

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071916\
 Data File : BF089110.D
 Acq On : 19 Jul 2016 11:16
 Operator : UM/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 19 15:24:21 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF063016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 11 18:13:32 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.63	152	50423	20.00	ng	-0.08
21) Naphthalene-d8	7.91	136	199403	20.00	ng	-0.09
38) Acenaphthene-d10	9.66	164	95853	20.00	ng	-0.09
63) Phenanthrene-d10	11.13	188	188766	20.00	ng	-0.09
75) Chrysene-d12	13.76	240	142545	20.00	ng	-0.09
86) Perylene-d12	15.11	264	111935	20.00	ng	-0.10

System Monitoring Compounds						
5) 2-Fluorophenol	5.21	112	263391	78.29	ng	-0.08
7) Phenol-d6	6.28	99	333143	76.63	ng	-0.07
23) Nitrobenzene-d5	7.20	82	318641	83.74	ng	-0.08
41) 2,4,6-Tribromophenol	10.44	330	62816	70.57	ng	-0.09
44) 2-Fluorobiphenyl	8.99	172	583009	96.07	ng	-0.08
78) Terphenyl-d14	12.72	244	511297	79.89	ng	-0.08

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.07	88	54621	32.75	ng	# 30
3) Pyridine	2.70	79	158997	32.85	ng	94
4) n-Nitrosodimethylamine	2.66	42	63786	34.50	ng	99
6) Aniline	6.28	93	216361	34.15	ng	# 67
8) 2-Chlorophenol	6.41	128	145719	40.30	ng	97
9) Benzaldehyde	6.16	77	96394	32.73	ng	83
10) Phenol	6.30	94	198571	40.02	ng	81
11) bis(2-Chloroethyl)ether	6.36	93	128276	34.67	ng	90
12) 1,3-Dichlorobenzene	6.80	146	161297	40.54	ng	96
13) 1,4-Dichlorobenzene	6.64	146	150305	38.06	ng	95
14) 1,2-Dichlorobenzene	6.80	146	161303	43.63	ng	95
15) Benzyl Alcohol	6.78	79	116191	36.32	ng	90
16) 2,2'-oxybis(1-Chloropropan	6.91	45	164579	30.72	ng	63
17) 2-Methylphenol	6.90	107	107643	36.49	ng	# 91
18) Hexachloroethane	7.14	117	58406	38.23	ng	# 88
19) n-Nitroso-di-n-propylamine	7.05	70	106795	36.57	ng	96
20) 3+4-Methylphenols	7.06	107	150353	42.47	ng	# 78
22) Acetophenone	7.05	105	225161	46.52	ng	97
24) Nitrobenzene	7.21	77	151315	39.44	ng	# 78
25) Isophorone	7.46	82	282529	40.08	ng	97
26) 2-Nitrophenol	7.53	139	70649	44.91	ng	# 93
27) 2,4-Dimethylphenol	7.59	122	133220	40.66	ng	88
28) bis(2-Chloroethoxy)methane	7.68	93	195208	42.56	ng	# 96
29) 2,4-Dichlorophenol	7.78	162	121593	45.92	ng	99
30) 1,2,4-Trichlorobenzene	7.86	180	129907	44.70	ng	98
31) Naphthalene	7.93	128	409474	41.65	ng	100
32) Benzoic acid	7.74	122	91887	38.62	ng	89
33) 4-Chloroaniline	7.99	127	168811	38.60	ng	95
34) Hexachlorobutadiene	8.06	225	68170	43.81	ng	98
35) Caprolactam	8.38	113	39292	43.69	ng	# 63
36) 4-Chloro-3-methylphenol	8.49	107	152769	48.78	ng	99
37) 2-Methylnaphthalene	8.63	142	300653	47.50	ng	# 94
39) 1,2,4,5-Tetrachlorobenzene	8.80	216	145448	45.62	ng	# 1
40) Hexachlorocyclopentadiene	8.78	237	51058	32.63	ng	99

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071916\
 Data File : BF089110.D
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 Operator : UM/SJ
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 19 15:24:21 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF063016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 11 18:13:32 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.91	196	86235	41.03	nq	100
43) 2,4,5-Trichlorophenol	8.95	196	80223	44.36	nq	# 79
45) 1,1'-Biphenyl	9.10	154	350004	44.10	nq	95
46) 2-Chloronaphthalene	9.11	162	248175	39.83	nq	95
47) 2-Nitroaniline	9.21	65	88328	39.94	nq	96
48) Acenaphthylene	9.52	152	397090	40.05	nq	99
49) Dimethylphthalate	9.40	163	310523	45.47	nq	98
50) 2,6-Dinitrotoluene	9.46	165	73389	48.49	nq	94
51) Acenaphthene	9.69	154	230357	37.90	nq	99
52) 3-Nitroaniline	9.62	138	73904	38.41	nq	91
53) 2,4-Dinitrophenol	9.74	184	30156	45.13	nq	# 88
54) Dibenzofuran	9.86	168	308106	38.73	nq	# 85
55) 4-Nitrophenol	9.80	139	58787	40.21	nq	87
56) 2,4-Dinitrotoluene	9.86	165	95578	48.30	nq	# 56
57) Fluorene	10.20	166	270482	44.12	nq	98
58) 2,3,4,6-Tetrachlorophenol	9.99	232	59113	42.25	nq	# 48
59) Diethylphthalate	10.09	149	280889	40.99	nq	97
60) 4-Chlorophenyl-phenylether	10.20	204	136918	48.07	nq	96
61) 4-Nitroaniline	10.24	138	85853	46.37	nq	94
62) Azobenzene	10.36	77	323008	41.32	nq	94
64) 4,6-Dinitro-2-methylphenol	10.27	198	48696	48.23	nq	# 67
65) n-Nitrosodiphenylamine	10.32	169	240054	37.57	nq	99
66) 4-Bromophenyl-phenylether	10.68	248	68537	36.03	nq	# 71
67) Hexachlorobenzene	10.75	284	80213	38.09	nq	95
68) Atrazine	10.86	200	75063	37.71	nq	93
69) Pentachlorophenol	10.95	266	43282	34.73	nq	96
70) Phenanthrene	11.15	178	401066	38.87	nq	98
71) Anthracene	11.21	178	439989	42.88	nq	98
72) Carbazole	11.37	167	421556	43.65	nq	99
73) Di-n-butylphthalate	11.71	149	466777	41.55	nq	98
74) Fluoranthene	12.34	202	465112	44.46	nq	93
76) Benzidine	12.47	184	326513	45.32	nq	98
77) Pyrene	12.56	202	419634	34.72	nq	99
79) Butylbenzylphthalate	13.19	149	177399	32.91	nq	# 70
80) Benzo(a)anthracene	13.75	228	343002	37.37	nq	99
81) 3,3'-Dichlorobenzidine	13.71	252	116619	33.79	nq	# 96
82) Chrysene	13.78	228	302077	33.26	nq	98
83) Bis(2-ethylhexyl)phthalate	13.76	149	252699	41.06	nq	# 100
84) Di-n-octyl phthalate	14.37	149	388485	37.15	nq	# 100
85) Indeno(1,2,3-cd)pyrene	16.35	276	236126	33.80	nq	# 100
87) Benzo(b)fluoranthene	14.74	252	531085	75.63	nq	# 97
88) Benzo(k)fluoranthene	14.74	252	531085	86.88	nq	98
89) Benzo(a)pyrene	15.05	252	245309	41.26	nq	100
90) Dibenzo(a,h)anthracene	16.37	278	203597	41.01	nq	97
91) Benzo(g,h,i)perylene	16.72	276	204986	39.90	nq	99

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

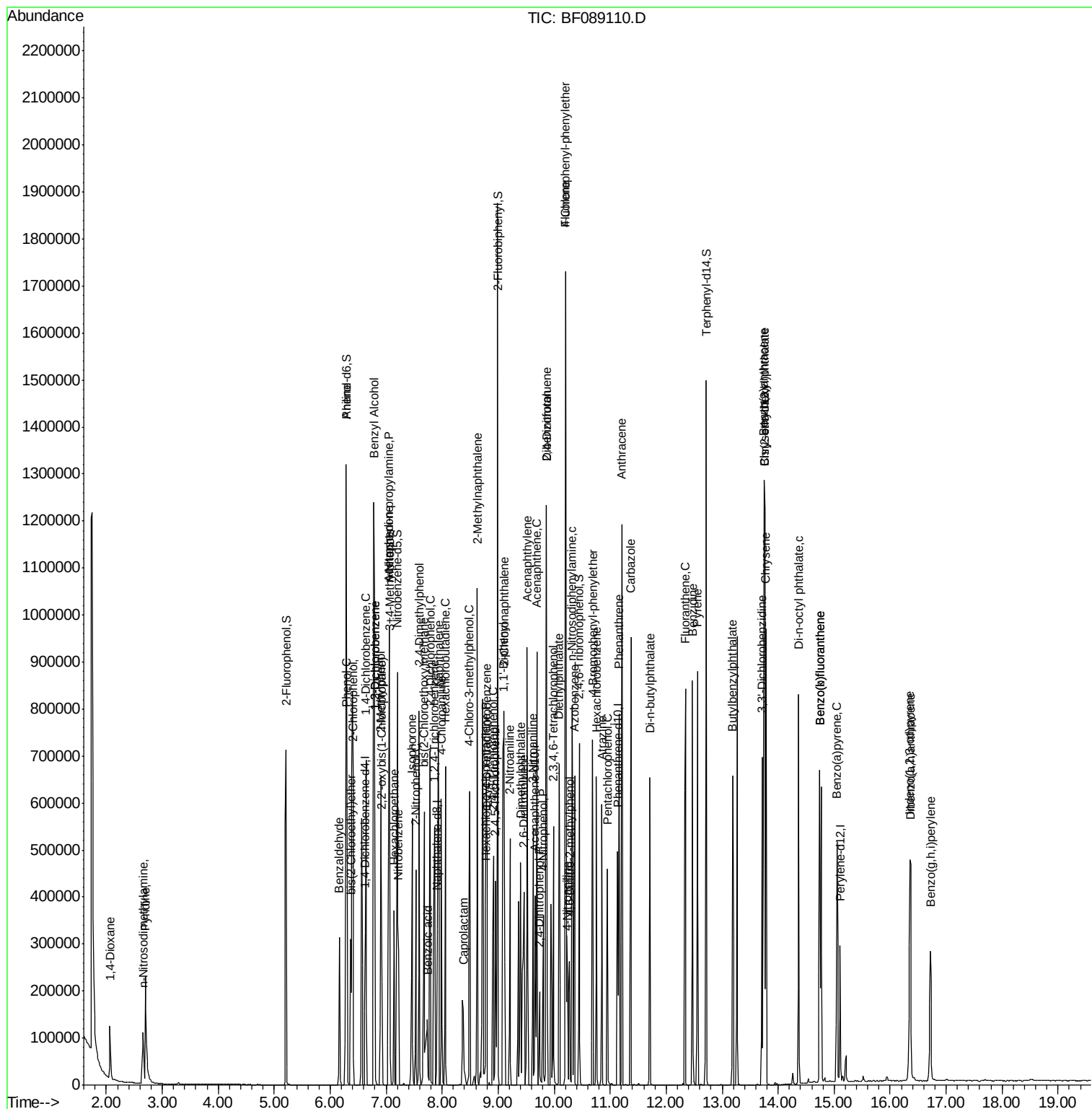
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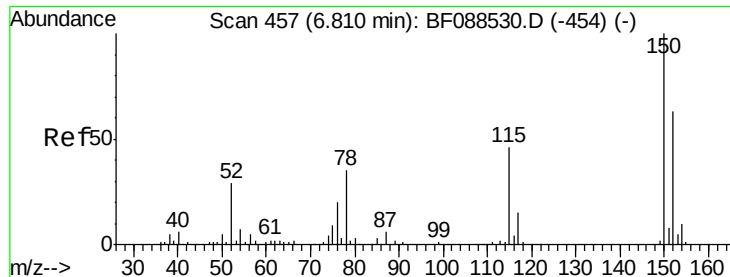
Data Path : Z:\HPCHEM1\BNA F\DATA\BF071916\
Data File : BF089110.D
Acq On    : 19 Jul 2016   11:16
Operator  : UM/SJ
Sample    : SSTCCCC040
Misc      :
ALS Vial  : 2      Sample Multiplier: 1

```

Instrument :
BNA_F
ClientSampleId :

