

Data Path : Z:\HPCHEM1\BNA F\DATA\BF070316\
 Data File : BF088650.D
 Acq On : 3 Jul 2016 15:33
 Operator : UM/SJ
 Sample : H3837-08MS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 04 04:57:40 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF063016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 30 18:01:55 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	112706	20.00	ng	-0.02
21) Naphthalene-d8	8.07	136	448308	20.00	ng	-0.03
38) Acenaphthene-d10	9.82	164	213497	20.00	ng	-0.03
63) Phenanthrene-d10	11.30	188	416776	20.00	ng	-0.02
75) Chrysene-d12	13.92	240	301380	20.00	ng	-0.03
86) Perylene-d12	15.31	264	279891	20.00	ng	-0.03

System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	776693	103.28	ng	-0.02
7) Phenol-d6	6.42	99	946994	97.46	ng	-0.02
23) Nitrobenzene-d5	7.35	82	640760	74.90	ng	-0.03
41) 2,4,6-Tribromophenol	10.60	330	223110	112.54	ng	-0.03
44) 2-Fluorobiphenyl	9.15	172	1181974	87.45	ng	-0.02
78) Terphenyl-d14	12.88	244	945724	69.89	ng	-0.03

Target Compounds						Qvalue
2) 1,4-Dioxane	2.39	88	92471	24.80	ng	# 28
3) Pyridine	3.10	79	29673	2.74	ng	95
4) n-Nitrosodimethylamine	3.00	42	63010	15.24	ng	91
6) Aniline	6.44	93	108946	7.69	ng	98
8) 2-Chlorophenol	6.57	128	154184	19.08	ng	90
9) Benzaldehyde	6.32	77	96616	14.68	ng	# 78
10) Phenol	6.43	94	203601	18.36	ng	80
11) bis(2-Chloroethyl)ether	6.52	93	156922	18.97	ng	87
12) 1,3-Dichlorobenzene	6.72	146	143537	16.14	ng	# 93
13) 1,4-Dichlorobenzene	6.80	146	146886	16.64	ng	96
14) 1,2-Dichlorobenzene	6.96	146	144263	17.46	ng	97
15) Benzyl Alcohol	6.92	79	139090	19.45	ng	94
16) 2,2'-oxybis(1-Chloropropan	7.07	45	200569	16.75	ng	91
17) 2-Methylphenol	7.04	107	122770	18.62	ng	97
18) Hexachloroethane	7.30	117	58569	17.15	ng	97
19) n-Nitroso-di-n-propylamine	7.20	70	108223	16.58	ng	93
20) 3+4-Methylphenols	7.20	107	163307	20.64	ng	91
22) Acetophenone	7.19	105	213175	19.59	ng	# 87
24) Nitrobenzene	7.37	77	167034	19.37	ng	97
25) Isophorone	7.61	82	306848	19.36	ng	98
26) 2-Nitrophenol	7.68	139	69598	19.68	ng	91
27) 2,4-Dimethylphenol	7.72	122	124414	16.89	ng	91
28) bis(2-Chloroethoxy)methane	7.83	93	193022	18.72	ng	# 96
29) 2,4-Dichlorophenol	7.93	162	121562	20.42	ng	93
30) 1,2,4-Trichlorobenzene	8.01	180	123384	18.88	ng	99
31) Naphthalene	8.09	128	449296	20.33	ng	99
33) 4-Chloroaniline	8.14	127	103154	10.49	ng	97
34) Hexachlorobutadiene	8.22	225	69947	19.99	ng	100
35) Caprolactam	8.48	113	14102	6.97	ng	88
36) 4-Chloro-3-methylphenol	8.62	107	130314	18.51	ng	89
37) 2-Methylnaphthalene	8.78	142	268292	18.85	ng	# 95
39) 1,2,4,5-Tetrachlorobenzene	8.95	216	118251	16.65	ng	# 1
40) Hexachlorocyclopentadiene	8.94	237	182168	52.27	ng	99
42) 2,4,6-Trichlorophenol	9.06	196	85469	18.26	ng	100

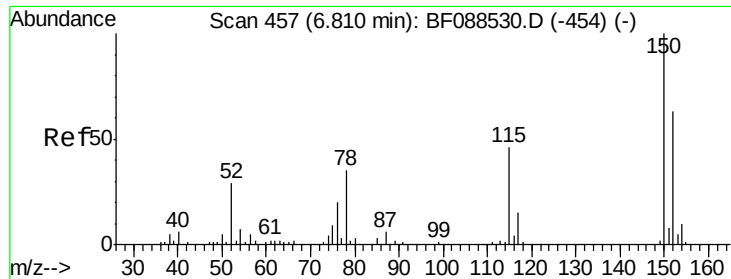
Data Path : Z:\HPCHEM1\BNA F\DATA\BF070316\
 Data File : BF088650.D
 Acq On : 3 Jul 2016 15:33
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 30 18:01:55 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	9.10	196	90055	22.36	nq	# 93
45) 1,1'-Biphenyl	9.24	154	363001	20.53	nq	99
46) 2-Chloronaphthalene	9.27	162	283046	20.39	nq	98
47) 2-Nitroaniline	9.36	65	95480	19.39	nq	97
48) Acenaphthylene	9.68	152	446013	20.20	nq	99
49) Dimethylphthalate	9.54	163	563723	37.06	nq	99
50) 2,6-Dinitrotoluene	9.60	165	67836	20.12	nq	# 37
51) Acenaphthene	9.85	154	292689	21.62	nq	99
52) 3-Nitroaniline	9.77	138	69652	16.25	nq	87
53) 2,4-Dinitrophenol	9.87	184	64052	43.03	nq	93
54) Dibenzofuran	10.02	168	387149	21.85	nq	# 90
55) 4-Nitrophenol	9.93	139	158899	48.79	nq	94
56) 2,4-Dinitrotoluene	10.00	165	87246	19.79	nq	# 39
57) Fluorene	10.36	166	305095	22.35	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.14	232	65652	21.07	nq	# 50
59) Diethylphthalate	10.25	149	344936	22.60	nq	98
60) 4-Chlorophenyl-phenylether	10.36	204	129216	20.37	nq	89
61) 4-Nitroaniline	10.38	138	72166	17.50	nq	89
62) Azobenzene	10.52	77	373631	21.46	nq	91
64) 4,6-Dinitro-2-methylphenol	10.41	198	41873	18.78	nq	# 69
65) n-Nitrosodiphenylamine	10.48	169	277830	19.70	nq	100
66) 4-Bromophenyl-phenylether	10.84	248	79415	18.91	nq	# 79
67) Hexachlorobenzene	10.91	284	89924	19.34	nq	# 80
68) Atrazine	11.00	200	85878	19.54	nq	91
69) Pentachlorophenol	11.11	266	137695	50.04	nq	98
70) Phenanthrene	11.32	178	458889	20.14	nq	98
71) Anthracene	11.37	178	461598	20.38	nq	99
72) Carbazole	11.52	167	400697	18.79	nq	99
73) Di-n-butylphthalate	11.86	149	485962	19.59	nq	99
74) Fluoranthene	12.50	202	458572	19.85	nq	99
76) Benzidine	12.63	184	58822	3.86	nq	98
77) Pyrene	12.73	202	472822	18.50	nq	98
79) Butylbenzylphthalate	13.36	149	210744	18.49	nq	95
80) Benzo(a)anthracene	13.91	228	366332	18.88	nq	99
81) 3,3'-Dichlorobenzidine	13.87	252	81926	11.23	nq	# 95
82) Chrysene	13.94	228	359209	18.71	nq	97
83) Bis(2-ethylhexyl)phthalate	13.92	149	287520	22.09	nq	99
84) Di-n-octyl phthalate	14.53	149	476940	21.57	nq	# 100
85) Indeno(1,2,3-cd)pyrene	16.64	276	279686	18.93	nq	# 100
87) Benzo(b)fluoranthene	14.95	252	631480	35.97	nq	# 97
88) Benzo(k)fluoranthene	14.95	252	631480	41.31	nq	97
89) Benzo(a)pyrene	15.26	252	295862	19.90	nq	# 96
90) Dibenzo(a,h)anthracene	16.66	278	233656	18.82	nq	97
91) Benzo(g,h,i)perylene	17.04	276	230396	17.94	nq	97

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

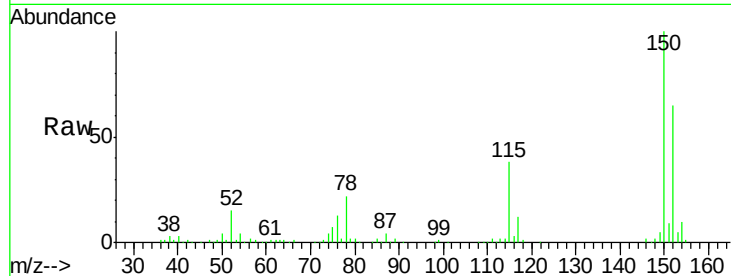


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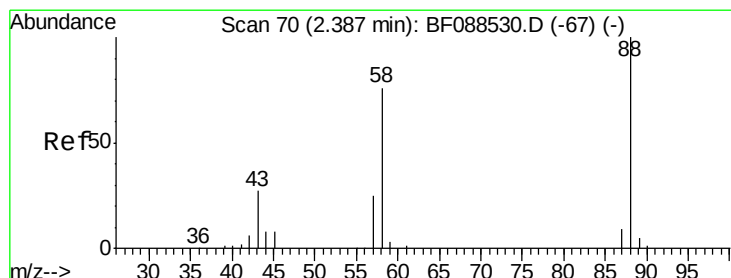
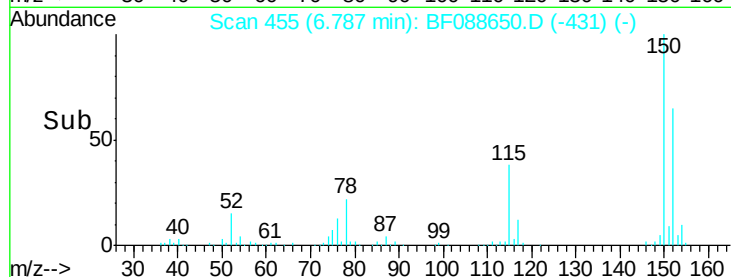
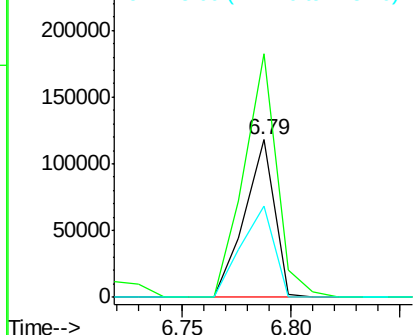
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.79 min Scan# 455
Delta R.T. -0.02 min
Lab File: BF088650.D
Acq: 3 Jul 2016 15:33

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 112706
Ion Ratio Lower Upper
152 100
150 154.8 123.8 185.6
115 58.3 39.6 59.4



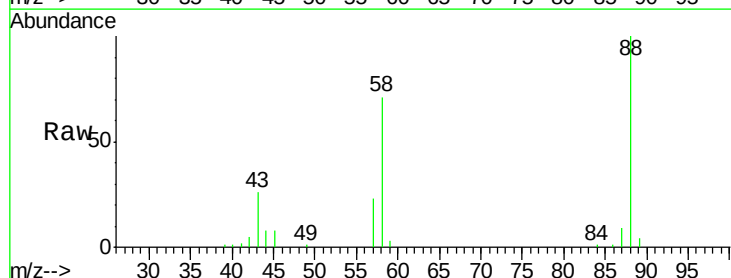
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



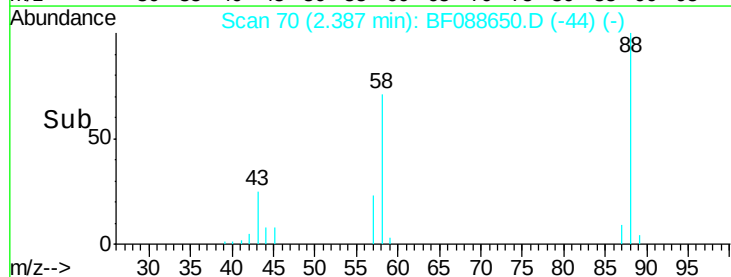
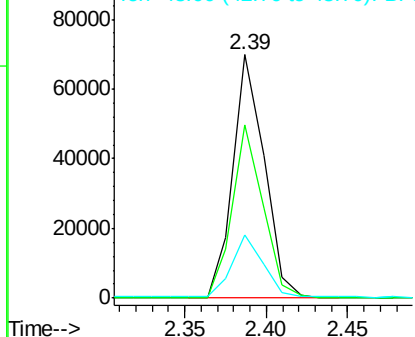
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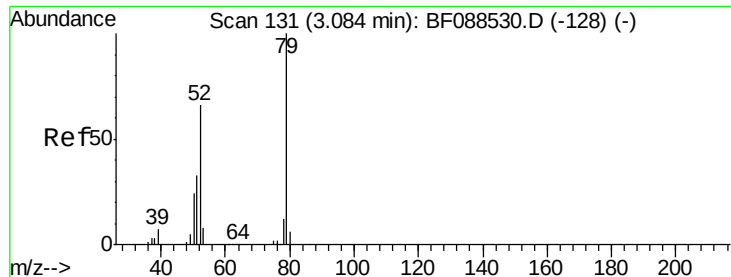
1,4-Dioxane
Concen: 24.80 ng
RT: 2.39 min Scan# 70
Delta R.T. -0.00 min
Lab File: BF088650.D
Acq: 3 Jul 2016 15:33

Tgt Ion: 88 Resp: 92471
Ion Ratio Lower Upper
88 100
58 69.7 0.0 0.0#
43 28.1 3.4 5.2#



Abundance Ion 88.00 (87.70 to 88.70): BF0
Ion 58.00 (57.70 to 58.70): BF0
Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 2.74 ng

RT: 3.10 min Scan# 132

Delta R.T. 0.01 min

Lab File: BF088650.D

Acq: 3 Jul 2016 15:33

Instrument :

BNA_F

ClientSampleId :

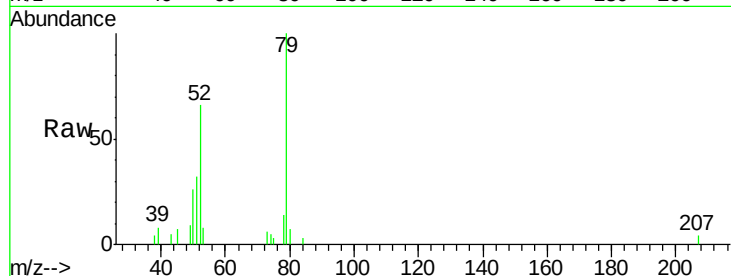
Tot Ion: 79 Resp: 29673

Ion Ratio Lower Upper

79 100

52 65.6 56.3 84.5

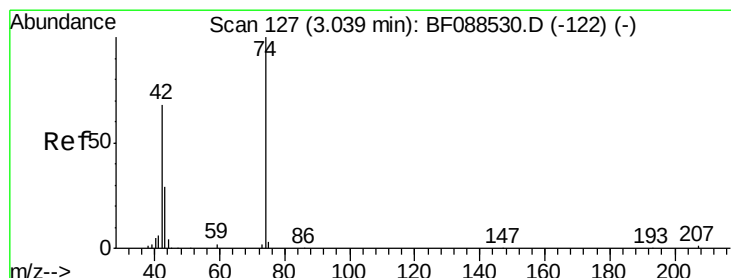
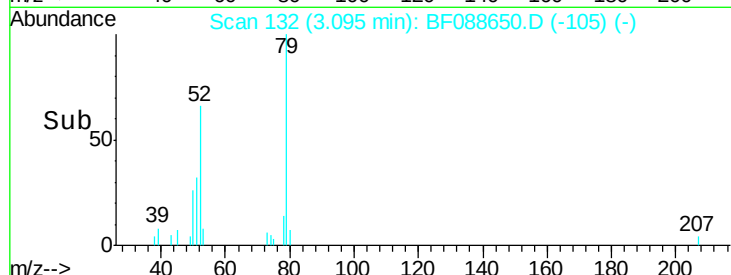
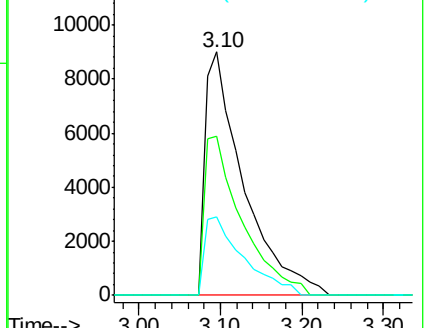
51 32.2 27.4 41.2



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: 15.24 ng

RT: 3.00 min Scan# 124

Delta R.T. -0.03 min

Lab File: BF088650.D

Acq: 3 Jul 2016 15:33

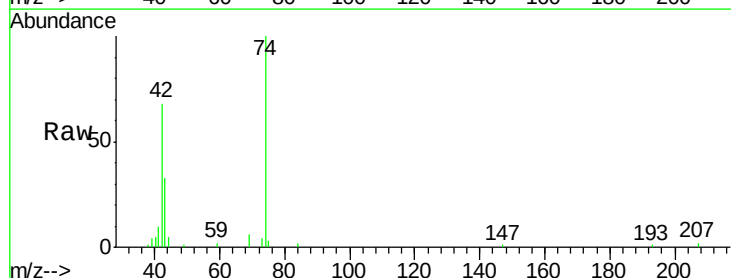
Tgt Ion: 42 Resp: 63010

Ion Ratio Lower Upper

42 100

74 147.1 108.6 163.0

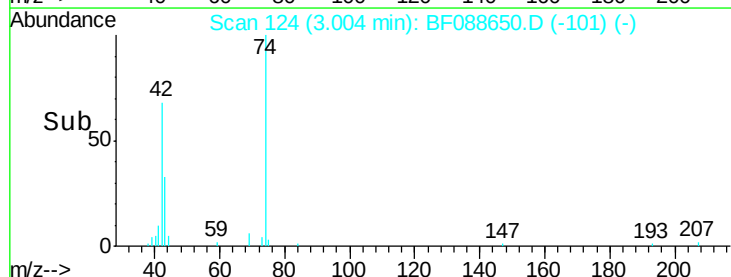
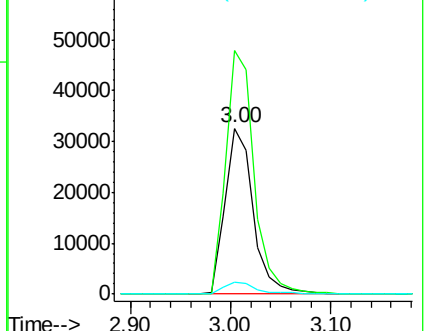
44 7.1 5.5 8.3

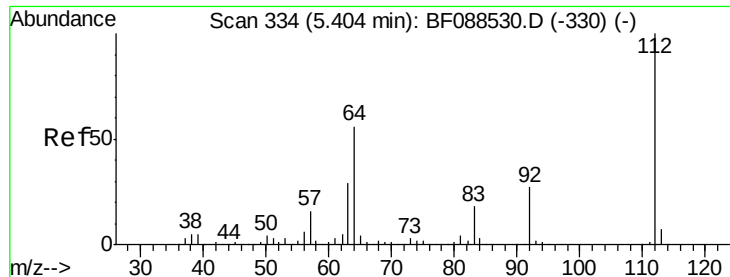


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 103.28 ng

RT: 5.38 min Scan# 332

Delta R.T. -0.02 min

Lab File: BF088650.D

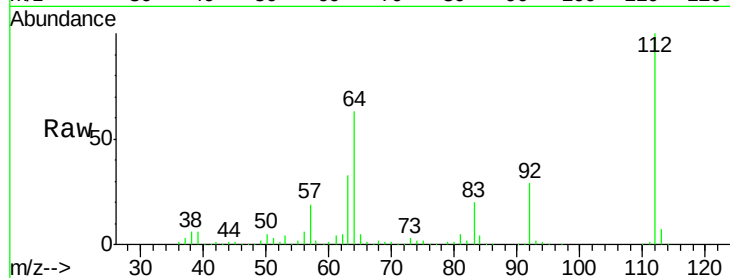
Acq: 3 Jul 2016 15:33

Instrument :

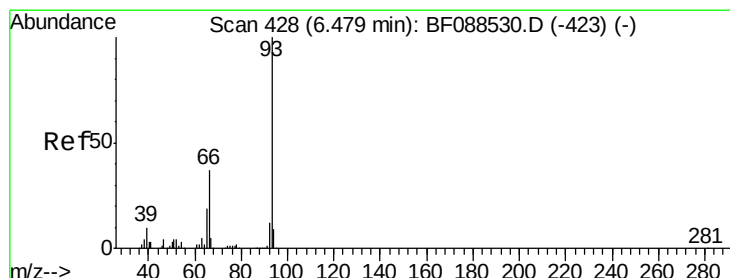
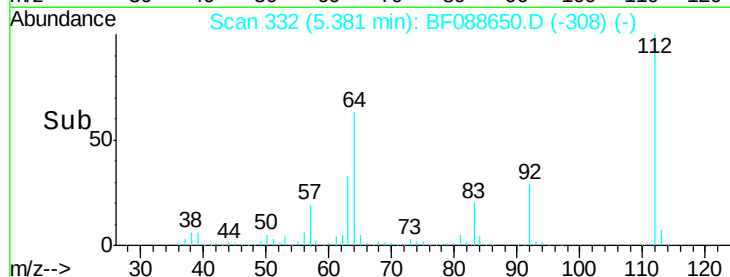
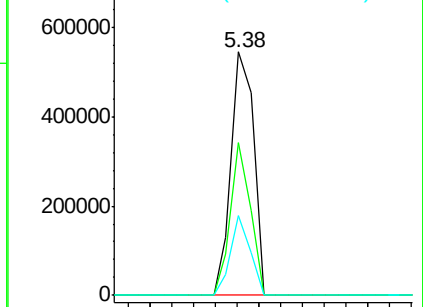
BNA_F

ClientSampleId :

Tot Ion:	112	Resp:	776693
Ion	Ratio	Lower	Upper
112	100		
64	62.6	42.2	63.2
63	32.6	21.8	32.8



Abundance Ion 112.00 (111.70 to 112.70): E



#6

Aniline

Concen: 7.69 ng

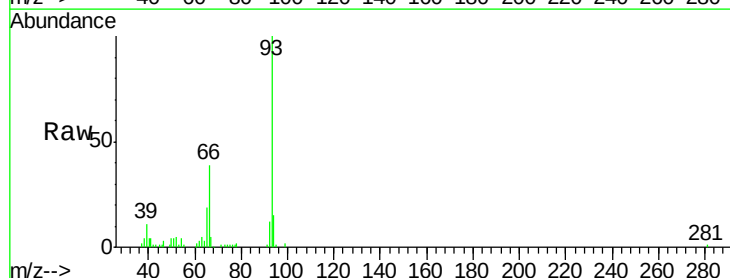
RT: 6.44 min Scan# 425

Delta R.T. -0.03 min

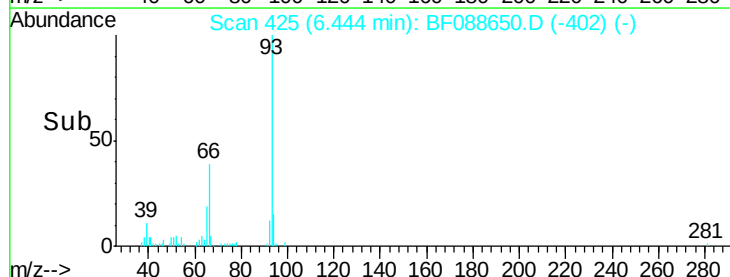
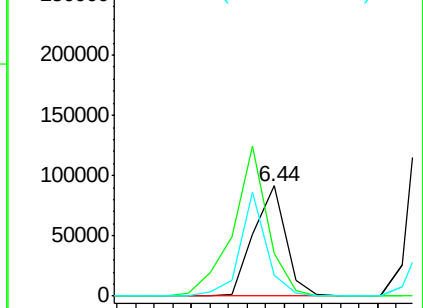
Lab File: BF088650.D

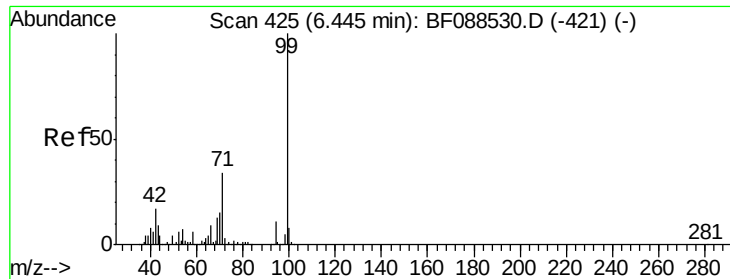
Acq: 3 Jul 2016 15:33

Tgt Ion:	93	Resp:	108946
Ion	Ratio	Lower	Upper
93	100		
66	38.7	29.8	44.8
65	19.4	14.9	22.3



Abundance Ion 93.00 (92.70 to 93.70): BF0





#7

Phenol-d6

Concen: 97.46 ng

RT: 6.42 min Scan# 423

Delta R.T. -0.02 min

Lab File: BF088650.D

Acq: 3 Jul 2016 15:33

Instrument :

BNA_F

ClientSampleId :

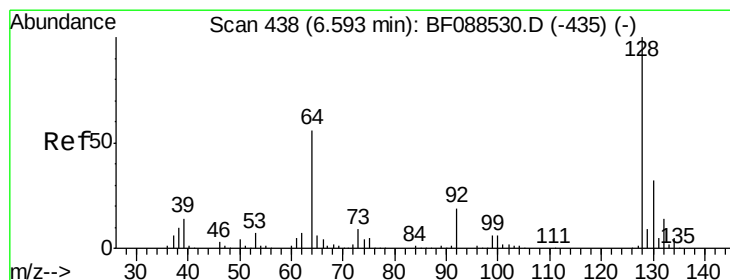
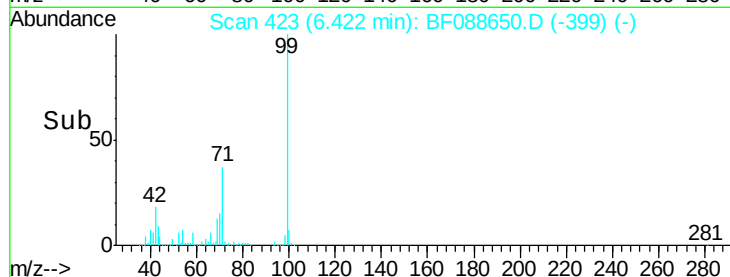
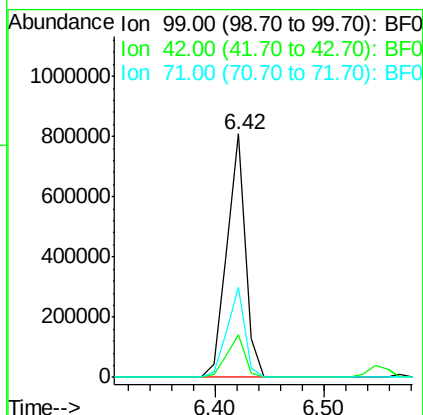
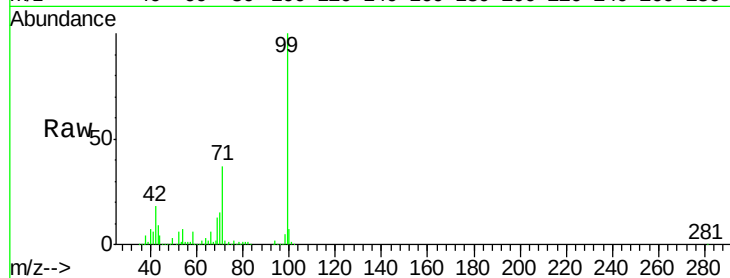
Tot Ion: 99 Resp: 946994

Ion Ratio Lower Upper

99 100

42 17.7 12.2 18.2

71 36.8 23.4 35.0#



#8

2-Chlorophenol

Concen: 19.08 ng

RT: 6.57 min Scan# 436

Delta R.T. -0.02 min

Lab File: BF088650.D

Acq: 3 Jul 2016 15:33

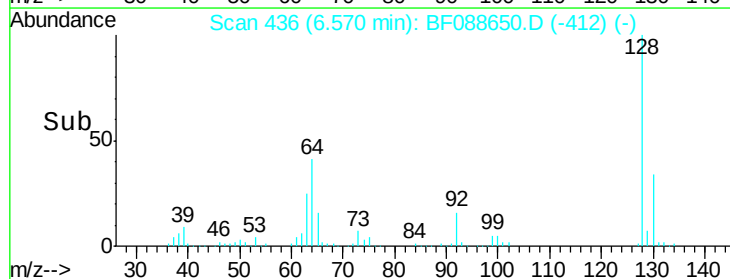
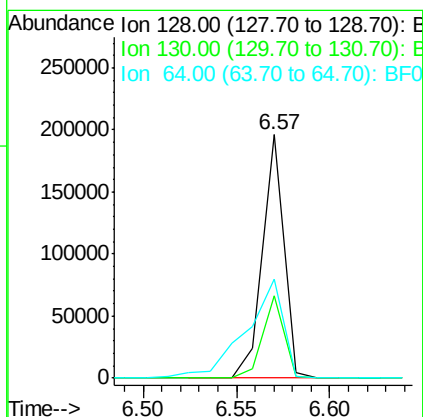
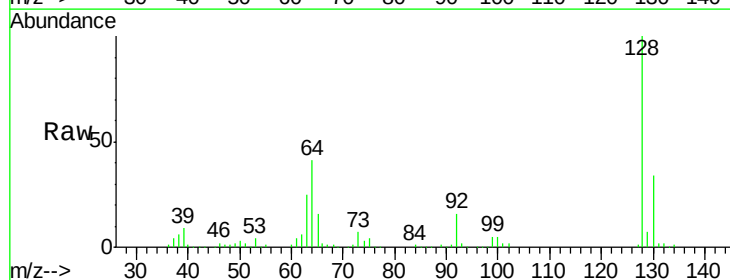
Tgt Ion: 128 Resp: 154184

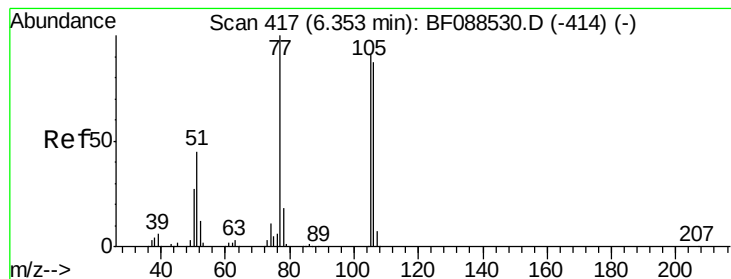
Ion Ratio Lower Upper

128 100

130 33.6 12.0 52.0

64 40.8 30.8 70.8





#9

Benzaldehyde

Concen: 14.68 ng

RT: 6.32 min Scan# 414

Delta R.T. -0.03 min

Lab File: BF088650.D

Acq: 3 Jul 2016 15:33

Instrument :

BNA_F

ClientSampled :

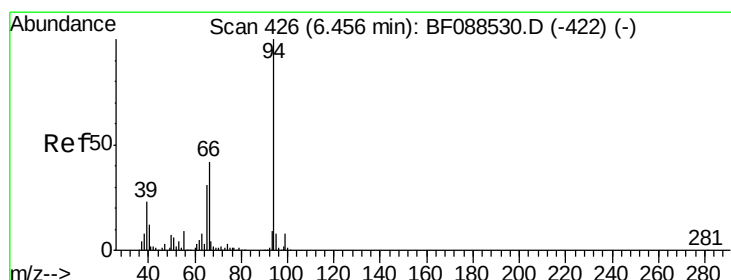
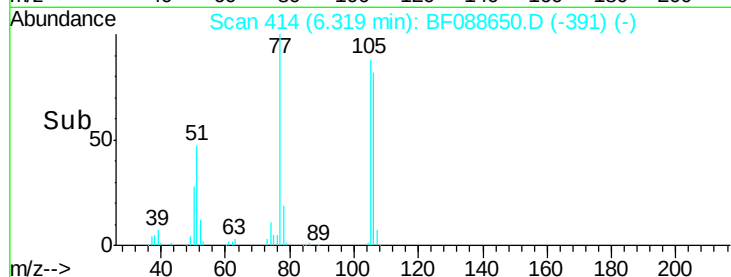
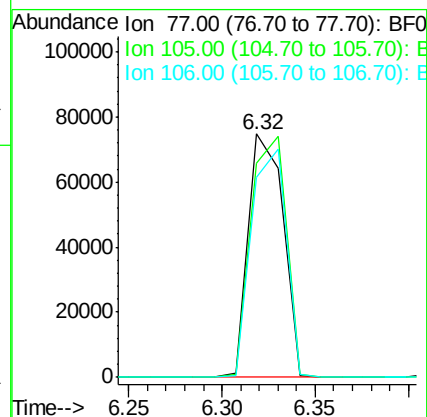
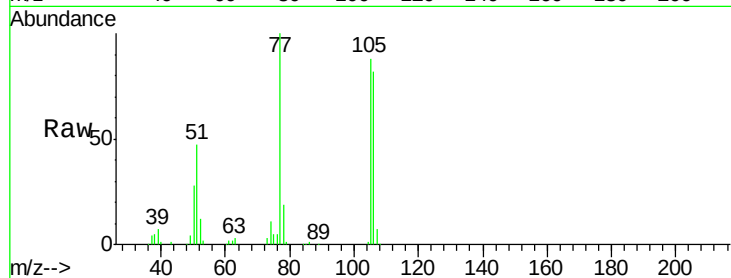
Tot Ion: 77 Resp: 96616

