109609	20.00	ng	0.00
21) Naphthalene-d8	8.06	136	445790	20.00	ng	-0.01
38) Acenaphthene-d10	9.82	164	219565	20.00	ng	0.00
63) Phenanthrene-d10	11.29	188	416275	20.00	ng	0.00
75) Chrysene-d12	13.92	240	262513	20.00	ng	0.00
86) Perylene-d12	15.30	264	215029	20.00	ng	0.00

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System Monitoring Compounds

5) 2-Fluorophenol	5.38	112	733097	100.24	ng	0.01
7) Phenol-d6	6.42	99	997165	105.52	ng	0.01
23) Nitrobenzene-d5	7.35	82	747945	87.92	ng	0.00
41) 2,4,6-Tribromophenol	10.60	330	293009	143.71	ng	0.00
44) 2-Fluorobiphenyl	9.14	172	1214436	87.37	ng	0.00
78) Terphenyl-d14	12.87	244	1033722	87.71	ng	0.00

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Target Compounds

						Qvalue
3) Pyridine	3.08	79	295021	28.04	ng	93
4) n-Nitrosodimethylamine	3.05	42	131044	32.60	ng	88
6) Aniline	6.43	93	355157	25.79	ng	# 1
8) 2-Chlorophenol	6.56	128	304067	38.68	ng	96
9) Benzaldehyde	6.32	77	253330	39.58	ng	87
10) Phenol	6.43	94	428113	39.69	ng	# 69
11) bis(2-Chloroethyl)ether	6.51	93	283157	35.21	ng	93
12) 1,3-Dichlorobenzene	6.72	146	331264	38.30	ng	97
13) 1,4-Dichlorobenzene	6.80	146	325471	37.91	ng	96
14) 1,2-Dichlorobenzene	6.95	146	311296m	38.74	ng	
15) Benzyl Alcohol	6.92	79	297595	42.79	ng	94
16) 2,2'-oxybis(1-Chloropropan	7.06	45	365158	31.35	ng	89
17) 2-Methylphenol	7.04	107	263203	41.05	ng	96
18) Hexachloroethane	7.29	117	129211	38.91	ng	90
19) n-Nitroso-di-n-propylamine	7.20	70	222094	34.99	ng	93
20) 3+4-Methylphenols	7.20	107	345829	44.94	ng	92
22) Acetophenone	7.19	105	440010	40.67	ng	# 88
24) Nitrobenzene	7.36	77	324248	37.80	ng	# 83
25) Isophorone	7.60	82	667309	42.35	ng	95
26) 2-Nitrophenol	7.68	139	176170	50.09	ng	93
27) 2,4-Dimethylphenol	7.72	122	314446	42.93	ng	89
28) bis(2-Chloroethoxy)methane	7.82	93	389218	37.96	ng	# 96
29) 2,4-Dichlorophenol	7.92	162	257680	43.52	ng	96
30) 1,2,4-Trichlorobenzene	8.00	180	268204	41.28	ng	99
31) Naphthalene	8.08	128	889837	40.49	ng	99
32) Benzoic acid	7.82	122	50050	9.41	ng	91
33) 4-Chloroaniline	8.14	127	221749	22.68	ng	# 93
34) Hexachlorobutadiene	8.20	225	142867	41.07	ng	100
35) Caprolactam	8.51	113	89262m	44.39	ng	
36) 4-Chloro-3-methylphenol	8.62	107	317304	45.32	ng	90
37) 2-Methylnaphthalene	8.78	142	628550	44.42	ng	# 95
39) 1,2,4,5-Tetrachlorobenzene	8.95	216	243178	33.30	ng	# 1
40) Hexachlorocyclopentadiene	8.94	237	288806	80.57	ng	98
42) 2,4,6-Trichlorophenol	9.05	196	194130	40.32	ng	97

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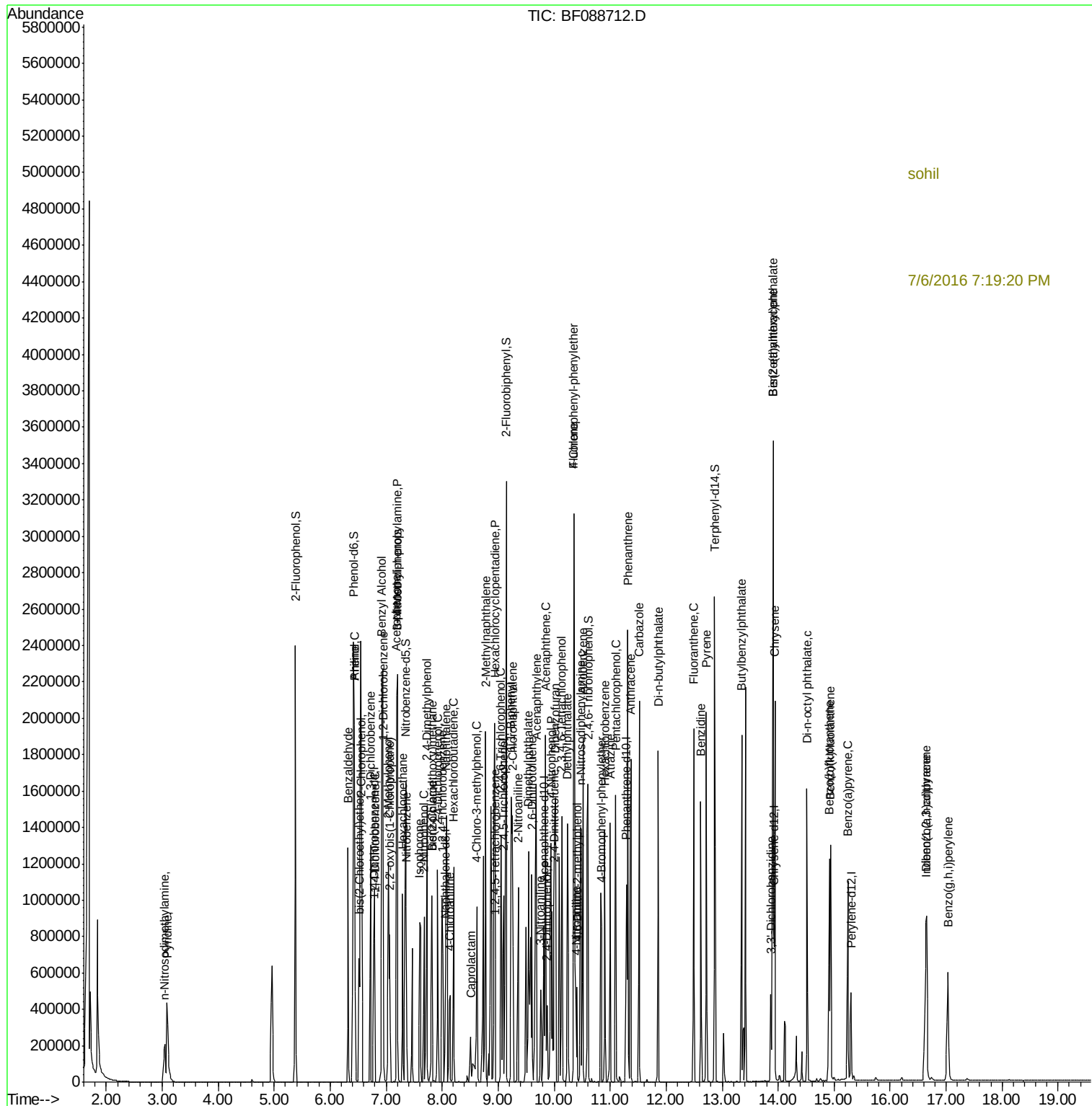
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	9.10	196	198634	47.95	nq	98
45) 1,1'-Biphenyl	9.23	154	712056	39.16	nq	99
46) 2-Chloronaphthalene	9.26	162	556722	39.00	nq	96
47) 2-Nitroaniline	9.36	65	221287	43.69	nq	86
48) Acenaphthylene	9.68	152	958032	42.18	nq	99
49) Dimethylphthalate	9.54	163	660492	42.22	nq	99
50) 2,6-Dinitrotoluene	9.60	165	140728	40.59	nq	# 46
51) Acenaphthene	9.85	154	608616	43.72	nq	97
52) 3-Nitroaniline	9.76	138	100994	22.92	nq	83
53) 2,4-Dinitrophenol	9.87	184	59724	39.02	nq	# 85
54) Dibenzofuran	10.02	168	841275	46.17	nq	95
55) 4-Nitrophenol	9.94	139	291254	86.96	nq	89
56) 2,4-Dinitrotoluene	10.00	165	204933	45.21	nq	# 45
57) Fluorene	10.35	166	584683	41.64	nq	97
58) 2,3,4,6-Tetrachlorophenol	10.14	232	155705	48.58	nq	# 48
59) Diethylphthalate	10.24	149	665150	42.37	nq	97
60) 4-Chlorophenyl-phenylether	10.35	204	270122	41.40	nq	95
61) 4-Nitroaniline	10.39	138	173513	40.91	nq	93
62) Azobenzene	10.51	77	820590	45.83	nq	96
64) 4,6-Dinitro-2-methylphenol	10.41	198	64664	29.04	nq	81
65) n-Nitrosodiphenylamine	10.48	169	585191	41.54	nq	100
66) 4-Bromophenyl-phenylether	10.84	248	185227	44.15	nq	92
67) Hexachlorobenzene	10.90	284	173397	37.34	nq	95
68) Atrazine	11.00	200	187649	42.74	nq	93
69) Pentachlorophenol	11.10	266	160490	58.40	nq	97
70) Phenanthrene	11.31	178	865184	38.02	nq	100
71) Anthracene	11.37	178	981280	43.37	nq	99
72) Carbazole	11.52	167	784965	36.86	nq	99
73) Di-n-butylphthalate	11.86	149	1116560	45.08	nq	99
74) Fluoranthene	12.49	202	851630	36.92	nq	97
76) Benzidine	12.62	184	572016	43.11	nq	98
77) Pyrene	12.72	202	831252	37.35	nq	100
79) Butylbenzylphthalate	13.35	149	446093	44.93	nq	# 84
80) Benzo(a)anthracene	13.91	228	712206	42.13	nq	99
81) 3,3'-Dichlorobenzidine	13.87	252	146177	23.00	nq	99
82) Chrysene	13.94	228	716511	42.84	nq	99
83) Bis(2-ethylhexyl)phthalate	13.91	149	519973	45.87	nq	99
84) Di-n-octyl phthalate	14.51	149	801627	41.63	nq	# 100
85) Indeno(1,2,3-cd)pyrene	16.64	276	576976	44.84	nq	# 100
87) Benzo(b)fluoranthene	14.91	252	588297m	43.61	nq	
88) Benzo(k)fluoranthene	14.94	252	468038m	39.86	nq	
89) Benzo(a)pyrene	15.25	252	492279	43.10	nq	97
90) Dibenzo(a,h)anthracene	16.65	278	469441	49.22	nq	99
91) Benzo(g,h,i)perylene	17.04	276	496078	50.27	nq	96

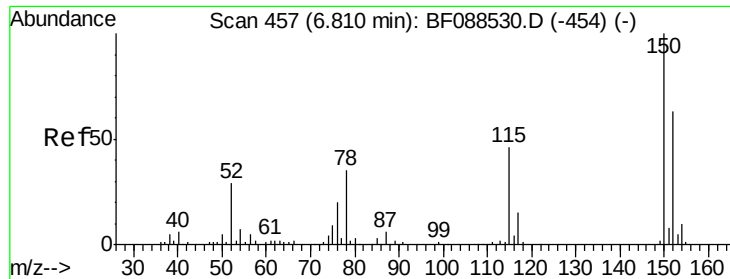
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.78 min Scan# 454

Delta R.T. 0.00 min

Lab File: BF088712.D

Acq: 5 Jul 2016 19:41

Instrument :

BNA_F

ClientSampleId :

PB91868BS

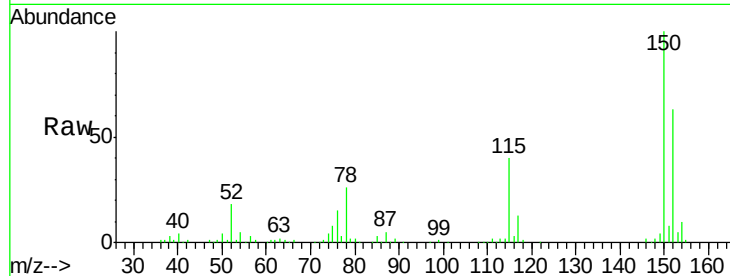
Tot Ion:152 Resp: 109609

Ion Ratio Lower Upper

152 100

150 158.5 123.8 185.6

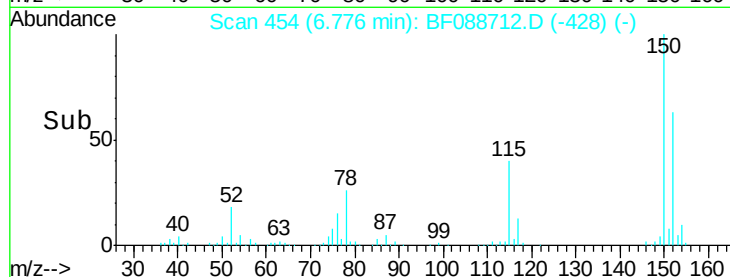
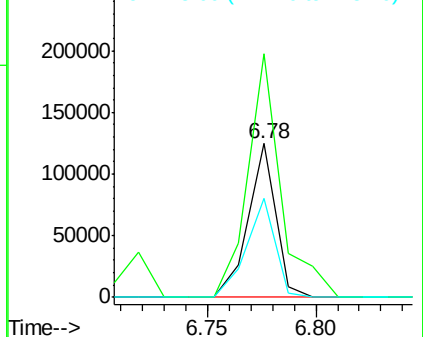
115 64.1 39.6 59.4#



Abundance Ion 152.00 (151.70 to 152.70): E

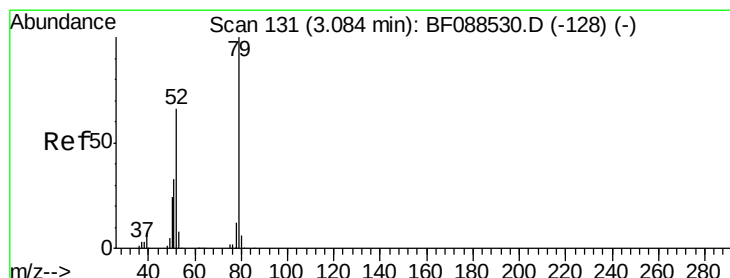
Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



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#3

Pyridine

Concen: 28.04 ng

RT: 3.08 min Scan# 131

Delta R.T. 0.08 min

Lab File: BF088712.D

Acq: 5 Jul 2016 19:41

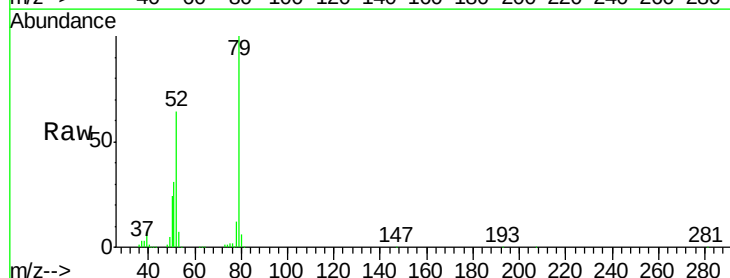
Tgt Ion: 79 Resp: 295021

Ion Ratio Lower Upper

79 100

52 63.7 56.3 84.5

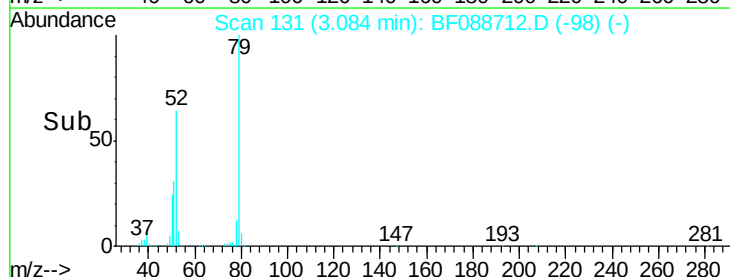
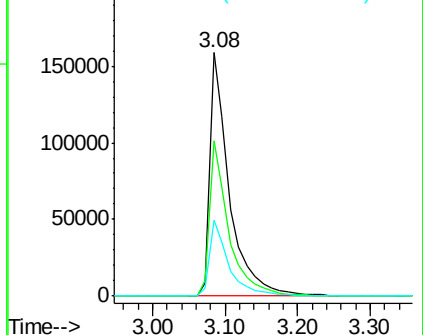
51 31.2 27.4 41.2

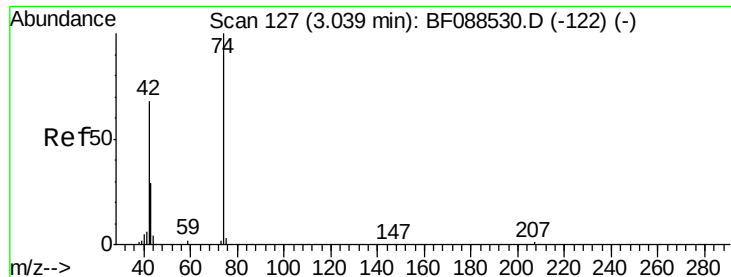


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



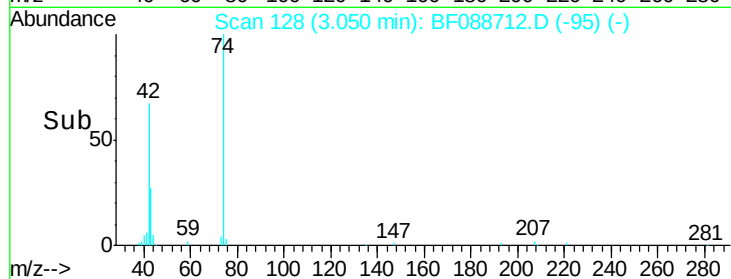
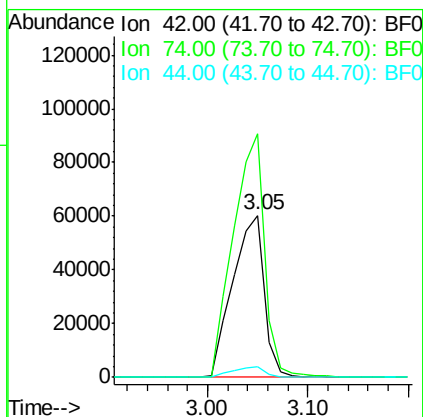
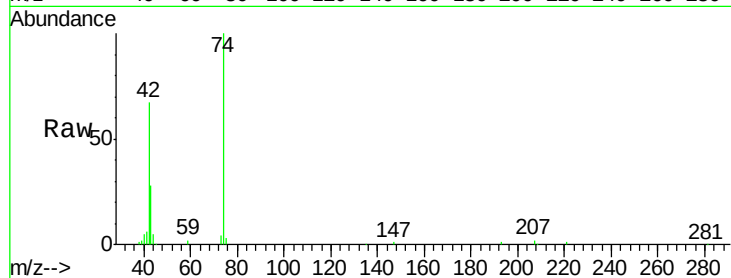


#4

n-Nitrosodimethylamine
Concen: 32.60 ng
RT: 3.05 min Scan# 128
Delta R.T. 0.08 min
Lab File: BF088712.D
Acq: 5 Jul 2016 19:41

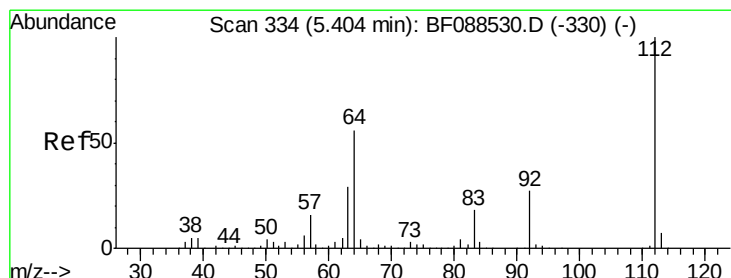
Instrument :
BNA_F
ClientSampleId :
PB91868BS

Tot Ion	Ion	Ratio	Lower	Upper
42	100			
74	150.2	108.6	163.0	
44	6.8	5.5	8.3	



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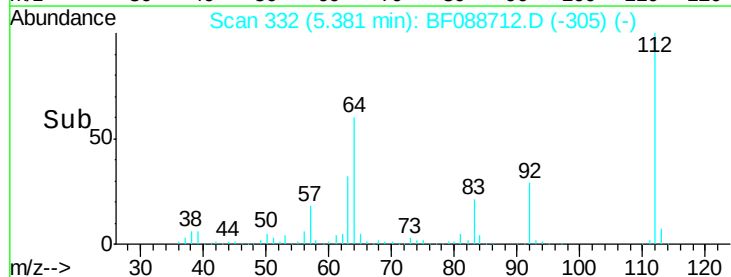
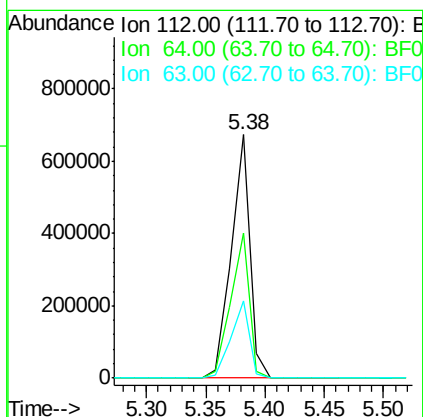
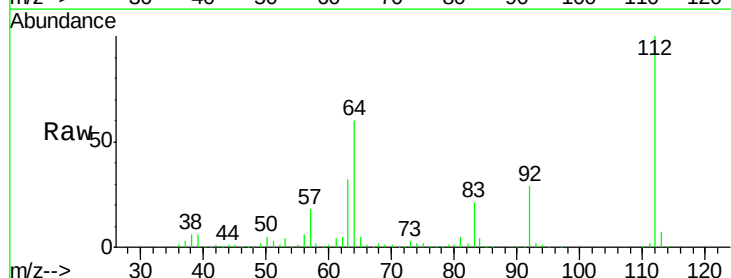
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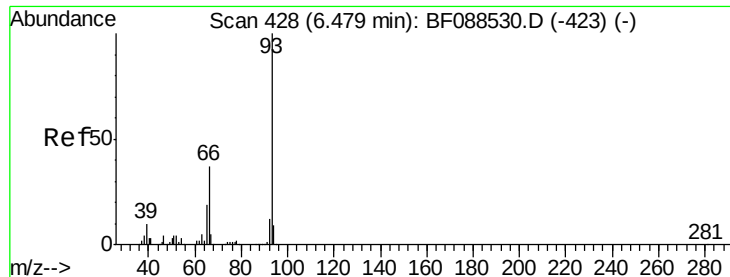


#5

2-Fluorophenol
Concen: 100.24 ng
RT: 5.38 min Scan# 332
Delta R.T. 0.01 min
Lab File: BF088712.D
Acq: 5 Jul 2016 19:41

Tgt Ion	Ion	Ratio	Lower	Upper
112	100			
64	59.7	42.2	63.2	
63	31.8	21.8	32.8	





#6

Aniline

Concen: 25.79 ng

RT: 6.43 min Scan# 424

Delta R.T. 0.00 min

Lab File: BF088712.D

Acq: 5 Jul 2016 19:41

Instrument :

BNA_F

ClientSampleId :

PB91868BS

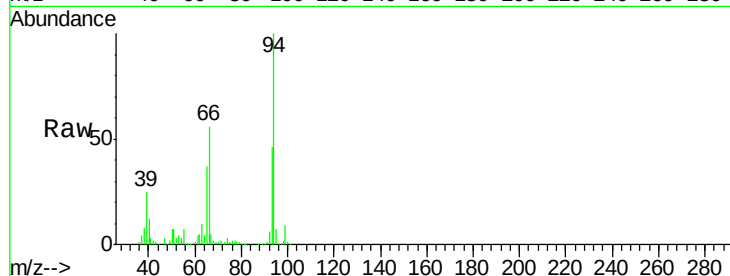
Tot Ion: 93 Resp: 355157

Ion Ratio Lower Upper

93 100

66 122.9 29.8 44.8#

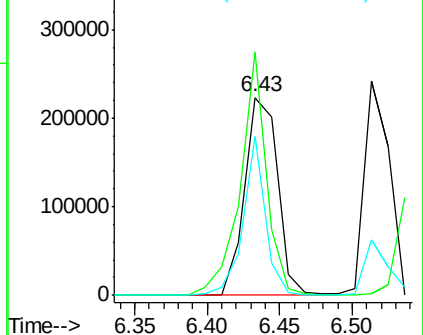
65 80.1 14.9 22.3#



Abundance Ion 93.00 (92.70 to 93.70): BF0

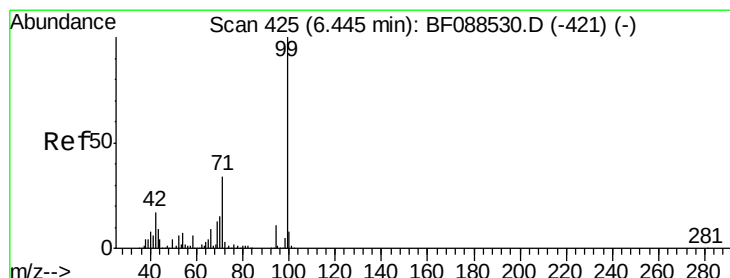
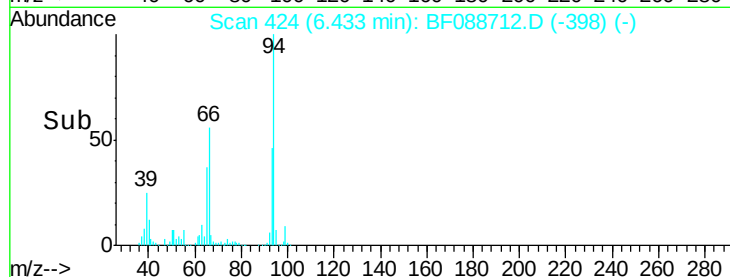
Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0



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#7

Phenol-d6

Concen: 105.52 ng

RT: 6.42 min Scan# 423

Delta R.T. 0.01 min

Lab File: BF088712.D

Acq: 5 Jul 2016 19:41

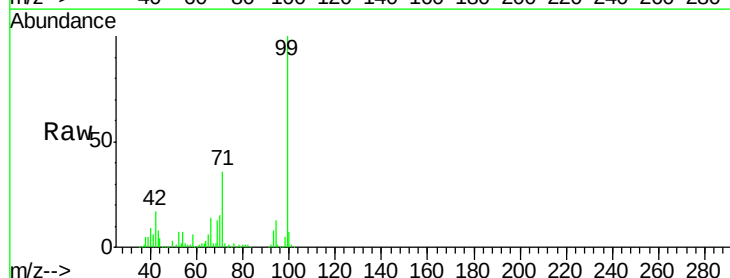
Tgt Ion: 99 Resp: 997165

Ion Ratio Lower Upper

99 100

42 17.1 12.2 18.2

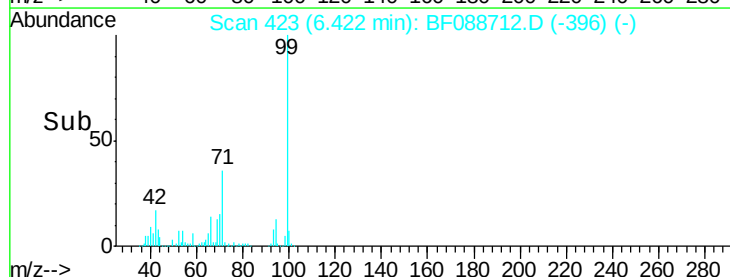
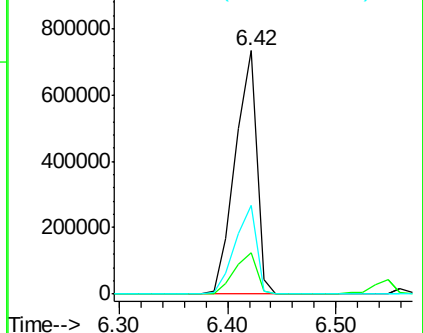
71 36.4 23.4 35.0#

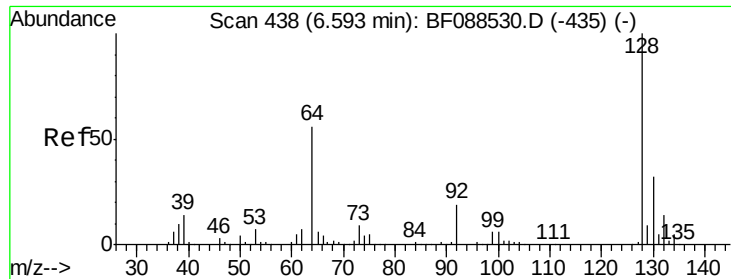


Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0





#8

2-Chlorophenol

Concen: 38.68 ng

RT: 6.56 min Scan# 435

Delta R.T. 0.00 min

Lab File: BF088712.D

Acq: 5 Jul 2016 19:41

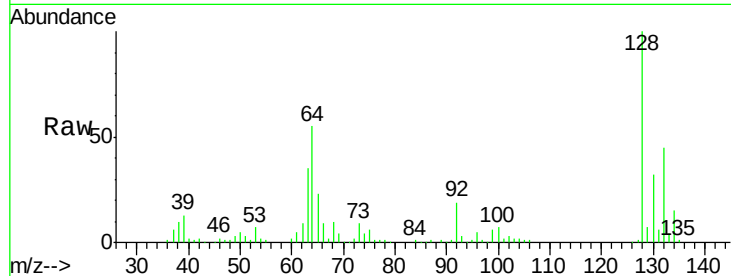
Instrument :

BNA_F

ClientSampleId :

PB91868BS

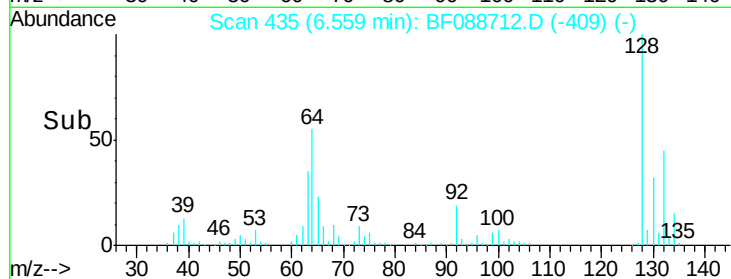
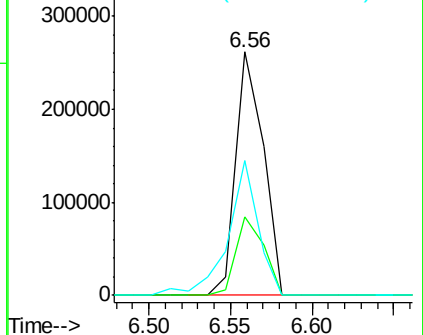
Tot Ion:	128	Resp:	304067
Ion	Ratio	Lower	Upper
128	100		
130	32.4	12.0	52.0
64	55.2	30.8	70.8



Abundance Ion 128.00 (127.70 to 128.70): B

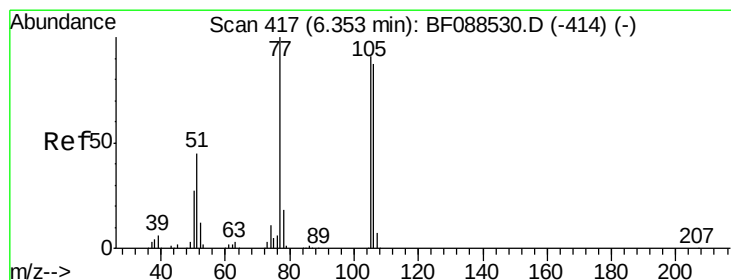
Ion 130.00 (129.70 to 130.70): B

Ion 64.00 (63.70 to 64.70): B



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#9

Benzaldehyde

Concen: 39.58 ng

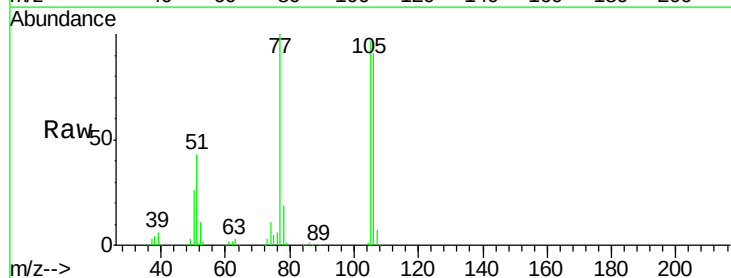
RT: 6.32 min Scan# 414

Delta R.T. 0.00 min

Lab File: BF088712.D

Acq: 5 Jul 2016 19:41

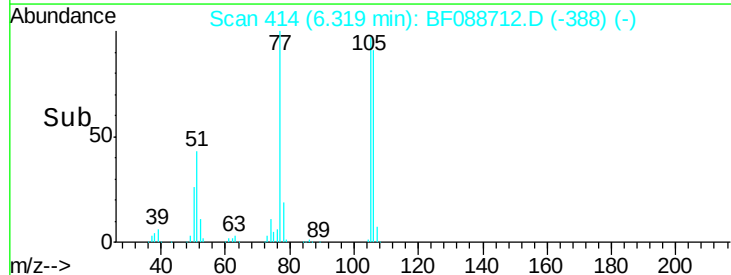
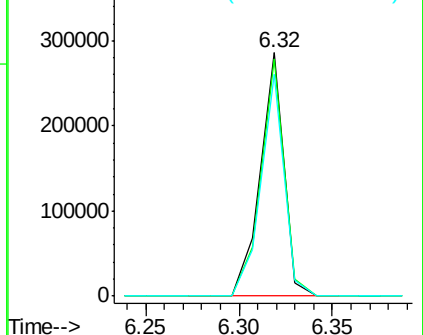
Tgt Ion:	77	Resp:	253330
Ion	Ratio	Lower	Upper
77	100		
105	97.2	90.6	130.6
106	91.4	85.3	125.3

