

Data Path : Z:\HPCHEM1\BNA F\DATA\BF090116\
 Data File : BF089965.D
 Acq On : 1 Sep 2016 12:11
 Operator : UM/SJ
 Sample : PB93161BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 01 13:54:42 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF083116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 31 11:55:18 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.64	152	181337	20.00	ng	0.00
21) Naphthalene-d8	7.92	136	684145	20.00	ng	-0.01
38) Acenaphthene-d10	9.67	164	336064	20.00	ng	0.00
63) Phenanthrene-d10	11.14	188	572920	20.00	ng	0.00
75) Chrysene-d12	13.76	240	408444	20.00	ng	0.00
86) Perylene-d12	15.10	264	408730	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.22	112	1363039	120.31	ng	0.01
7) Phenol-d6	6.28	99	1624476	118.01	ng	0.01
23) Nitrobenzene-d5	7.21	82	1056980	89.60	ng	0.00
41) 2,4,6-Tribromophenol	10.46	330	387412	116.85	ng	0.00
44) 2-Fluorobiphenyl	9.00	172	1895767	92.60	ng	0.00
78) Terphenyl-d14	12.72	244	1358724	82.18	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.17	88	202170	37.66	ng	97
3) Pyridine	2.80	79	546811	38.18	ng	97
4) n-Nitrosodimethylamine	2.76	42	321778	45.56	ng	95
6) Aniline	6.30	93	478149	25.46	ng	# 53
8) 2-Chlorophenol	6.42	128	538229	43.79	ng	94
9) Benzaldehyde	6.17	77	100383	11.30	ng	87
10) Phenol	6.30	94	555504	34.70	ng	93
11) bis(2-Chloroethyl)ether	6.39	93	543394	44.86	ng	85
12) 1,3-Dichlorobenzene	6.58	146	603869	43.99	ng	100
13) 1,4-Dichlorobenzene	6.65	146	581778	41.42	ng	100
14) 1,2-Dichlorobenzene	6.81	146	574558	45.63	ng	98
15) Benzyl Alcohol	6.79	79	389988	45.22	ng	99
16) 2,2'-oxybis(1-Chloropropan	6.94	45	1038138	44.95	ng	98
17) 2-Methylphenol	6.91	107	480807	48.98	ng	98
18) Hexachloroethane	7.15	117	207097	43.05	ng	95
19) n-Nitroso-di-n-propylamine	7.07	70	397150	44.27	ng	98
20) 3+4-Methylphenols	7.06	107	514493	43.24	ng	95
22) Acetophenone	7.05	105	650381	42.38	ng	# 94
24) Nitrobenzene	7.22	77	520052	41.47	ng	96
25) Isophorone	7.47	82	1077812	44.93	ng	100
26) 2-Nitrophenol	7.54	139	278979	46.54	ng	99
27) 2,4-Dimethylphenol	7.60	122	528235	47.63	ng	93
28) bis(2-Chloroethoxy)methane	7.69	93	713719	49.33	ng	99
29) 2,4-Dichlorophenol	7.78	162	456108	45.88	ng	97
30) 1,2,4-Trichlorobenzene	7.87	180	521724	48.00	ng	99
31) Naphthalene	7.94	128	1450997	42.57	ng	100
32) Benzoic acid	7.71	122	243349	32.58	ng	96
33) 4-Chloroaniline	8.00	127	281435	20.47	ng	95
34) Hexachlorobutadiene	8.07	225	284080	44.60	ng	98
35) Caprolactam	8.36	113	142194	45.31	ng	91
36) 4-Chloro-3-methylphenol	8.49	107	479980	45.59	ng	86
37) 2-Methylnaphthalene	8.64	142	1098552	48.78	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.80	216	375069	38.10	ng	100
40) Hexachlorocyclopentadiene	8.79	237	384782	76.23	ng	94

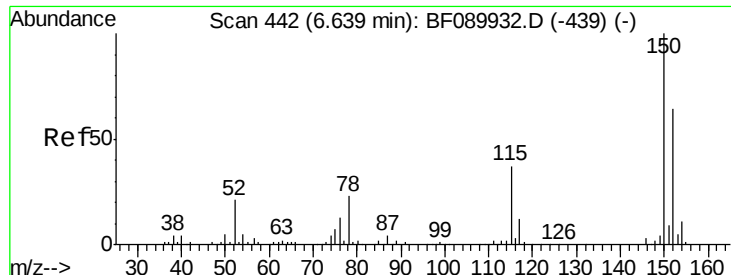
Data Path : Z:\HPCHEM1\BNA F\DATA\BF090116\
 Data File : BF089965.D
 Acq On : 1 Sep 2016 12:11
 Operator : UM/SJ
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 31 11:55:18 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.91	196	324082	47.50	nq	99
43) 2,4,5-Trichlorophenol	8.96	196	316040	48.17	nq	# 91
45) 1,1'-Biphenyl	9.10	154	1040131	38.44	nq	99
46) 2-Chloronaphthalene	9.12	162	903846	47.22	nq	99
47) 2-Nitroaniline	9.22	65	313999	50.18	nq	# 60
48) Acenaphthylene	9.53	152	1385621	43.78	nq	100
49) Dimethylphthalate	9.40	163	1093147	45.00	nq	100
50) 2,6-Dinitrotoluene	9.46	165	234772	43.46	nq	96
51) Acenaphthene	9.70	154	950701	47.41	nq	100
52) 3-Nitroaniline	9.62	138	158126	25.66	nq	95
53) 2,4-Dinitrophenol	9.74	184	185741	58.19	nq	# 60
54) Dibenzofuran	9.87	168	1235741	45.99	nq	100
55) 4-Nitrophenol	9.79	139	344012	74.02	nq	# 63
56) 2,4-Dinitrotoluene	9.86	165	305689	44.62	nq	89
57) Fluorene	10.22	166	967343	49.27	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.00	232	260406	46.36	nq	96
59) Diethylphthalate	10.10	149	1020937	44.68	nq	100
60) 4-Chlorophenyl-phenylether	10.22	204	448065	48.49	nq	98
61) 4-Nitroaniline	10.24	138	259353	42.84	nq	98
62) Azobenzene	10.36	77	1062836	46.57	nq	99
64) 4,6-Dinitro-2-methylphenol	10.26	198	126477	34.48	nq	95
65) n-Nitrosodiphenylamine	10.33	169	821907	47.72	nq	99
66) 4-Bromophenyl-phenylether	10.70	248	288558	50.03	nq	98
67) Hexachlorobenzene	10.75	284	291693	44.27	nq	97
68) Atrazine	10.87	200	289340	50.32	nq	91
69) Pentachlorophenol	10.95	266	295293	83.31	nq	98
70) Phenanthrene	11.16	178	1347735	47.24	nq	99
71) Anthracene	11.21	178	1318629	45.57	nq	99
72) Carbazole	11.37	167	1150165	42.39	nq	100
73) Di-n-butylphthalate	11.73	149	1519016	48.03	nq	# 97
74) Fluoranthene	12.34	202	1329535	44.47	nq	98
76) Benzidine	12.47	184	446143	28.83	nq	96
77) Pyrene	12.56	202	1283002	44.55	nq	99
79) Butylbenzylphthalate	13.20	149	552896	47.61	nq	97
80) Benzo(a)anthracene	13.75	228	1174220	46.94	nq	99
81) 3,3'-Dichlorobenzidine	13.71	252	319901	35.43	nq	98
82) Chrysene	13.78	228	1086848	46.51	nq	99
83) Bis(2-ethylhexyl)phthalate	13.77	149	768621	47.85	nq	100
84) Di-n-octyl phthalate	14.38	149	1336055	51.53	nq	100
85) Indeno(1,2,3-cd)pyrene	16.33	276	1095989	63.44	nq	99
87) Benzo(b)fluoranthene	14.77	252	2173501	84.88	nq	# 97
88) Benzo(k)fluoranthene	14.77	252	2175026	100.10	nq	# 98
89) Benzo(a)pyrene	15.05	252	1075342	49.02	nq	# 97
90) Dibenzo(a,h)anthracene	16.35	278	937981	58.35	nq	100
91) Benzo(g,h,i)perylene	16.70	276	901233	55.70	nq	# 93