Ion Ratio Lower Upper

77 100

105 87.7 90.6 130.6#

106 82.1 85.3 125.3#



#10

Phenol

Concen: 18.36 ng

RT: 6.43 min Scan# 424

Delta R.T. -0.02 min

Lab File: BF088650.D

Acq: 3 Jul 2016 15:33

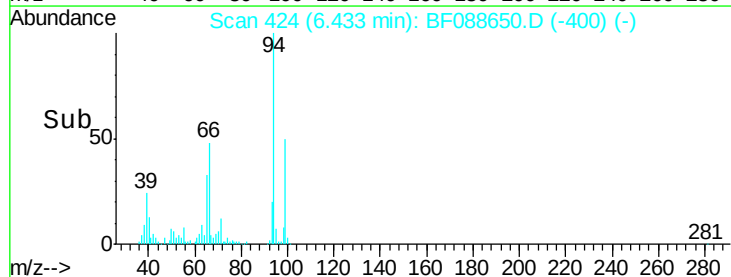
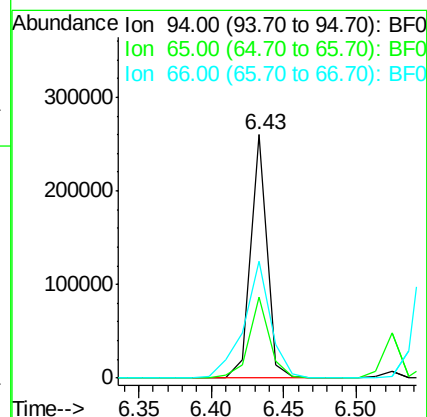
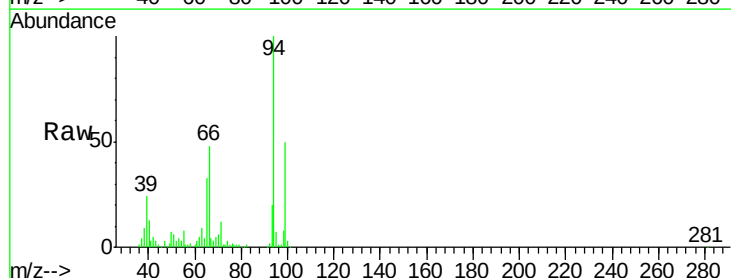
Tgt Ion: 94 Resp: 203601

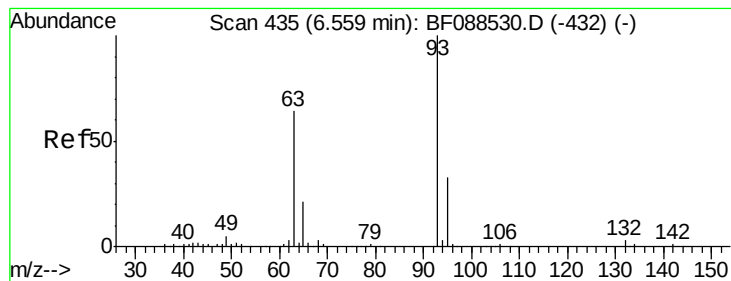
Ion Ratio Lower Upper

94 100

65 33.3 5.9 45.9

66 47.9 14.0 54.0

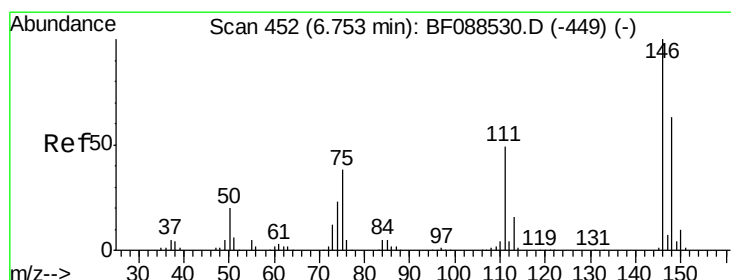
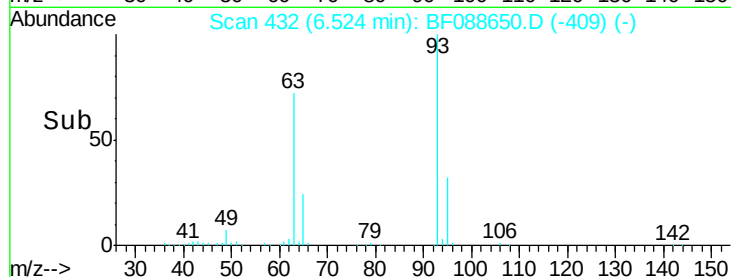
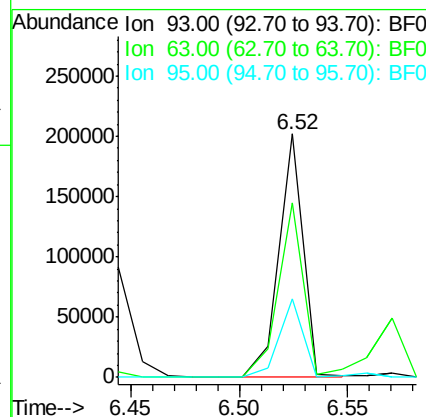
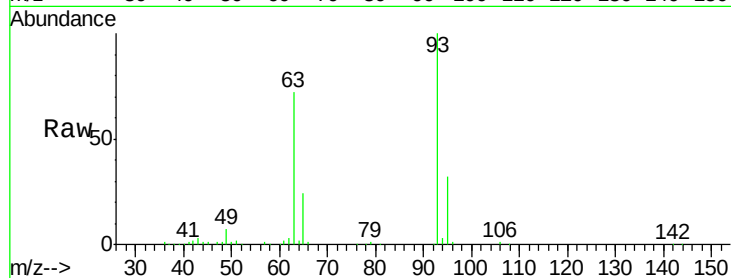




#11
bis(2-Chloroethyl)ether
Concen: 18.97 ng
RT: 6.52 min Scan# 432
Delta R.T. -0.03 min
Lab File: BF088650.D
Acq: 3 Jul 2016 15:33

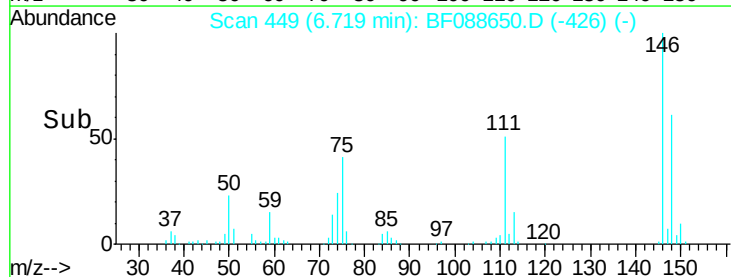
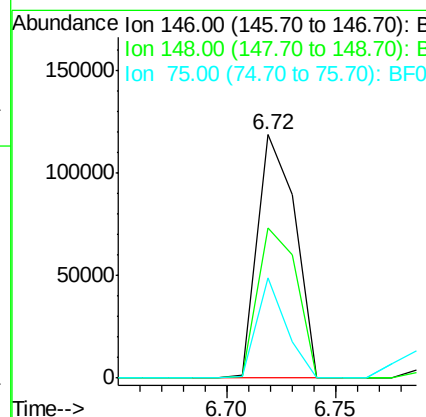
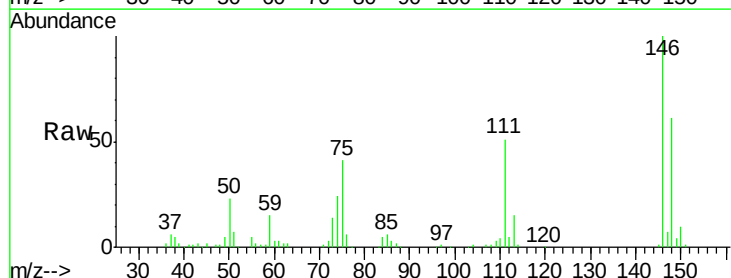
Instrument :
BNA_F
ClientSampleId :

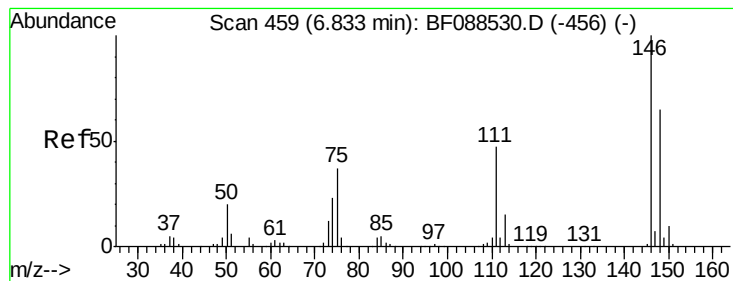
Tot Ion: 93 Resp: 156922
Ion Ratio Lower Upper
93 100
63 71.9 67.6 107.6
95 32.0 12.5 52.5



#12
1,3-Dichlorobenzene
Concen: 16.14 ng
RT: 6.72 min Scan# 449
Delta R.T. -0.03 min
Lab File: BF088650.D
Acq: 3 Jul 2016 15:33

Tgt Ion: 146 Resp: 143537
Ion Ratio Lower Upper
146 100
148 61.5 50.9 76.3
75 41.3 25.6 38.4#





#13

1,4-Dichlorobenzene

Concen: 16.64 ng

RT: 6.80 min Scan# 456

Delta R.T. -0.03 min

Lab File: BF088650.D

Acq: 3 Jul 2016 15:33

Instrument :

BNA_F

ClientSampleId :

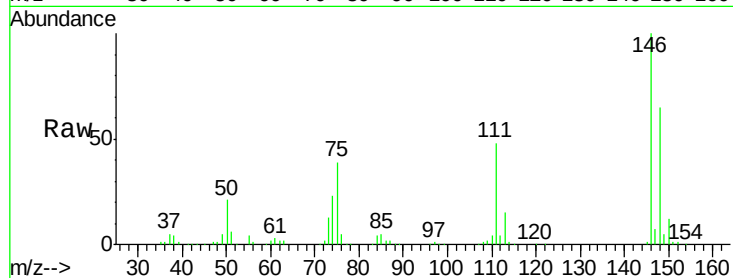
Tot Ion:146 Resp: 146886

Ion Ratio Lower Upper

146 100

148 64.8 52.0 78.0

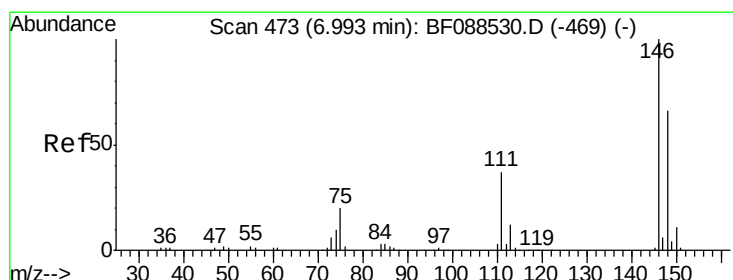
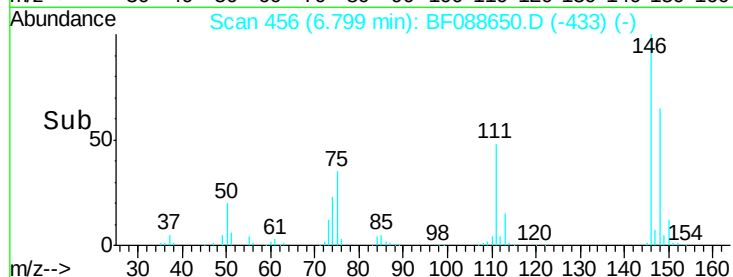
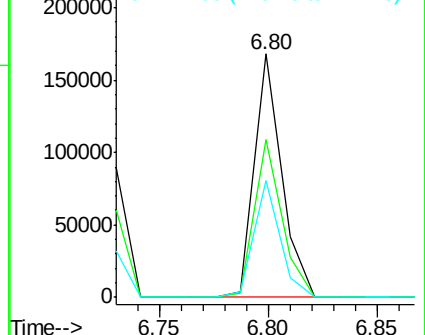
111 48.0 33.8 50.8



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 17.46 ng

RT: 6.96 min Scan# 470

Delta R.T. -0.03 min

Lab File: BF088650.D

Acq: 3 Jul 2016 15:33

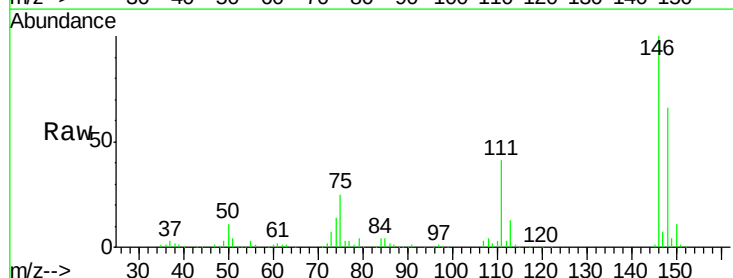
Tgt Ion:146 Resp: 144263

Ion Ratio Lower Upper

146 100

148 65.7 52.3 78.5

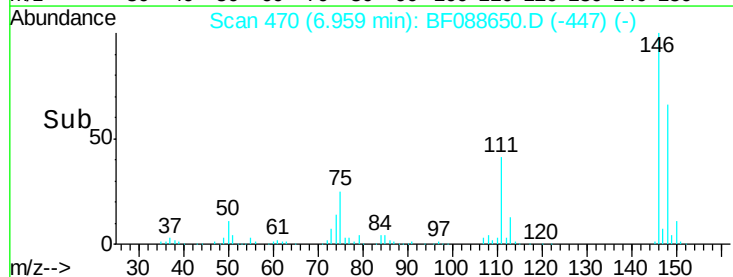
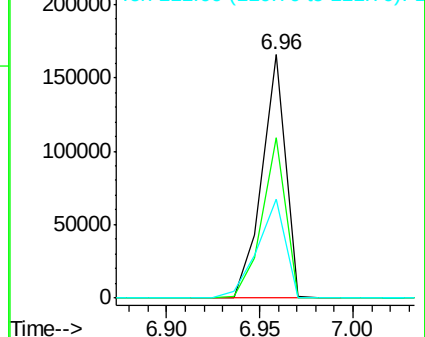
111 40.6 28.7 43.1

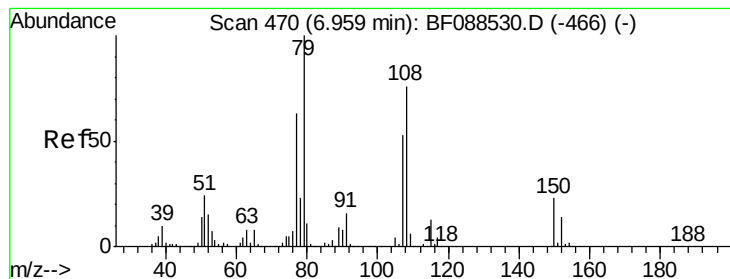


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 19.45 ng

RT: 6.92 min Scan# 467

Delta R.T. -0.03 min

Lab File: BF088650.D

Acq: 3 Jul 2016 15:33

Instrument :

BNA_F

ClientSampleId :

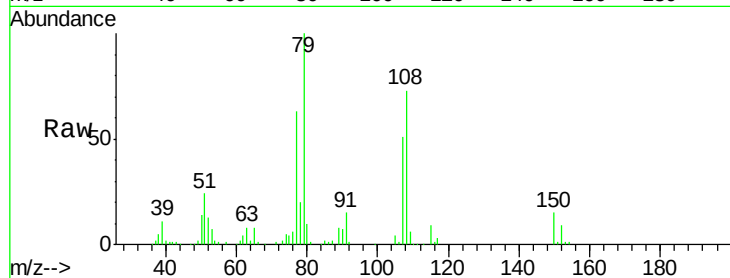
Tot Ion: 79 Resp: 139090

Ion Ratio Lower Upper

79 100

108 72.9 65.0 97.6

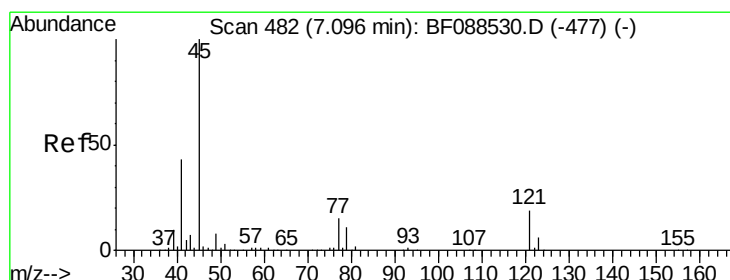
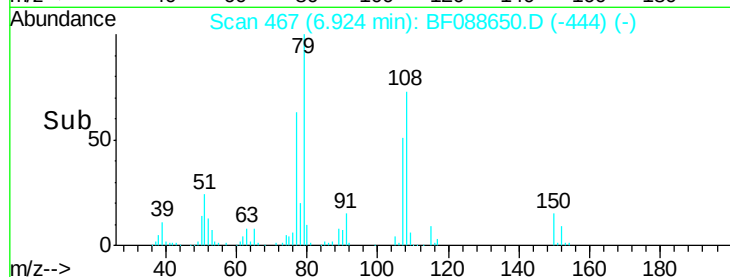
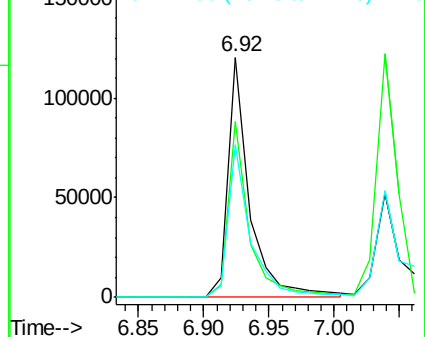
77 63.3 50.3 75.5



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-chloropropane)

Concen: 16.75 ng

RT: 7.07 min Scan# 480

Delta R.T. -0.02 min

Lab File: BF088650.D

Acq: 3 Jul 2016 15:33

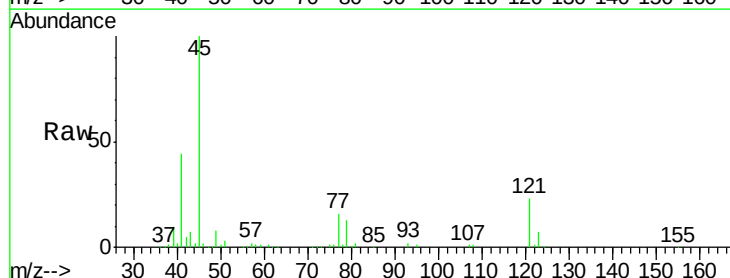
Tgt Ion: 45 Resp: 200569

Ion Ratio Lower Upper

45 100

77 16.0 0.0 32.5

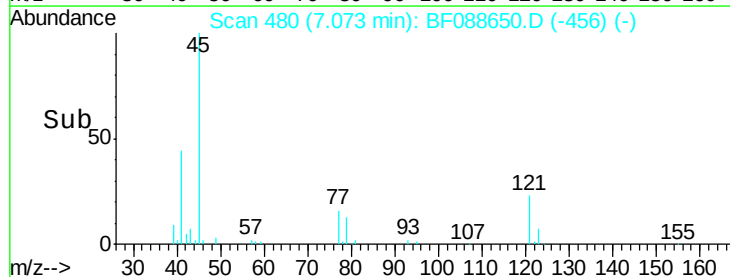
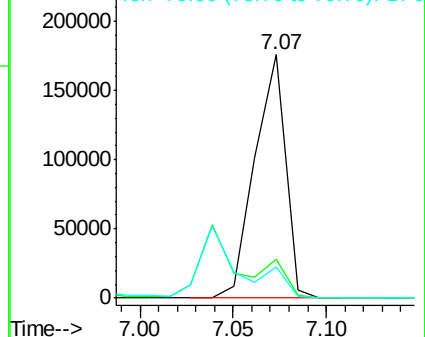
79 12.8 0.0 29.5

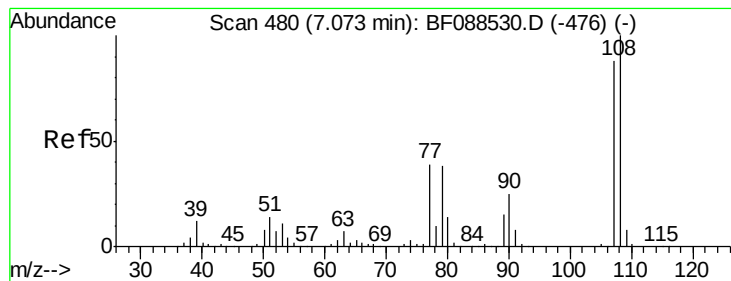


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

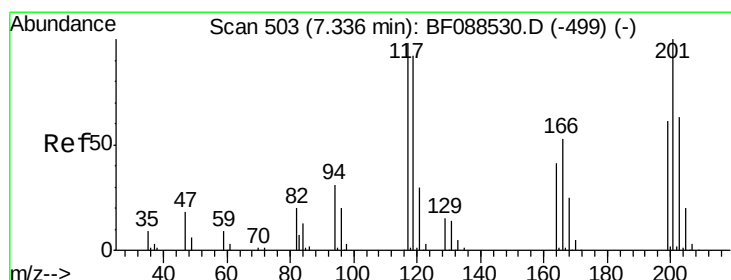
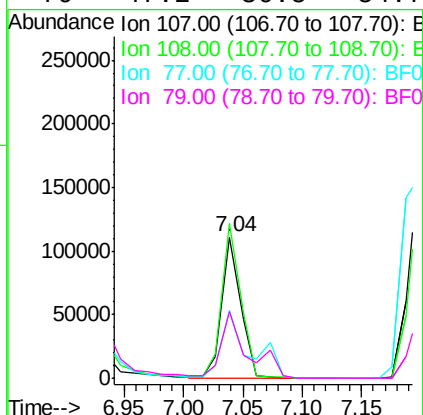
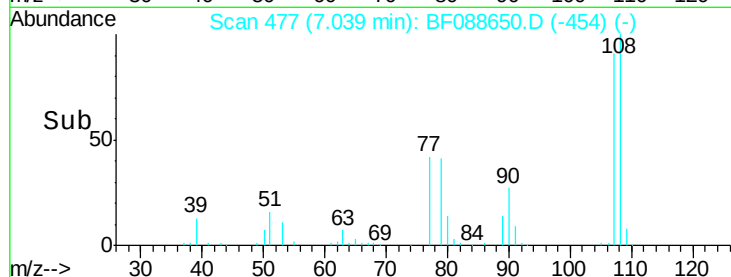
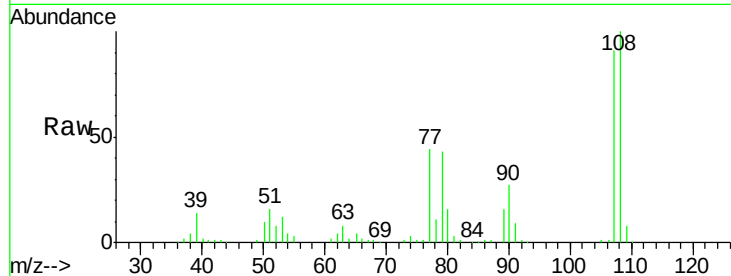




#17
2-Methylphenol
Concen: 18.62 ng
RT: 7.04 min Scan# 477
Delta R.T. -0.03 min
Lab File: BF088650.D
Acq: 3 Jul 2016 15:33

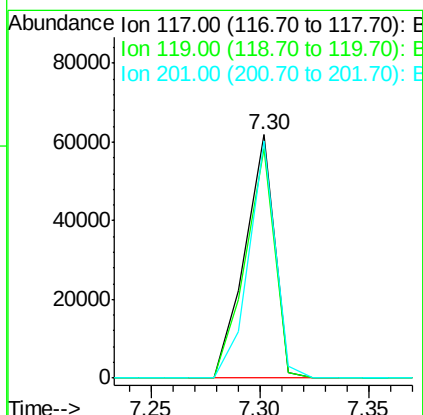
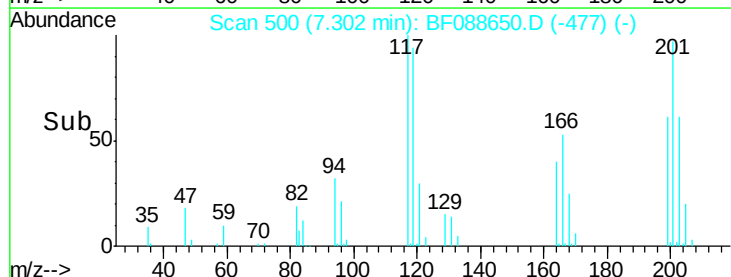
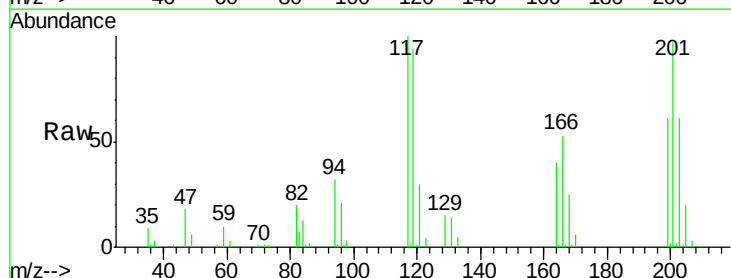
Instrument :
BNA_F
ClientSampleId :

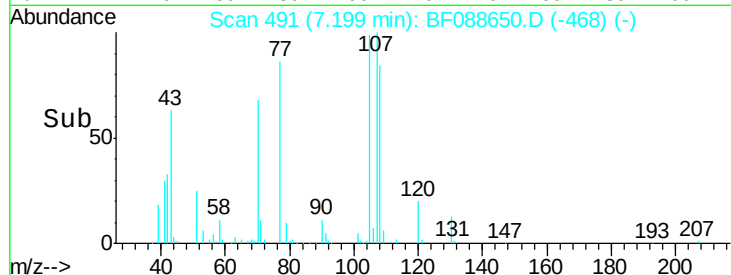
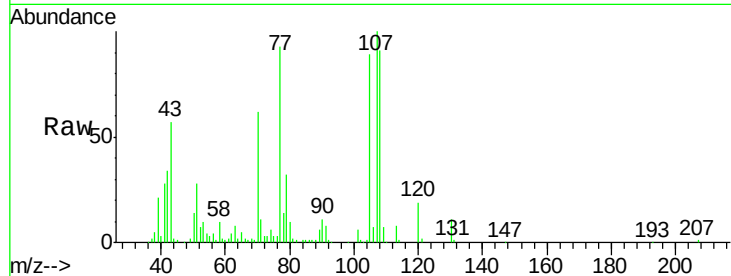
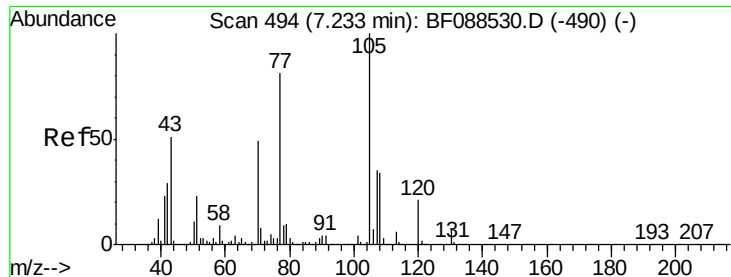
Tot Ion:	107	Resp:	122770
Ion	Ratio	Lower	Upper
107	100		
108	110.0	90.9	136.3
77	48.0	36.6	55.0
79	47.2	36.5	54.7



#18
Hexachloroethane
Concen: 17.15 ng
RT: 7.30 min Scan# 500
Delta R.T. -0.03 min
Lab File: BF088650.D
Acq: 3 Jul 2016 15:33

Tgt Ion:	117	Resp:	58569
Ion	Ratio	Lower	Upper
117	100		
119	94.3	77.4	116.2
201	97.4	80.4	120.6

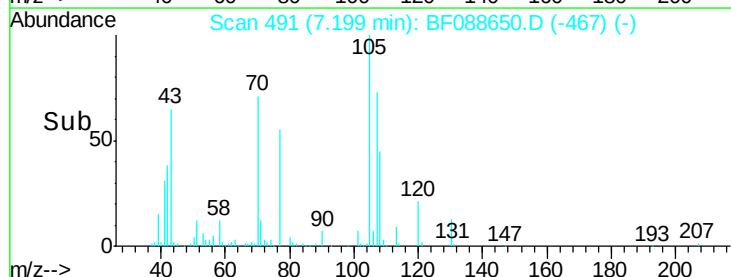
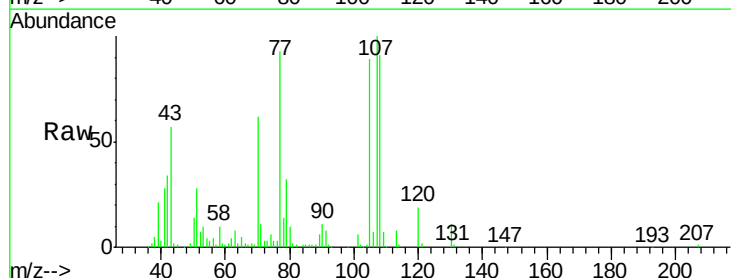
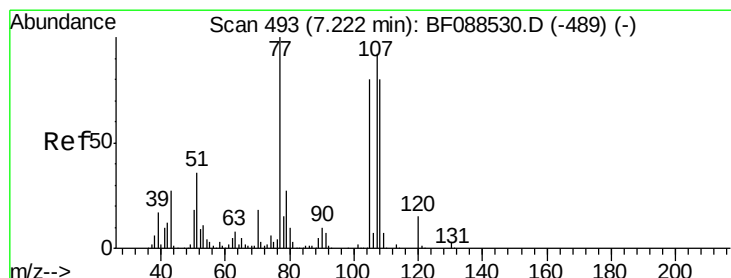
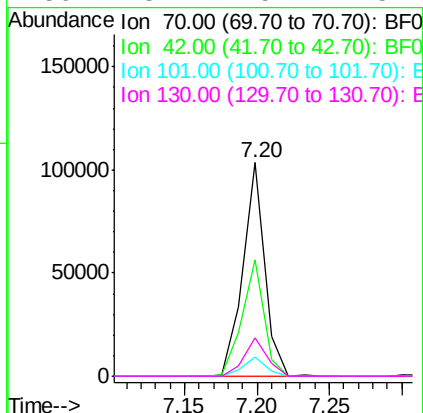




#19
n-Nitroso-di-n-propylamine
Concen: 16.58 ng
RT: 7.20 min Scan# 491
Delta R.T. -0.03 min
Lab File: BF088650.D
Acq: 3 Jul 2016 15:33

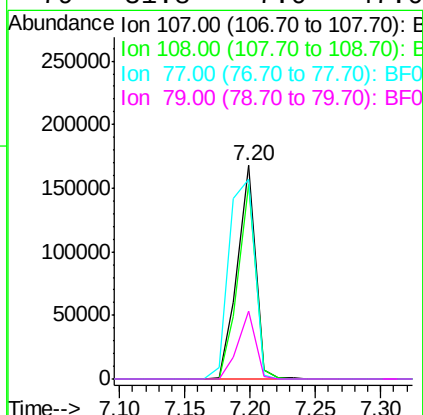
Instrument :
BNA_F
ClientSampleId :

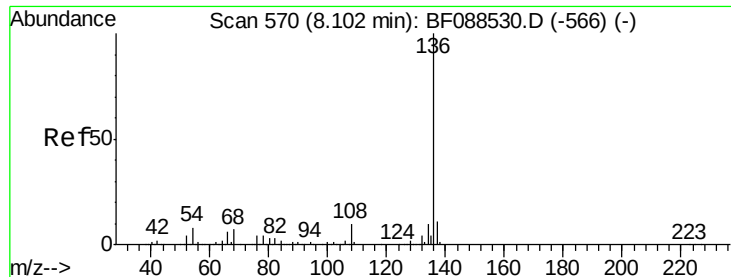
Tot Ion: 70 Resp: 108223
Ion Ratio Lower Upper
70 100
42 54.4 49.6 74.4
101 9.2 7.1 10.7
130 18.2 15.4 23.2