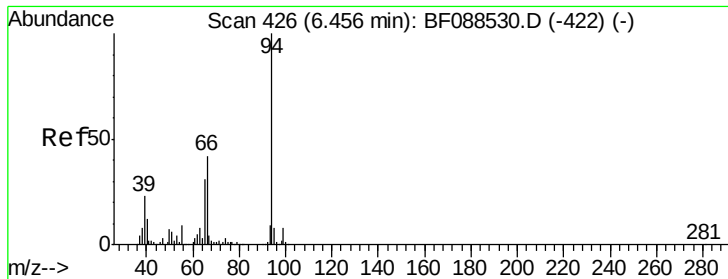


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): B

Ion 106.00 (105.70 to 106.70): B

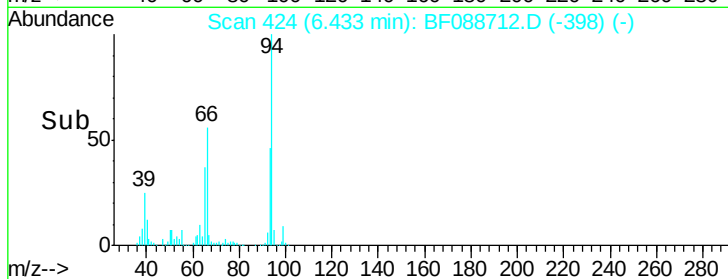
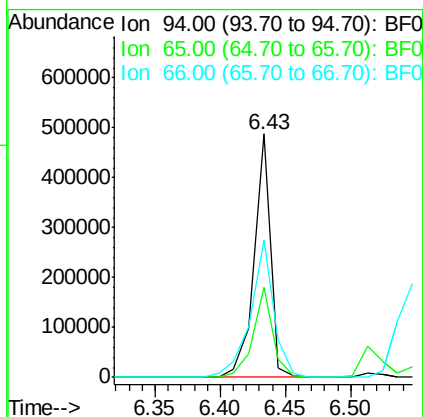
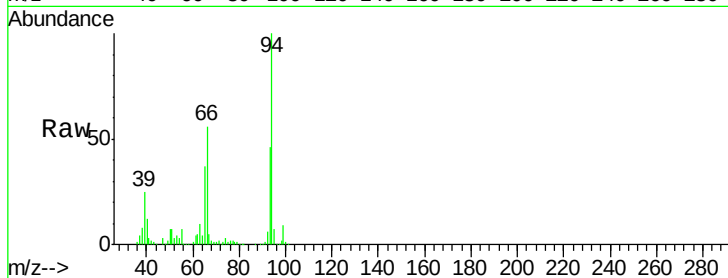




#10
Phenol
Concen: 39.69 ng
RT: 6.43 min Scan# 424
Delta R.T. 0.00 min
Lab File: BF088712.D
Acq: 5 Jul 2016 19:41

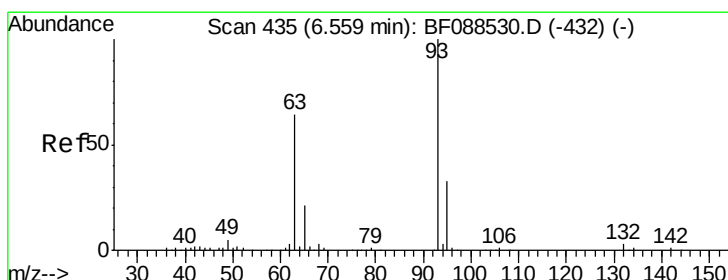
Instrument :
BNA_F
ClientSampleId :
PB91868BS

Tot Ion	Ratio	Lower	Upper
94	100		
65	36.7	5.9	45.9
66	56.4	14.0	54.0



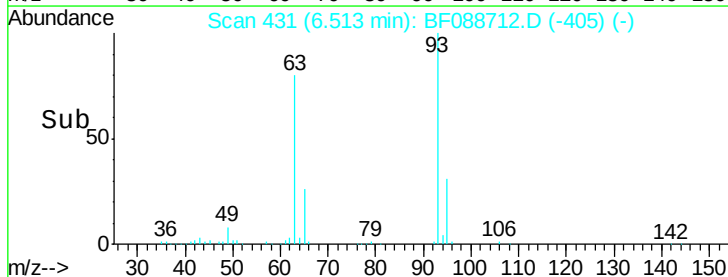
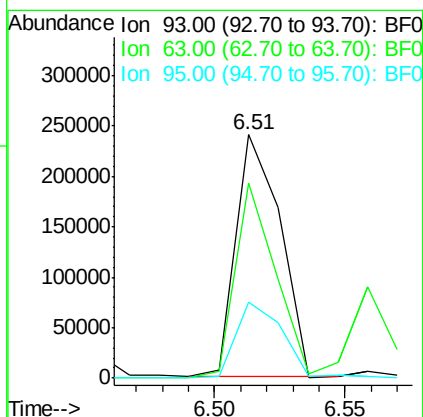
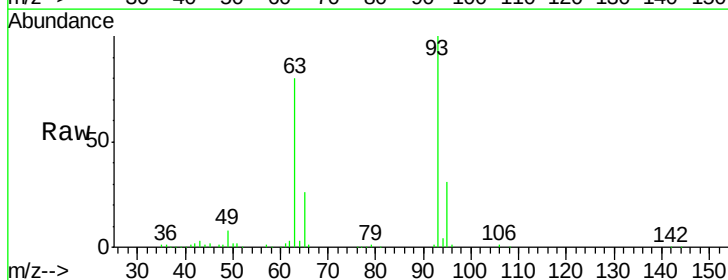
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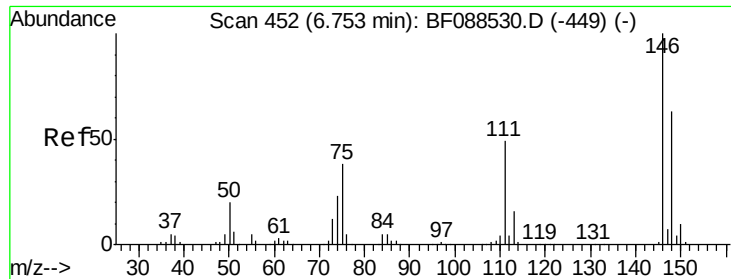
7/6/2016 7:19:20 PM



#11
bis(2-Chloroethyl)ether
Concen: 35.21 ng
RT: 6.51 min Scan# 431
Delta R.T. 0.00 min
Lab File: BF088712.D
Acq: 5 Jul 2016 19:41

Tgt Ion	Ratio	Lower	Upper
93	100		
63	79.9	67.6	107.6
95	31.3	12.5	52.5

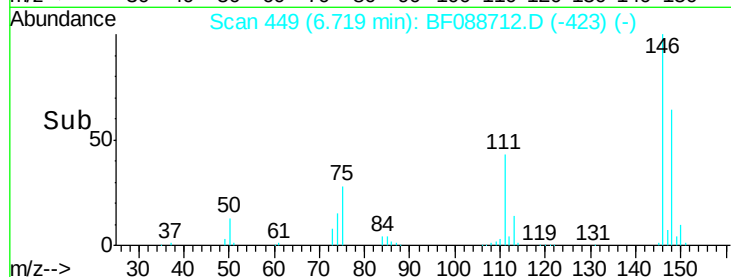
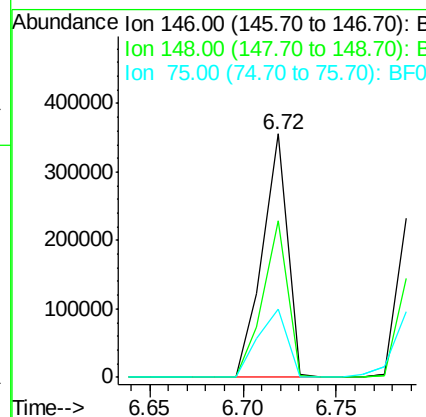
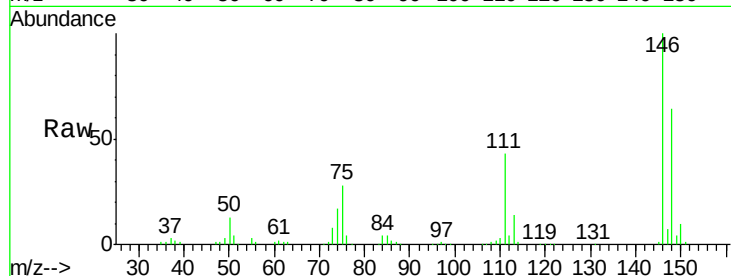




#12
 1,3-Dichlorobenzene
 Concen: 38.30 ng
 RT: 6.72 min Scan# 449
 Delta R.T. 0.00 min
 Lab File: BF088712.D
 Acq: 5 Jul 2016 19:41

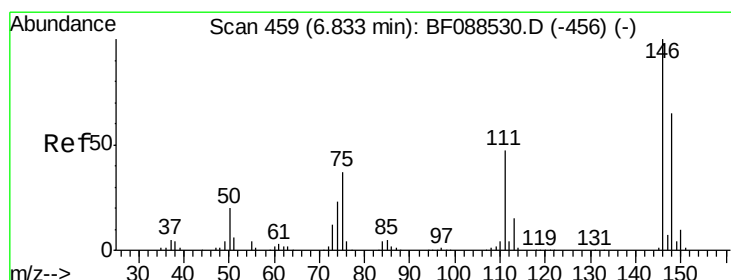
Instrument :
 BNA_F
 ClientSampleId :
 PB91868BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.3	50.9	76.3
75	28.3	25.6	38.4



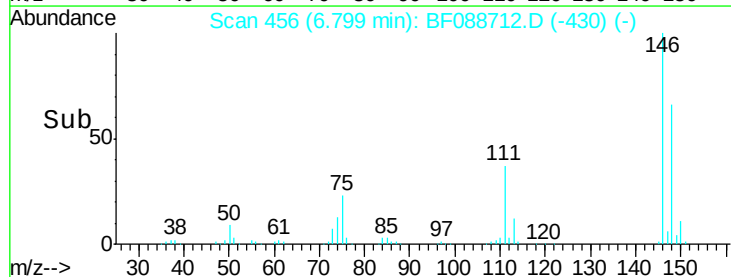
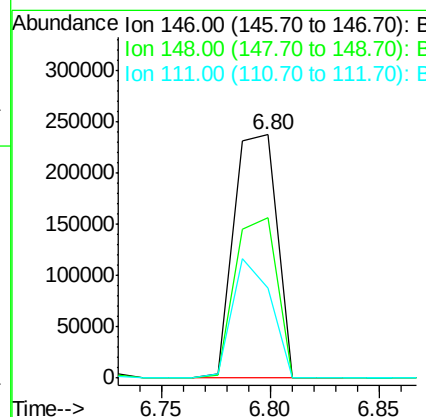
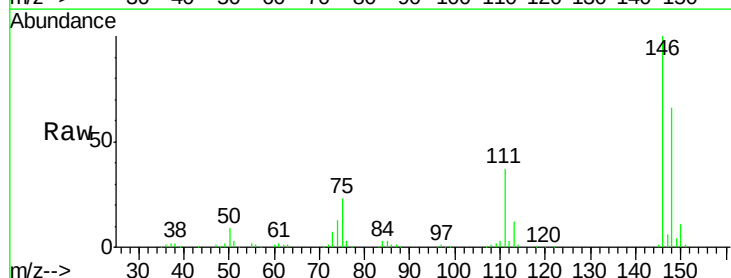
sohil

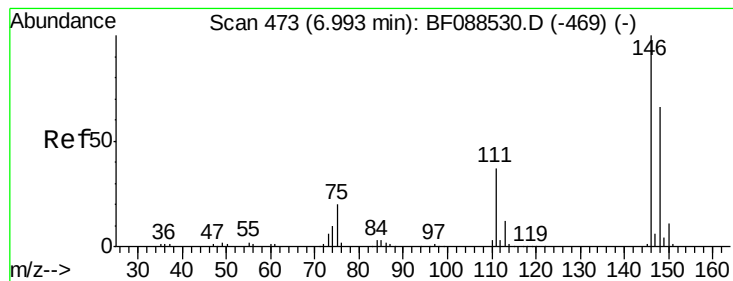
7/6/2016 7:19:20 PM



#13
 1,4-Dichlorobenzene
 Concen: 37.91 ng
 RT: 6.80 min Scan# 456
 Delta R.T. 0.00 min
 Lab File: BF088712.D
 Acq: 5 Jul 2016 19:41

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.7	52.0	78.0
111	37.0	33.8	50.8

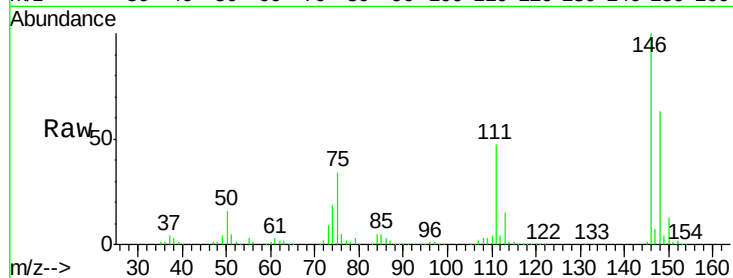




#14
1,2-Dichlorobenzene
Concen: 38.74 ng/mL
RT: 6.95 min Scan# 469
Delta R.T. 0.00 min
Lab File: BF088712.D
Acq: 5 Jul 2016 19:41

Instrument :
BNA_F
ClientSampleId :
PB91868BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.2	52.3	78.5
111	47.4	28.7	43.1

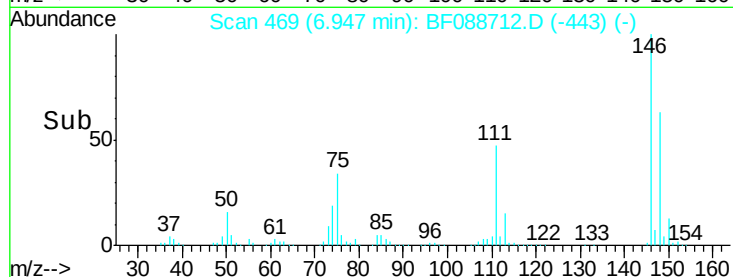
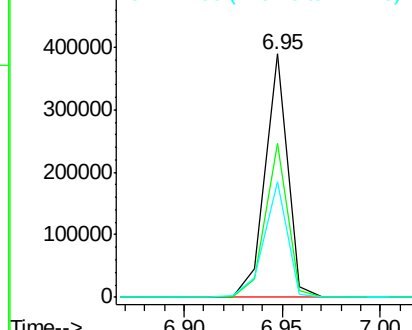


Abundance

Ion 146.00 (145.70 to 146.70): E

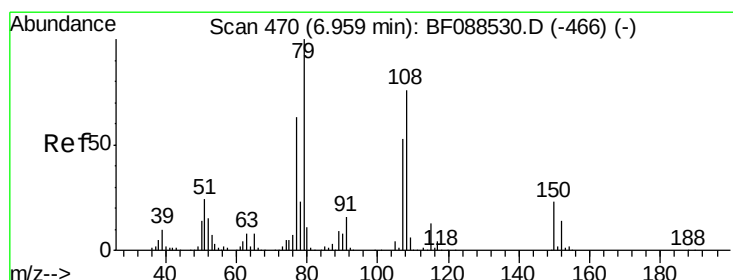
Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



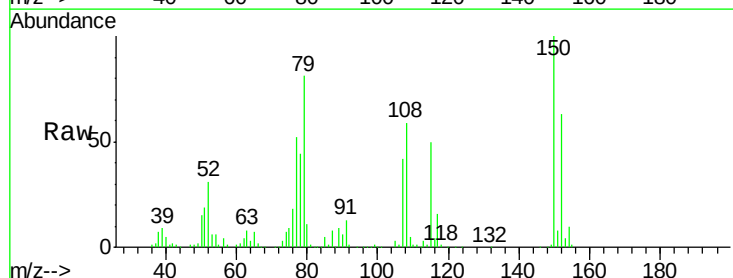
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#15
Benzyl Alcohol
Concen: 42.79 ng/mL
RT: 6.92 min Scan# 467
Delta R.T. 0.00 min
Lab File: BF088712.D
Acq: 5 Jul 2016 19:41

Tgt Ion	Ratio	Lower	Upper
79	100		
108	73.2	65.0	97.6
77	63.9	50.3	75.5

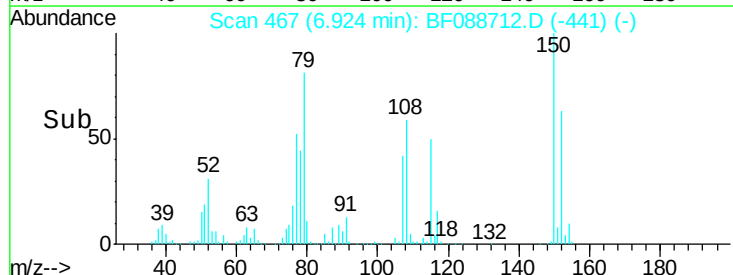
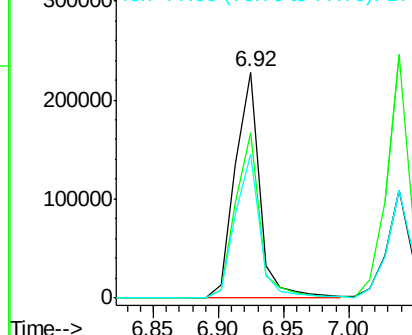


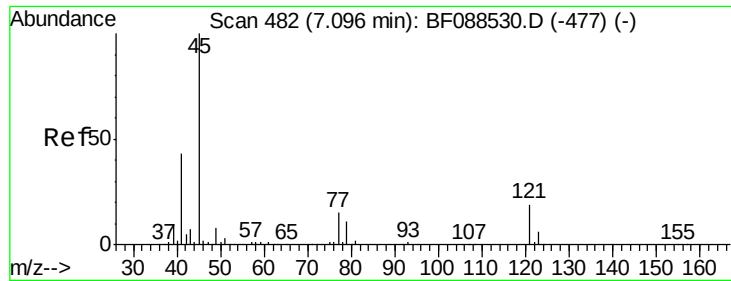
Abundance

Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

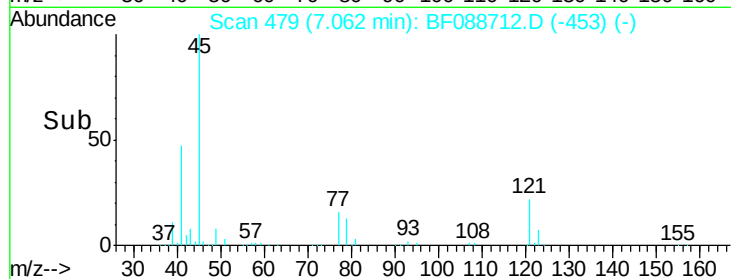
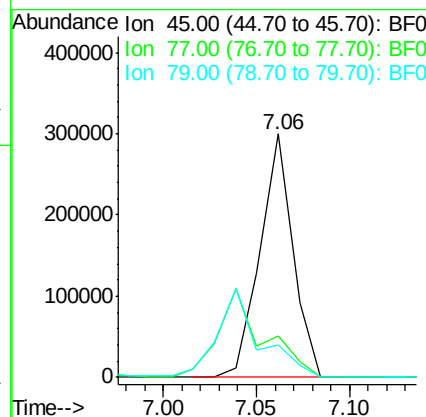
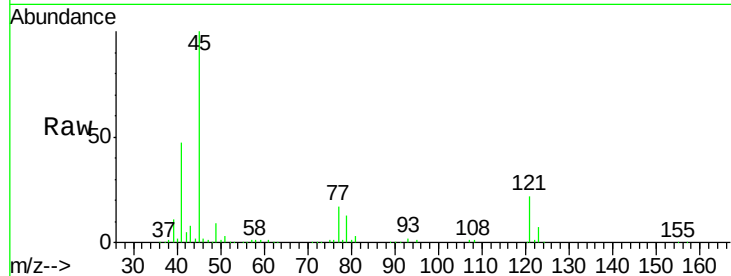




#16
2,2'-oxvbis(1-Chloropropane)
Concen: 31.35 ng
RT: 7.06 min Scan# 479
Delta R.T. 0.00 min
Lab File: BF088712.D
Acq: 5 Jul 2016 19:41

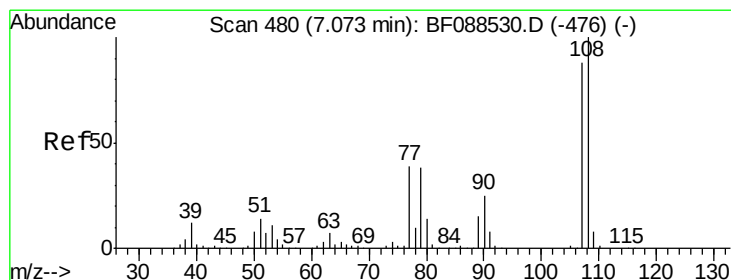
Instrument :
BNA_F
ClientSampleId :
PB91868BS

Tot Ion:	45	Resp:	365158
Ion Ratio	Lower	Upper	
45	100		
77	16.8	0.0	32.5
79	13.2	0.0	29.5



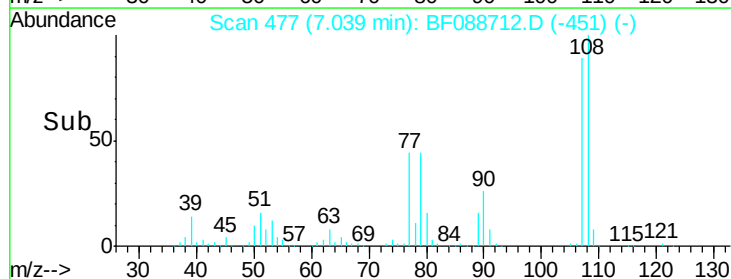
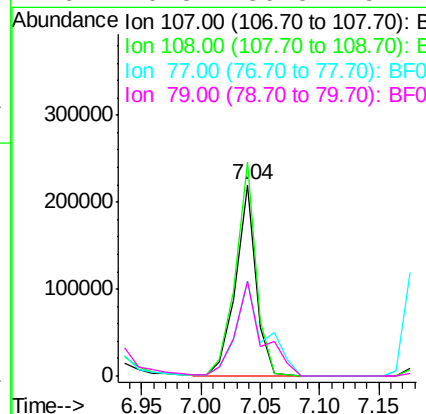
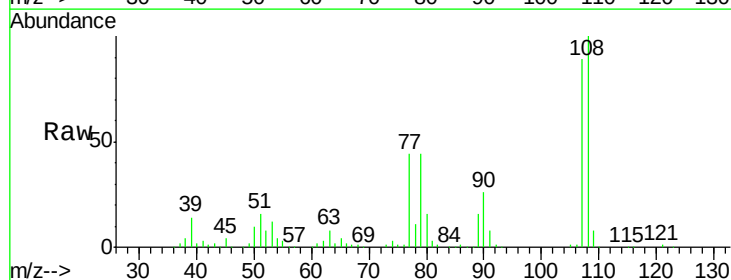
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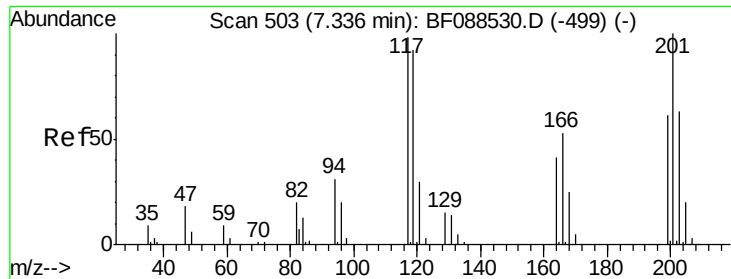
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#17
2-Methylphenol
Concen: 41.05 ng
RT: 7.04 min Scan# 477
Delta R.T. 0.00 min
Lab File: BF088712.D
Acq: 5 Jul 2016 19:41

Tgt Ion:	107	Resp:	263203
Ion Ratio	Lower	Upper	
107	100		
108	111.9	90.9	136.3
77	49.8	36.6	55.0
79	49.8	36.5	54.7

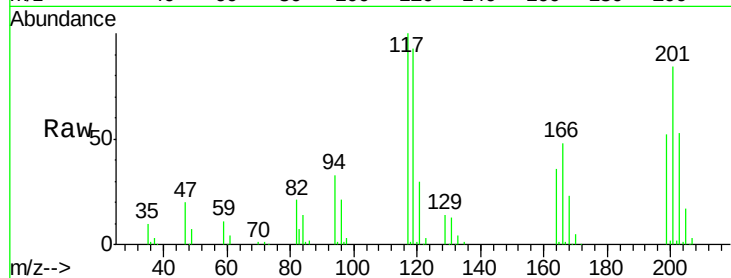




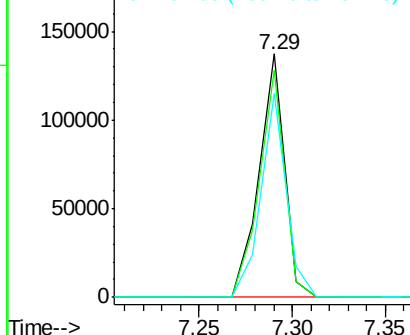
#18
Hexachloroethane
Concen: 38.91 ng
RT: 7.29 min Scan# 499
Delta R.T. 0.00 min
Lab File: BF088712.D
Acq: 5 Jul 2016 19:41

Instrument :
BNA_F
ClientSampleId :
PB91868BS

Tot Ion	Ratio	Lower	Upper
117	100		
119	93.2	77.4	116.2
201	83.5	80.4	120.6

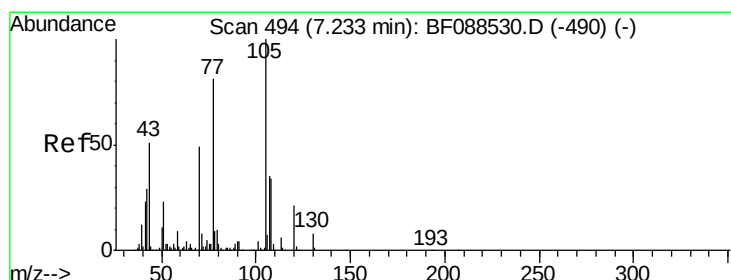
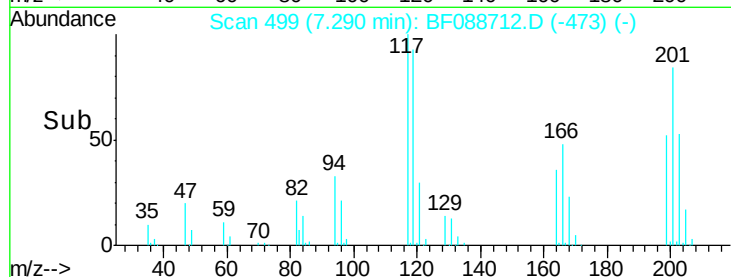


Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E



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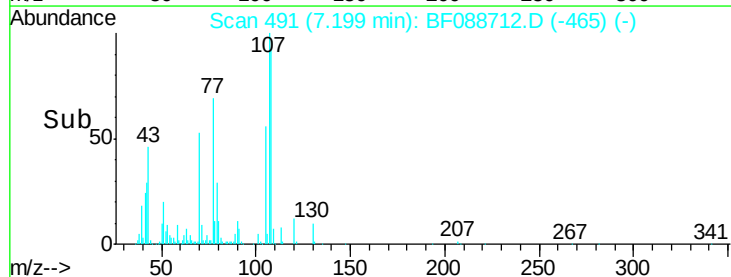
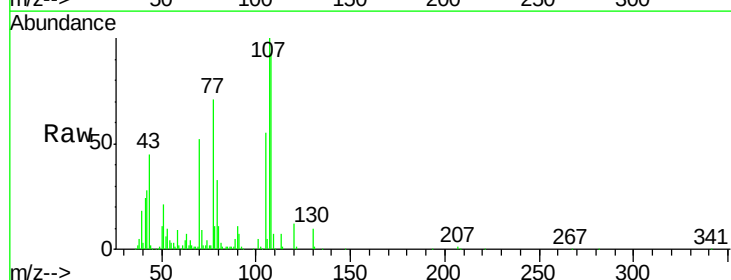
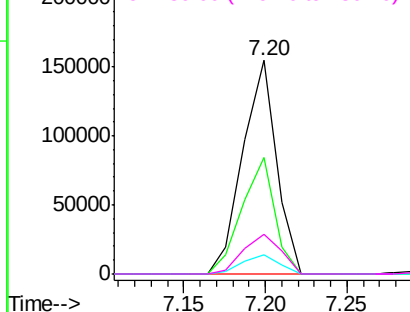
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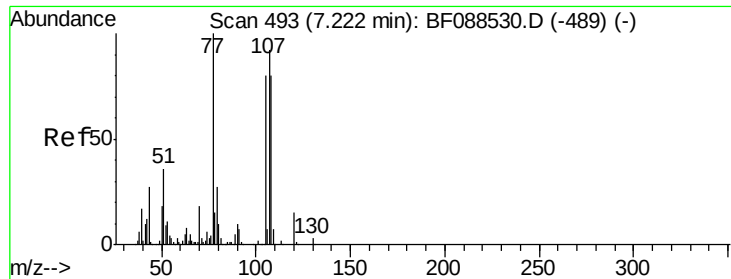


#19
n-Nitroso-di-n-propylamine
Concen: 34.99 ng
RT: 7.20 min Scan# 491
Delta R.T. 0.00 min
Lab File: BF088712.D
Acq: 5 Jul 2016 19:41

Tgt Ion	Ratio	Lower	Upper
70	100		
42	54.3	49.6	74.4
101	9.3	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

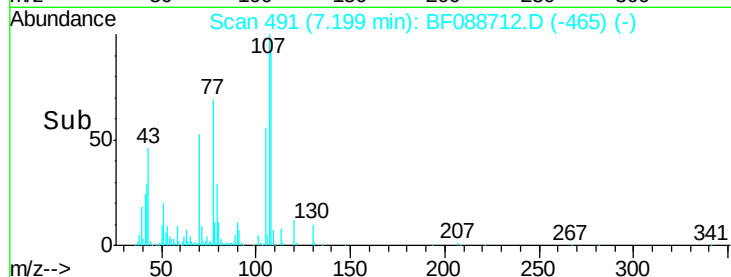
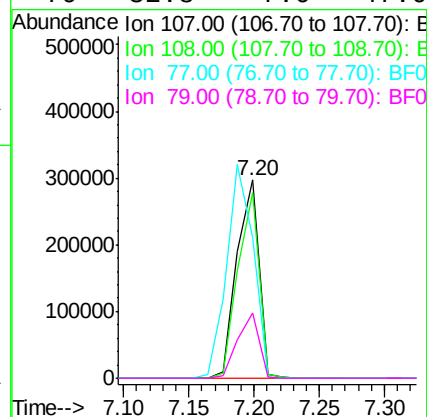
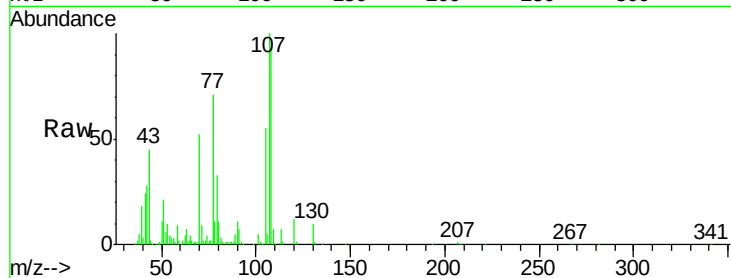




#20
3+4-Methylphenols
Concen: 44.94 ng
RT: 7.20 min Scan# 491
Delta R.T. 0.00 min
Lab File: BF088712.D
Acq: 5 Jul 2016 19:41

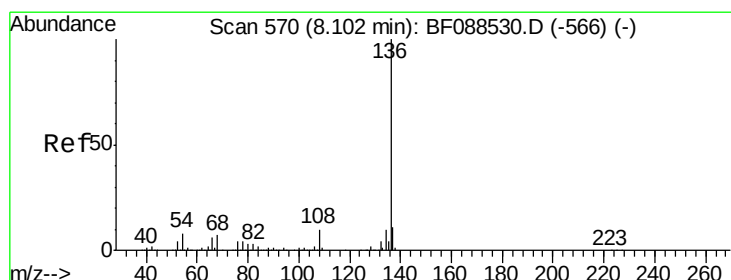
Instrument :
BNA_F
ClientSampleId :
PB91868BS

Tot Ion:	107	Resp:	345829
Ion	Ratio	Lower	Upper
107	100		
108	93.4	67.8	107.8
77	70.9	59.3	99.3
79	32.8	7.0	47.0