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.64 min Scan# 442

Delta R.T. 0.00 min

Lab File: BF089965.D

Acq: 1 Sep 2016 12:11

Instrument :

BNA_F

ClientSampleId :

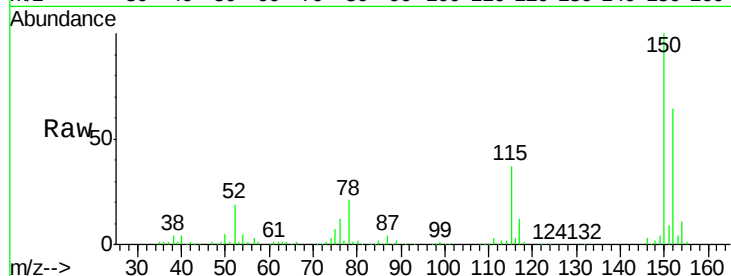
Tot Ion:152 Resp: 181337

Ion Ratio Lower Upper

152 100

150 157.2 127.4 191.2

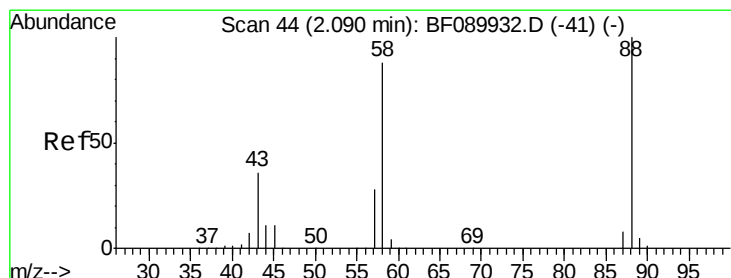
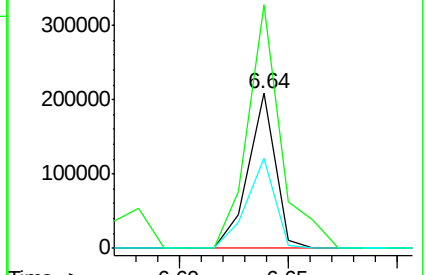
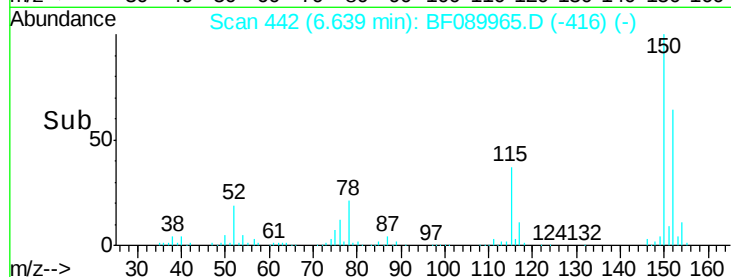
115 58.0 46.3 69.5



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



#2

1,4-Dioxane

Concen: 37.66 ng

RT: 2.17 min Scan# 51

Delta R.T. 0.08 min

Lab File: BF089965.D

Acq: 1 Sep 2016 12:11

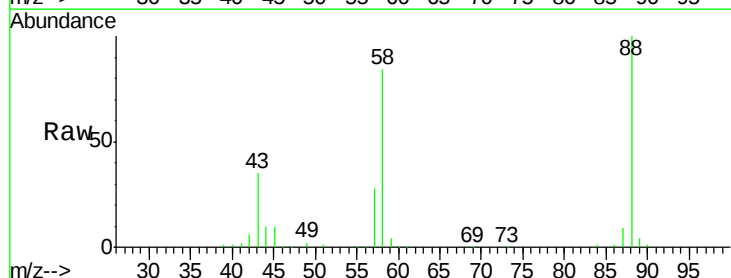
Tgt Ion: 88 Resp: 202170

Ion Ratio Lower Upper

88 100

58 84.5 68.8 103.2

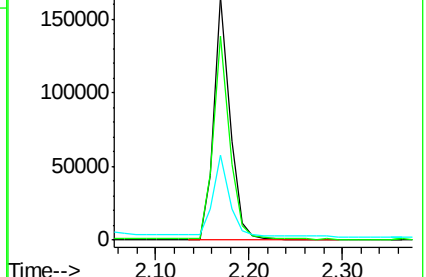
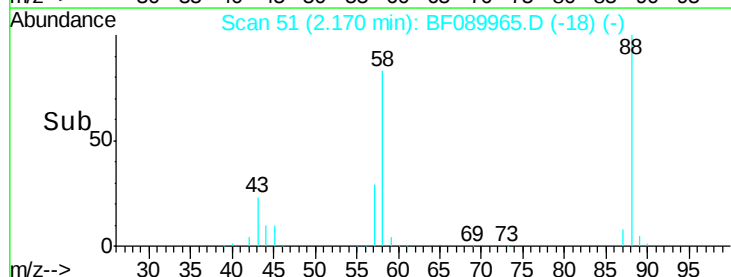
43 37.3 27.0 40.6