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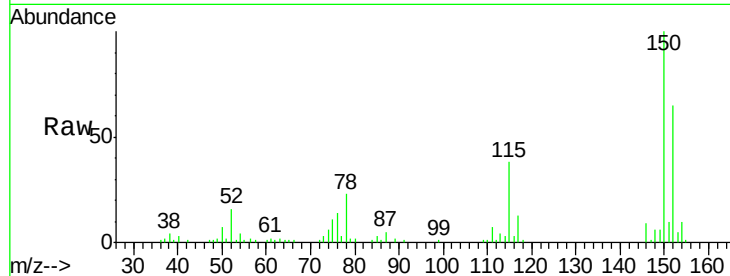


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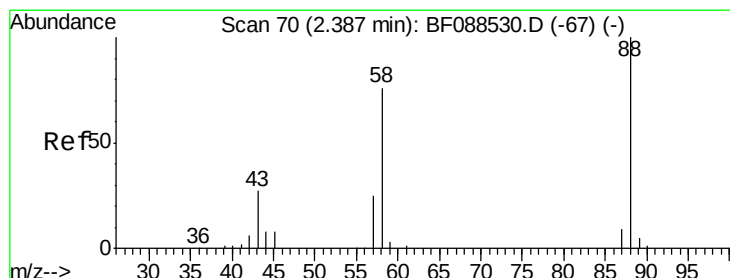
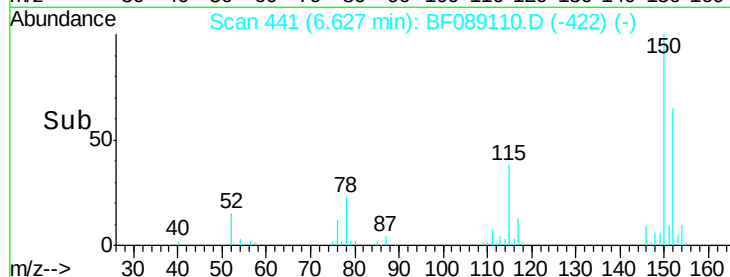
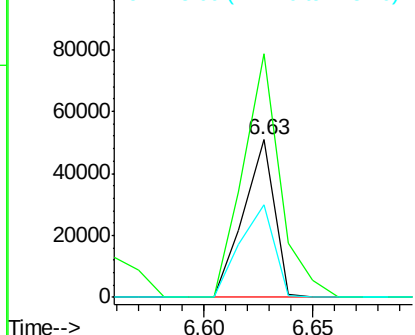
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.63 min Scan# 441
Delta R.T. -0.08 min
Lab File: BF089110.D
Acq: 19 Jul 2016 11:16

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 50423
Ion Ratio Lower Upper
152 100
150 154.7 123.8 185.6
115 59.1 39.6 59.4



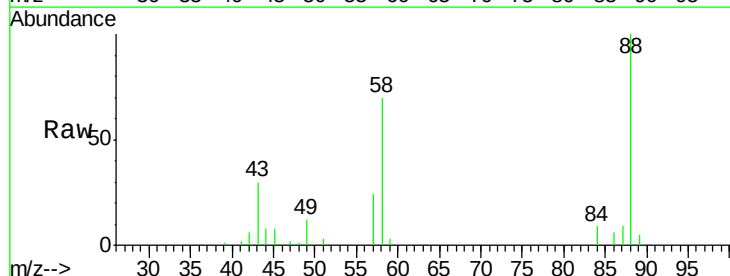
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



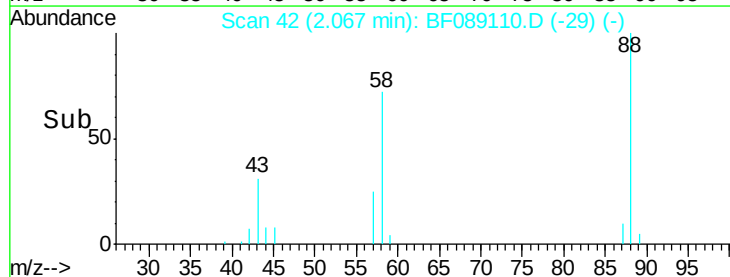
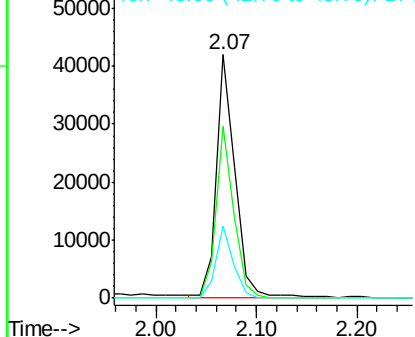
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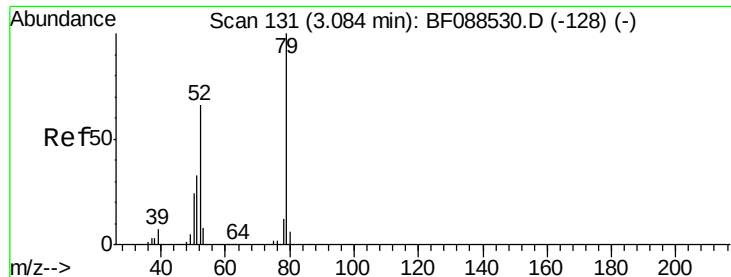
1,4-Dioxane
Concen: 32.75 ng
RT: 2.07 min Scan# 42
Delta R.T. -0.15 min
Lab File: BF089110.D
Acq: 19 Jul 2016 11:16

Tgt Ion: 88 Resp: 54621
Ion Ratio Lower Upper
88 100
58 65.6 0.0 0.0#
43 27.4 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: 32.85 ng

RT: 2.70 min Scan# 97

Delta R.T. -0.18 min

Lab File: BF089110.D

Acq: 19 Jul 2016 11:16

Instrument :

BNA_F

ClientSampleId :

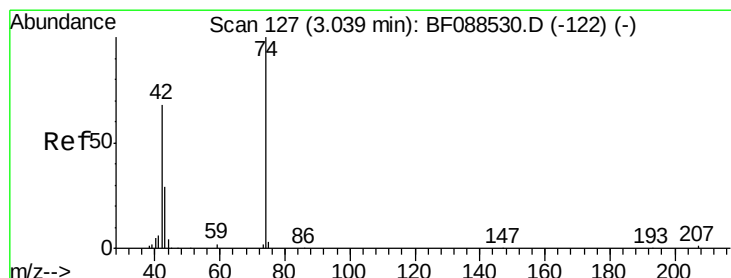
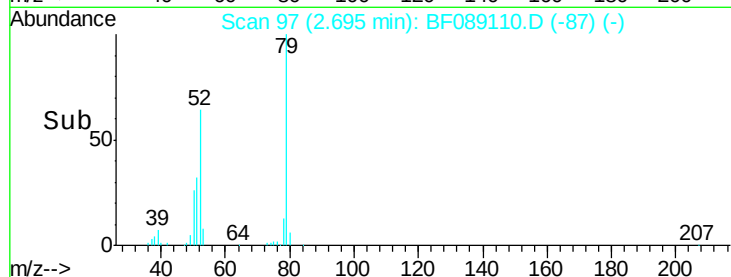
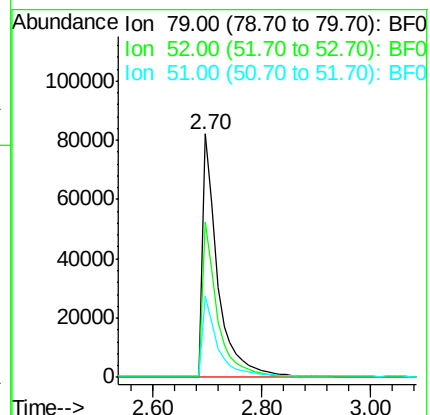
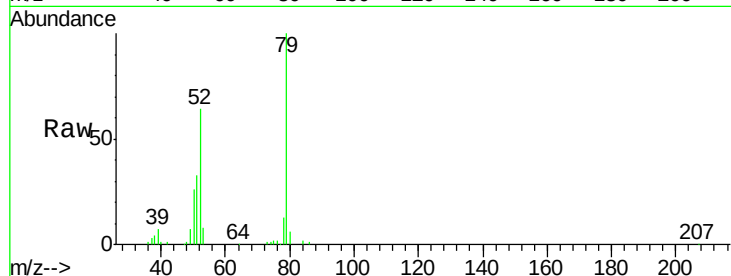
Tot Ion: 79 Resp: 158997

Ion Ratio Lower Upper

79 100

52 63.5 56.3 84.5

51 33.0 27.4 41.2



#4

n-Nitrosodimethylamine

Concen: 34.50 ng

RT: 2.66 min Scan# 94

Delta R.T. -0.17 min

Lab File: BF089110.D

Acq: 19 Jul 2016 11:16

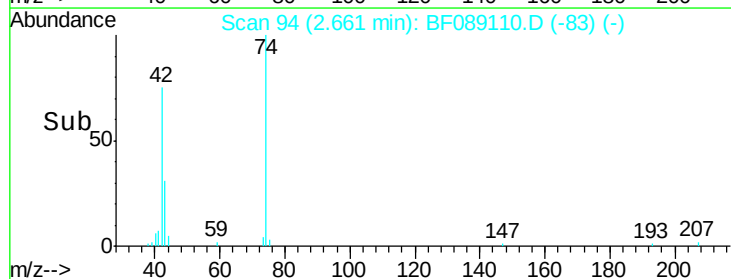
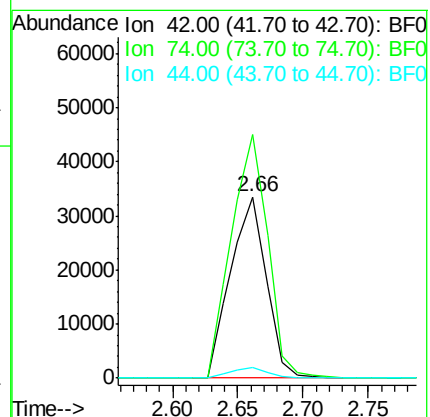
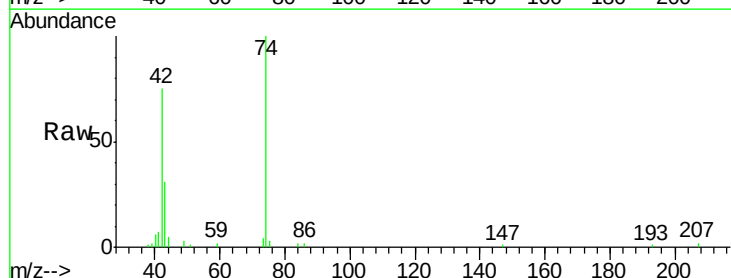
Tgt Ion: 42 Resp: 63786

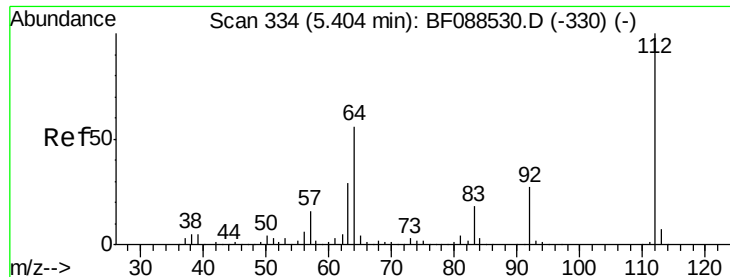
Ion Ratio Lower Upper

42 100

74 134.2 108.6 163.0

44 6.1 5.5 8.3





#5

2-Fluorophenol

Concen: 78.29 ng

RT: 5.21 min Scan# 317

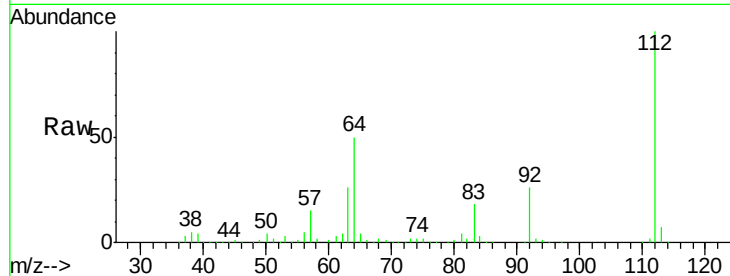
Delta R.T. -0.08 min

Lab File: BF089110.D

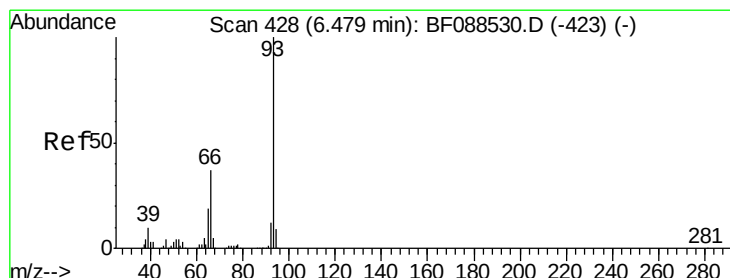
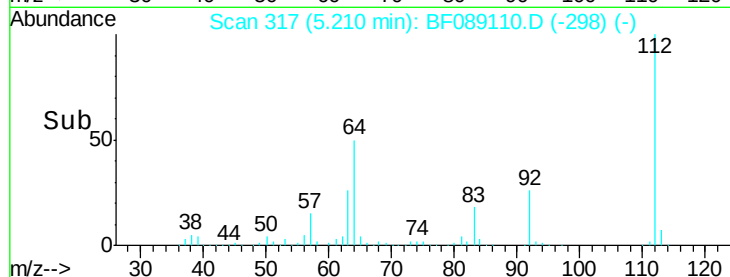
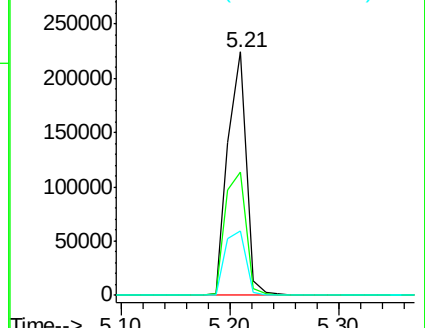
Acq: 19 Jul 2016 11:16

Instrument :
BNA_F
ClientSampled :

Tot Ion:	112	Resp:	263391
Ion	Ratio	Lower	Upper
112	100		
64	50.5	42.2	63.2
63	26.3	21.8	32.8



Abundance Ion 112.00 (111.70 to 112.70): E



#6

Aniline

Concen: 34.15 ng

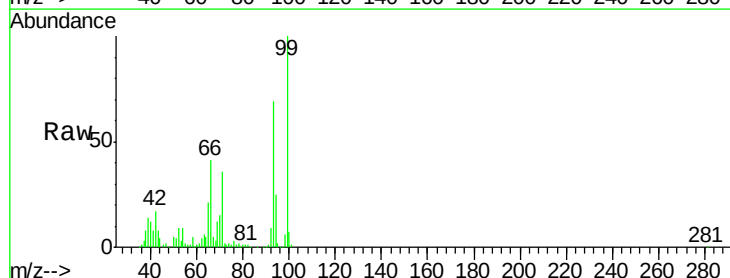
RT: 6.28 min Scan# 411

Delta R.T. -0.09 min

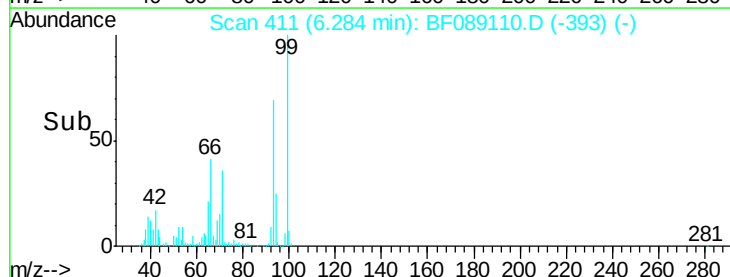
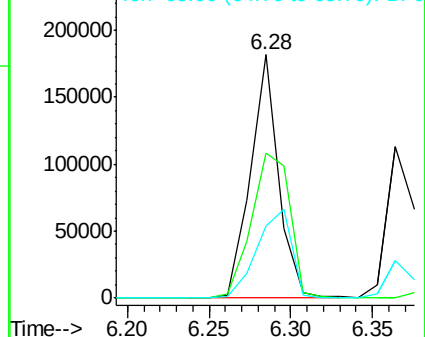
Lab File: BF089110.D

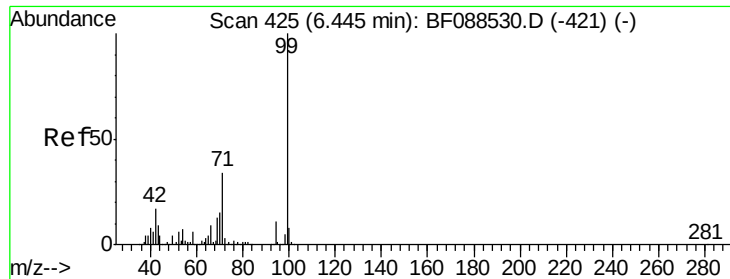
Acq: 19 Jul 2016 11:16

Tgt Ion:	93	Resp:	216361
Ion	Ratio	Lower	Upper
93	100		
66	59.5	29.8	44.8#
65	29.7	14.9	22.3#



Abundance Ion 93.00 (92.70 to 93.70): BF0





#7

Phenol-d6

Concen: 76.63 ng

RT: 6.28 min Scan# 411

Delta R.T. -0.07 min

Lab File: BF089110.D

Acq: 19 Jul 2016 11:16

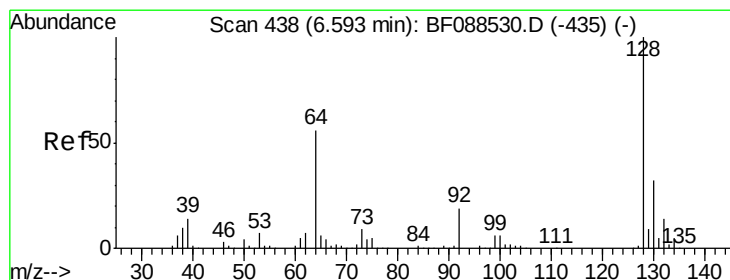
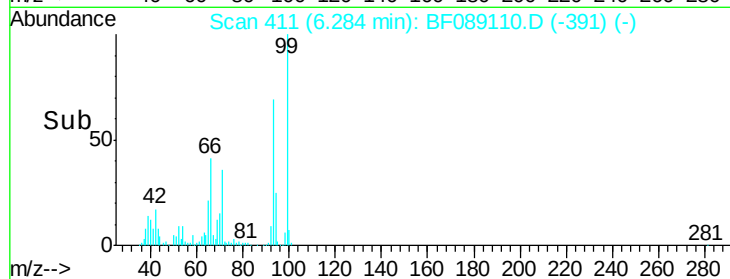
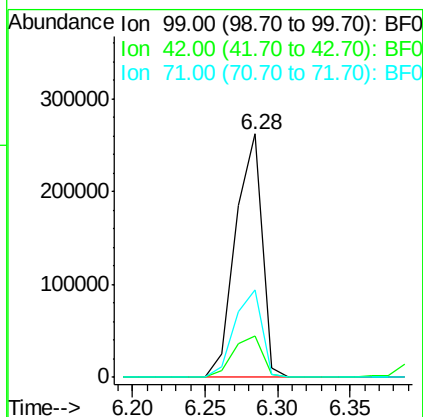
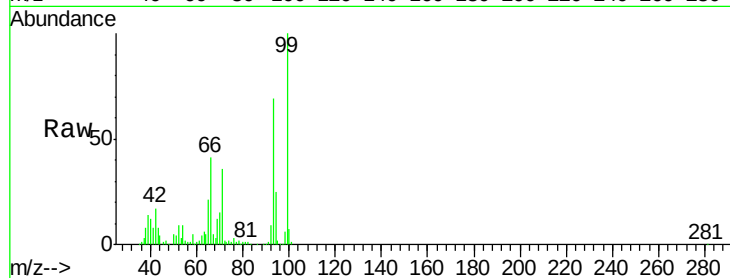
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 333143

Ion	Ratio	Lower	Upper
99	100		
42	17.1	12.2	18.2
71	36.0	23.4	35.0#



#8

2-Chlorophenol

Concen: 40.30 ng

RT: 6.41 min Scan# 422

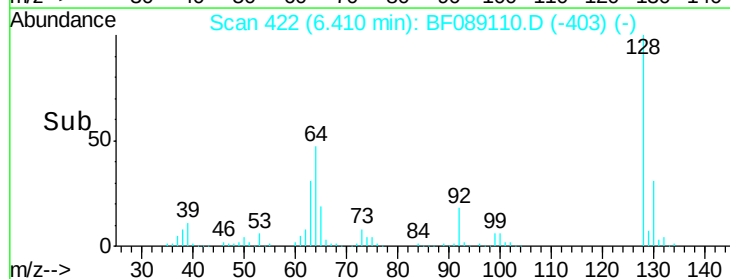
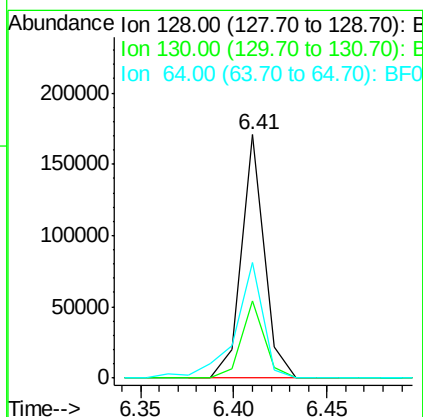
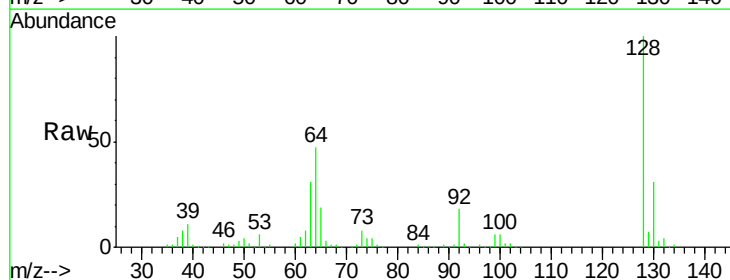
Delta R.T. -0.08 min

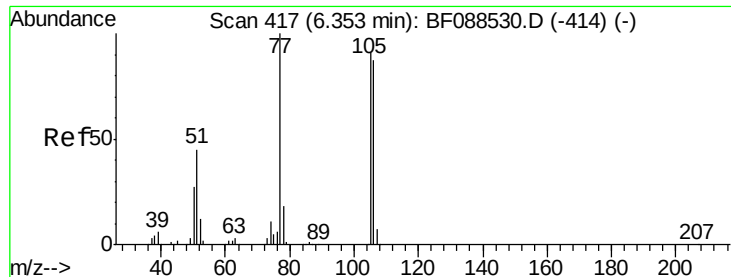
Lab File: BF089110.D

Acq: 19 Jul 2016 11:16

Tgt Ion: 128 Resp: 145719

Ion	Ratio	Lower	Upper
128	100		
130	31.5	12.0	52.0
64	47.3	30.8	70.8





#9

Benzaldehyde

Concen: 32.73 ng

RT: 6.16 min Scan# 400

Delta R.T. -0.09 min

Lab File: BF089110.D

Acq: 19 Jul 2016 11:16

Instrument :

BNA_F

ClientSampled :

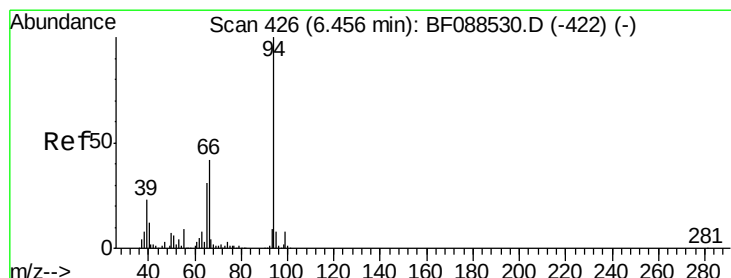
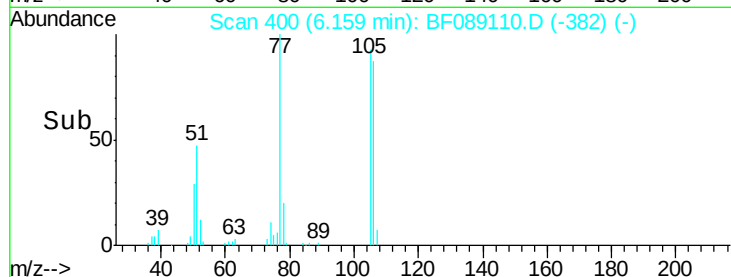
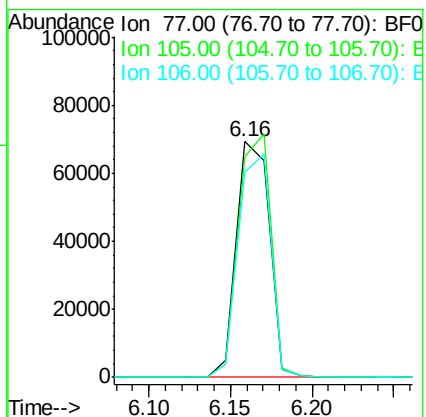
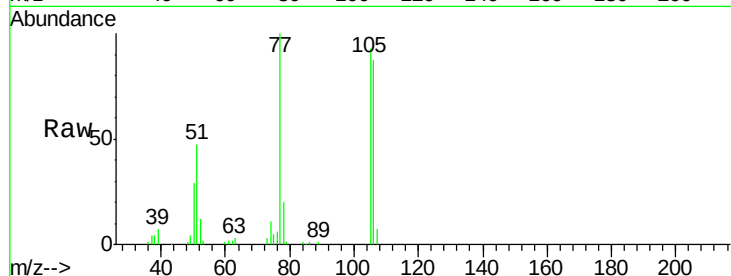
Tot Ion: 77 Resp: 96394

Ion Ratio Lower Upper

77 100

105 93.5 90.6 130.6

106 87.2 85.3 125.3



#10

Phenol

Concen: 40.02 ng

RT: 6.30 min Scan# 412

Delta R.T. -0.07 min

Lab File: BF089110.D

Acq: 19 Jul 2016 11:16

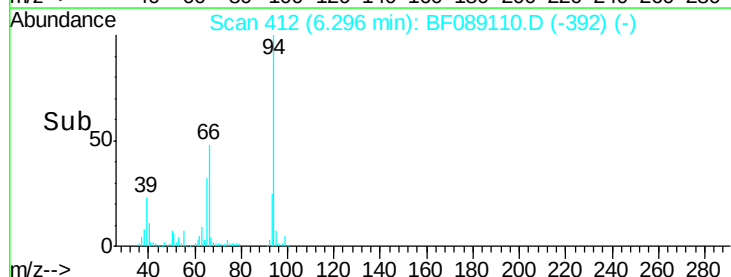
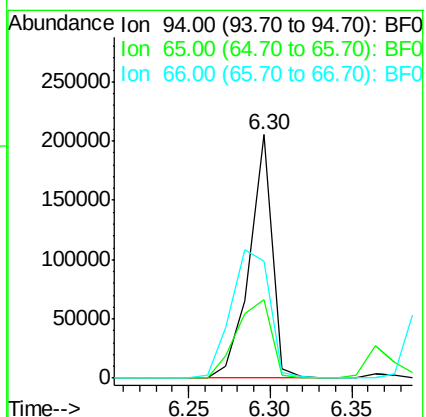
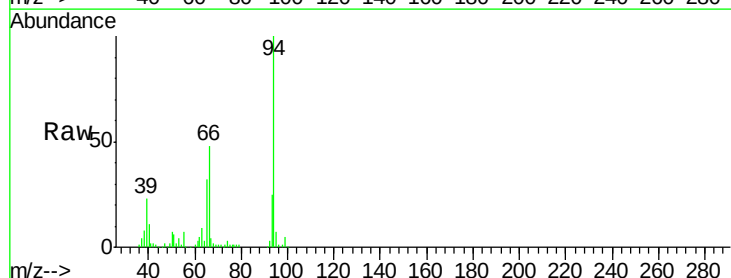
Tgt Ion: 94 Resp: 198571

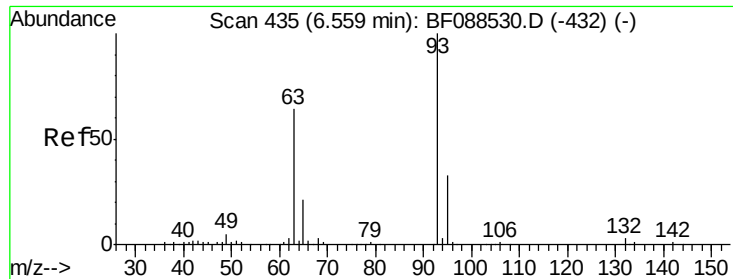
Ion Ratio Lower Upper

94 100

65 32.5 5.9 45.9

66 48.0 14.0 54.0





#11

bis(2-Chloroethyl)ether

Concen: 34.67 ng

RT: 6.36 min Scan# 418

Delta R.T. -0.09 min

Lab File: BF089110.D

Acq: 19 Jul 2016 11:16

Instrument :

BNA_F

ClientSampleId :

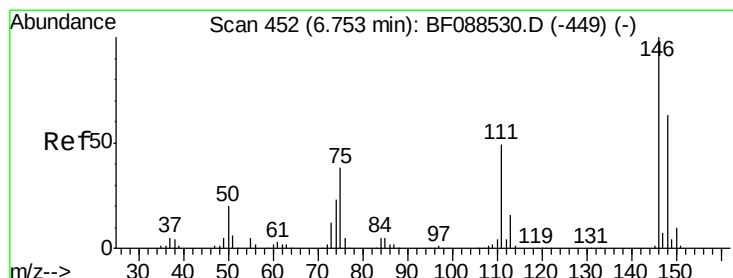
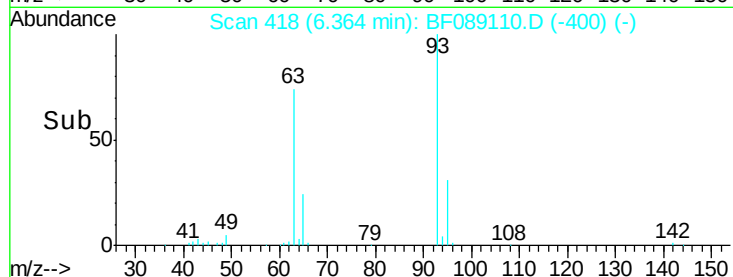
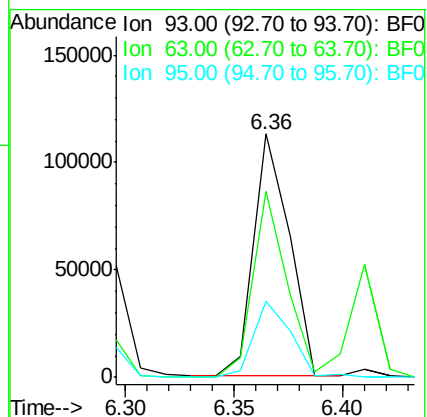
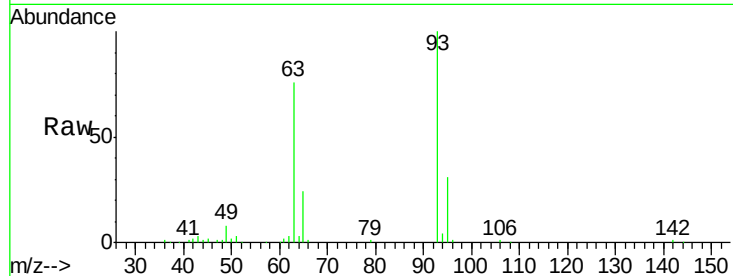
Tot Ion: 93 Resp: 128276

Ion Ratio Lower Upper

93 100

63 76.4 67.6 107.6

95 31.0 12.5 52.5



#12

1,3-Dichlorobenzene

Concen: 40.54 ng

RT: 6.80 min Scan# 456

Delta R.T. 0.15 min

Lab File: BF089110.D

Acq: 19 Jul 2016 11:16

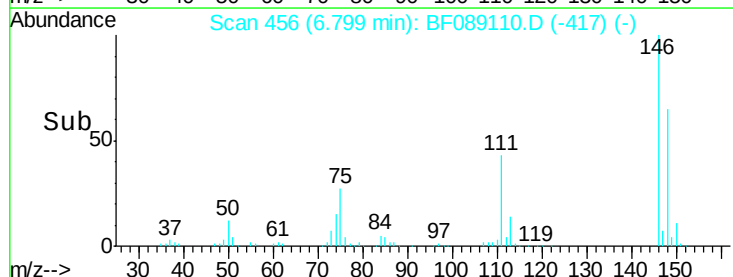
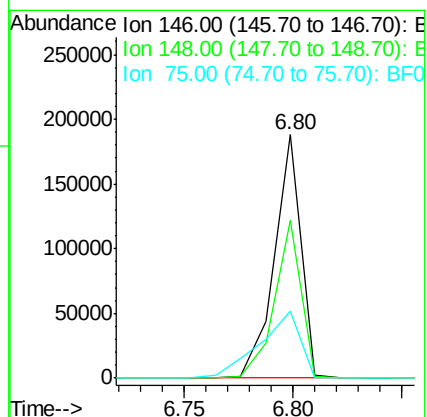
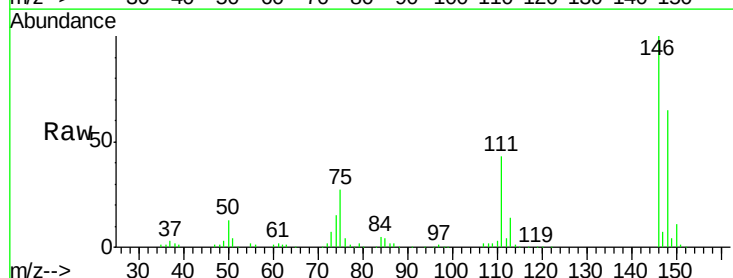
Tgt Ion: 146 Resp: 161297

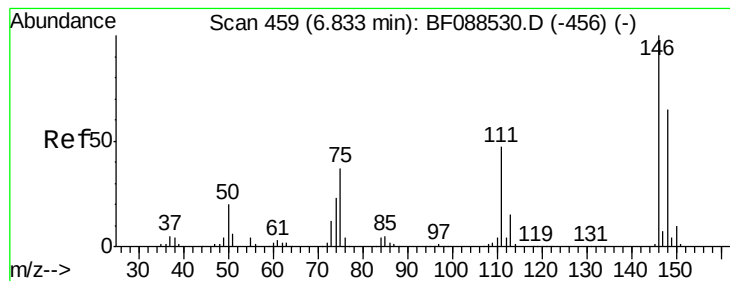
Ion Ratio Lower Upper

146 100

148 64.6 50.9 76.3

75 27.4 25.6 38.4





#13

1,4-Dichlorobenzene

Concen: 38.06 ng

RT: 6.64 min Scan# 442

Delta R.T. -0.09 min

Lab File: BF089110.D

Acq: 19 Jul 2016 11:16

Instrument :

BNA_F

ClientSampleId :

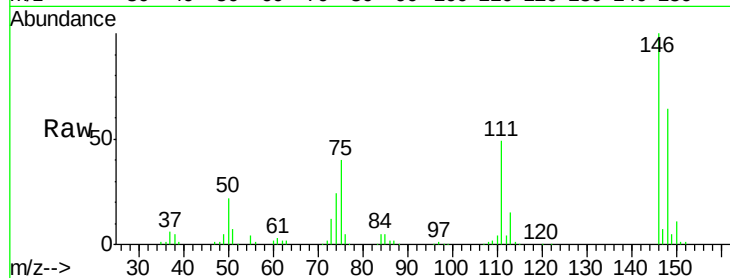
Tot Ion:146 Resp: 150305

Ion Ratio Lower Upper

146 100

148 64.4 52.0 78.0

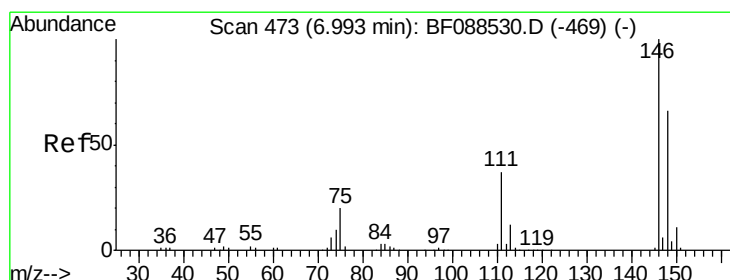
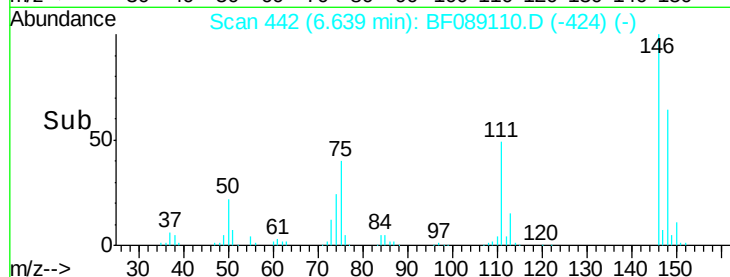
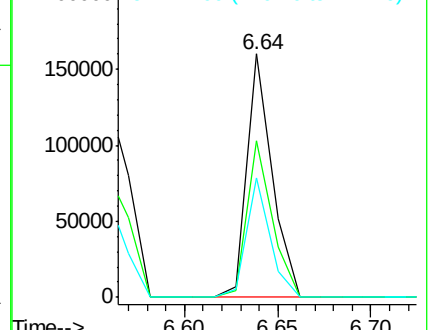
111 49.0 33.8 50.8



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: 43.63 ng

RT: 6.80 min Scan# 456

Delta R.T. -0.08 min

Lab File: BF089110.D

Acq: 19 Jul 2016 11:16

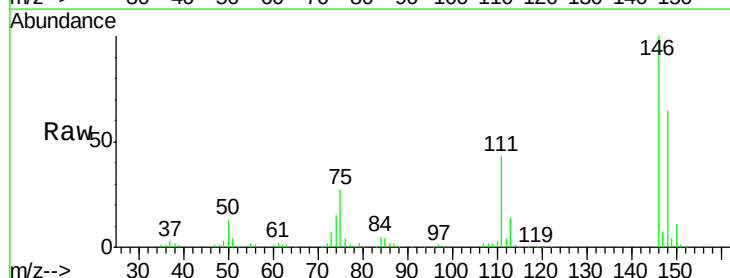