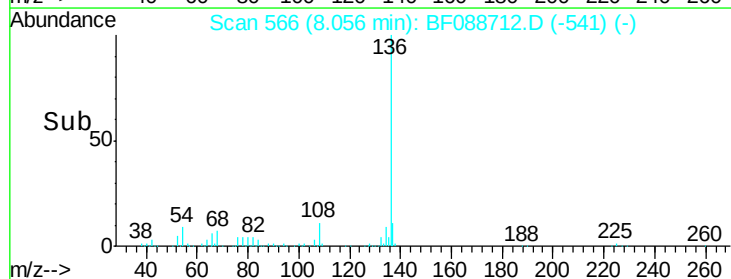
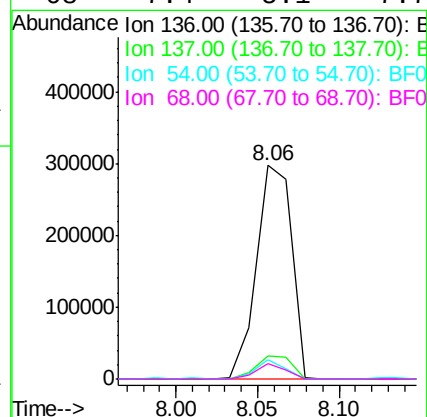
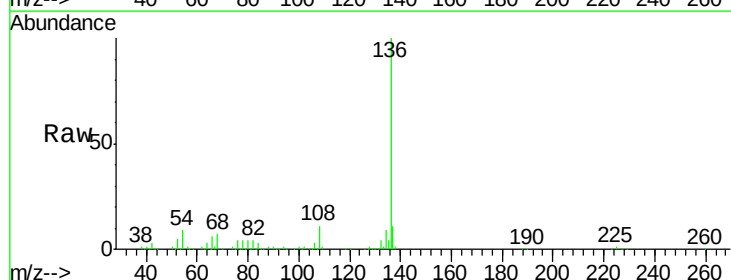
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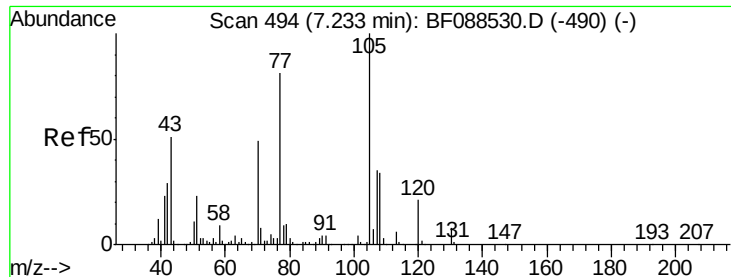
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#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.06 min Scan# 566
Delta R.T. -0.01 min
Lab File: BF088712.D
Acq: 5 Jul 2016 19:41

Tgt Ion:	136	Resp:	445790
Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.1	13.7
54	8.9	6.6	10.0
68	7.4	5.1	7.7





#22

Acetophenone

Concen: 40.67 ng

RT: 7.19 min Scan# 490

Delta R.T. -0.01 min

Lab File: BF088712.D

Acq: 5 Jul 2016 19:41

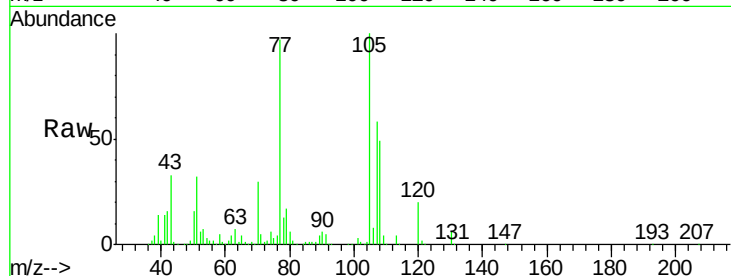
Instrument :

BNA_F

ClientSampleId :

PB91868BS

Tot Ion:	105	Resp:	440010
Ion Ratio	Lower	Upper	
105	100		
71	4.9	5.3	7.9#
51	32.2	18.2	27.4#
120	19.8	18.0	27.0

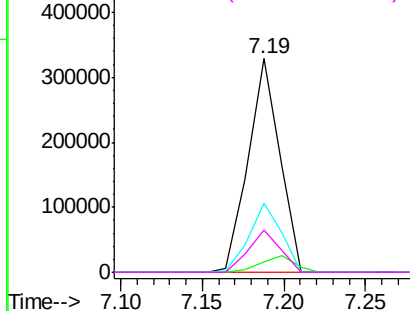


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

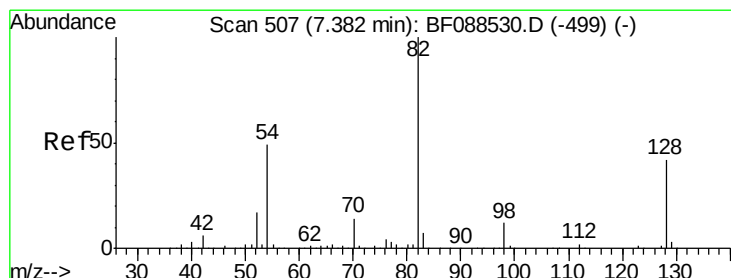
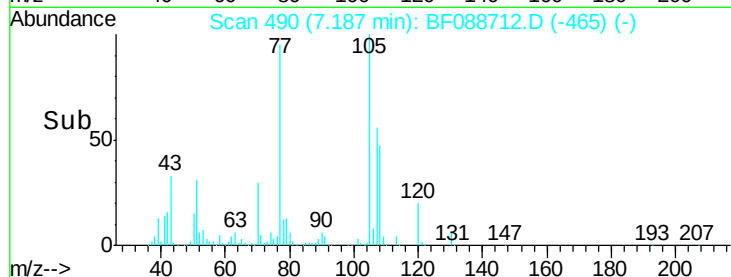
Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



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#23

Nitrobenzene-d5

Concen: 87.92 ng

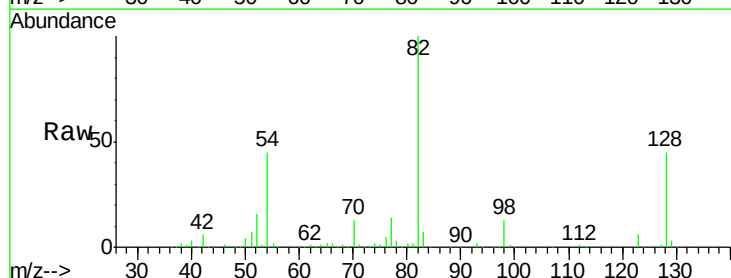
RT: 7.35 min Scan# 504

Delta R.T. 0.00 min

Lab File: BF088712.D

Acq: 5 Jul 2016 19:41

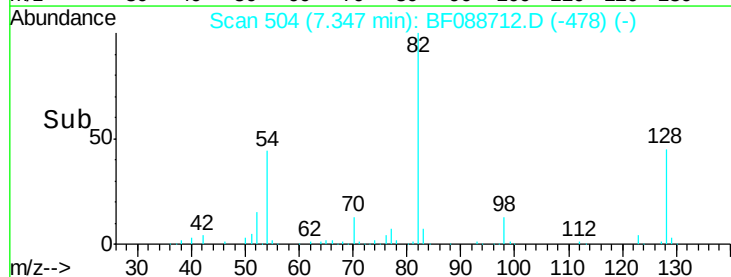
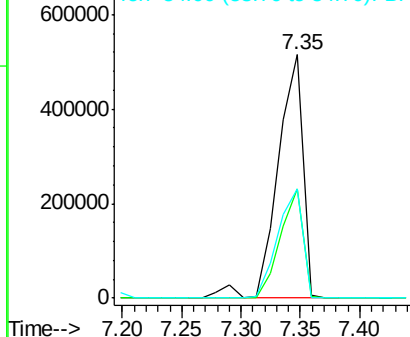
Tgt Ion:	82	Resp:	747945
Ion Ratio	Lower	Upper	
82	100		
128	44.7	35.9	53.9
54	44.7	40.9	61.3

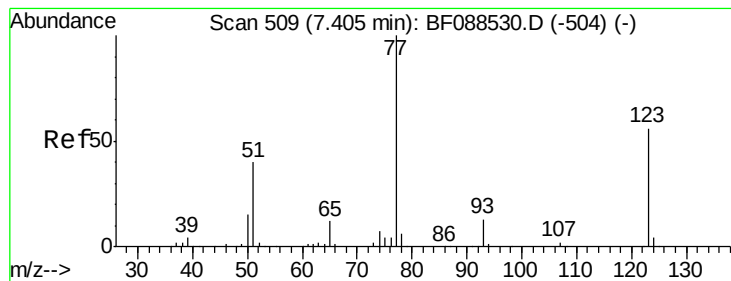


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#24

Nitrobenzene

Concen: 37.80 ng

RT: 7.36 min Scan# 505

Delta R.T. 0.00 min

Lab File: BF088712.D

Acq: 5 Jul 2016 19:41

Instrument :

BNA_F

ClientSampleId :

PB91868BS

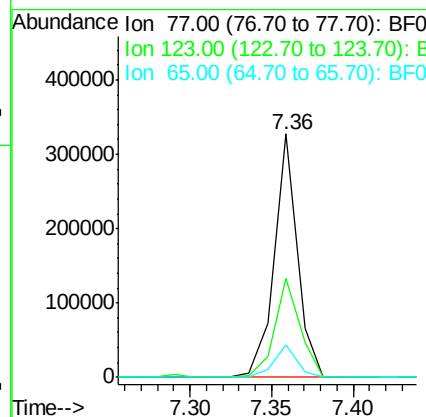
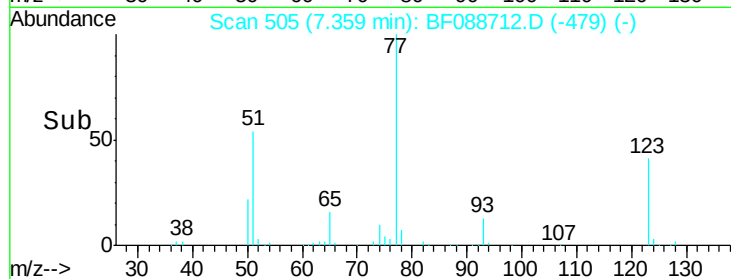
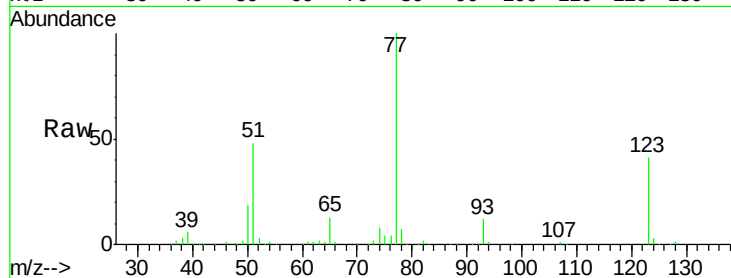
Tot Ion: 77 Resp: 324248

Ion Ratio Lower Upper

77 100

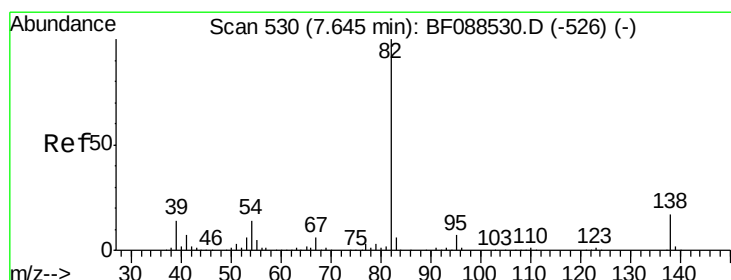
123 40.9 45.0 67.4#

65 13.4 10.2 15.2



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#25

Isophorone

Concen: 42.35 ng

RT: 7.60 min Scan# 526

Delta R.T. -0.01 min

Lab File: BF088712.D

Acq: 5 Jul 2016 19:41

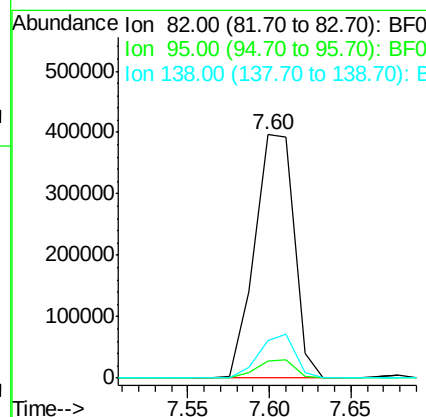
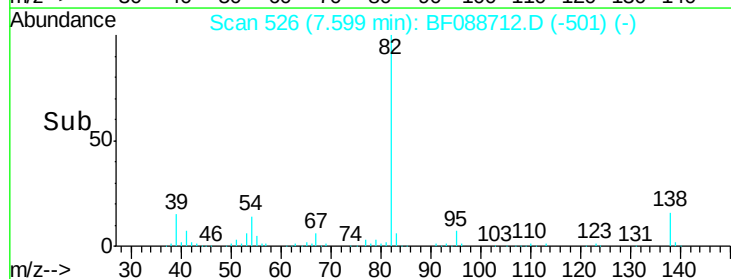
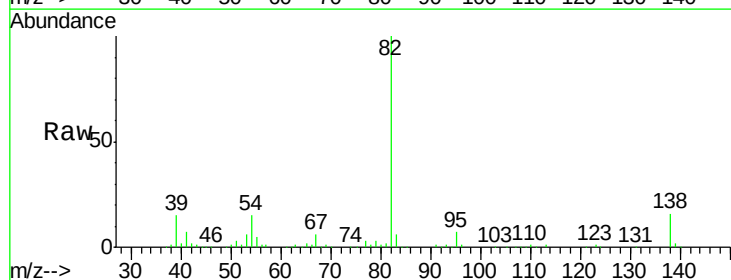
Tgt Ion: 82 Resp: 667309

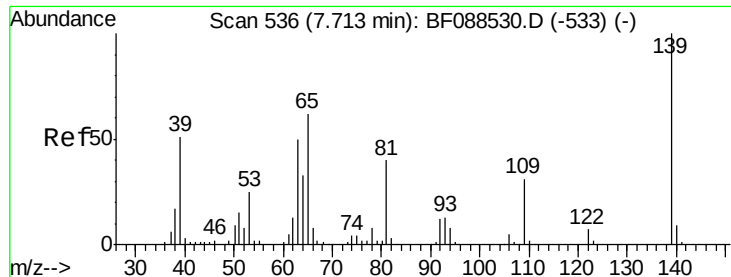
Ion Ratio Lower Upper

82 100

95 7.1 5.4 8.2

138 15.5 14.6 21.8

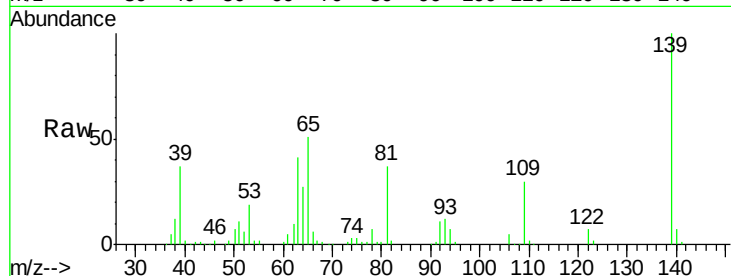




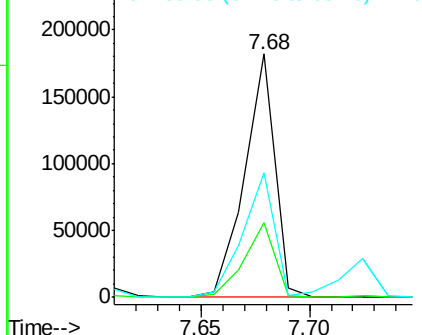
#26
2-Nitrophenol
Concen: 50.09 ng
RT: 7.68 min Scan# 533
Delta R.T. 0.00 min
Lab File: BF088712.D
Acq: 5 Jul 2016 19:41

Instrument :
BNA_F
ClientSampled :
PB91868BS

Tot Ion	Ion	Ratio	Lower	Upper
139	100			
109	30.4	23.0	34.4	
65	51.3	45.8	68.8	

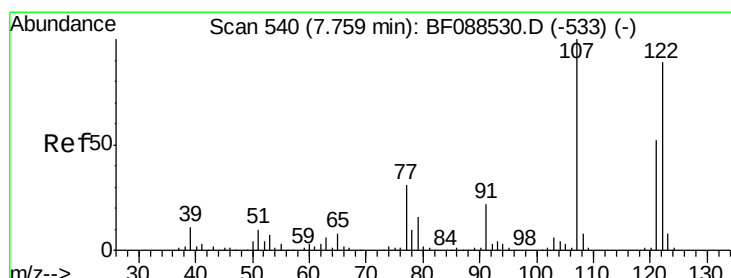
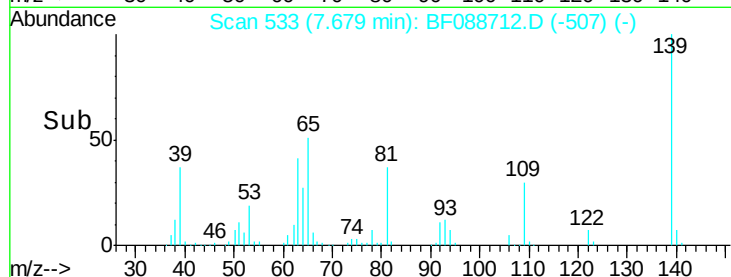


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): E



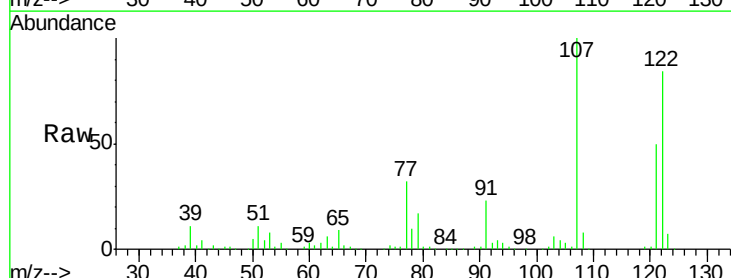
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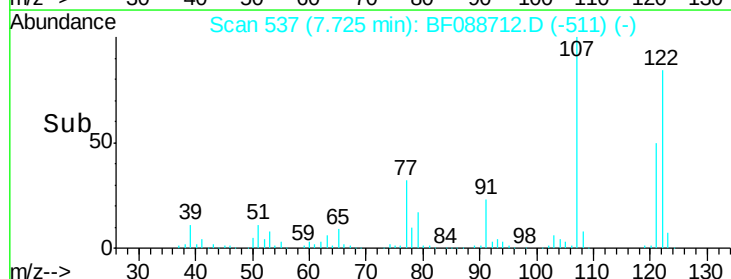
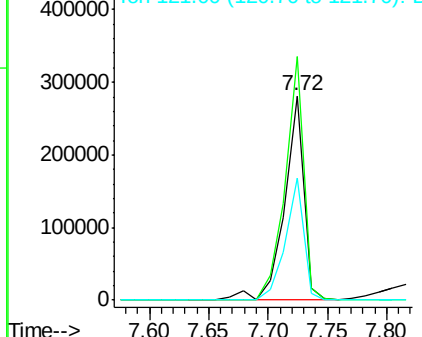


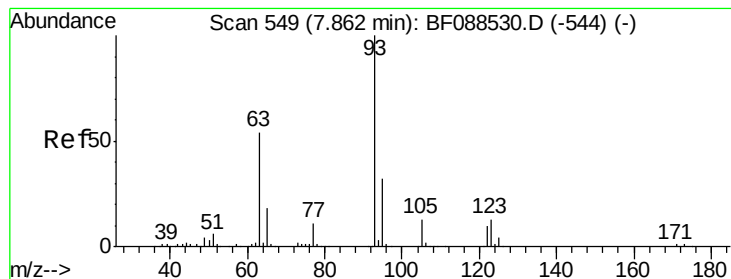
#27
2,4-Dimethylphenol
Concen: 42.93 ng
RT: 7.72 min Scan# 537
Delta R.T. 0.00 min
Lab File: BF088712.D
Acq: 5 Jul 2016 19:41

Tgt Ion	Ion	Ratio	Lower	Upper
122	100			
107	119.2	82.4	123.6	
121	59.5	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: 37.96 ng

RT: 7.82 min Scan# 545

Delta R.T. 0.00 min

Lab File: BF088712.D

Acq: 5 Jul 2016 19:41

Instrument :

BNA_F

ClientSampled :

PB91868BS

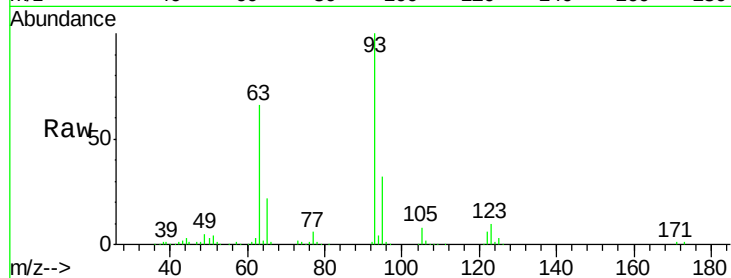
Tot Ion: 93 Resp: 389218

Ion Ratio Lower Upper

93 100

95 32.2 26.5 39.7

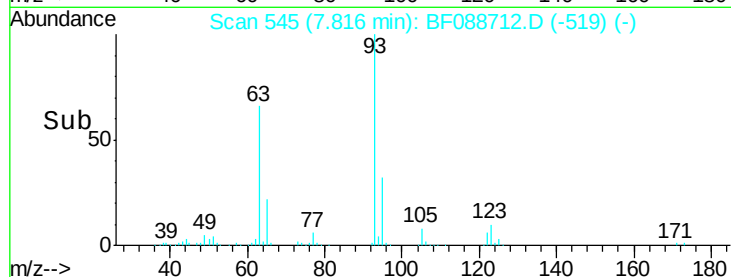
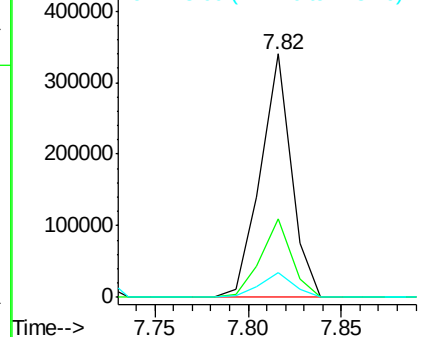
123 10.1 11.6 17.4#



Abundance Ion 93.00 (92.70 to 93.70): BF0

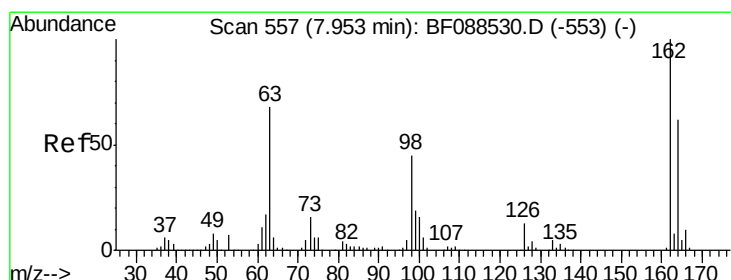
Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): BF0



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#29

2,4-Dichlorophenol

Concen: 43.52 ng

RT: 7.92 min Scan# 554

Delta R.T. 0.00 min

Lab File: BF088712.D

Acq: 5 Jul 2016 19:41

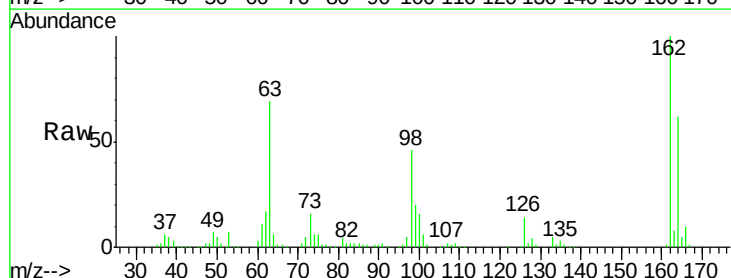
Tgt Ion: 162 Resp: 257680

Ion Ratio Lower Upper

162 100

164 62.3 43.8 83.8

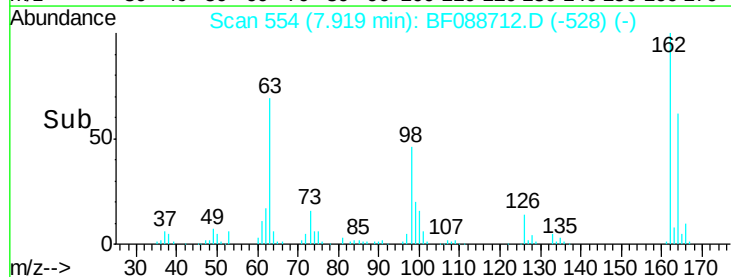
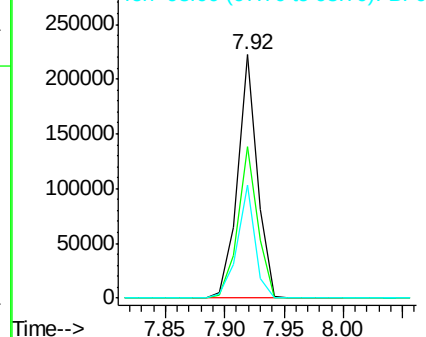
98 46.3 21.3 61.3

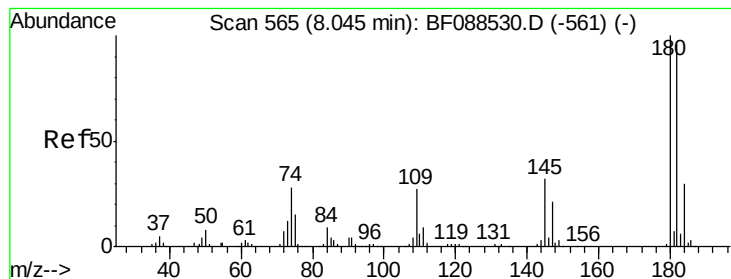


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF0

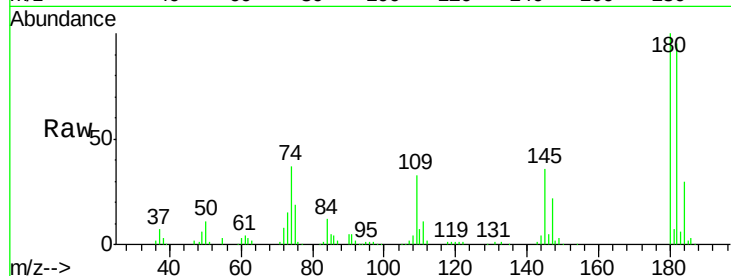




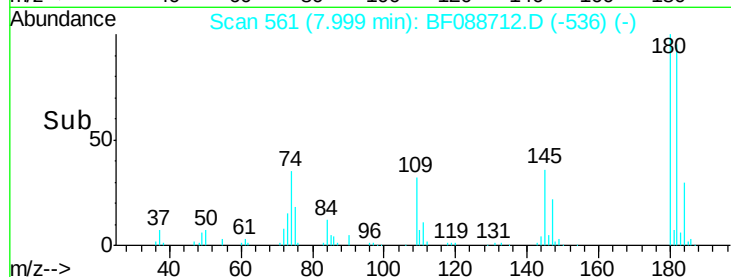
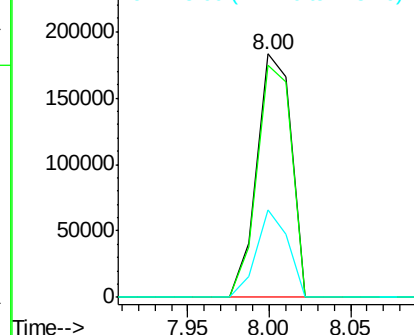
#30
1,2,4-Trichlorobenzene
Concen: 41.28 ng
RT: 8.00 min Scan# 561
Delta R.T. -0.01 min
Lab File: BF088712.D
Acq: 5 Jul 2016 19:41

Instrument :
BNA_F
ClientSampled :
PB91868BS

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.3	76.0	114.0
145	35.7	26.5	39.7

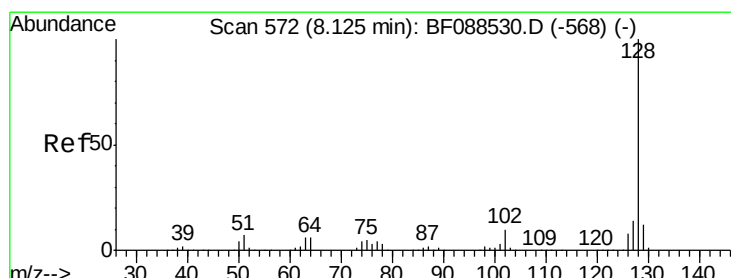


Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E



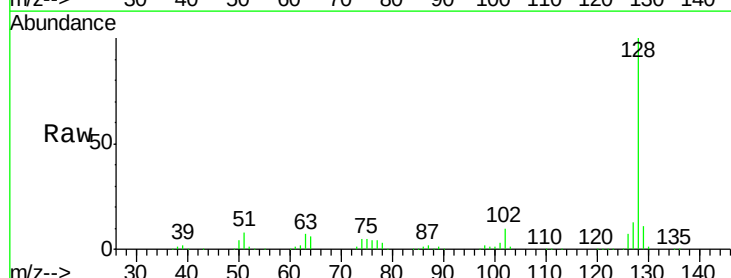
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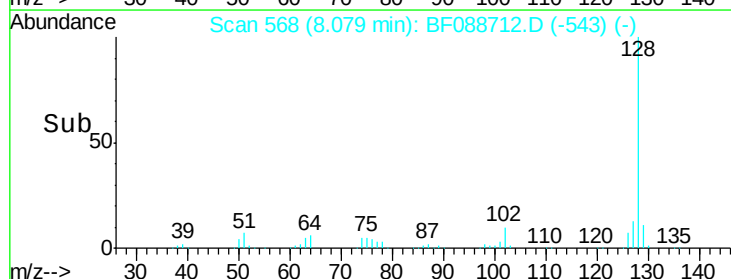
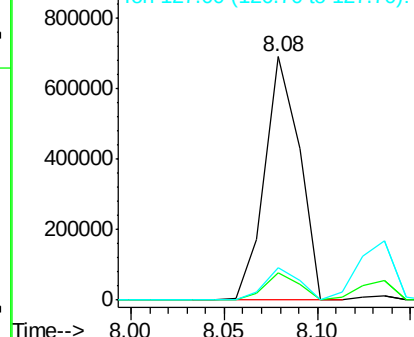


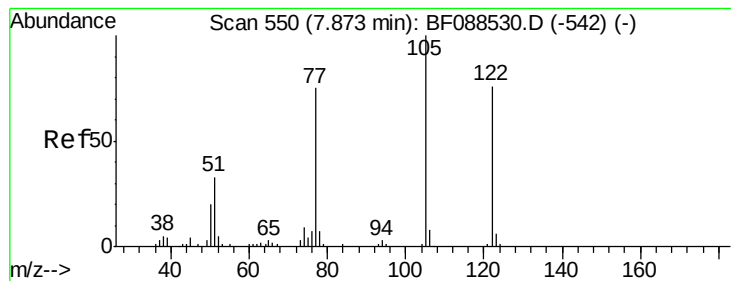
#31
Naphthalene
Concen: 40.49 ng
RT: 8.08 min Scan# 568
Delta R.T. -0.01 min
Lab File: BF088712.D
Acq: 5 Jul 2016 19:41

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



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





#32

Benzoic acid

Concen: 9.41 ng

RT: 7.82 min Scan# 545

Delta R.T. -0.05 min

Lab File: BF088712.D

Acq: 5 Jul 2016 19:41

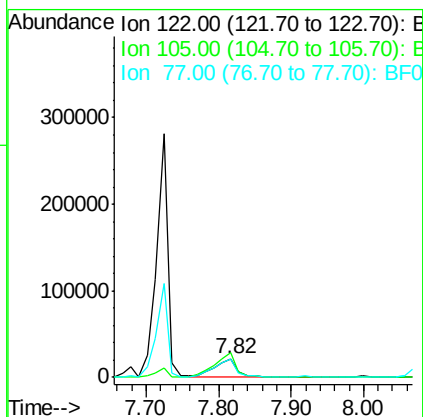
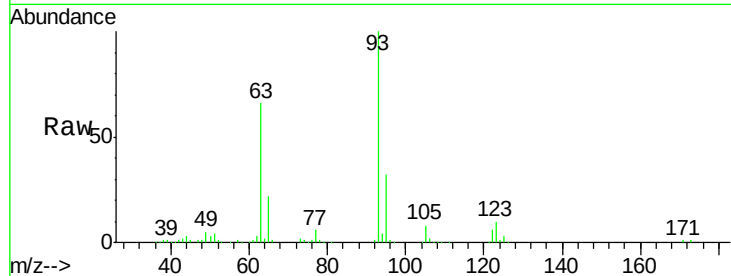
Instrument :

BNA_F

ClientSampleId :

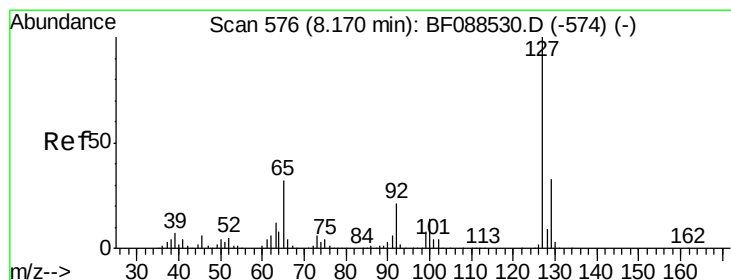
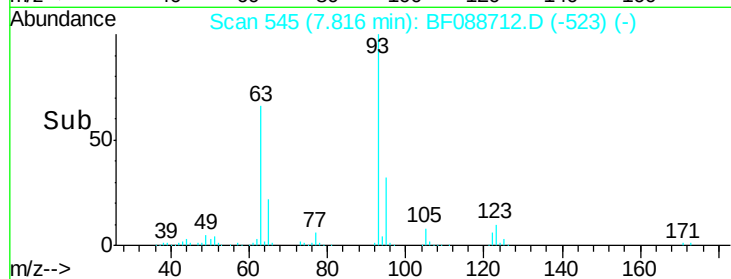
PB91868BS