#20
3+4-Methylphenols
Concen: 20.64 ng
RT: 7.20 min Scan# 491
Delta R.T. -0.02 min
Lab File: BF088650.D
Acq: 3 Jul 2016 15:33

Tgt Ion:107 Resp: 163307
Ion Ratio Lower Upper
107 100
108 91.0 67.8 107.8
77 93.4 59.3 99.3
79 31.8 7.0 47.0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.07 min Scan# 567

Delta R.T. -0.03 min

Lab File: BF088650.D

Acq: 3 Jul 2016 15:33

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 448308

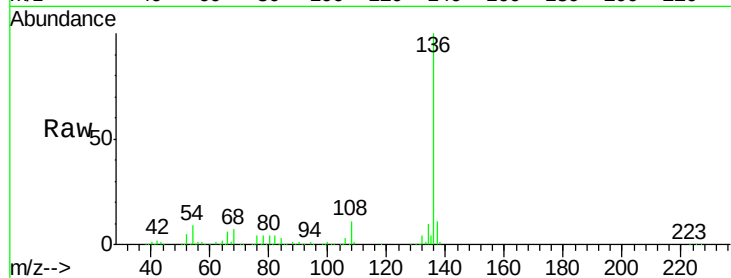
Ion Ratio Lower Upper

136 100

137 11.0 9.1 13.7

54 8.7 6.6 10.0

68 7.4 5.1 7.7

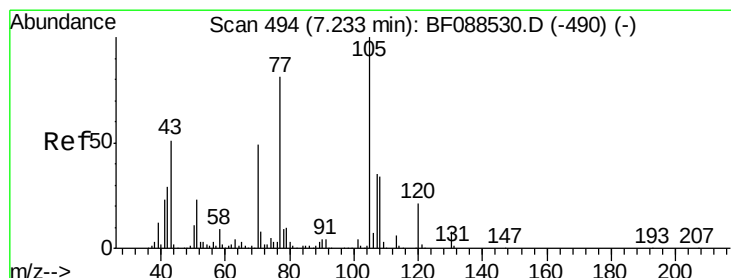
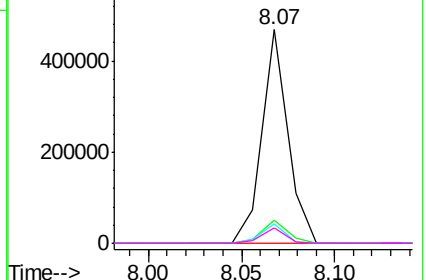
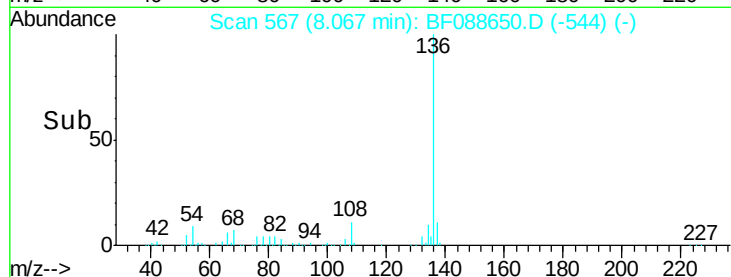


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 19.59 ng

RT: 7.19 min Scan# 490

Delta R.T. -0.05 min

Lab File: BF088650.D

Acq: 3 Jul 2016 15:33

Tgt Ion:105 Resp: 213175

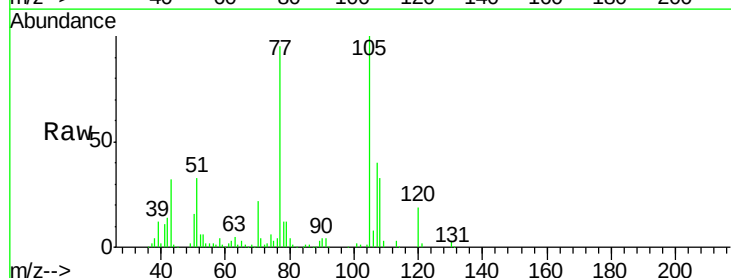
Ion Ratio Lower Upper

105 100

71 3.9 5.3 7.9#

51 33.0 18.2 27.4#

120 19.1 18.0 27.0

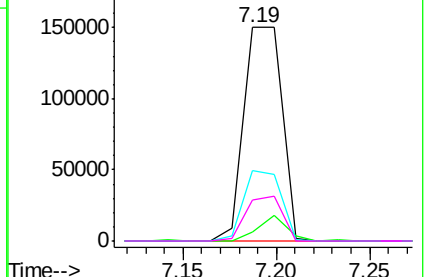
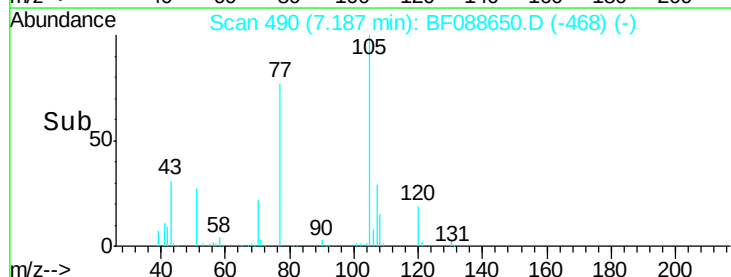


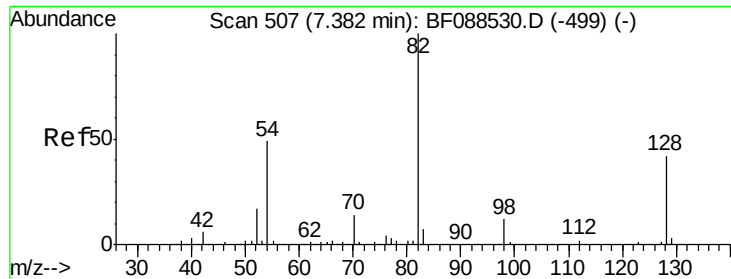
Abundance Ion 105.00 (104.70 to 105.70): E

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

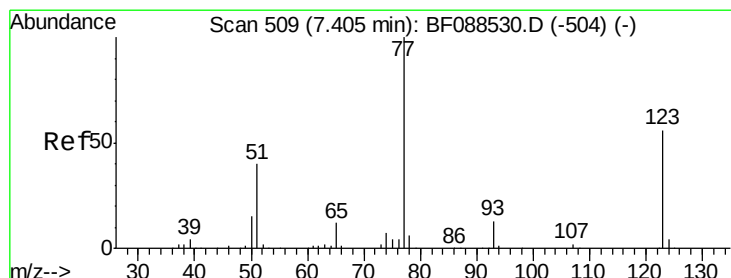
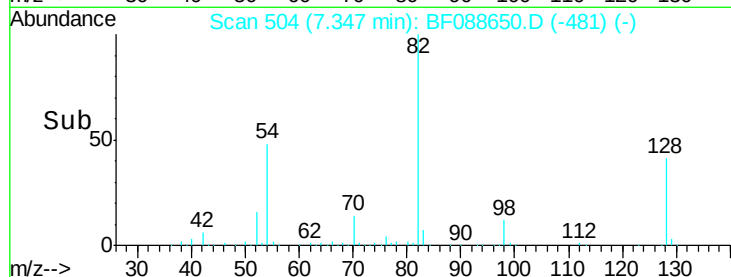
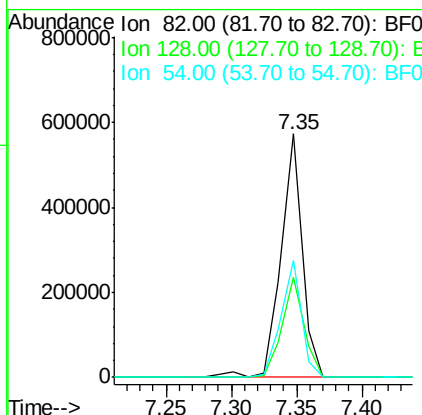
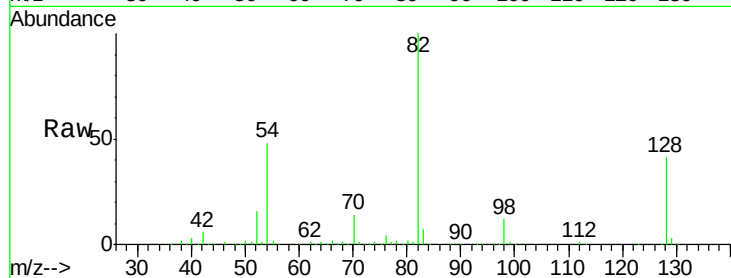




#23
 Nitrobenzene-d5
 Concen: 74.90 ng
 RT: 7.35 min Scan# 504
 Delta R.T. -0.03 min
 Lab File: BF088650.D
 Acq: 3 Jul 2016 15:33

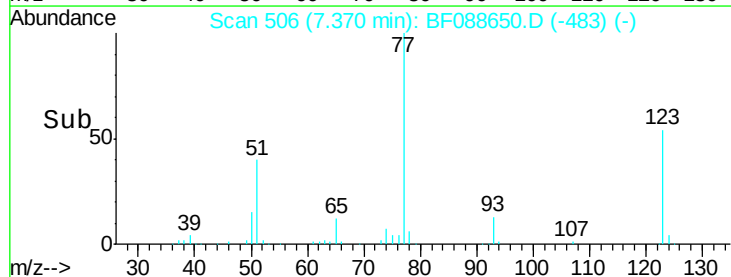
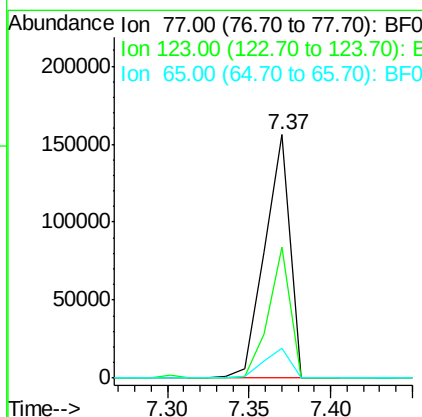
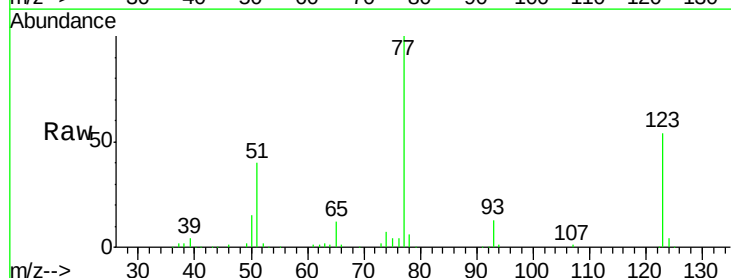
Instrument :
 BNA_F
 ClientSampleId :

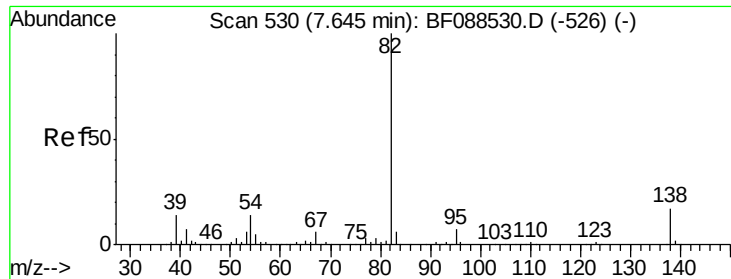
Tot Ion	82	Resp	640760
Ion Ratio	Lower	Upper	
82	100		
128	41.0	35.9	53.9
54	48.0	40.9	61.3



#24
 Nitrobenzene
 Concen: 19.37 ng
 RT: 7.37 min Scan# 506
 Delta R.T. -0.03 min
 Lab File: BF088650.D
 Acq: 3 Jul 2016 15:33

Tgt Ion	77	Resp	167034
Ion Ratio	Lower	Upper	
77	100		
123	53.6	45.0	67.4
65	12.3	10.2	15.2





#25

Isophorone

Concen: 19.36 ng

RT: 7.61 min Scan# 527

Delta R.T. -0.03 min

Lab File: BF088650.D

Acq: 3 Jul 2016 15:33

Instrument :

BNA_F

ClientSampleId :

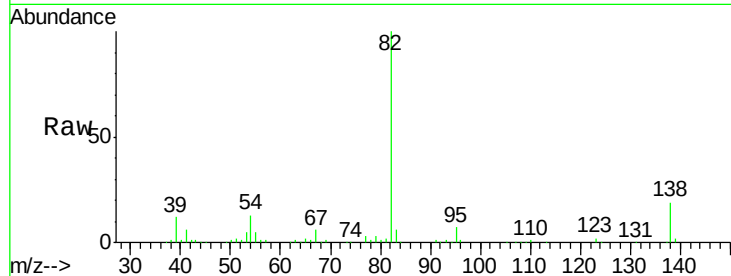
Tot Ion: 82 Resp: 306848

Ion Ratio Lower Upper

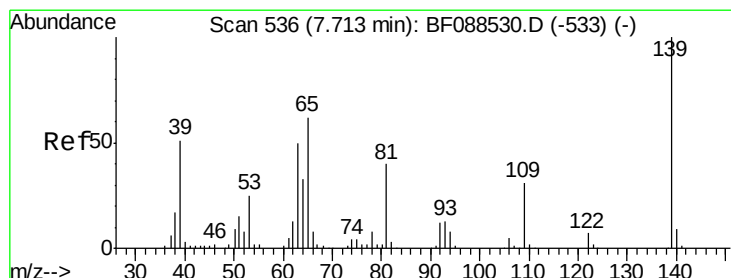
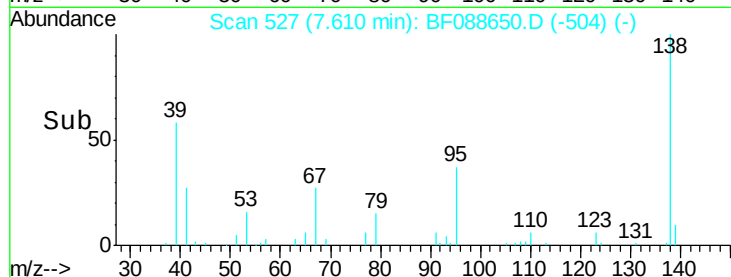
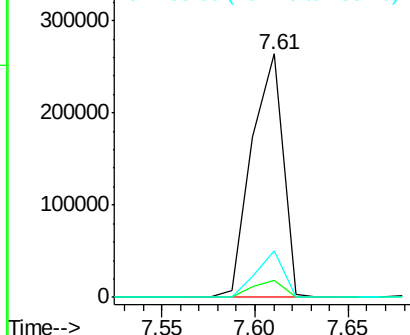
82 100

95 7.1 5.4 8.2

138 19.2 14.6 21.8



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 19.68 ng

RT: 7.68 min Scan# 533

Delta R.T. -0.03 min

Lab File: BF088650.D

Acq: 3 Jul 2016 15:33

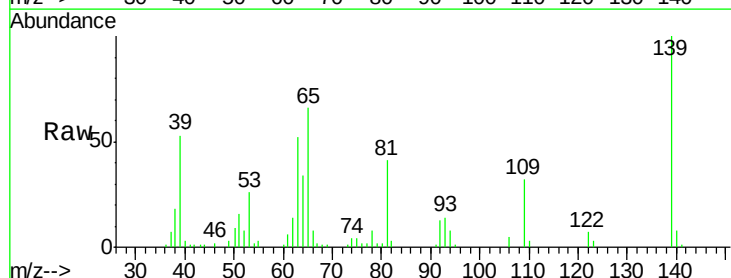
Tgt Ion: 139 Resp: 69598

Ion Ratio Lower Upper

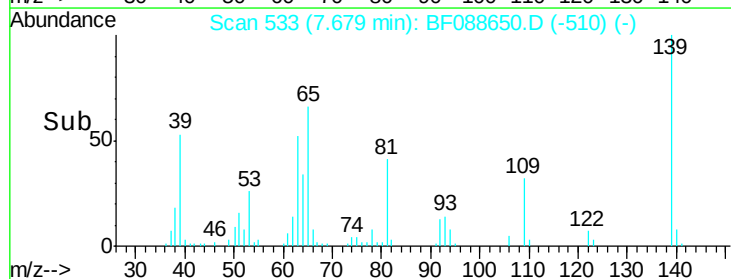
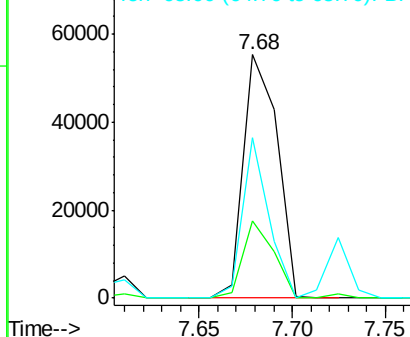
139 100

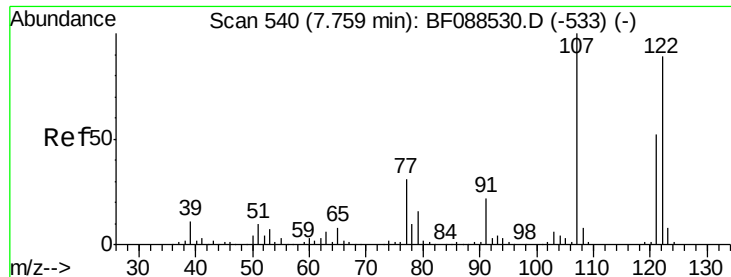
109 31.8 23.0 34.4

65 65.7 45.8 68.8



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

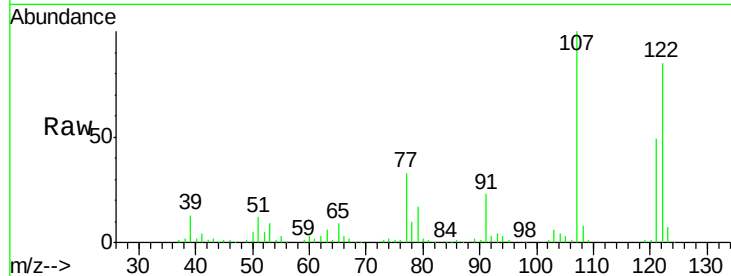




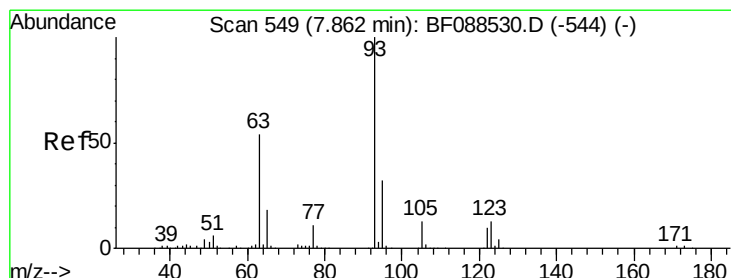
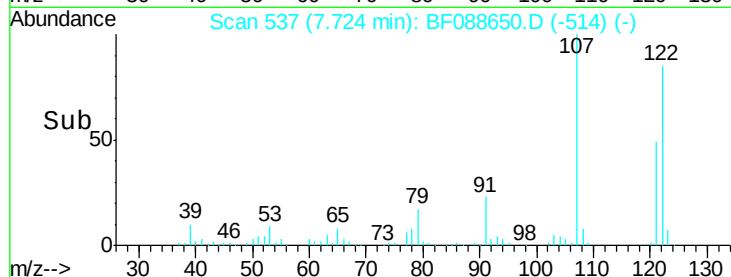
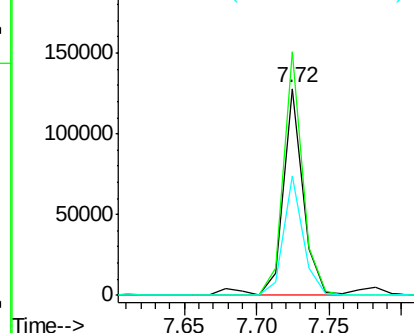
#27
2,4-Dimethylphenol
Concen: 16.89 ng
RT: 7.72 min Scan# 537
Delta R.T. -0.03 min
Lab File: BF088650.D
Acq: 3 Jul 2016 15:33

Instrument :
BNA_F
ClientSampled :

Tot Ion:122 Resp: 124414
Ion Ratio Lower Upper
122 100
107 117.7 82.4 123.6
121 58.0 46.3 69.5

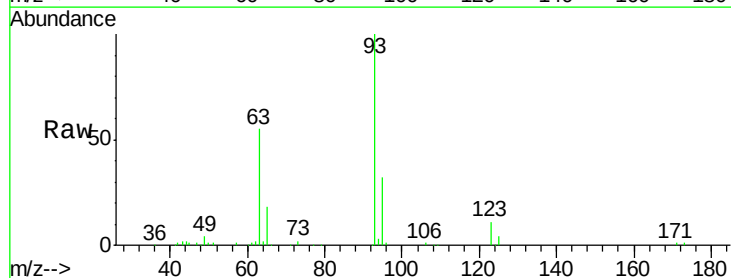


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

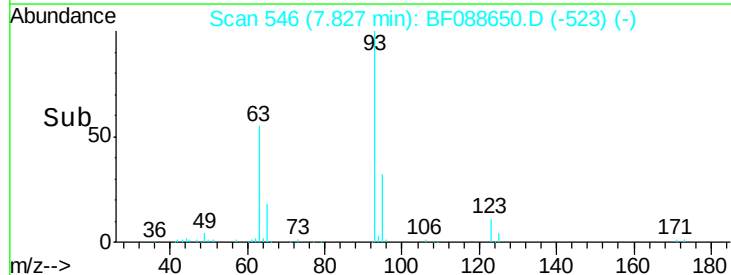
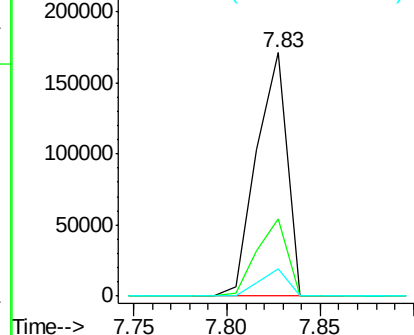


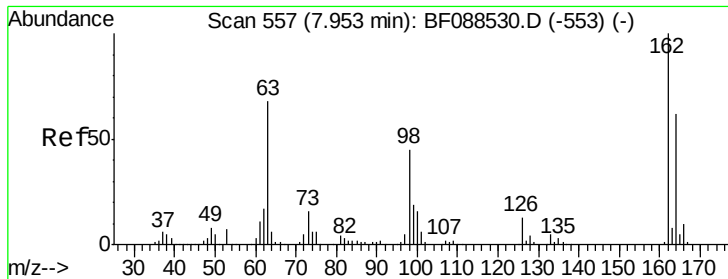
#28
bis(2-Chloroethoxy)methane
Concen: 18.72 ng
RT: 7.83 min Scan# 546
Delta R.T. -0.03 min
Lab File: BF088650.D
Acq: 3 Jul 2016 15:33

Tgt Ion: 93 Resp: 193022
Ion Ratio Lower Upper
93 100
95 31.9 26.5 39.7
123 11.1 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): E

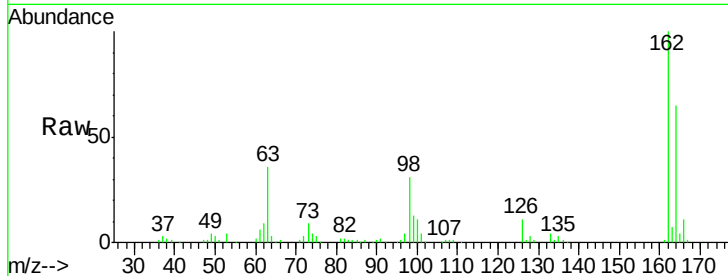




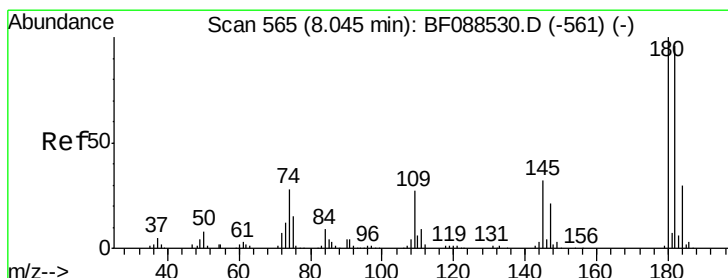
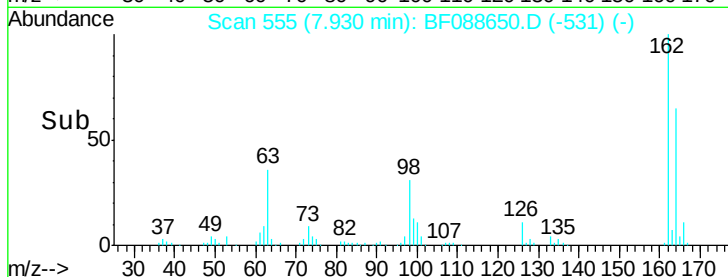
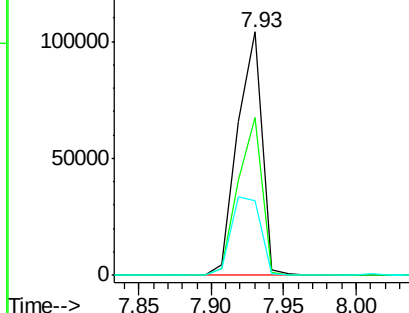
#29
 2,4-Dichlorophenol
 Concen: 20.42 ng
 RT: 7.93 min Scan# 555
 Delta R.T. -0.02 min
 Lab File: BF088650.D
 Acq: 3 Jul 2016 15:33

Instrument :
 BNA_F
 ClientSampleID :

Tot Ion	Ratio	Lower	Upper
162	100		
164	65.0	43.8	83.8
98	30.8	21.3	61.3

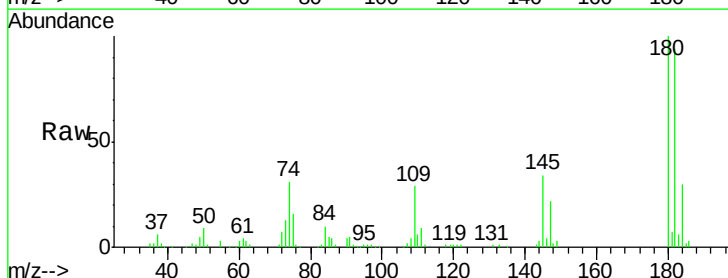


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): B

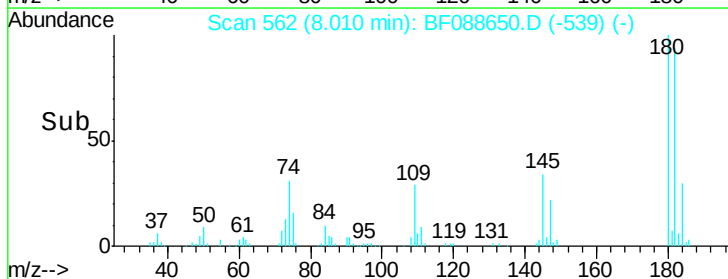
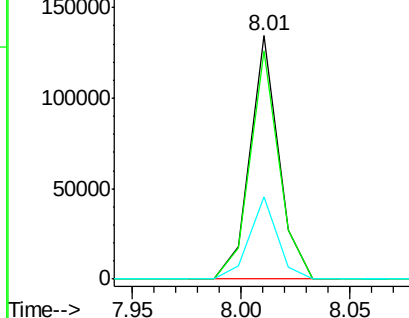


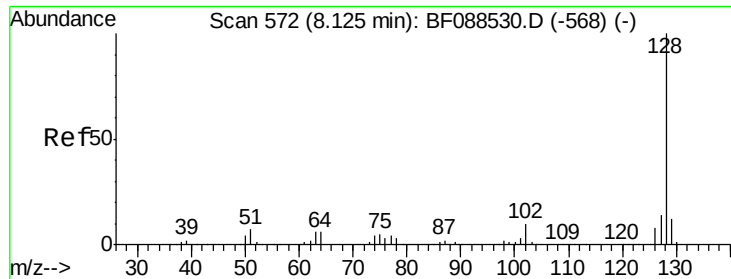
#30
 1,2,4-Trichlorobenzene
 Concen: 18.88 ng
 RT: 8.01 min Scan# 562
 Delta R.T. -0.03 min
 Lab File: BF088650.D
 Acq: 3 Jul 2016 15:33

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.8	76.0	114.0
145	33.8	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

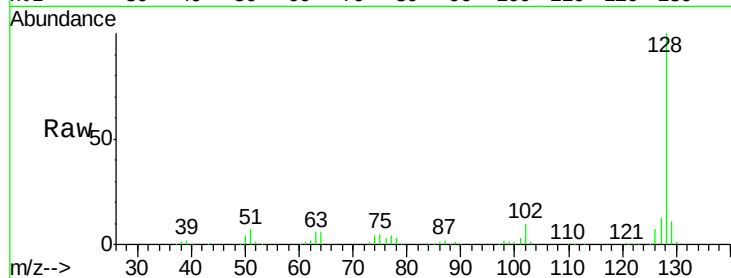




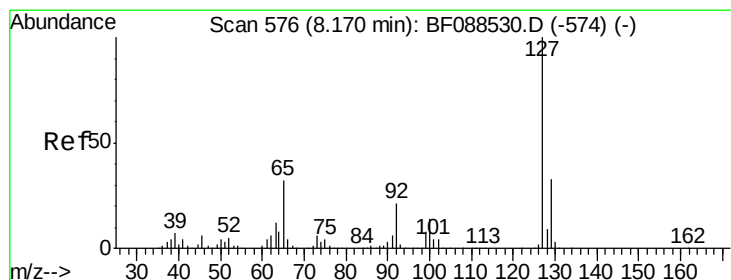
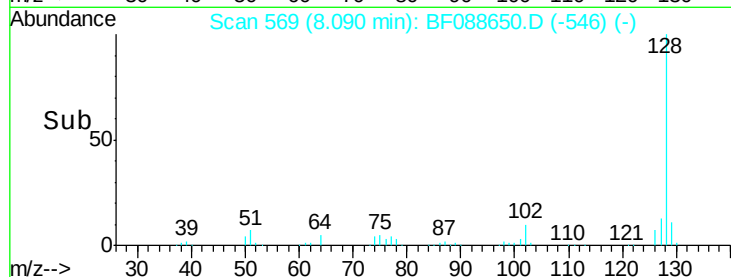
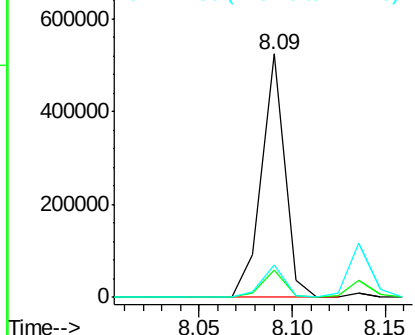
#31
Naphthalene
Concen: 20.33 ng
RT: 8.09 min Scan# 569
Delta R.T. -0.03 min
Lab File: BF088650.D
Acq: 3 Jul 2016 15:33

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 449296
Ion Ratio Lower Upper
128 100
129 11.3 9.4 14.2
127 13.1 10.9 16.3

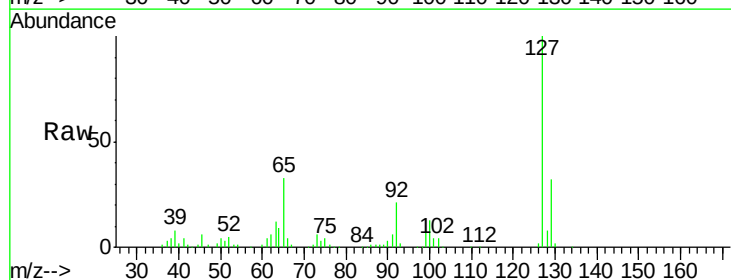


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

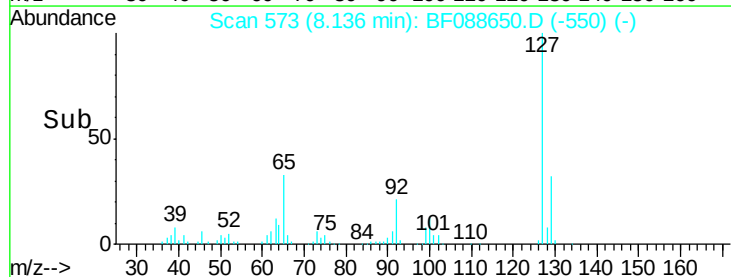
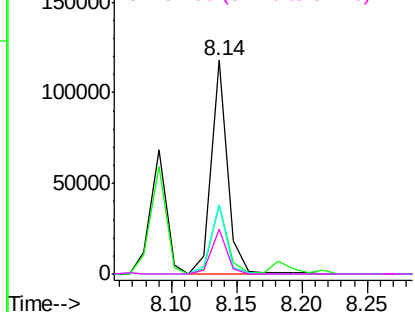