Tgt Ion:146 Resp: 161303

Ion Ratio Lower Upper

146 100

148 64.6 52.3 78.5

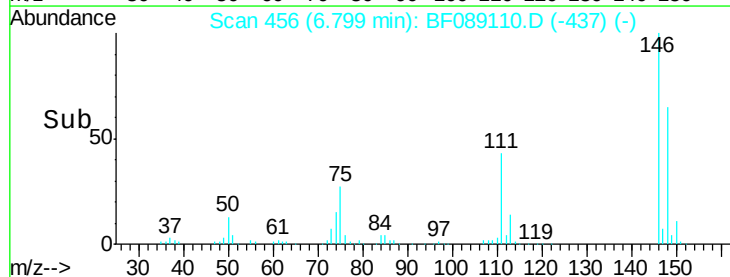
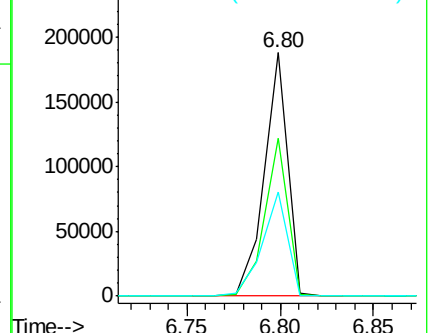
111 43.0 28.7 43.1

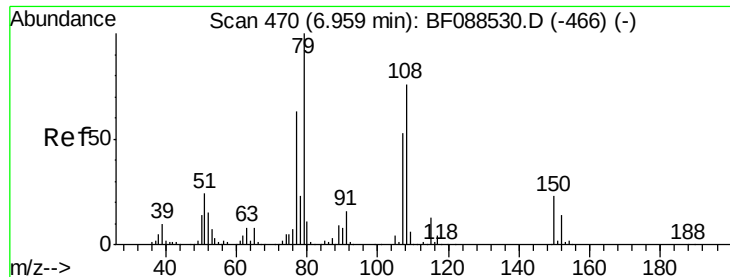


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 36.32 ng

RT: 6.78 min Scan# 454

Delta R.T. -0.08 min

Lab File: BF089110.D

Acq: 19 Jul 2016 11:16

Instrument :

BNA_F

ClientSampled :

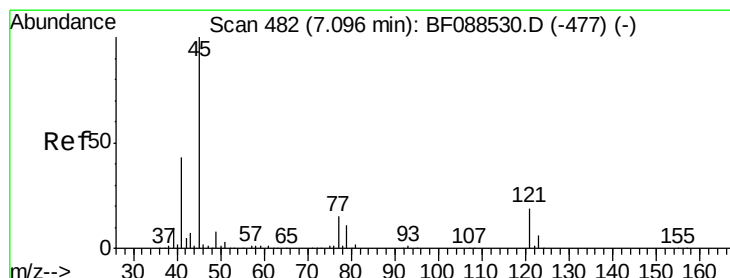
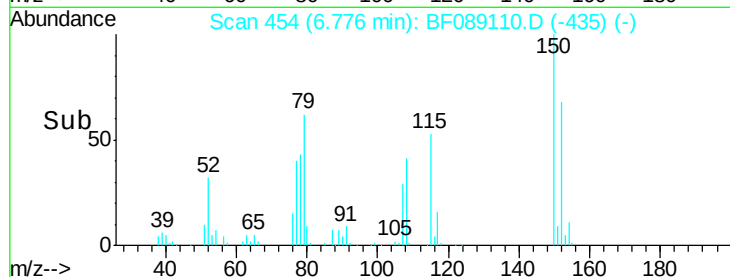
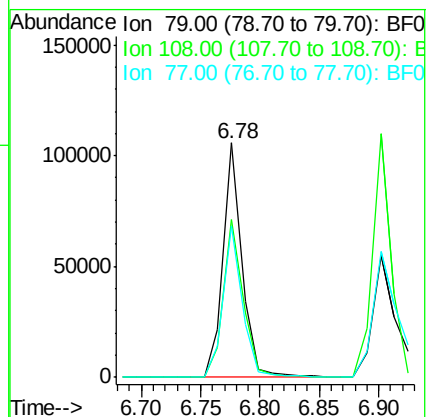
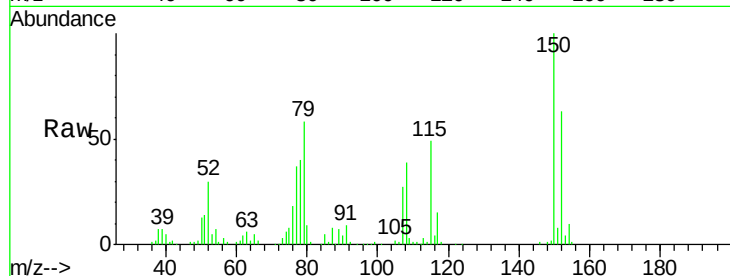
Tot Ion: 79 Resp: 116191

Ion Ratio Lower Upper

79 100

108 67.2 65.0 97.6

77 64.5 50.3 75.5



#16

2,2'-oxybis(1-Chloropropane)

Concen: 30.72 ng

RT: 6.91 min Scan# 466

Delta R.T. -0.08 min

Lab File: BF089110.D

Acq: 19 Jul 2016 11:16

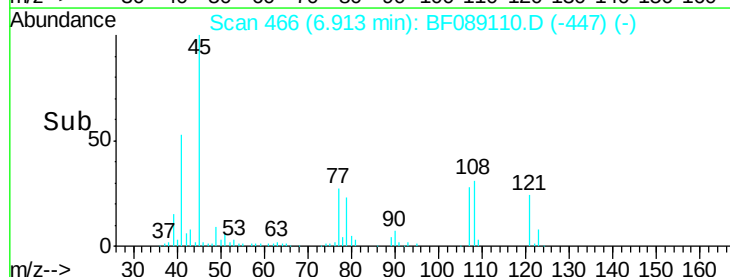
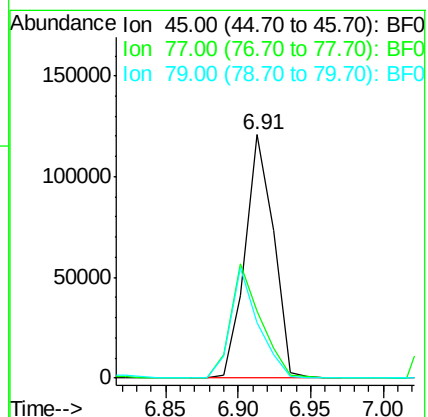
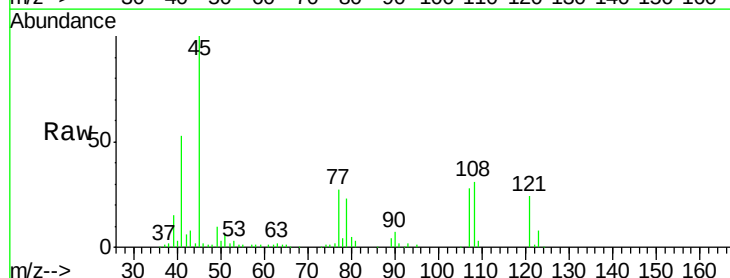
Tgt Ion: 45 Resp: 164579

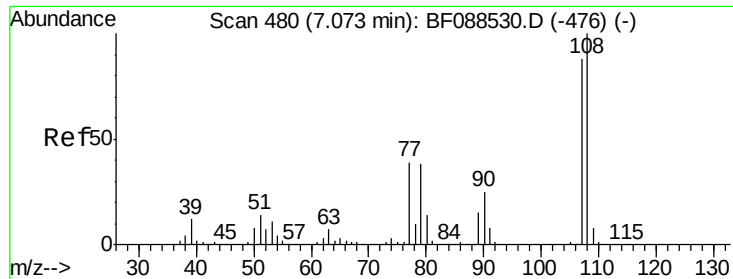
Ion Ratio Lower Upper

45 100

77 27.3 0.0 32.5

79 22.6 0.0 29.5





#17

2-Methylphenol

Concen: 36.49 ng

RT: 6.90 min Scan# 465

Delta R.T. -0.08 min

Lab File: BF089110.D

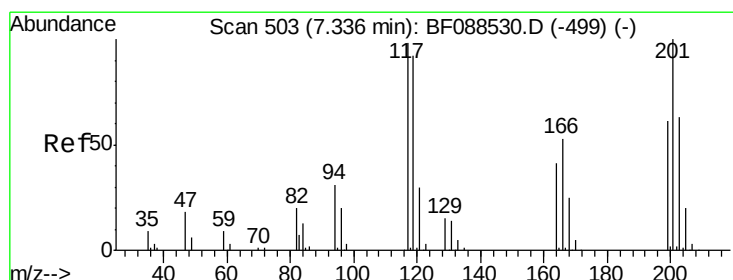
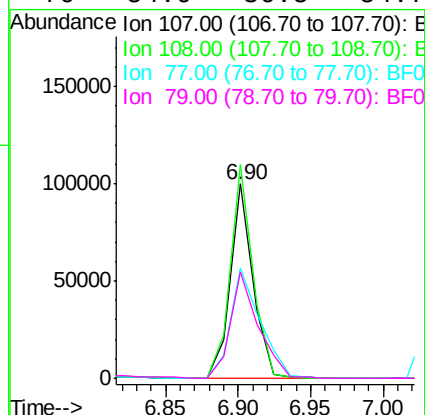
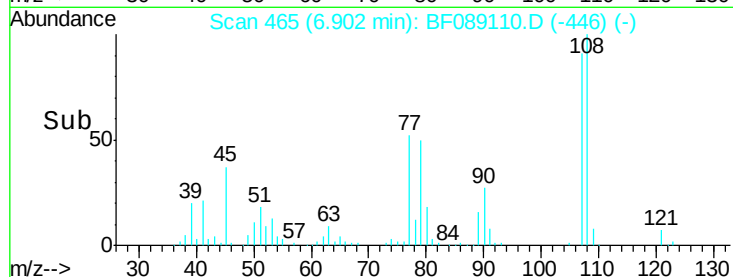
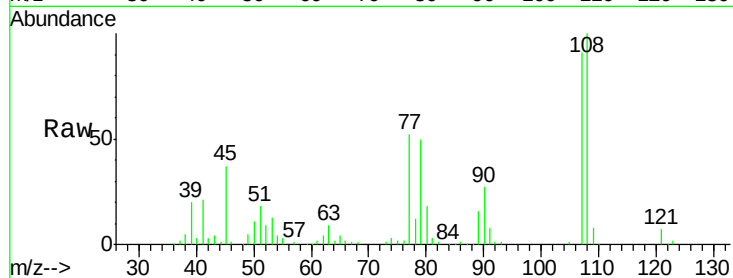
Acq: 19 Jul 2016 11:16

Instrument :

BNA_F

ClientSampleId :

Tot Ion:	107	Resp:	107643
Ion	Ratio	Lower	Upper
107	100		
108	109.8	90.9	136.3
77	56.6	36.6	55.0#
79	54.9	36.5	54.7#



#18

Hexachloroethane

Concen: 38.23 ng

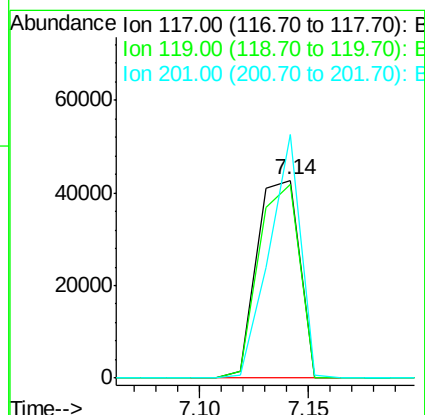
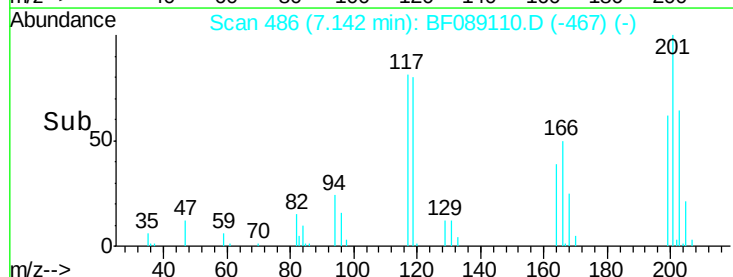
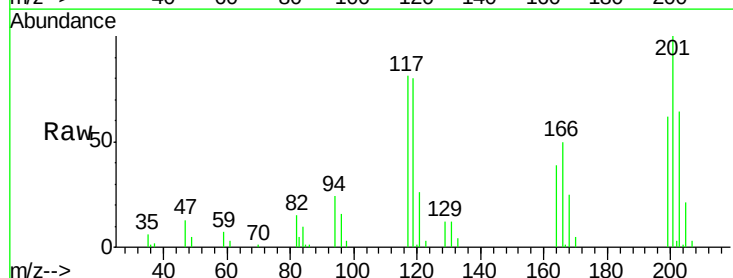
RT: 7.14 min Scan# 486

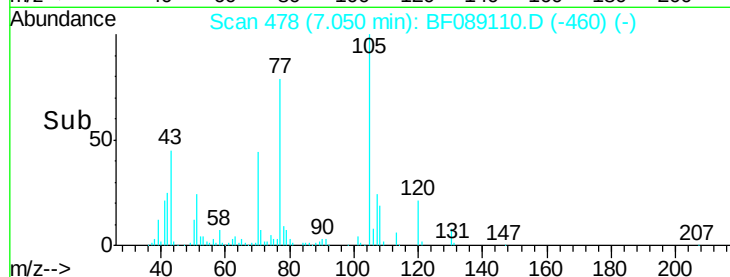
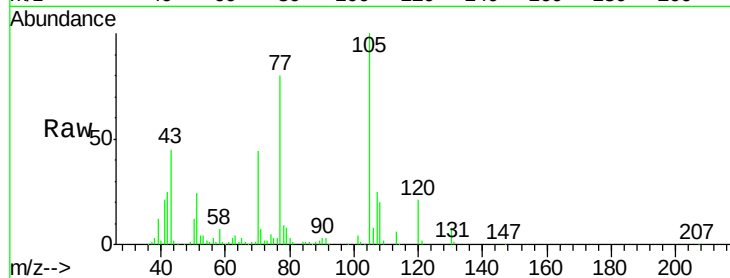
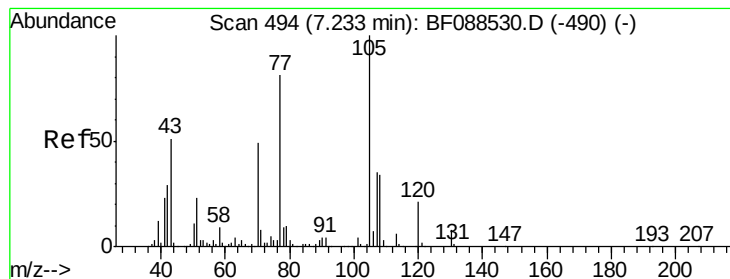
Delta R.T. -0.08 min

Lab File: BF089110.D

Acq: 19 Jul 2016 11:16

Tgt Ion:	117	Resp:	58406
Ion	Ratio	Lower	Upper
117	100		
119	98.1	77.4	116.2
201	123.0	80.4	120.6#





#19

n-Nitroso-di-n-propylamine

Concen: 36.57 ng

RT: 7.05 min Scan# 478

Delta R.T. -0.09 min

Lab File: BF089110.D

Acq: 19 Jul 2016 11:16

Instrument :

BNA_F

ClientSampled :

Tot Ion: 70 Resp: 106795

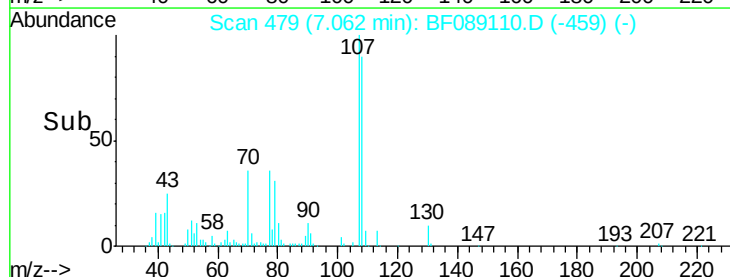
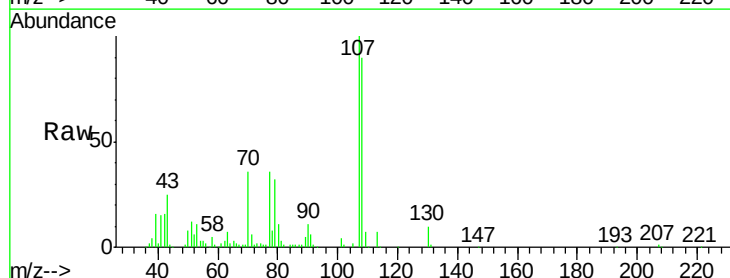
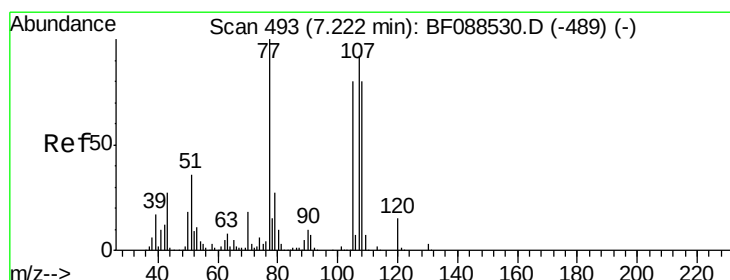
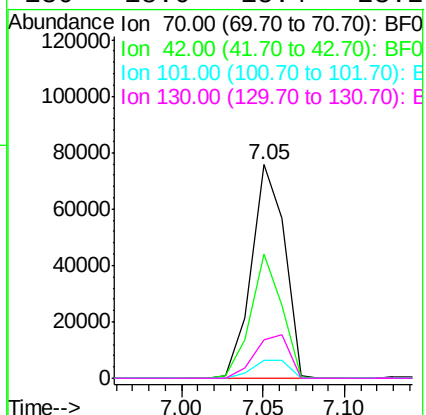
Ion Ratio Lower Upper

70 100

42 58.3 49.6 74.4

101 8.7 7.1 10.7

130 18.0 15.4 23.2



#20

3+4-Methylphenols

Concen: 42.47 ng

RT: 7.06 min Scan# 479

Delta R.T. -0.07 min

Lab File: BF089110.D

Acq: 19 Jul 2016 11:16

Tgt Ion:107 Resp: 150353

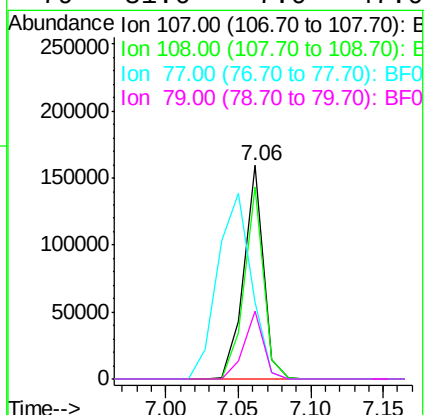
Ion Ratio Lower Upper

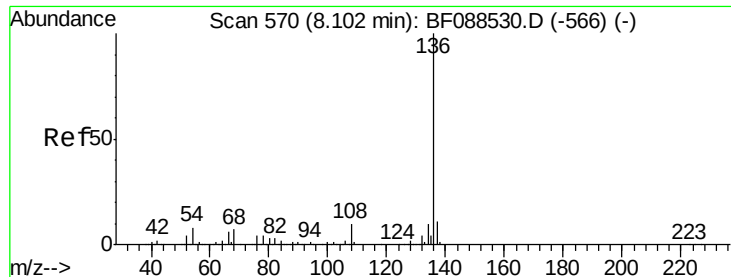
107 100

108 89.6 67.8 107.8

77 36.2 59.3 99.3#

79 31.6 7.0 47.0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.91 min Scan# 553

Delta R.T. -0.09 min

Lab File: BF089110.D

Acq: 19 Jul 2016 11:16

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 199403

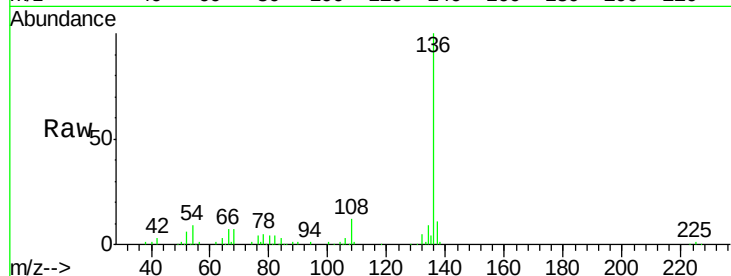
Ion Ratio Lower Upper

136 100

137 11.1 9.1 13.7

54 9.3 6.6 10.0

68 7.0 5.1 7.7

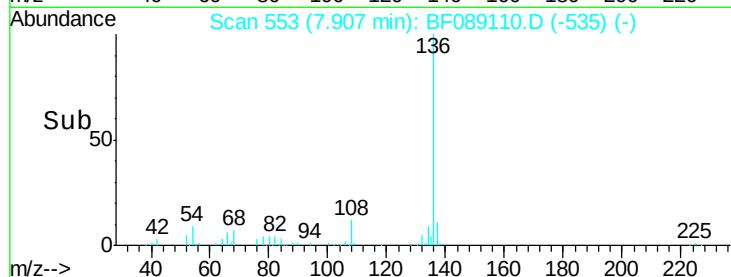


Abundance Ion 136.00 (135.70 to 136.70): E

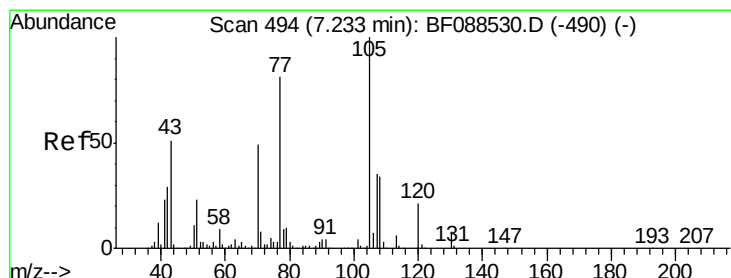
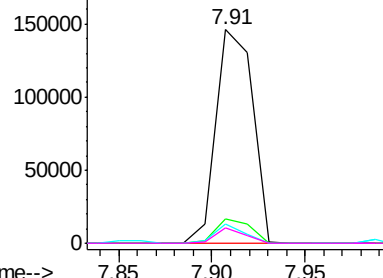
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->



#22

Acetophenone

Concen: 46.52 ng

RT: 7.05 min Scan# 478

Delta R.T. -0.08 min

Lab File: BF089110.D

Acq: 19 Jul 2016 11:16

Tgt Ion:105 Resp: 225161

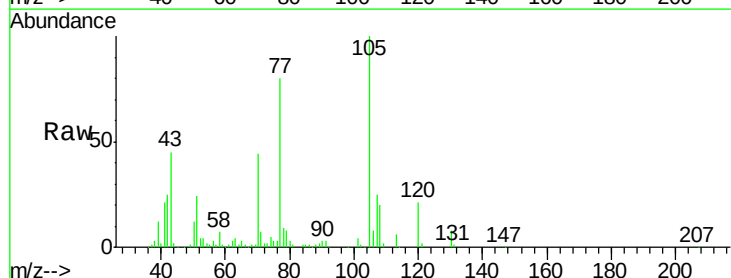
Ion Ratio Lower Upper

105 100

71 7.2 5.3 7.9

51 23.9 18.2 27.4

120 20.6 18.0 27.0

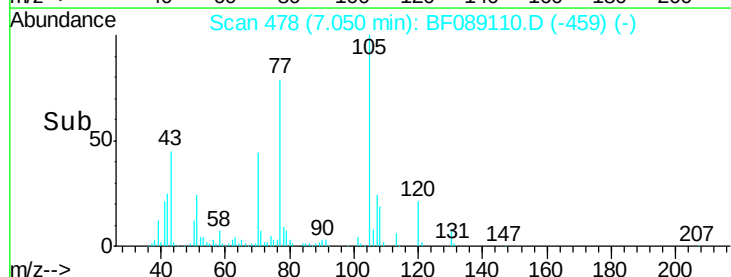


Abundance Ion 105.00 (104.70 to 105.70): E

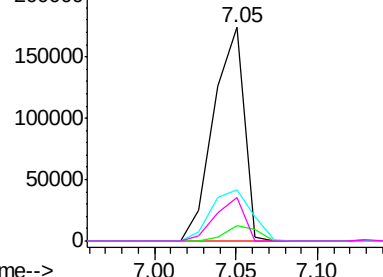
Ion 71.00 (70.70 to 71.70): BF0

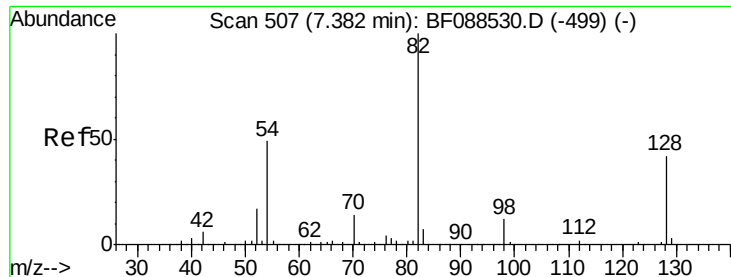
Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



Time-->

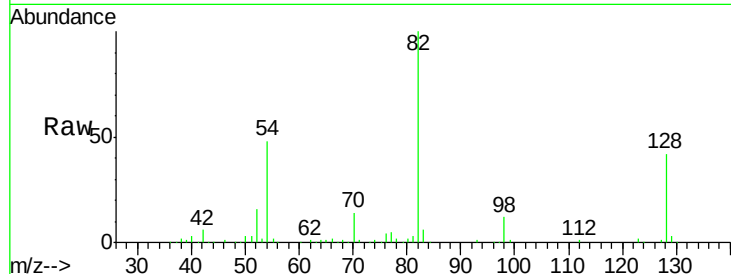




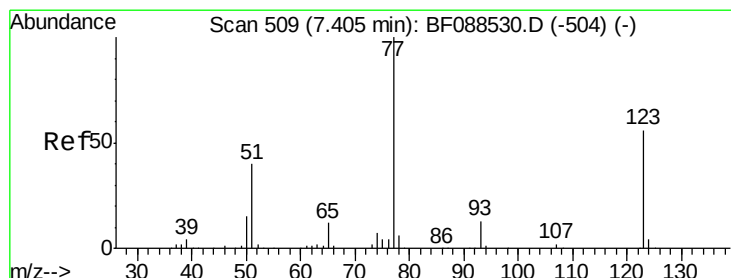
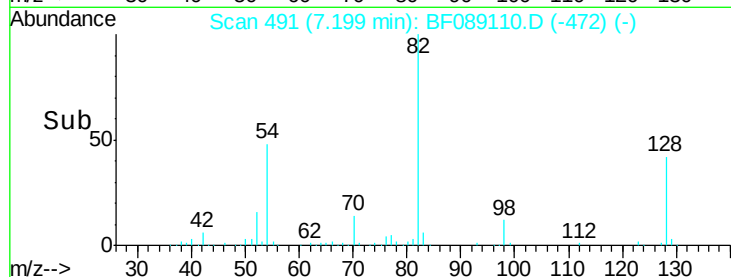
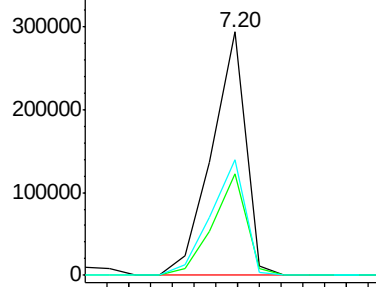
#23
Nitrobenzene-d5
Concen: 83.74 ng
RT: 7.20 min Scan# 491
Delta R.T. -0.08 min
Lab File: BF089110.D
Acq: 19 Jul 2016 11:16

Instrument :
BNA_F
ClientSampleId :

Tot Ion	82	Resp	318641
Ion Ratio	Lower	Upper	
82	100		
128	41.8	35.9	53.9
54	47.6	40.9	61.3

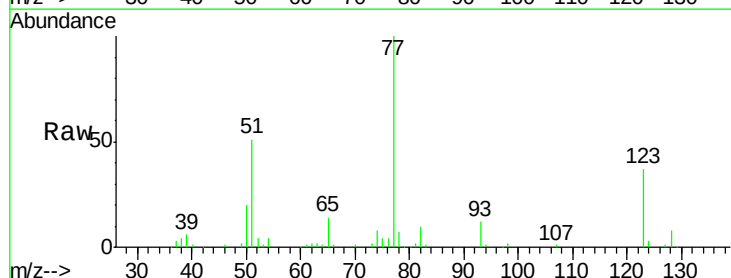


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF0

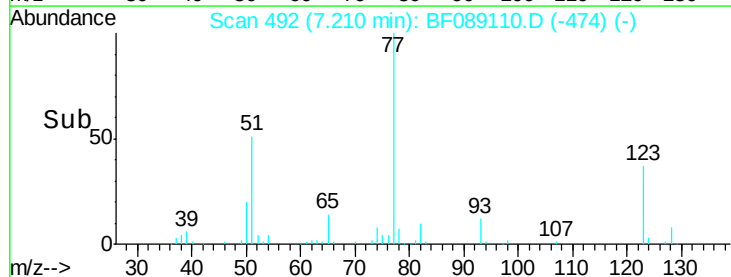
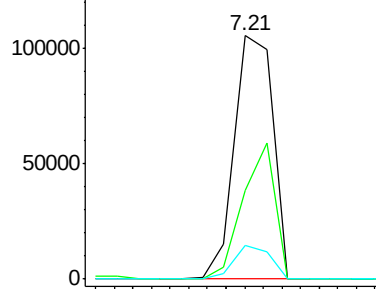


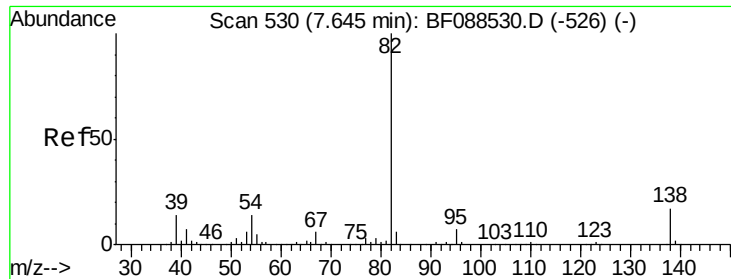
#24
Nitrobenzene
Concen: 39.44 ng
RT: 7.21 min Scan# 492
Delta R.T. -0.09 min
Lab File: BF089110.D
Acq: 19 Jul 2016 11:16

Tgt Ion	77	Resp	151315
Ion Ratio	Lower	Upper	
77	100		
123	36.7	45.0	67.4#
65	13.7	10.2	15.2



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 123.00 (122.70 to 123.70): B
Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 40.08 ng

RT: 7.46 min Scan# 514

Delta R.T. -0.08 min

Lab File: BF089110.D

Acq: 19 Jul 2016 11:16

Instrument :
BNA_F
ClientSampleId :

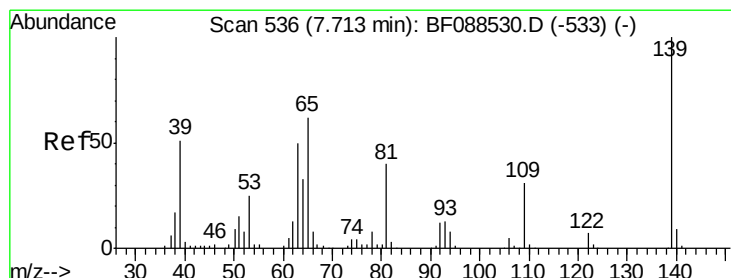
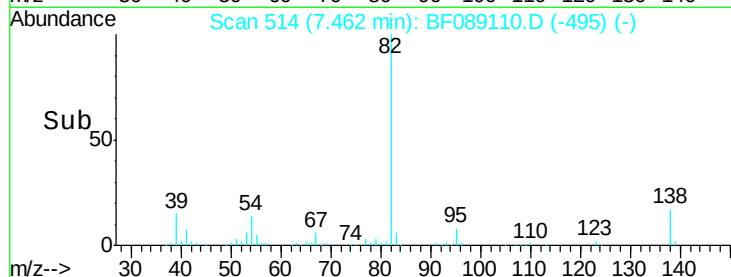
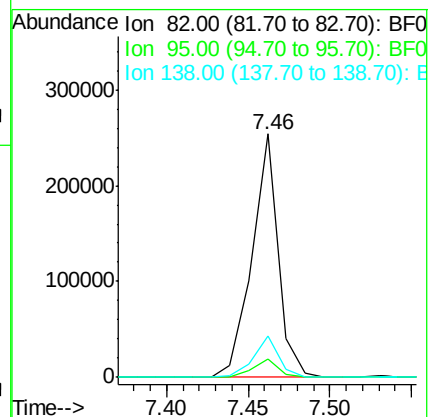
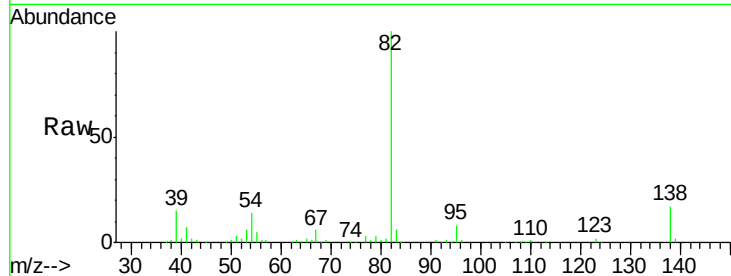
Tot Ion: 82 Resp: 282529

Ion Ratio Lower Upper

82 100

95 7.5 5.4 8.2

138 16.8 14.6 21.8



#26

2-Nitrophenol

Concen: 44.91 ng

RT: 7.53 min Scan# 520

Delta R.T. -0.08 min

Lab File: BF089110.D

Acq: 19 Jul 2016 11:16

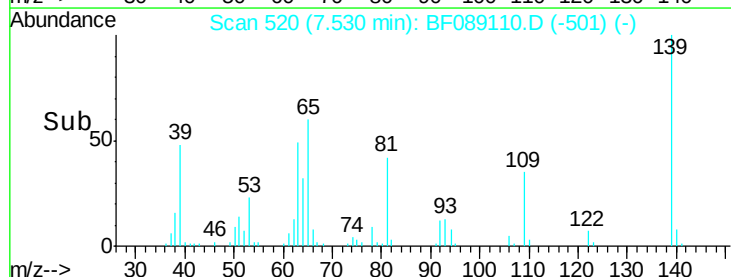
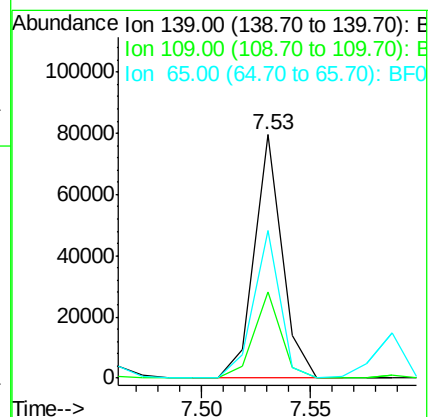
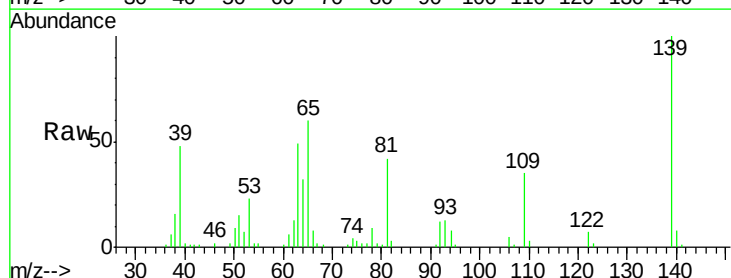
Tgt Ion: 139 Resp: 70649

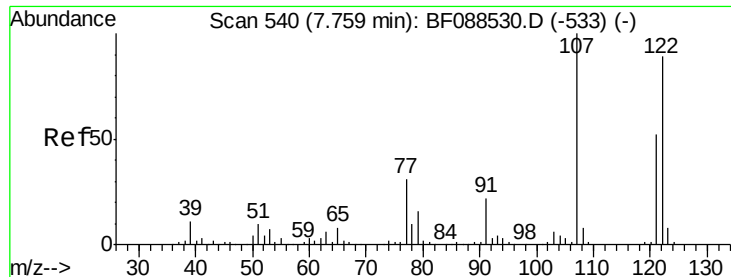
Ion Ratio Lower Upper

139 100

109 35.1 23.0 34.4#

65 60.4 45.8 68.8

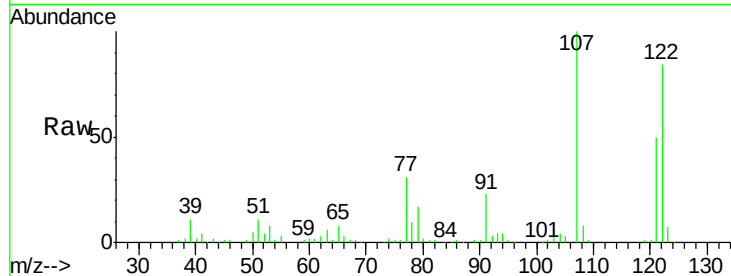




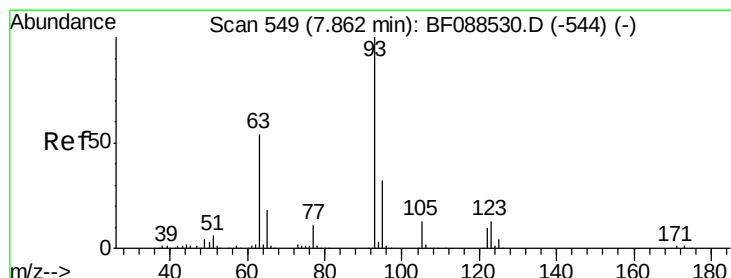
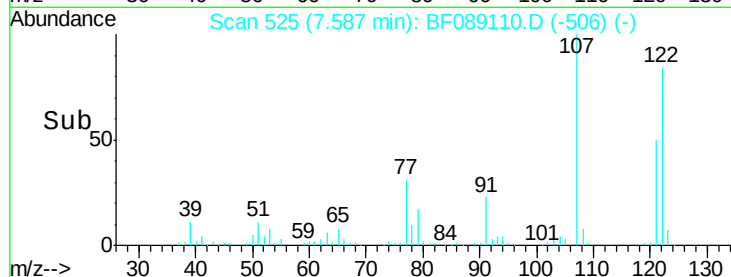