Tot Ion:	122	Resp:	50050
Ion	Ratio	Lower	Upper
122	100		
105	130.2	101.6	141.6
77	101.1	70.6	110.6



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#33

4-Chloroaniline

Concen: 22.68 ng

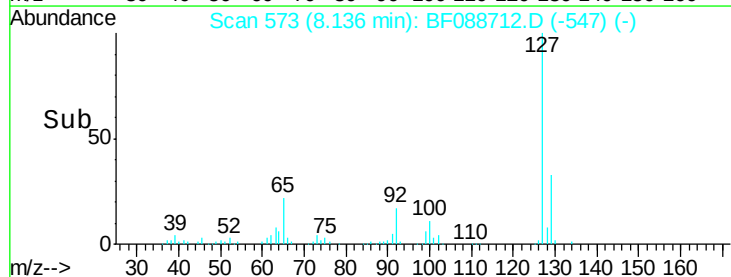
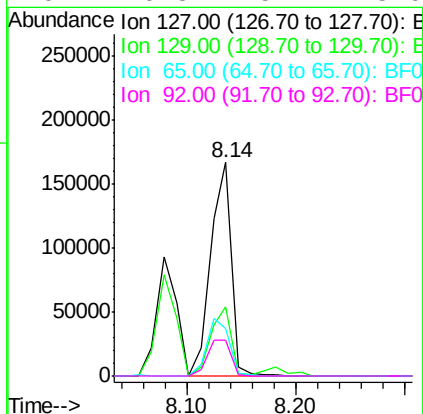
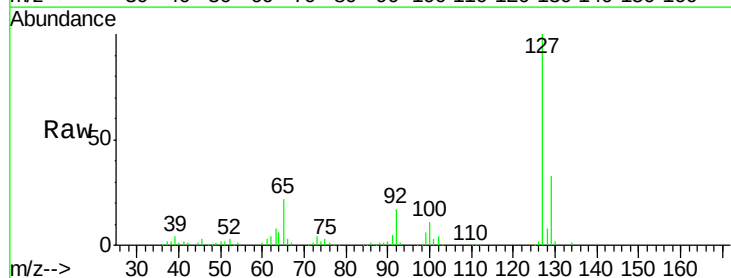
RT: 8.14 min Scan# 573

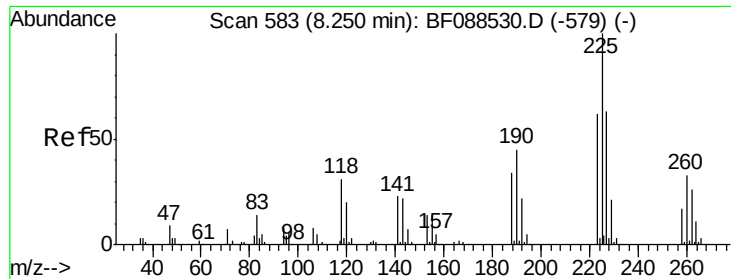
Delta R.T. 0.00 min

Lab File: BF088712.D

Acq: 5 Jul 2016 19:41

Tgt Ion:	127	Resp:	221749
Ion	Ratio	Lower	Upper
127	100		
129	32.7	26.3	39.5
65	22.1	24.7	37.1#
92	16.8	15.4	23.0





#34

Hexachlorobutadiene

Concen: 41.07 ng

RT: 8.20 min Scan# 579

Delta R.T. 0.00 min

Lab File: BF088712.D

Acq: 5 Jul 2016 19:41

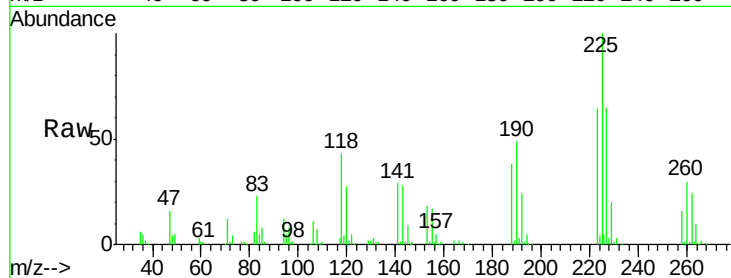
Instrument :

BNA_F

ClientSampleId :

PB91868BS

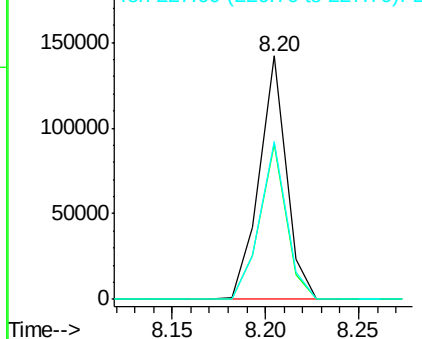
Tot Ion:	225	Resp:	142867
Ion	Ratio	Lower	Upper
225	100		
223	63.8	50.9	76.3
227	64.9	51.9	77.9



Abundance Ion 225.00 (224.70 to 225.70): E

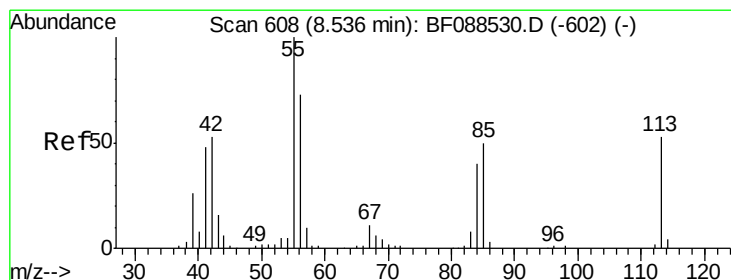
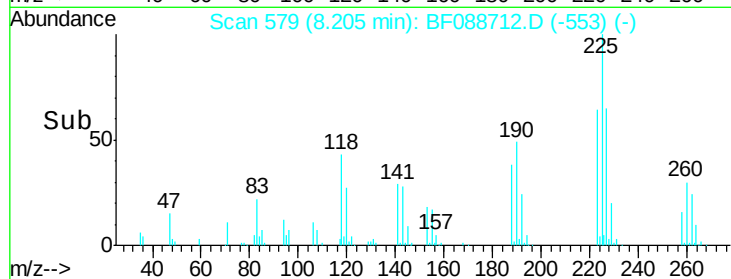
Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E



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#35

Caprolactam

Concen: 44.39 ng m

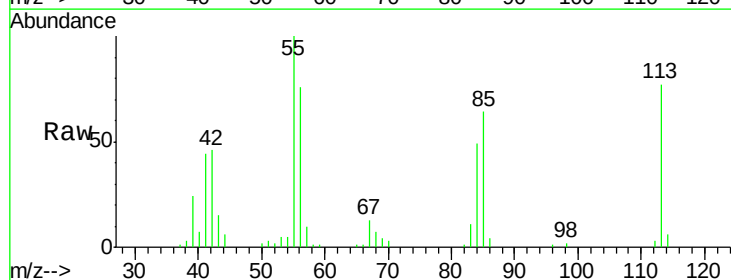
RT: 8.51 min Scan# 606

Delta R.T. 0.00 min

Lab File: BF088712.D

Acq: 5 Jul 2016 19:41

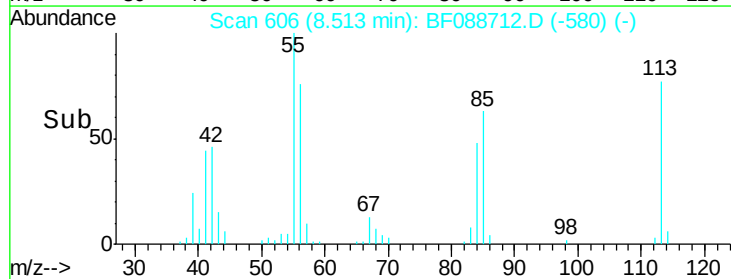
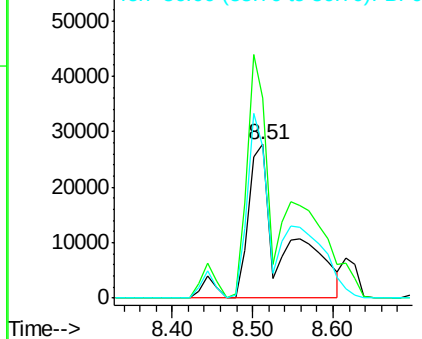
Tgt Ion:	113	Resp:	89262
Ion	Ratio	Lower	Upper
113	100		
55	129.8	158.6	198.6#
56	98.2	110.6	150.6#

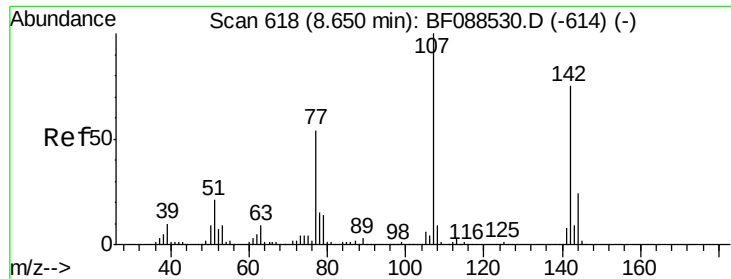


Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0

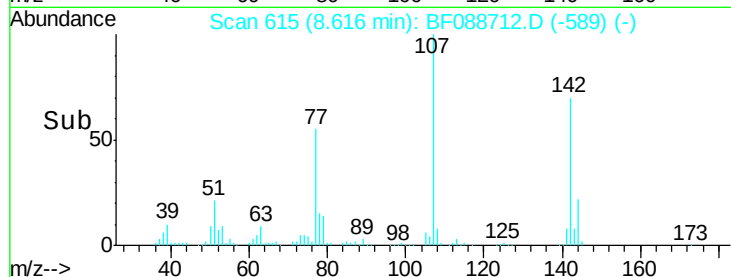
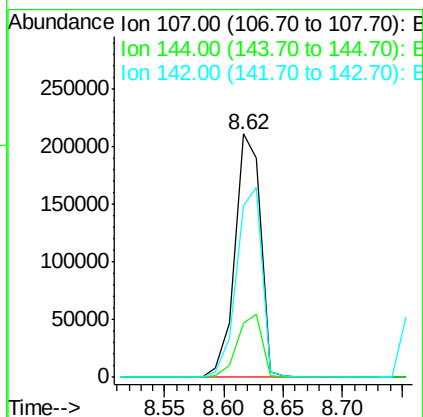
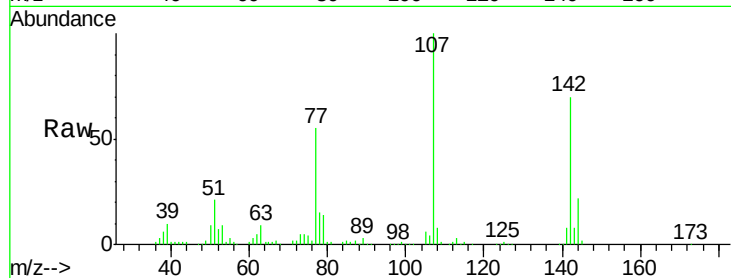




#36
4-Chloro-3-methylphenol
Concen: 45.32 ng
RT: 8.62 min Scan# 615
Delta R.T. 0.00 min
Lab File: BF088712.D
Acq: 5 Jul 2016 19:41

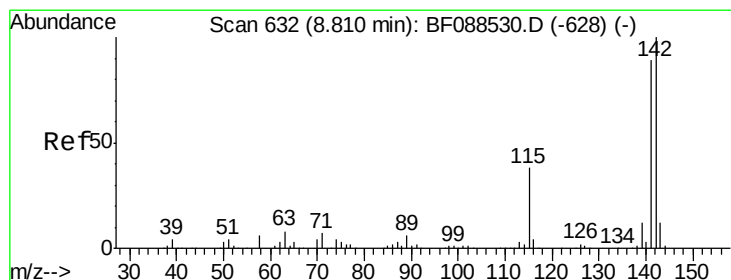
Instrument :
BNA_F
ClientSampleId :
PB91868BS

Tot Ion	Ratio	Lower	Upper
107	100		
144	22.1	20.8	31.2
142	70.4	63.4	95.2



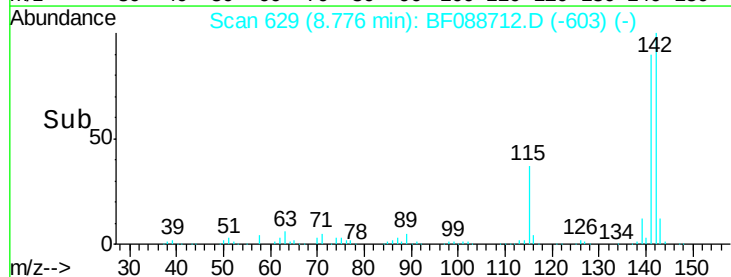
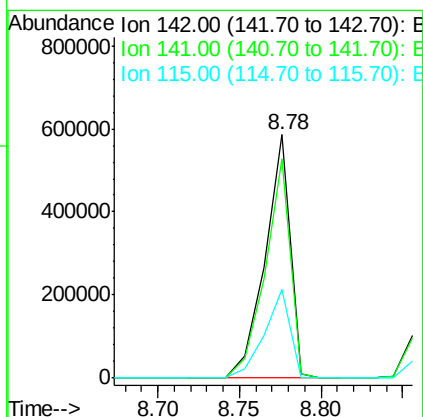
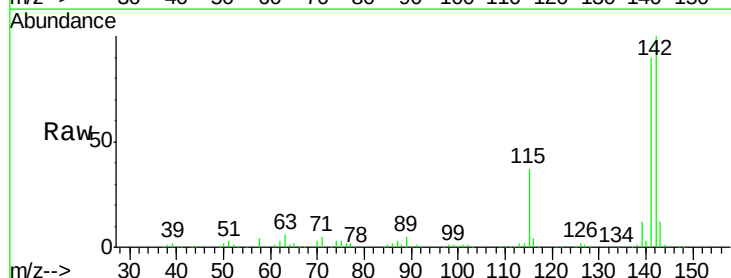
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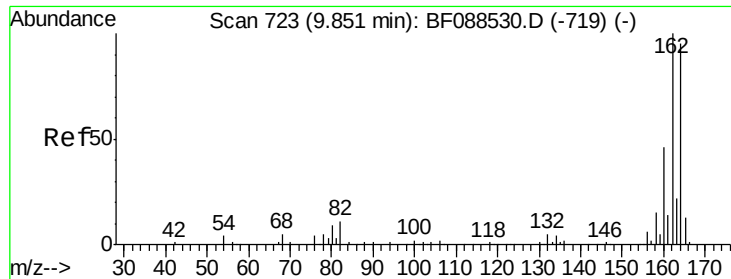
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#37
2-Methylnaphthalene
Concen: 44.42 ng
RT: 8.78 min Scan# 629
Delta R.T. 0.00 min
Lab File: BF088712.D
Acq: 5 Jul 2016 19:41

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.2	71.0	106.6
115	36.6	22.6	33.8

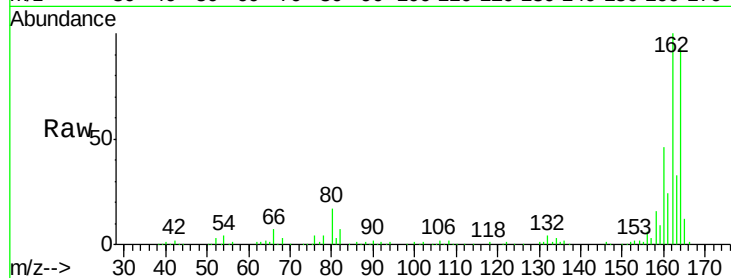




#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.82 min Scan# 720
Delta R.T. 0.00 min
Lab File: BF088712.D
Acq: 5 Jul 2016 19:41

Instrument :
BNA_F
ClientSampleId :
PB91868BS

Tot Ion	Ratio	Lower	Upper
164	100		
162	107.2	85.4	128.2
160	48.8	39.5	59.3

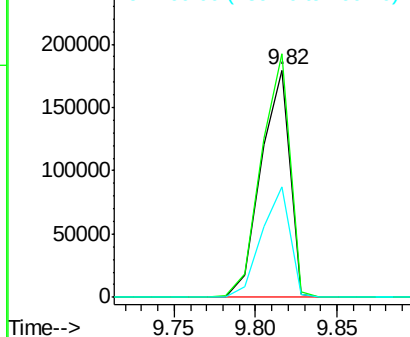


Abundance

Ion 164.00 (163.70 to 164.70): E

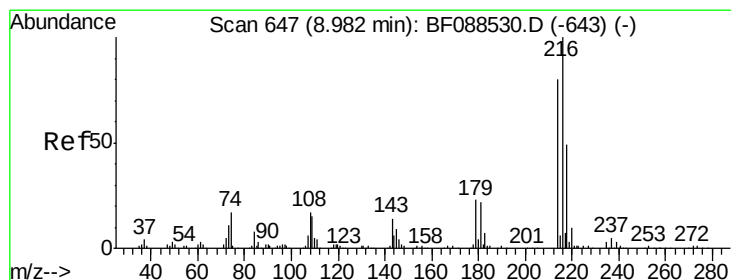
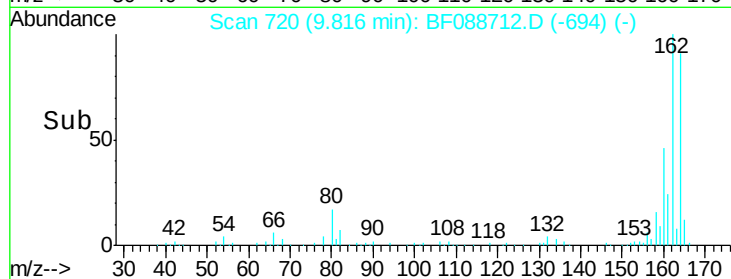
Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



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#39
1,2,4,5-Tetrachlorobenzene
Concen: 33.30 ng
RT: 8.95 min Scan# 644
Delta R.T. 0.00 min
Lab File: BF088712.D
Acq: 5 Jul 2016 19:41

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.4	2.9	4.3#
179	22.7	0.0	0.0#
108	23.0	0.5	0.7#

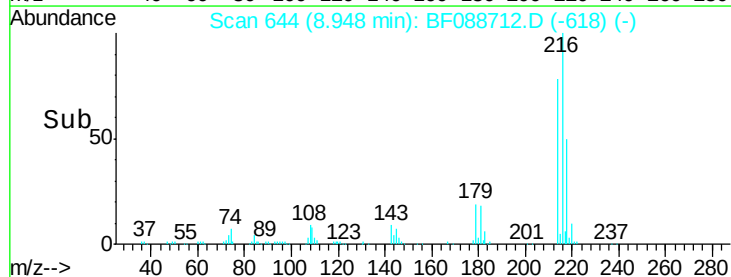
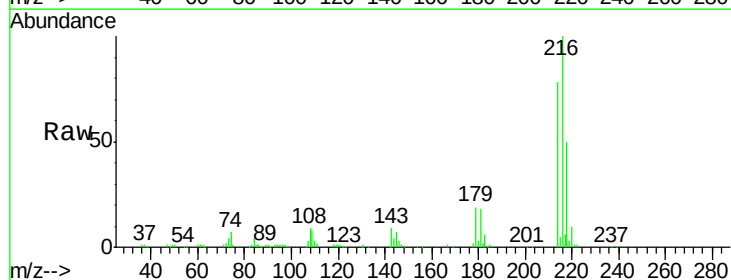
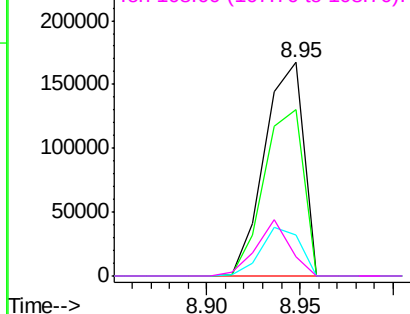
Abundance

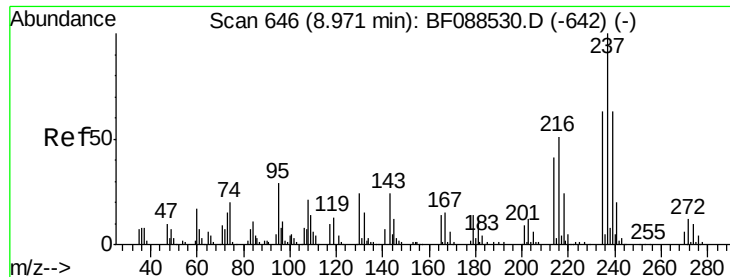
Ion 216.00 (215.70 to 216.70): E

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

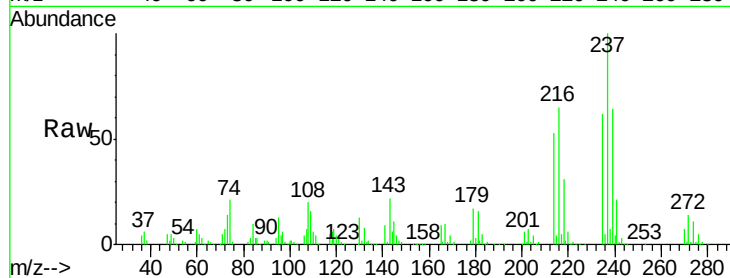




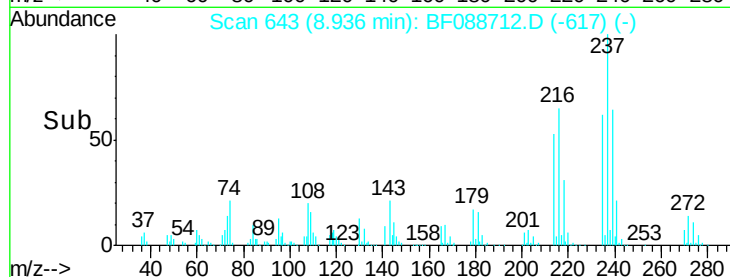
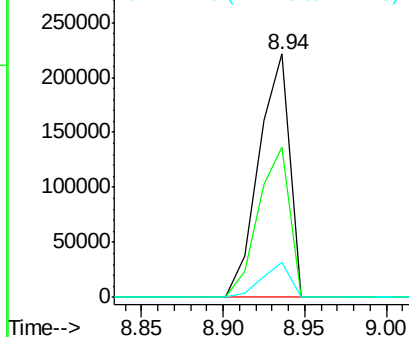
#40
Hexachlorocyclopentadiene
Concen: 80.57 ng
RT: 8.94 min Scan# 643
Delta R.T. 0.00 min
Lab File: BF088712.D
Acq: 5 Jul 2016 19:41

Instrument :
BNA_F
ClientSampleId :
PB91868BS

Tot Ion	Ratio	Lower	Upper
237	100		
235	61.9	43.4	83.4
272	14.3	0.0	32.3

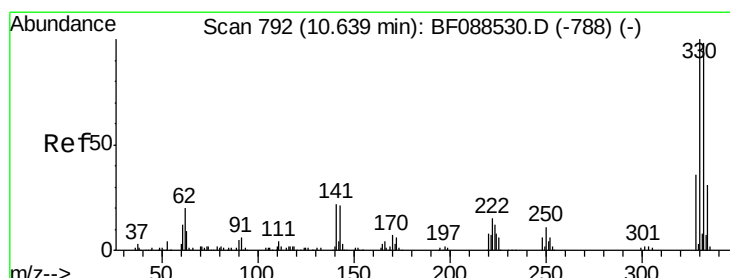


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



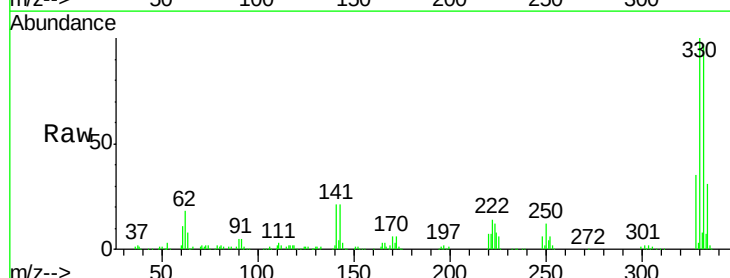
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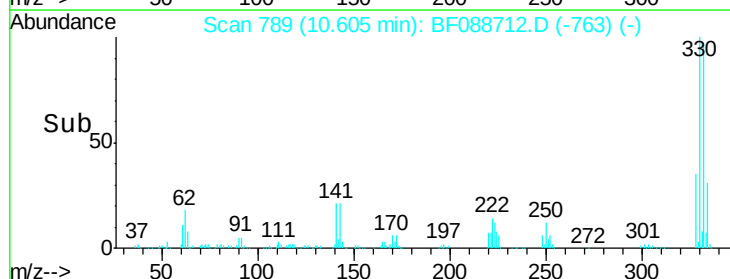
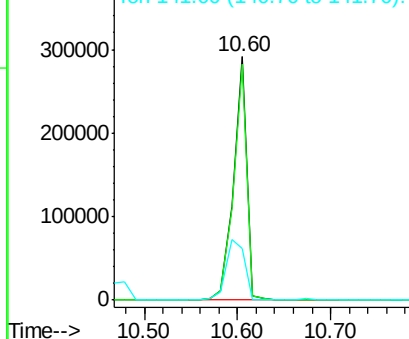


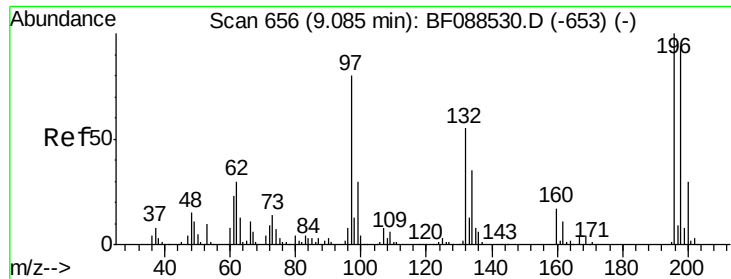
#41
2,4,6-Tribromophenol
Concen: 143.71 ng
RT: 10.60 min Scan# 789
Delta R.T. 0.00 min
Lab File: BF088712.D
Acq: 5 Jul 2016 19:41

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.8	0.0	0.0#
141	34.6	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

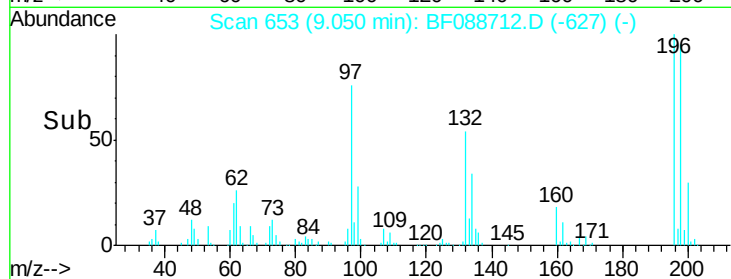
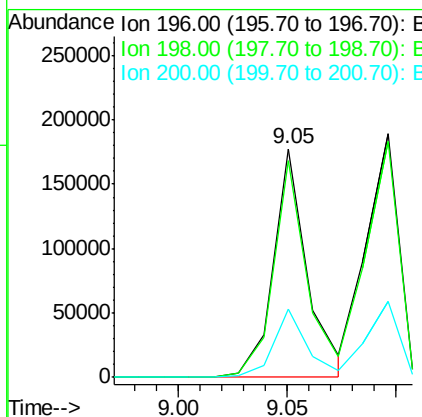
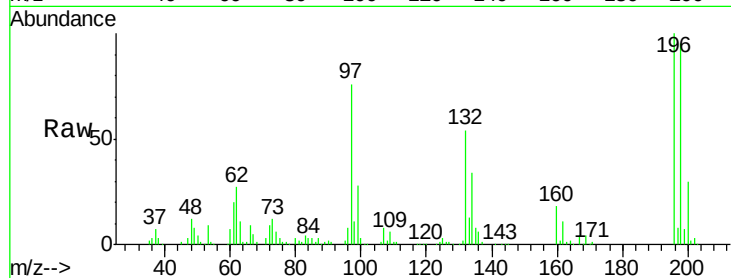




#42
 2,4,6-Trichlorophenol
 Concen: 40.32 ng
 RT: 9.05 min Scan# 653
 Delta R.T. 0.00 min
 Lab File: BF088712.D
 Acq: 5 Jul 2016 19:41

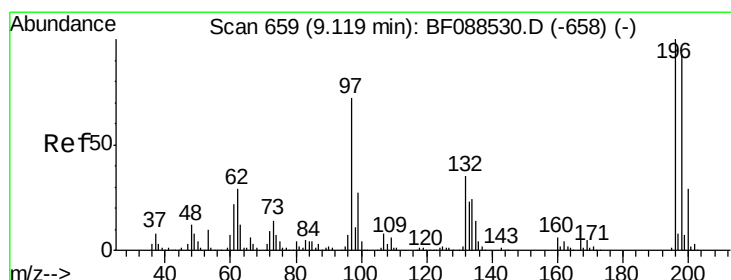
Instrument :
 BNA_F
 ClientSampled :
 PB91868BS

Tot Ion	Ratio	Lower	Upper
196	100		
198	94.6	78.0	117.0
200	30.1	25.4	38.2



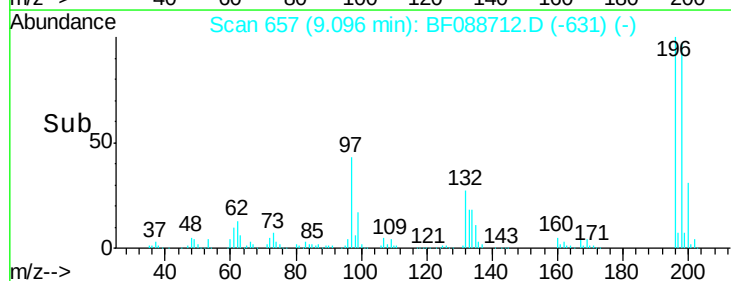
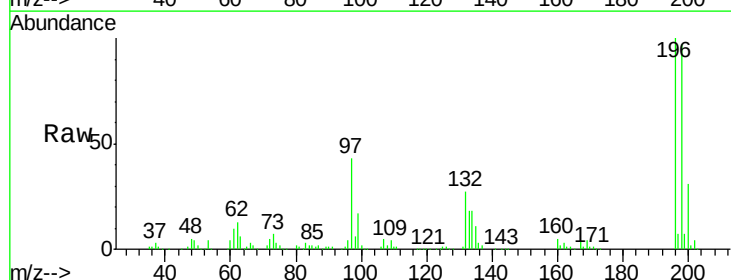
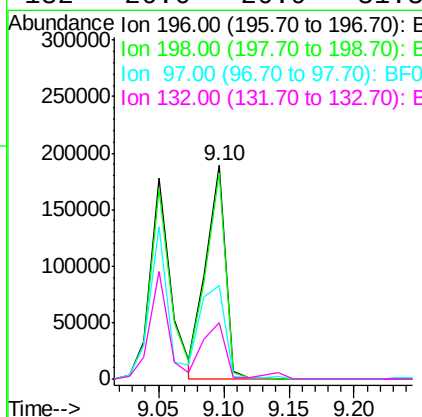
sohil

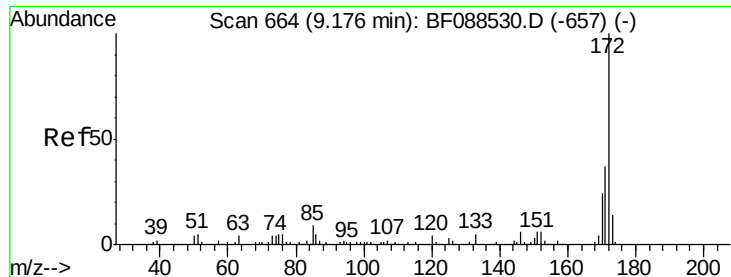
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#43
 2,4,5-Trichlorophenol
 Concen: 47.95 ng
 RT: 9.10 min Scan# 657
 Delta R.T. 0.00 min
 Lab File: BF088712.D
 Acq: 5 Jul 2016 19:41

Tgt Ion	Ratio	Lower	Upper
196	100		
198	96.7	77.5	116.3
97	43.5	32.0	48.0
132	26.6	20.9	31.3





#44

2-Fluorobiphenyl

Concen: 87.37 ng

RT: 9.14 min Scan# 661

Delta R.T. 0.00 min

Lab File: BF088712.D

Acq: 5 Jul 2016 19:41

Instrument :

BNA_F

ClientSampleId :