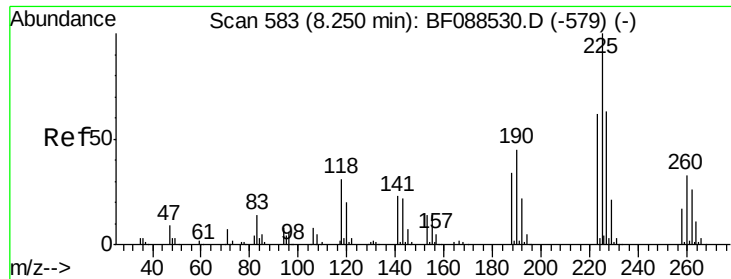
#33
4-Chloroaniline
Concen: 10.49 ng
RT: 8.14 min Scan# 573
Delta R.T. -0.03 min
Lab File: BF088650.D
Acq: 3 Jul 2016 15:33

Tgt Ion:127 Resp: 103154
Ion Ratio Lower Upper
127 100
129 32.2 26.3 39.5
65 32.5 24.7 37.1
92 21.1 15.4 23.0



Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0





#34

Hexachlorobutadiene

Concen: 19.99 ng

RT: 8.22 min Scan# 580

Delta R.T. -0.03 min

Lab File: BF088650.D

Acq: 3 Jul 2016 15:33

Instrument :

BNA_F

ClientSampleId :

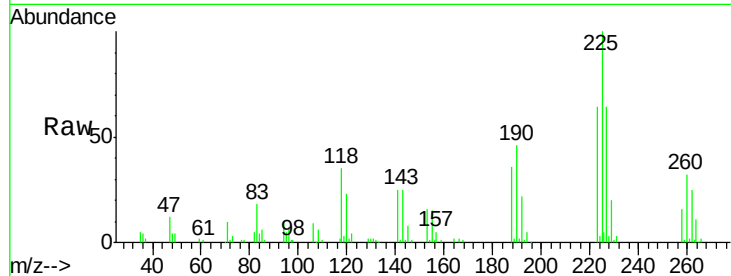
Tot Ion:225 Resp: 69947

Ion Ratio Lower Upper

225 100

223 63.6 50.9 76.3

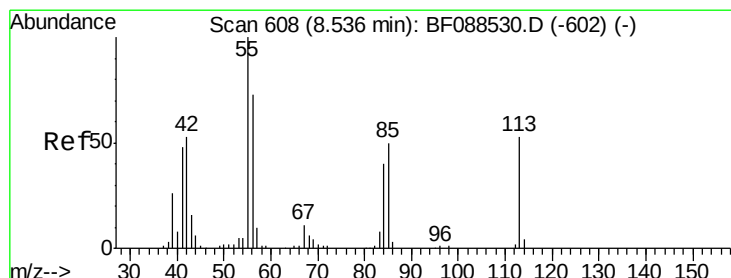
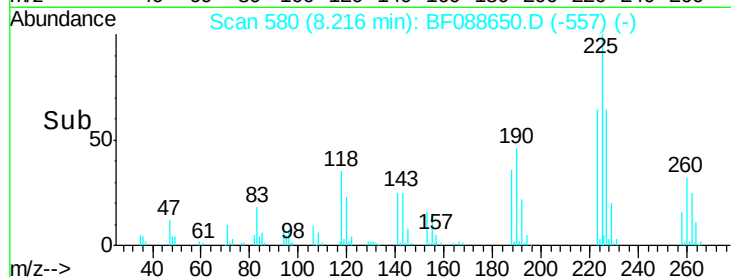
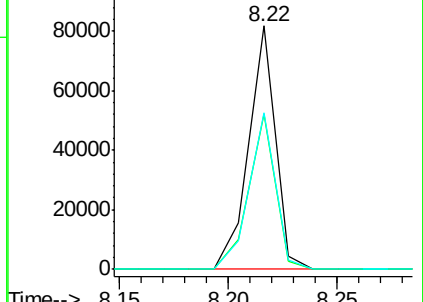
227 64.4 51.9 77.9



Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E



#35

Caprolactam

Concen: 6.97 ng

RT: 8.48 min Scan# 603

Delta R.T. -0.06 min

Lab File: BF088650.D

Acq: 3 Jul 2016 15:33

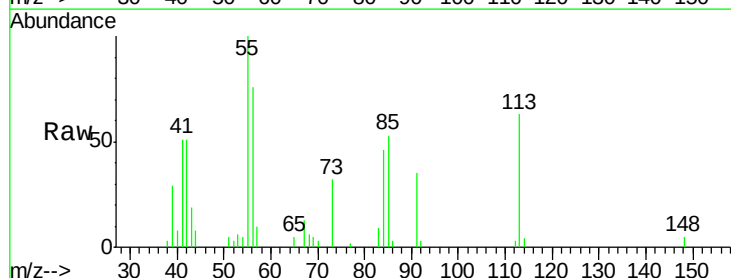
Tgt Ion:113 Resp: 14102

Ion Ratio Lower Upper

113 100

55 159.0 158.6 198.6

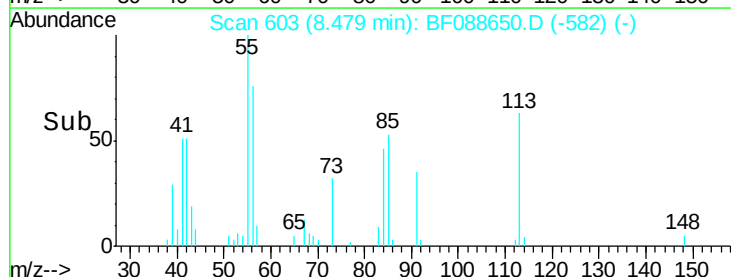
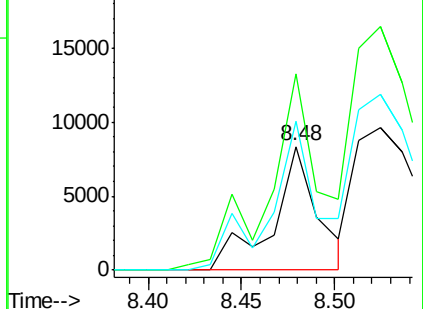
56 120.2 110.6 150.6

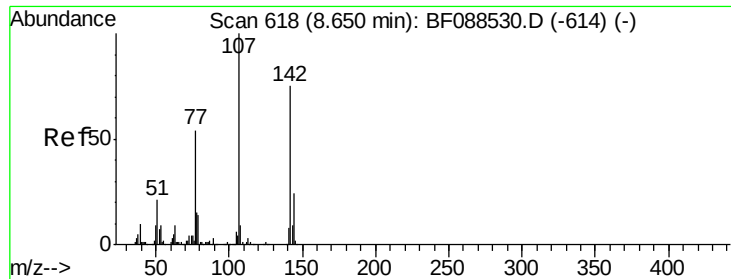


Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0

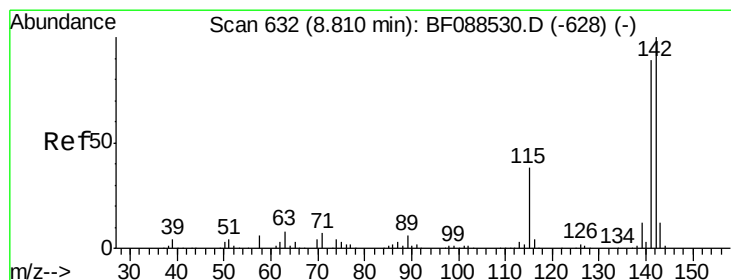
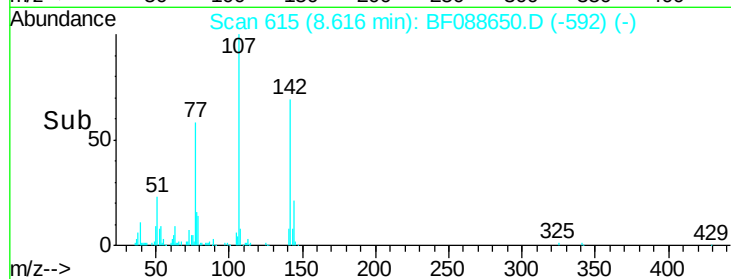
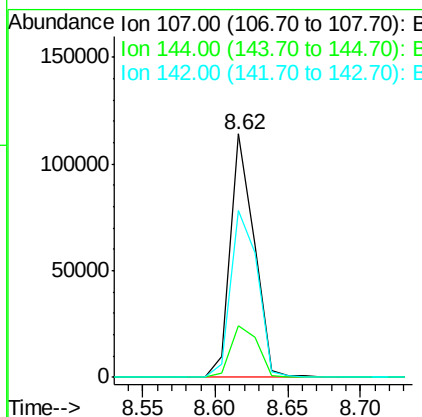
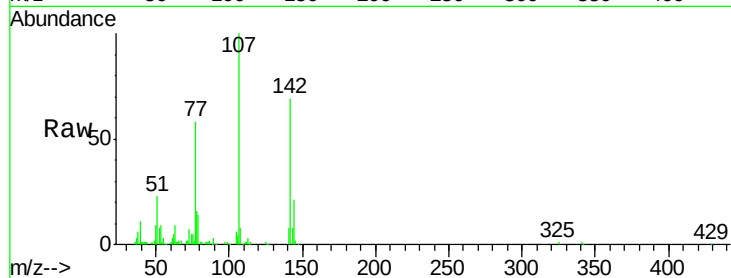




#36
 4-Chloro-3-methylphenol
 Concen: 18.51 ng
 RT: 8.62 min Scan# 615
 Delta R.T. -0.03 min
 Lab File: BF088650.D
 Acq: 3 Jul 2016 15:33

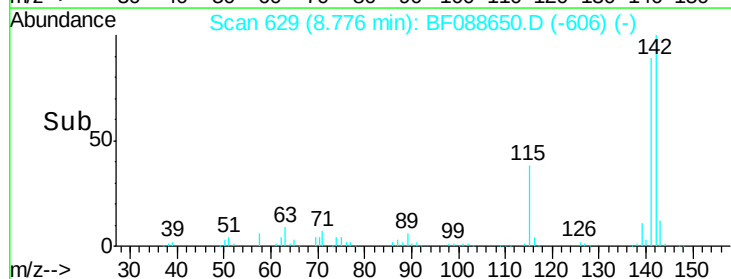
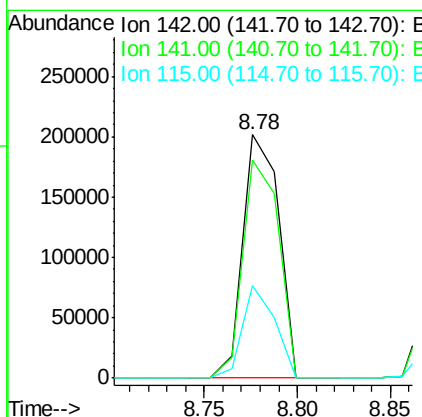
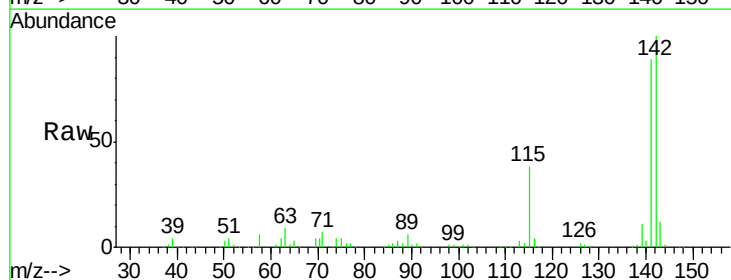
Instrument :
 BNA_F
 ClientSampleId :

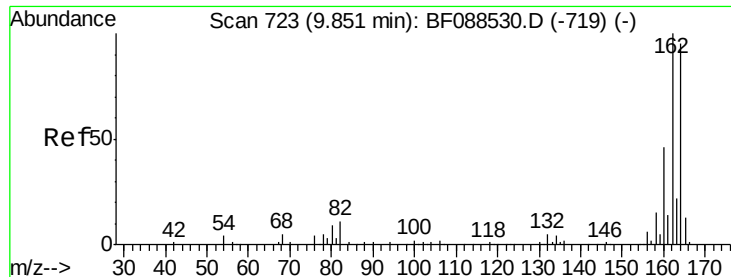
Tot Ion:107 Resp: 130314
 Ion Ratio Lower Upper
 107 100
 144 21.4 20.8 31.2
 142 68.6 63.4 95.2



#37
 2-Methylnaphthalene
 Concen: 18.85 ng
 RT: 8.78 min Scan# 629
 Delta R.T. -0.03 min
 Lab File: BF088650.D
 Acq: 3 Jul 2016 15:33

Tgt Ion:142 Resp: 268292
 Ion Ratio Lower Upper
 142 100
 141 89.3 71.0 106.6
 115 38.3 22.6 33.8#





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.82 min Scan# 720

Delta R.T. -0.03 min

Lab File: BF088650.D

Acq: 3 Jul 2016 15:33

Instrument :

BNA_F

ClientSampleId :

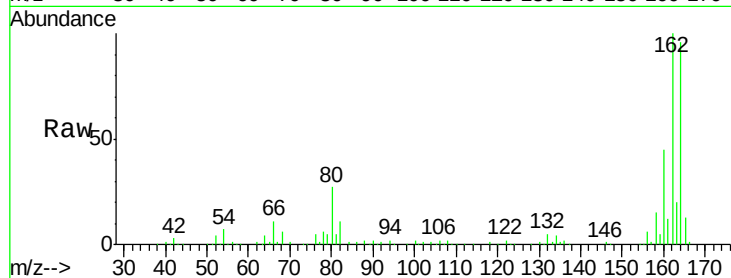
Tot Ion:164 Resp: 213497

Ion Ratio Lower Upper

164 100

162 104.1 85.4 128.2

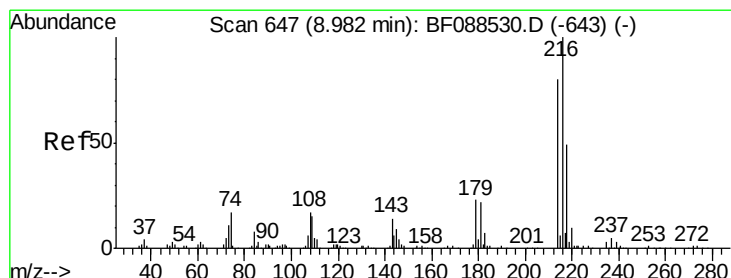
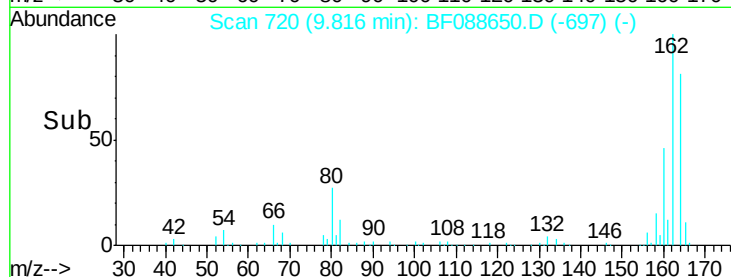
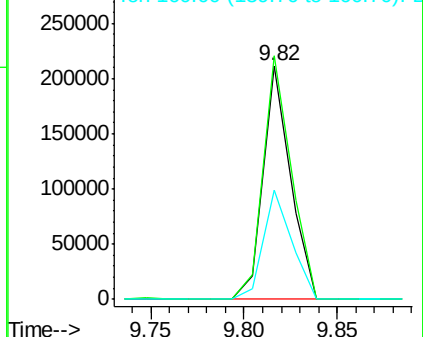
160 46.9 39.5 59.3



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#39

1,2,4,5-Tetrachlorobenzene

Concen: 16.65 ng

RT: 8.95 min Scan# 644

Delta R.T. -0.03 min

Lab File: BF088650.D

Acq: 3 Jul 2016 15:33

Tgt Ion:216 Resp: 118251

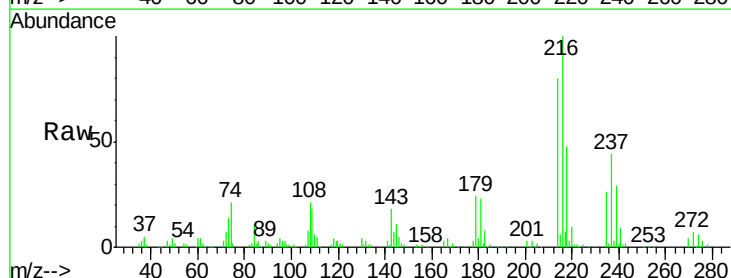
Ion Ratio Lower Upper

216 100

214 79.8 2.9 4.3#

179 23.7 0.0 0.0#

108 27.5 0.5 0.7#

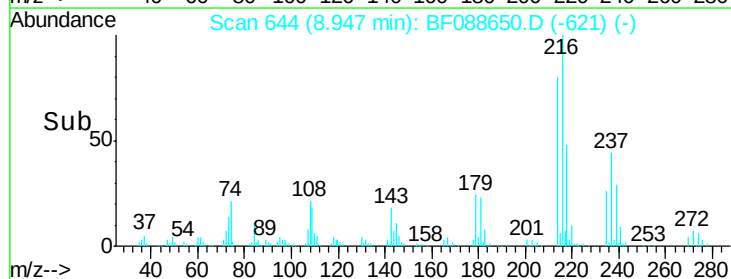
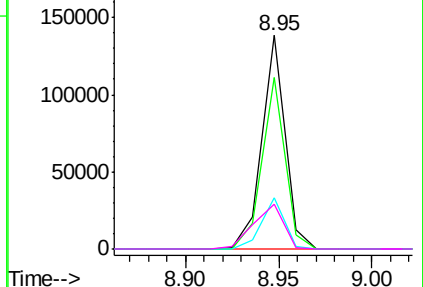


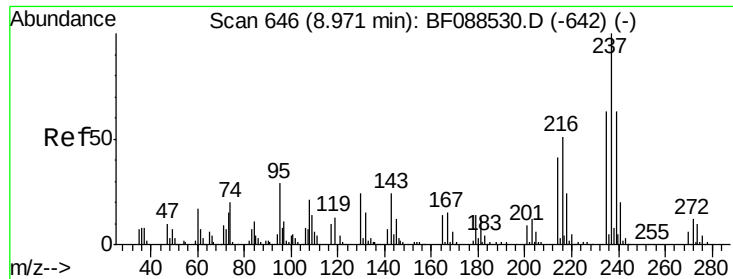
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E

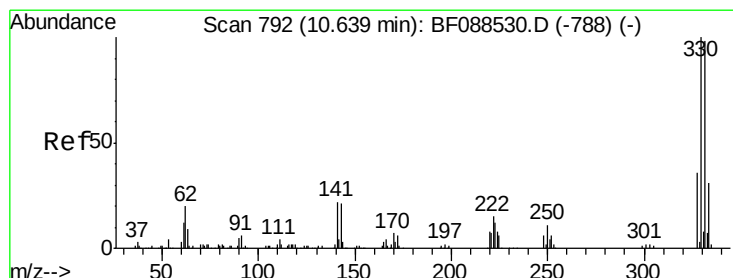
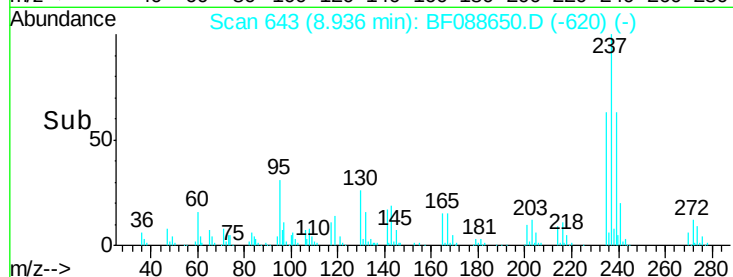
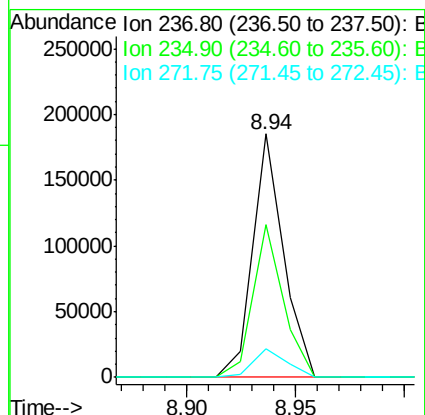
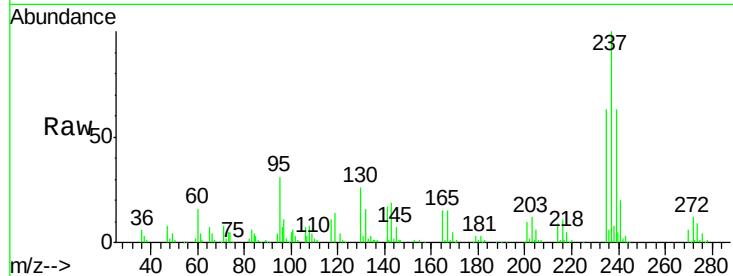




#40
Hexachlorocyclopentadiene
Concen: 52.27 ng
RT: 8.94 min Scan# 643
Delta R.T. -0.03 min
Lab File: BF088650.D
Acq: 3 Jul 2016 15:33

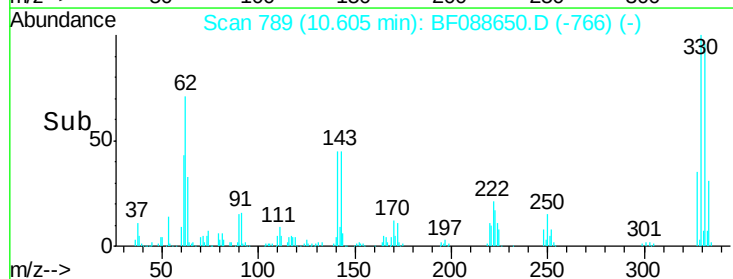
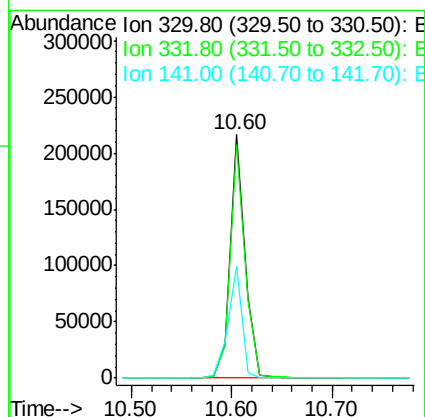
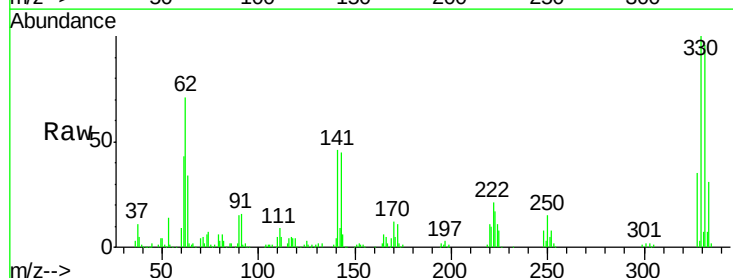
Instrument :
BNA_F
ClientSampled :

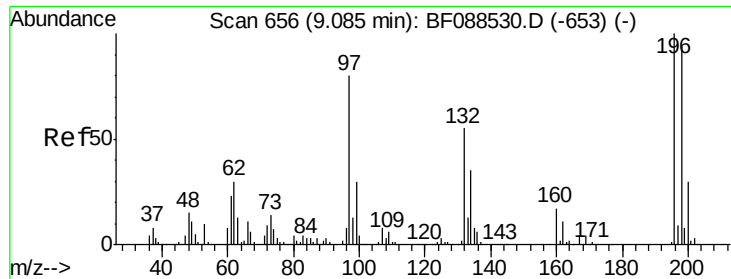
Tot Ion:237 Resp: 182168
Ion Ratio Lower Upper
237 100
235 62.6 43.4 83.4
272 11.7 0.0 32.3



#41
2,4,6-Tribromophenol
Concen: 112.54 ng
RT: 10.60 min Scan# 789
Delta R.T. -0.03 min
Lab File: BF088650.D
Acq: 3 Jul 2016 15:33

Tgt Ion:330 Resp: 223110
Ion Ratio Lower Upper
330 100
332 96.6 0.0 0.0#
141 42.9 0.0 0.0#

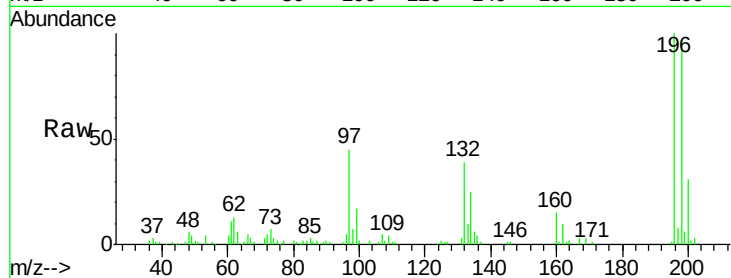




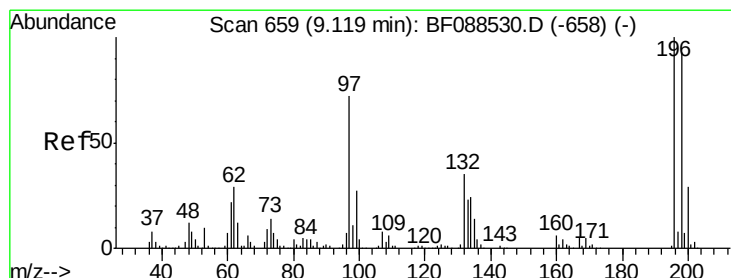
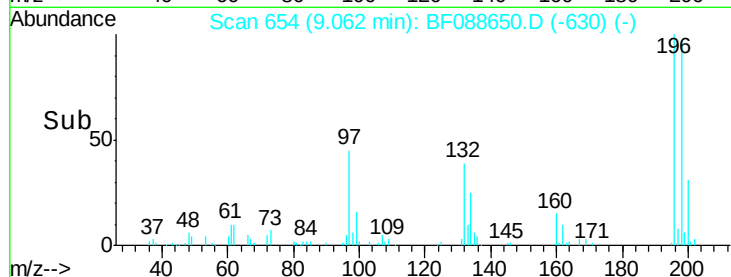
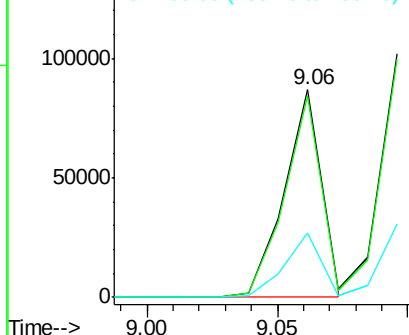
#42
2,4,6-Trichlorophenol
Concen: 18.26 ng
RT: 9.06 min Scan# 654
Delta R.T. -0.02 min
Lab File: BF088650.D
Acq: 3 Jul 2016 15:33

Instrument :
BNA_F
ClientSampleId :

Tot Ion:196 Resp: 85469
Ion Ratio Lower Upper
196 100
198 97.4 78.0 117.0
200 31.2 25.4 38.2

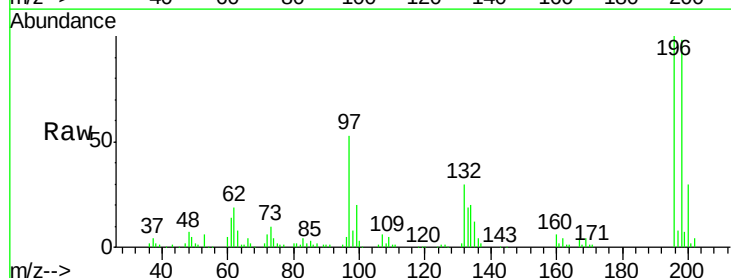


Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 200.00 (199.70 to 200.70): E

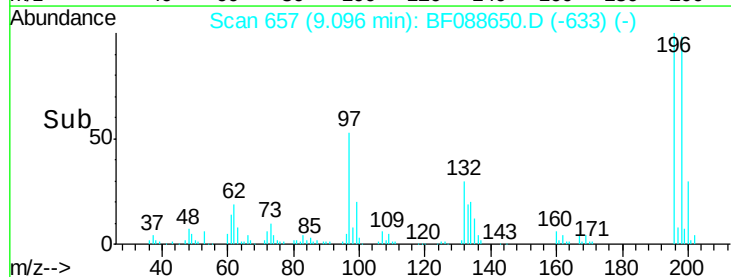
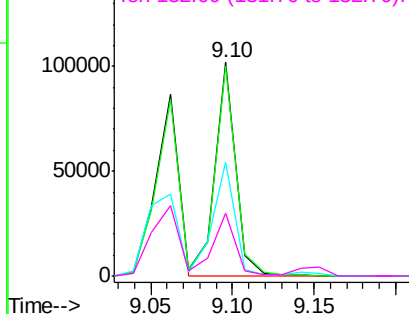


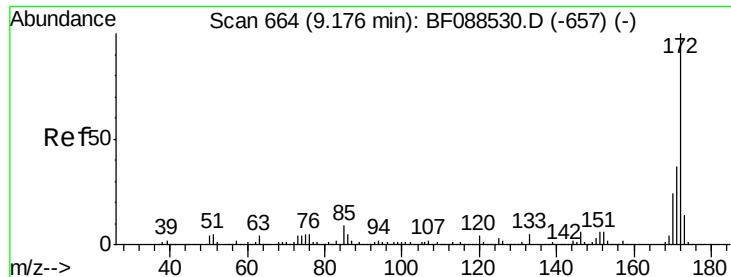
#43
2,4,5-Trichlorophenol
Concen: 22.36 ng
RT: 9.10 min Scan# 657
Delta R.T. -0.02 min
Lab File: BF088650.D
Acq: 3 Jul 2016 15:33

Tgt Ion:196 Resp: 90055
Ion Ratio Lower Upper
196 100
198 98.2 77.5 116.3
97 53.4 32.0 48.0#
132 29.6 20.9 31.3



Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 97.00 (96.70 to 97.70): BF0
Ion 132.00 (131.70 to 132.70): E

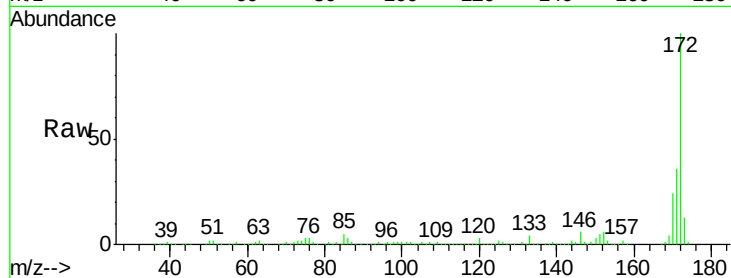




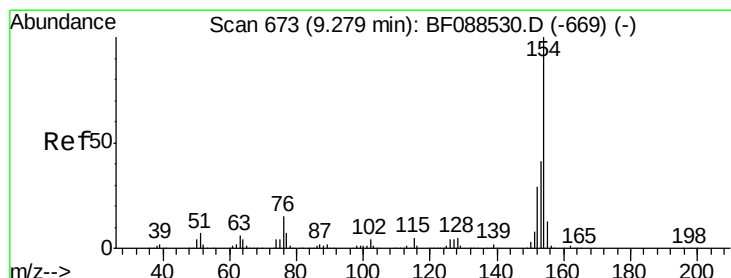
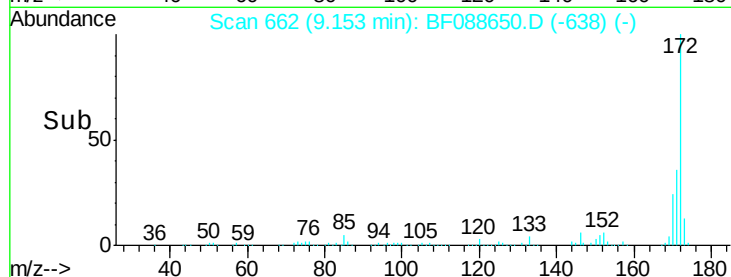
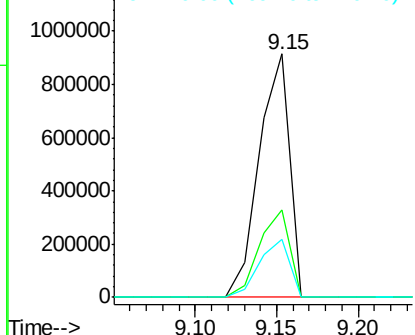
#44
2-Fluorobiphenyl
Concen: 87.45 ng
RT: 9.15 min Scan# 662
Delta R.T. -0.02 min
Lab File: BF088650.D
Acq: 3 Jul 2016 15:33

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1181974
Ion Ratio Lower Upper
172 100
171 35.9 28.6 43.0
170 23.9 19.2 28.8