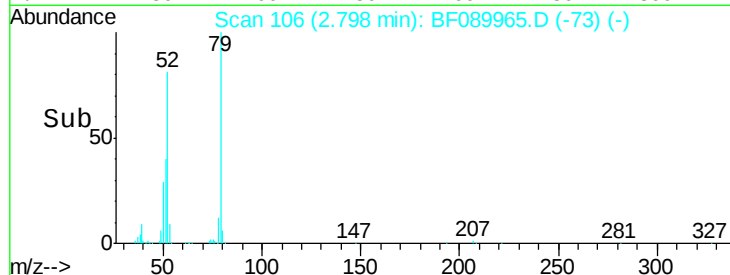
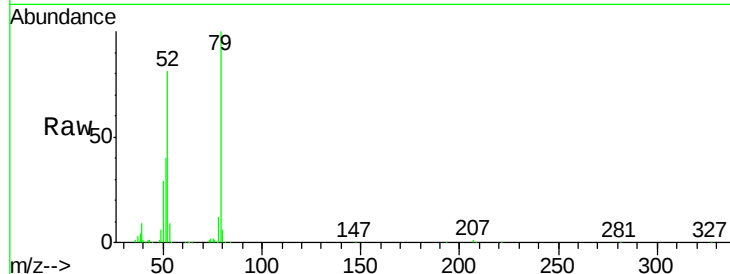
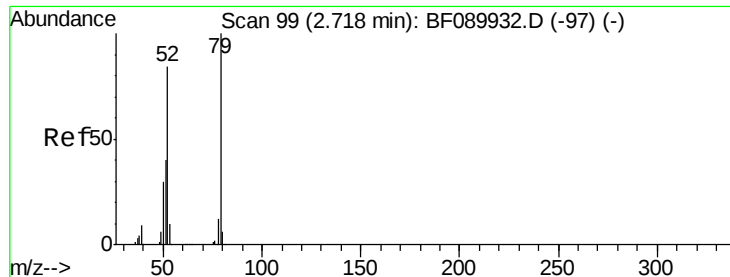


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

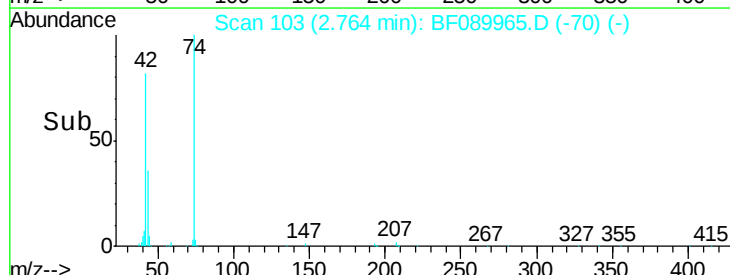
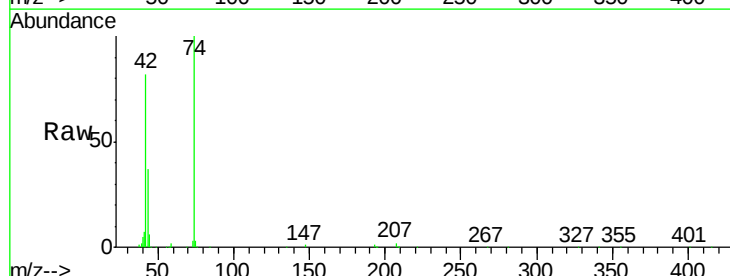
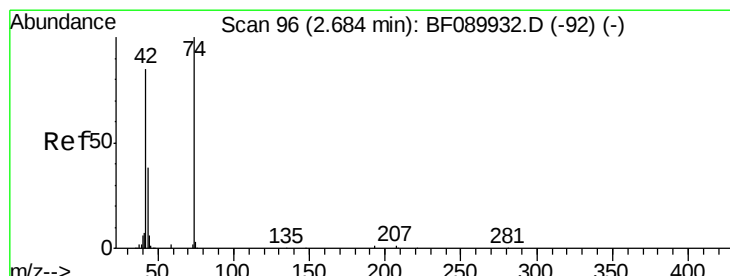
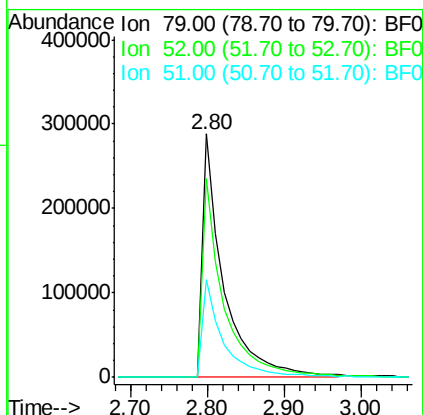
Ion 43.00 (42.70 to 43.70): BF0





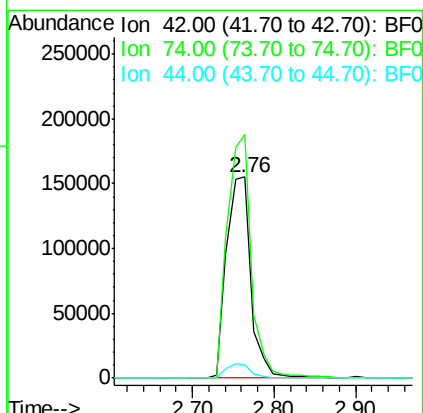
#3
 Pvrindine
 Concen: 38.18 ng
 RT: 2.80 min Scan# 106
 Delta R.T. 0.08 min
 Lab File: BF089965.D
 Acq: 1 Sep 2016 12:11

Tot Ion:	79	Resp:	546811
Ion	Ratio	Lower	Upper
79	100		
52	81.5	67.8	101.6
51	40.1	32.9	49.3



#4
 n-Nitrosodimethylamine
 Concen: 45.56 ng
 RT: 2.76 min Scan# 103
 Delta R.T. 0.08 min
 Lab File: BF089965.D
 Acq: 1 Sep 2016 12:11

Tgt Ion:	42	Resp:	321778
Ion	Ratio	Lower	Upper
42	100		
74	121.2	92.0	138.0
44	6.9	5.8	8.8





#5

2-Fluorophenol

Concen: 120.31 ng

RT: 5.22 min Scan# 318

Delta R.T. 0.01 min

Lab File: BF089965.D

Acq: 1 Sep 2016 12:11

Instrument :
BNA_F
ClientSampled :