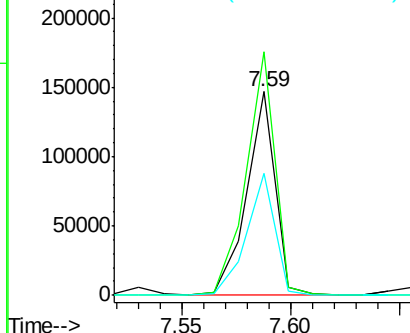
#27
 2,4-Dimethylphenol
 Concen: 40.66 ng
 RT: 7.59 min Scan# 525
 Delta R.T. -0.08 min
 Lab File: BF089110.D
 Acq: 19 Jul 2016 11:16

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:122 Resp: 133220
 Ion Ratio Lower Upper
 122 100
 107 119.7 82.4 123.6
 121 60.2 46.3 69.5

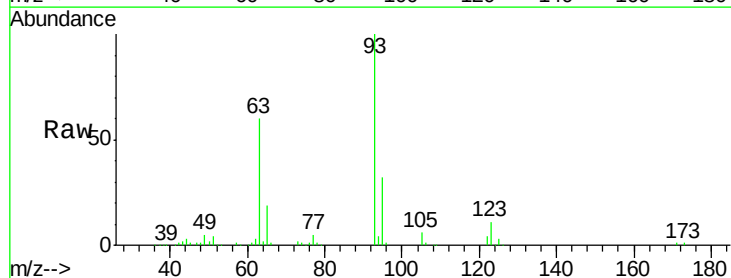


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

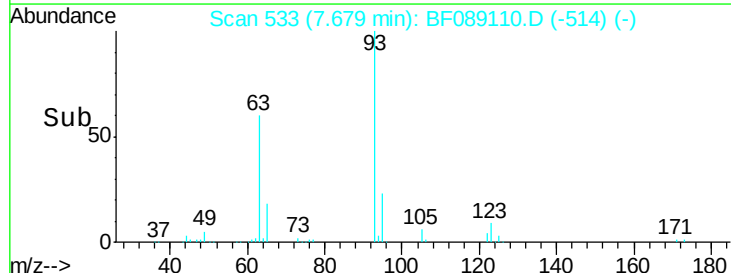
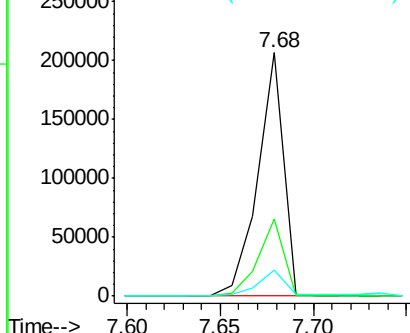


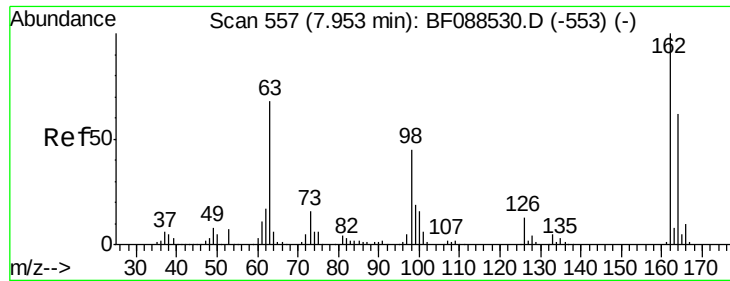
#28
 bis(2-Chloroethoxy)methane
 Concen: 42.56 ng
 RT: 7.68 min Scan# 533
 Delta R.T. -0.08 min
 Lab File: BF089110.D
 Acq: 19 Jul 2016 11:16

Tgt Ion: 93 Resp: 195208
 Ion Ratio Lower Upper
 93 100
 95 32.0 26.5 39.7
 123 10.7 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

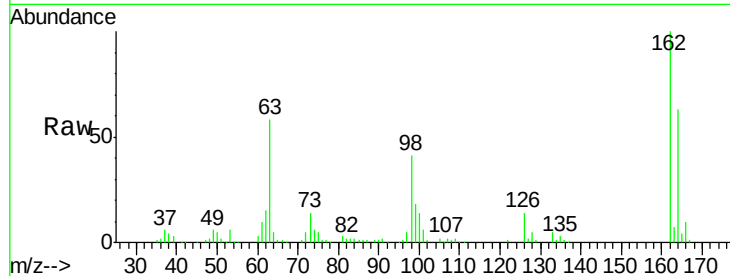




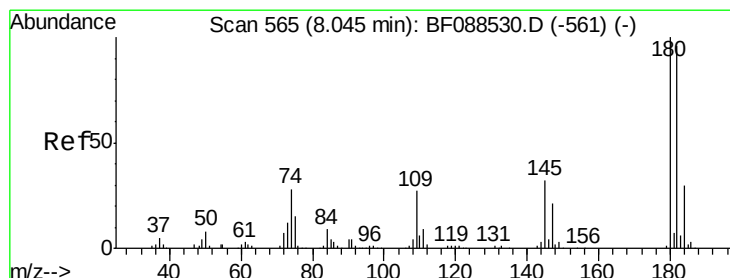
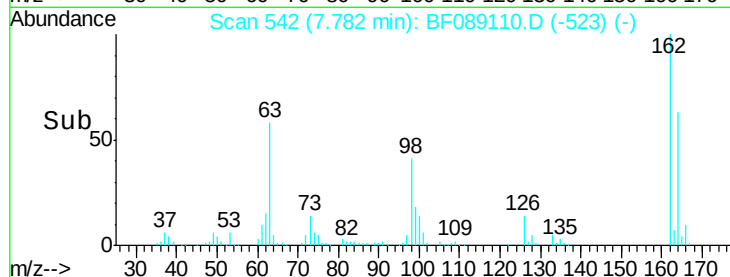
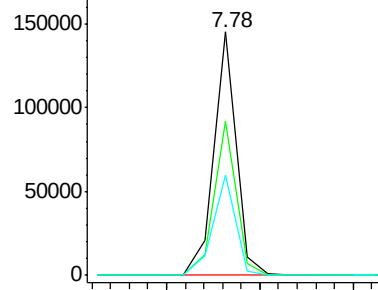
#29
 2,4-Dichlorophenol
 Concen: 45.92 ng
 RT: 7.78 min Scan# 542
 Delta R.T. -0.08 min
 Lab File: BF089110.D
 Acq: 19 Jul 2016 11:16

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.0	43.8	83.8
98	41.3	21.3	61.3

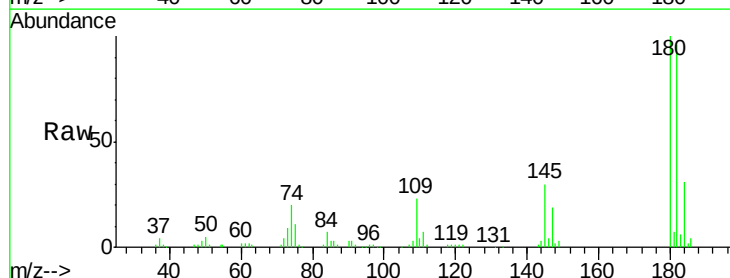


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

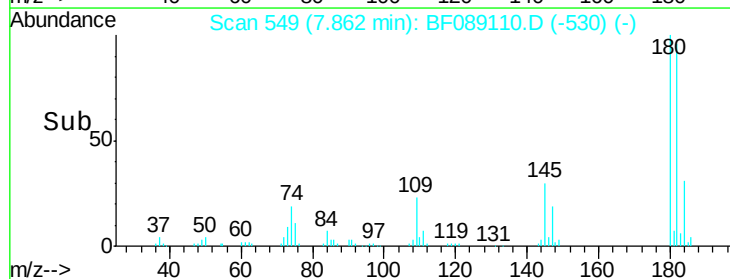
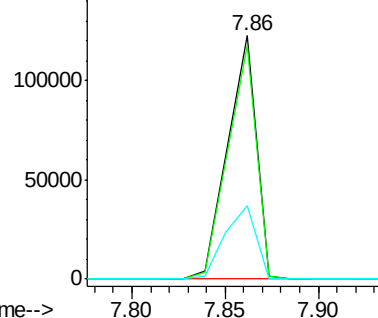


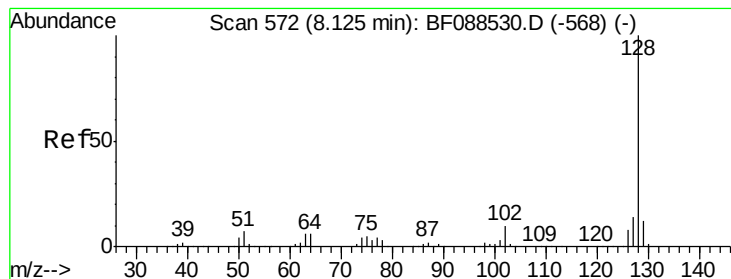
#30
 1,2,4-Trichlorobenzene
 Concen: 44.70 ng
 RT: 7.86 min Scan# 549
 Delta R.T. -0.08 min
 Lab File: BF089110.D
 Acq: 19 Jul 2016 11:16

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.7	76.0	114.0
145	30.3	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: 41.65 ng

RT: 7.93 min Scan# 555

Delta R.T. -0.09 min

Lab File: BF089110.D

Acq: 19 Jul 2016 11:16

Instrument :

BNA_F

ClientSampleId :

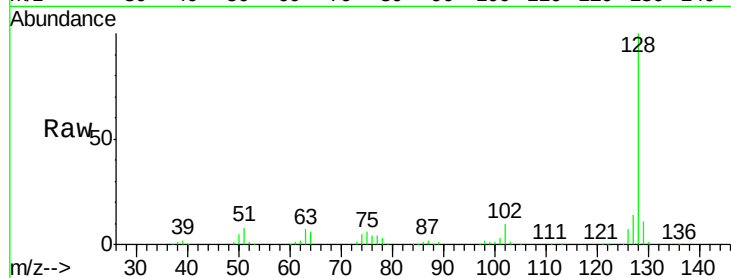
Tot Ion:128 Resp: 409474

Ion Ratio Lower Upper

128 100

129 11.5 9.4 14.2

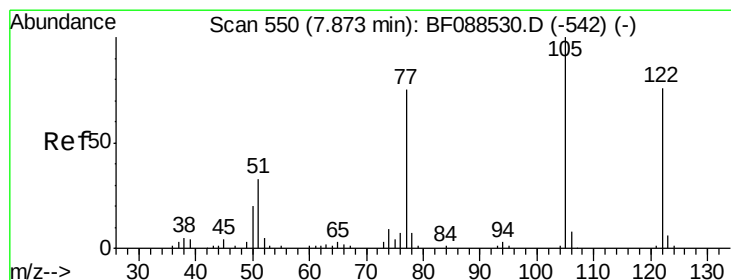
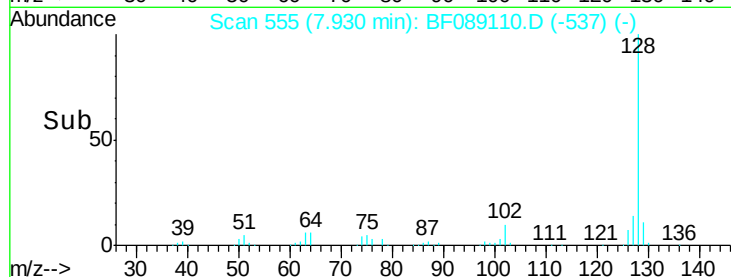
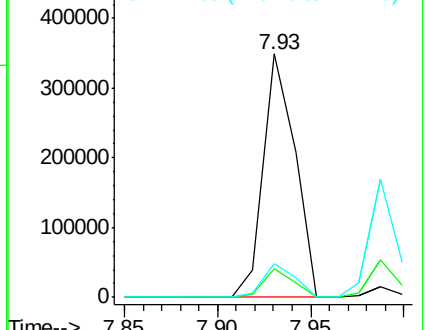
127 13.6 10.9 16.3



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 38.62 ng

RT: 7.74 min Scan# 538

Delta R.T. -0.07 min

Lab File: BF089110.D

Acq: 19 Jul 2016 11:16

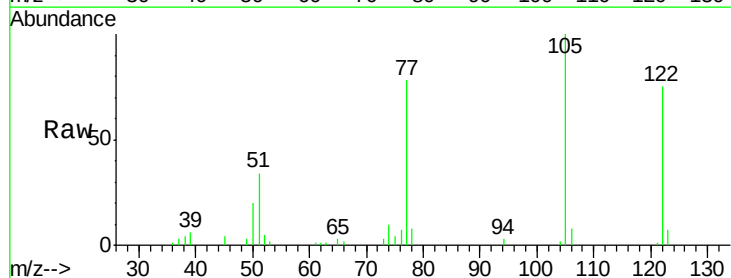
Tgt Ion:122 Resp: 91887

Ion Ratio Lower Upper

122 100

105 132.6 101.6 141.6

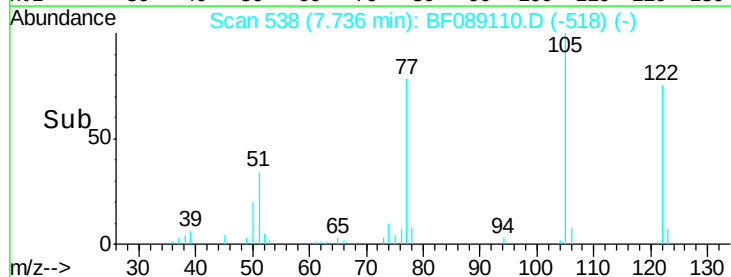
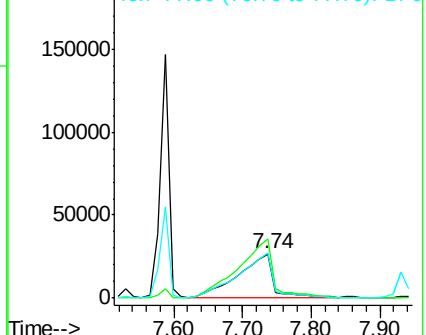
77 102.8 70.6 110.6

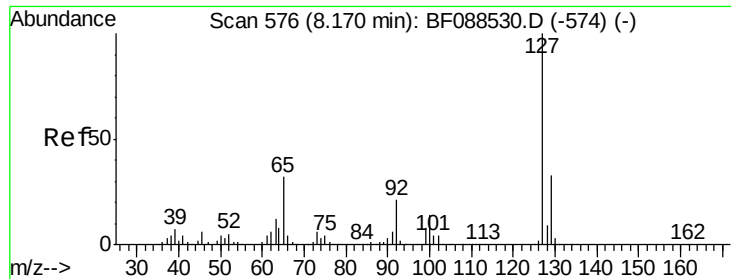


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

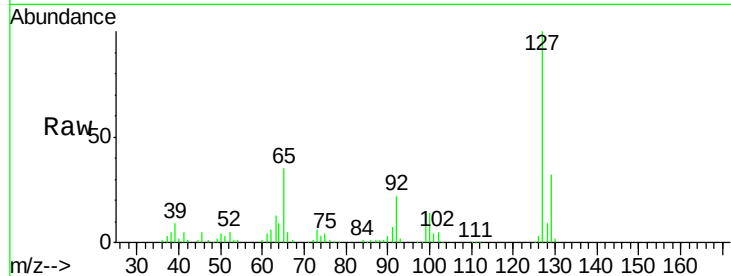




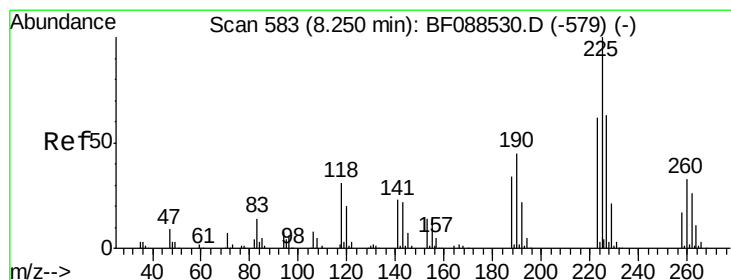
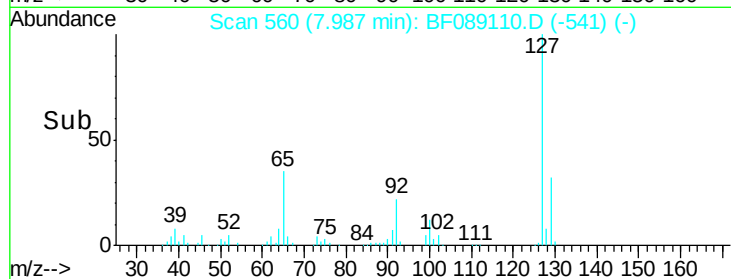
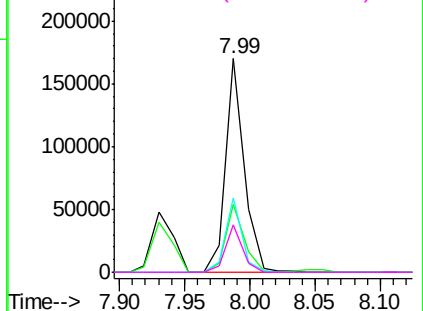
#33
4-Chloroaniline
Concen: 38.60 ng
RT: 7.99 min Scan# 560
Delta R.T. -0.08 min
Lab File: BF089110.D
Acq: 19 Jul 2016 11:16

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	168811
Ion	Ratio	Lower	Upper
127	100		
129	31.7	26.3	39.5
65	35.1	24.7	37.1
92	22.2	15.4	23.0

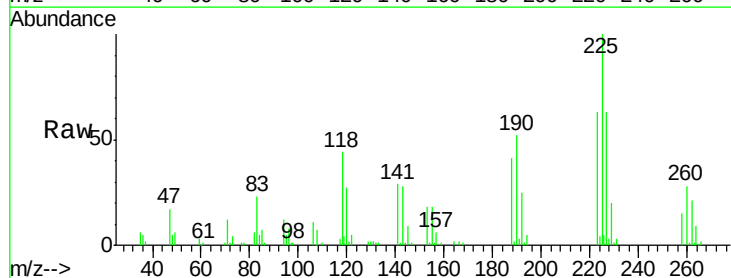


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

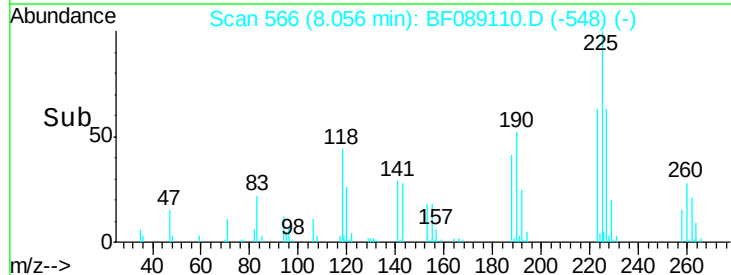
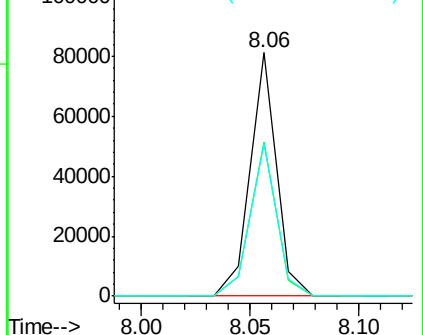


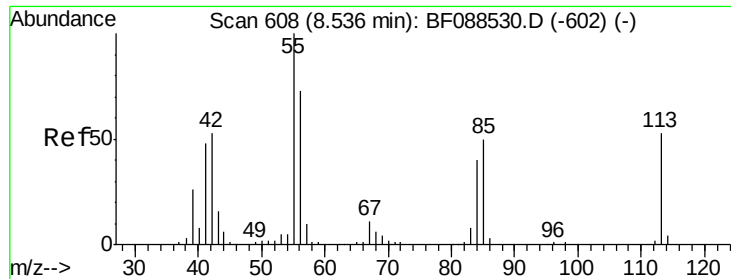
#34
Hexachlorobutadiene
Concen: 43.81 ng
RT: 8.06 min Scan# 566
Delta R.T. -0.09 min
Lab File: BF089110.D
Acq: 19 Jul 2016 11:16

Tgt Ion:	225	Resp:	68170
Ion	Ratio	Lower	Upper
225	100		
223	63.2	50.9	76.3
227	62.9	51.9	77.9



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

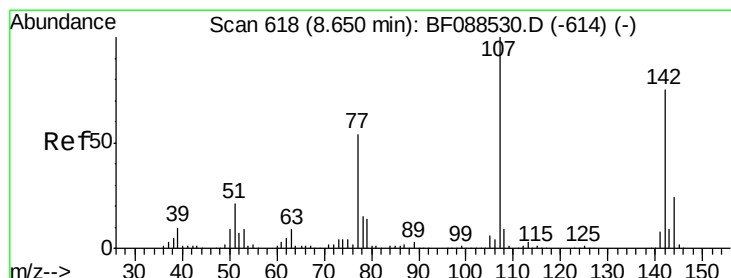
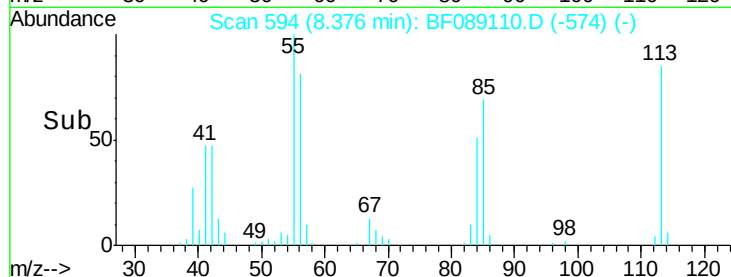
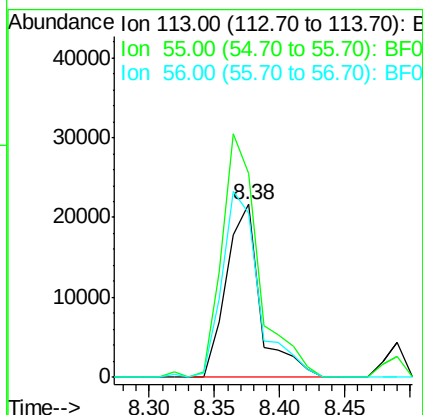
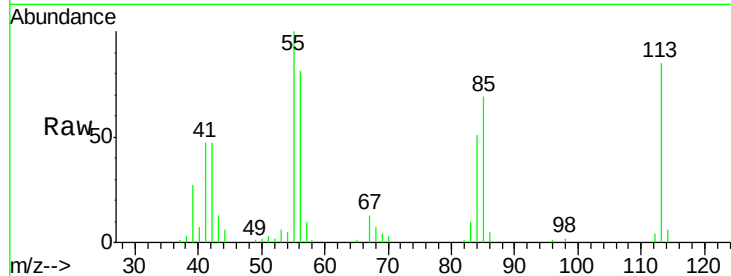




#35
 Caprolactam
 Concen: 43.69 ng
 RT: 8.38 min Scan# 594
 Delta R.T. -0.07 min
 Lab File: BF089110.D
 Acq: 19 Jul 2016 11:16

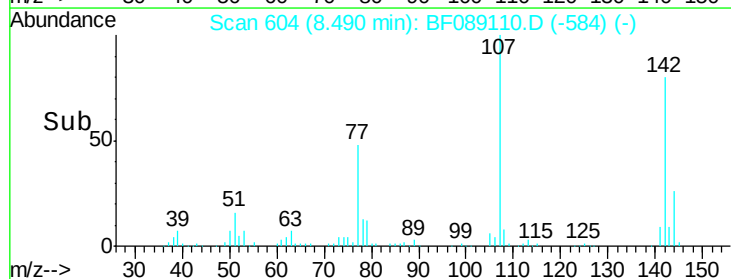
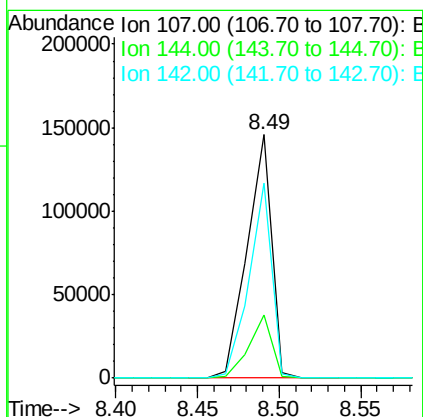
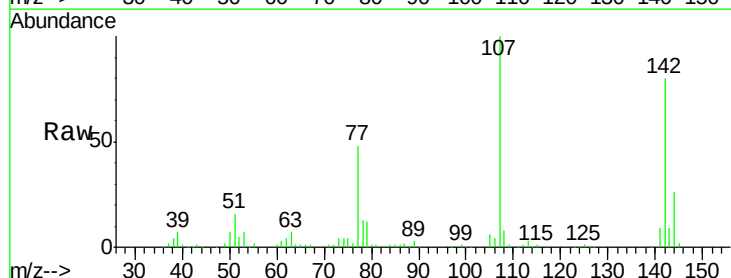
Instrument :
 BNA_F
 ClientSampleId :

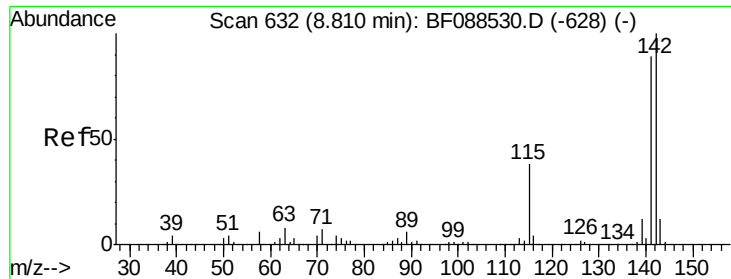
Tot Ion:113 Resp: 39292
 Ion Ratio Lower Upper
 113 100
 55 118.3 158.6 198.6#
 56 95.3 110.6 150.6#



#36
 4-Chloro-3-methylphenol
 Concen: 48.78 ng
 RT: 8.49 min Scan# 604
 Delta R.T. -0.07 min
 Lab File: BF089110.D
 Acq: 19 Jul 2016 11:16

Tgt Ion:107 Resp: 152769
 Ion Ratio Lower Upper
 107 100
 144 25.9 20.8 31.2
 142 80.0 63.4 95.2

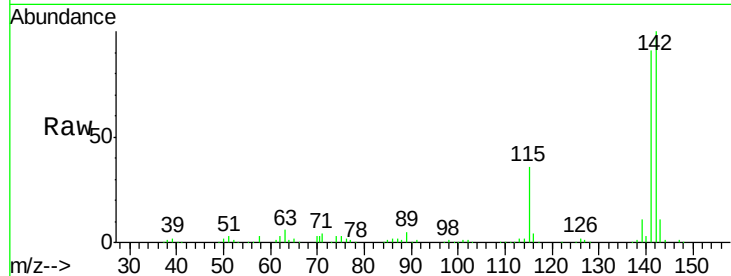




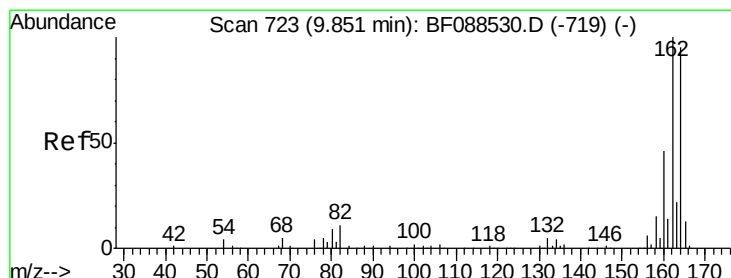
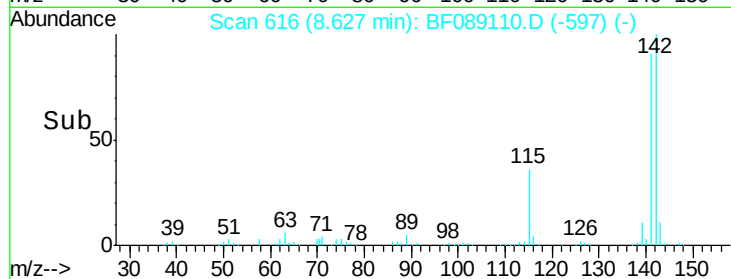
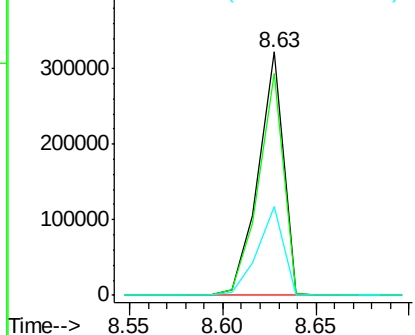
#37
 2-Methylnaphthalene
 Concen: 47.50 ng
 RT: 8.63 min Scan# 616
 Delta R.T. -0.08 min
 Lab File: BF089110.D
 Acq: 19 Jul 2016 11:16

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
142	100		
141	91.0	71.0	106.6
115	36.4	22.6	33.8#

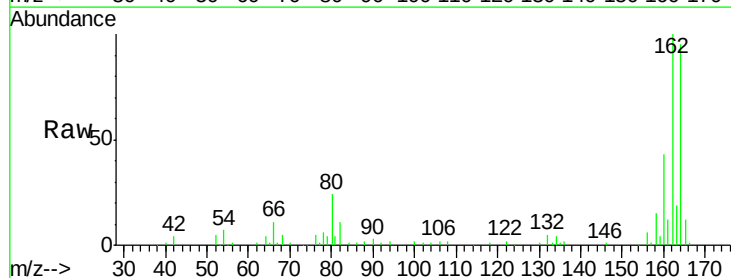


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

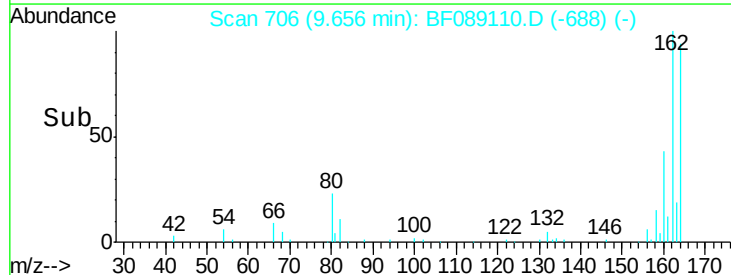
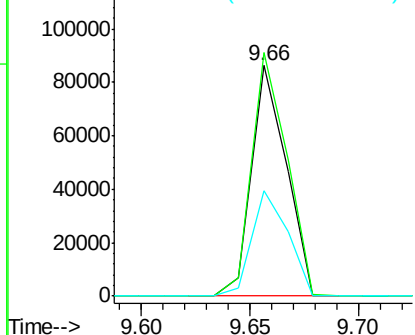


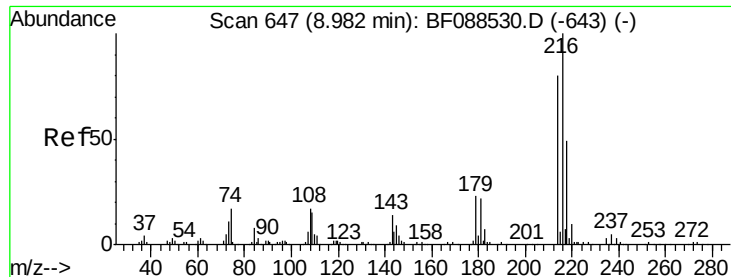
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.66 min Scan# 706
 Delta R.T. -0.09 min
 Lab File: BF089110.D
 Acq: 19 Jul 2016 11:16

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.5	85.4	128.2
160	45.7	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: 45.62 ng

RT: 8.80 min Scan# 631

Delta R.T. -0.08 min

Lab File: BF089110.D

Acq: 19 Jul 2016 11:16

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 145448

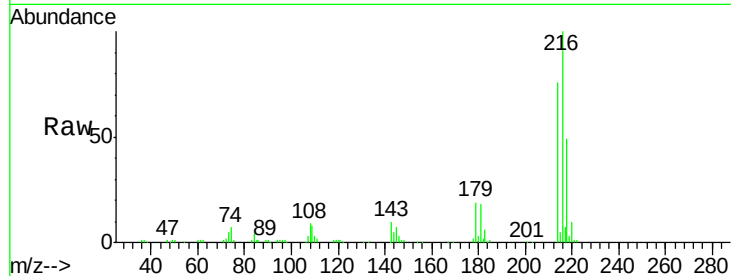
Ion Ratio Lower Upper

216 100

214 77.8 2.9 4.3#

179 22.2 0.0 0.0#

108 19.1 0.5 0.7#

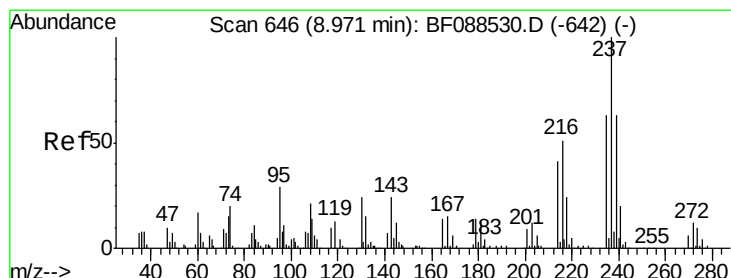
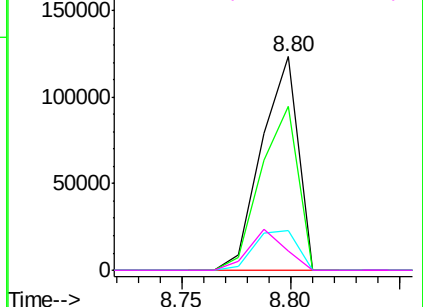
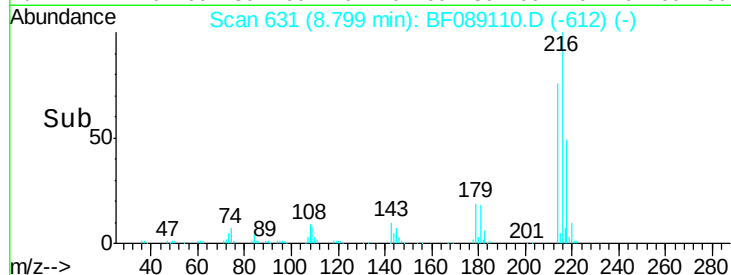


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 32.63 ng

RT: 8.78 min Scan# 629

Delta R.T. -0.09 min