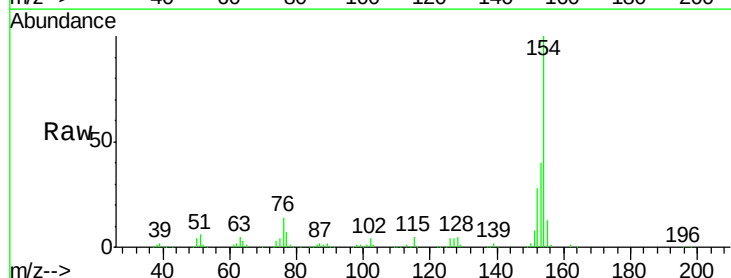


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

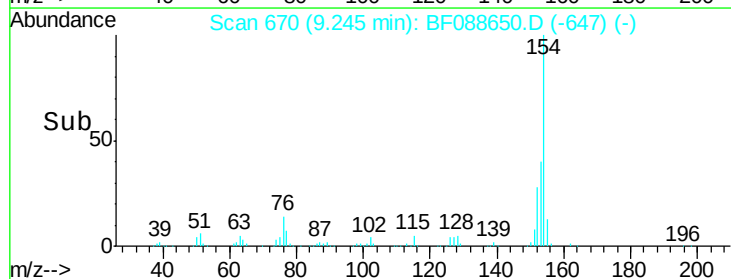
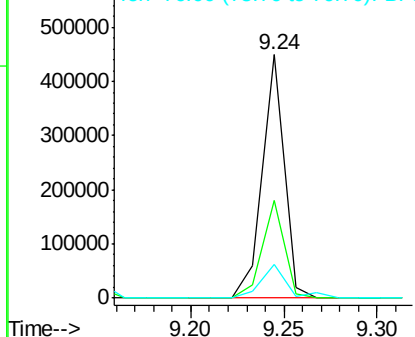


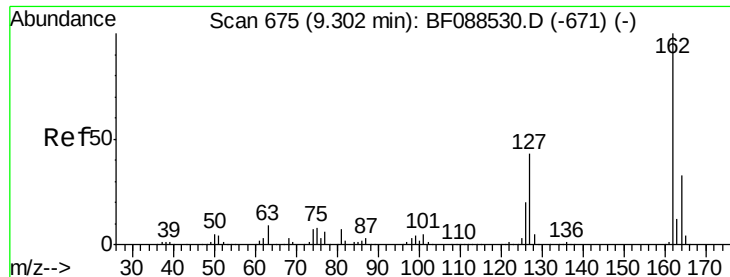
#45
1,1'-Biphenyl
Concen: 20.53 ng
RT: 9.24 min Scan# 670
Delta R.T. -0.03 min
Lab File: BF088650.D
Acq: 3 Jul 2016 15:33

Tgt Ion:154 Resp: 363001
Ion Ratio Lower Upper
154 100
153 40.3 20.6 60.6
76 14.1 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

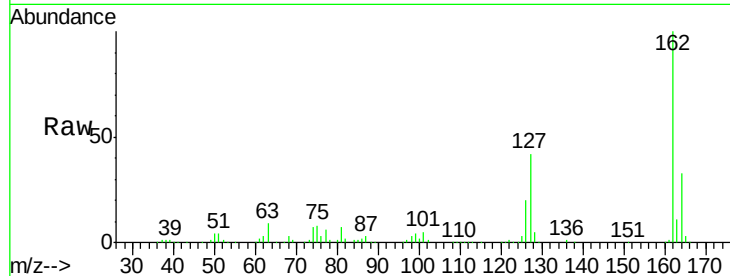




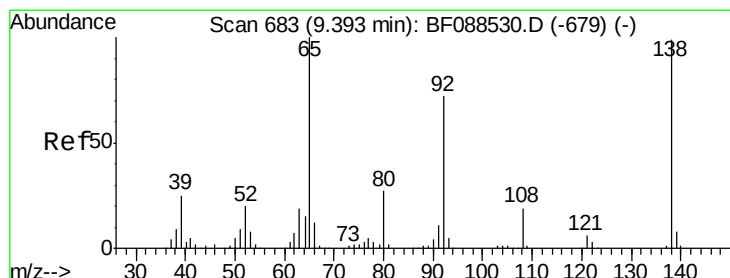
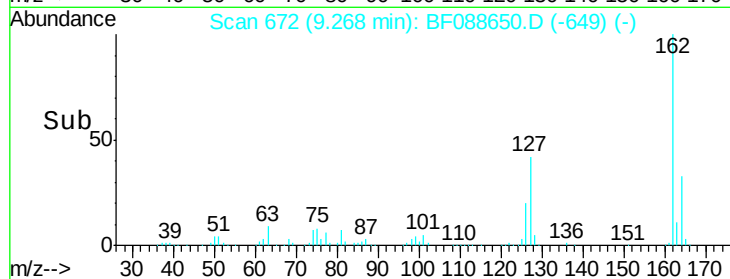
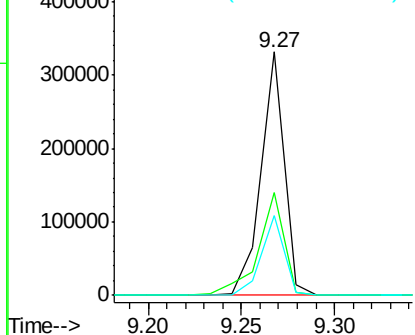
#46
 2-Chloronaphthalene
 Concen: 20.39 ng
 RT: 9.27 min Scan# 672
 Delta R.T. -0.03 min
 Lab File: BF088650.D
 Acq: 3 Jul 2016 15:33

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:162 Resp: 283046
 Ion Ratio Lower Upper
 162 100
 127 42.0 35.2 52.8
 164 32.7 26.6 39.8

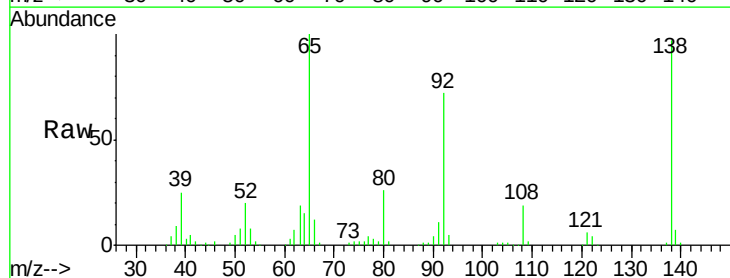


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

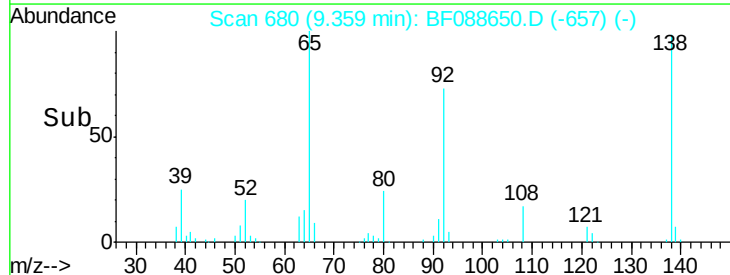
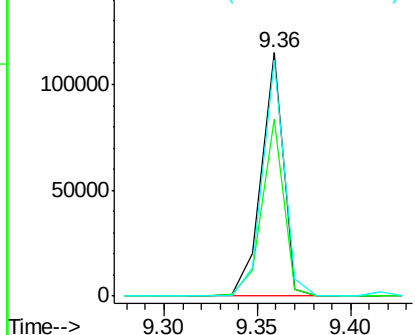


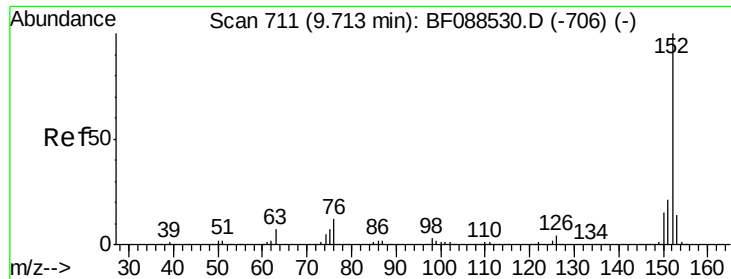
#47
 2-Nitroaniline
 Concen: 19.39 ng
 RT: 9.36 min Scan# 680
 Delta R.T. -0.03 min
 Lab File: BF088650.D
 Acq: 3 Jul 2016 15:33

Tgt Ion: 65 Resp: 95480
 Ion Ratio Lower Upper
 65 100
 92 72.5 54.6 82.0
 138 97.1 77.0 115.4



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





#48

Acenaphthylene

Concen: 20.20 ng

RT: 9.68 min Scan# 708

Delta R.T. -0.03 min

Lab File: BF088650.D

Acq: 3 Jul 2016 15:33

Instrument :

BNA_F

ClientSampleId :

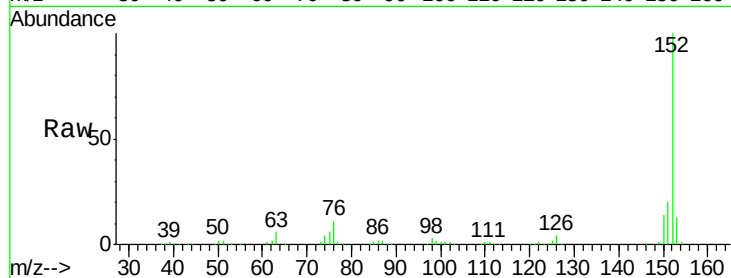
Tot Ion:152 Resp: 446013

Ion Ratio Lower Upper

152 100

151 20.3 16.2 24.4

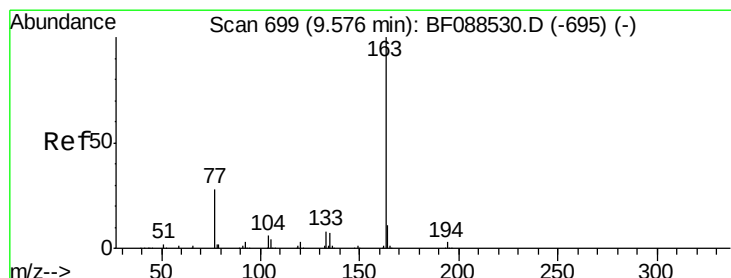
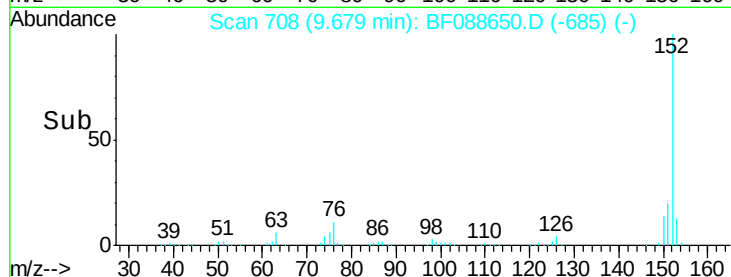
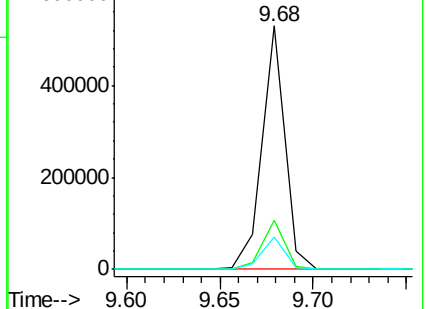
153 13.4 11.0 16.6



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



#49

Dimethylphthalate

Concen: 37.06 ng

RT: 9.54 min Scan# 696

Delta R.T. -0.03 min

Lab File: BF088650.D

Acq: 3 Jul 2016 15:33

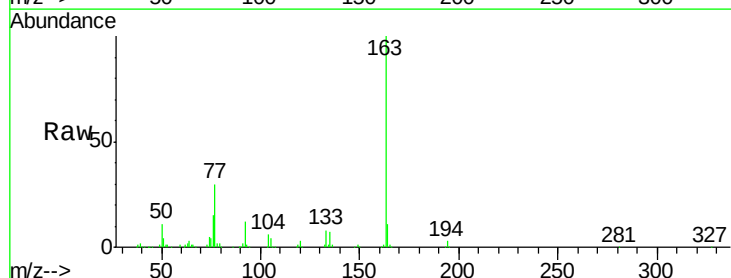
Tgt Ion:163 Resp: 563723

Ion Ratio Lower Upper

163 100

194 3.2 2.8 4.2

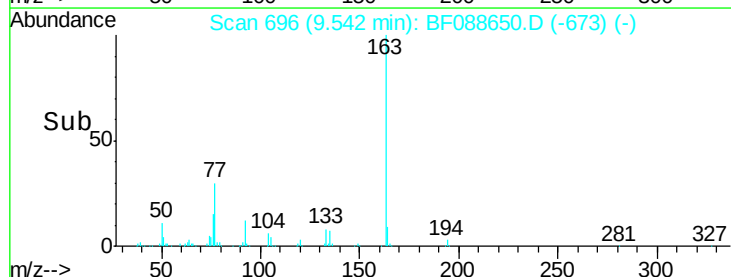
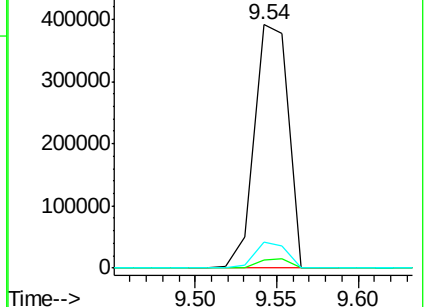
164 10.7 8.3 12.5

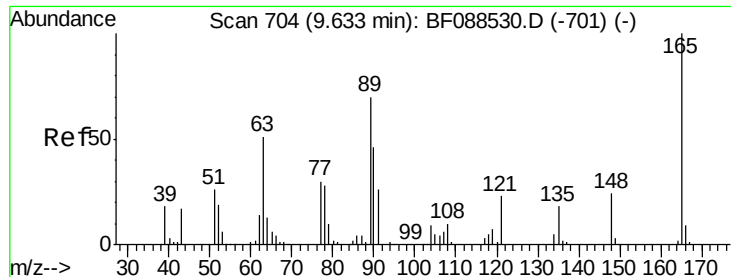


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

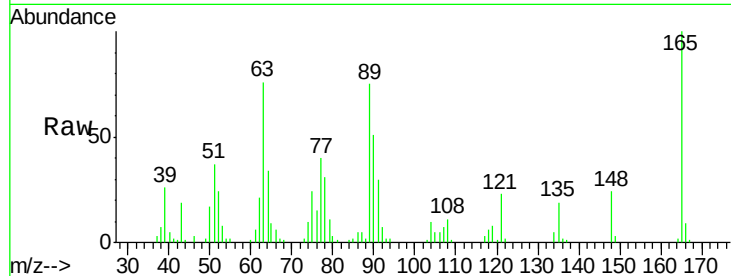




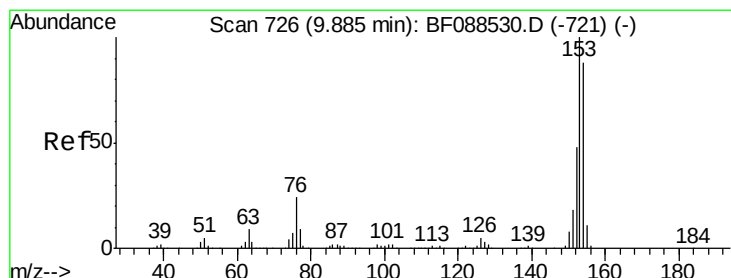
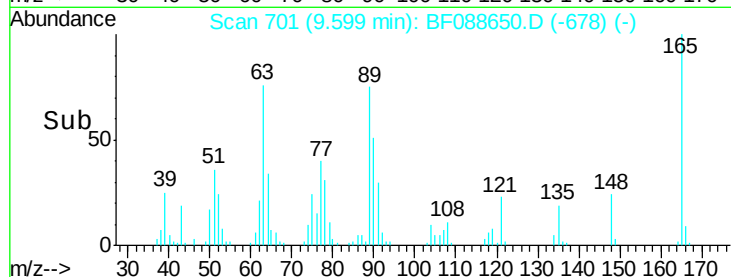
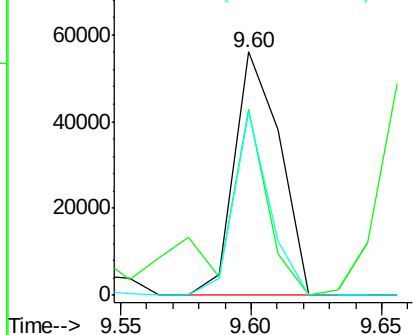
#50
2,6-Dinitrotoluene
Concen: 20.12 ng
RT: 9.60 min Scan# 701
Delta R.T. -0.03 min
Lab File: BF088650.D
Acq: 3 Jul 2016 15:33

Instrument :
BNA_F
ClientSampleId :

Tot Ion:165 Resp: 67836
Ion Ratio Lower Upper
165 100
63 76.4 28.1 42.1#
89 75.3 32.2 48.2#

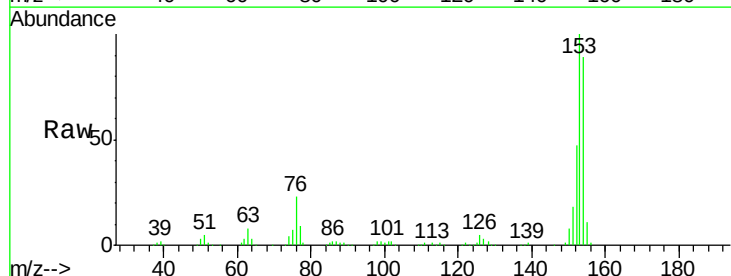


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0

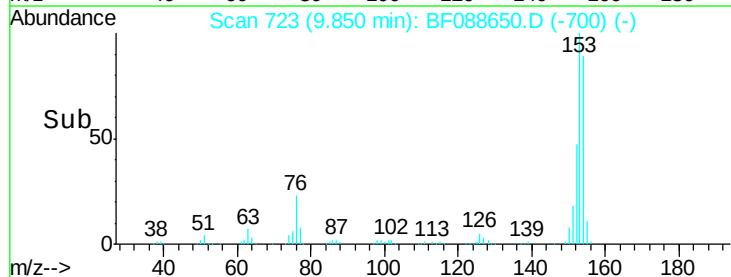
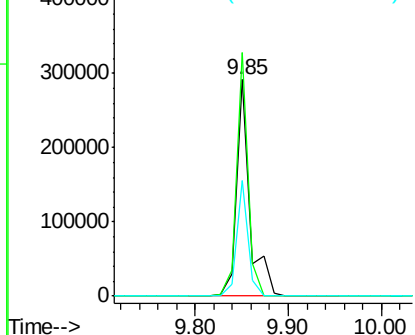


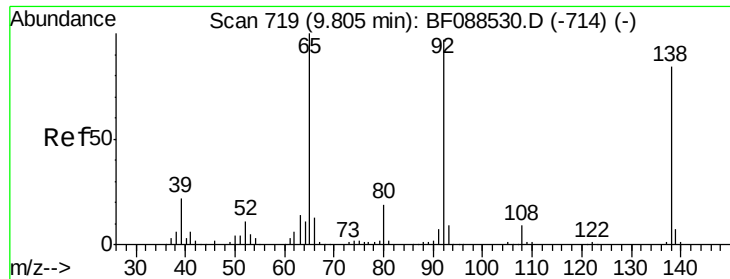
#51
Acenaphthene
Concen: 21.62 ng
RT: 9.85 min Scan# 723
Delta R.T. -0.03 min
Lab File: BF088650.D
Acq: 3 Jul 2016 15:33

Tgt Ion:154 Resp: 292689
Ion Ratio Lower Upper
154 100
153 112.6 89.5 134.3
152 53.3 42.7 64.1



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E





#52

3-Nitroaniline

Concen: 16.25 ng

RT: 9.77 min Scan# 716

Delta R.T. -0.03 min

Lab File: BF088650.D

Acq: 3 Jul 2016 15:33

Instrument :

BNA_F

ClientSampleId :

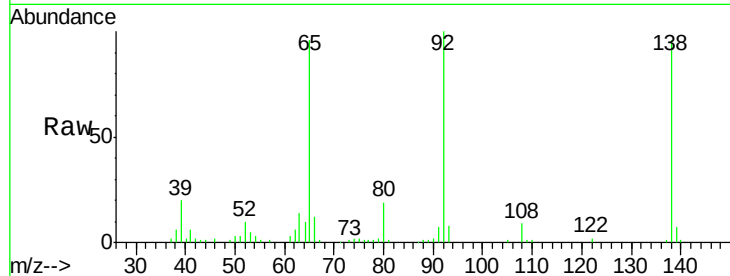
Tot Ion:138 Resp: 69652

Ion Ratio Lower Upper

138 100

108 9.8 8.5 12.7

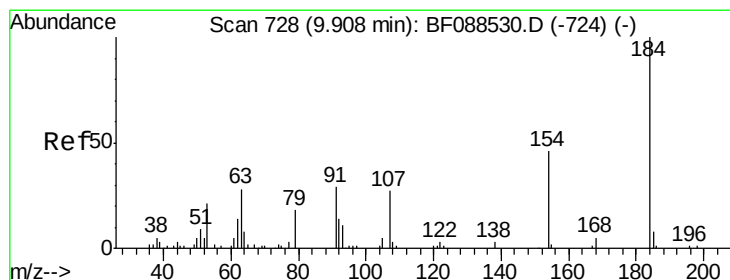
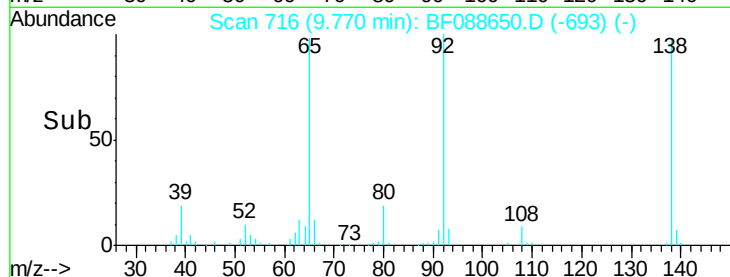
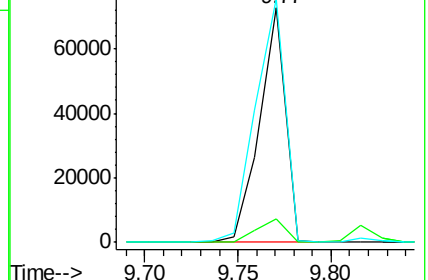
92 103.9 95.7 143.5



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): E



#53

2,4-Dinitrophenol

Concen: 43.03 ng

RT: 9.87 min Scan# 725

Delta R.T. -0.03 min

Lab File: BF088650.D

Acq: 3 Jul 2016 15:33

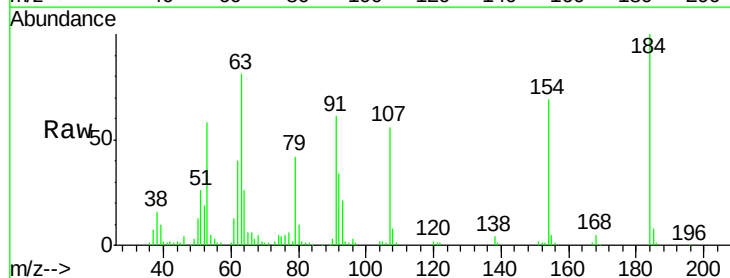
Tgt Ion:184 Resp: 64052

Ion Ratio Lower Upper

184 100

63 81.1 57.6 86.4

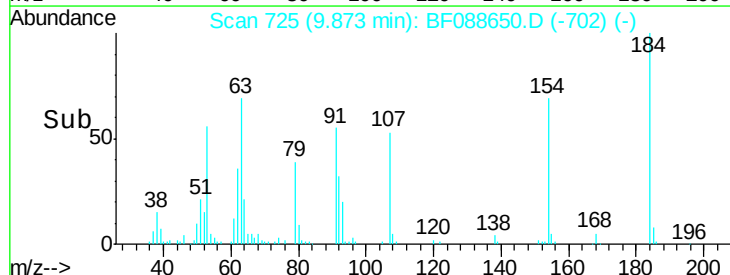
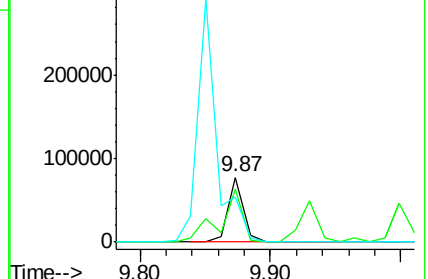
154 69.2 53.5 80.3

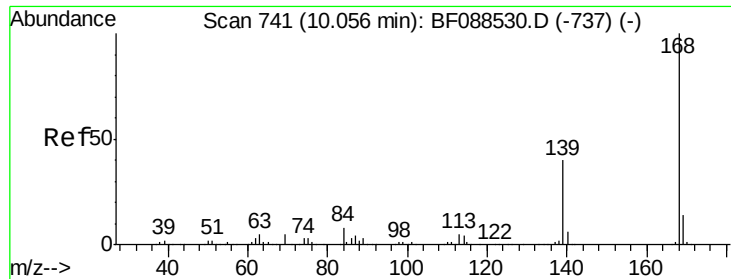


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 154.00 (153.70 to 154.70): E

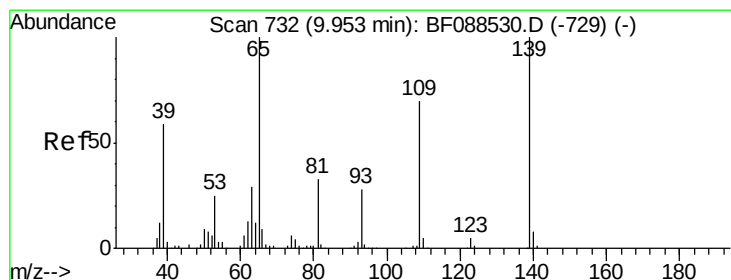
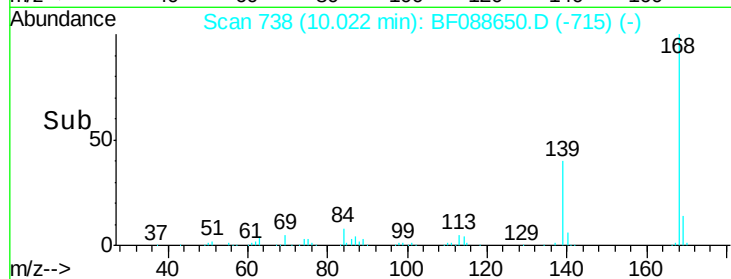
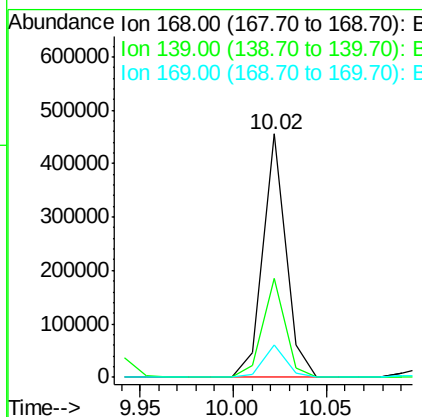
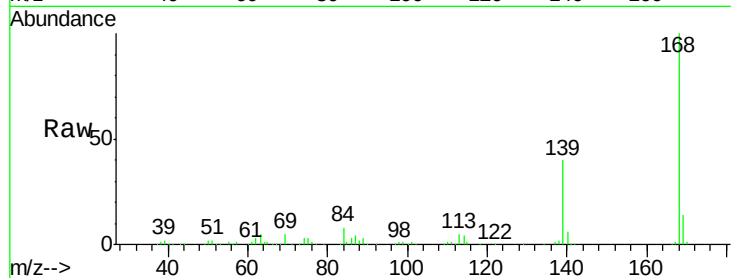




#54
Dibenzenofuran
Concen: 21.85 ng
RT: 10.02 min Scan# 738
Delta R.T. -0.03 min
Lab File: BF088650.D
Acq: 3 Jul 2016 15:33

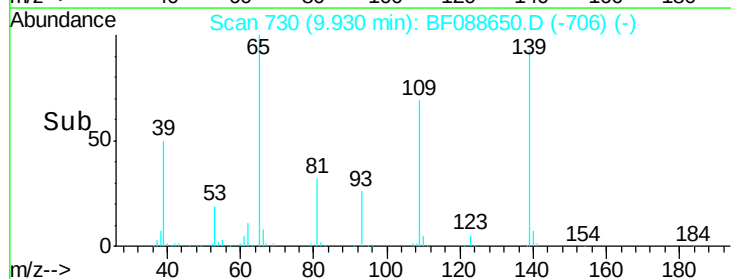
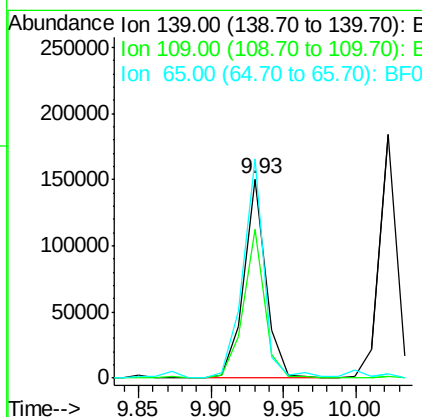
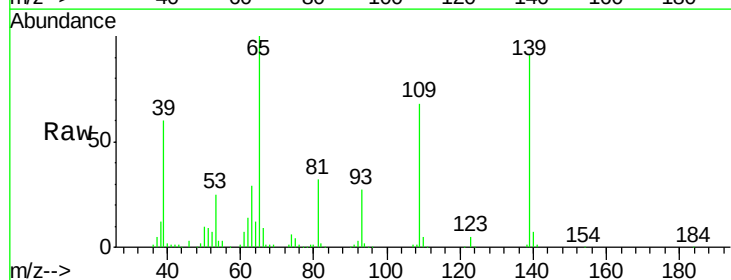
Instrument :
BNA_F
ClientSampleId :

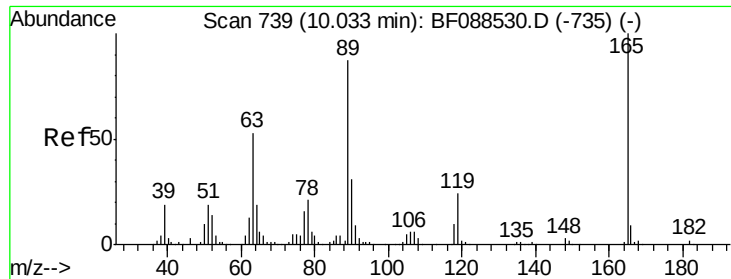
Tot Ion:168 Resp: 387149
Ion Ratio Lower Upper
168 100
139 40.4 26.4 39.6#
169 13.5 10.4 15.6



#55
4-Nitrophenol
Concen: 48.79 ng
RT: 9.93 min Scan# 730
Delta R.T. -0.02 min
Lab File: BF088650.D
Acq: 3 Jul 2016 15:33

Tgt Ion:139 Resp: 158899
Ion Ratio Lower Upper
139 100
109 75.0 48.9 88.9
65 110.0 84.9 124.9





#56

2,4-Dinitrotoluene

Concen: 19.79 ng

RT: 10.00 min Scan# 736

Delta R.T. -0.03 min

Lab File: BF088650.D

Acq: 3 Jul 2016 15:33

Instrument :

BNA_F

ClientSampleId :

Tot Ion:165 Resp: 87246

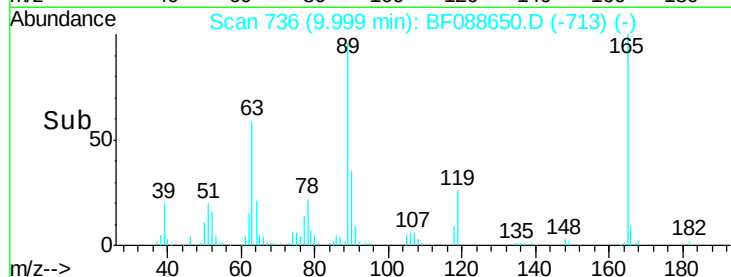
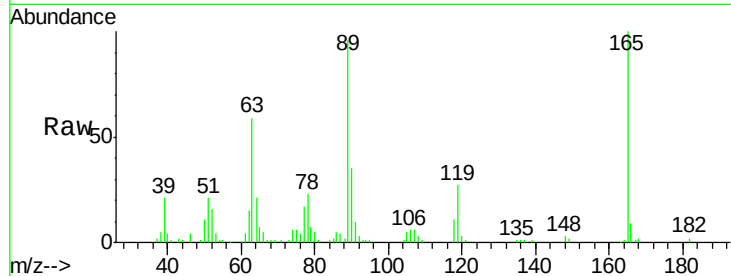
Ion Ratio Lower Upper