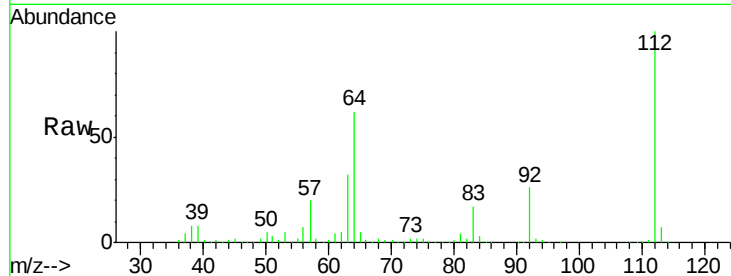
Tot Ion:112 Resp: 1363039

Ion Ratio Lower Upper

112 100

64 61.9 41.1 61.7#

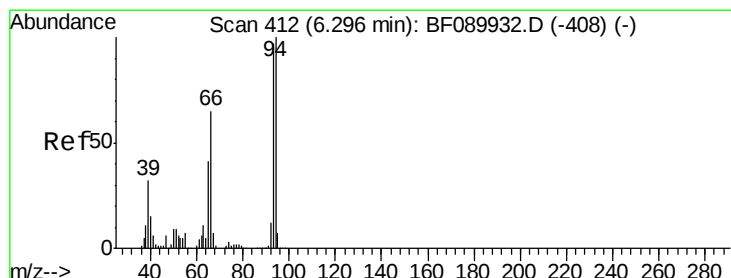
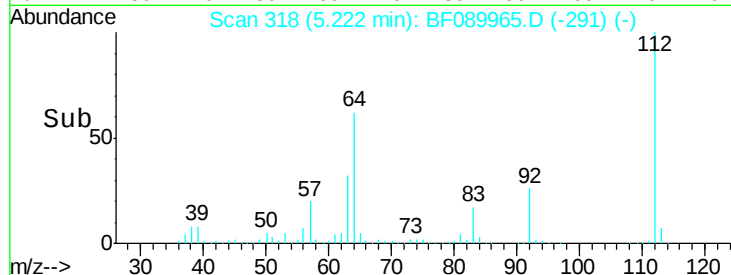
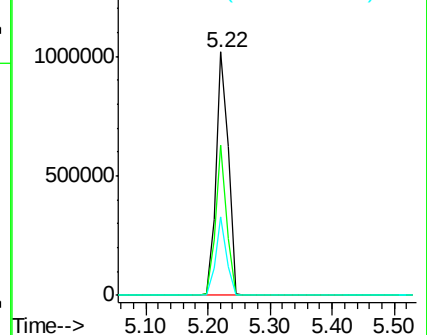
63 32.2 21.2 31.8#



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 25.46 ng

RT: 6.30 min Scan# 412

Delta R.T. 0.00 min

Lab File: BF089965.D

Acq: 1 Sep 2016 12:11

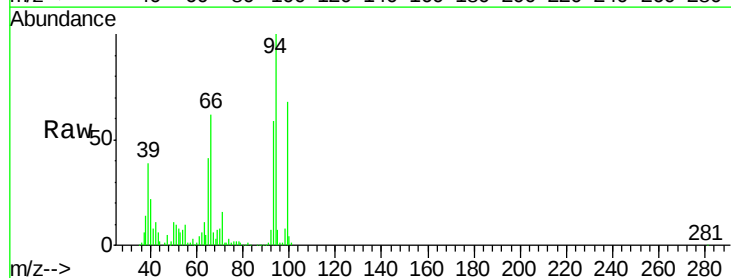
Tgt Ion: 93 Resp: 478149

Ion Ratio Lower Upper

93 100

66 105.0 52.9 79.3#

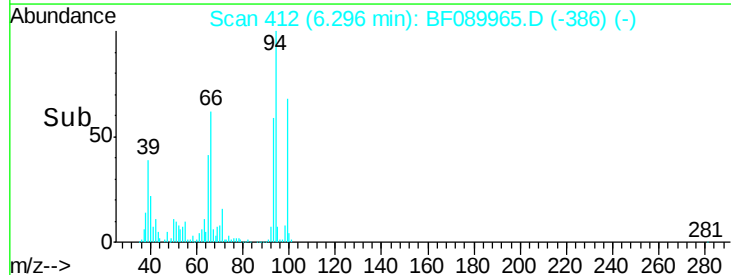
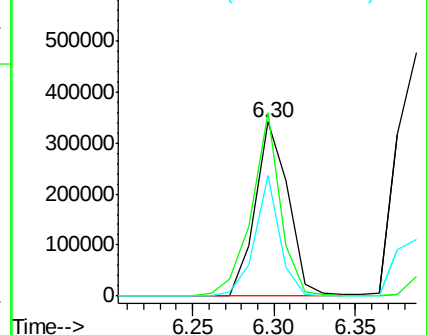
65 69.3 33.0 49.6#

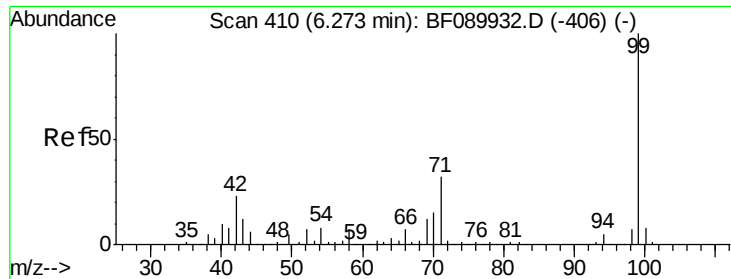


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 118.01 ng

RT: 6.28 min Scan# 411

Delta R.T. 0.01 min

Lab File: BF089965.D

Acq: 1 Sep 2016 12:11

Instrument :

BNA_F

ClientSampleId :

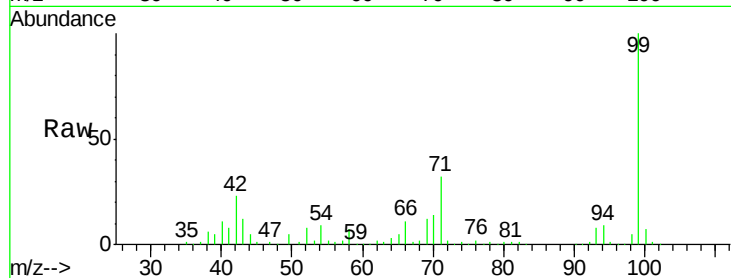
Tot Ion: 99 Resp: 1624476

Ion Ratio Lower Upper

99 100

42 22.9 18.6 27.8

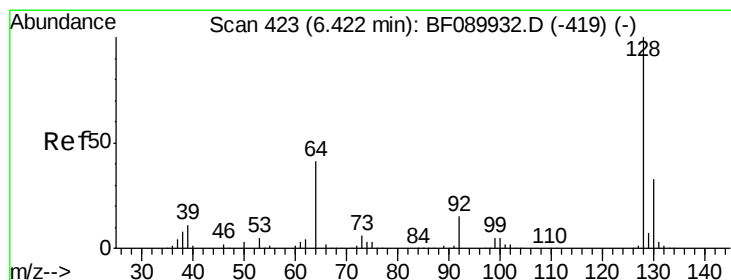
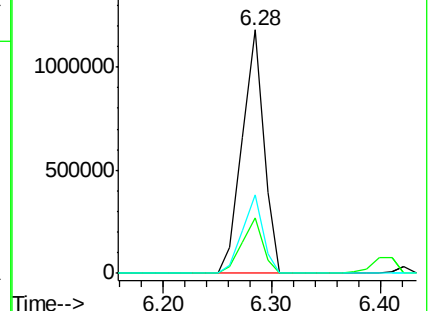
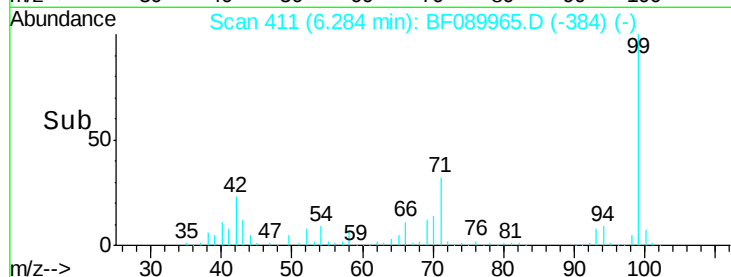
71 32.2 25.8 38.6