PB91868BS

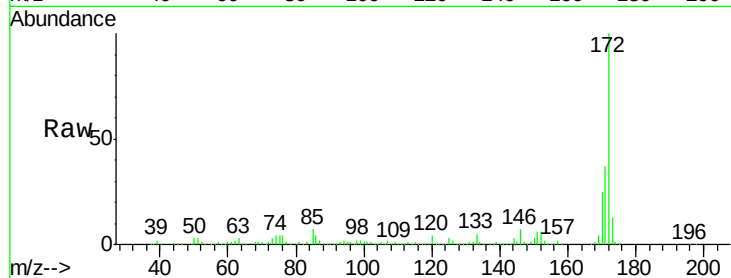
Tot Ion:172 Resp: 1214436

Ion Ratio Lower Upper

172 100

171 36.8 28.6 43.0

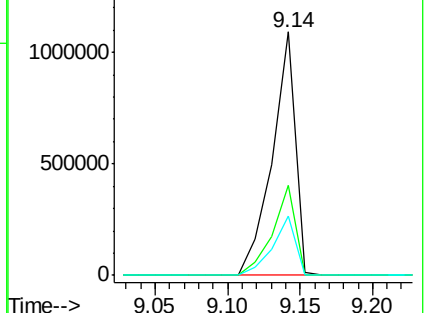
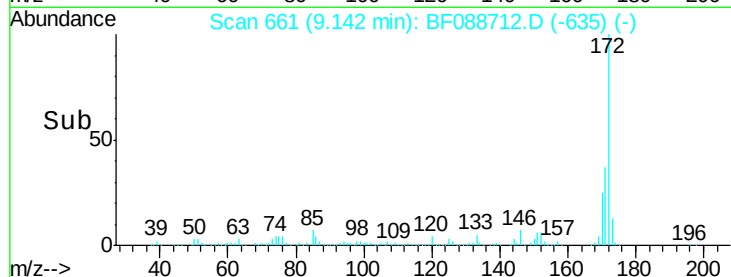
170 24.5 19.2 28.8



Abundance Ion 172.00 (171.70 to 172.70): E

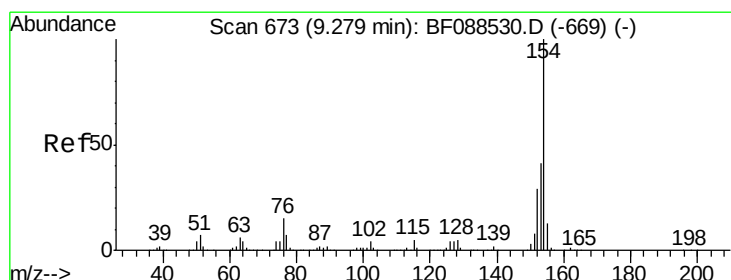
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



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#45

1,1'-Biphenyl

Concen: 39.16 ng

RT: 9.23 min Scan# 669

Delta R.T. -0.01 min

Lab File: BF088712.D

Acq: 5 Jul 2016 19:41

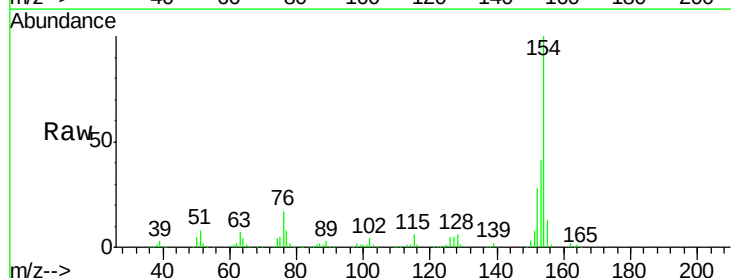
Tgt Ion:154 Resp: 712056

Ion Ratio Lower Upper

154 100

153 40.5 20.6 60.6

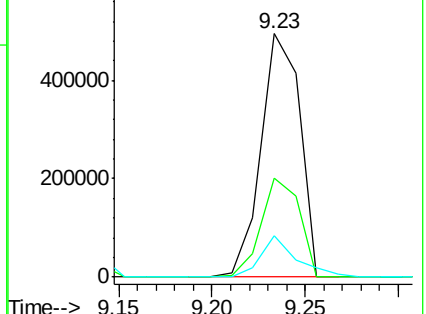
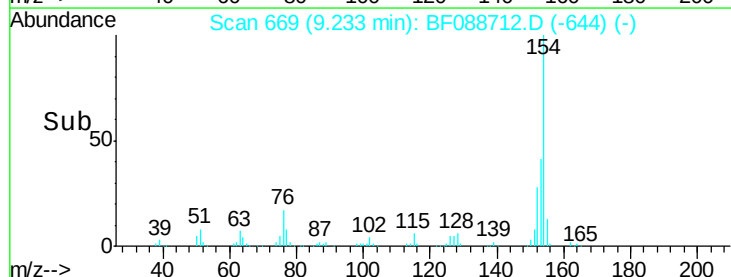
76 17.2 0.0 35.1

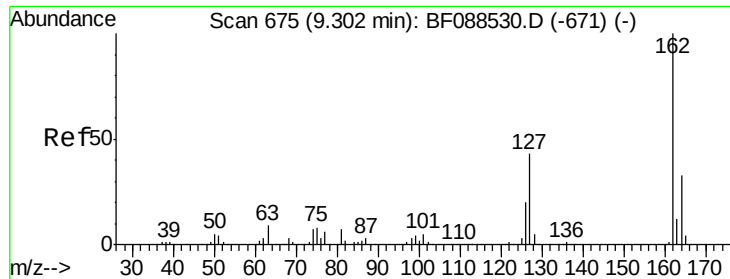


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0

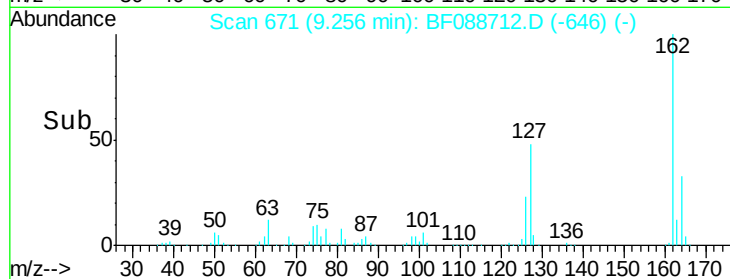
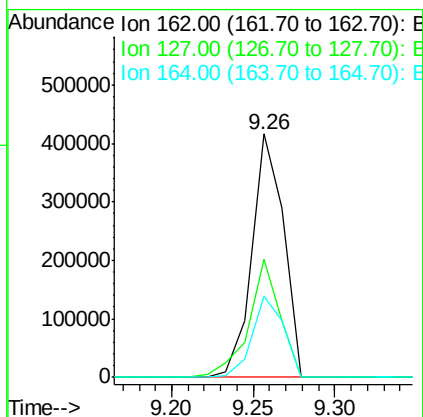
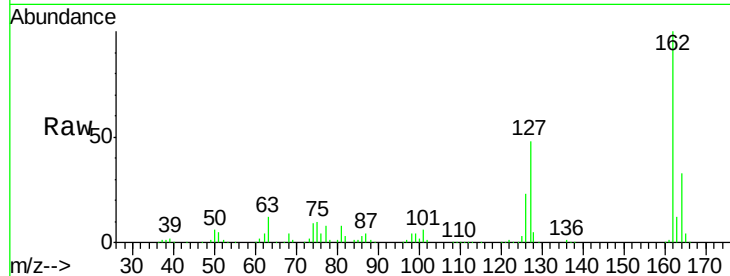




#46
 2-Chloronaphthalene
 Concen: 39.00 ng
 RT: 9.26 min Scan# 671
 Delta R.T. -0.01 min
 Lab File: BF088712.D
 Acq: 5 Jul 2016 19:41

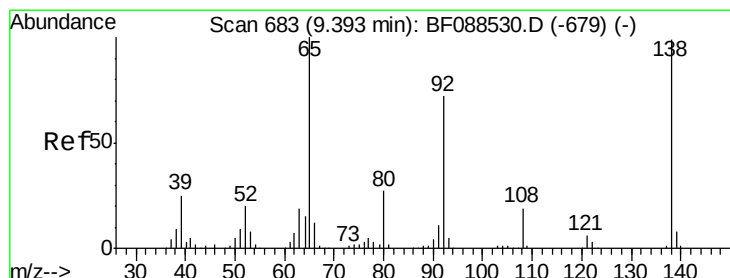
Instrument :
 BNA_F
 ClientSampleId :
 PB91868BS

Tot Ion:	162	Resp:	556722
Ion	Ratio	Lower	Upper
162	100		
127	48.3	35.2	52.8
164	33.2	26.6	39.8



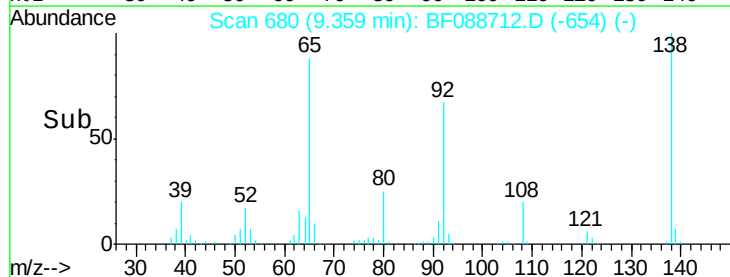
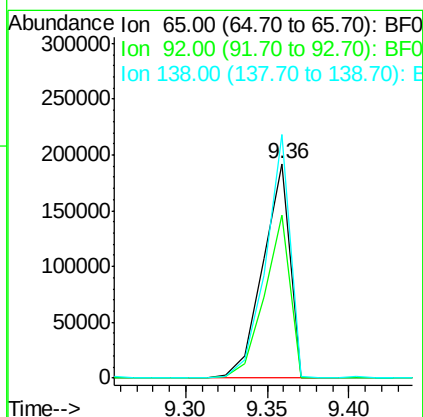
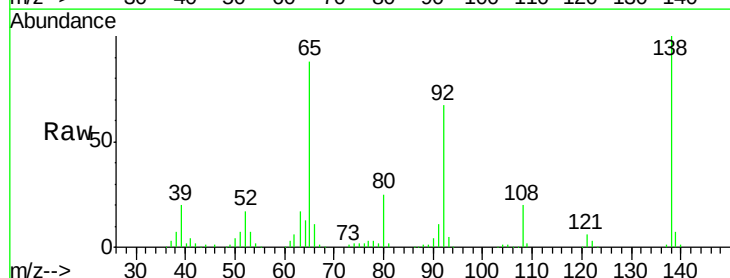
sohil

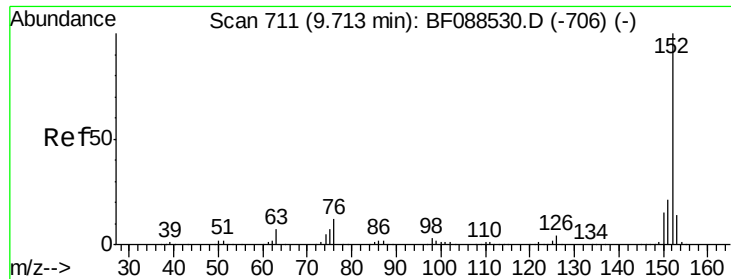
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#47
 2-Nitroaniline
 Concen: 43.69 ng
 RT: 9.36 min Scan# 680
 Delta R.T. 0.00 min
 Lab File: BF088712.D
 Acq: 5 Jul 2016 19:41

Tgt Ion:	65	Resp:	221287
Ion	Ratio	Lower	Upper
65	100		
92	76.1	54.6	82.0
138	113.4	77.0	115.4





#48

Acenaphthylene

Concen: 42.18 ng

RT: 9.68 min Scan# 708

Delta R.T. 0.00 min

Lab File: BF088712.D

Acq: 5 Jul 2016 19:41

Instrument :

BNA_F

ClientSampleId :

PB91868BS

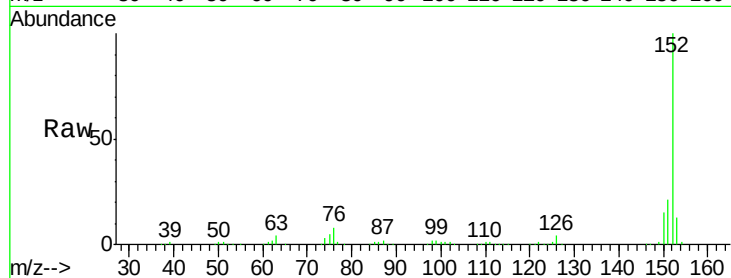
Tot Ion:152 Resp: 958032

Ion Ratio Lower Upper

152 100

151 20.6 16.2 24.4

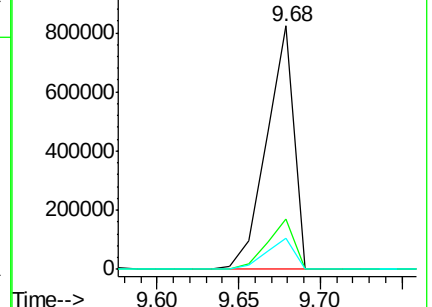
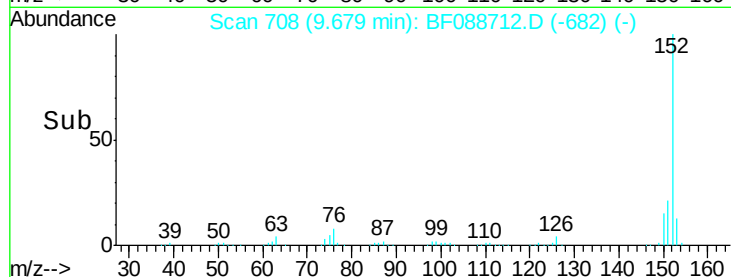
153 13.0 11.0 16.6



Abundance Ion 152.00 (151.70 to 152.70): E

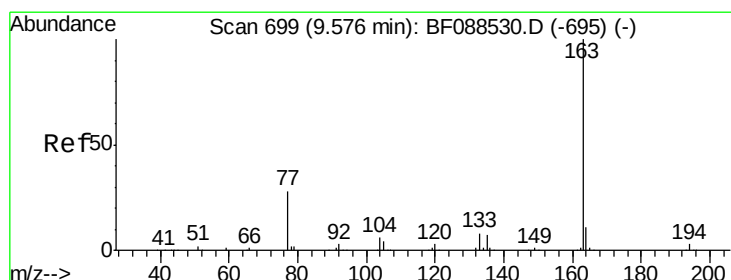
Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



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#49

Dimethylphthalate

Concen: 42.22 ng

RT: 9.54 min Scan# 696

Delta R.T. 0.00 min

Lab File: BF088712.D

Acq: 5 Jul 2016 19:41

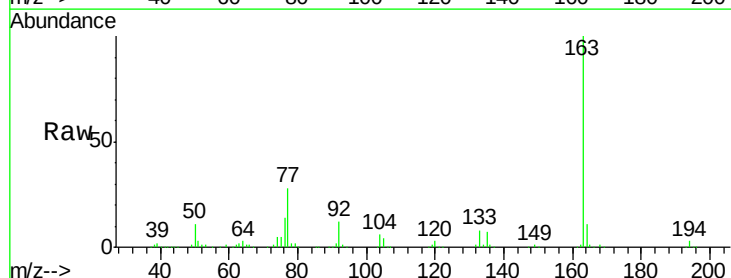
Tgt Ion:163 Resp: 660492

Ion Ratio Lower Upper

163 100

194 3.2 2.8 4.2

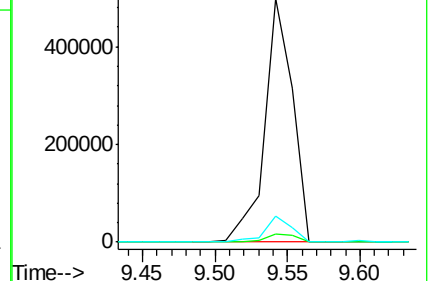
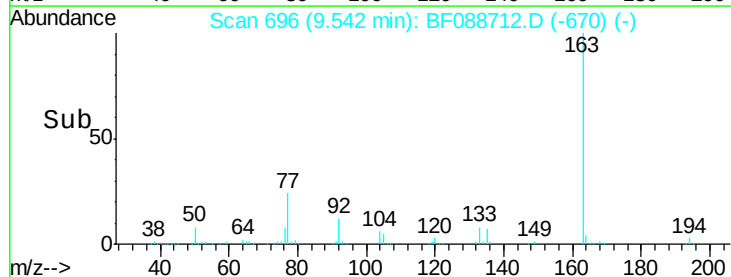
164 10.6 8.3 12.5

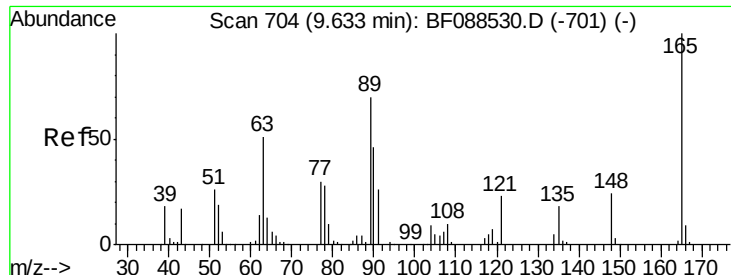


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

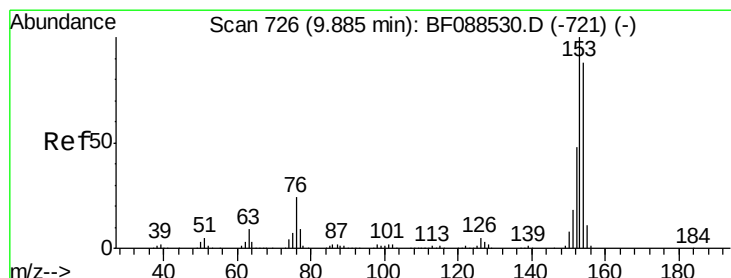
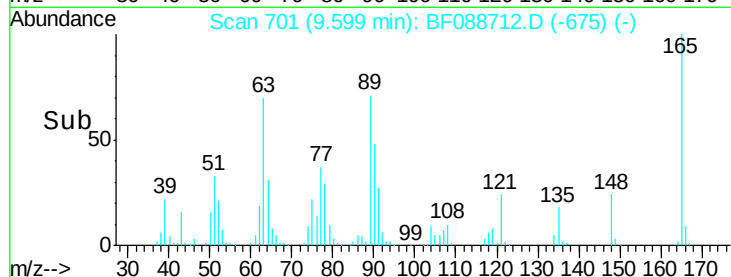
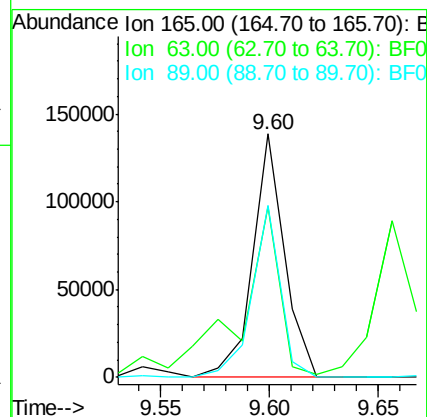
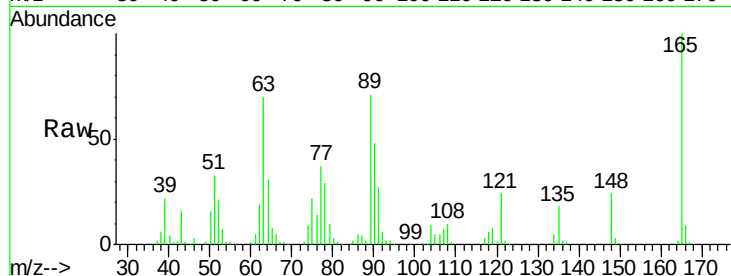




#50
2,6-Dinitrotoluene
Concen: 40.59 ng
RT: 9.60 min Scan# 701
Delta R.T. 0.00 min
Lab File: BF088712.D
Acq: 5 Jul 2016 19:41

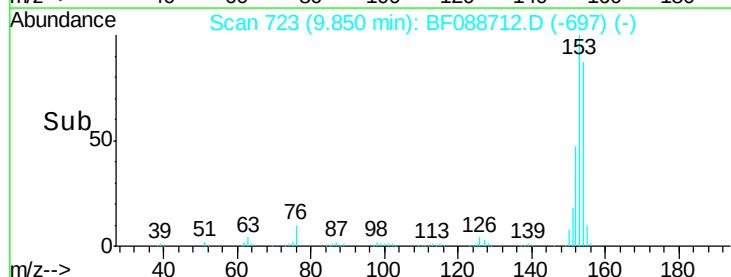
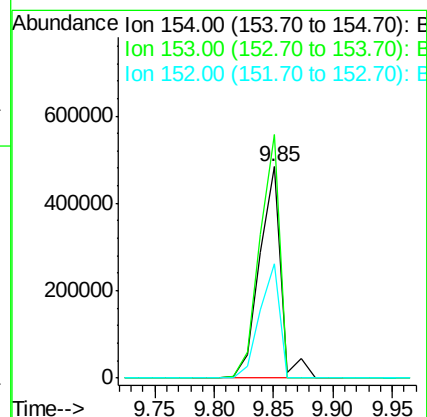
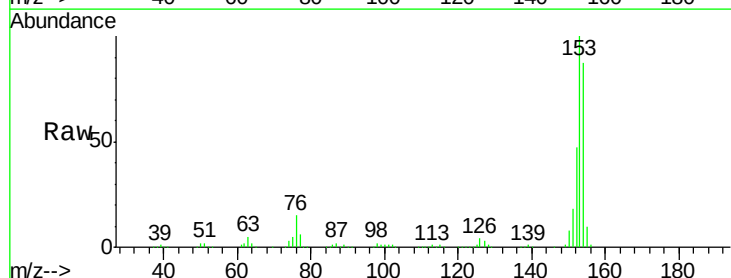
Instrument :
BNA_F
ClientSampleId :
PB91868BS

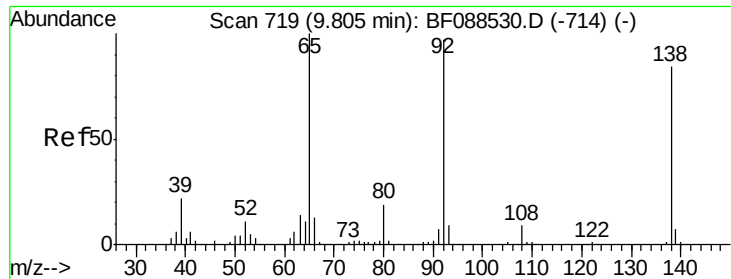
Tot Ion	Ratio	Lower	Upper
165	100		
63	70.3	28.1	42.1#
89	70.7	32.2	48.2#



#51
Acenaphthene
Concen: 43.72 ng
RT: 9.85 min Scan# 723
Delta R.T. 0.00 min
Lab File: BF088712.D
Acq: 5 Jul 2016 19:41

Tgt Ion	Ratio	Lower	Upper
154	100		
153	115.3	89.5	134.3
152	54.4	42.7	64.1

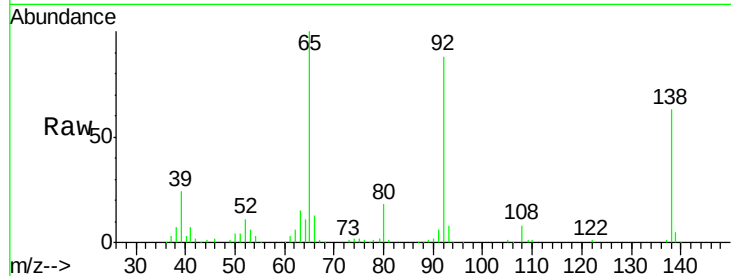




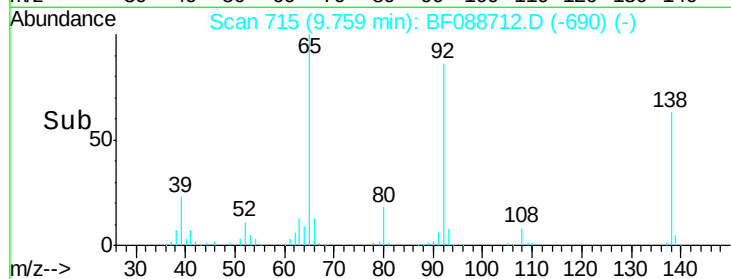
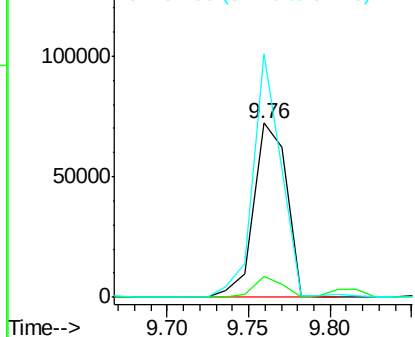
#52
3-Nitroaniline
Concen: 22.92 ng
RT: 9.76 min Scan# 715
Delta R.T. -0.01 min
Lab File: BF088712.D
Acq: 5 Jul 2016 19:41

Instrument :
BNA_F
ClientSampleId :
PB91868BS

Tot Ion:138 Resp: 100994
Ion Ratio Lower Upper
138 100
108 12.2 8.5 12.7
92 140.0 95.7 143.5

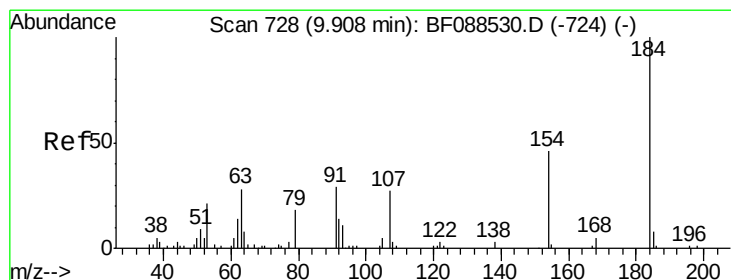


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): E



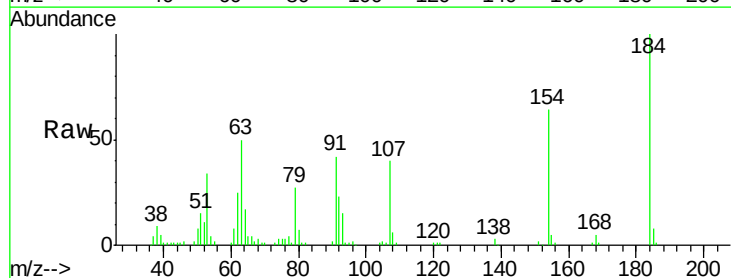
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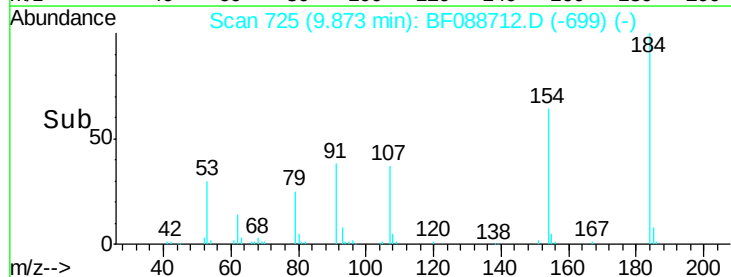
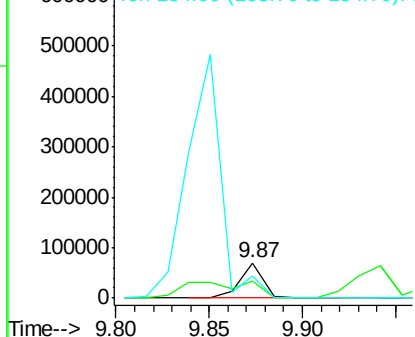


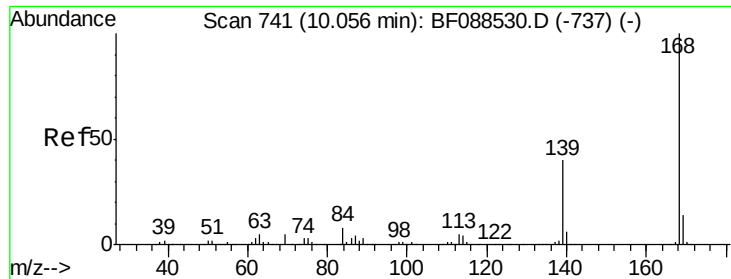
#53
2,4-Dinitrophenol
Concen: 39.02 ng
RT: 9.87 min Scan# 725
Delta R.T. 0.00 min
Lab File: BF088712.D
Acq: 5 Jul 2016 19:41

Tgt Ion:184 Resp: 59724
Ion Ratio Lower Upper
184 100
63 50.0 57.6 86.4#
154 63.9 53.5 80.3



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

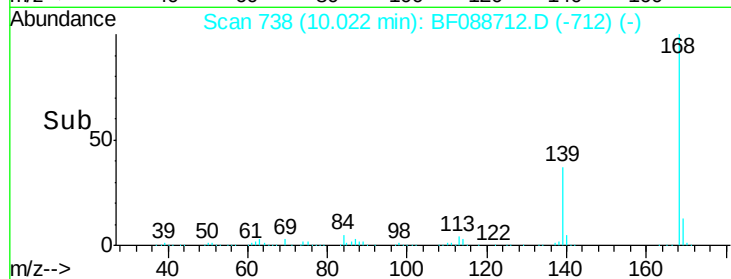
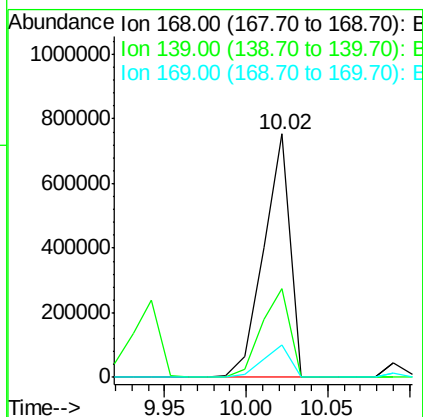
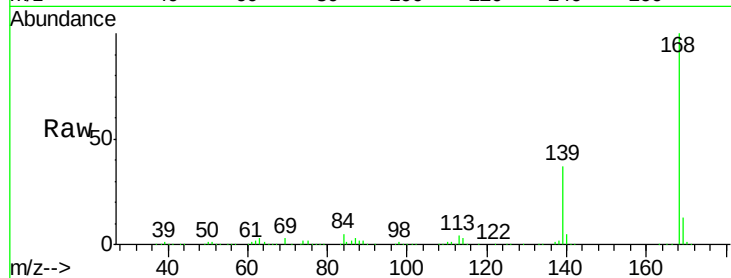




#54
Dibenzenofuran
Concen: 46.17 ng
RT: 10.02 min Scan# 738
Delta R.T. 0.00 min
Lab File: BF088712.D
Acq: 5 Jul 2016 19:41

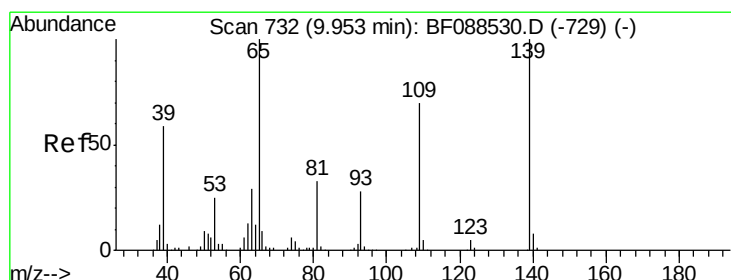
Instrument :
BNA_F
ClientSampleId :
PB91868BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	36.5	26.4	39.6
169	13.1	10.4	15.6



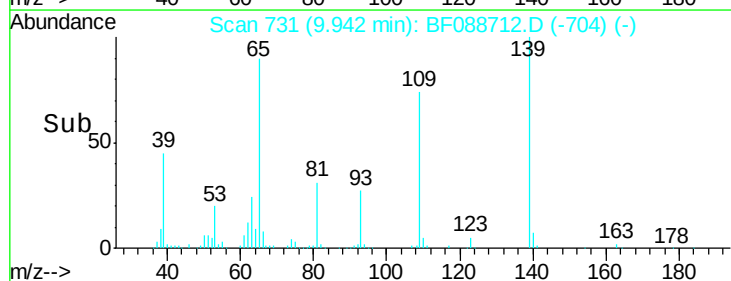
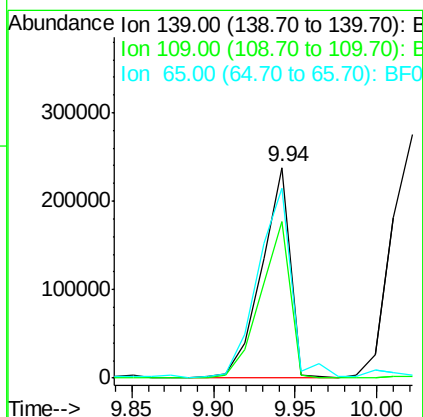
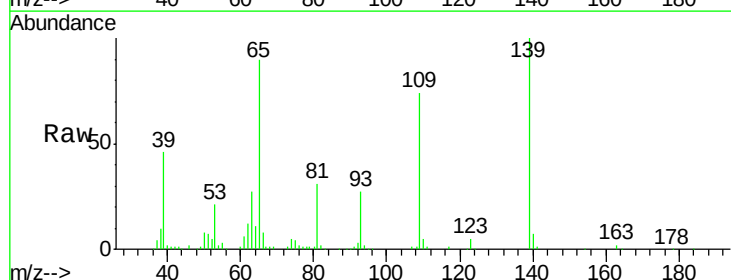
sohil

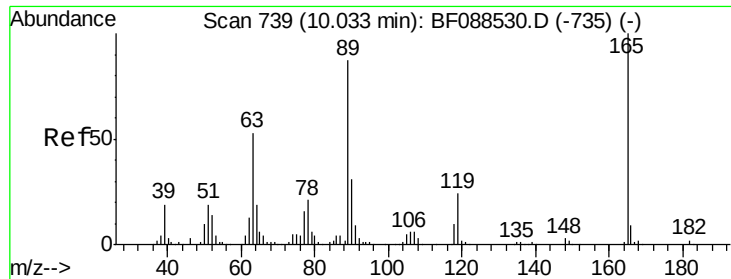
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#55
4-Nitrophenol
Concen: 86.96 ng
RT: 9.94 min Scan# 731
Delta R.T. 0.01 min
Lab File: BF088712.D
Acq: 5 Jul 2016 19:41