165 100

63 58.9 22.0 33.0#

89 96.1 41.1 61.7#

182 2.2 2.0 3.0

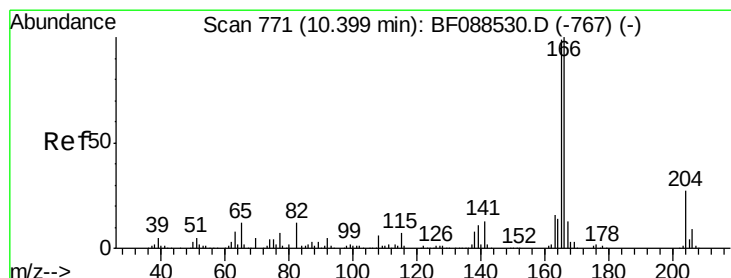
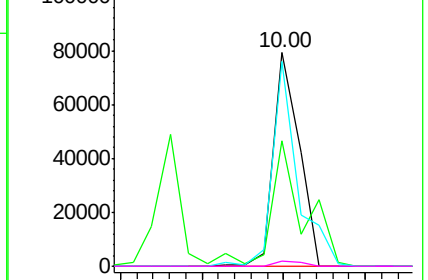


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#57

Fluorene

Concen: 22.35 ng

RT: 10.36 min Scan# 768

Delta R.T. -0.03 min

Lab File: BF088650.D

Acq: 3 Jul 2016 15:33

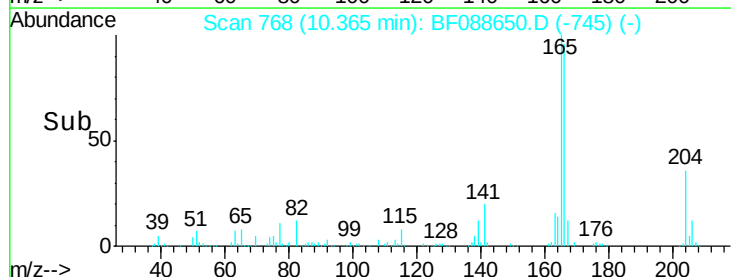
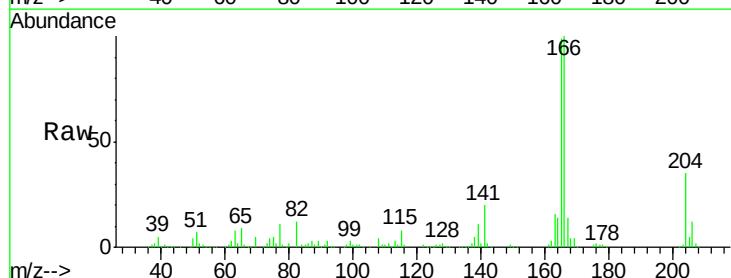
Tgt Ion:166 Resp: 305095

Ion Ratio Lower Upper

166 100

165 99.3 77.8 116.8

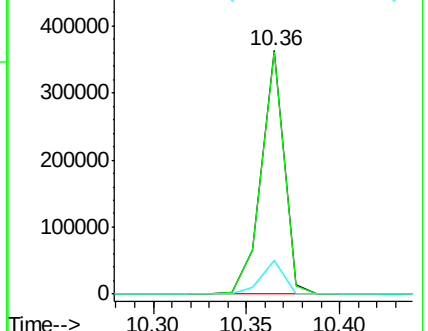
167 13.6 11.2 16.8

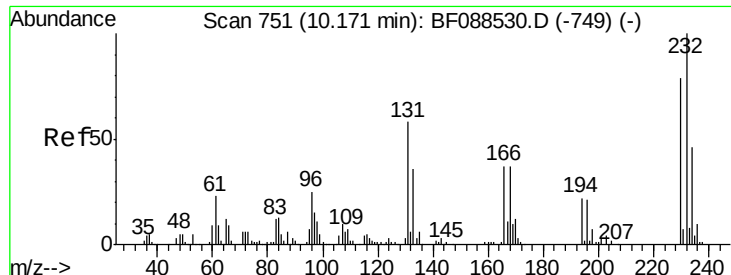


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

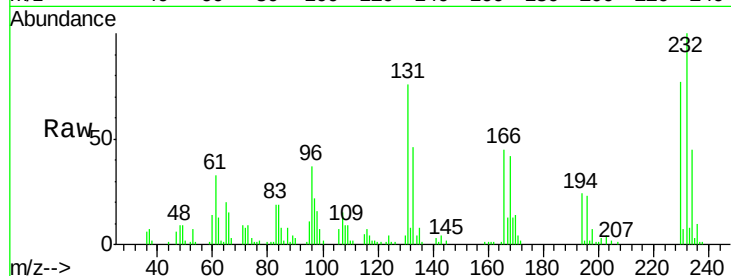




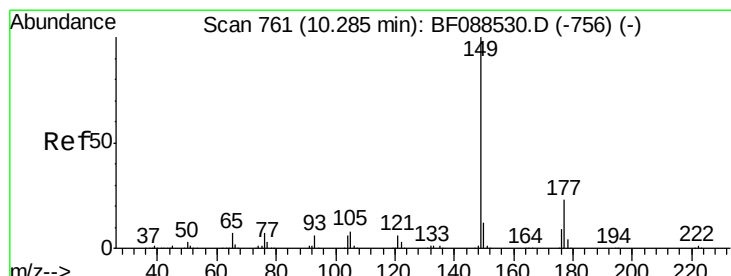
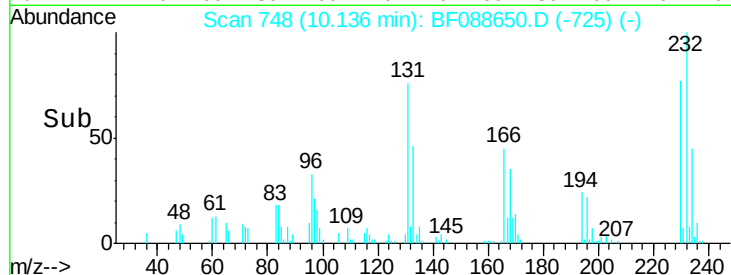
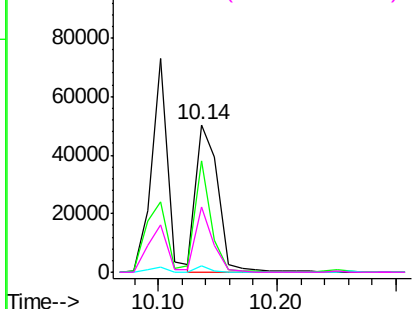
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 21.07 ng
 RT: 10.14 min Scan# 748
 Delta R.T. -0.03 min
 Lab File: BF088650.D
 Acq: 3 Jul 2016 15:33

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:232 Resp: 65652
 Ion Ratio Lower Upper
 232 100
 131 55.4 0.9 1.3#
 130 2.7 1.5 2.3#
 166 35.0 0.5 0.7#

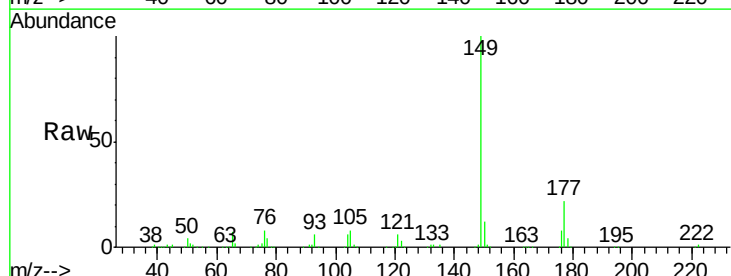


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

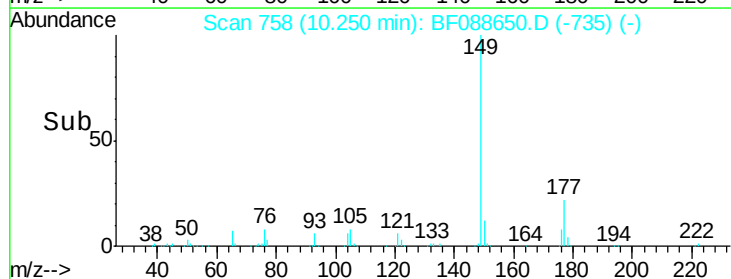
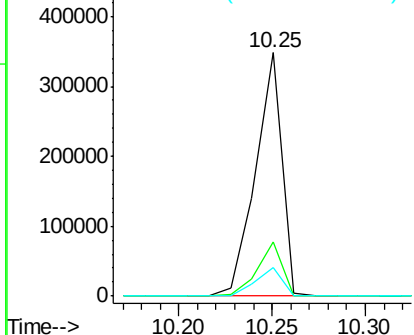


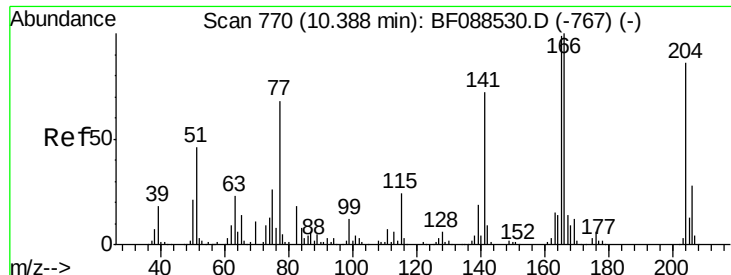
#59
 Diethylphthalate
 Concen: 22.60 ng
 RT: 10.25 min Scan# 758
 Delta R.T. -0.03 min
 Lab File: BF088650.D
 Acq: 3 Jul 2016 15:33

Tgt Ion:149 Resp: 344936
 Ion Ratio Lower Upper
 149 100
 177 22.1 16.9 25.3
 150 11.9 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

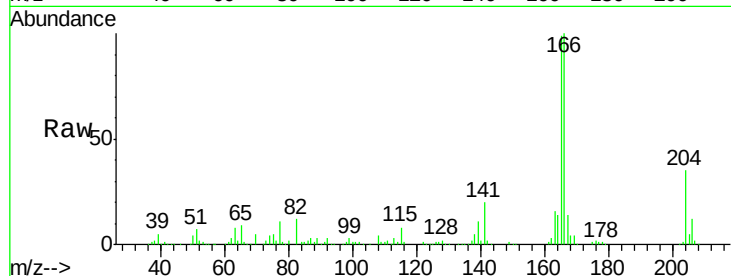




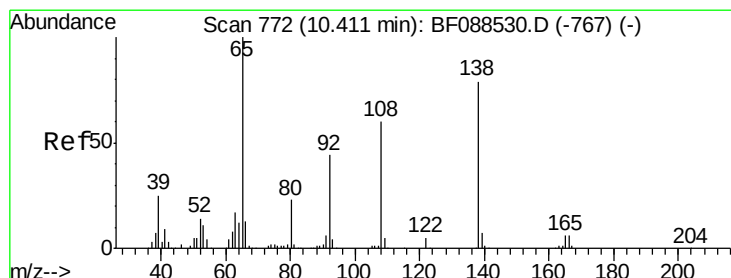
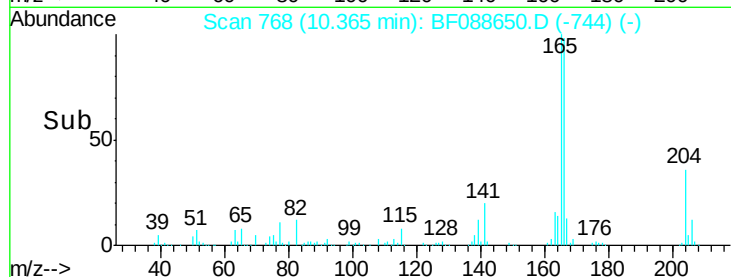
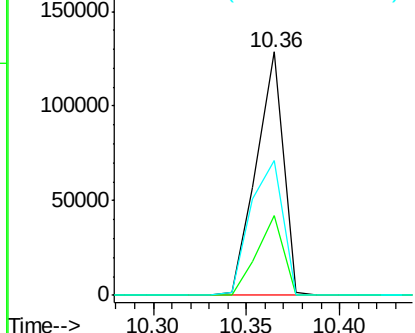
#60
 4-Chlorophenyl-phenylether
 Concen: 20.37 ng
 RT: 10.36 min Scan# 768
 Delta R.T. -0.02 min
 Lab File: BF088650.D
 Acq: 3 Jul 2016 15:33

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:204 Resp: 129216
 Ion Ratio Lower Upper
 204 100
 206 32.7 26.3 39.5
 141 55.3 55.0 82.6

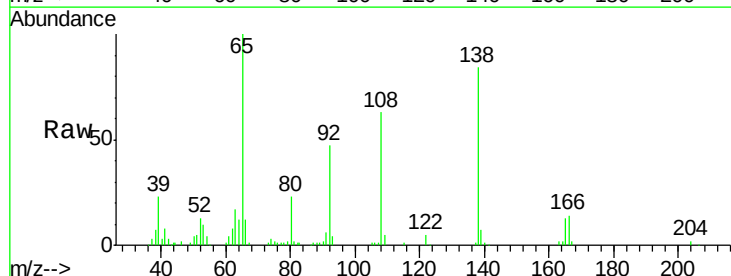


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

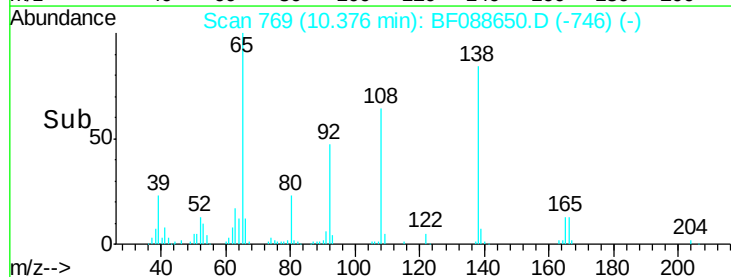
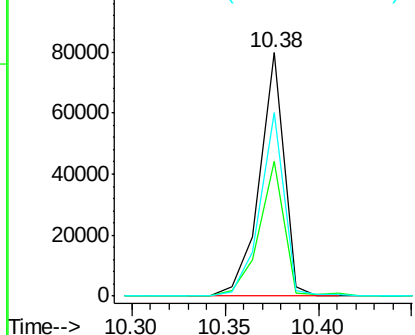


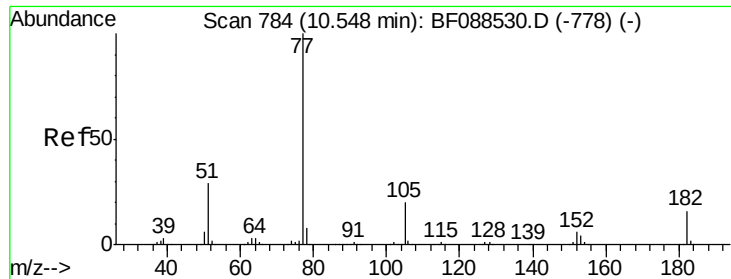
#61
 4-Nitroaniline
 Concen: 17.50 ng
 RT: 10.38 min Scan# 769
 Delta R.T. -0.03 min
 Lab File: BF088650.D
 Acq: 3 Jul 2016 15:33

Tgt Ion:138 Resp: 72166
 Ion Ratio Lower Upper
 138 100
 92 55.5 27.3 67.3
 108 75.3 46.7 86.7



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





#62

Azobenzene

Concen: 21.46 ng

RT: 10.52 min Scan# 782

Delta R.T. -0.02 min

Lab File: BF088650.D

Acq: 3 Jul 2016 15:33

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 373631

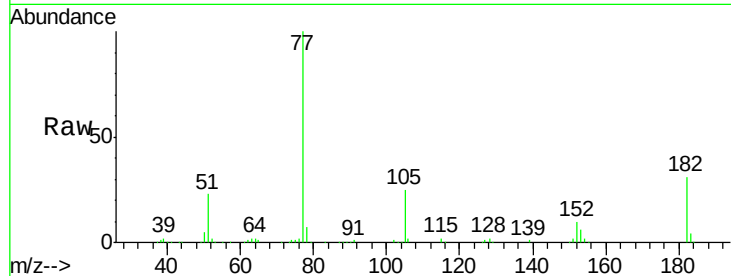
Ion Ratio Lower Upper

77 100

182 31.2 4.4 44.4

105 24.6 3.8 43.8

51 23.2 9.3 49.3

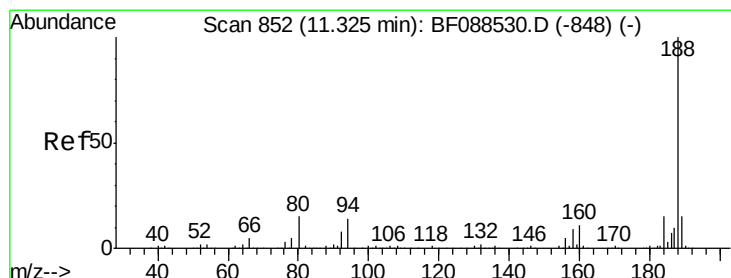
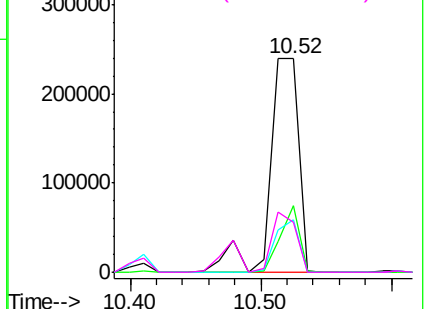
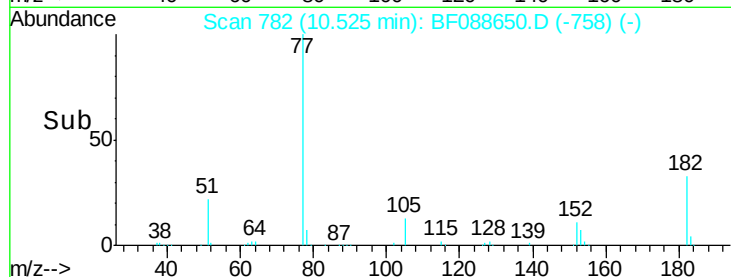


Abundance Ion 77.00 (76.70 to 77.70): BF0

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



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.30 min Scan# 850

Delta R.T. -0.02 min

Lab File: BF088650.D

Acq: 3 Jul 2016 15:33

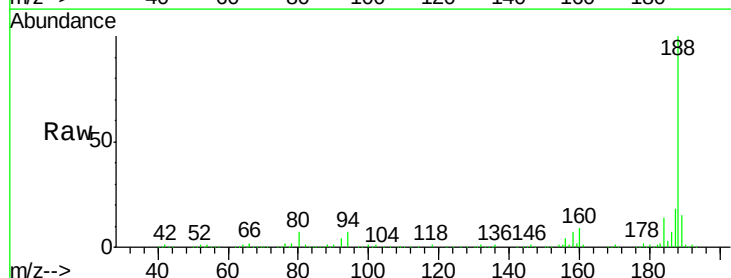
Tgt Ion: 188 Resp: 416776

Ion Ratio Lower Upper

188 100

94 6.8 9.0 13.6#

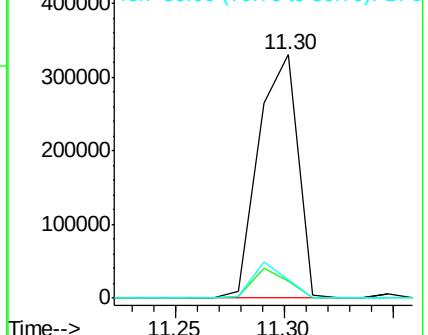
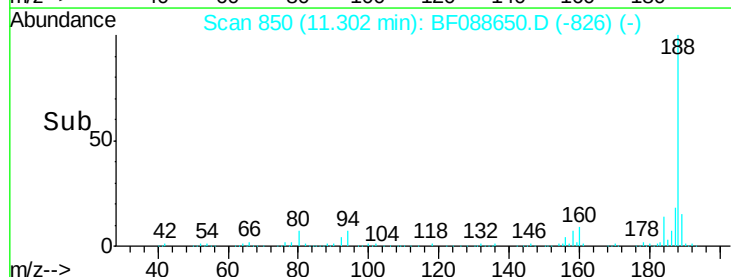
80 7.3 10.0 15.0#

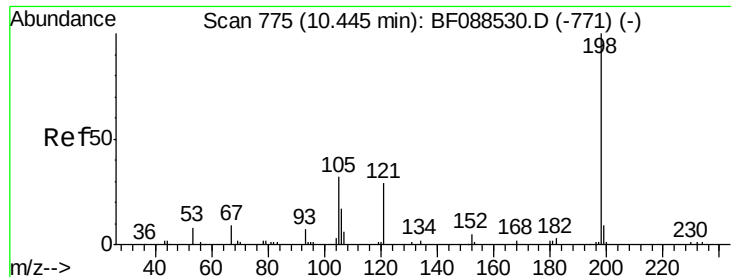


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

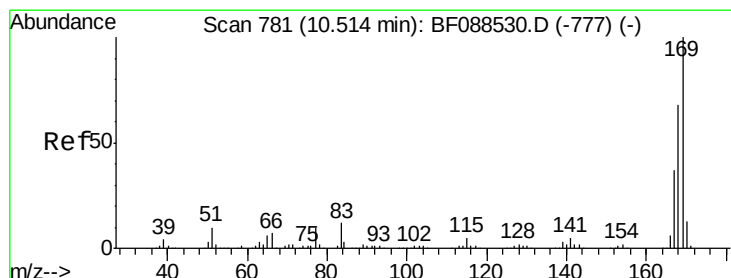
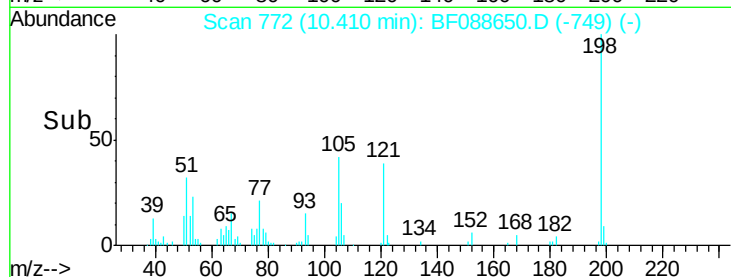
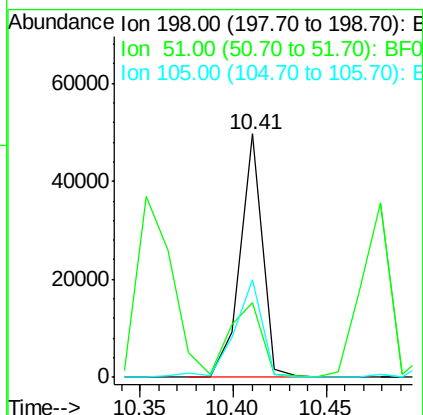
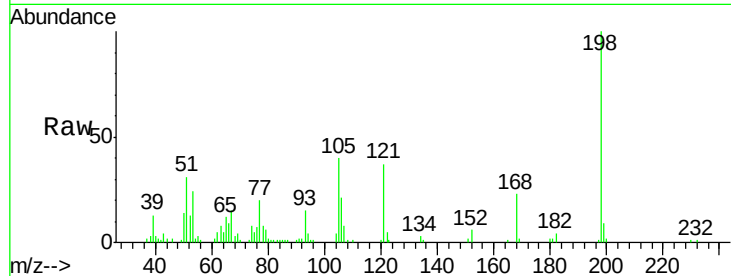




#64
4,6-Dinitro-2-methylphenol
Concen: 18.78 ng
RT: 10.41 min Scan# 772
Delta R.T. -0.03 min
Lab File: BF088650.D
Acq: 3 Jul 2016 15:33

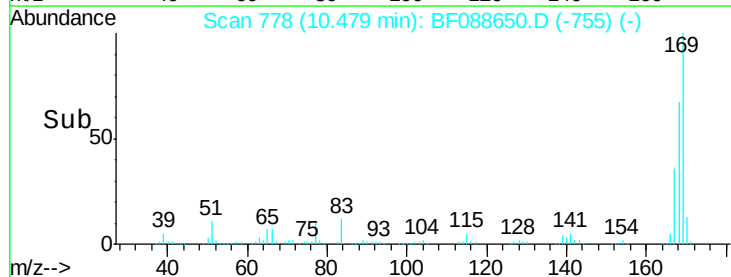
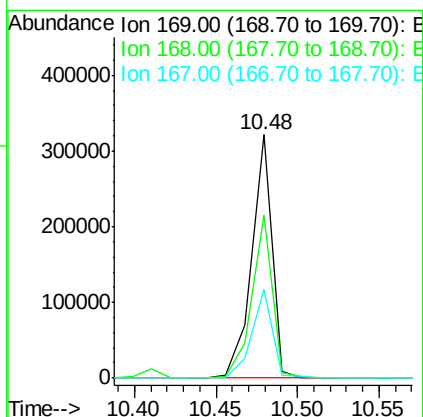
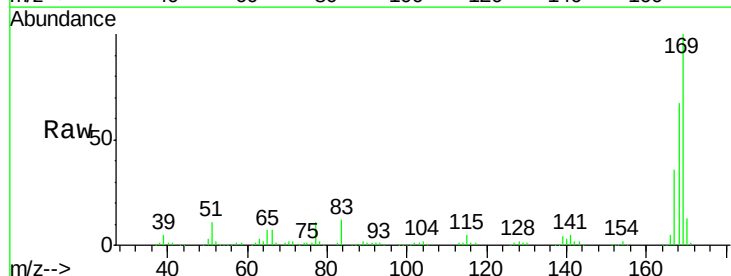
Instrument :
BNA_F
ClientSampleId :

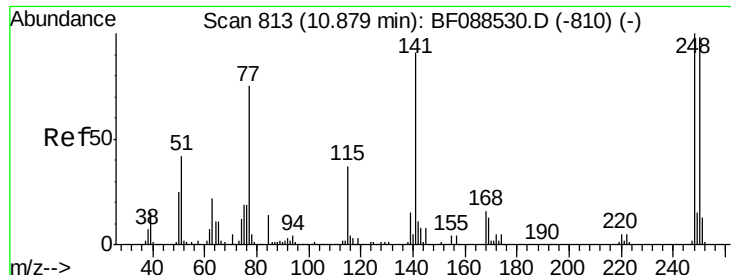
Tot Ion:198 Resp: 41873
Ion Ratio Lower Upper
198 100
51 30.7 39.6 79.6#
105 40.3 36.6 76.6



#65
n-Nitrosodiphenylamine
Concen: 19.70 ng
RT: 10.48 min Scan# 778
Delta R.T. -0.03 min
Lab File: BF088650.D
Acq: 3 Jul 2016 15:33

Tgt Ion:169 Resp: 277830
Ion Ratio Lower Upper
169 100
168 66.7 53.4 80.0
167 36.2 29.4 44.0

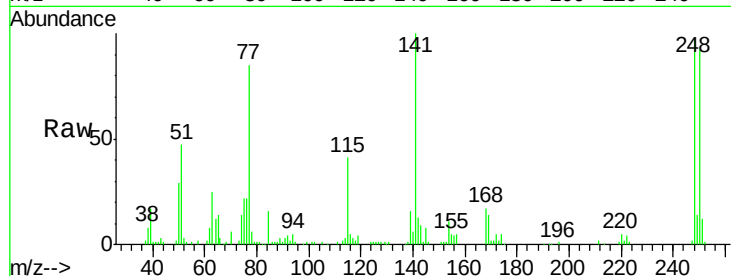




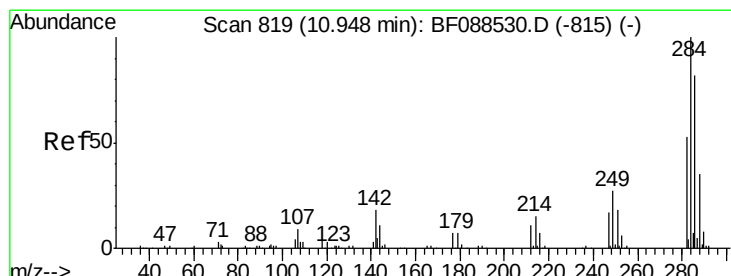
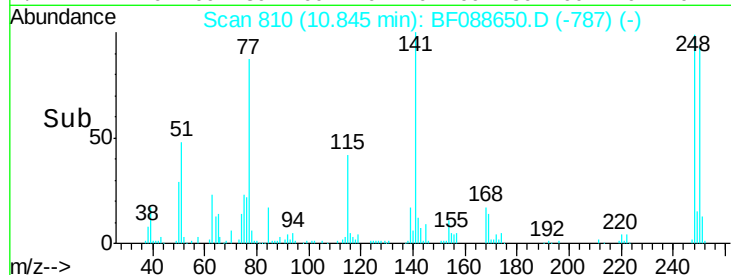
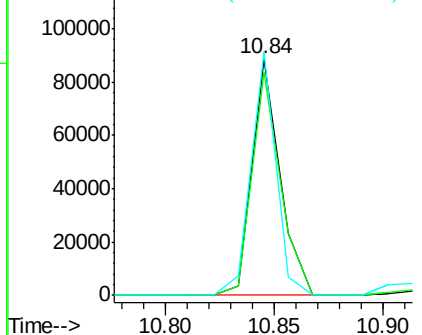
#66
4-Bromophenyl-phenylether
Concen: 18.91 ng
RT: 10.84 min Scan# 810
Delta R.T. -0.03 min
Lab File: BF088650.D
Acq: 3 Jul 2016 15:33

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 79415
Ion Ratio Lower Upper
248 100
250 94.4 77.1 115.7
141 103.0 50.6 76.0#

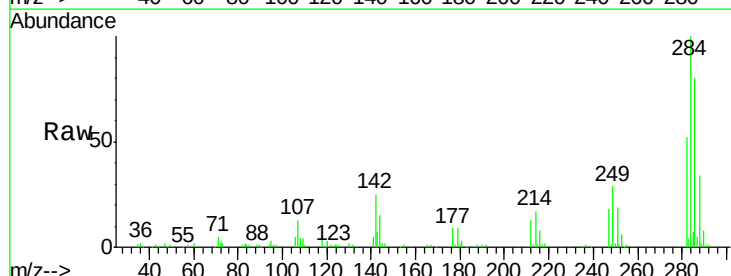


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

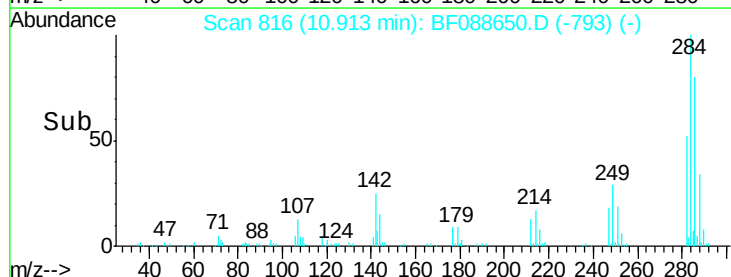
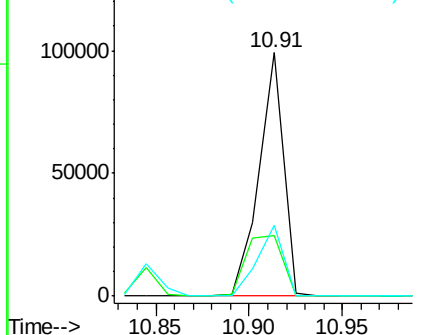


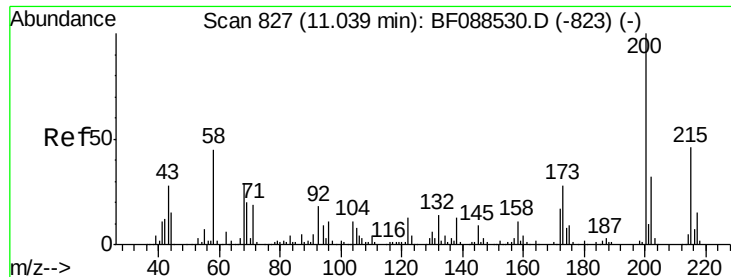
#67
Hexachlorobenzene
Concen: 19.34 ng
RT: 10.91 min Scan# 816
Delta R.T. -0.03 min
Lab File: BF088650.D
Acq: 3 Jul 2016 15:33

Tgt Ion:284 Resp: 89924
Ion Ratio Lower Upper
284 100
142 24.8 35.8 53.8#
249 29.2 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