Lab File: BF089110.D

Acq: 19 Jul 2016 11:16

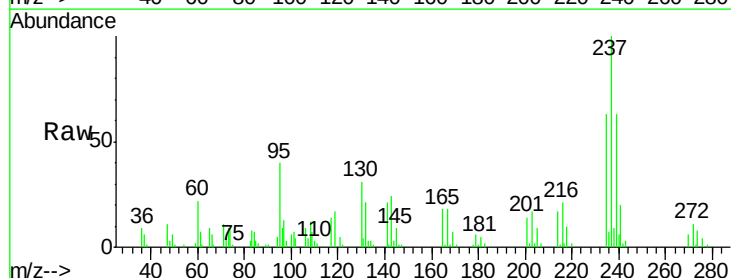
Tgt Ion:237 Resp: 51058

Ion Ratio Lower Upper

237 100

235 63.3 43.4 83.4

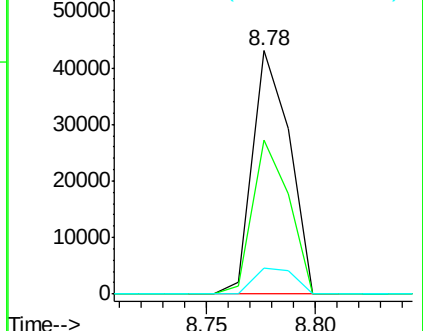
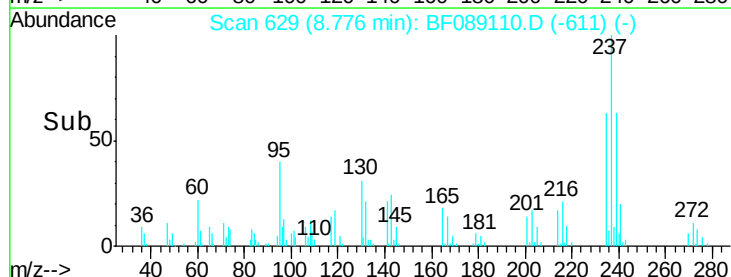
272 10.7 0.0 32.3

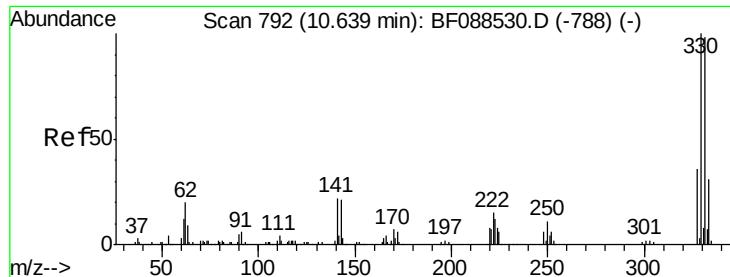


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

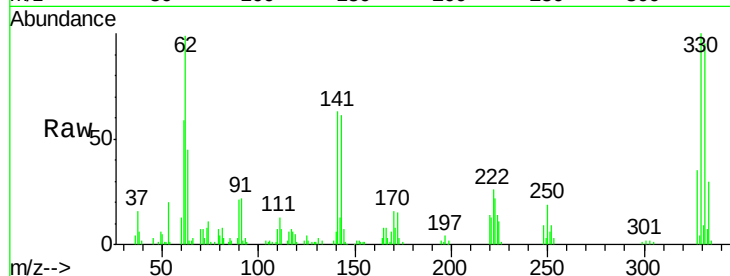




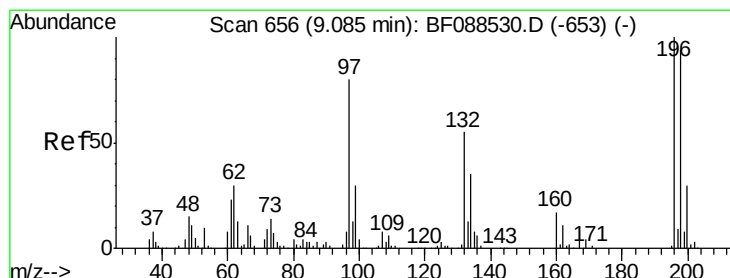
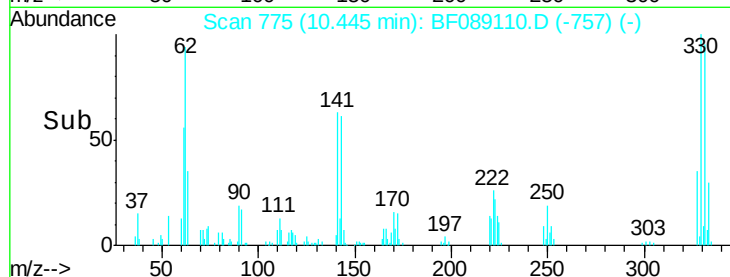
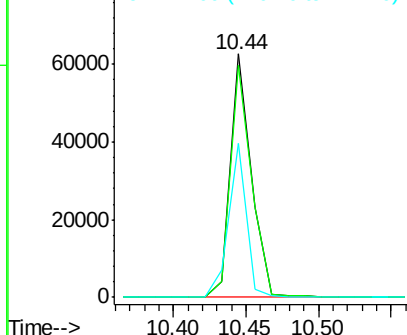
#41
 2,4,6-Tribromophenol
 Concen: 70.57 ng
 RT: 10.44 min Scan# 775
 Delta R.T. -0.09 min
 Lab File: BF089110.D
 Acq: 19 Jul 2016 11:16

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 62816
 Ion Ratio Lower Upper
 330 100
 332 96.6 0.0 0.0#
 141 53.6 0.0 0.0#

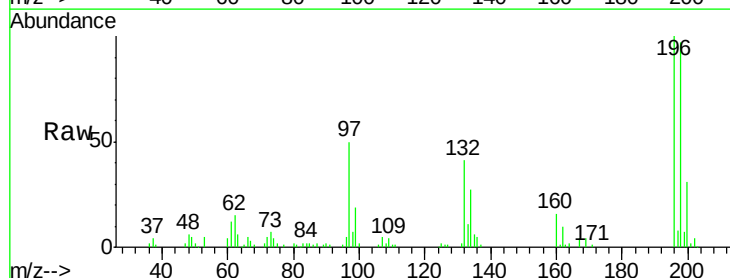


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

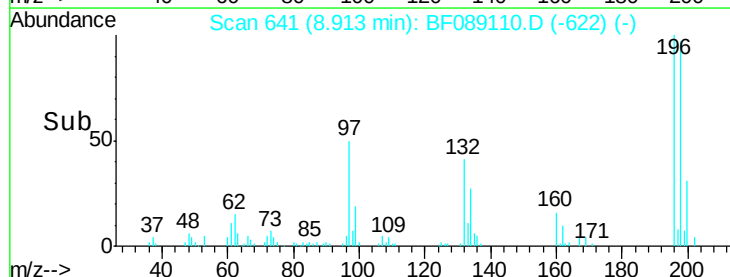
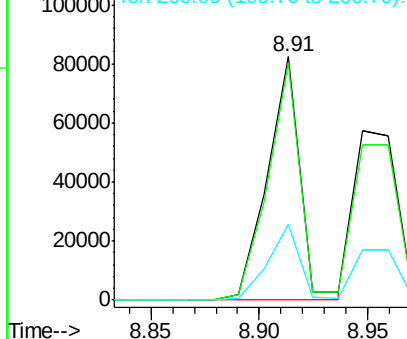


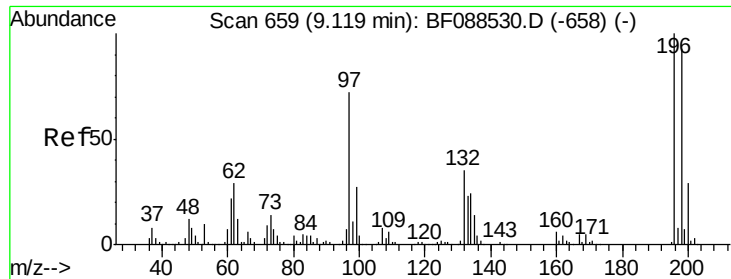
#42
 2,4,6-Trichlorophenol
 Concen: 41.03 ng
 RT: 8.91 min Scan# 641
 Delta R.T. -0.08 min
 Lab File: BF089110.D
 Acq: 19 Jul 2016 11:16

Tgt Ion:196 Resp: 86235
 Ion Ratio Lower Upper
 196 100
 198 97.3 78.0 117.0
 200 31.1 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

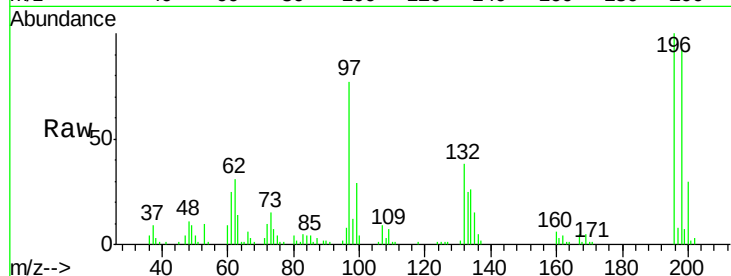




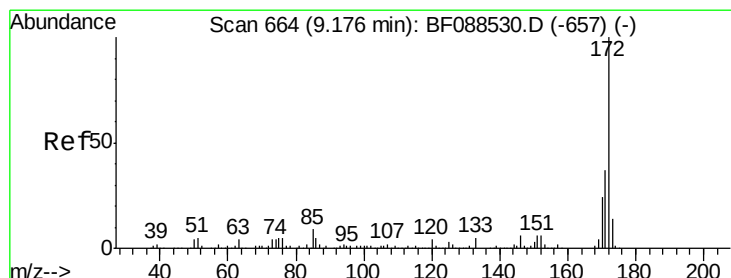
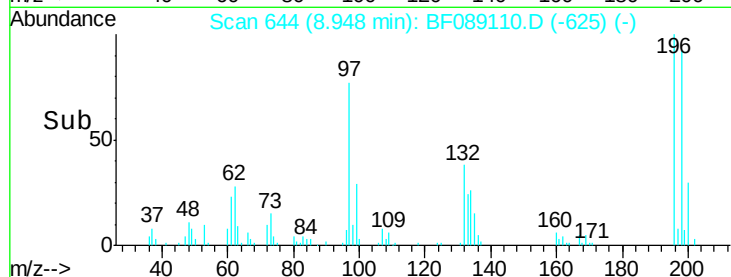
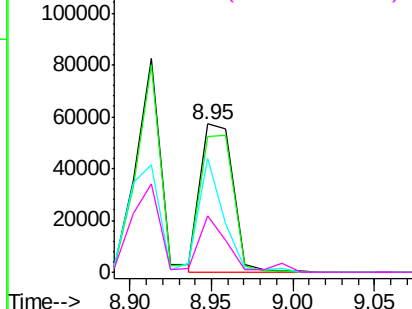
#43
 2,4,5-Trichlorophenol
 Concen: 44.36 ng
 RT: 8.95 min Scan# 644
 Delta R.T. -0.08 min
 Lab File: BF089110.D
 Acq: 19 Jul 2016 11:16

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196 Resp: 80223
 Ion Ratio Lower Upper
 196 100
 198 92.0 77.5 116.3
 97 76.9 32.0 48.0#
 132 37.7 20.9 31.3#

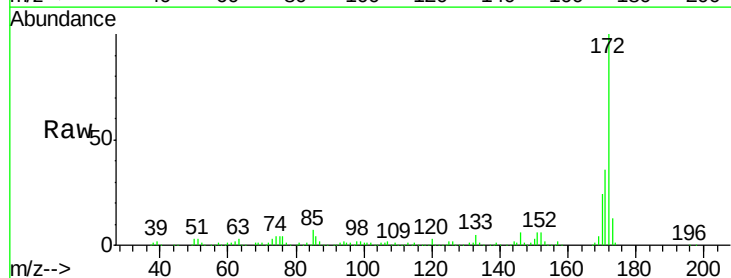


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

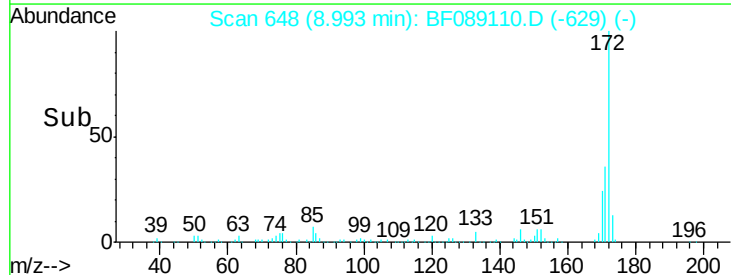
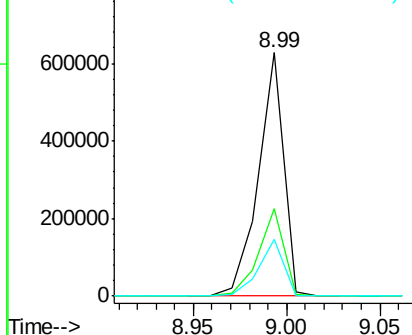


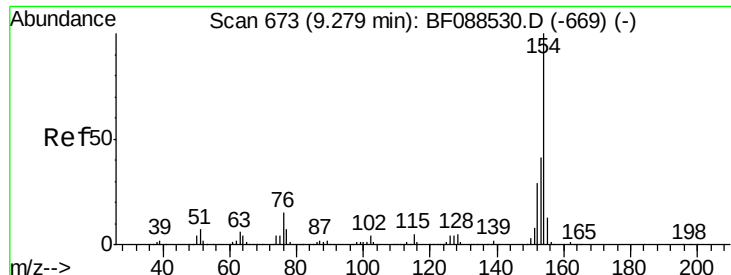
#44
 2-Fluorobiphenyl
 Concen: 96.07 ng
 RT: 8.99 min Scan# 648
 Delta R.T. -0.08 min
 Lab File: BF089110.D
 Acq: 19 Jul 2016 11:16

Tgt Ion:172 Resp: 583009
 Ion Ratio Lower Upper
 172 100
 171 36.1 28.6 43.0
 170 23.6 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: 44.10 ng

RT: 9.10 min Scan# 657

Delta R.T. -0.08 min

Lab File: BF089110.D

Acq: 19 Jul 2016 11:16

Instrument :

BNA_F

ClientSampleId :

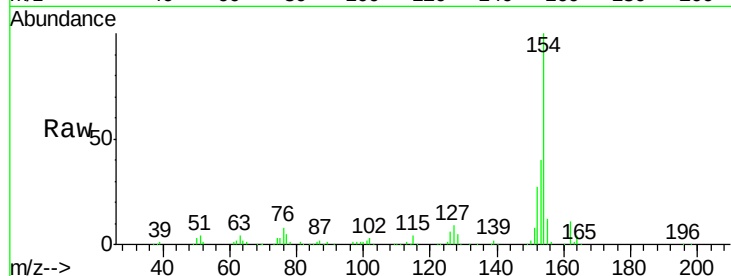
Tot Ion:154 Resp: 350004

Ion Ratio Lower Upper

154 100

153 40.4 20.6 60.6

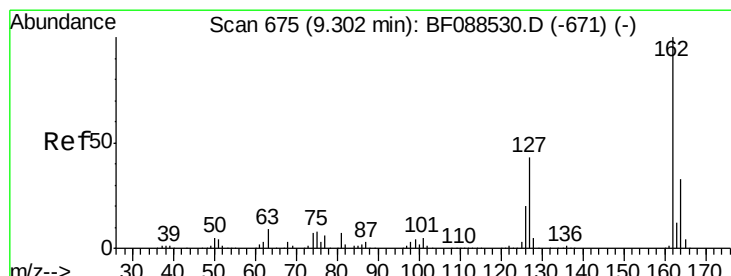
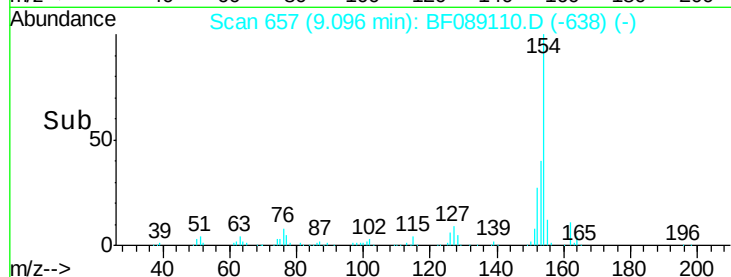
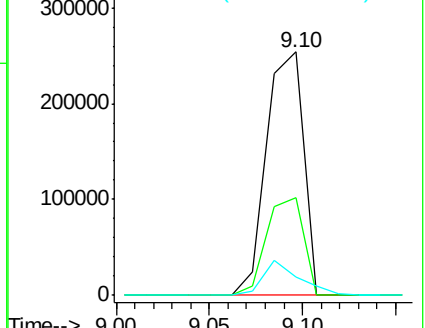
76 7.5 0.0 35.1



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 39.83 ng

RT: 9.11 min Scan# 658

Delta R.T. -0.09 min

Lab File: BF089110.D

Acq: 19 Jul 2016 11:16

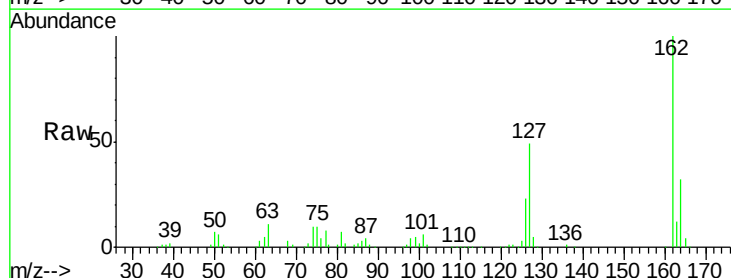
Tgt Ion:162 Resp: 248175

Ion Ratio Lower Upper

162 100

127 49.5 35.2 52.8

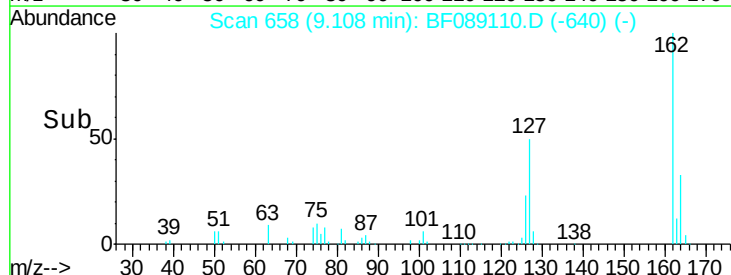
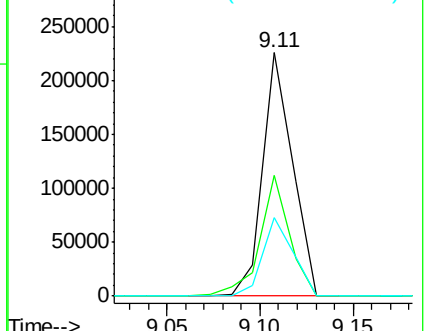
164 32.3 26.6 39.8

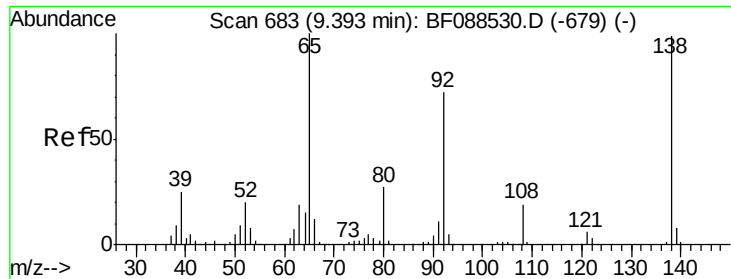


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

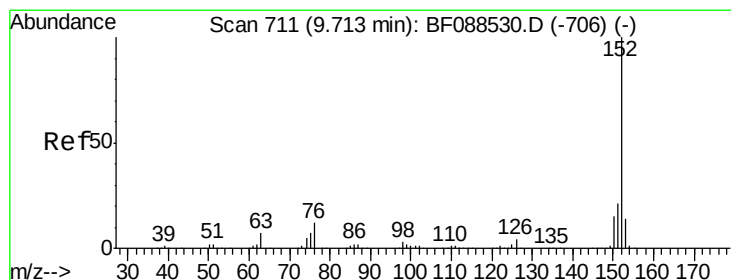
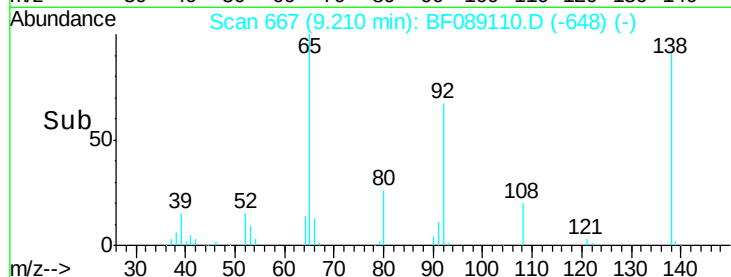
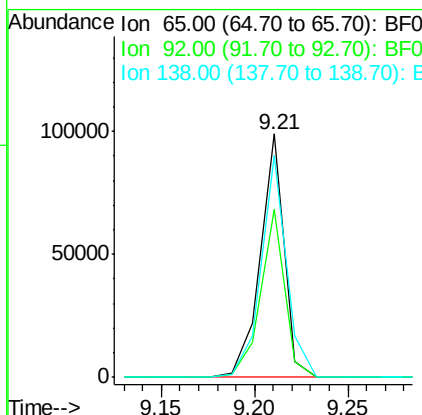
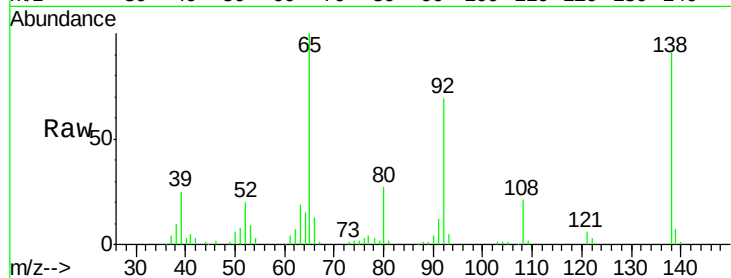




#47
 2-Nitroaniline
 Concen: 39.94 ng
 RT: 9.21 min Scan# 667
 Delta R.T. -0.08 min
 Lab File: BF089110.D
 Acq: 19 Jul 2016 11:16

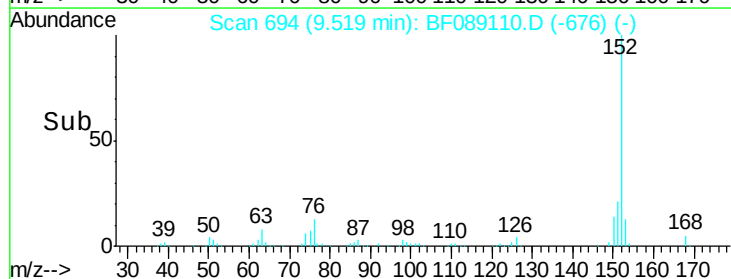
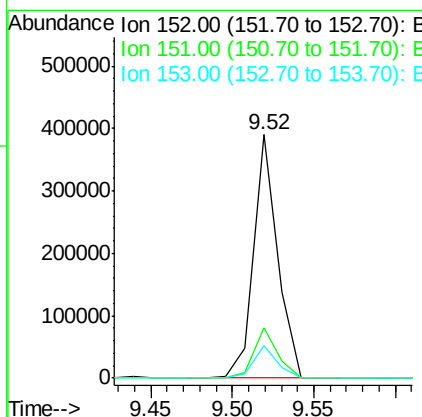
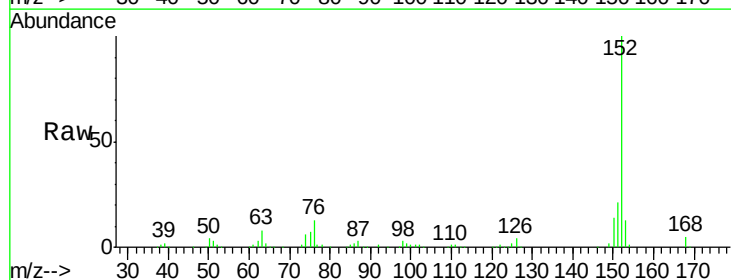
Instrument :
 BNA_F
 ClientSampleId :

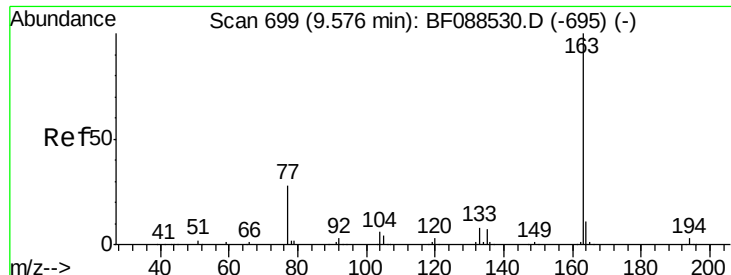
Tot Ion: 65 Resp: 88328
 Ion Ratio Lower Upper
 65 100
 92 69.1 54.6 82.0
 138 90.9 77.0 115.4



#48
 Acenaphthylene
 Concen: 40.05 ng
 RT: 9.52 min Scan# 694
 Delta R.T. -0.09 min
 Lab File: BF089110.D
 Acq: 19 Jul 2016 11:16

Tgt Ion: 152 Resp: 397090
 Ion Ratio Lower Upper
 152 100
 151 20.5 16.2 24.4
 153 13.5 11.0 16.6





#49

Dimethylphthalate

Concen: 45.47 ng

RT: 9.40 min Scan# 684

Delta R.T. -0.08 min

Lab File: BF089110.D

Acq: 19 Jul 2016 11:16

Instrument :

BNA_F

ClientSampleId :

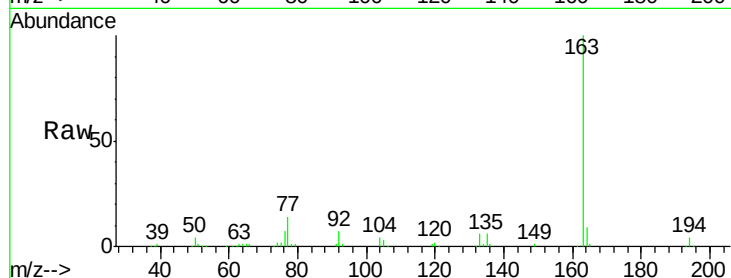
Tot Ion:163 Resp: 310523

Ion Ratio Lower Upper

163 100

194 3.7 2.8 4.2

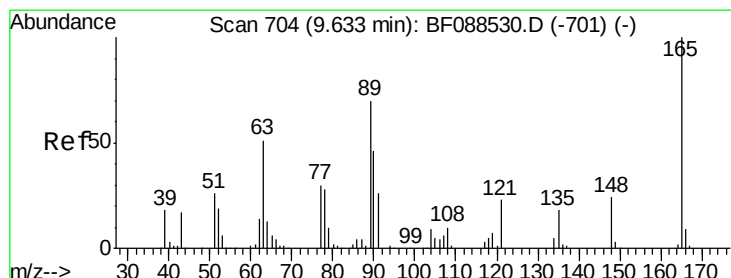
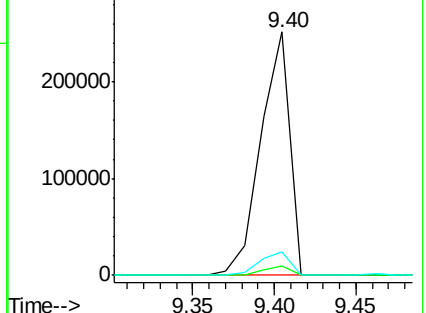
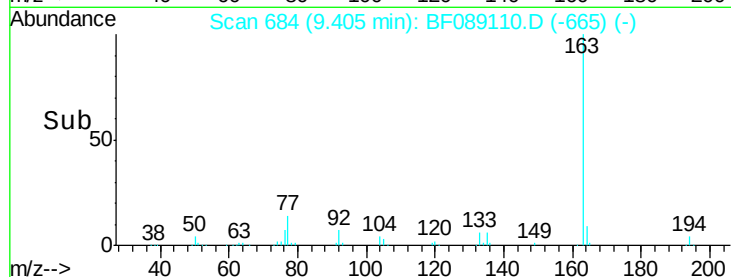
164 9.4 8.3 12.5



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: 48.49 ng

RT: 9.46 min Scan# 689

Delta R.T. -0.08 min

Lab File: BF089110.D

Acq: 19 Jul 2016 11:16

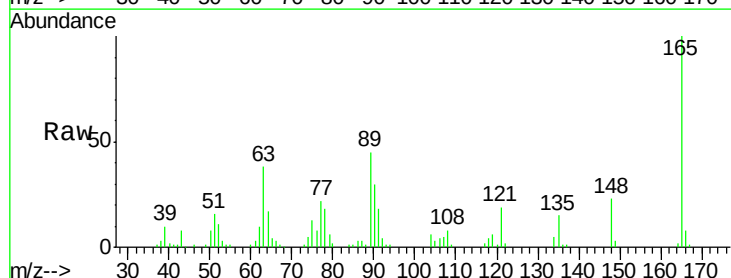
Tgt Ion:165 Resp: 73389

Ion Ratio Lower Upper

165 100

63 37.9 28.1 42.1

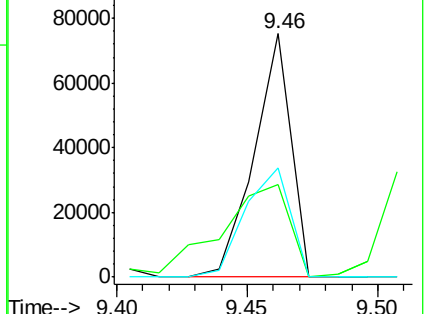
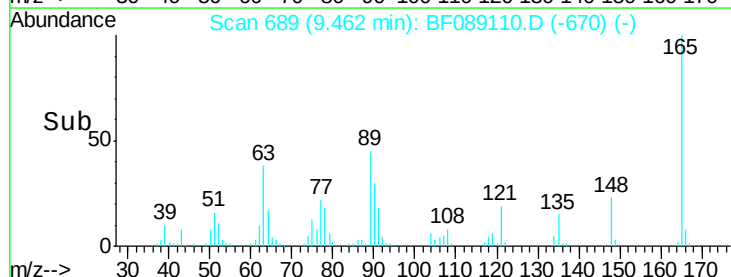
89 44.7 32.2 48.2

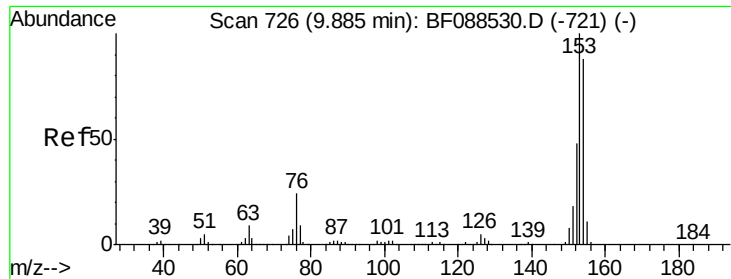


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 37.90 ng

RT: 9.69 min Scan# 709

Delta R.T. -0.09 min

Lab File: BF089110.D

Acq: 19 Jul 2016 11:16

Instrument :

BNA_F

ClientSampleId :

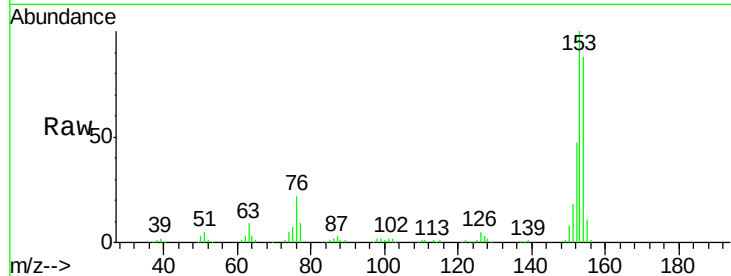
Tot Ion:154 Resp: 230357

Ion Ratio Lower Upper

154 100

153 113.8 89.5 134.3

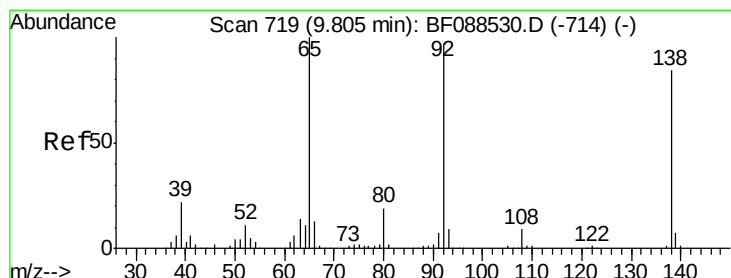
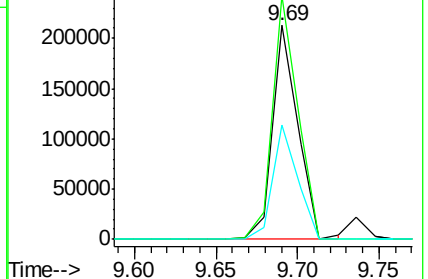
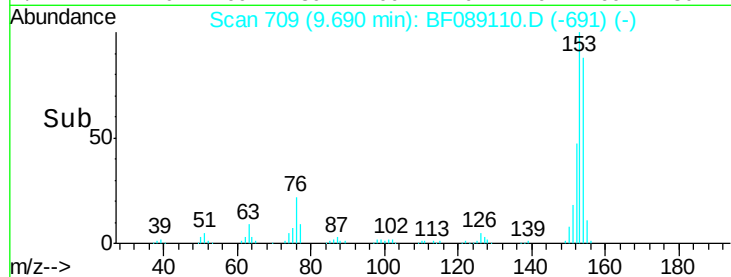
152 53.4 42.7 64.1



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: 38.41 ng

RT: 9.62 min Scan# 703

Delta R.T. -0.08 min

Lab File: BF089110.D

Acq: 19 Jul 2016 11:16

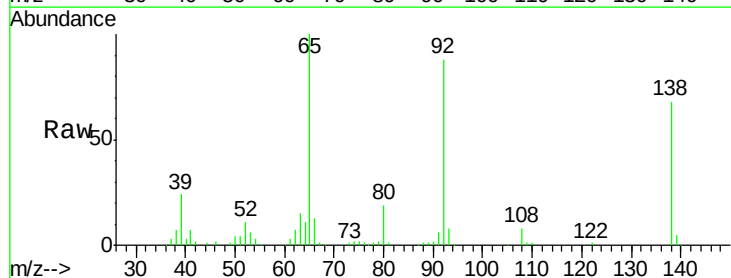
Tgt Ion:138 Resp: 73904

Ion Ratio Lower Upper

138 100

108 12.0 8.5 12.7

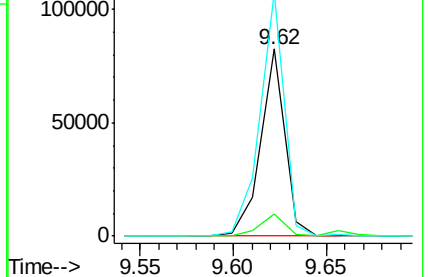
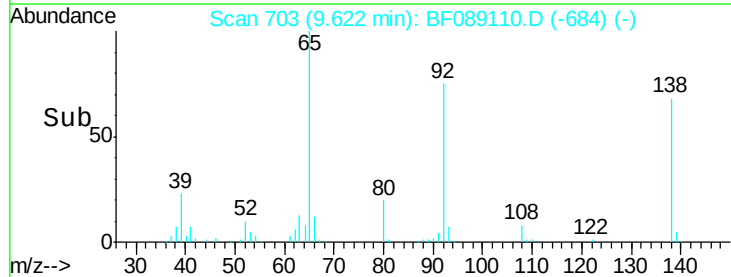
92 130.3 95.7 143.5

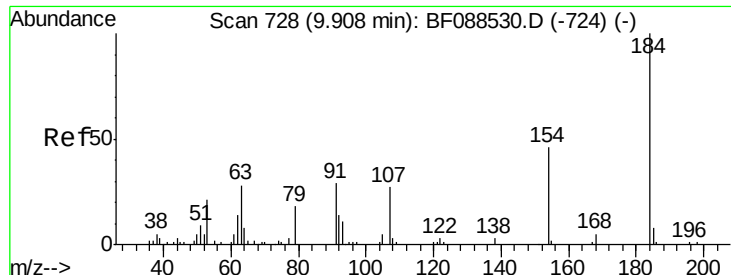


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

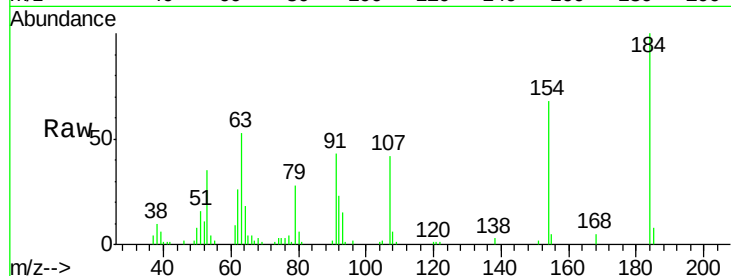




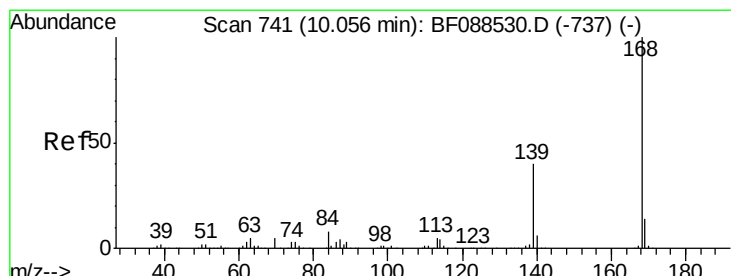