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 43.79 ng

RT: 6.42 min Scan# 423

Delta R.T. 0.00 min

Lab File: BF089965.D

Acq: 1 Sep 2016 12:11

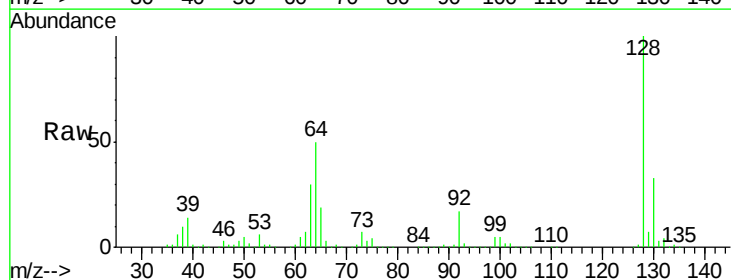
Tgt Ion:128 Resp: 538229

Ion Ratio Lower Upper

128 100

130 32.7 12.8 52.8

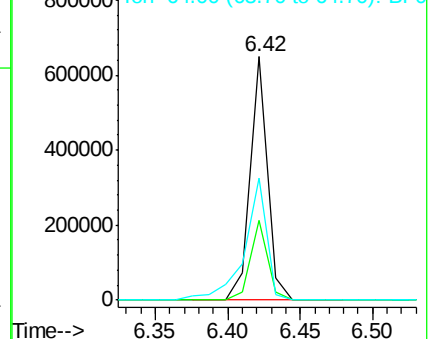
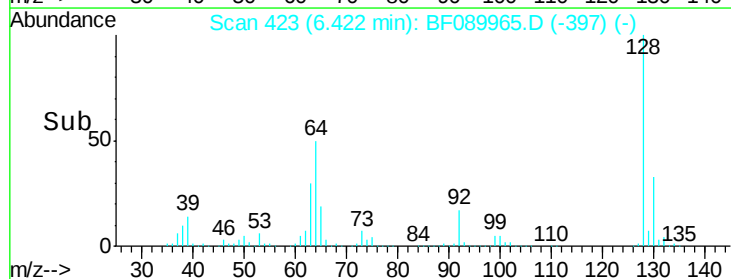
64 50.0 23.2 63.2

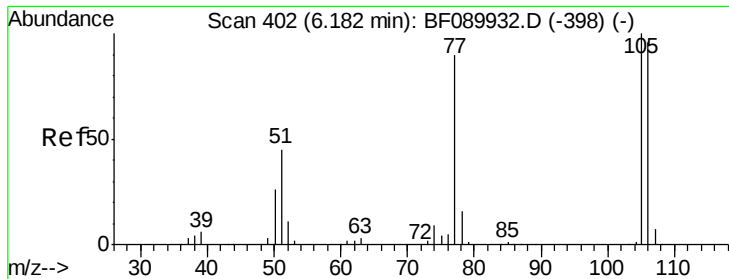


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 11.30 ng

RT: 6.17 min Scan# 401

Delta R.T. -0.01 min

Lab File: BF089965.D

Acq: 1 Sep 2016 12:11

Instrument :
BNA_F
ClientSampled :

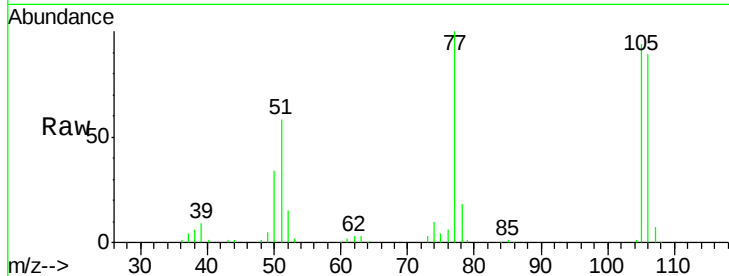
Tot Ion: 77 Resp: 100383

Ion Ratio Lower Upper

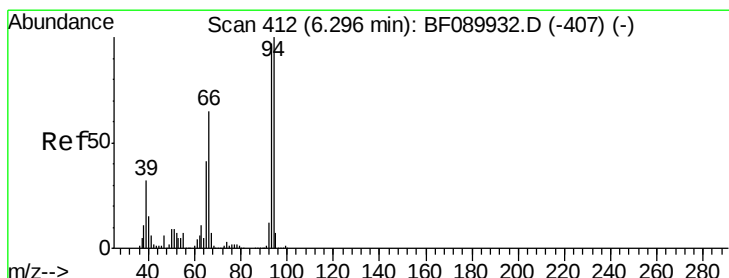
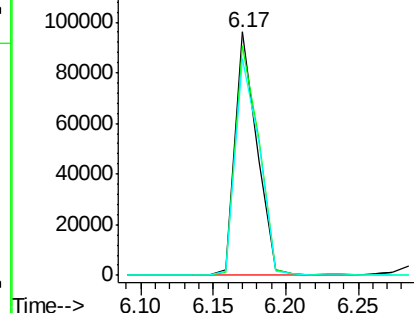
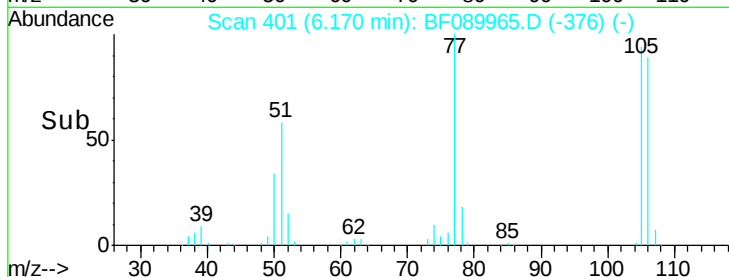
77 100

105 94.1 85.4 125.4

106 88.9 83.4 123.4



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 105.00 (104.70 to 105.70): BF0
Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 34.70 ng