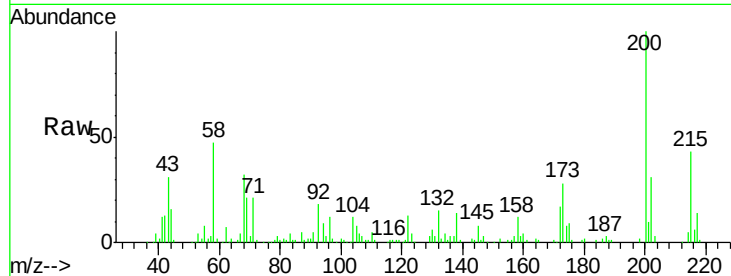




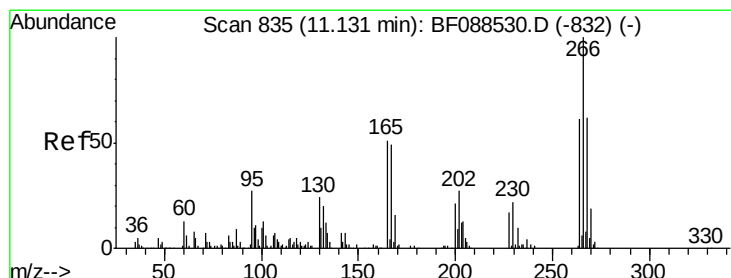
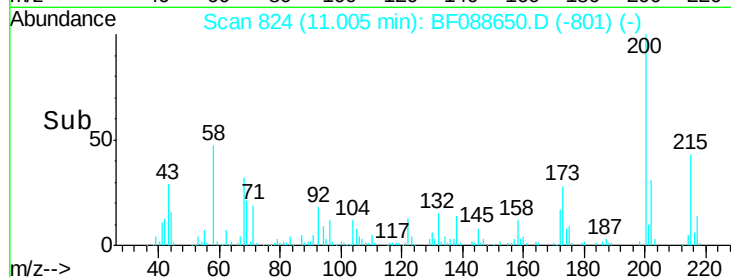
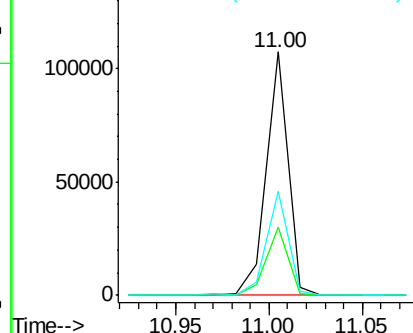
#68
Atrazine
Concen: 19.54 ng
RT: 11.00 min Scan# 824
Delta R.T. -0.03 min
Lab File: BF088650.D
Acq: 3 Jul 2016 15:33

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
200	100		
173	28.1	4.0	44.0
215	42.9	29.3	69.3

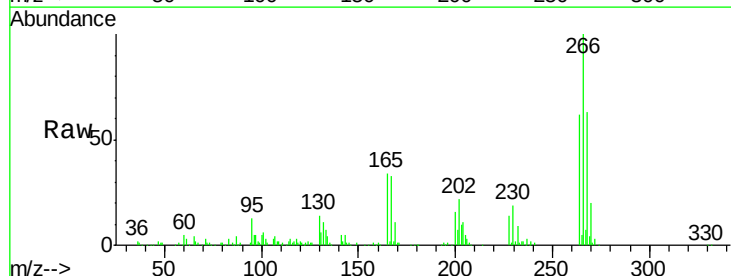


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

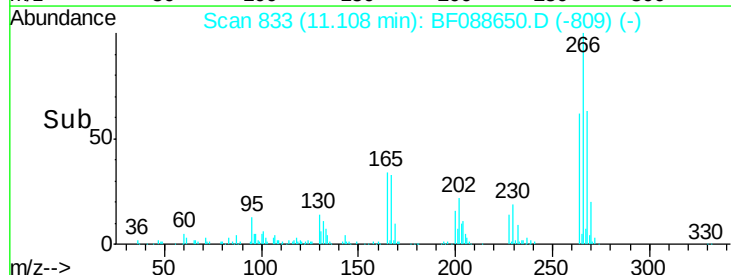
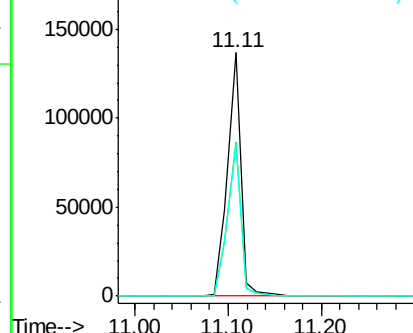


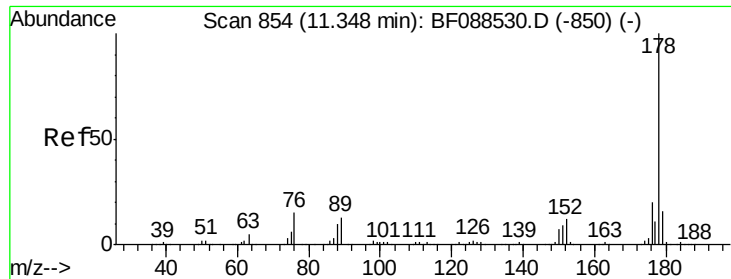
#69
Pentachlorophenol
Concen: 50.04 ng
RT: 11.11 min Scan# 833
Delta R.T. -0.02 min
Lab File: BF088650.D
Acq: 3 Jul 2016 15:33

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.0	52.8	79.2
264	62.3	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

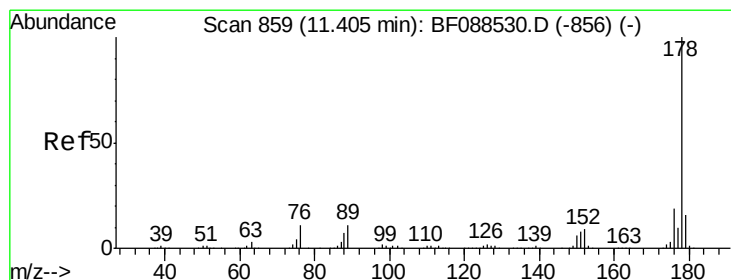
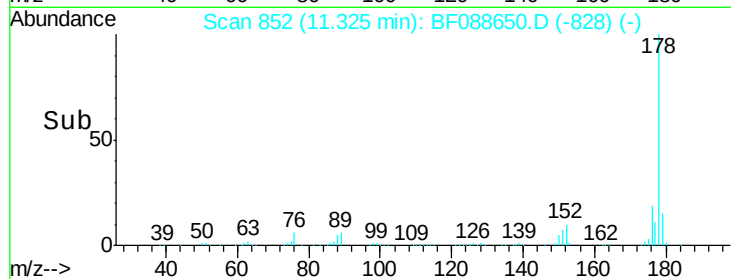
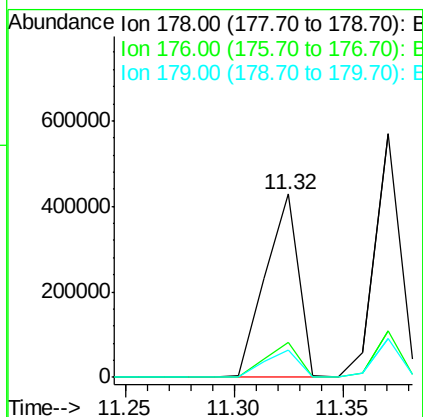
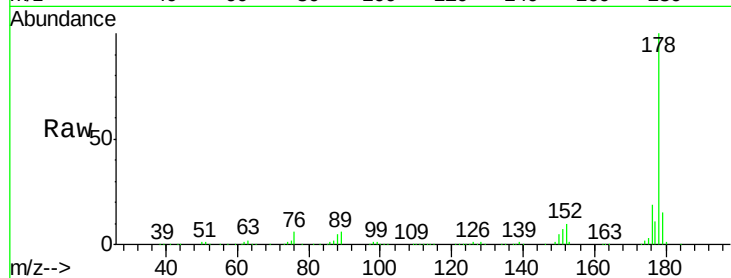




#70
Phenanthrene
Concen: 20.14 ng
RT: 11.32 min Scan# 852
Delta R.T. -0.02 min
Lab File: BF088650.D
Acq: 3 Jul 2016 15:33

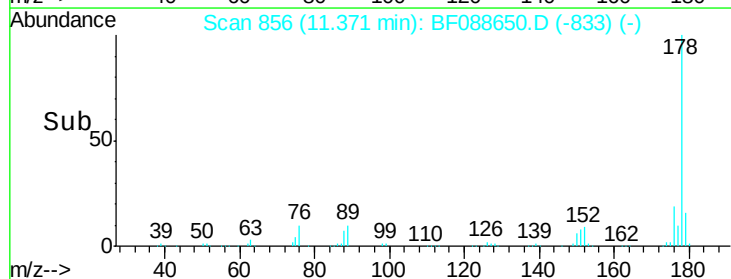
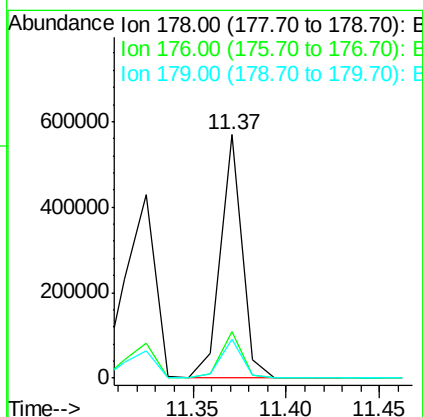
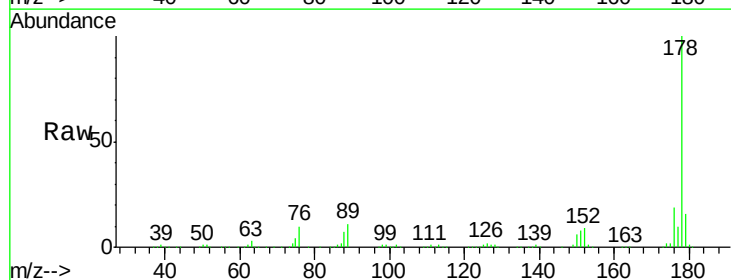
Instrument :
BNA_F
ClientSampleId :

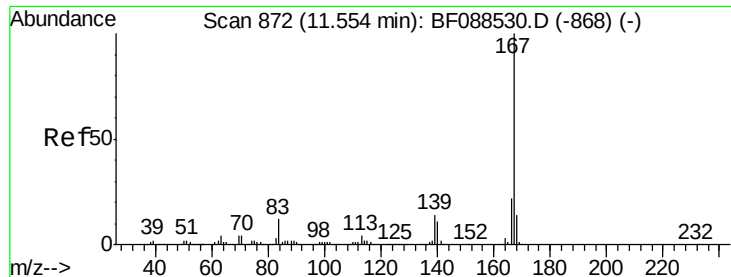
Tot Ion:178 Resp: 458889
Ion Ratio Lower Upper
178 100
176 19.3 15.8 23.6
179 15.1 13.0 19.4



#71
Anthracene
Concen: 20.38 ng
RT: 11.37 min Scan# 856
Delta R.T. -0.03 min
Lab File: BF088650.D
Acq: 3 Jul 2016 15:33

Tgt Ion:178 Resp: 461598
Ion Ratio Lower Upper
178 100
176 19.0 15.6 23.4
179 15.7 12.8 19.2

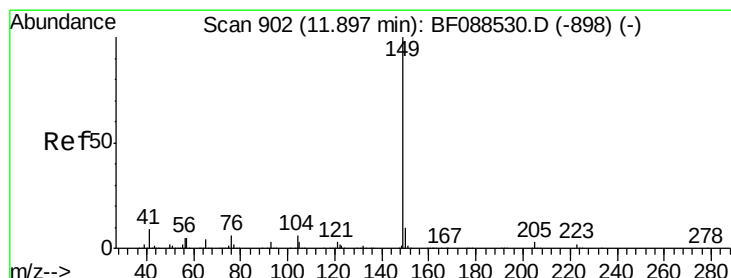
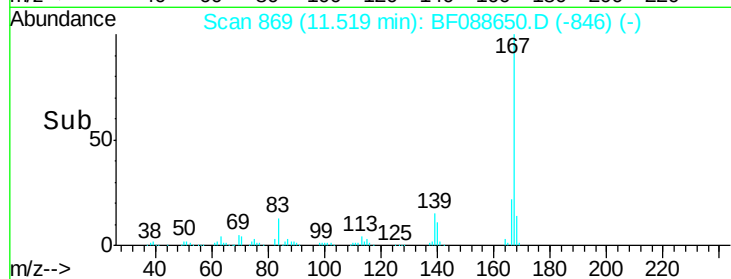
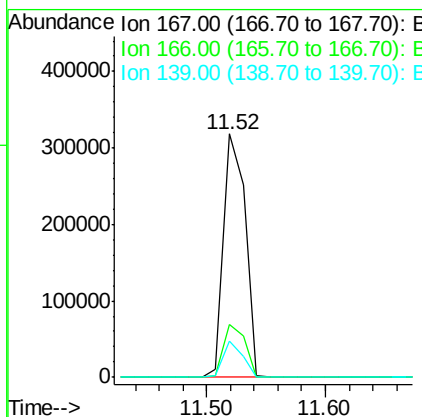
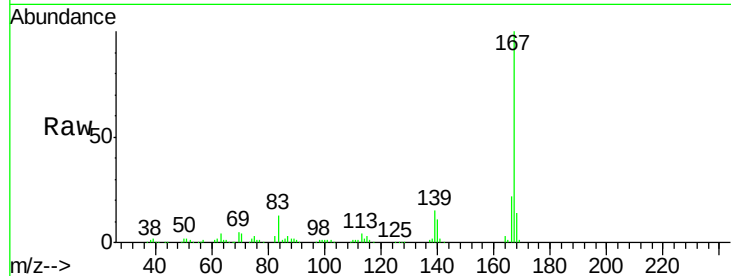




#72
 Carbazole
 Concen: 18.79 ng
 RT: 11.52 min Scan# 869
 Delta R.T. -0.03 min
 Lab File: BF088650.D
 Acq: 3 Jul 2016 15:33

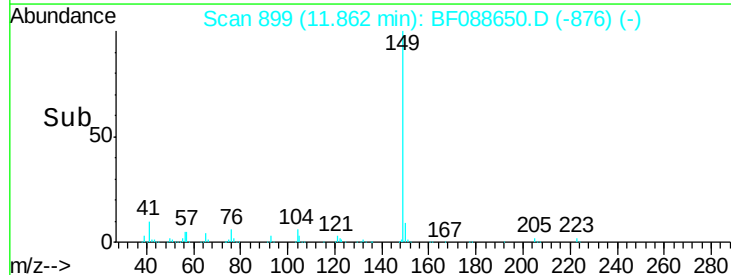
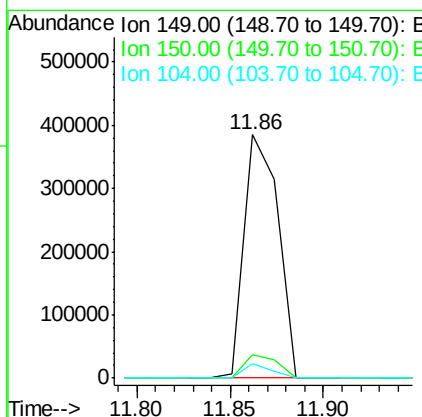
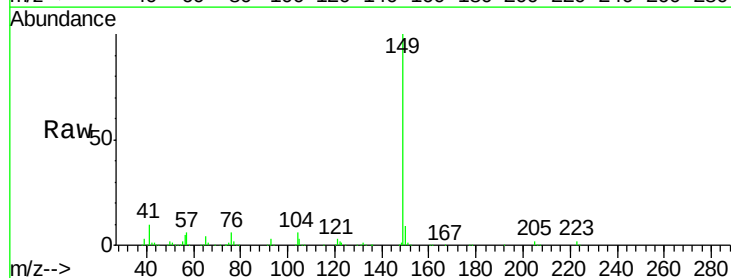
Instrument :
 BNA_F
 ClientSampleId :

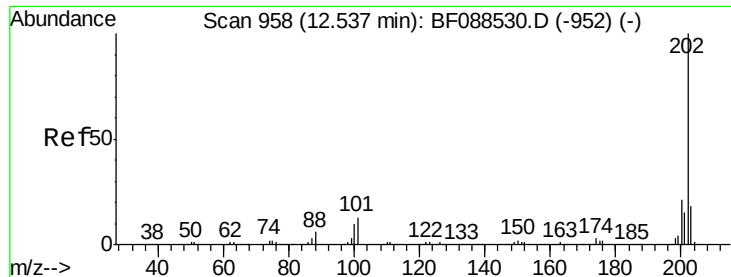
Tot Ion:167 Resp: 400697
 Ion Ratio Lower Upper
 167 100
 166 21.6 17.8 26.6
 139 14.7 11.2 16.8



#73
 Di-n-butylphthalate
 Concen: 19.59 ng
 RT: 11.86 min Scan# 899
 Delta R.T. -0.03 min
 Lab File: BF088650.D
 Acq: 3 Jul 2016 15:33

Tgt Ion:149 Resp: 485962
 Ion Ratio Lower Upper
 149 100
 150 9.5 7.8 11.6
 104 5.9 4.0 6.0

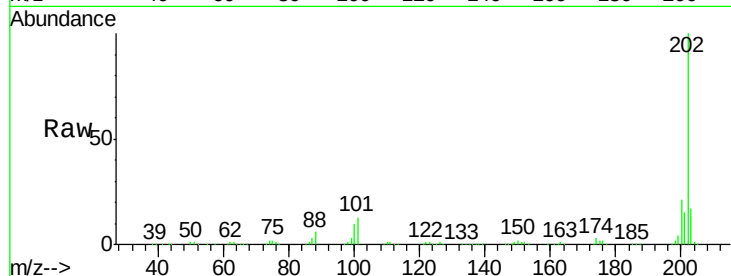




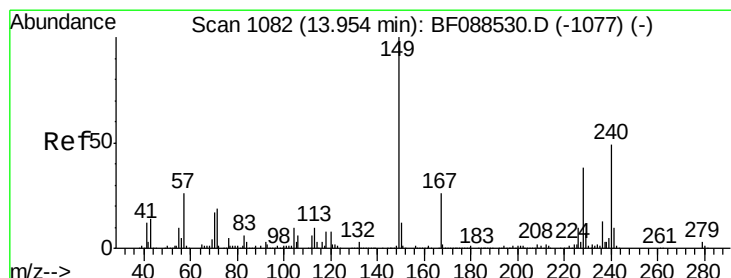
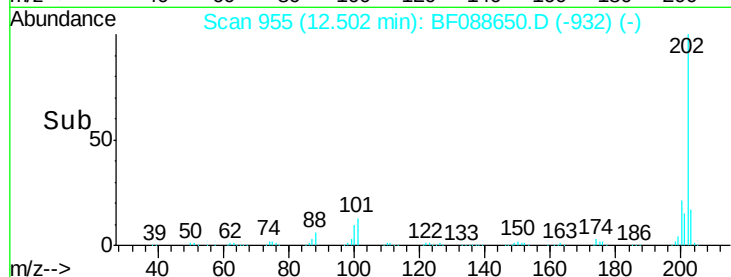
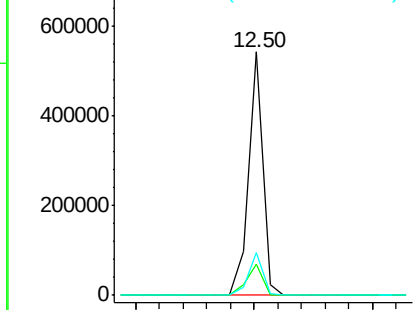
#74
Fluoranthene
Concen: 19.85 ng
RT: 12.50 min Scan# 955
Delta R.T. -0.03 min
Lab File: BF088650.D
Acq: 3 Jul 2016 15:33

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
202	100		
101	12.9	0.0	33.1
203	17.4	0.0	38.1

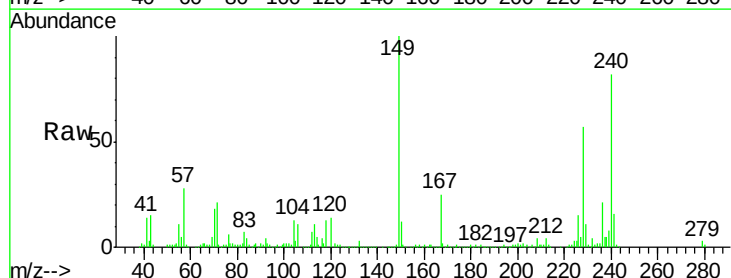


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E

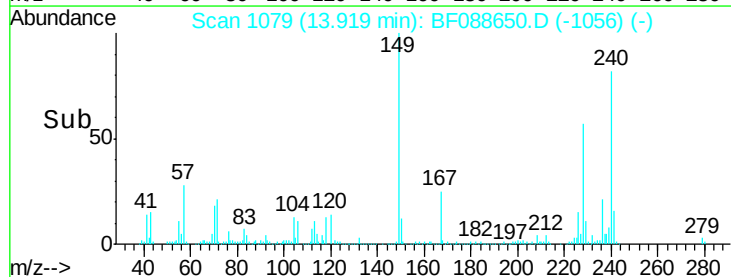
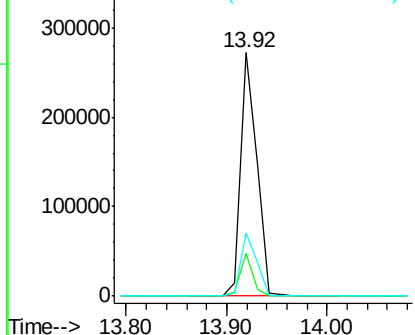


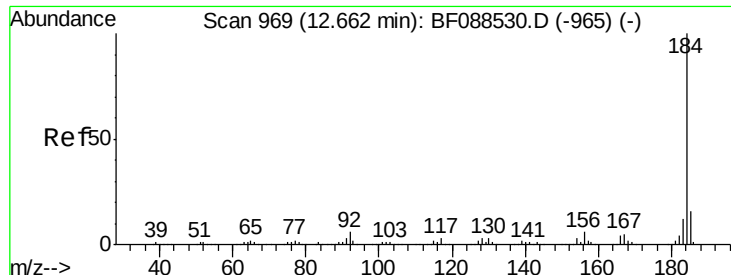
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.92 min Scan# 1079
Delta R.T. -0.03 min
Lab File: BF088650.D
Acq: 3 Jul 2016 15:33

Tgt Ion	Ratio	Lower	Upper
240	100		
120	17.4	6.8	10.2#
236	26.1	20.2	30.2



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

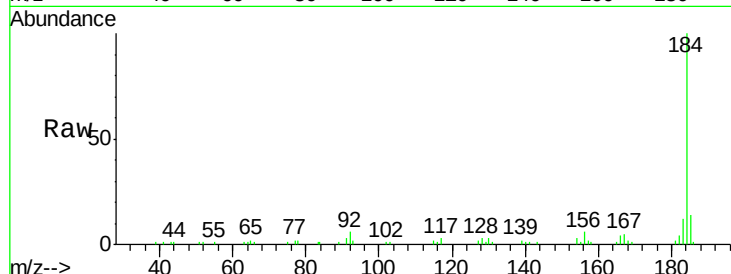




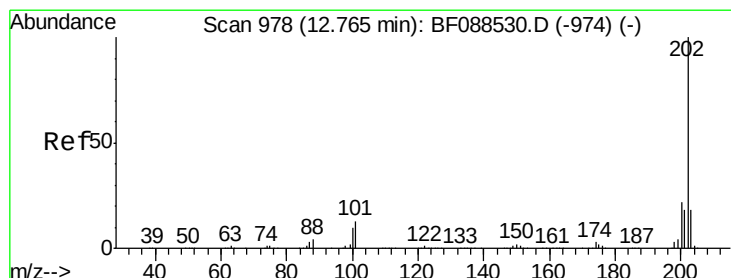
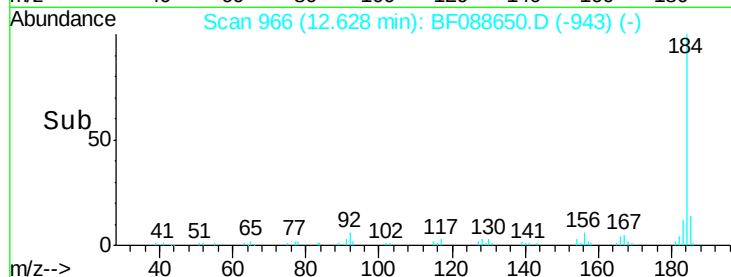
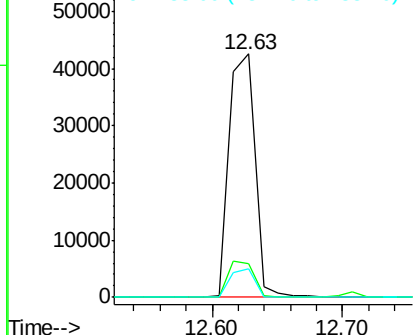
#76
Benzidine
Concen: 3.86 ng
RT: 12.63 min Scan# 966
Delta R.T. -0.03 min
Lab File: BF088650.D
Acq: 3 Jul 2016 15:33

Instrument :
BNA_F
ClientSampleId :

Tot Ion:184 Resp: 58822
Ion Ratio Lower Upper
184 100
185 14.0 12.5 18.7
183 11.6 9.3 13.9

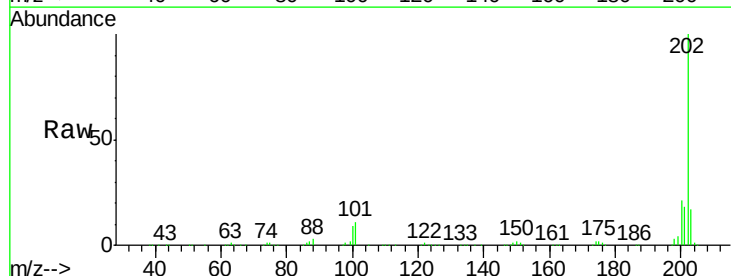


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E

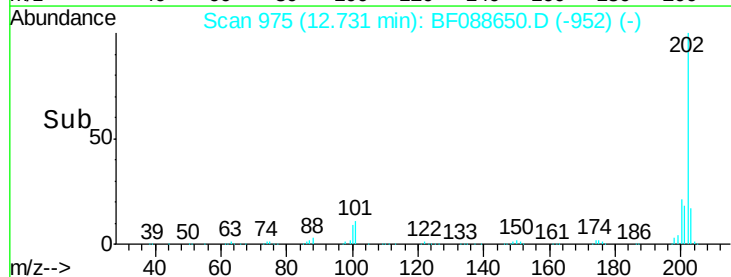
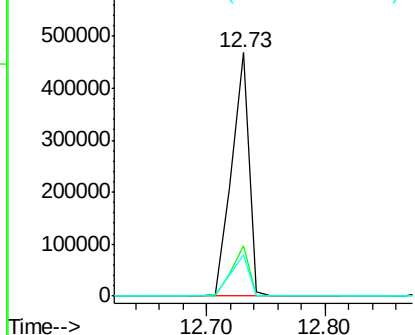


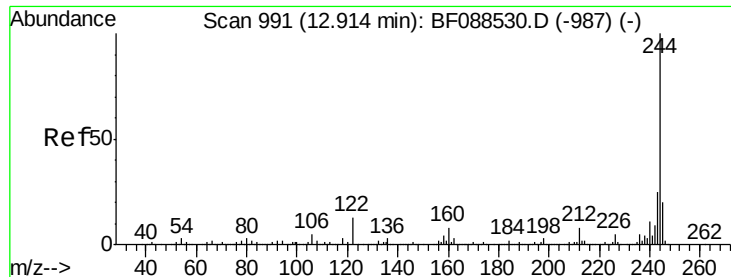
#77
Pyrene
Concen: 18.50 ng
RT: 12.73 min Scan# 975
Delta R.T. -0.03 min
Lab File: BF088650.D
Acq: 3 Jul 2016 15:33

Tgt Ion:202 Resp: 472822
Ion Ratio Lower Upper
202 100
200 20.8 17.4 26.2
203 17.1 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

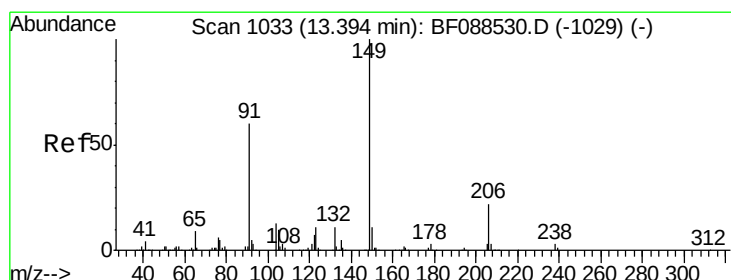
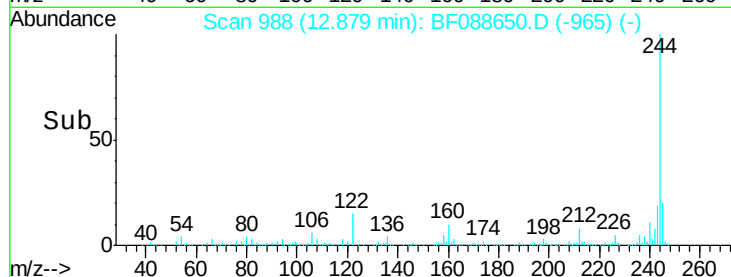
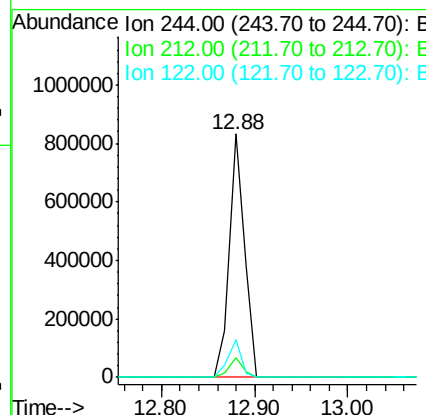
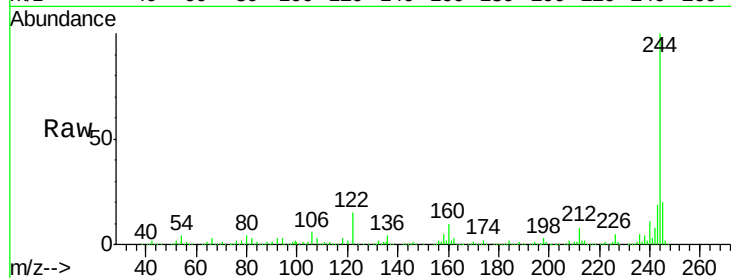




#78
 Terphenyl-d14
 Concen: 69.89 ng
 RT: 12.88 min Scan# 988
 Delta R.T. -0.03 min
 Lab File: BF088650.D
 Acq: 3 Jul 2016 15:33

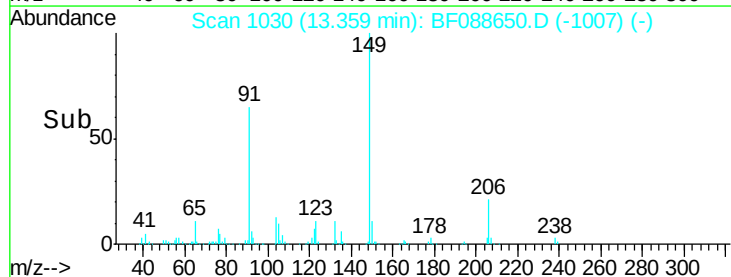
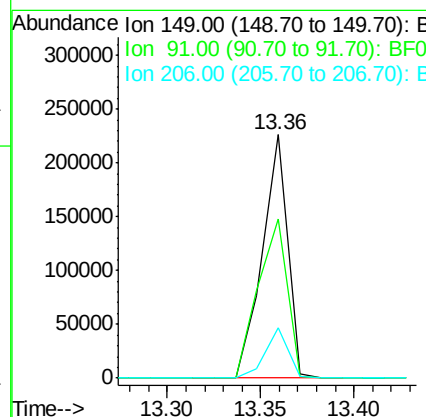
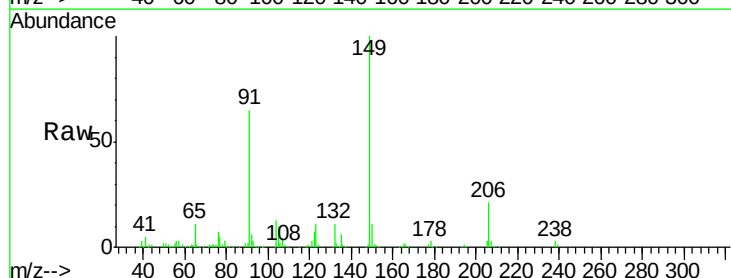
Instrument :
 BNA_F
 ClientSampled :

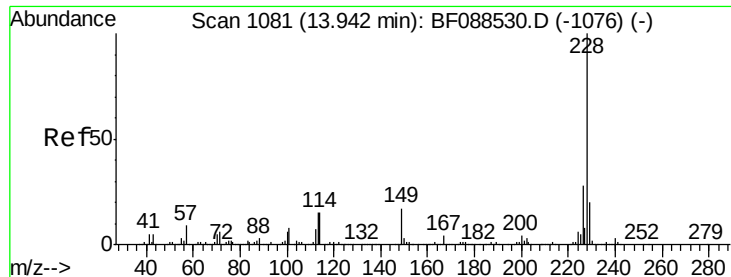
Tot Ion:244 Resp: 945724
 Ion Ratio Lower Upper
 244 100
 212 8.2 6.0 9.0
 122 15.5 11.2 16.8



#79
 Butylbenzylphthalate
 Concen: 18.49 ng
 RT: 13.36 min Scan# 1030
 Delta R.T. -0.03 min
 Lab File: BF088650.D
 Acq: 3 Jul 2016 15:33