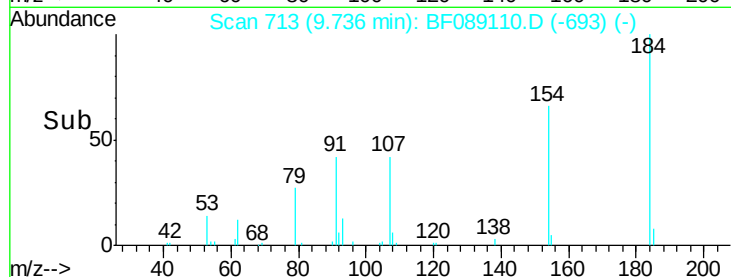
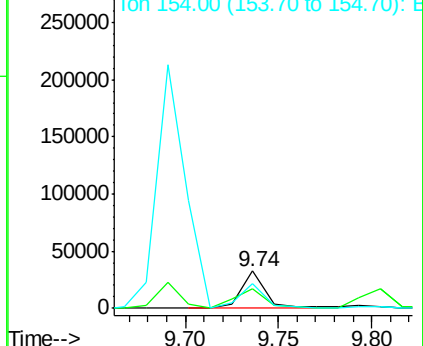
#53
 2,4-Dinitrophenol
 Concen: 45.13 ng
 RT: 9.74 min Scan# 713
 Delta R.T. -0.07 min
 Lab File: BF089110.D
 Acq: 19 Jul 2016 11:16

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:184 Resp: 30156
 Ion Ratio Lower Upper
 184 100
 63 53.1 57.6 86.4#
 154 67.6 53.5 80.3

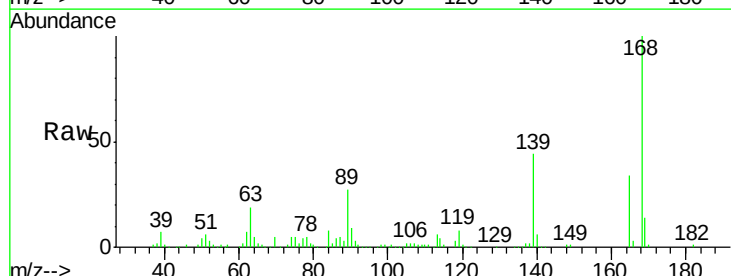


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

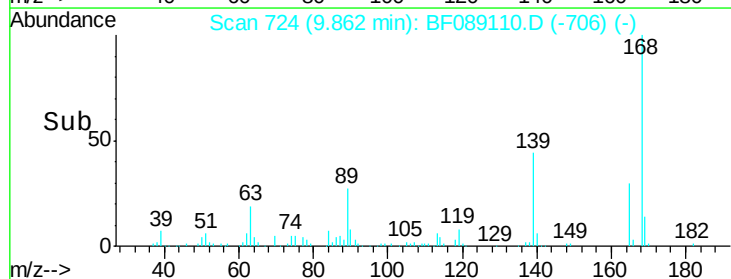
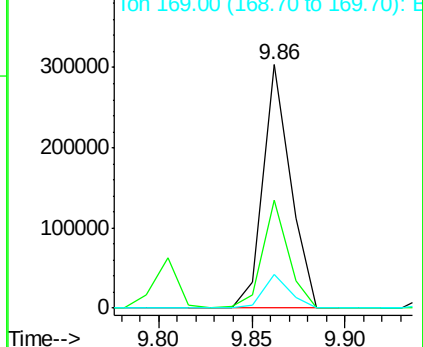


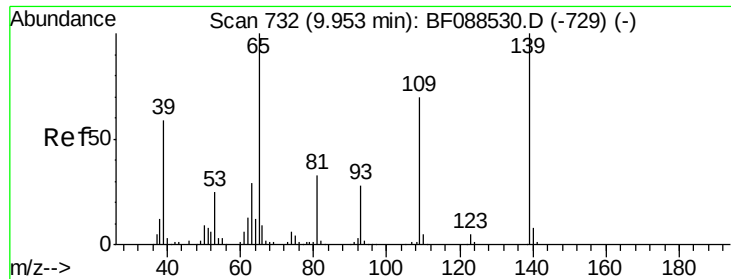
#54
 Dibenzofuran
 Concen: 38.73 ng
 RT: 9.86 min Scan# 724
 Delta R.T. -0.09 min
 Lab File: BF089110.D
 Acq: 19 Jul 2016 11:16

Tgt Ion:168 Resp: 308106
 Ion Ratio Lower Upper
 168 100
 139 44.4 26.4 39.6#
 169 13.8 10.4 15.6



Abundance Ion 168.00 (167.70 to 168.70): E
 Ion 139.00 (138.70 to 139.70): E
 Ion 169.00 (168.70 to 169.70): E

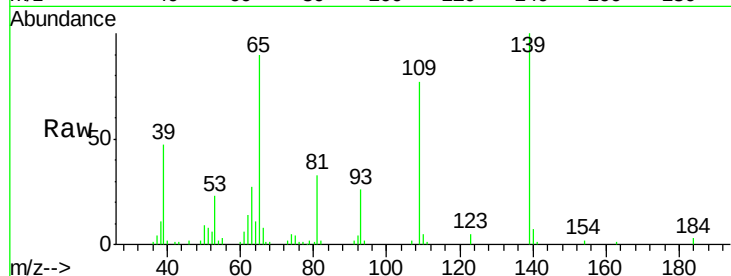




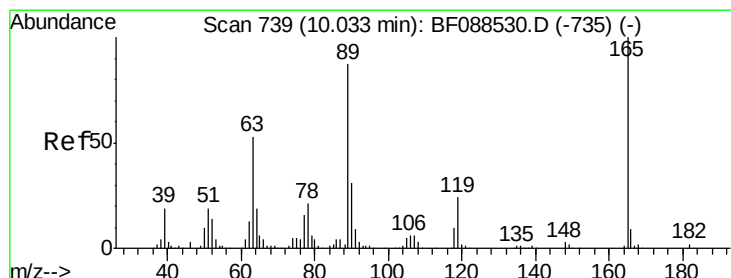
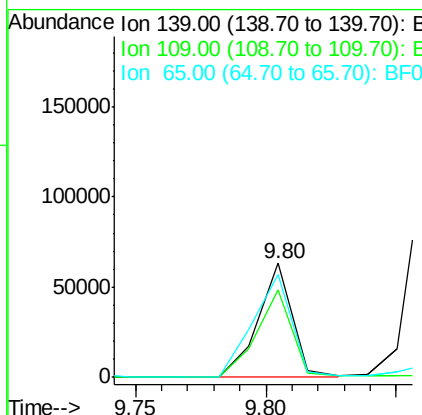
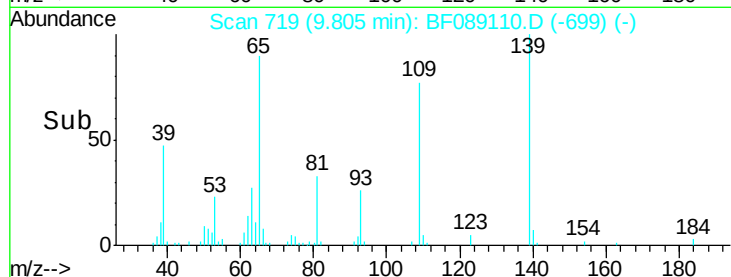
#55
4-Nitrophenol
Concen: 40.21 ng
RT: 9.80 min Scan# 719
Delta R.T. -0.07 min
Lab File: BF089110.D
Acq: 19 Jul 2016 11:16

Instrument :
BNA_F
ClientSampleId :

Tot Ion:139 Resp: 58787
Ion Ratio Lower Upper
139 100
109 77.0 48.9 88.9
65 89.8 84.9 124.9

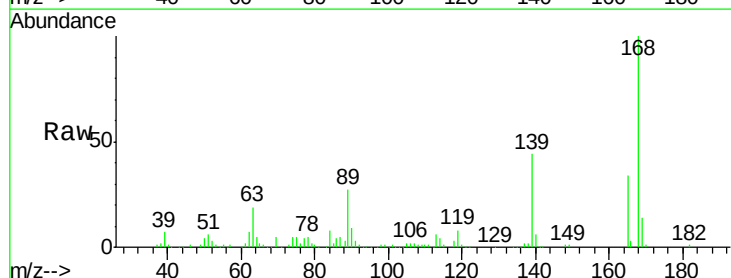


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

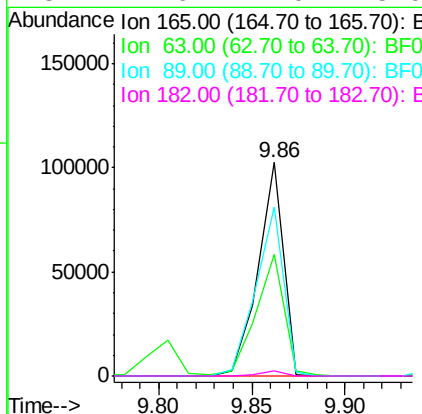
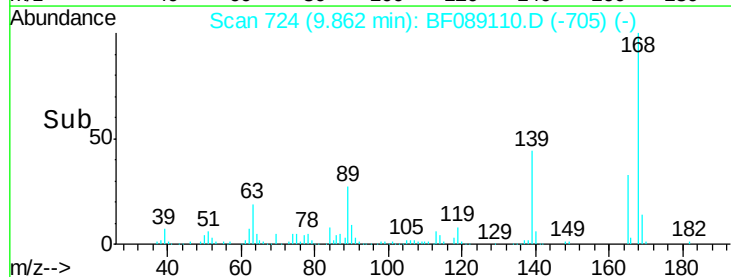


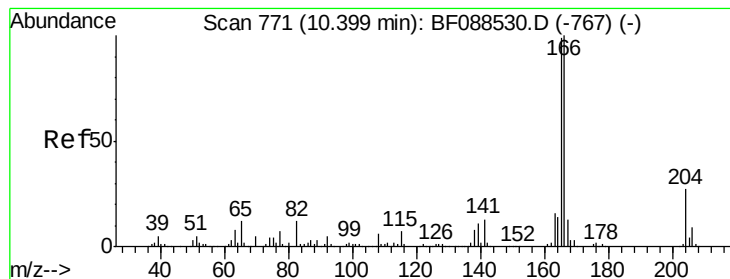
#56
2,4-Dinitrotoluene
Concen: 48.30 ng
RT: 9.86 min Scan# 724
Delta R.T. -0.08 min
Lab File: BF089110.D
Acq: 19 Jul 2016 11:16

Tgt Ion:165 Resp: 95578
Ion Ratio Lower Upper
165 100
63 57.1 22.0 33.0#
89 79.4 41.1 61.7#
182 2.6 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: 44.12 ng

RT: 10.20 min Scan# 754

Delta R.T. -0.09 min

Lab File: BF089110.D

Acq: 19 Jul 2016 11:16

Instrument :

BNA_F

ClientSampled :

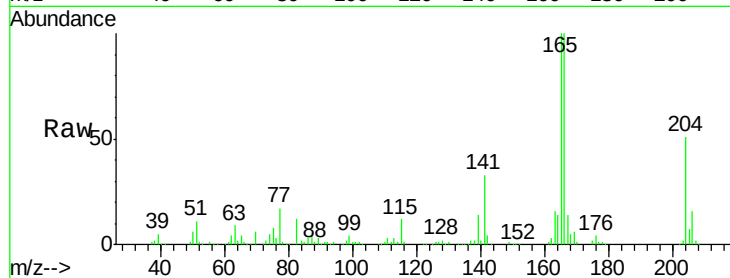
Tot Ion:166 Resp: 270482

Ion Ratio Lower Upper

166 100

165 99.6 77.8 116.8

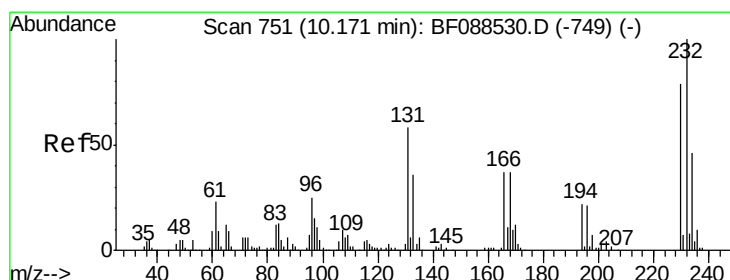
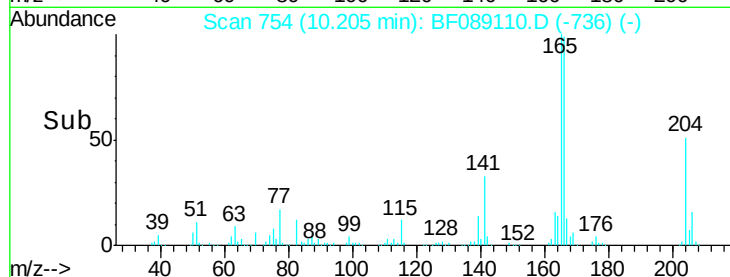
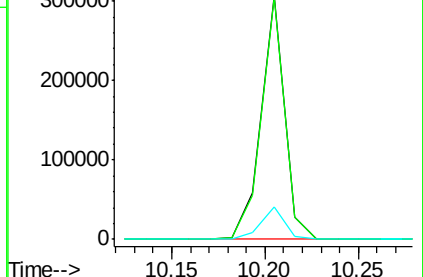
167 13.5 11.2 16.8



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: 42.25 ng

RT: 9.99 min Scan# 735

Delta R.T. -0.08 min

Lab File: BF089110.D

Acq: 19 Jul 2016 11:16

Tgt Ion:232 Resp: 59113

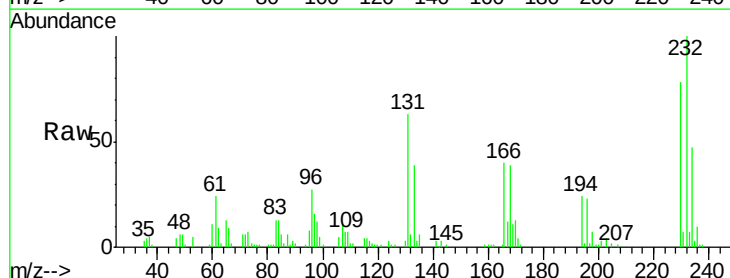
Ion Ratio Lower Upper

232 100

131 58.3 0.9 1.3#

130 2.5 1.5 2.3#

166 36.3 0.5 0.7#

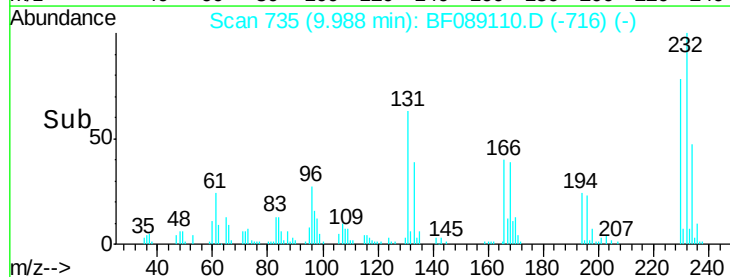
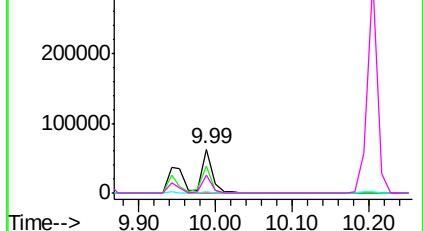


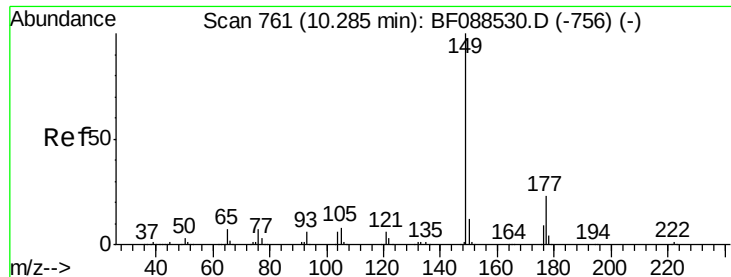
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

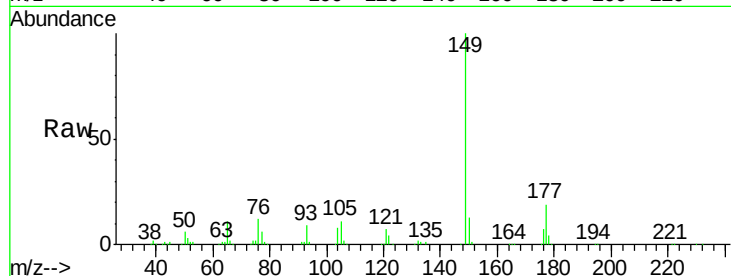




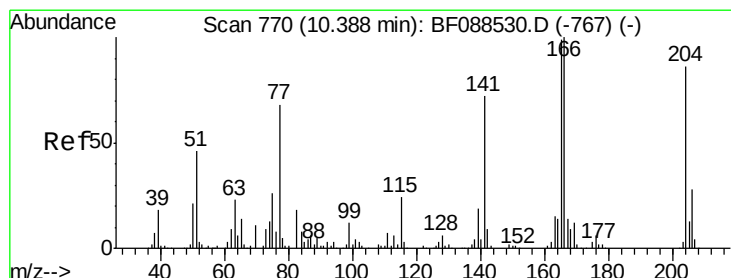
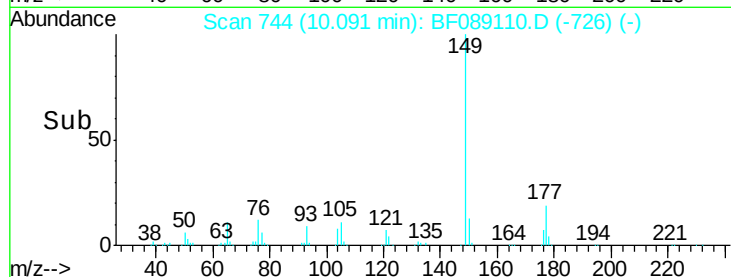
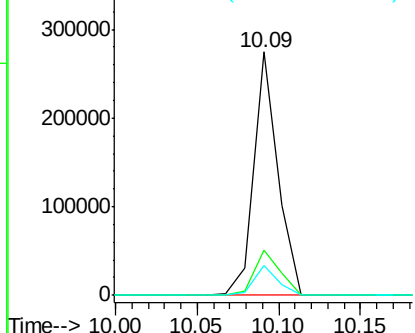
#59
Diethylphthalate
Concen: 40.99 ng
RT: 10.09 min Scan# 744
Delta R.T. -0.09 min
Lab File: BF089110.D
Acq: 19 Jul 2016 11:16

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 280889
Ion Ratio Lower Upper
149 100
177 18.8 16.9 25.3
150 12.5 10.1 15.1

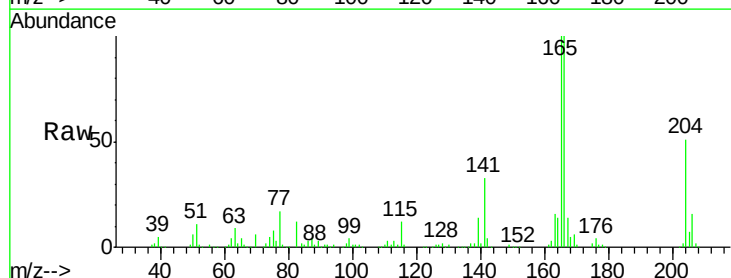


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

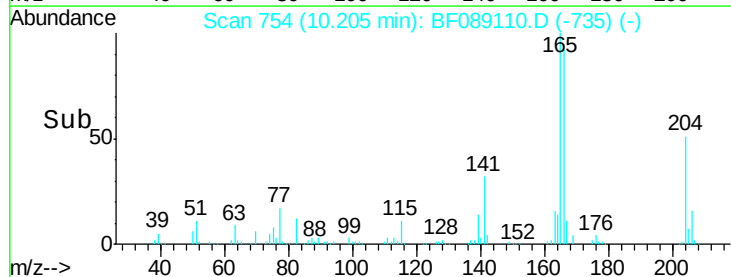
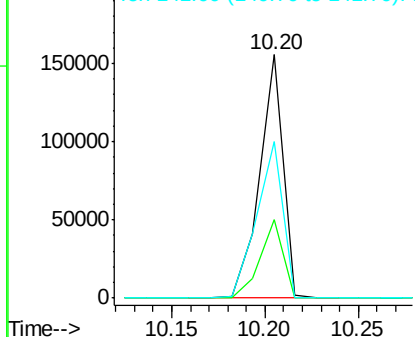


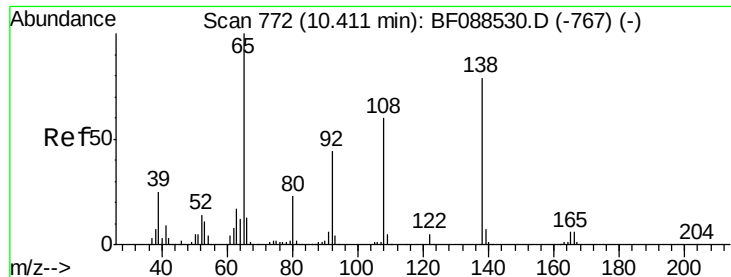
#60
4-Chlorophenyl-phenylether
Concen: 48.07 ng
RT: 10.20 min Scan# 754
Delta R.T. -0.08 min
Lab File: BF089110.D
Acq: 19 Jul 2016 11:16

Tgt Ion:204 Resp: 136918
Ion Ratio Lower Upper
204 100
206 32.3 26.3 39.5
141 64.3 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

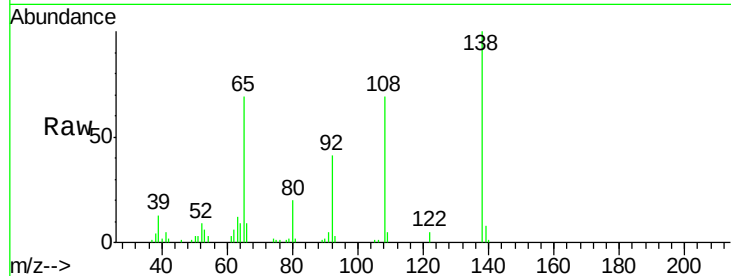




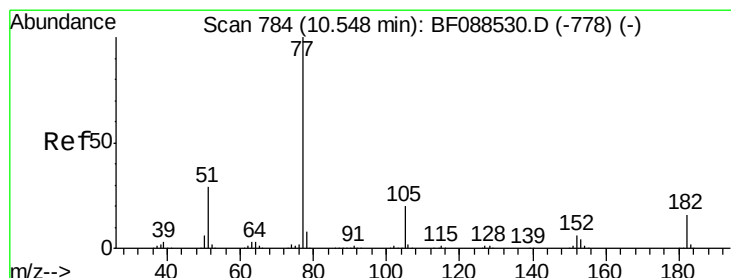
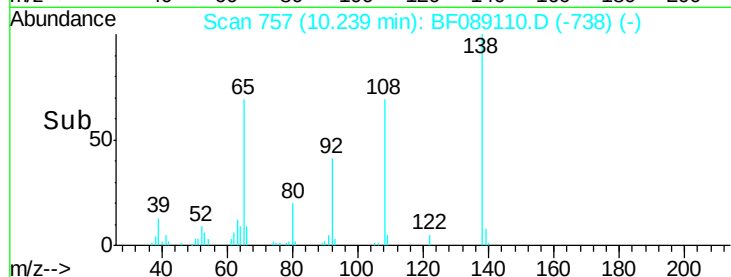
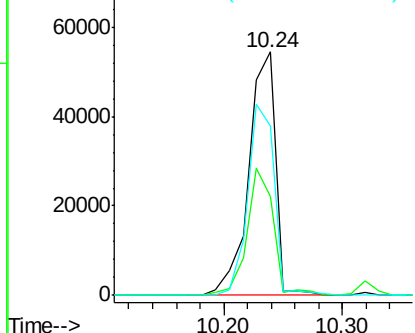
#61
4-Nitroaniline
Concen: 46.37 ng
RT: 10.24 min Scan# 757
Delta R.T. -0.08 min
Lab File: BF089110.D
Acq: 19 Jul 2016 11:16

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 85853
Ion Ratio Lower Upper
138 100
92 40.7 27.3 67.3
108 69.4 46.7 86.7

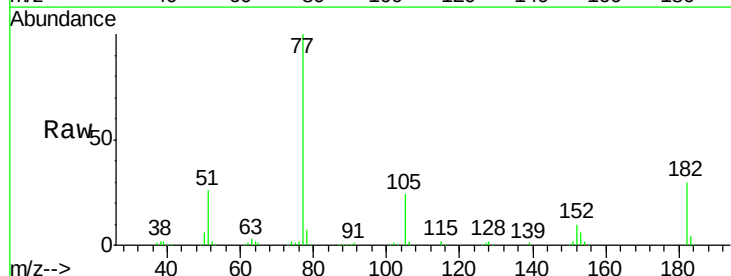


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

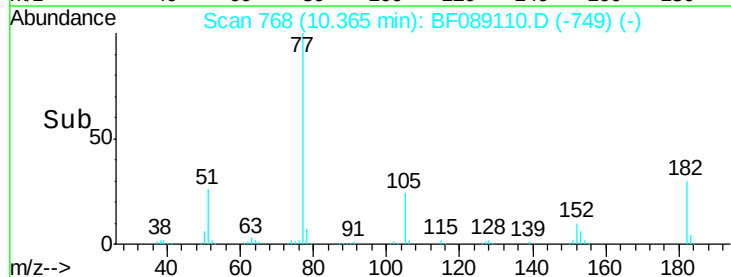
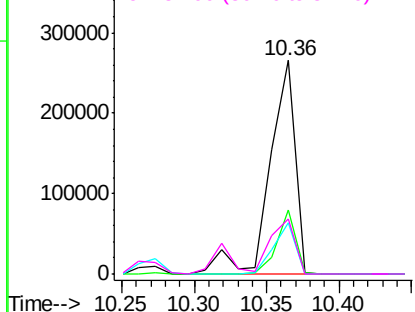


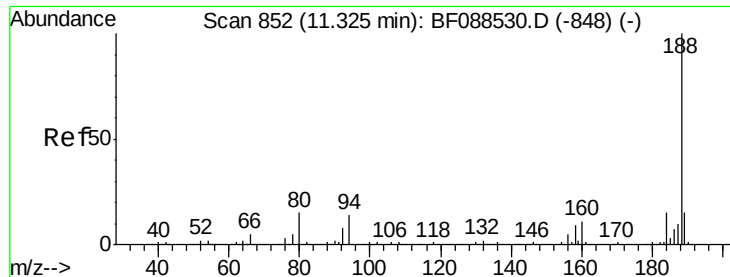
#62
Azobenzene
Concen: 41.32 ng
RT: 10.36 min Scan# 768
Delta R.T. -0.08 min
Lab File: BF089110.D
Acq: 19 Jul 2016 11:16

Tgt Ion: 77 Resp: 323008
Ion Ratio Lower Upper
77 100
182 29.7 4.4 44.4
105 24.0 3.8 43.8
51 25.9 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

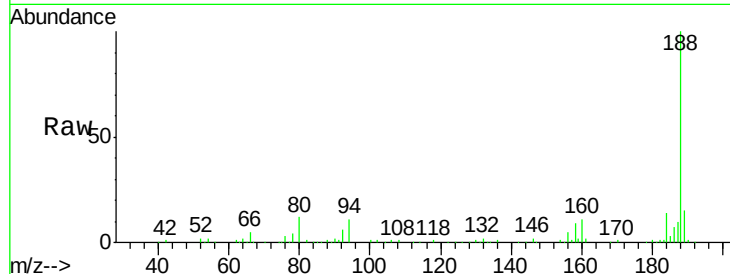




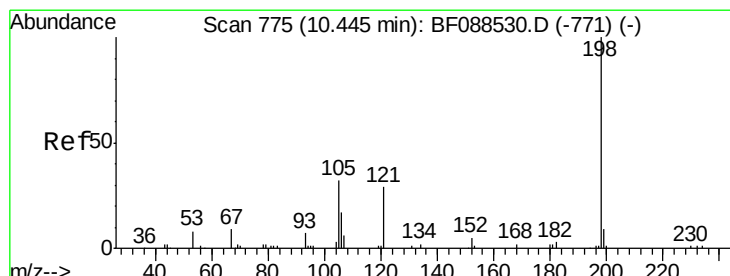
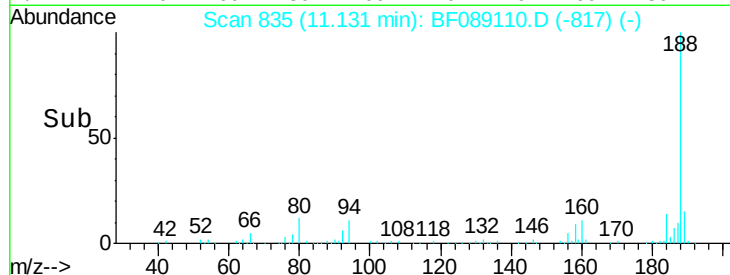
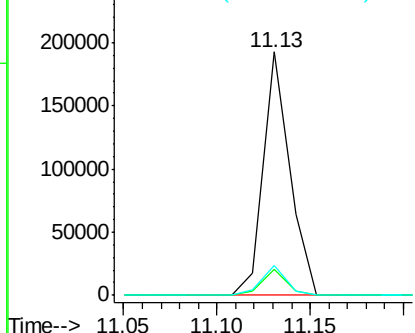
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.13 min Scan# 835
Delta R.T. -0.09 min
Lab File: BF089110.D
Acq: 19 Jul 2016 11:16

Instrument :
BNA_F
ClientSampled :

Tot Ion:188 Resp: 188766
Ion Ratio Lower Upper
188 100
94 10.7 9.0 13.6
80 12.4 10.0 15.0

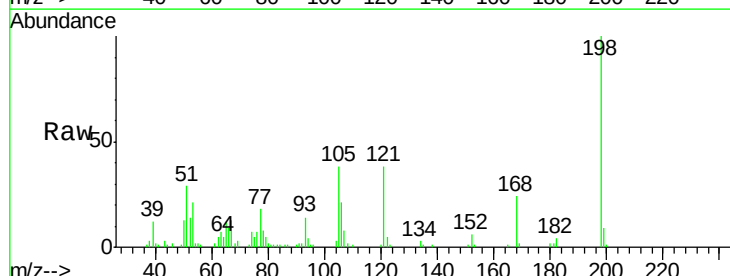


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

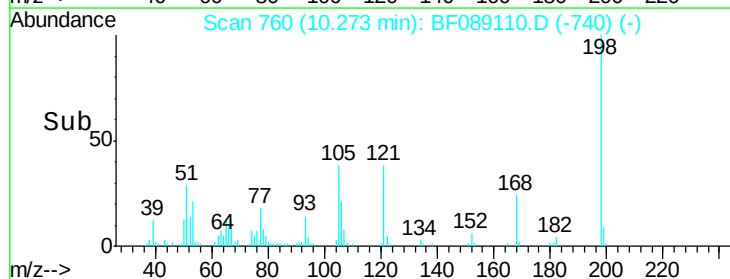
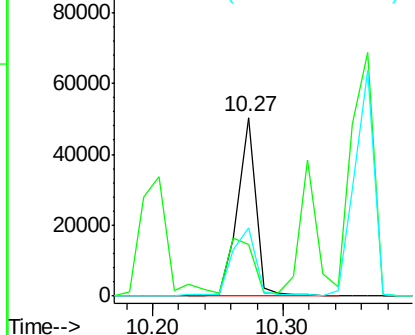


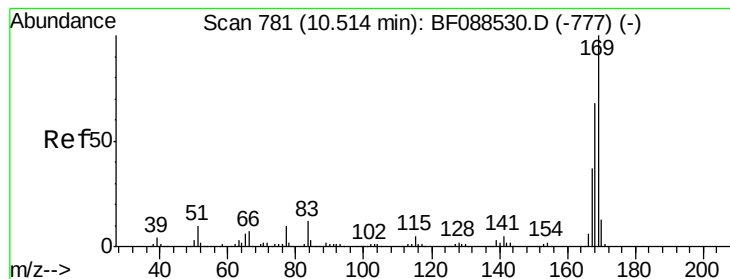
#64
4,6-Dinitro-2-methylphenol
Concen: 48.23 ng
RT: 10.27 min Scan# 760
Delta R.T. -0.07 min
Lab File: BF089110.D
Acq: 19 Jul 2016 11:16

Tgt Ion:198 Resp: 48696
Ion Ratio Lower Upper
198 100
51 28.9 39.6 79.6#
105 38.0 36.6 76.6



Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF0
Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 37.57 ng

RT: 10.32 min Scan# 764

Delta R.T. -0.09 min

Lab File: BF089110.D

Acq: 19 Jul 2016 11:16

Instrument :

BNA_F

ClientSampled :

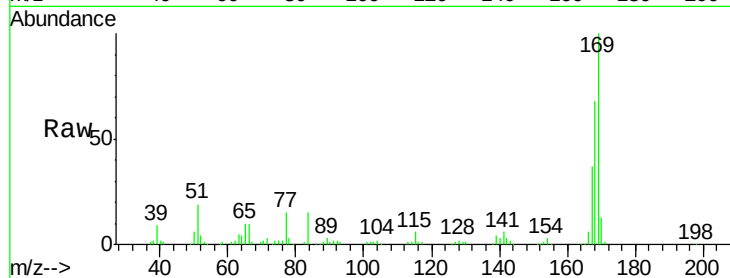
Tot Ion:169 Resp: 240054

Ion Ratio Lower Upper