RT: 6.30 min Scan# 412

Delta R.T. 0.00 min

Lab File: BF089965.D

Acq: 1 Sep 2016 12:11

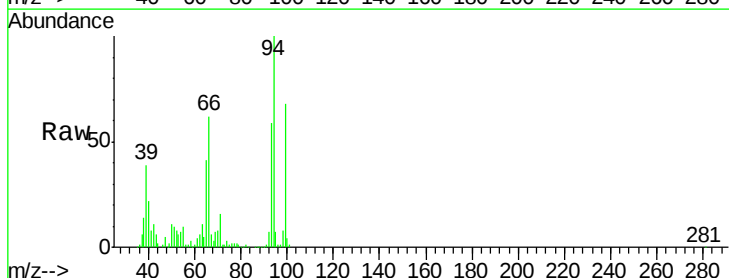
Tgt Ion: 94 Resp: 555504

Ion Ratio Lower Upper

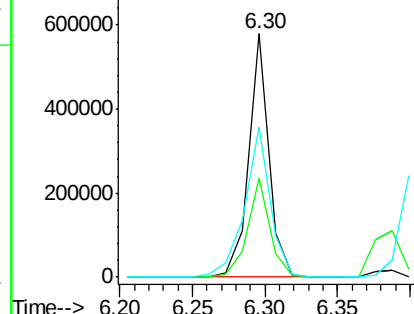
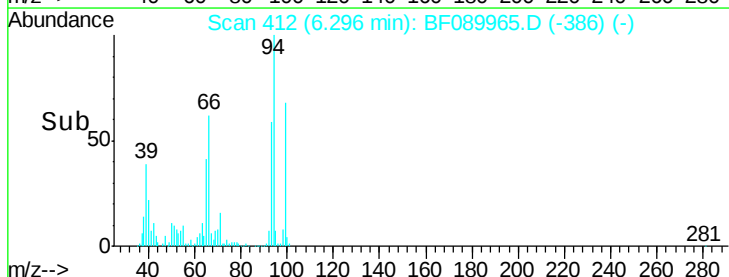
94 100

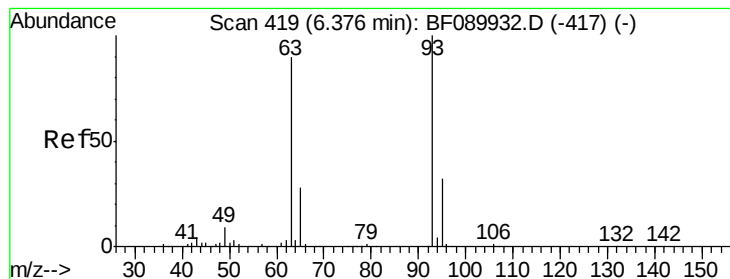
65 40.8 23.2 63.2

66 61.8 49.2 89.2



Abundance Ion 94.00 (93.70 to 94.70): BF0
Ion 65.00 (64.70 to 65.70): BF0
Ion 66.00 (65.70 to 66.70): BF0

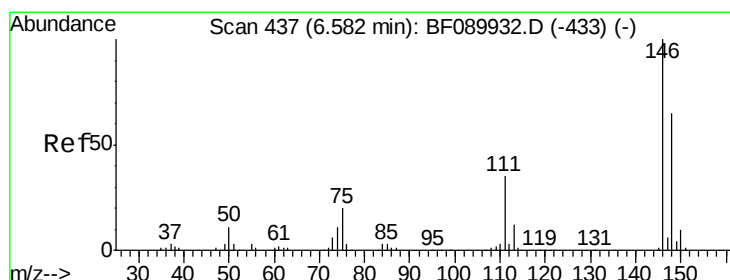
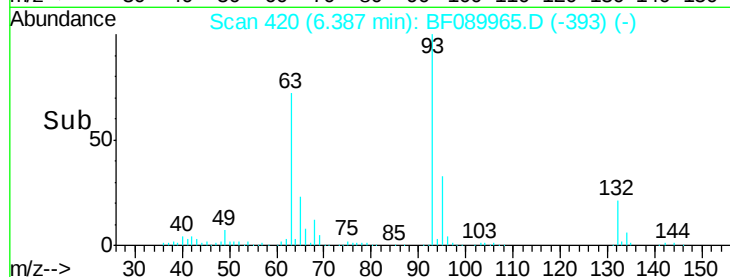
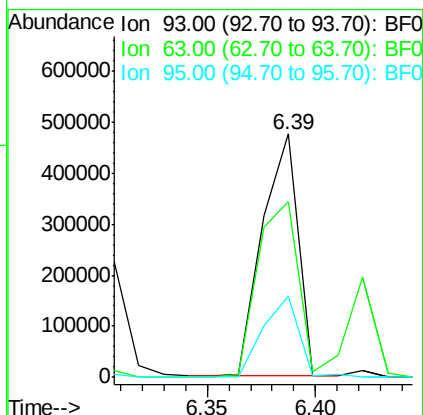
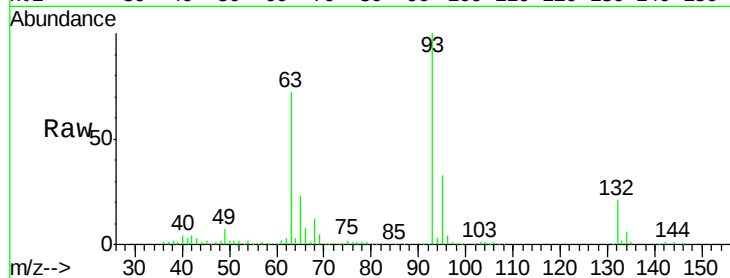




#11
 bis(2-Chloroethyl)ether
 Concen: 44.86 ng
 RT: 6.39 min Scan# 420
 Delta R.T. 0.01 min
 Lab File: BF089965.D
 Acq: 1 Sep 2016 12:11