Tgt Ion	Ratio	Lower	Upper
139	100		
109	74.3	48.9	88.9
65	90.0	84.9	124.9





#56

2,4-Dinitrotoluene

Concen: 45.21 ng

RT: 10.00 min Scan# 736

Delta R.T. 0.00 min

Lab File: BF088712.D

Acq: 5 Jul 2016 19:41

Instrument :

BNA_F

ClientSampleId :

PB91868BS

Tot Ion:165 Resp: 204933

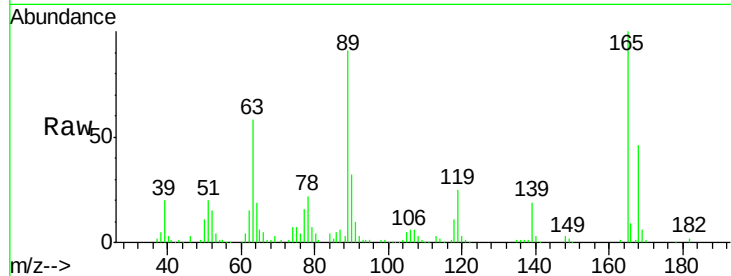
Ion Ratio Lower Upper

165 100

63 57.6 22.0 33.0#

89 90.6 41.1 61.7#

182 2.3 2.0 3.0

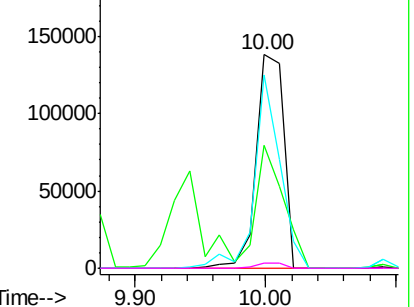


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

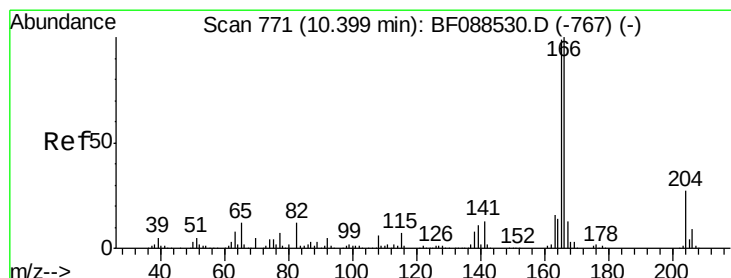
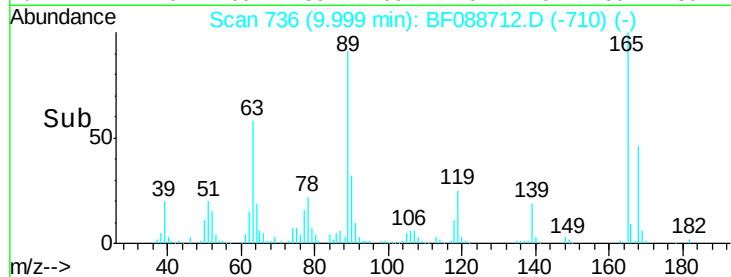
Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



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#57

Fluorene

Concen: 41.64 ng

RT: 10.35 min Scan# 767

Delta R.T. -0.01 min

Lab File: BF088712.D

Acq: 5 Jul 2016 19:41

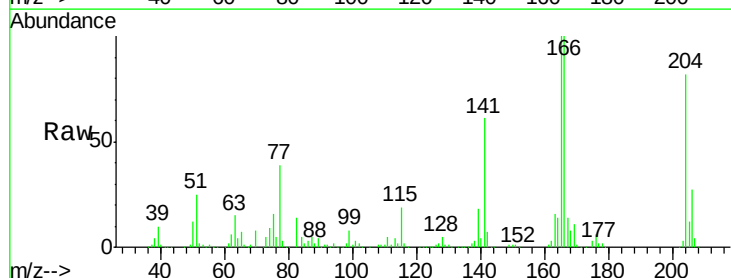
Tgt Ion:166 Resp: 584683

Ion Ratio Lower Upper

166 100

165 100.1 77.8 116.8

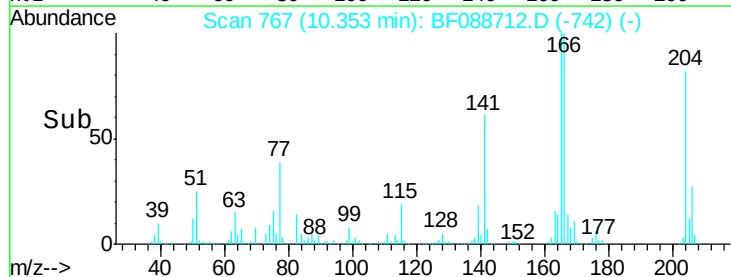
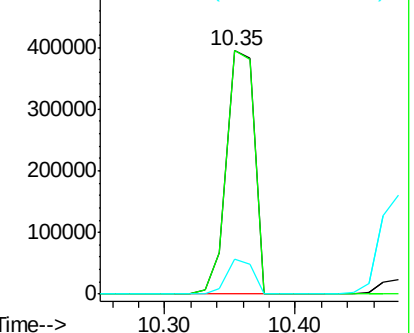
167 14.2 11.2 16.8

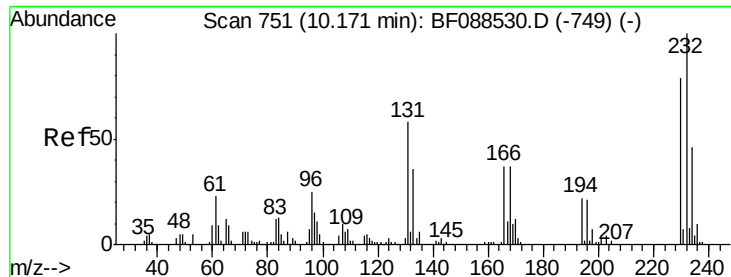


Abundance Ion 166.00 (165.70 to 166.70): E

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: 48.58 ng

RT: 10.14 min Scan# 748

Delta R.T. 0.00 min

Lab File: BF088712.D

Acq: 5 Jul 2016 19:41

Instrument :

BNA_F

ClientSampleId :

PB91868BS

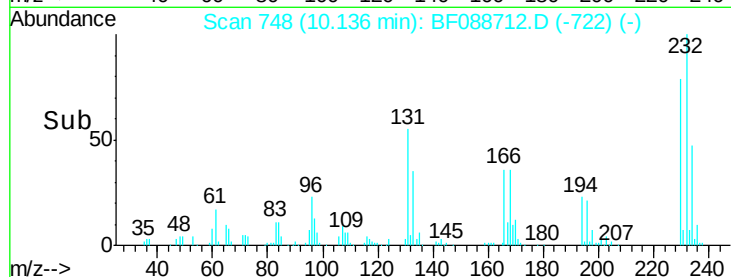
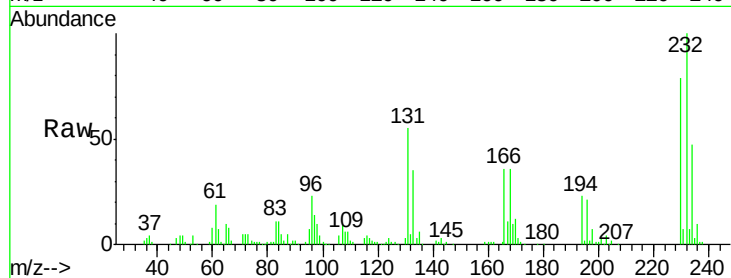
Tot Ion:232 Resp: 155705
Ion Ratio Lower Upper

232 100

131 56.7 0.9 1.3#

130 2.7 1.5 2.3#

166 36.7 0.5 0.7#

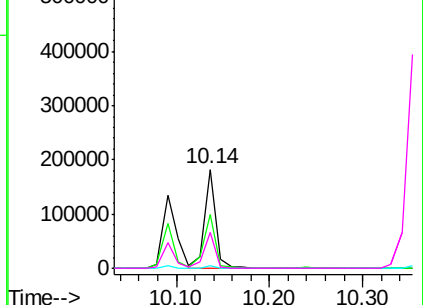


Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

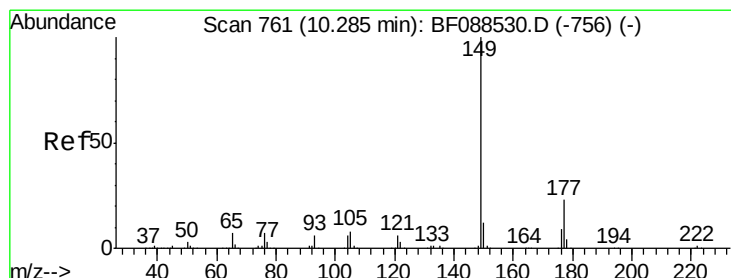
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



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#59

Diethylphthalate

Concen: 42.37 ng

RT: 10.24 min Scan# 757

Delta R.T. 0.00 min

Lab File: BF088712.D

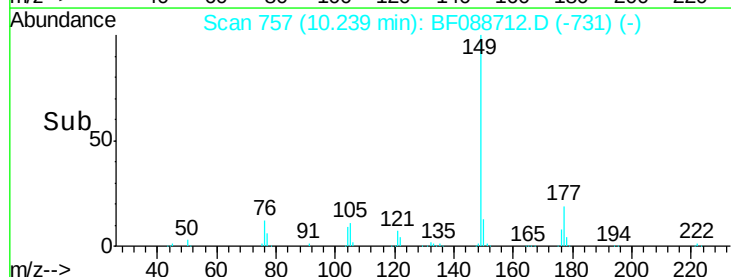
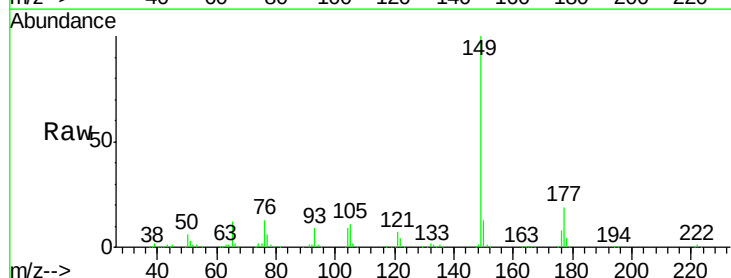
Acq: 5 Jul 2016 19:41

Tgt Ion:149 Resp: 665150
Ion Ratio Lower Upper

149 100

177 19.4 16.9 25.3

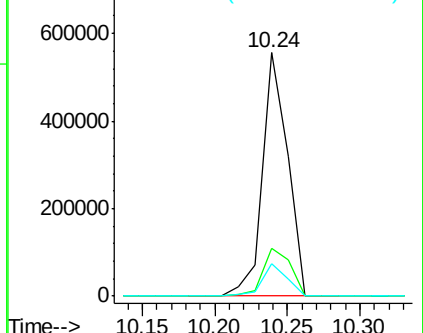
150 13.1 10.1 15.1

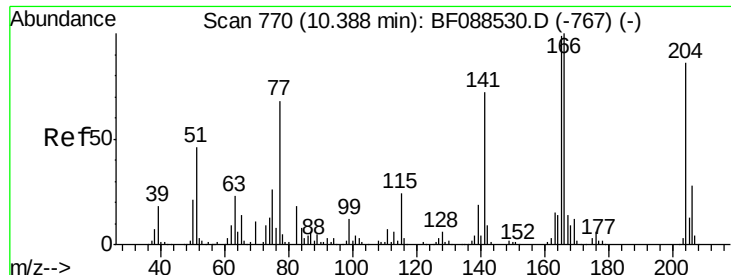


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

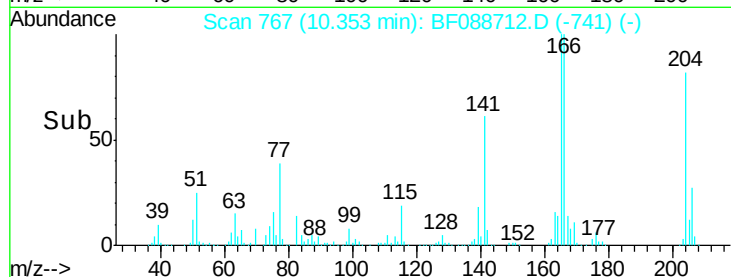
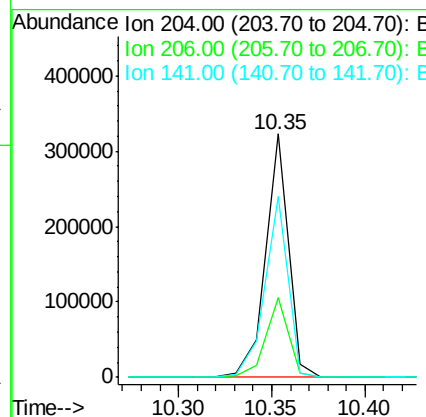
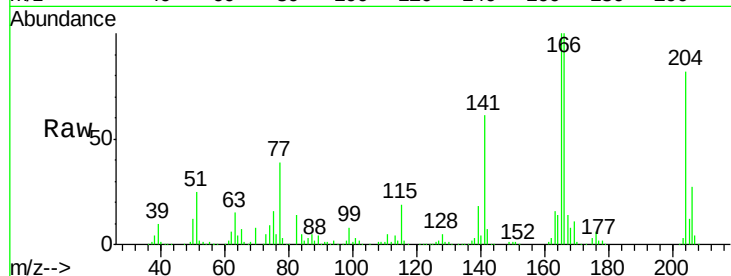




#60
 4-Chlorophenyl-phenylether
 Concen: 41.40 ng
 RT: 10.35 min Scan# 767
 Delta R.T. 0.00 min
 Lab File: BF088712.D
 Acq: 5 Jul 2016 19:41

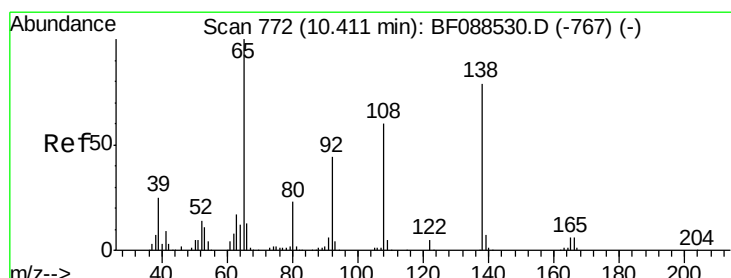
Instrument :
 BNA_F
 ClientSampleId :
 PB91868BS

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.6	26.3	39.5
141	74.1	55.0	82.6



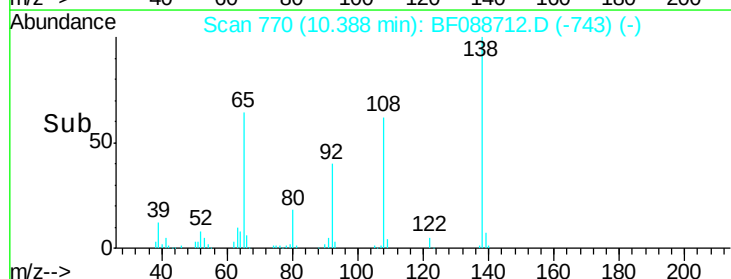
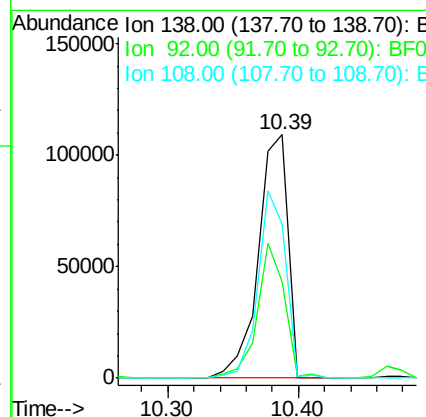
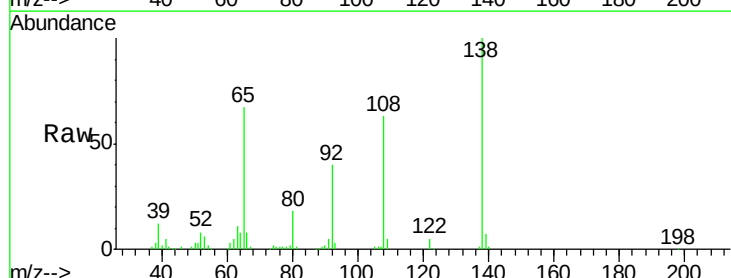
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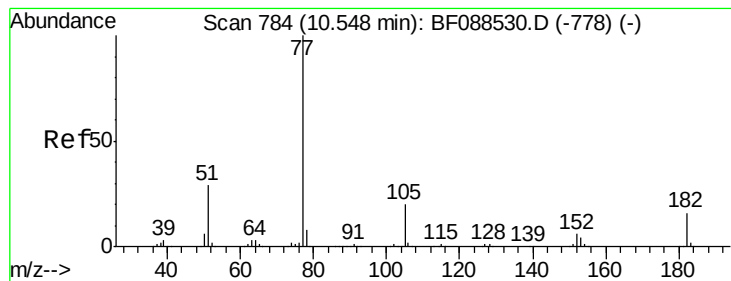
7/6/2016 7:19:20 PM



#61
 4-Nitroaniline
 Concen: 40.91 ng
 RT: 10.39 min Scan# 770
 Delta R.T. 0.01 min
 Lab File: BF088712.D
 Acq: 5 Jul 2016 19:41

Tgt Ion	Ratio	Lower	Upper
138	100		
92	39.6	27.3	67.3
108	63.1	46.7	86.7





#62

Azobenzene

Concen: 45.83 ng

RT: 10.51 min Scan# 781

Delta R.T. 0.00 min

Lab File: BF088712.D

Acq: 5 Jul 2016 19:41

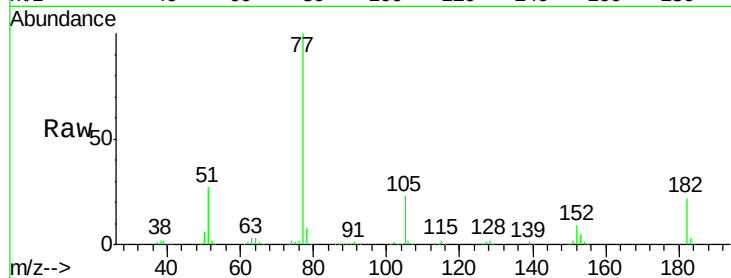
Instrument :

BNA_F

ClientSampleId :

PB91868BS

Tot Ion:	77	Resp:	820590
Ion	Ratio	Lower	Upper
77	100		
182	22.3	4.4	44.4
105	22.6	3.8	43.8
51	27.0	9.3	49.3

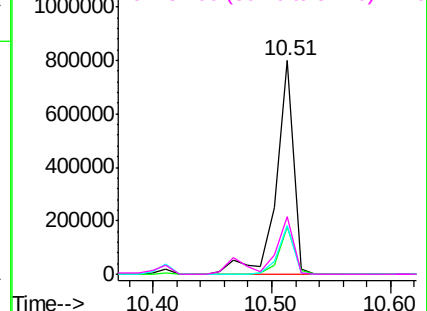
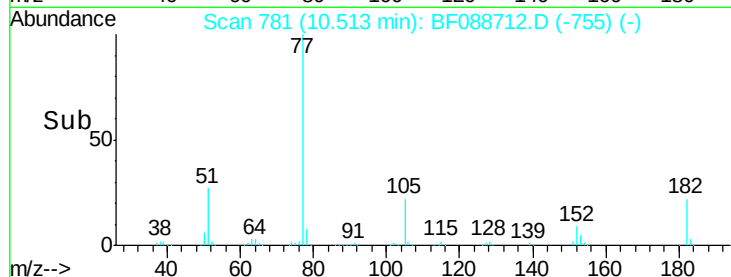


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

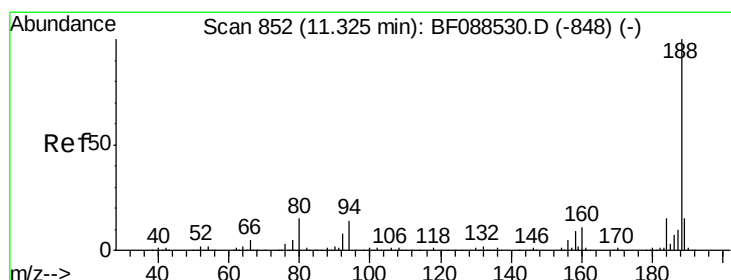
Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0



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#63

Phenanthrene-d10

Concen: 20.00 ng

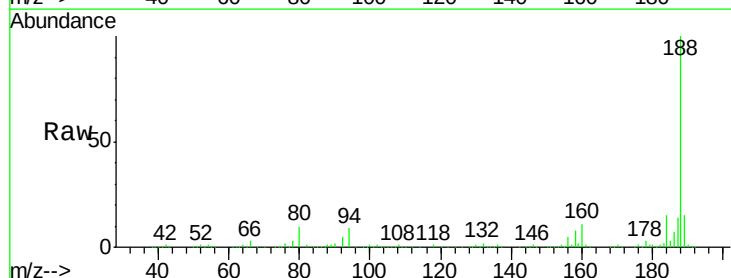
RT: 11.29 min Scan# 849

Delta R.T. 0.00 min

Lab File: BF088712.D

Acq: 5 Jul 2016 19:41

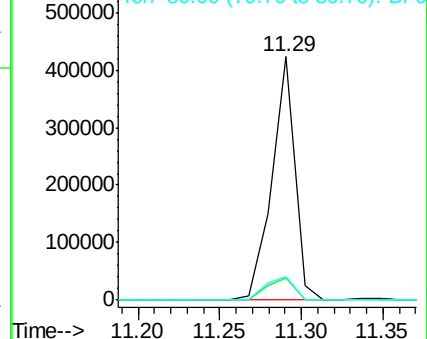
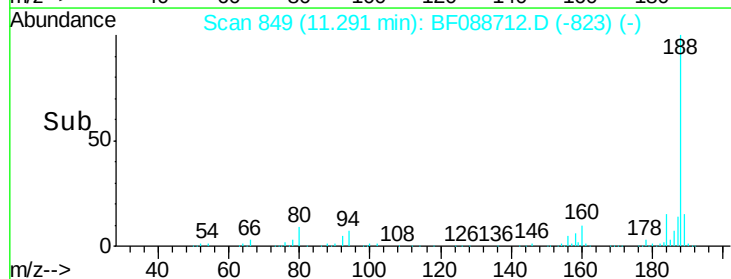
Tgt Ion:	188	Resp:	416275
Ion	Ratio	Lower	Upper
188	100		
94	9.4	9.0	13.6
80	9.8	10.0	15.0#

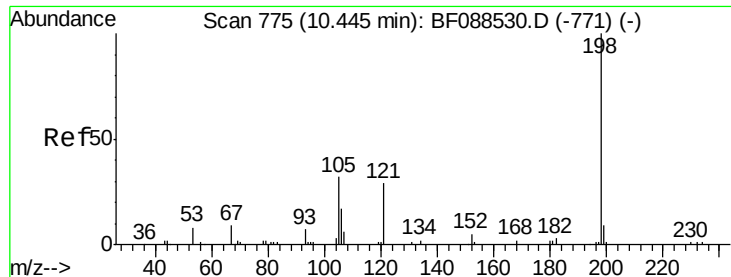


Abundance Ion 188.00 (187.70 to 188.70): E

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: 29.04 ng

RT: 10.41 min Scan# 772

Delta R.T. 0.00 min

Lab File: BF088712.D

Acq: 5 Jul 2016 19:41

Instrument :

BNA_F

ClientSampleId :

PB91868BS

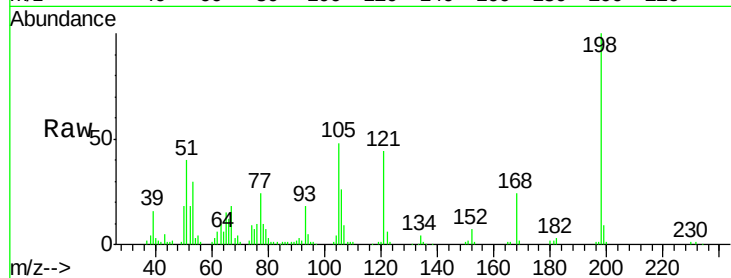
Tot Ion:198 Resp: 64664

Ion Ratio Lower Upper

198 100

51 40.3 39.6 79.6

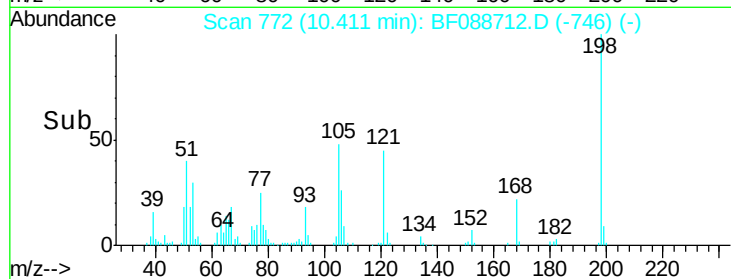
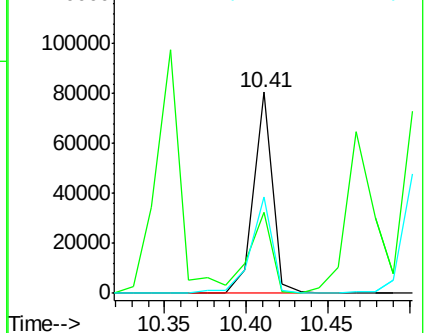
105 48.0 36.6 76.6



Abundance Ion 198.00 (197.70 to 198.70): E

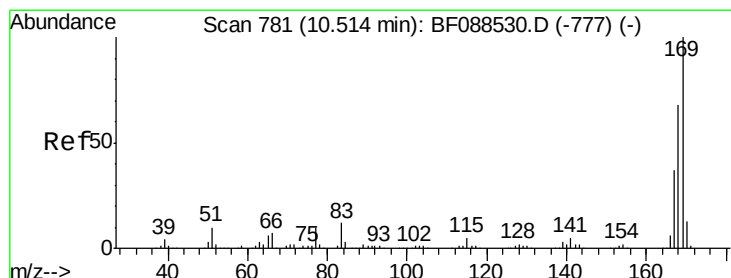
Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E



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#65

n-Nitrosodiphenylamine

Concen: 41.54 ng

RT: 10.48 min Scan# 778

Delta R.T. 0.00 min

Lab File: BF088712.D

Acq: 5 Jul 2016 19:41

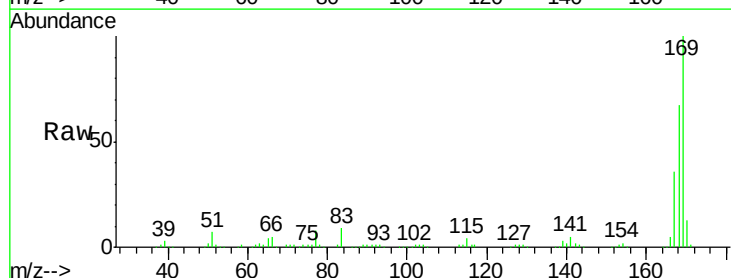
Tgt Ion:169 Resp: 585191

Ion Ratio Lower Upper

169 100

168 66.8 53.4 80.0

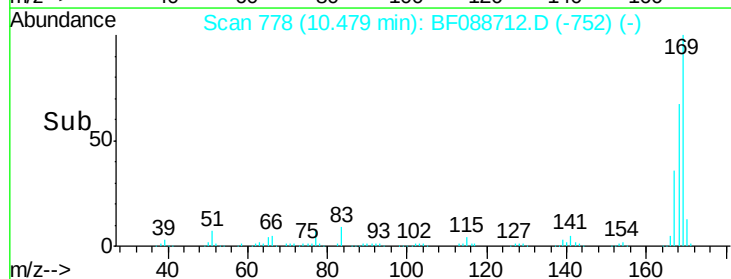
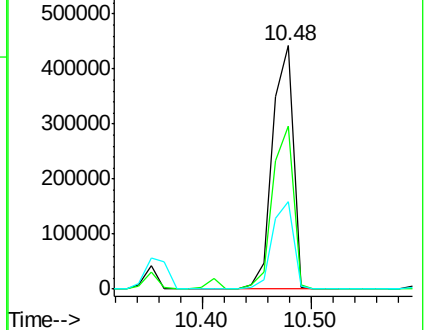
167 36.1 29.4 44.0

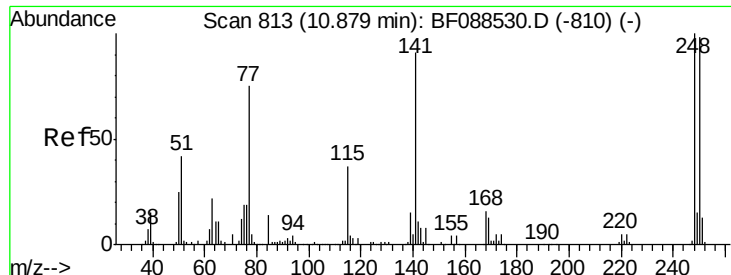


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

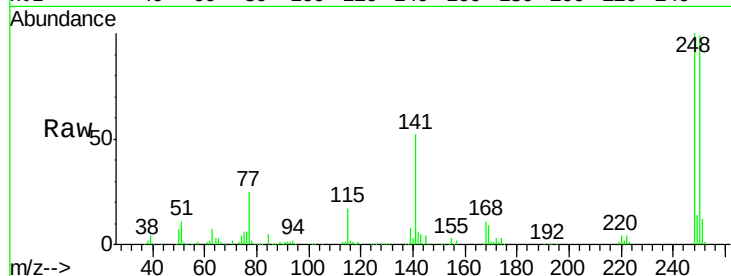




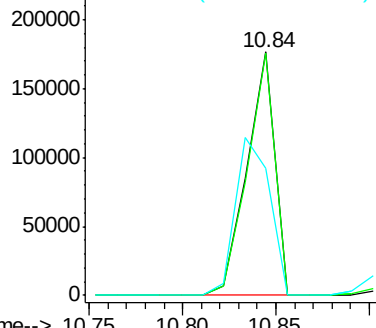
#66
 4-Bromophenyl-phenylether
 Concen: 44.15 ng
 RT: 10.84 min Scan# 810
 Delta R.T. 0.00 min
 Lab File: BF088712.D
 Acq: 5 Jul 2016 19:41

Instrument :
 BNA_F
 ClientSampleId :
 PB91868BS

Tot Ion:	248	Resp:	185227
Ion Ratio	Lower	Upper	
248	100		
250	99.4	77.1	115.7
141	52.0	50.6	76.0

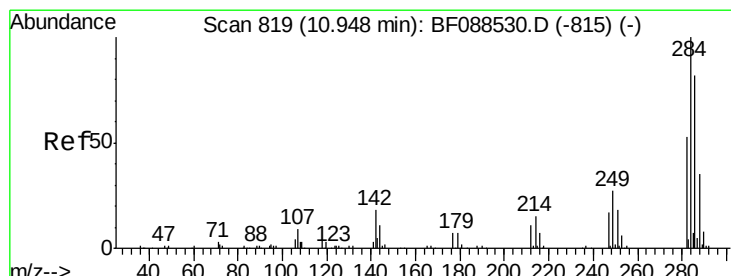
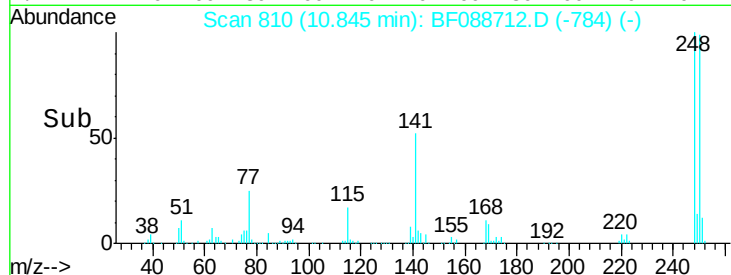


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E



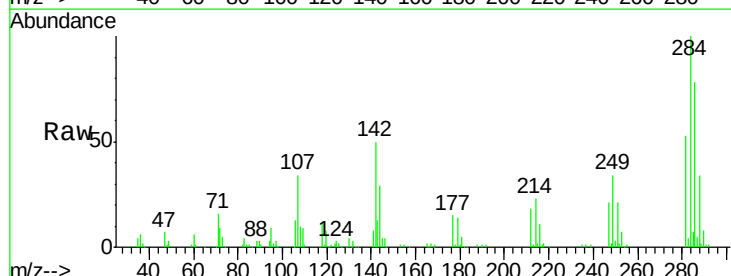
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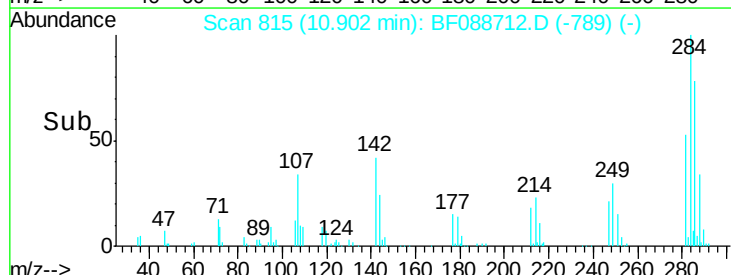
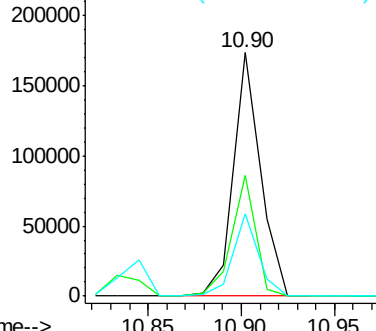