169 100

168 67.7 53.4 80.0

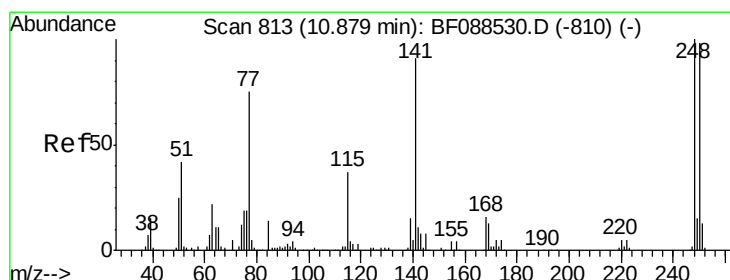
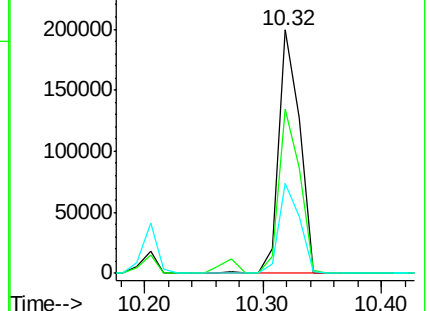
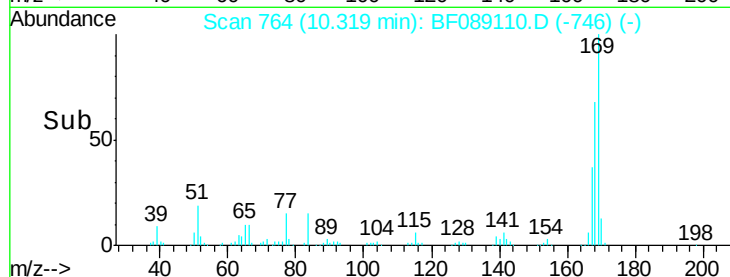
167 36.9 29.4 44.0



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 36.03 ng

RT: 10.68 min Scan# 796

Delta R.T. -0.09 min

Lab File: BF089110.D

Acq: 19 Jul 2016 11:16

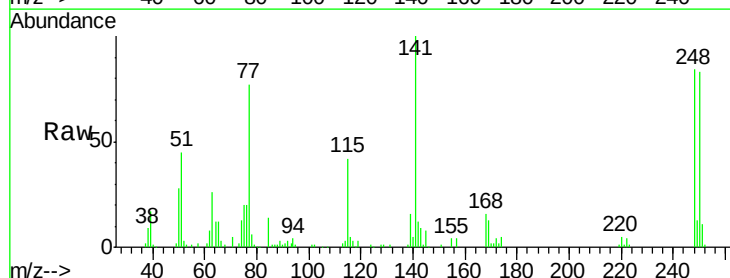
Tgt Ion:248 Resp: 68537

Ion Ratio Lower Upper

248 100

250 98.1 77.1 115.7

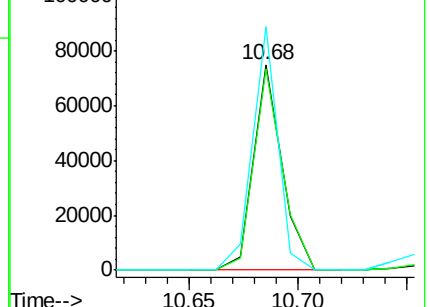
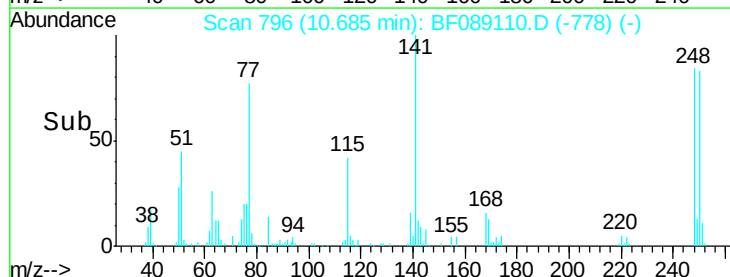
141 118.4 50.6 76.0#

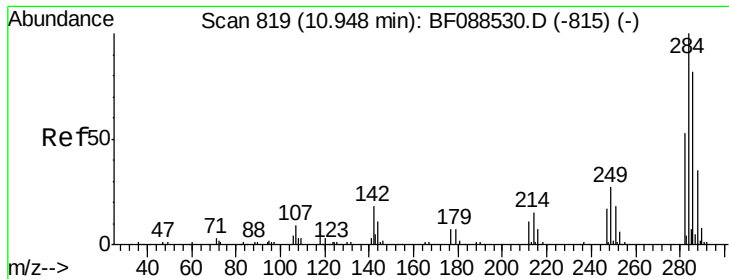


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 38.09 ng

RT: 10.75 min Scan# 802

Delta R.T. -0.08 min

Lab File: BF089110.D

Acq: 19 Jul 2016 11:16

Instrument :
BNA_F
ClientSampleId :

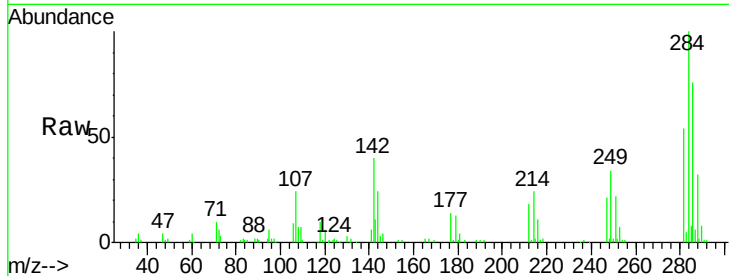
Tot Ion:284 Resp: 80213

Ion Ratio Lower Upper

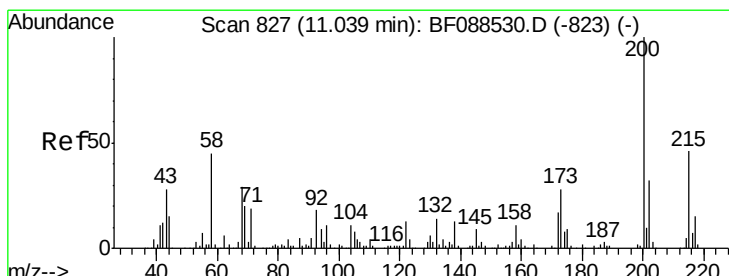
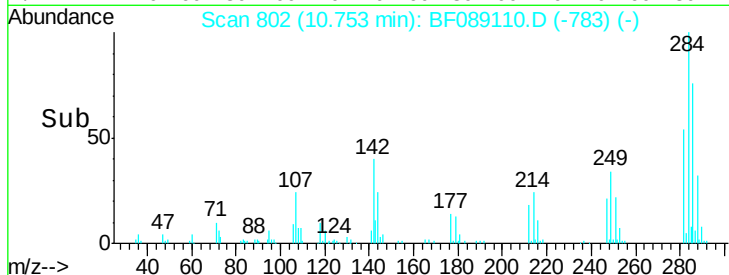
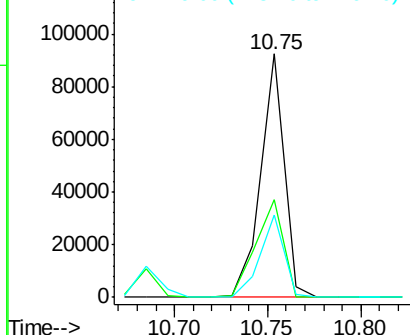
284 100

142 40.1 35.8 53.8

249 33.8 25.8 38.6



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



#68

Atrazine

Concen: 37.71 ng

RT: 10.86 min Scan# 811

Delta R.T. -0.08 min

Lab File: BF089110.D

Acq: 19 Jul 2016 11:16

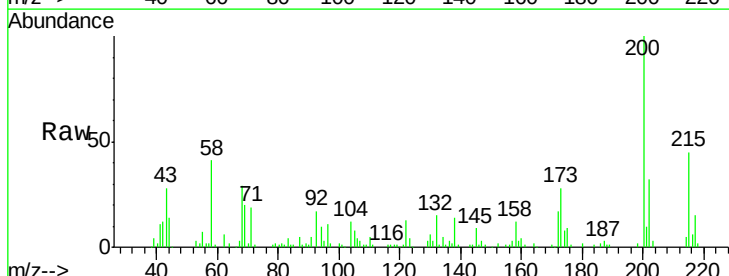
Tgt Ion:200 Resp: 75063

Ion Ratio Lower Upper

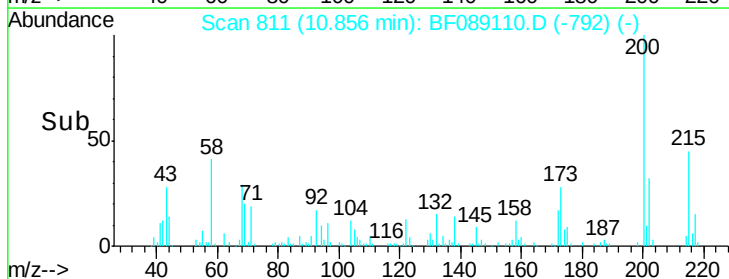
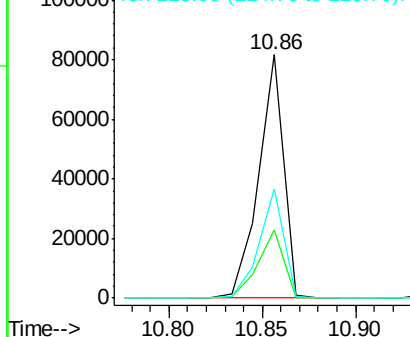
200 100

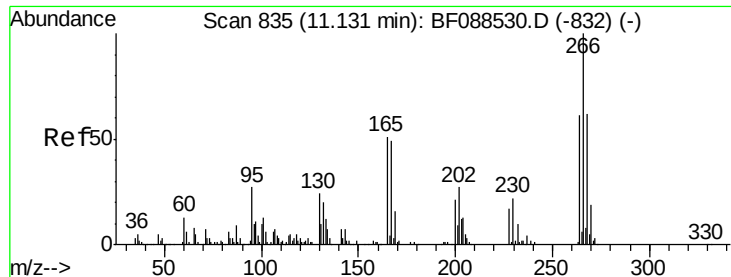
173 28.1 4.0 44.0

215 44.6 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

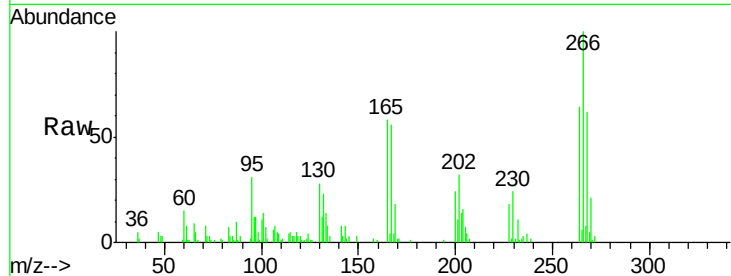




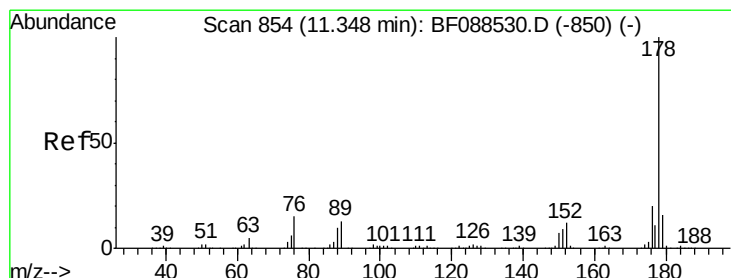
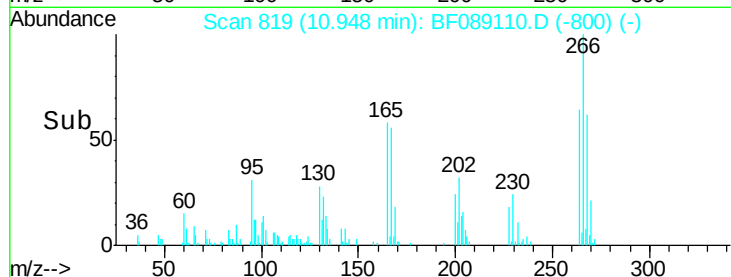
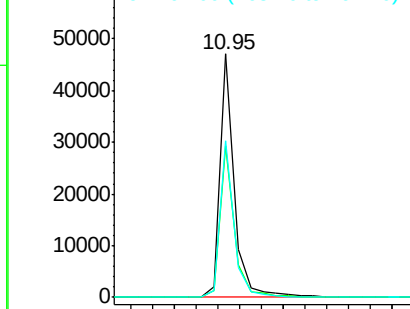
#69
 Pentachlorophenol
 Concen: 34.73 ng
 RT: 10.95 min Scan# 819
 Delta R.T. -0.08 min
 Lab File: BF089110.D
 Acq: 19 Jul 2016 11:16

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:266 Resp: 43282
 Ion Ratio Lower Upper
 266 100
 268 62.1 52.8 79.2
 264 64.2 49.6 74.4

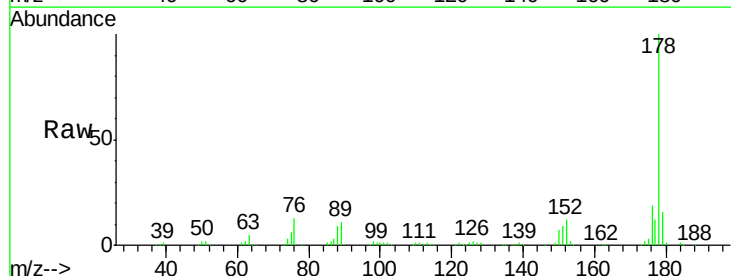


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

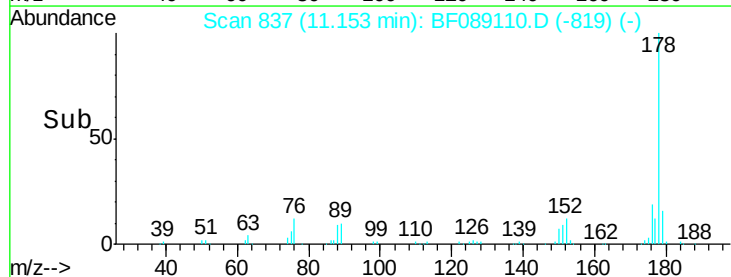
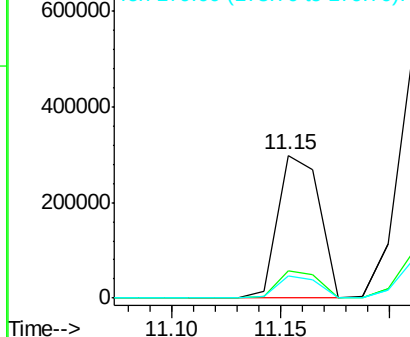


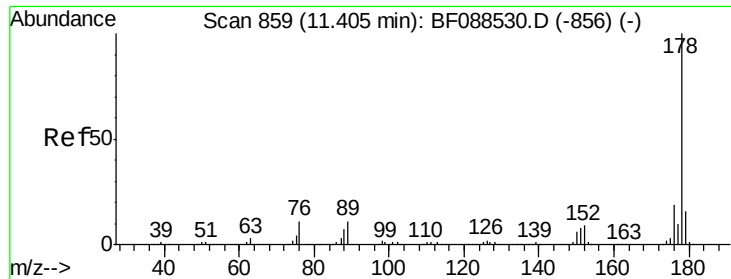
#70
 Phenanthrene
 Concen: 38.87 ng
 RT: 11.15 min Scan# 837
 Delta R.T. -0.09 min
 Lab File: BF089110.D
 Acq: 19 Jul 2016 11:16

Tgt Ion:178 Resp: 401066
 Ion Ratio Lower Upper
 178 100
 176 19.0 15.8 23.6
 179 15.5 13.0 19.4



Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

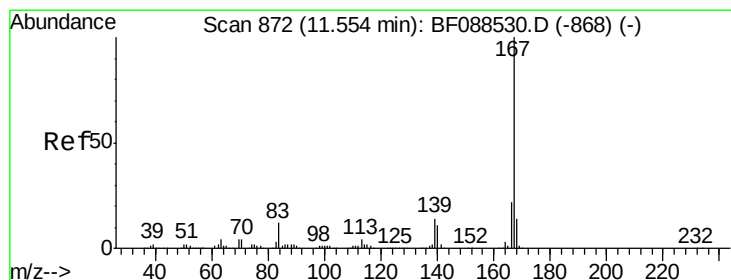
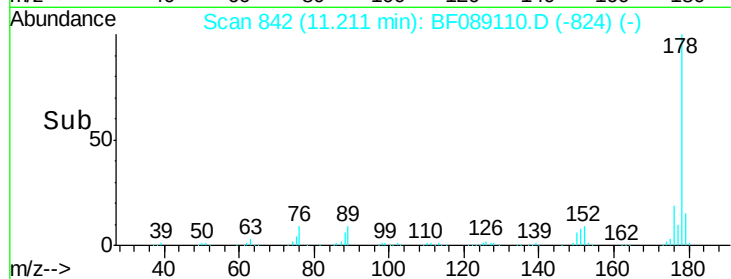
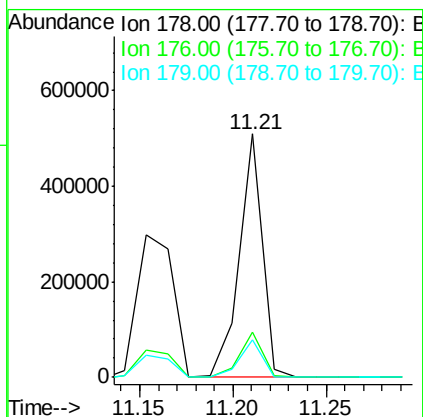
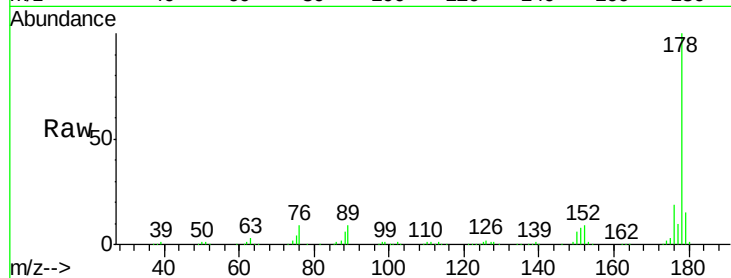




#71
 Anthracene
 Concen: 42.88 ng
 RT: 11.21 min Scan# 842
 Delta R.T. -0.09 min
 Lab File: BF089110.D
 Acq: 19 Jul 2016 11:16

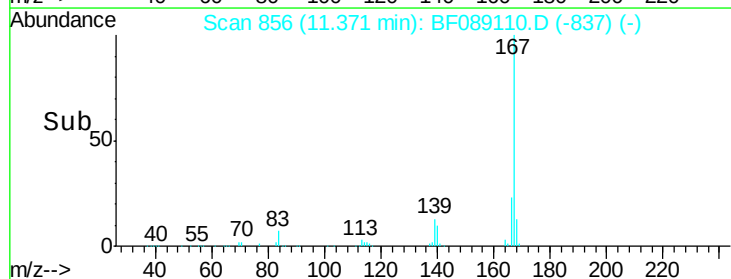
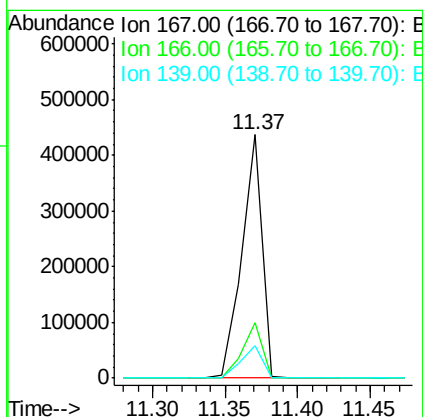
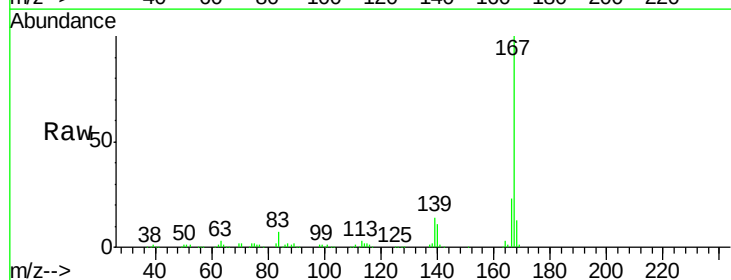
Instrument :
 BNA_F
 ClientSampleId :

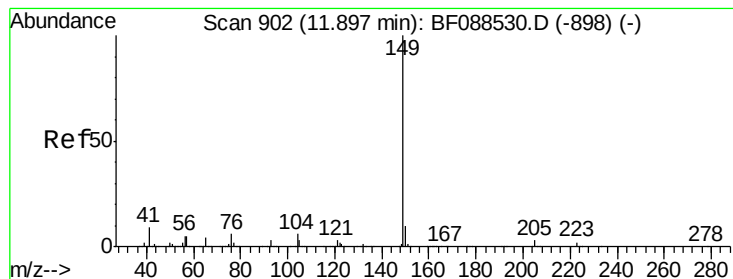
Tot Ion:178 Resp: 439989
 Ion Ratio Lower Upper
 178 100
 176 18.7 15.6 23.4
 179 15.4 12.8 19.2



#72
 Carbazole
 Concen: 43.65 ng
 RT: 11.37 min Scan# 856
 Delta R.T. -0.08 min
 Lab File: BF089110.D
 Acq: 19 Jul 2016 11:16

Tgt Ion:167 Resp: 421556
 Ion Ratio Lower Upper
 167 100
 166 22.6 17.8 26.6
 139 13.5 11.2 16.8





#73

Di-n-butylphthalate

Concen: 41.55 ng

RT: 11.71 min Scan# 886

Delta R.T. -0.08 min

Lab File: BF089110.D

Acq: 19 Jul 2016 11:16

Instrument :

BNA_F

ClientSampleId :

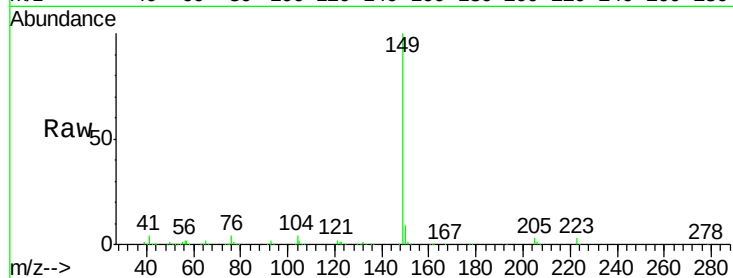
Tot Ion:149 Resp: 466777

Ion Ratio Lower Upper

149 100

150 8.8 7.8 11.6

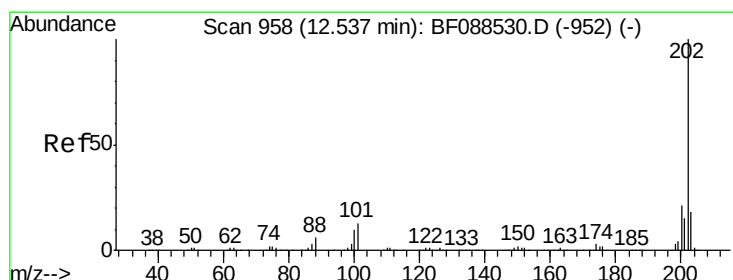
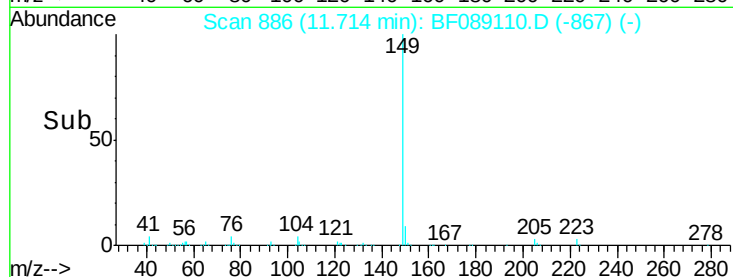
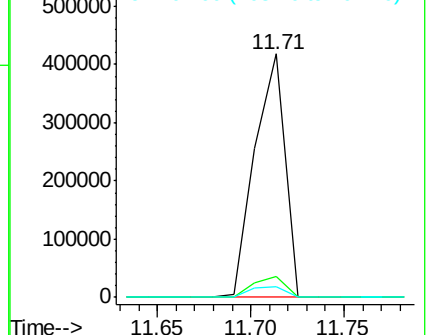
104 4.3 4.0 6.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 44.46 ng

RT: 12.34 min Scan# 941

Delta R.T. -0.08 min

Lab File: BF089110.D

Acq: 19 Jul 2016 11:16

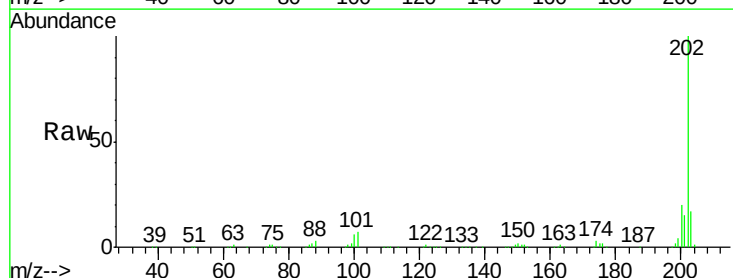
Tgt Ion:202 Resp: 465112

Ion Ratio Lower Upper

202 100

101 7.3 0.0 33.1

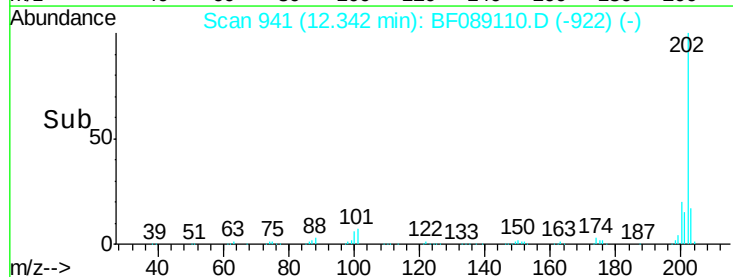
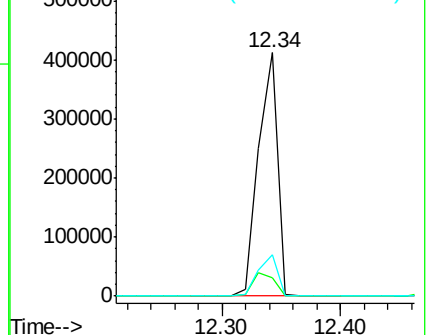
203 17.1 0.0 38.1

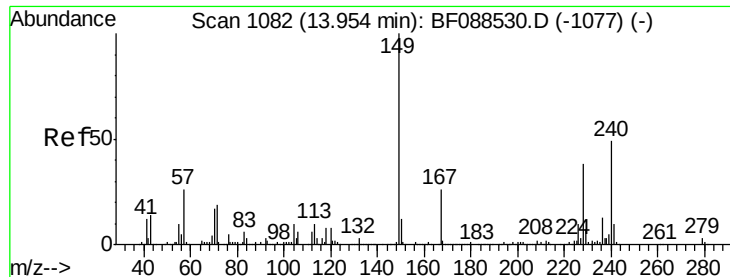


Abundance Ion 202.00 (201.70 to 202.70): E

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: 13.76 min Scan# 1065

Delta R.T. -0.09 min

Lab File: BF089110.D

Acq: 19 Jul 2016 11:16

Instrument :

BNA_F

ClientSampleId :

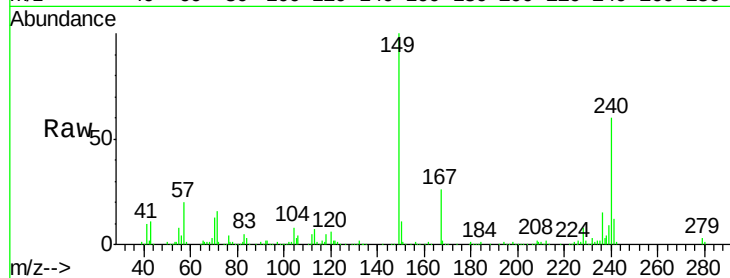
Tot Ion:240 Resp: 142545

Ion Ratio Lower Upper

240 100

120 9.2 6.8 10.2

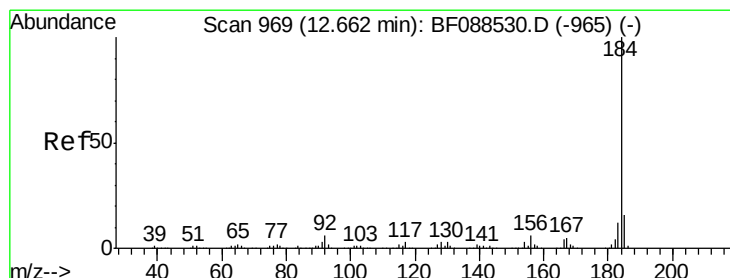
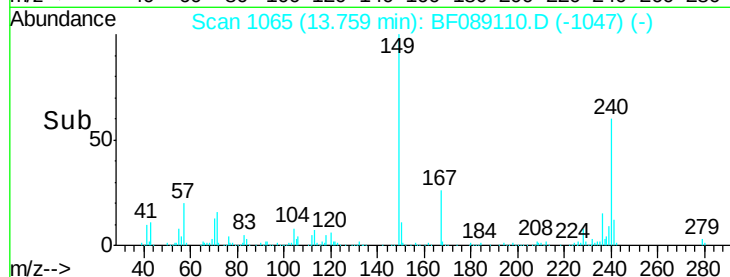
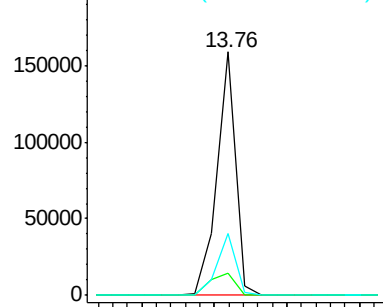
236 25.3 20.2 30.2



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: 45.32 ng

RT: 12.47 min Scan# 952

Delta R.T. -0.08 min

Lab File: BF089110.D

Acq: 19 Jul 2016 11:16

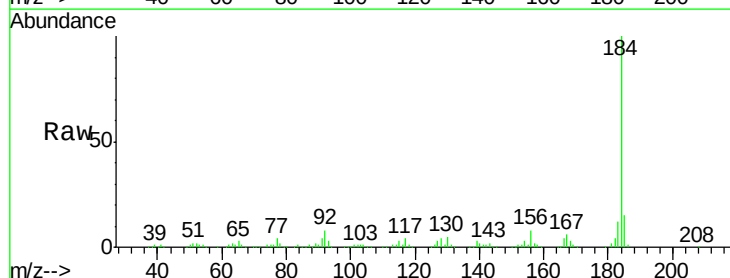
Tgt Ion:184 Resp: 326513

Ion Ratio Lower Upper

184 100

185 14.6 12.5 18.7

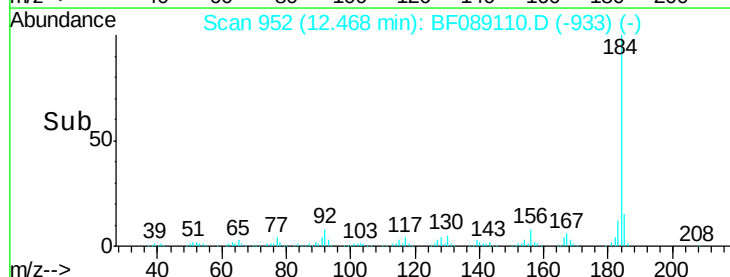
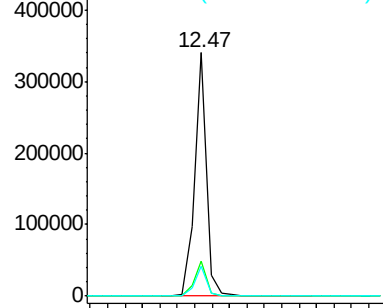
183 12.0 9.3 13.9

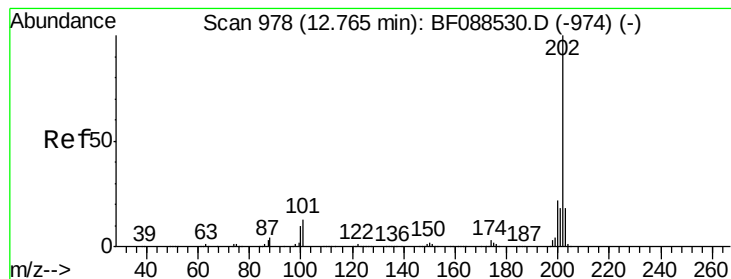


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 34.72 ng

RT: 12.56 min Scan# 960

Delta R.T. -0.09 min

Lab File: BF089110.D

Acq: 19 Jul 2016 11:16

Instrument :

BNA_F

ClientSampleId :

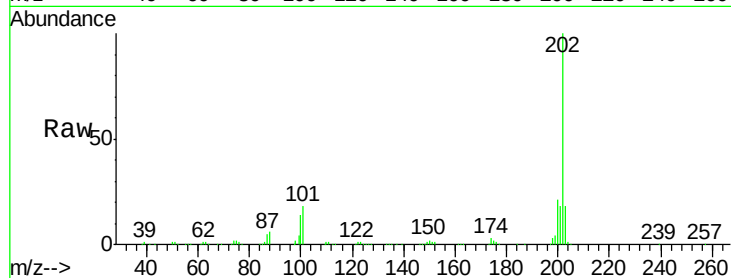
Tot Ion:202 Resp: 419634

Ion Ratio Lower Upper

202 100

200 21.1 17.4 26.2

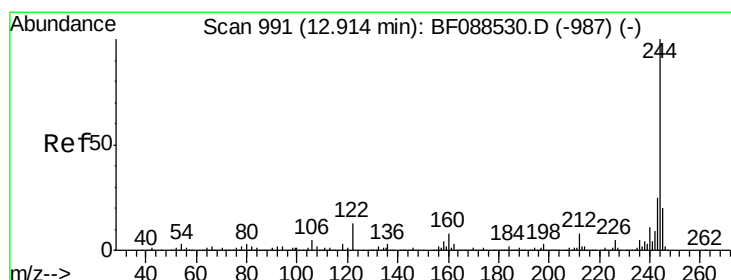
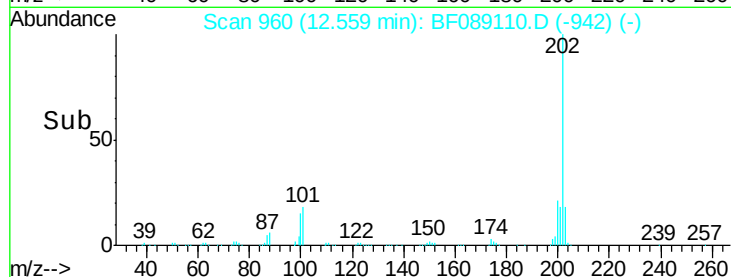
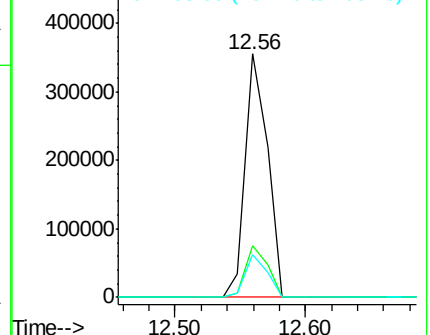
203 17.6 14.5 21.7



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: 79.89 ng

RT: 12.72 min Scan# 974

Delta R.T. -0.08 min

Lab File: BF089110.D

Acq: 19 Jul 2016 11:16

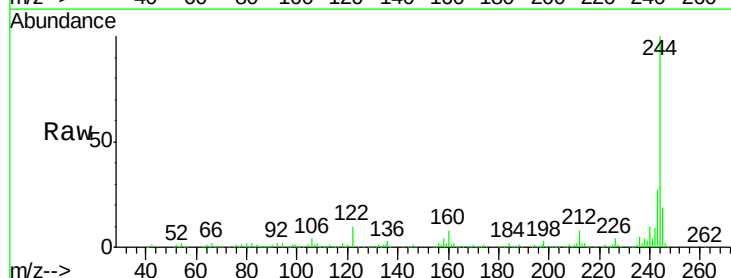
Tgt Ion:244 Resp: 511297

Ion Ratio Lower Upper

244 100

212 7.8 6.0 9.0