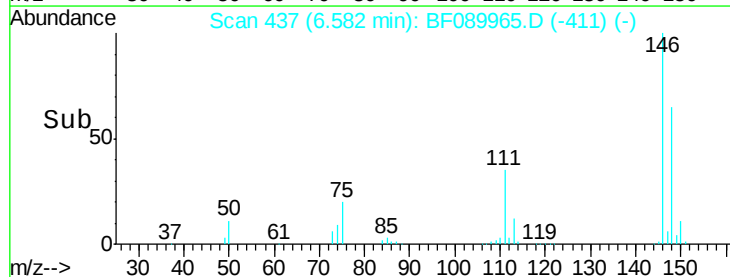
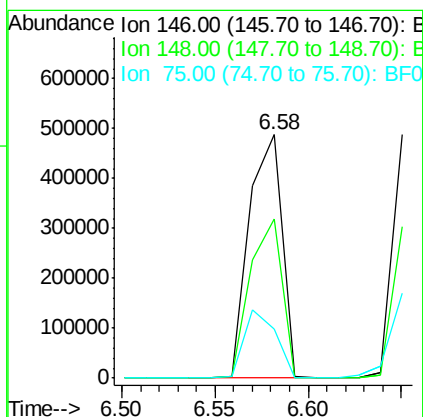
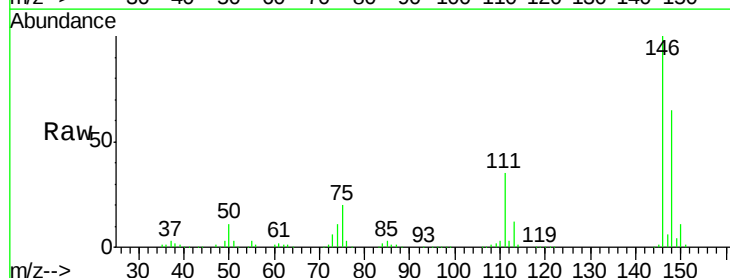
Instrument :
 BNA_F
 ClientSampleId :

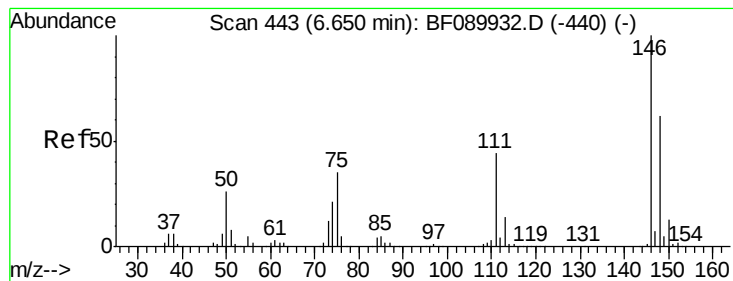
Tot Ion: 93 Resp: 543394
 Ion Ratio Lower Upper
 93 100
 63 72.4 71.1 111.1
 95 33.3 12.4 52.4



#12
 1,3-Dichlorobenzene
 Concen: 43.99 ng
 RT: 6.58 min Scan# 437
 Delta R.T. 0.00 min
 Lab File: BF089965.D
 Acq: 1 Sep 2016 12:11

Tgt Ion: 146 Resp: 603869
 Ion Ratio Lower Upper
 146 100
 148 65.4 52.5 78.7
 75 20.2 16.6 24.8





#13

1,4-Dichlorobenzene

Concen: 41.42 ng

RT: 6.65 min Scan# 443

Delta R.T. 0.00 min

Lab File: BF089965.D

Acq: 1 Sep 2016 12:11

Instrument :

BNA_F

ClientSampleId :

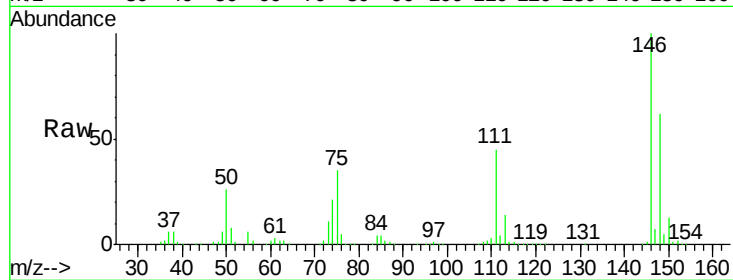
Tot Ion:146 Resp: 581778

Ion Ratio Lower Upper

146 100

148 62.3 50.1 75.1

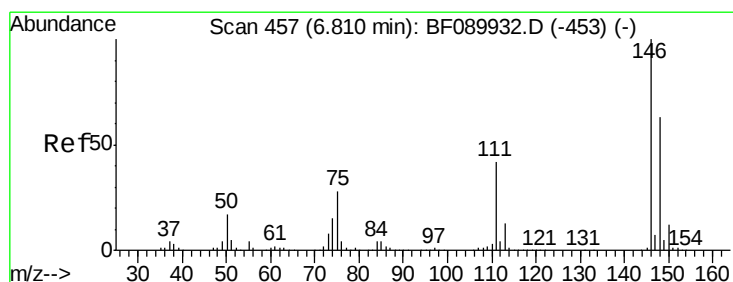
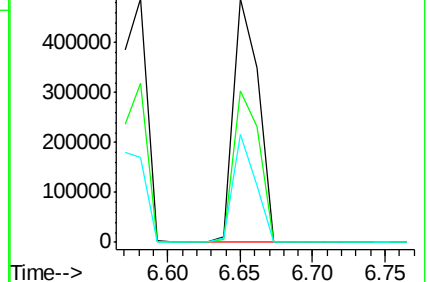
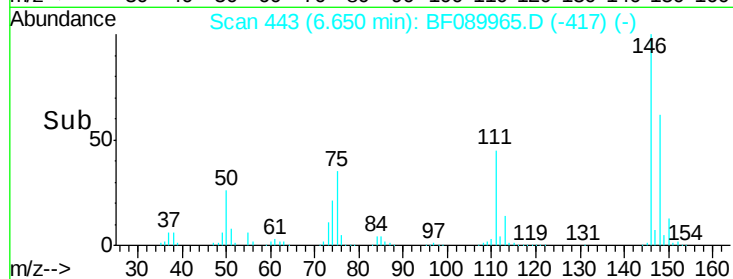
111 44.6 35.8 53.6



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: 45.63 ng

RT: 6.81 min Scan# 457

Delta R.T. 0.00 min

Lab File: BF089965.D

Acq: 1 Sep 2016 12:11

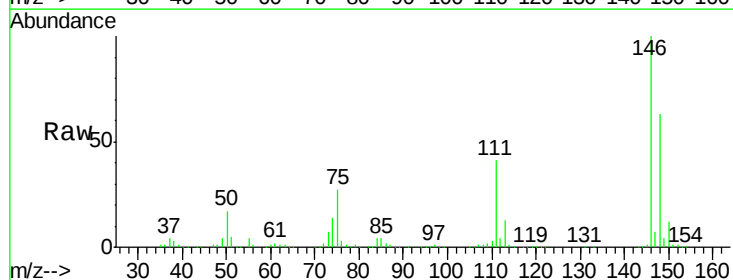
Tgt Ion:146 Resp: 574558

Ion Ratio Lower Upper

146 100

148 63.1 51.4 77.2

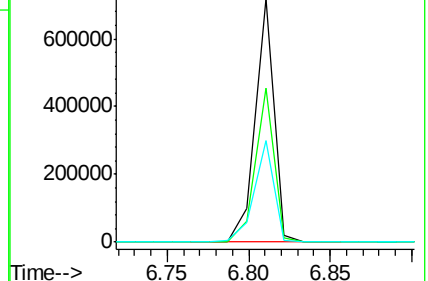
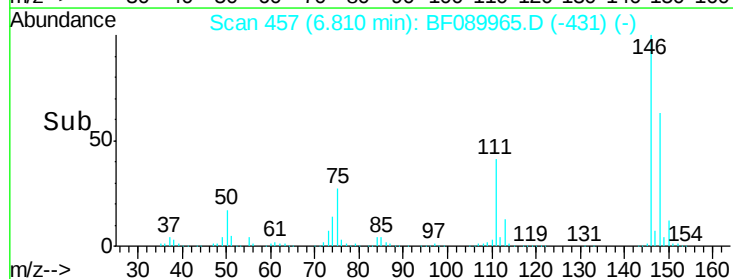
111 41.5 34.6 51.8