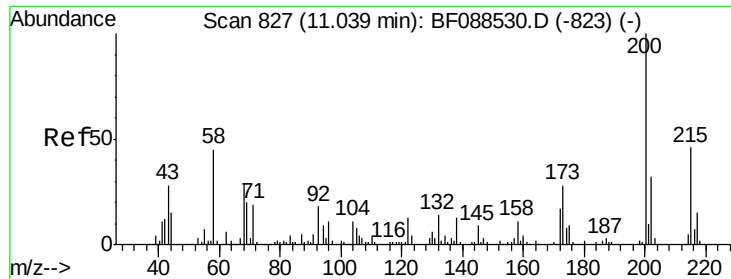
#67
 Hexachlorobenzene
 Concen: 37.34 ng
 RT: 10.90 min Scan# 815
 Delta R.T. 0.00 min
 Lab File: BF088712.D
 Acq: 5 Jul 2016 19:41

Tgt Ion:	284	Resp:	173397
Ion Ratio	Lower	Upper	
284	100		
142	49.5	35.8	53.8
249	33.8	25.8	38.6



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

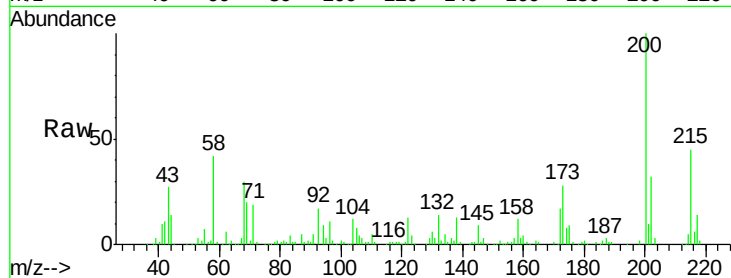




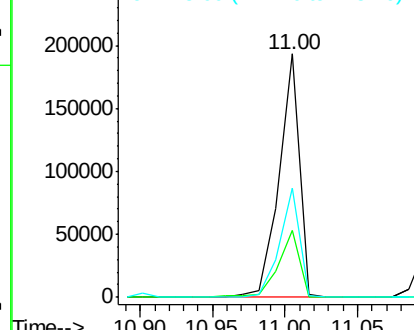
#68
Atrazine
Concen: 42.74 ng
RT: 11.00 min Scan# 824
Delta R.T. 0.00 min
Lab File: BF088712.D
Acq: 5 Jul 2016 19:41

Instrument :
BNA_F
ClientSampleId :
PB91868BS

Tot Ion	Ratio	Lower	Upper
200	100		
173	27.8	4.0	44.0
215	44.9	29.3	69.3

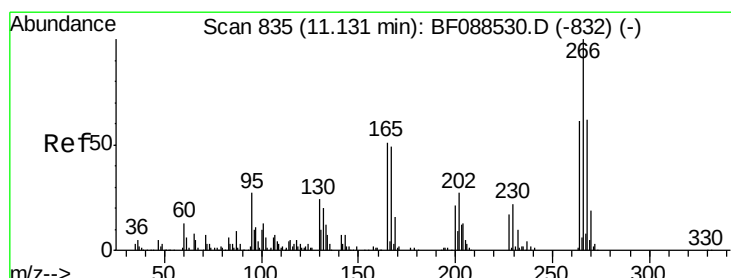
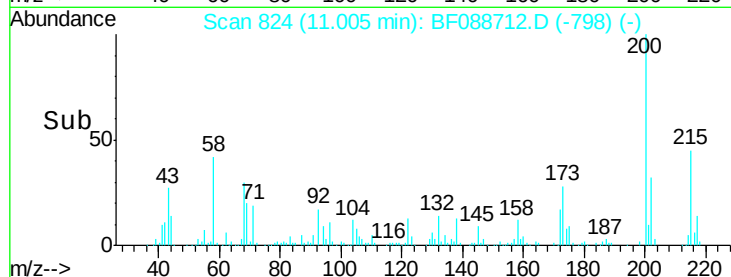


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E



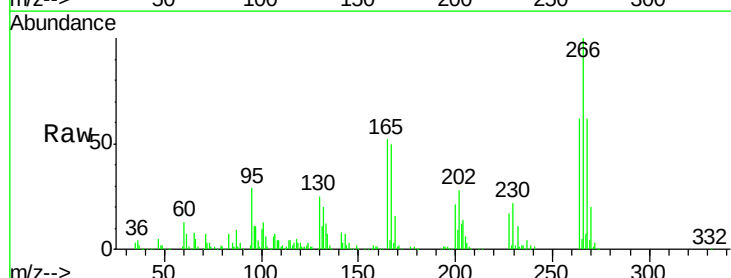
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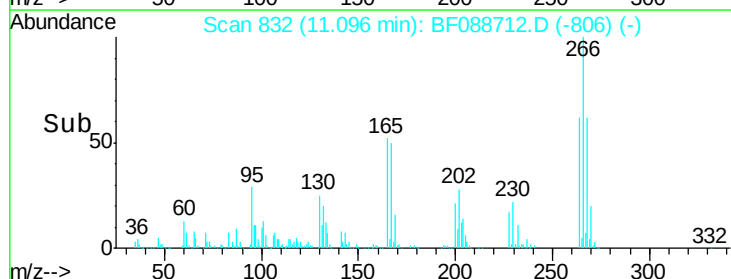
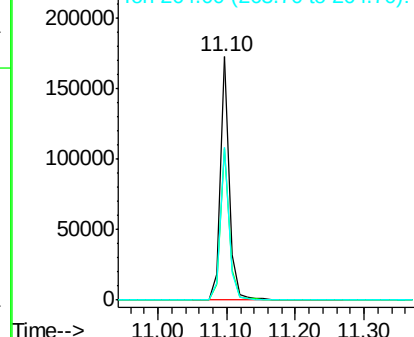


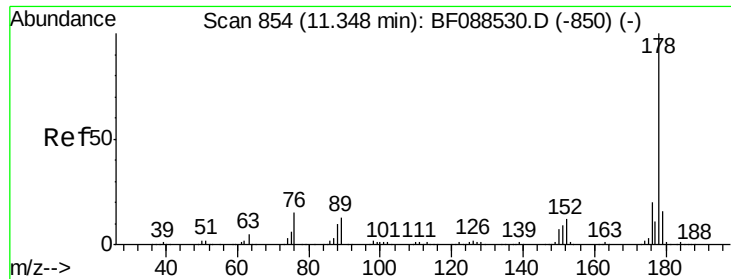
#69
Pentachlorophenol
Concen: 58.40 ng
RT: 11.10 min Scan# 832
Delta R.T. 0.00 min
Lab File: BF088712.D
Acq: 5 Jul 2016 19:41

Tgt Ion	Ratio	Lower	Upper
266	100		
268	62.0	52.8	79.2
264	62.5	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

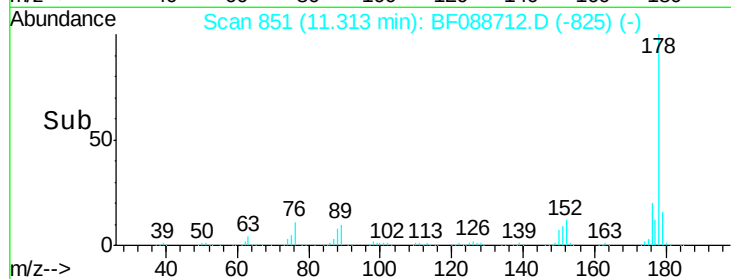
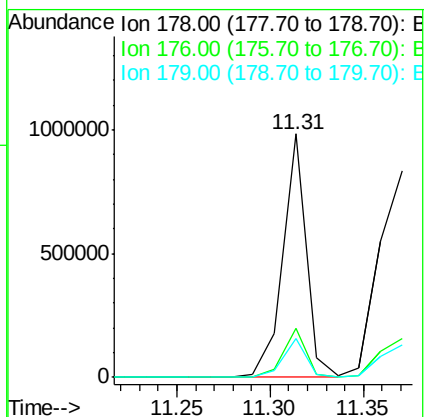
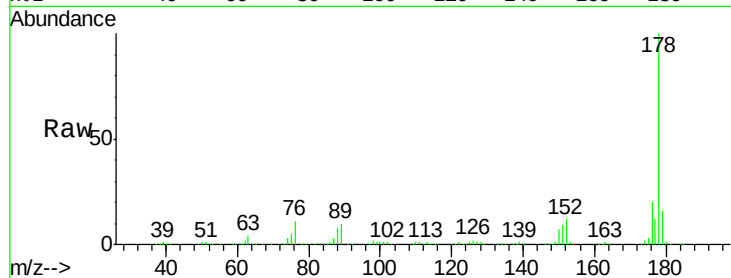




#70
Phenanthrene
Concen: 38.02 ng
RT: 11.31 min Scan# 851
Delta R.T. 0.00 min
Lab File: BF088712.D
Acq: 5 Jul 2016 19:41

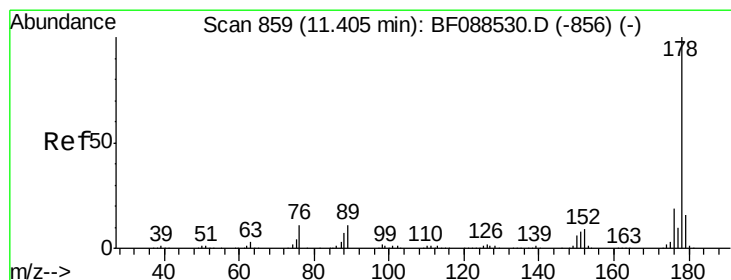
Instrument :
BNA_F
ClientSampleId :
PB91868BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.9	15.8	23.6
179	16.0	13.0	19.4



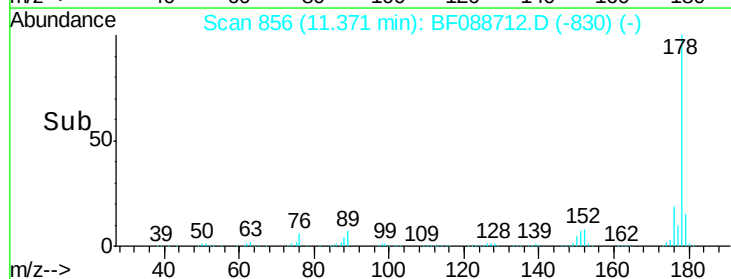
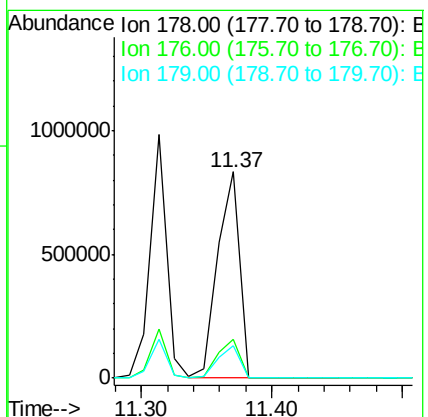
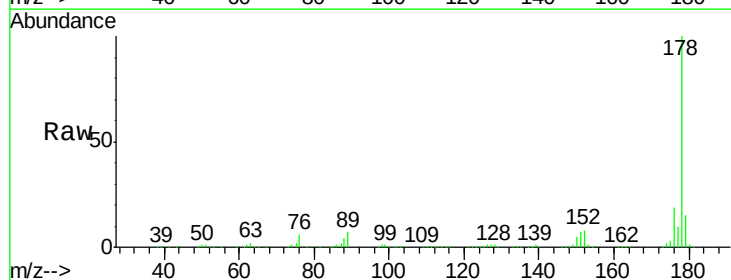
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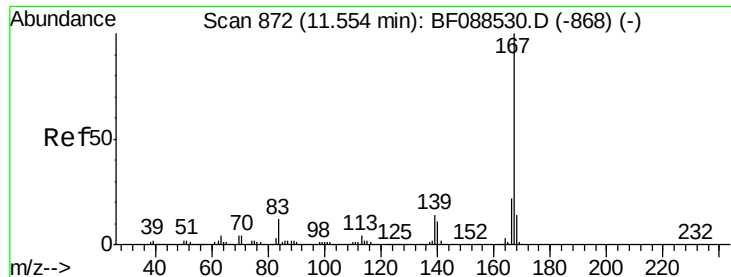
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#71
Anthracene
Concen: 43.37 ng
RT: 11.37 min Scan# 856
Delta R.T. 0.00 min
Lab File: BF088712.D
Acq: 5 Jul 2016 19:41

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.6	23.4
179	15.5	12.8	19.2

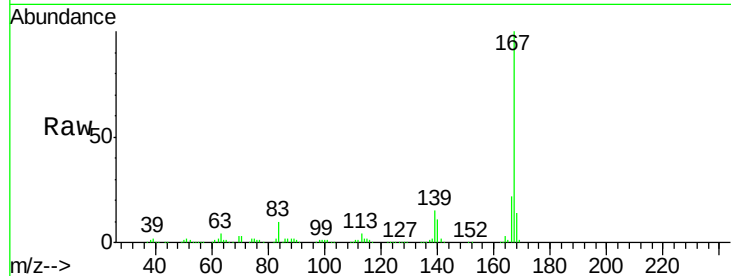




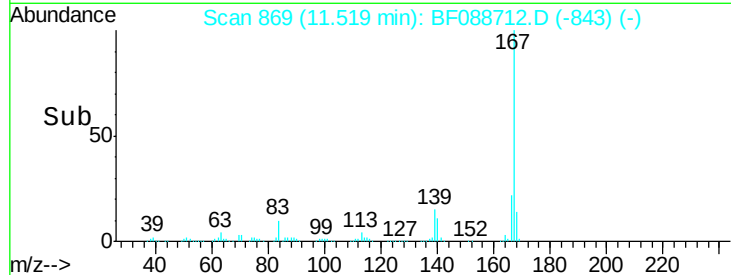
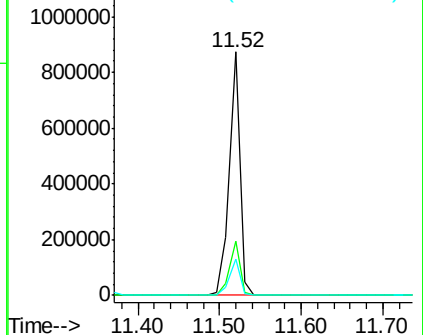
#72
 Carbazole
 Concen: 36.86 ng
 RT: 11.52 min Scan# 869
 Delta R.T. 0.00 min
 Lab File: BF088712.D
 Acq: 5 Jul 2016 19:41

Instrument :
 BNA_F
 ClientSampleId :
 PB91868BS

Tot Ion:167	Resp:	784965
Ion Ratio	Lower	Upper
167	100	
166	22.2	17.8 26.6
139	14.9	11.2 16.8

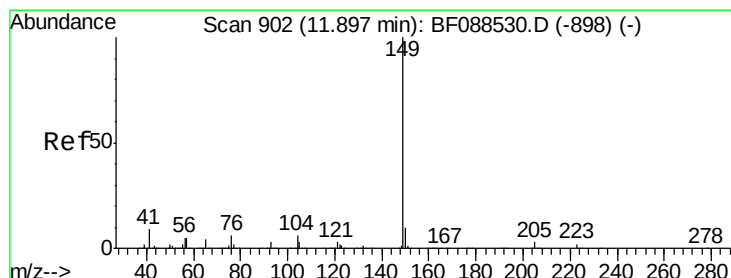


Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E



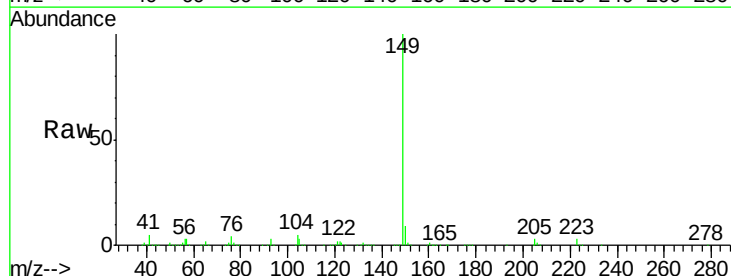
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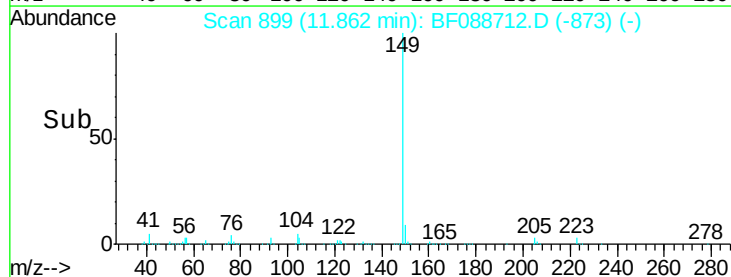
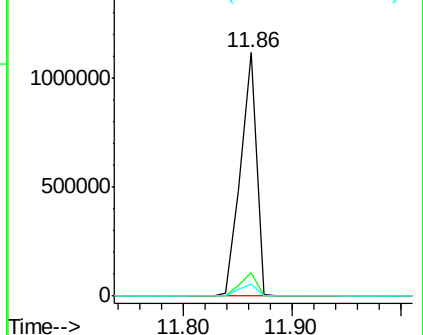


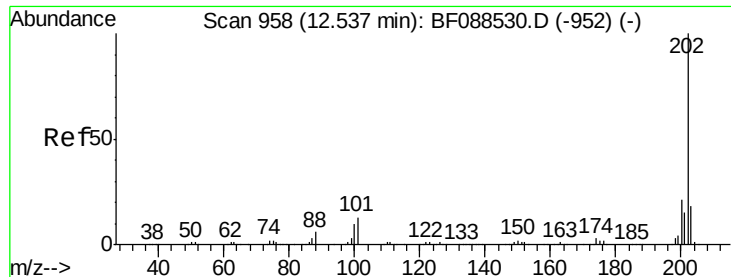
#73
 Di-n-butylphthalate
 Concen: 45.08 ng
 RT: 11.86 min Scan# 899
 Delta R.T. 0.00 min
 Lab File: BF088712.D
 Acq: 5 Jul 2016 19:41

Tgt Ion:149	Resp:	1116560
Ion Ratio	Lower	Upper
149	100	
150	9.4	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

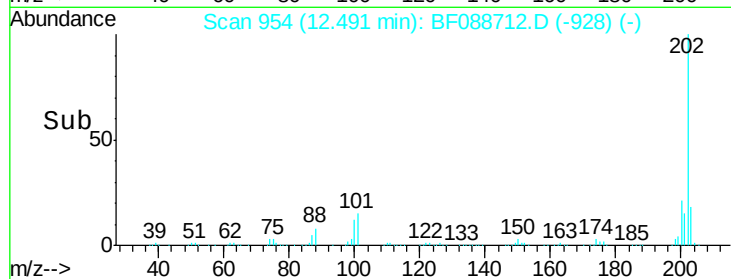
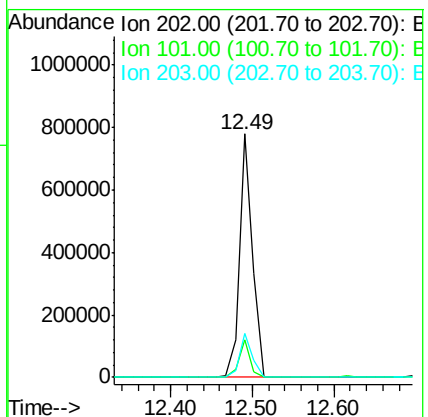
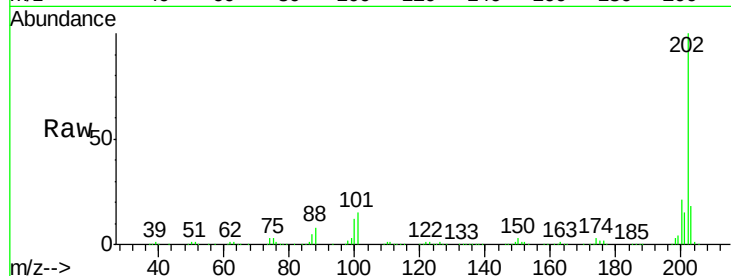




#74
Fluoranthene
Concen: 36.92 ng
RT: 12.49 min Scan# 954
Delta R.T. 0.00 min
Lab File: BF088712.D
Acq: 5 Jul 2016 19:41

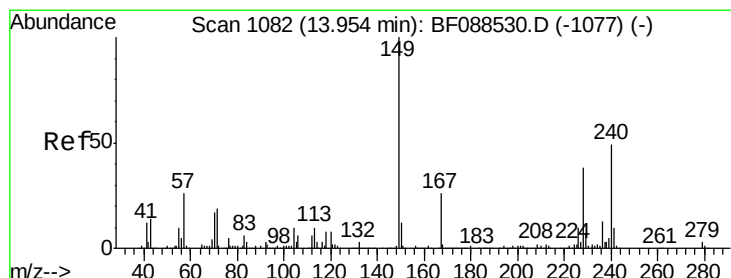
Instrument :
BNA_F
ClientSampleId :
PB91868BS

Tot Ion	Ratio	Lower	Upper
202	100		
101	15.5	0.0	33.1
203	18.1	0.0	38.1



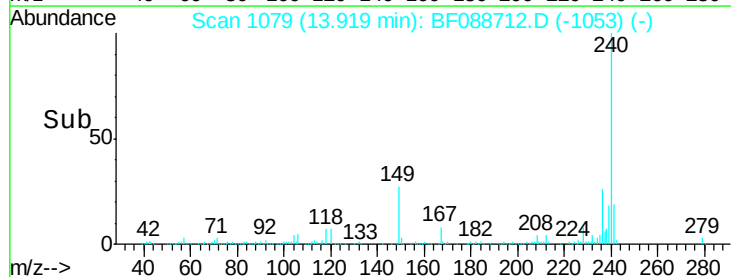
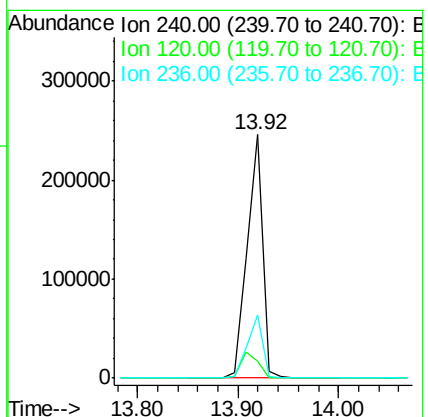
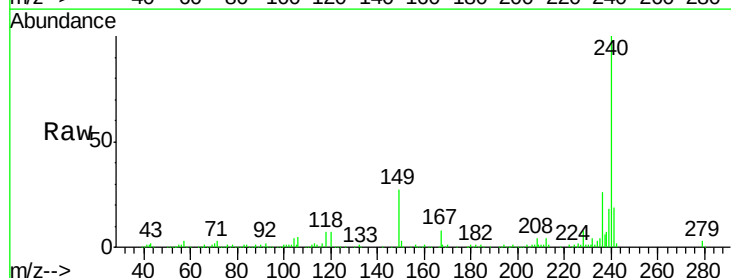
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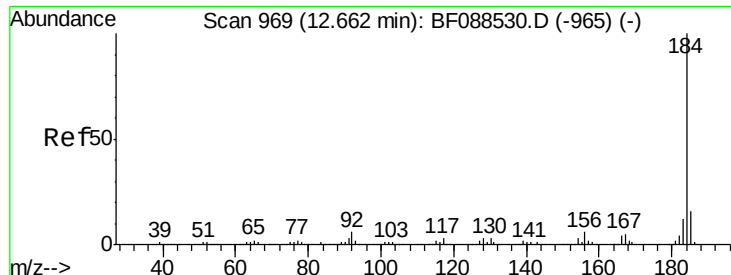
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#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.92 min Scan# 1079
Delta R.T. 0.00 min
Lab File: BF088712.D
Acq: 5 Jul 2016 19:41

Tgt Ion	Ratio	Lower	Upper
240	100		
120	7.2	6.8	10.2
236	25.7	20.2	30.2

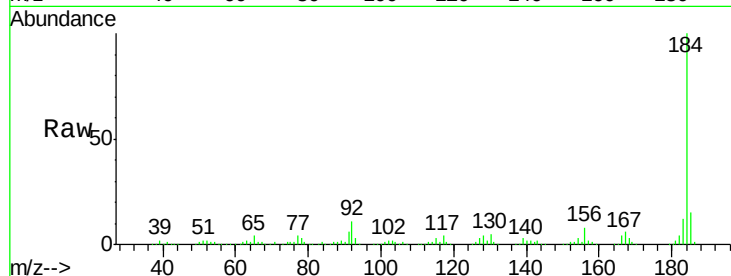




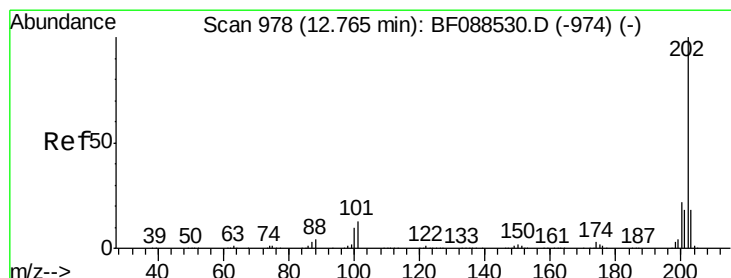
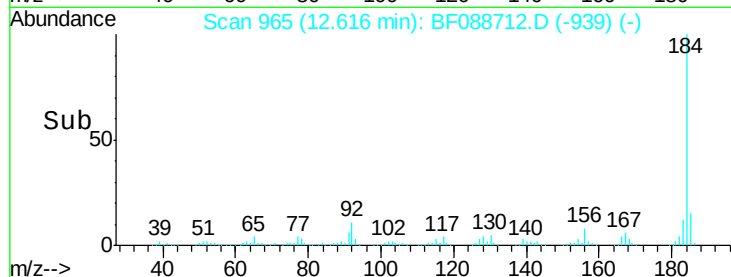
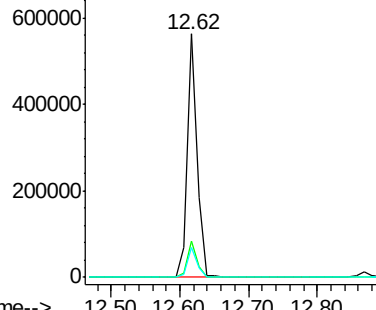
#76
Benzidine
Concen: 43.11 ng
RT: 12.62 min Scan# 965
Delta R.T. 0.00 min
Lab File: BF088712.D
Acq: 5 Jul 2016 19:41

Instrument :
BNA_F
ClientSampleId :
PB91868BS

Tot Ion	Ratio	Lower	Upper
184	100		
185	14.6	12.5	18.7
183	12.1	9.3	13.9

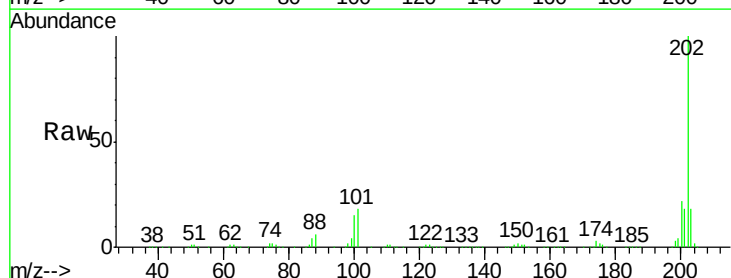


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E

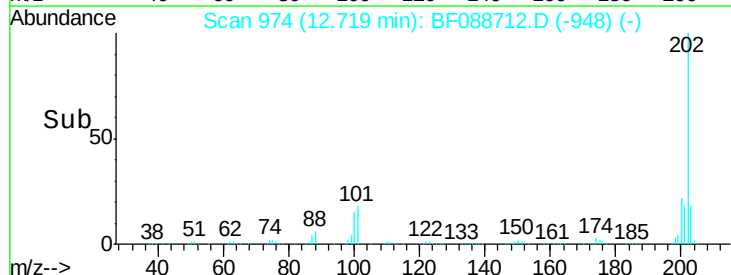
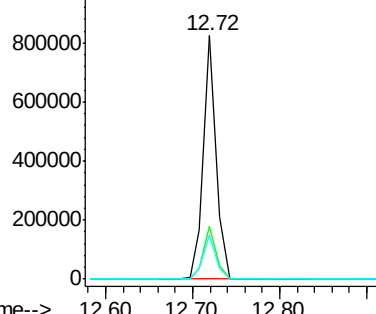


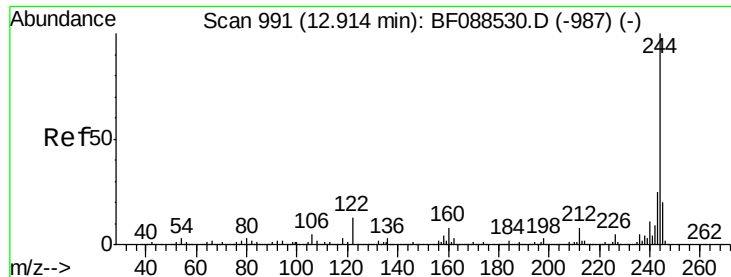
#77
Pyrene
Concen: 37.35 ng
RT: 12.72 min Scan# 974
Delta R.T. 0.00 min
Lab File: BF088712.D
Acq: 5 Jul 2016 19:41

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.9	17.4	26.2
203	17.9	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



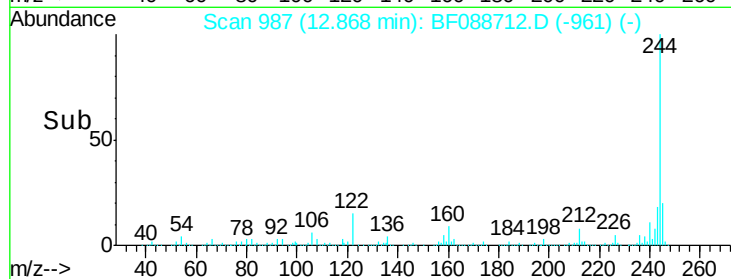
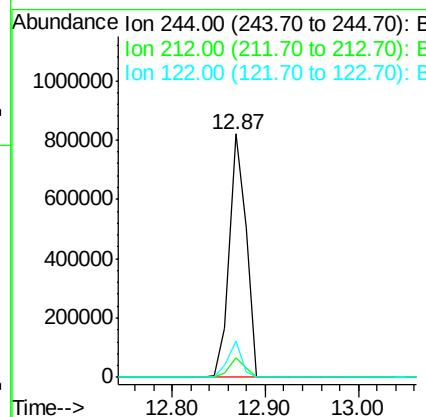
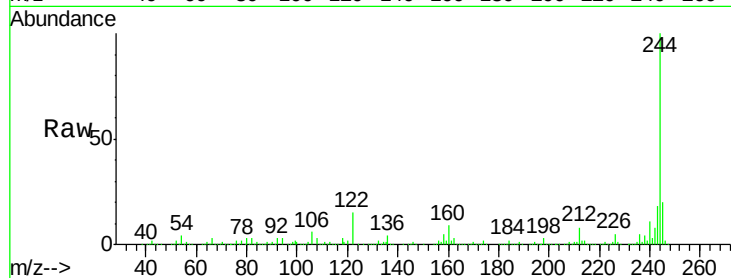


#78
 Terphenyl-d14
 Concen: 87.71 ng
 RT: 12.87 min Scan# 987
 Delta R.T. 0.00 min
 Lab File: BF088712.D
 Acq: 5 Jul 2016 19:41

Instrument :
 BNA_F
 ClientSampleId :
 PB91868BS

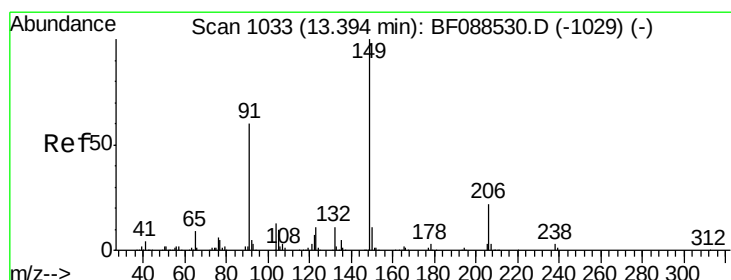
Tot Ion:244 Resp: 1033722

Ion	Ratio	Lower	Upper
244	100		
212	7.8	6.0	9.0
122	15.2	11.2	16.8



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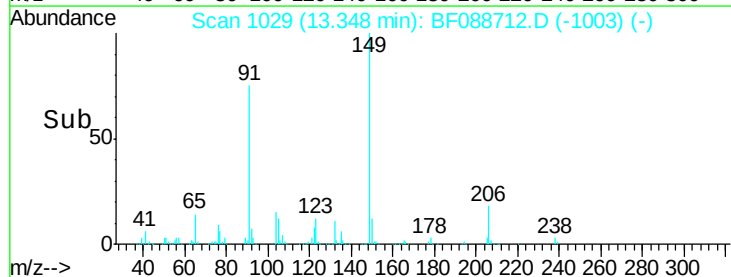
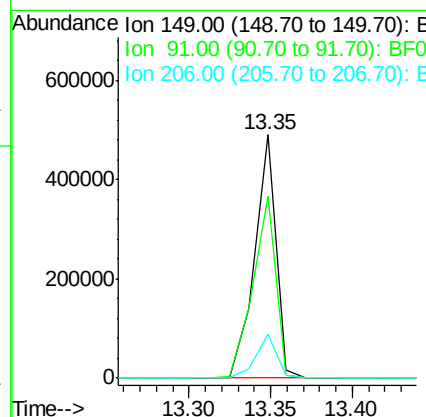
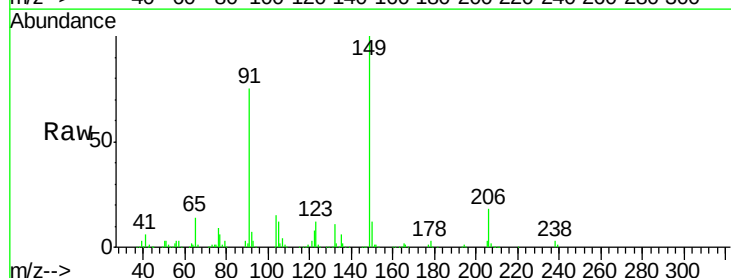
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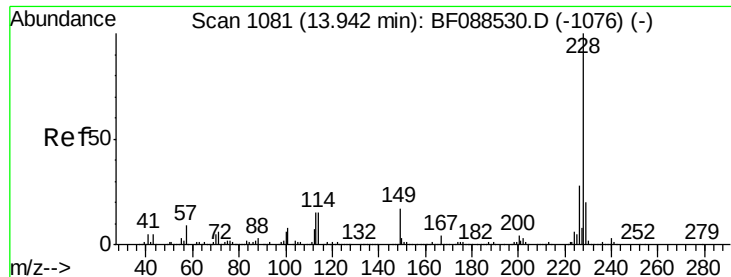