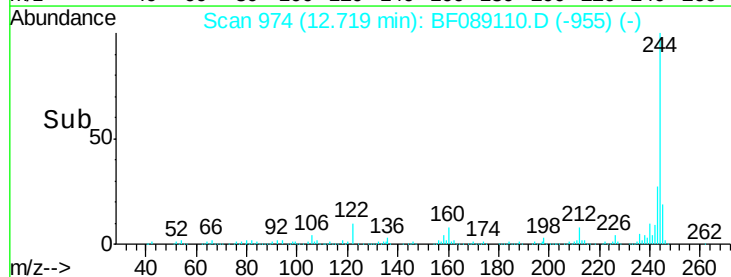
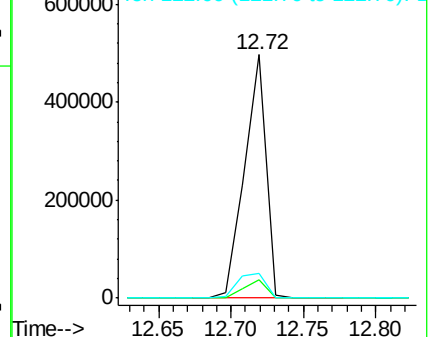
122 10.4 11.2 16.8#

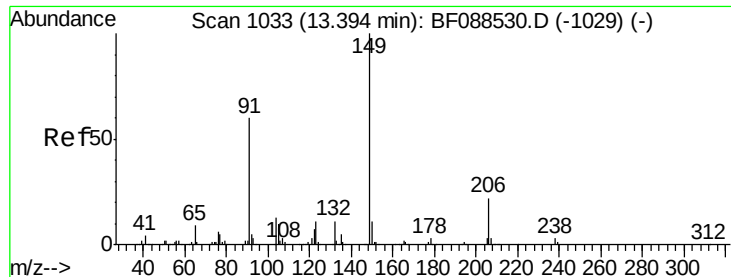


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 32.91 ng

RT: 13.19 min Scan# 1015

Delta R.T. -0.09 min

Lab File: BF089110.D

Acq: 19 Jul 2016 11:16

Instrument :

BNA_F

ClientSampleId :

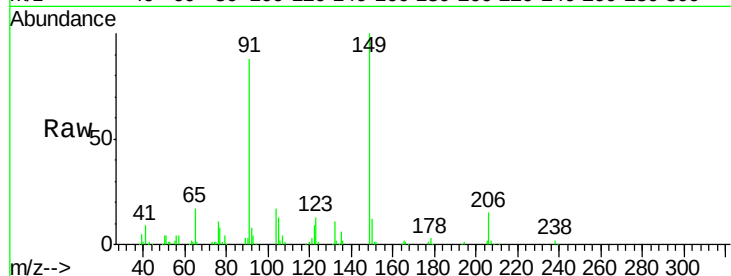
Tot Ion:149 Resp: 177399

Ion Ratio Lower Upper

149 100

91 87.6 48.0 72.0#

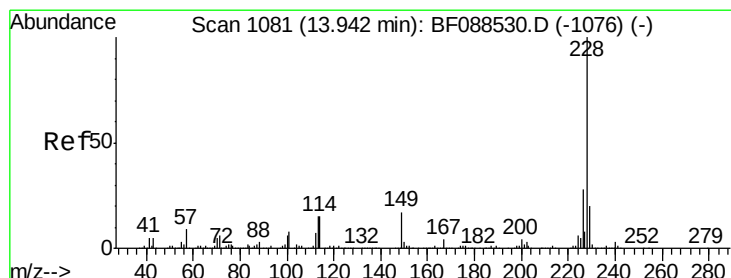
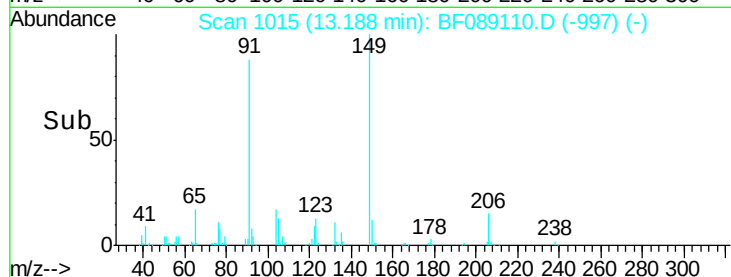
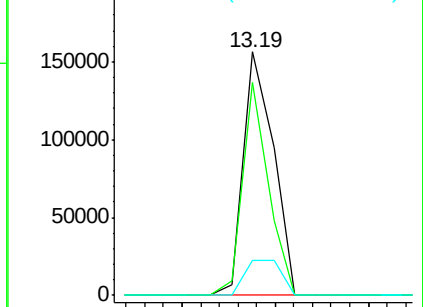
206 14.5 16.0 24.0#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 37.37 ng

RT: 13.75 min Scan# 1064

Delta R.T. -0.09 min

Lab File: BF089110.D

Acq: 19 Jul 2016 11:16

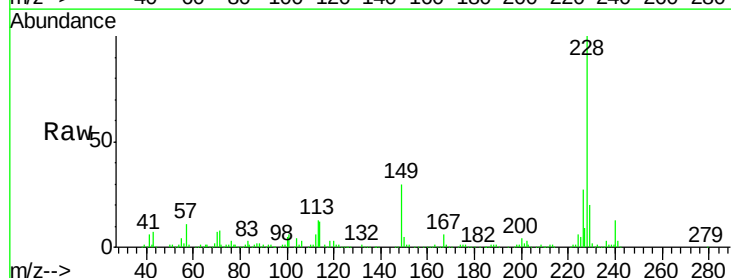
Tgt Ion:228 Resp: 343002

Ion Ratio Lower Upper

228 100

226 27.5 22.3 33.5

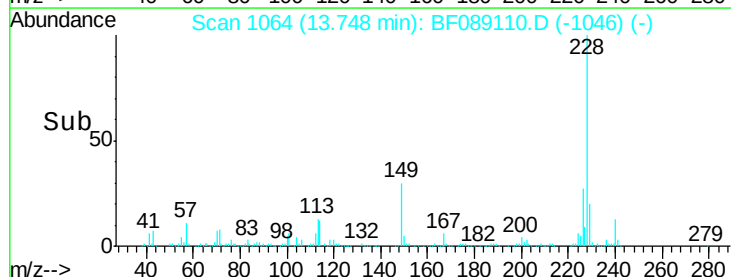
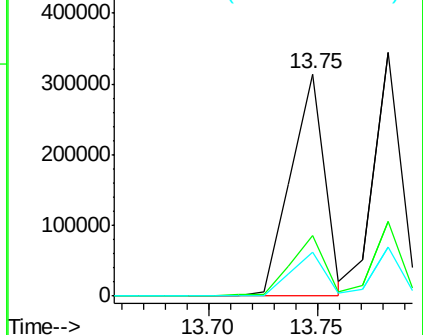
229 19.5 16.0 24.0

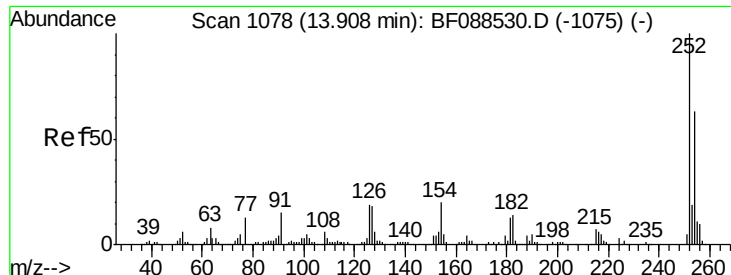


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

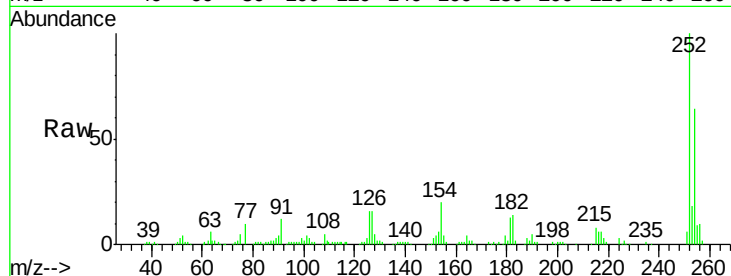




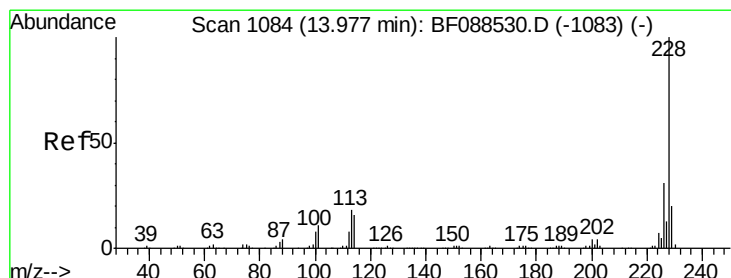
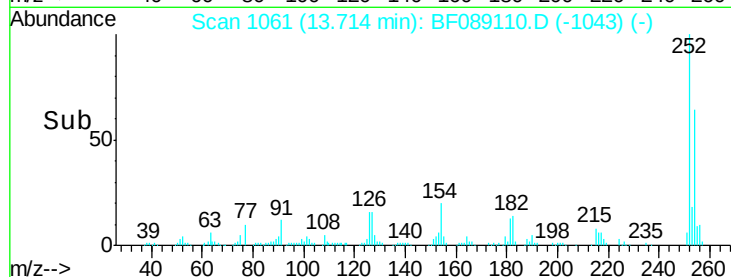
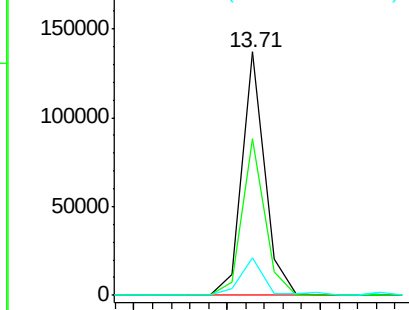
#81
 3,3'-Dichlorobenzidine
 Concen: 33.79 ng
 RT: 13.71 min Scan# 1061
 Delta R.T. -0.09 min
 Lab File: BF089110.D
 Acq: 19 Jul 2016 11:16

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:252 Resp: 116619
 Ion Ratio Lower Upper
 252 100
 254 64.3 52.6 78.8
 126 15.7 6.2 9.2#

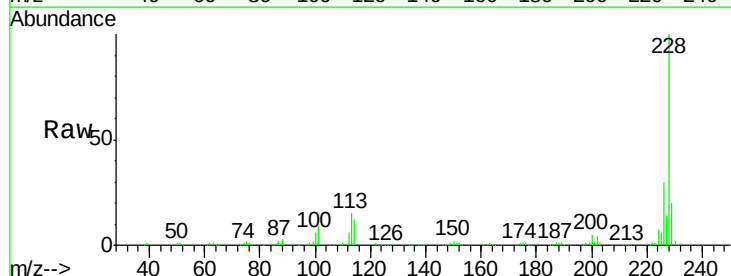


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

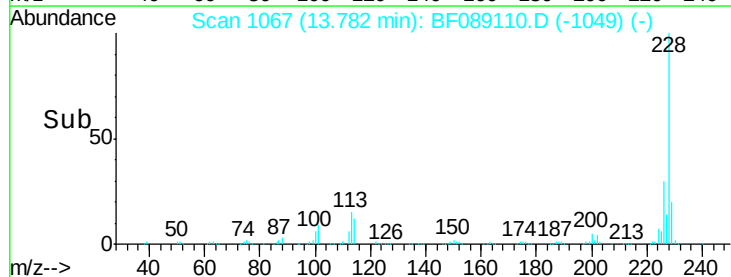
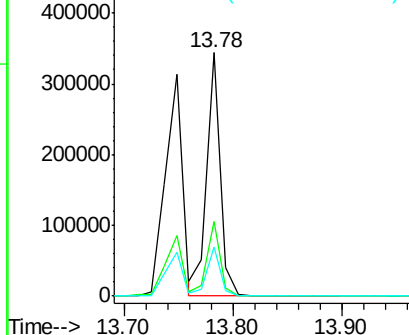


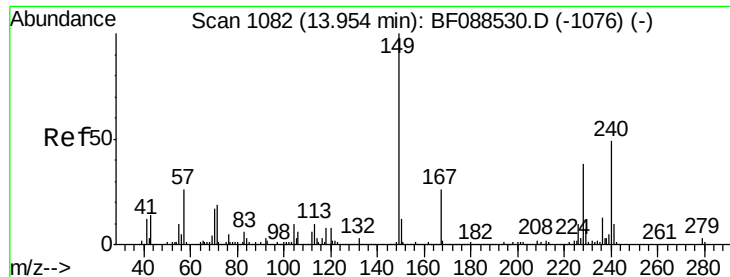
#82
 Chrysene
 Concen: 33.26 ng
 RT: 13.78 min Scan# 1067
 Delta R.T. -0.09 min
 Lab File: BF089110.D
 Acq: 19 Jul 2016 11:16

Tgt Ion:228 Resp: 302077
 Ion Ratio Lower Upper
 228 100
 226 30.5 25.4 38.2
 229 20.1 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

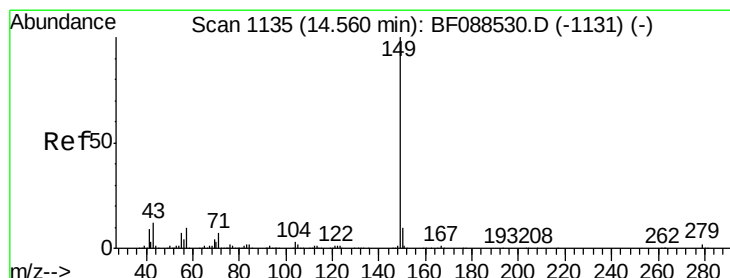
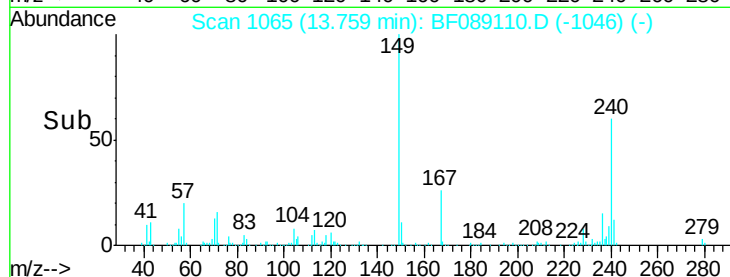
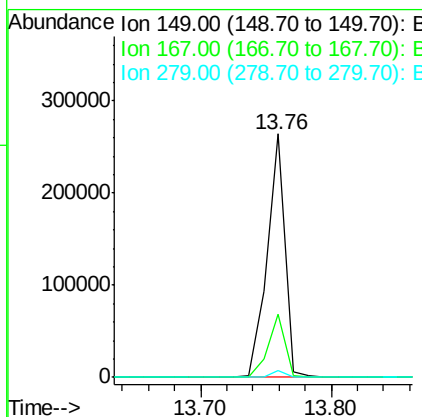
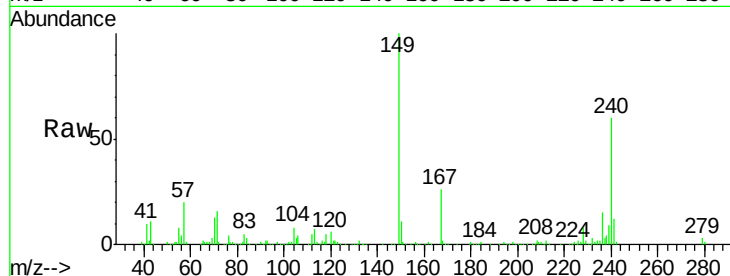




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 41.06 ng
 RT: 13.76 min Scan# 1065
 Delta R.T. -0.08 min
 Lab File: BF089110.D
 Acq: 19 Jul 2016 11:16

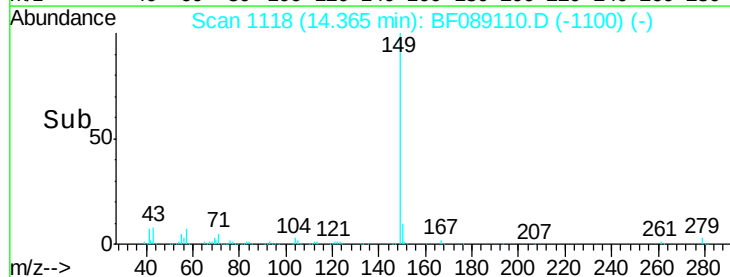
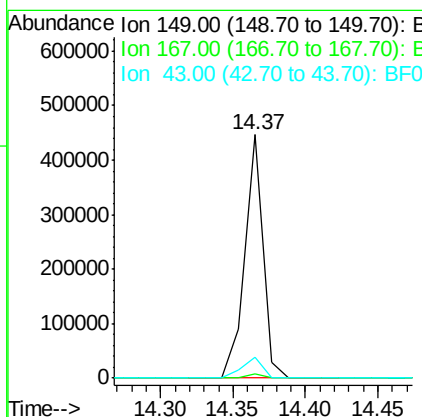
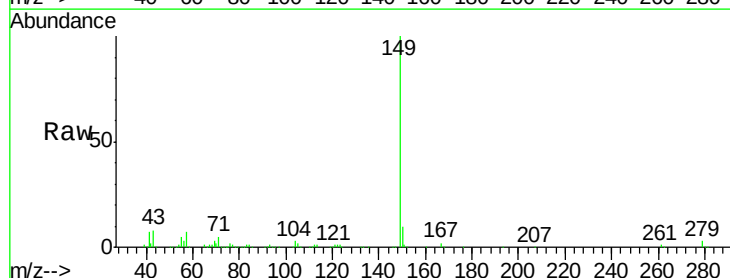
Instrument :
 BNA_F
 ClientSampleId :

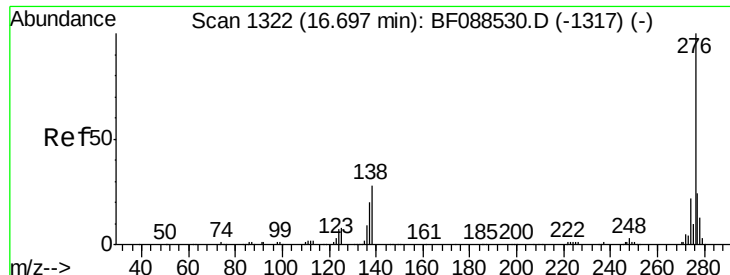
Tot Ion:149 Resp: 252699
 Ion Ratio Lower Upper
 149 100
 167 25.7 20.5 30.7
 279 3.0 2.0 3.0#



#84
 Di-n-octyl phthalate
 Concen: 37.15 ng
 RT: 14.37 min Scan# 1118
 Delta R.T. -0.09 min
 Lab File: BF089110.D
 Acq: 19 Jul 2016 11:16

Tgt Ion:149 Resp: 388485
 Ion Ratio Lower Upper
 149 100
 167 1.6 0.0 0.0#
 43 9.7 0.0 0.0#

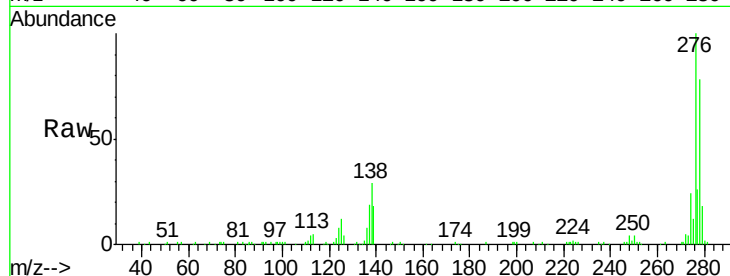




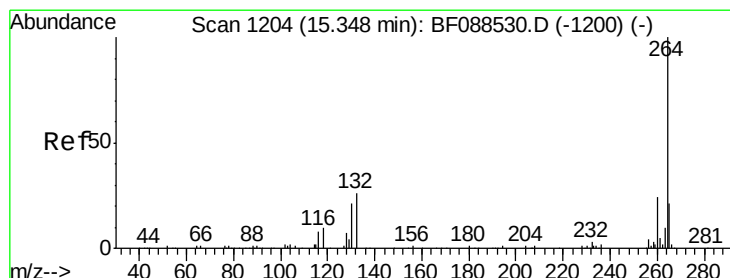
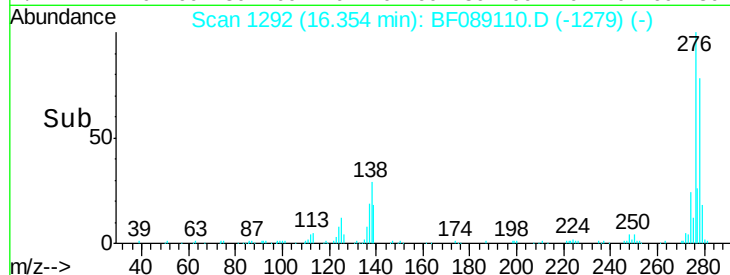
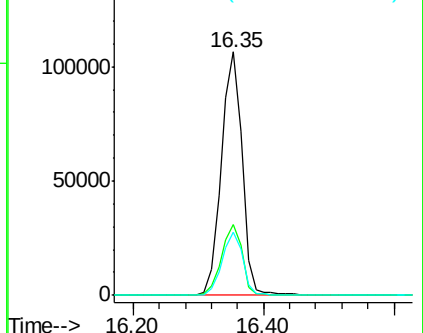
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 33.80 ng
 RT: 16.35 min Scan# 1292
 Delta R.T. -0.15 min
 Lab File: BF089110.D
 Acq: 19 Jul 2016 11:16

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
138	29.2	0.0	0.0#
277	25.7	0.0	0.0#

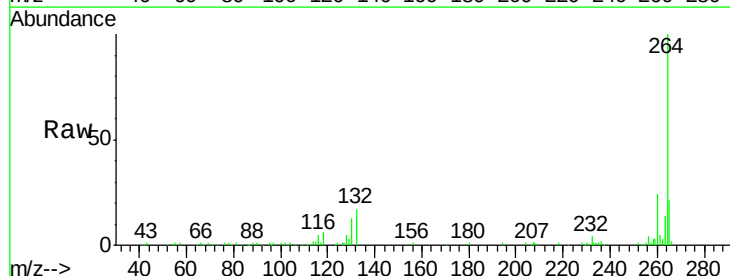


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

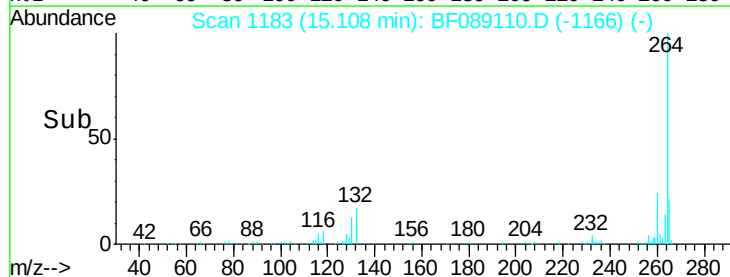
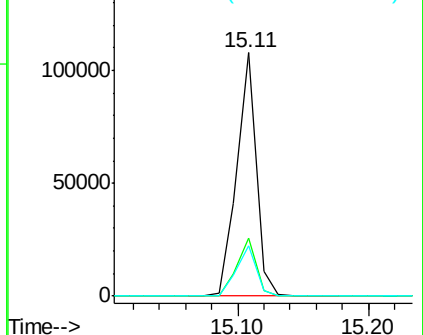


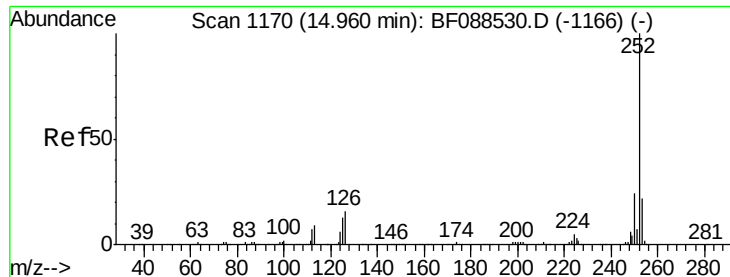
#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.11 min Scan# 1183
 Delta R.T. -0.10 min
 Lab File: BF089110.D
 Acq: 19 Jul 2016 11:16

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.2	28.8
265	20.9	16.9	25.3



Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 75.63 ng

RT: 14.74 min Scan# 1151

Delta R.T. -0.09 min

Lab File: BF089110.D

Acq: 19 Jul 2016 11:16

Instrument :

BNA_F

ClientSampleId :

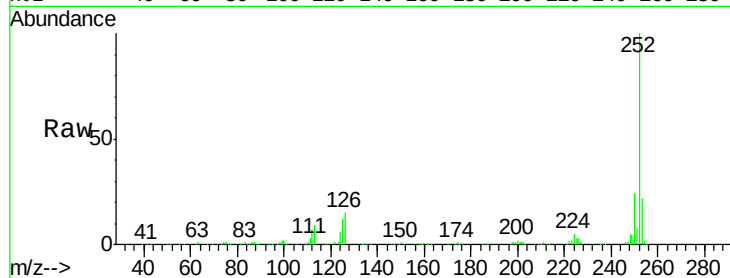
Tot Ion:252 Resp: 531085

Ion Ratio Lower Upper

252 100

253 22.3 17.4 26.2

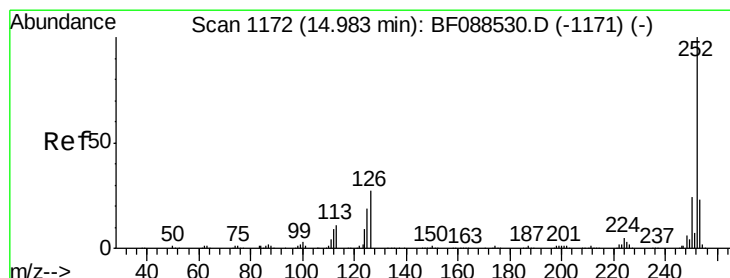
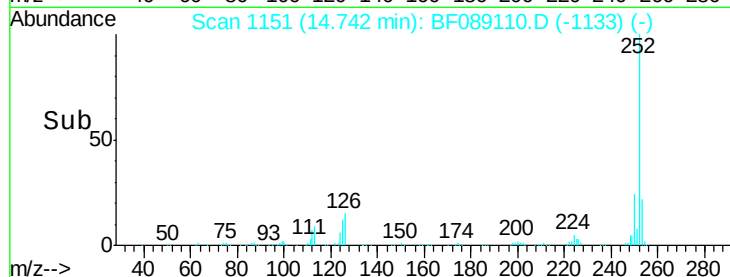
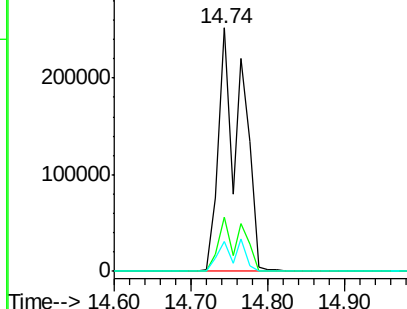
125 12.1 7.1 10.7#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 86.88 ng

RT: 14.74 min Scan# 1151

Delta R.T. -0.13 min

Lab File: BF089110.D

Acq: 19 Jul 2016 11:16

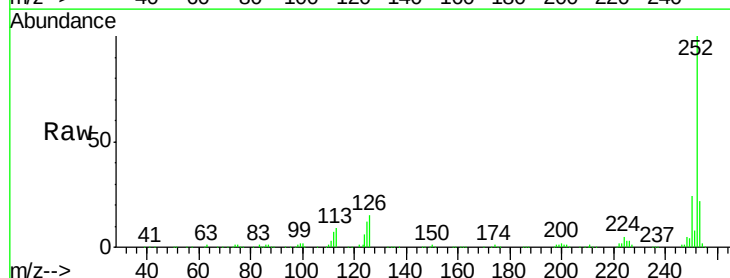
Tgt Ion:252 Resp: 531085

Ion Ratio Lower Upper

252 100

253 22.3 18.0 27.0

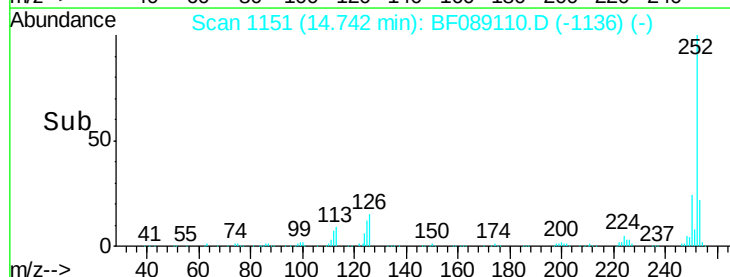
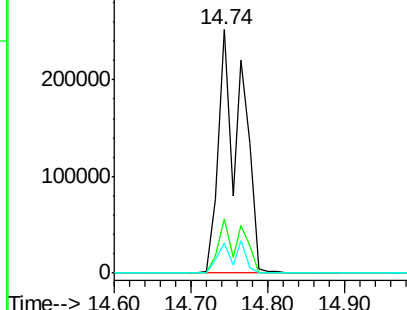
125 12.1 11.2 16.8

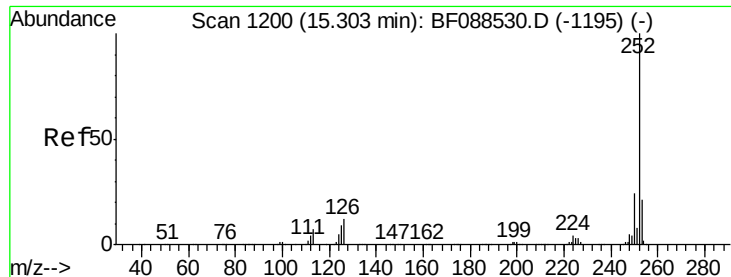


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

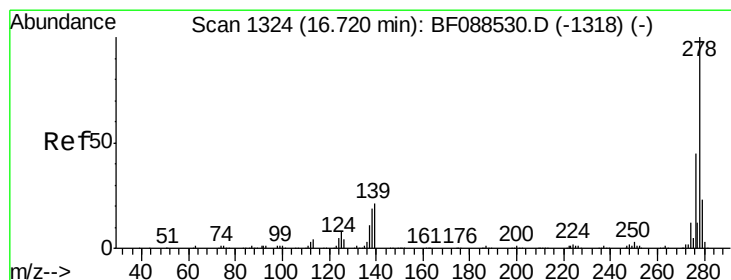
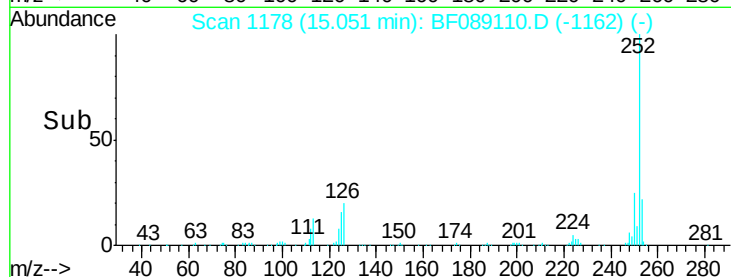
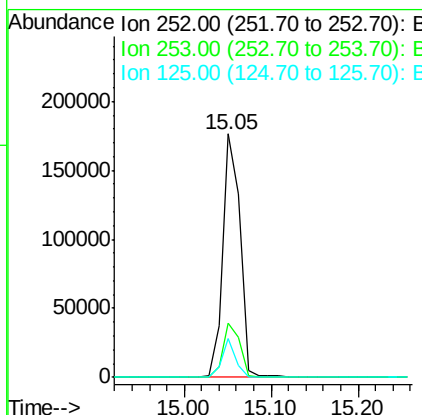
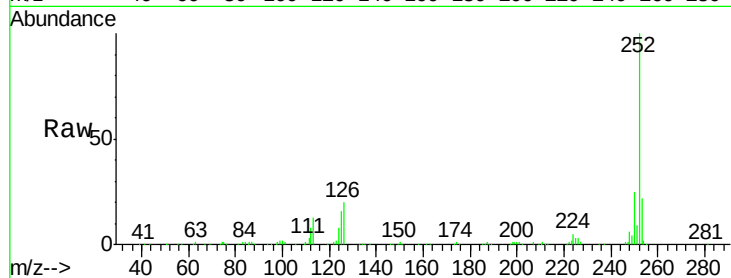




#89
Benzo(a)pyrene
Concen: 41.26 ng
RT: 15.05 min Scan# 1178
Delta R.T. -0.11 min
Lab File: BF089110.D
Acq: 19 Jul 2016 11:16

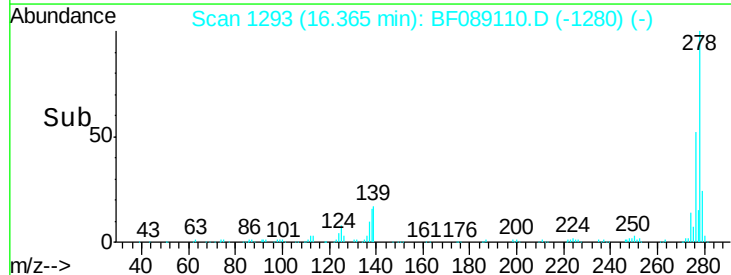
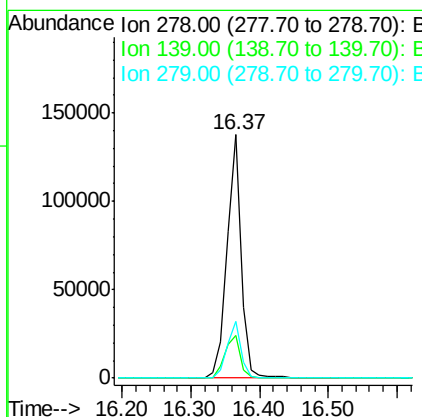
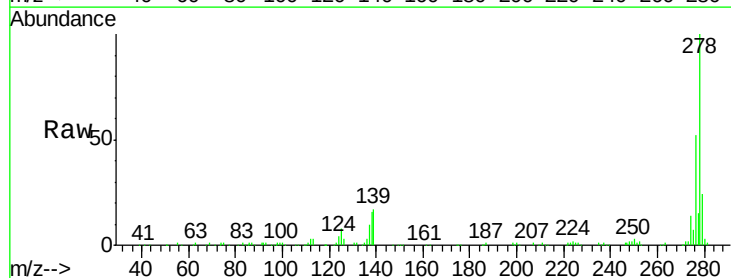
Instrument :
BNA_F
ClientSampleId :

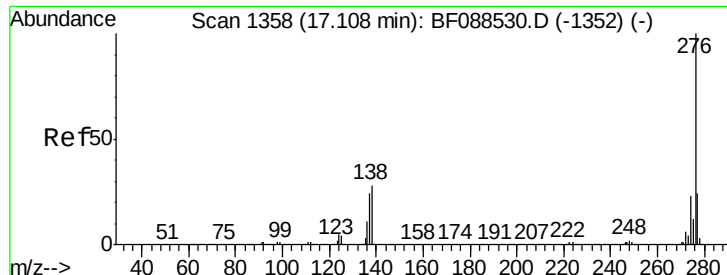
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.9	26.9
125	15.9	12.5	18.7



#90
Dibenzo(a,h)anthracene
Concen: 41.01 ng
RT: 16.37 min Scan# 1293
Delta R.T. -0.15 min
Lab File: BF089110.D
Acq: 19 Jul 2016 11:16

Tgt Ion	Ratio	Lower	Upper
278	100		
139	17.3	15.7	23.5
279	23.5	19.4	29.2





#91

Benzo(a,h,i)perylene

Concen: 39.90 ng

RT: 16.72 min Scan# 1324

Delta R.T. -0.17 min

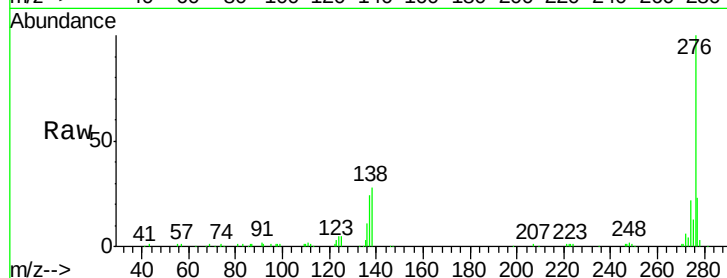
Lab File: BF089110.D

Acq: 19 Jul 2016 11:16

Instrument :

BNA_F

ClientSampleId :



Tot Ion: 276 Resp: 204986

Ion Ratio Lower Upper

276 100

277 23.2 18.9 28.3

138 27.5 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