Tgt Ion:149 Resp: 210744
 Ion Ratio Lower Upper
 149 100
 91 65.1 48.0 72.0
 206 20.5 16.0 24.0





#80

Benzo(a)anthracene

Concen: 18.88 ng

RT: 13.91 min Scan# 1078

Delta R.T. -0.03 min

Lab File: BF088650.D

Acq: 3 Jul 2016 15:33

Instrument :

BNA_F

ClientSampleId :

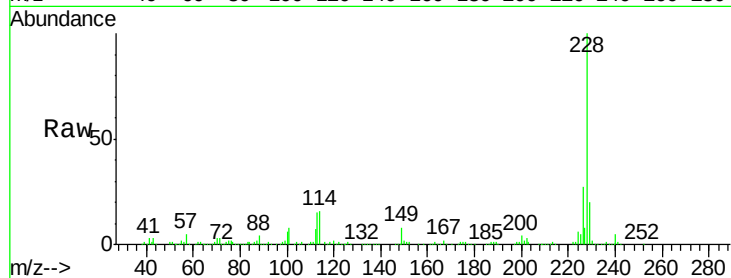
Tot Ion:228 Resp: 366332

Ion Ratio Lower Upper

228 100

226 27.3 22.3 33.5

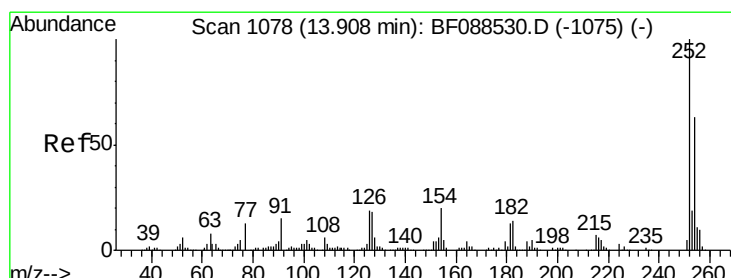
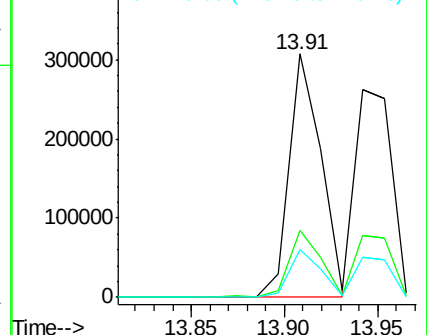
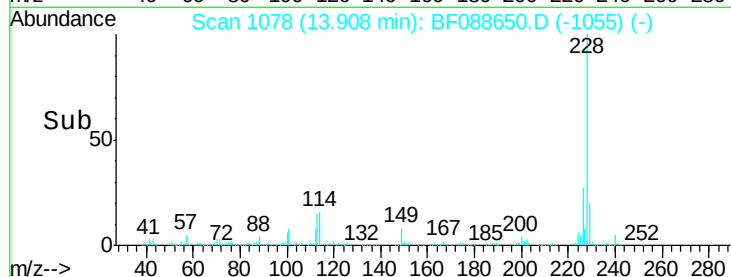
229 19.7 16.0 24.0



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



#81

3,3'-Dichlorobenzidine

Concen: 11.23 ng

RT: 13.87 min Scan# 1075

Delta R.T. -0.03 min

Lab File: BF088650.D

Acq: 3 Jul 2016 15:33

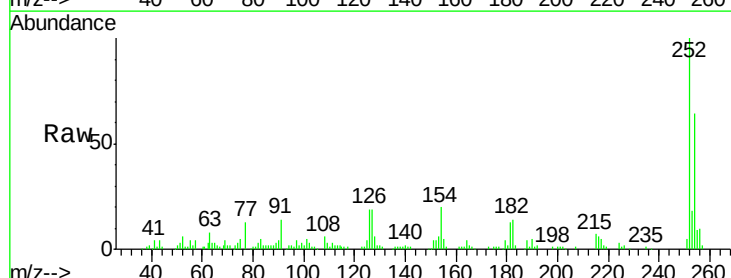
Tgt Ion:252 Resp: 81926

Ion Ratio Lower Upper

252 100

254 64.4 52.6 78.8

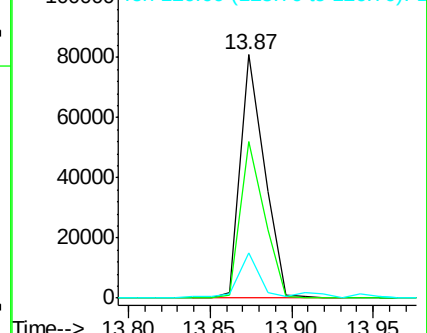
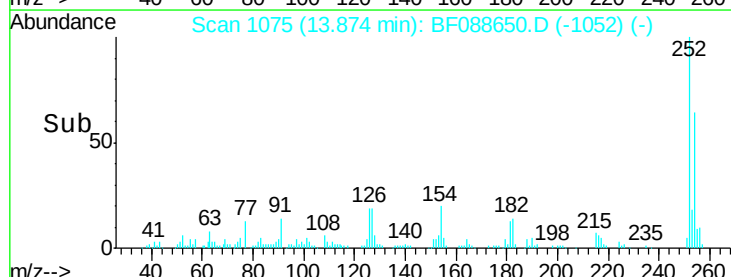
126 18.8 6.2 9.2#

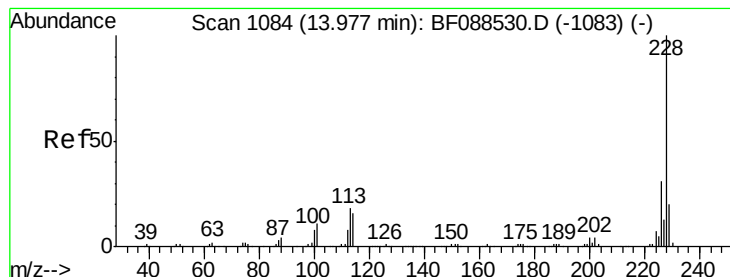


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#82

Chrysene

Concen: 18.71 ng

RT: 13.94 min Scan# 1081

Delta R.T. -0.03 min

Lab File: BF088650.D

Acq: 3 Jul 2016 15:33

Instrument :

BNA_F

ClientSampleId :

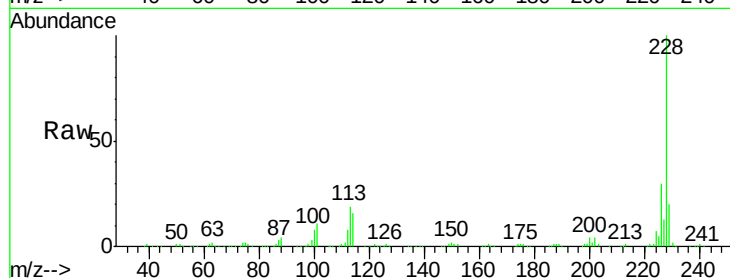
Tot Ion:228 Resp: 359209

Ion Ratio Lower Upper

228 100

226 29.9 25.4 38.2

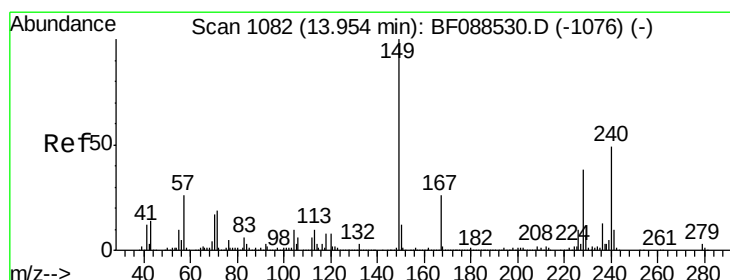
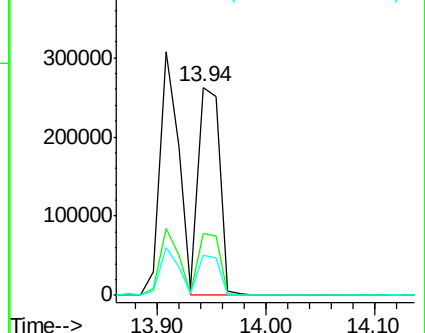
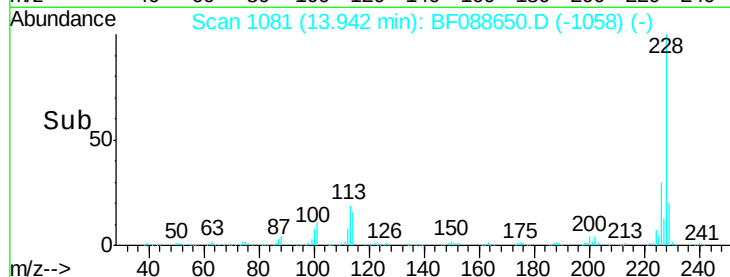
229 19.6 16.3 24.5



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



#83

Bis(2-ethylhexyl)phthalate

Concen: 22.09 ng

RT: 13.92 min Scan# 1079

Delta R.T. -0.03 min

Lab File: BF088650.D

Acq: 3 Jul 2016 15:33

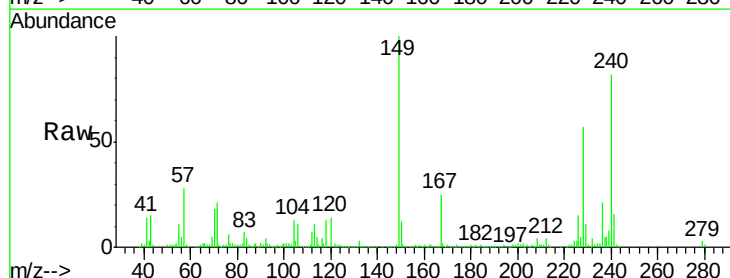
Tgt Ion:149 Resp: 287520

Ion Ratio Lower Upper

149 100

167 24.8 20.5 30.7

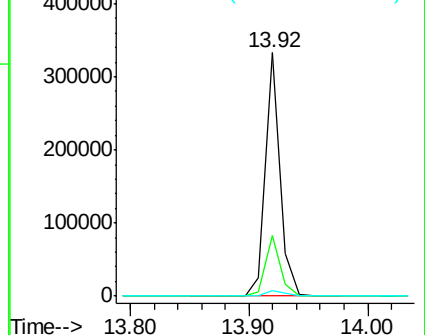
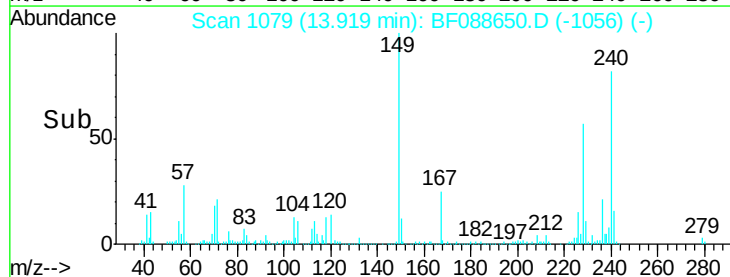
279 2.5 2.0 3.0

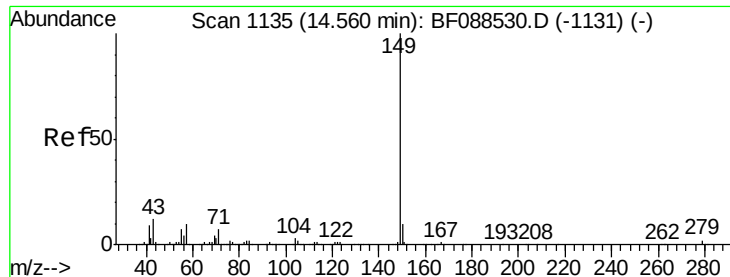


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#84

Di-n-octyl phthalate

Concen: 21.57 ng

RT: 14.53 min Scan# 1132

Delta R.T. -0.03 min

Lab File: BF088650.D

Acq: 3 Jul 2016 15:33

Instrument :

BNA_F

ClientSampleId :

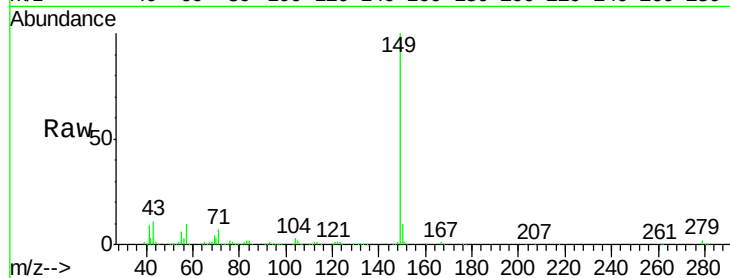
Tot Ion:149 Resp: 476940

Ion Ratio Lower Upper

149 100

167 1.7 0.0 0.0#

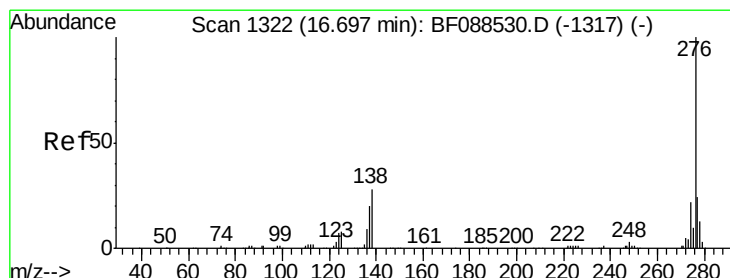
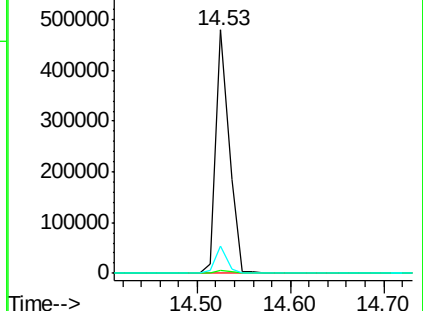
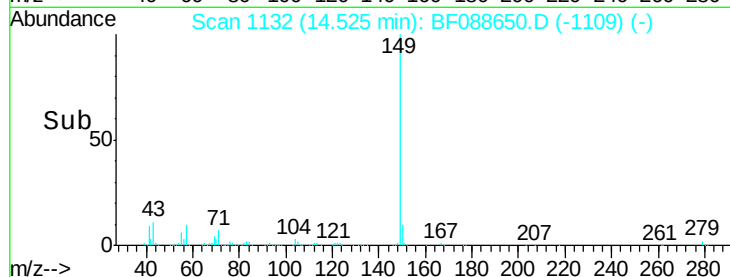
43 9.8 0.0 0.0#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0



#85

Indeno(1,2,3-cd)pyrene

Concen: 18.93 ng

RT: 16.64 min Scan# 1317

Delta R.T. -0.06 min

Lab File: BF088650.D

Acq: 3 Jul 2016 15:33

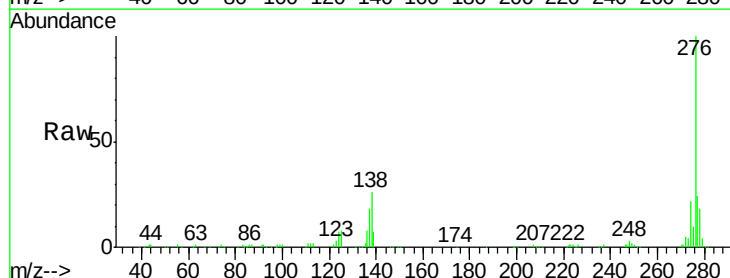
Tgt Ion:276 Resp: 279686

Ion Ratio Lower Upper

276 100

138 29.6 0.0 0.0#

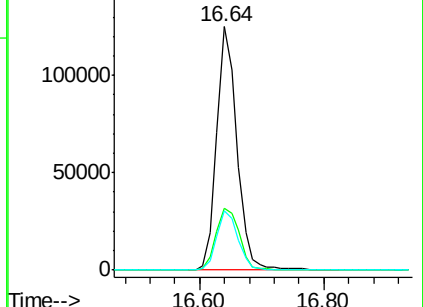
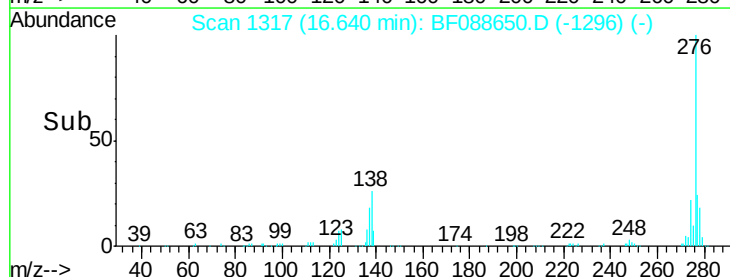
277 25.7 0.0 0.0#

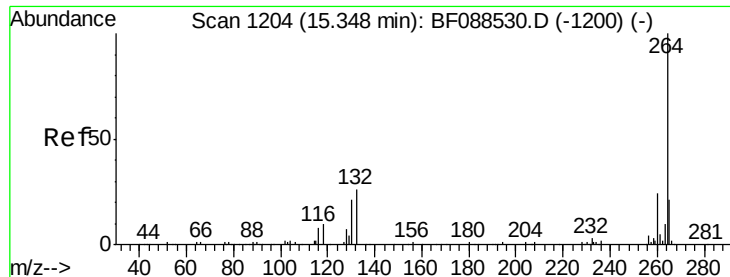


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

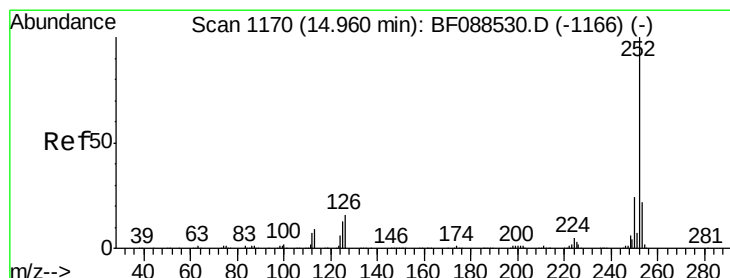
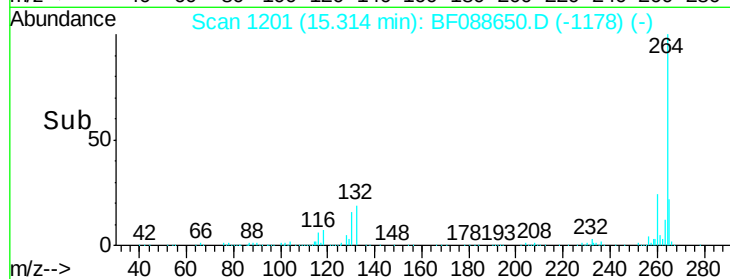
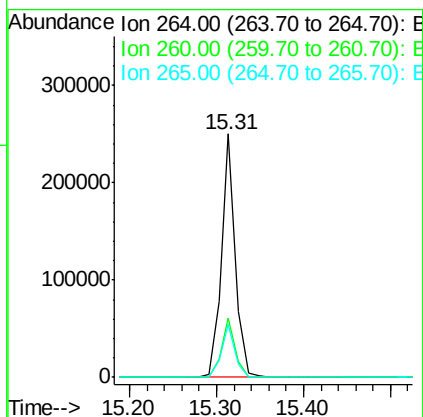
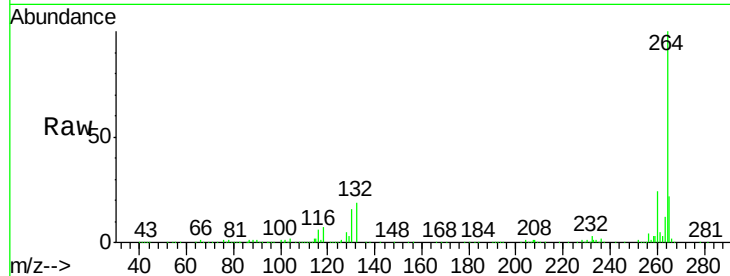




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.31 min Scan# 1201
Delta R.T. -0.03 min
Lab File: BF088650.D
Acq: 3 Jul 2016 15:33

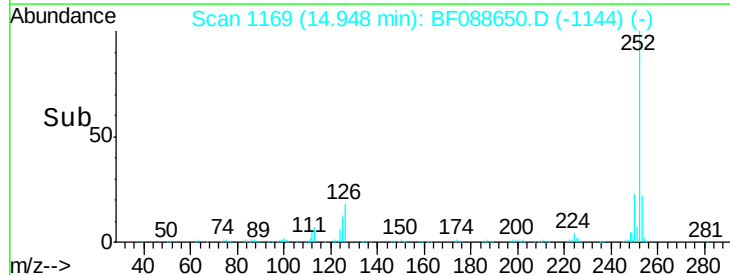
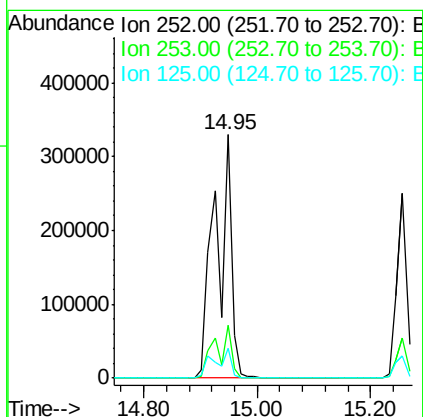
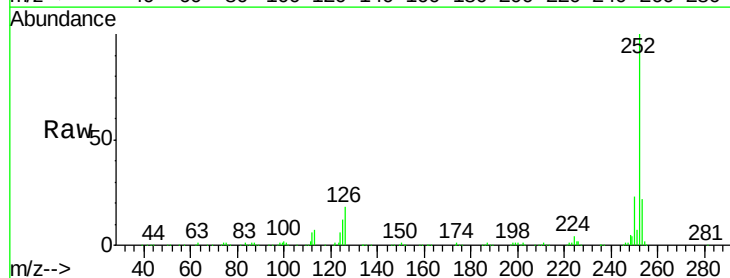
Instrument :
BNA_F
ClientSampleId :

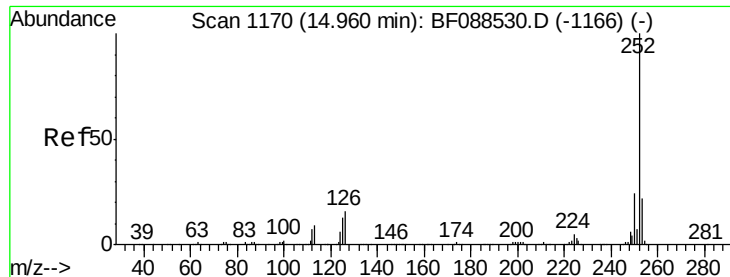
Tot Ion:264 Resp: 279891
Ion Ratio Lower Upper
264 100
260 24.1 19.2 28.8
265 21.7 16.9 25.3



#87
Benzo(b)fluoranthene
Concen: 35.97 ng
RT: 14.95 min Scan# 1169
Delta R.T. -0.01 min
Lab File: BF088650.D
Acq: 3 Jul 2016 15:33

Tgt Ion:252 Resp: 631480
Ion Ratio Lower Upper
252 100
253 21.8 17.4 26.2
125 12.2 7.1 10.7#

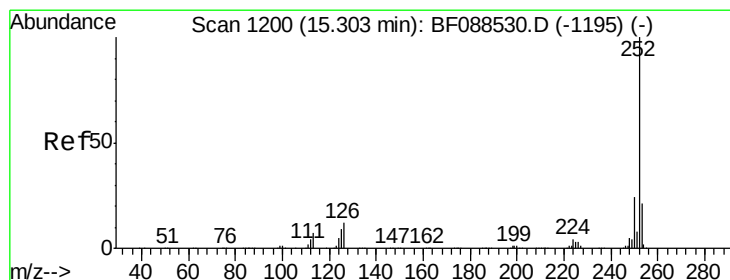
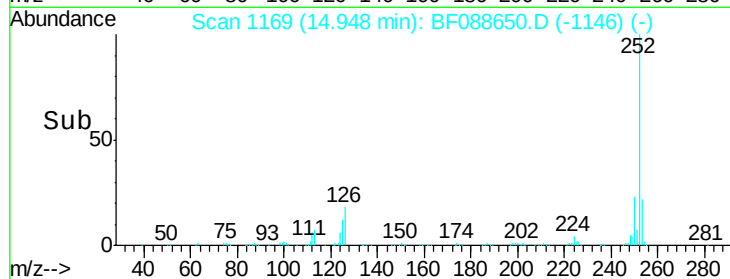
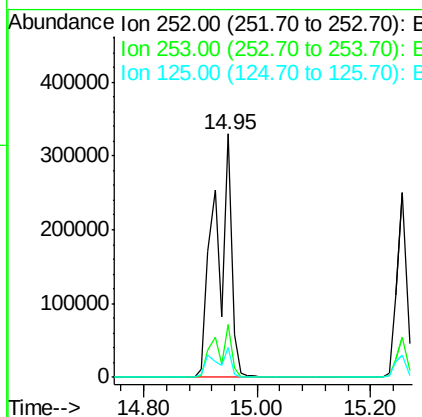
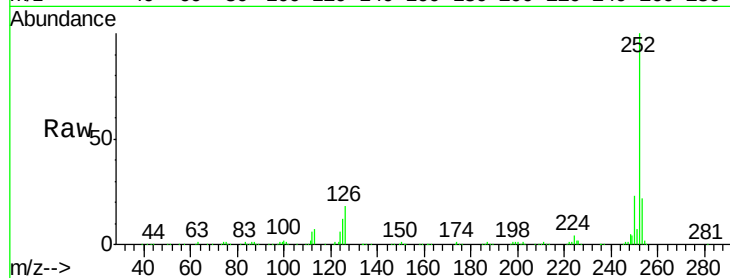




#88
Benzo(k)fluoranthene
Concen: 41.31 ng
RT: 14.95 min Scan# 1169
Delta R.T. -0.03 min
Lab File: BF088650.D
Acq: 3 Jul 2016 15:33

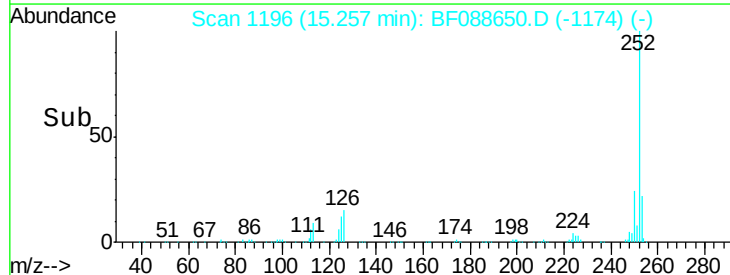
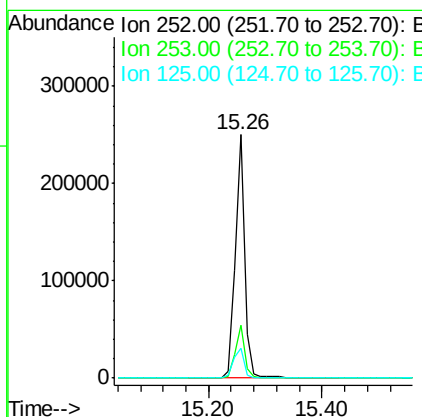
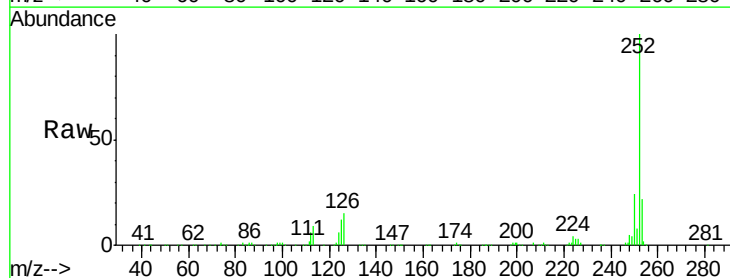
Instrument :
BNA_F
ClientSampleId :

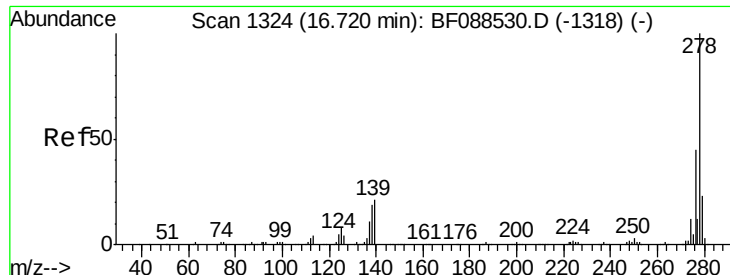
Tot Ion:252 Resp: 631480
Ion Ratio Lower Upper
252 100
253 21.8 18.0 27.0
125 12.2 11.2 16.8



#89
Benzo(a)pyrene
Concen: 19.90 ng
RT: 15.26 min Scan# 1196
Delta R.T. -0.05 min
Lab File: BF088650.D
Acq: 3 Jul 2016 15:33

Tgt Ion:252 Resp: 295862
Ion Ratio Lower Upper
252 100
253 21.8 17.9 26.9
125 12.3 12.5 18.7#

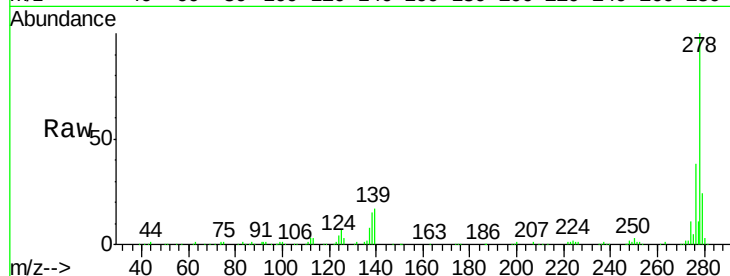




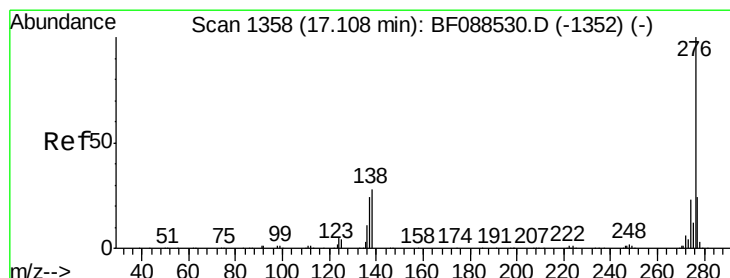
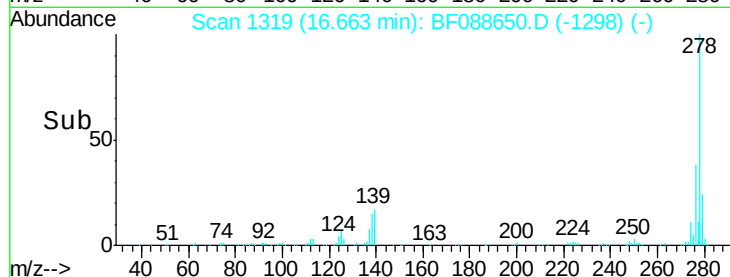
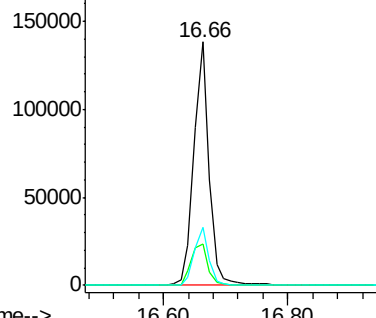
#90
Dibenzo(a,h)anthracene
Concen: 18.82 ng
RT: 16.66 min Scan# 1319
Delta R.T. -0.06 min
Lab File: BF088650.D
Acq: 3 Jul 2016 15:33

Instrument :
BNA_F
ClientSampleId :

Tot Ion:278 Resp: 233656
Ion Ratio Lower Upper
278 100
139 16.8 15.7 23.5
279 23.8 19.4 29.2

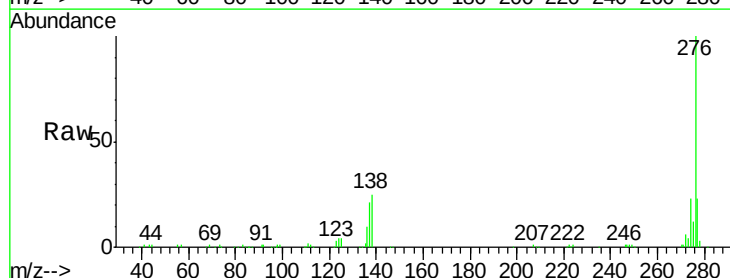


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#91
Benzo(g,h,i)perylene
Concen: 17.94 ng
RT: 17.04 min Scan# 1352
Delta R.T. -0.07 min
Lab File: BF088650.D
Acq: 3 Jul 2016 15:33

Tgt Ion:276 Resp: 230396
Ion Ratio Lower Upper
276 100
277 23.0 18.9 28.3
138 24.8 21.4 32.2



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