#79
 Butylbenzylphthalate
 Concen: 44.93 ng
 RT: 13.35 min Scan# 1029
 Delta R.T. 0.00 min
 Lab File: BF088712.D
 Acq: 5 Jul 2016 19:41

Tgt Ion:149 Resp: 446093

Ion	Ratio	Lower	Upper
149	100		
91	74.9	48.0	72.0#
206	18.0	16.0	24.0

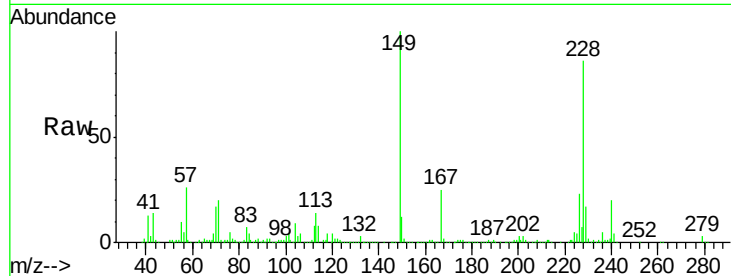




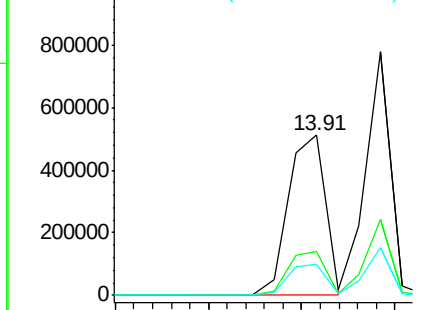
#80
Benzo(a)anthracene
Concen: 42.13 ng
RT: 13.91 min Scan# 1078
Delta R.T. 0.00 min
Lab File: BF088712.D
Acq: 5 Jul 2016 19:41

Instrument :
BNA_F
ClientSampleId :
PB91868BS

Tot Ion:228 Resp: 712206
Ion Ratio Lower Upper
228 100
226 27.3 22.3 33.5
229 19.5 16.0 24.0

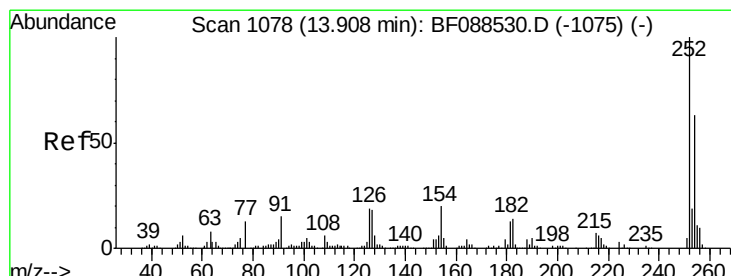
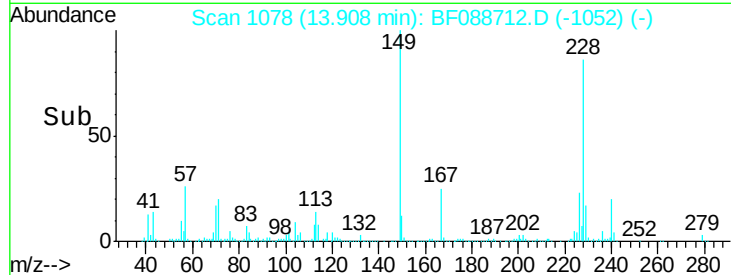


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



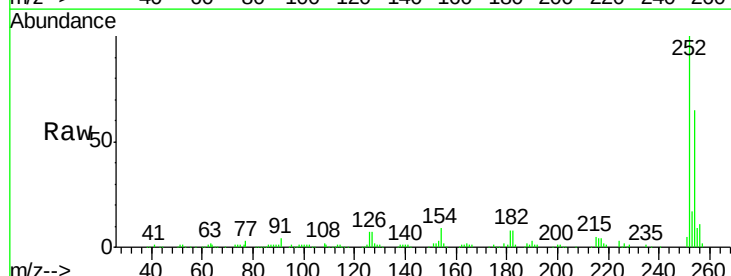
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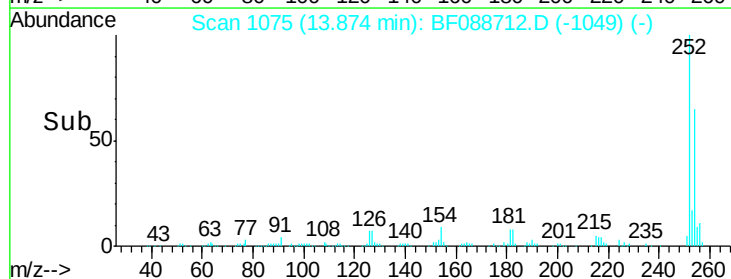
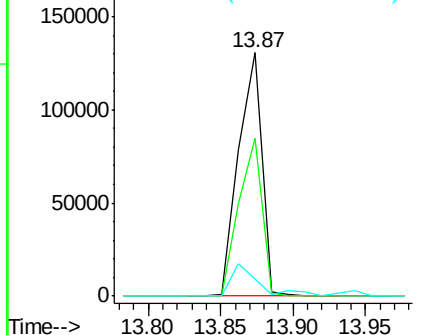


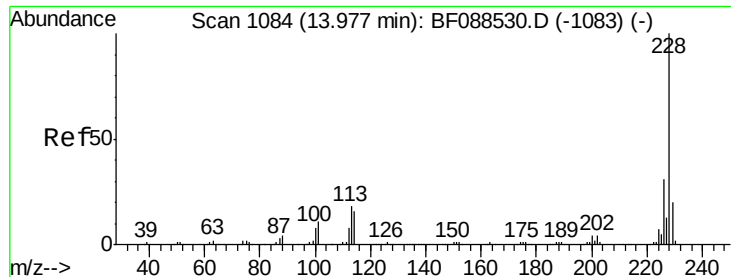
#81
3,3'-Dichlorobenzidine
Concen: 23.00 ng
RT: 13.87 min Scan# 1075
Delta R.T. 0.00 min
Lab File: BF088712.D
Acq: 5 Jul 2016 19:41

Tgt Ion:252 Resp: 146177
Ion Ratio Lower Upper
252 100
254 64.9 52.6 78.8
126 6.9 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

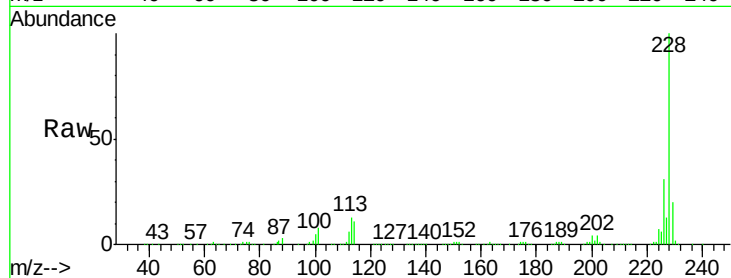




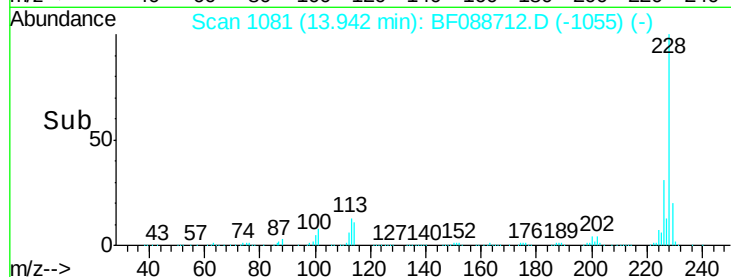
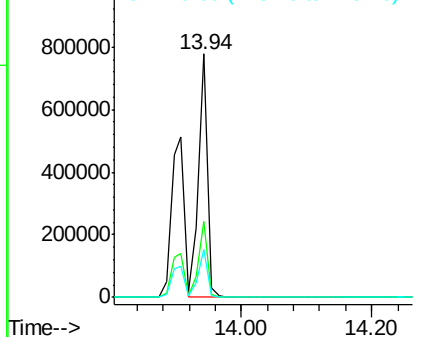
#82
Chrysene
Concen: 42.84 ng
RT: 13.94 min Scan# 1081
Delta R.T. 0.00 min
Lab File: BF088712.D
Acq: 5 Jul 2016 19:41

Instrument :
BNA_F
ClientSampleId :
PB91868BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.2	25.4	38.2
229	19.8	16.3	24.5

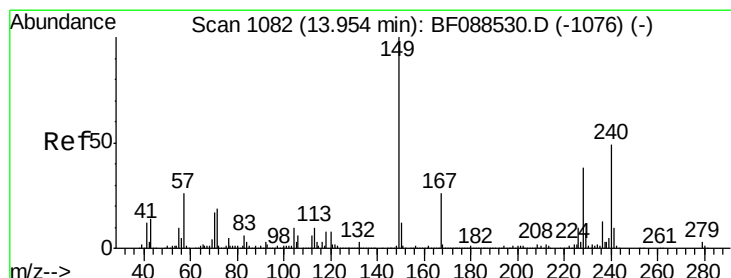


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



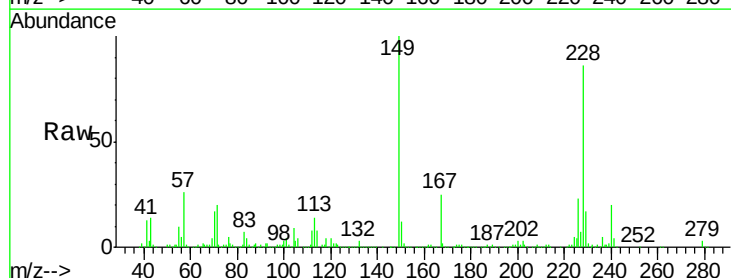
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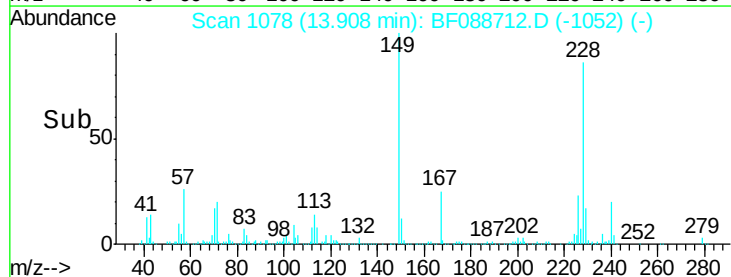
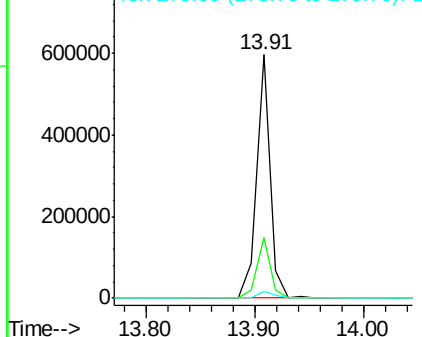


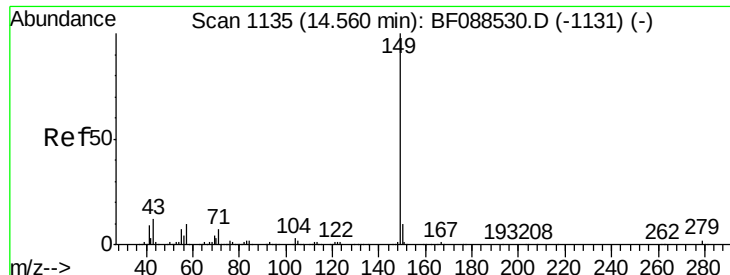
#83
Bis(2-ethylhexyl)phthalate
Concen: 45.87 ng
RT: 13.91 min Scan# 1078
Delta R.T. 0.00 min
Lab File: BF088712.D
Acq: 5 Jul 2016 19:41

Tgt Ion	Ratio	Lower	Upper
149	100		
167	24.8	20.5	30.7
279	2.7	2.0	3.0



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E

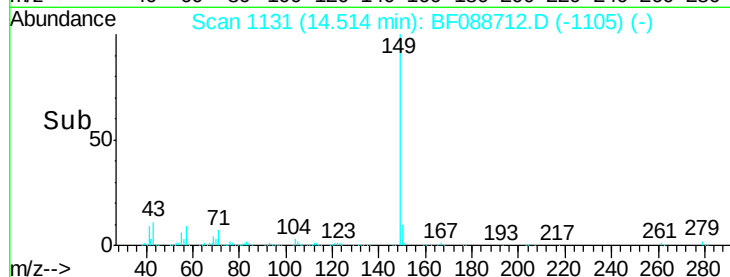
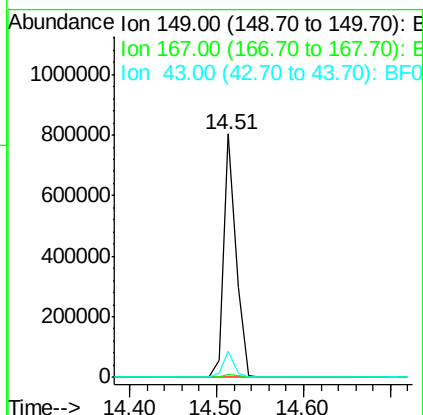
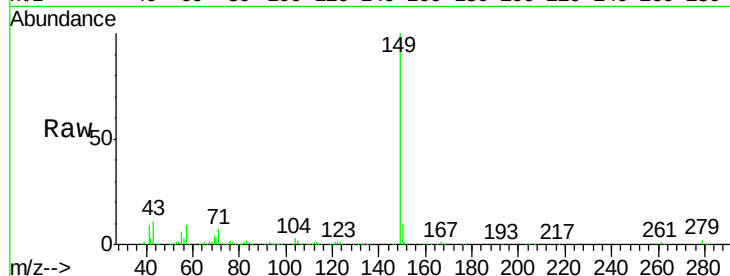




#84
Di-n-octyl phthalate
Concen: 41.63 ng
RT: 14.51 min Scan# 1131
Delta R.T. 0.00 min
Lab File: BF088712.D
Acq: 5 Jul 2016 19:41

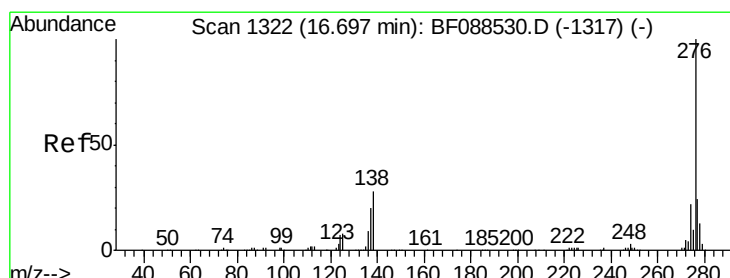
Instrument :
BNA_F
ClientSampleId :
PB91868BS

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.5	0.0	0.0#
43	9.5	0.0	0.0#



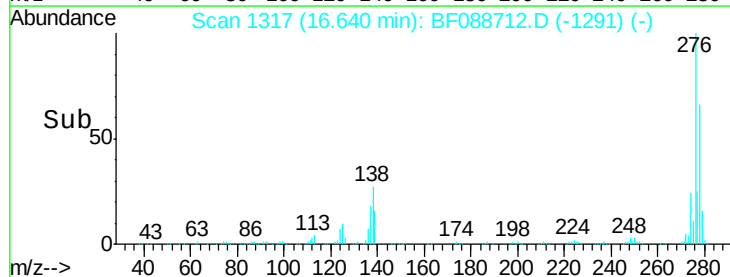
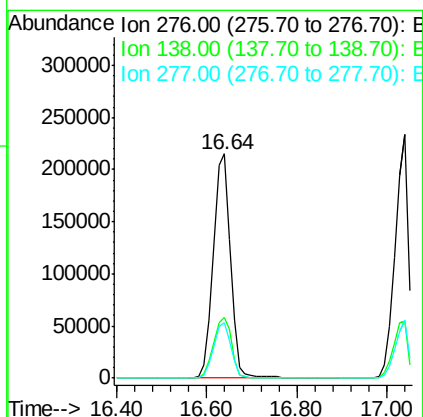
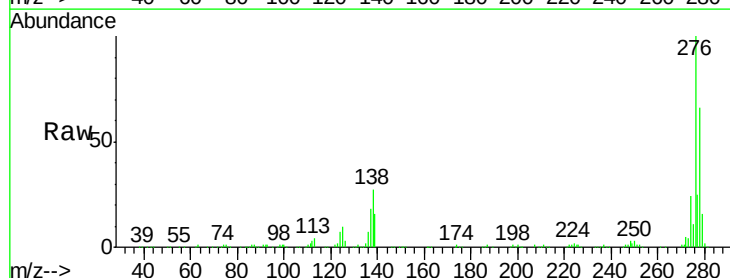
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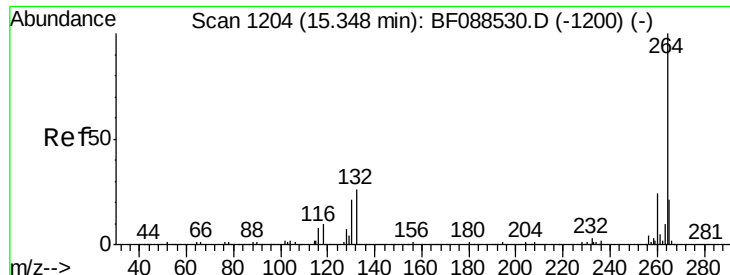
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#85
Indeno(1,2,3-cd)pyrene
Concen: 44.84 ng
RT: 16.64 min Scan# 1317
Delta R.T. 0.00 min
Lab File: BF088712.D
Acq: 5 Jul 2016 19:41

Tgt Ion	Ratio	Lower	Upper
276	100		
138	28.6	0.0	0.0#
277	25.3	0.0	0.0#

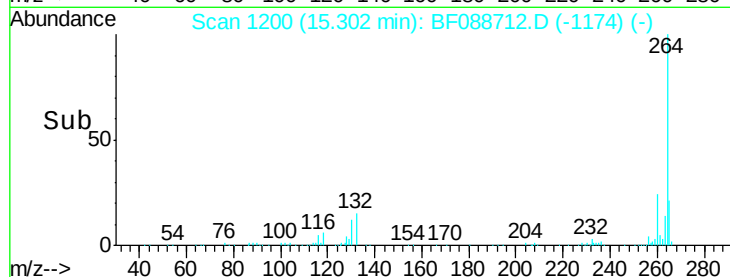
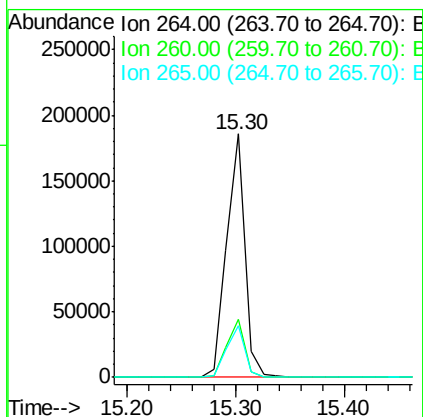
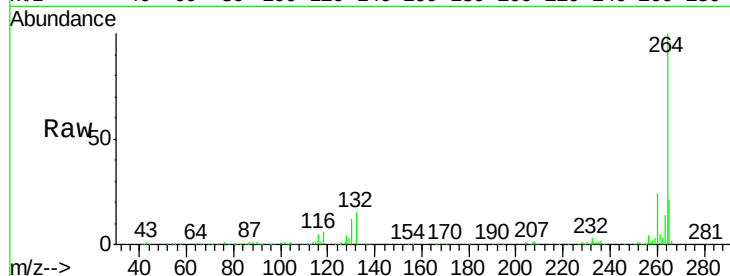




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.30 min Scan# 1200
Delta R.T. 0.00 min
Lab File: BF088712.D
Acq: 5 Jul 2016 19:41

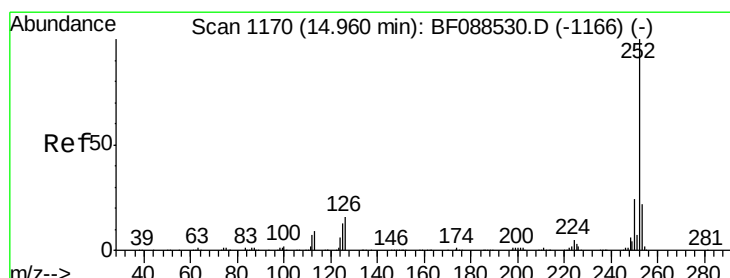
Instrument :
BNA_F
ClientSampleId :
PB91868BS

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.2	28.8
265	21.3	16.9	25.3



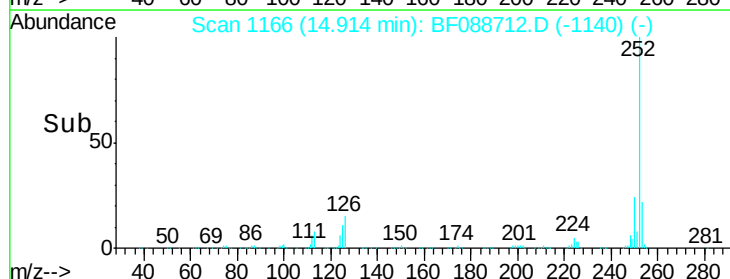
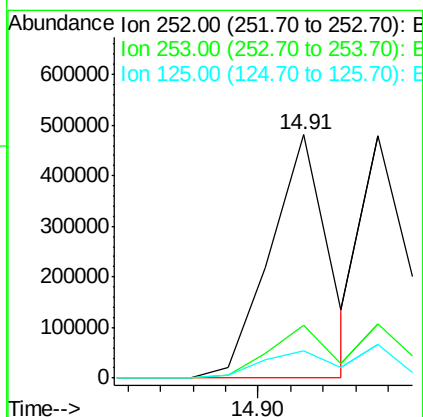
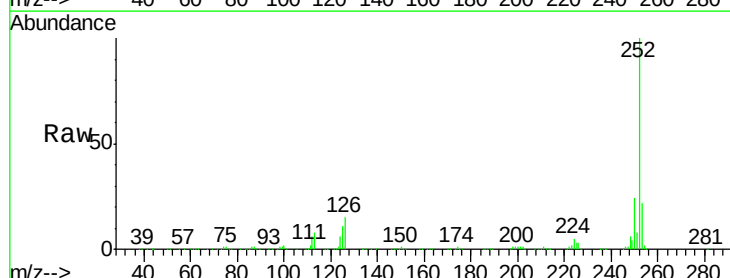
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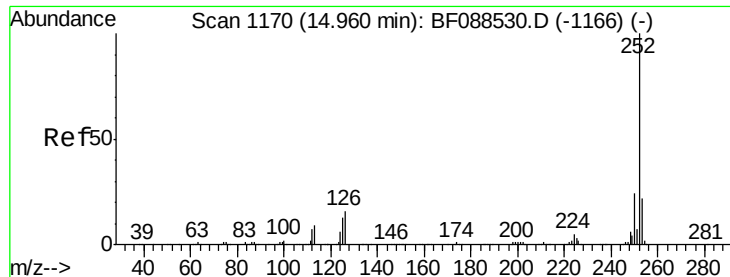
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#87
Benzo(b)fluoranthene
Concen: 43.61 ng m
RT: 14.91 min Scan# 1166
Delta R.T. 0.00 min
Lab File: BF088712.D
Acq: 5 Jul 2016 19:41

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.4	26.2
125	11.1	7.1	10.7#

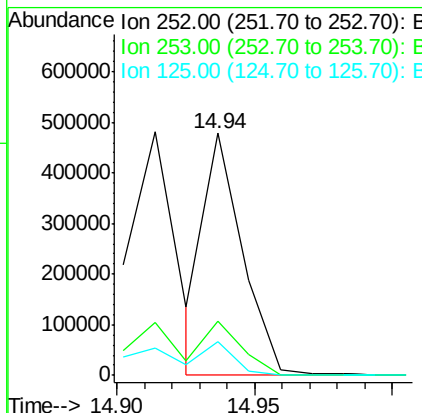
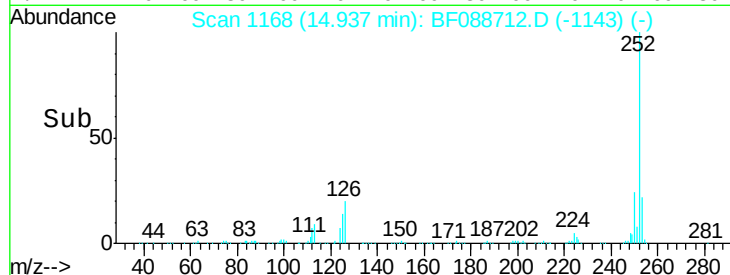
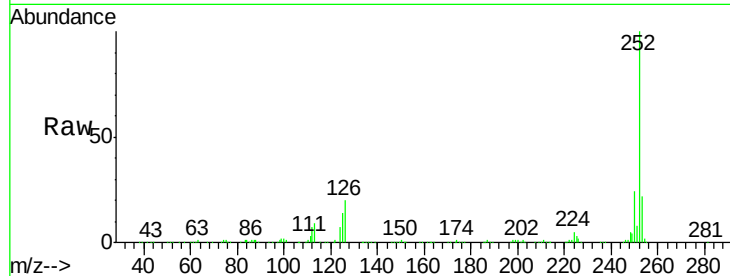




#88
Benzo(k)fluoranthene
Concen: 39.86 ng m
RT: 14.94 min Scan# 1168
Delta R.T. -0.01 min
Lab File: BF088712.D
Acq: 5 Jul 2016 19:41

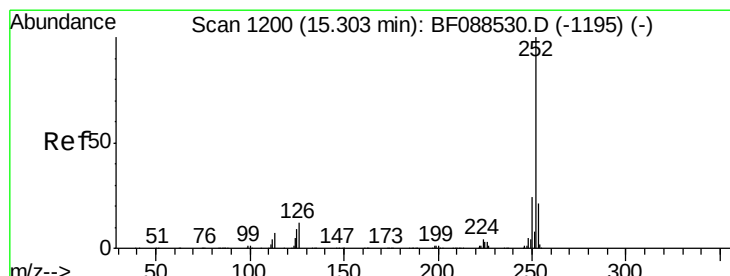
Instrument :
BNA_F
ClientSampleId :
PB91868BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.0	27.0
125	13.8	11.2	16.8



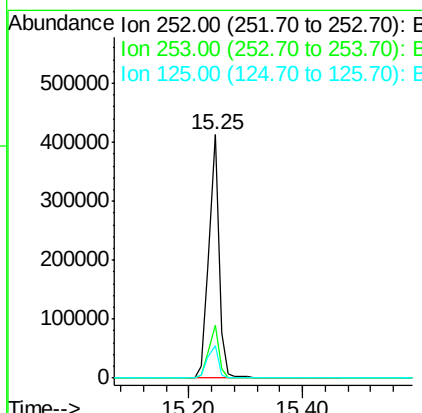
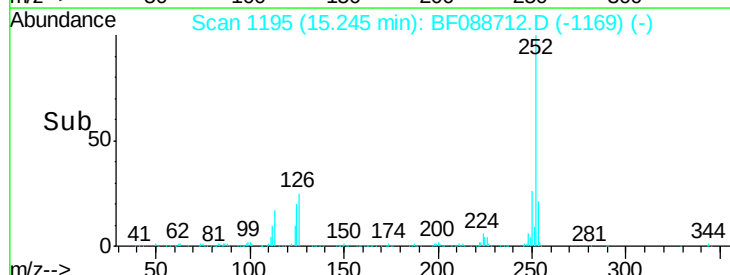
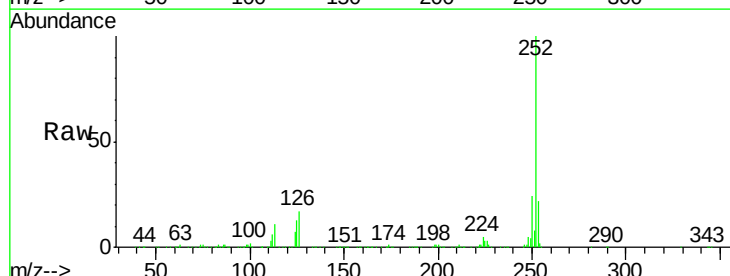
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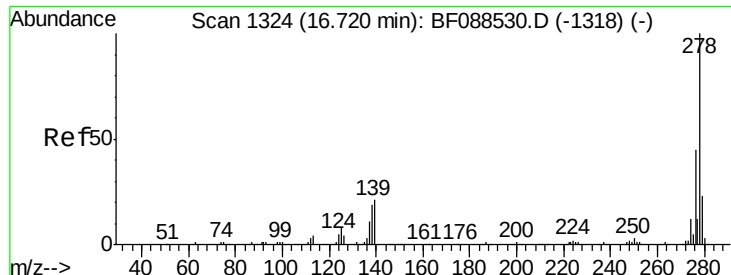
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#89
Benzo(a)pyrene
Concen: 43.10 ng
RT: 15.25 min Scan# 1195
Delta R.T. 0.00 min
Lab File: BF088712.D
Acq: 5 Jul 2016 19:41

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.9	26.9
125	13.3	12.5	18.7

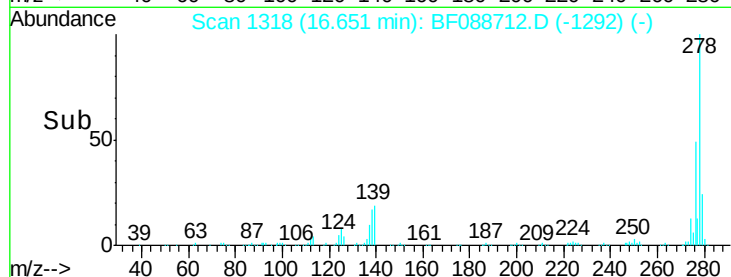
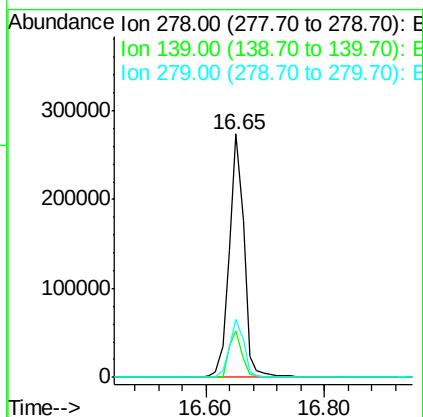
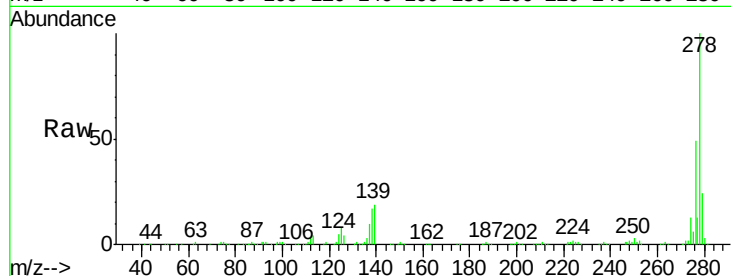




#90
Dibenzo(a,h)anthracene
Concen: 49.22 ng
RT: 16.65 min Scan# 1318
Delta R.T. 0.00 min
Lab File: BF088712.D
Acq: 5 Jul 2016 19:41

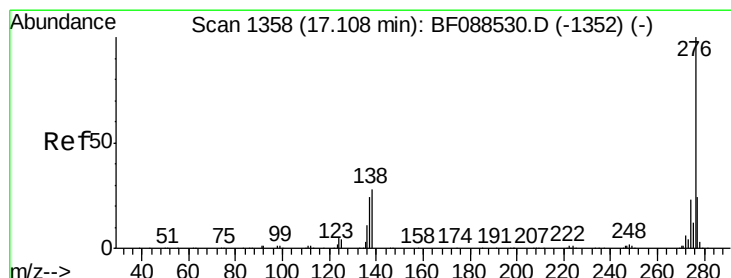
Instrument :
BNA_F
ClientSampleId :
PB91868BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	19.0	15.7	23.5
279	23.8	19.4	29.2



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#91
Benzo(g,h,i)perylene
Concen: 50.27 ng
RT: 17.04 min Scan# 1352
Delta R.T. 0.00 min
Lab File: BF088712.D
Acq: 5 Jul 2016 19:41

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.8	18.9	28.3
138	23.3	21.4	32.2