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





#15

Benzyl Alcohol

Concen: 45.22 ng

RT: 6.79 min Scan# 455

Delta R.T. 0.00 min

Lab File: BF089965.D

Acq: 1 Sep 2016 12:11

Instrument :

BNA_F

ClientSampleID :

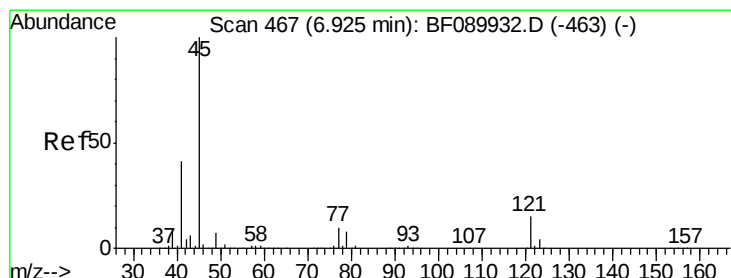
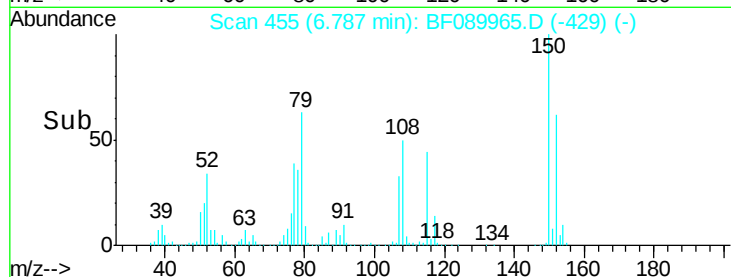
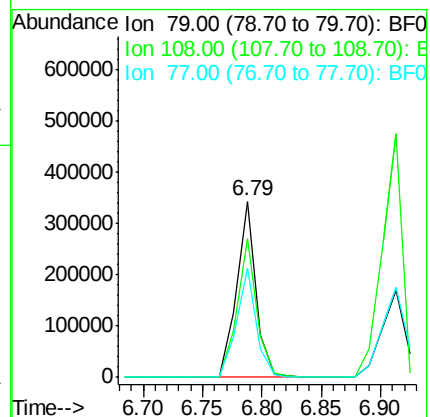
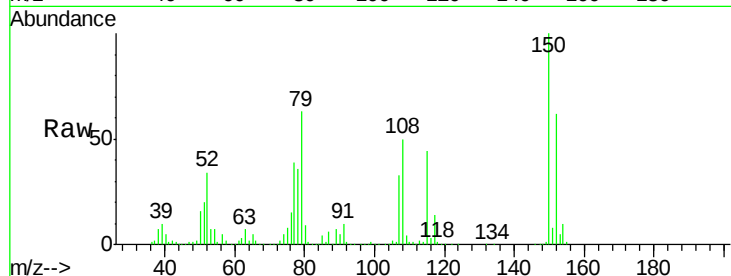
Tot Ion: 79 Resp: 389988

Ion Ratio Lower Upper

79 100

108 78.6 62.1 93.1

77 62.3 50.1 75.1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 44.95 ng

RT: 6.94 min Scan# 468

Delta R.T. 0.01 min

Lab File: BF089965.D

Acq: 1 Sep 2016 12:11

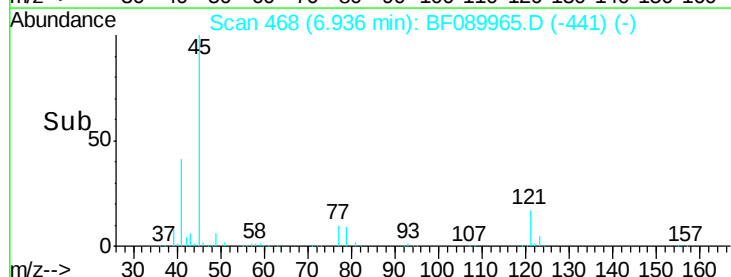
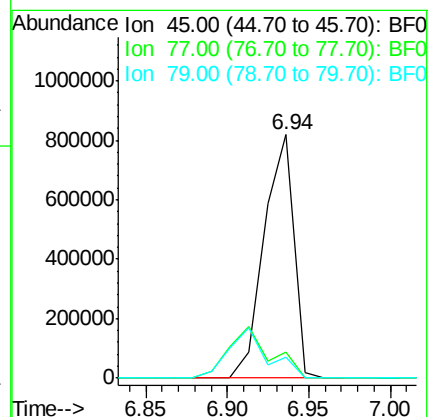
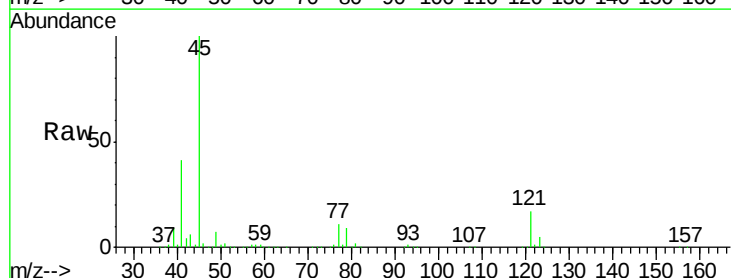
Tgt Ion: 45 Resp: 1038138

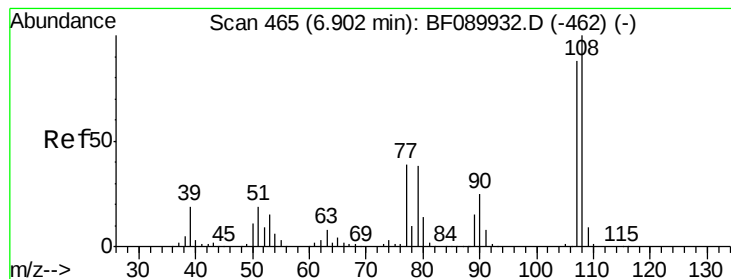
Ion Ratio Lower Upper

45 100

77 10.8 0.0 30.3

79 8.8 0.0 27.5

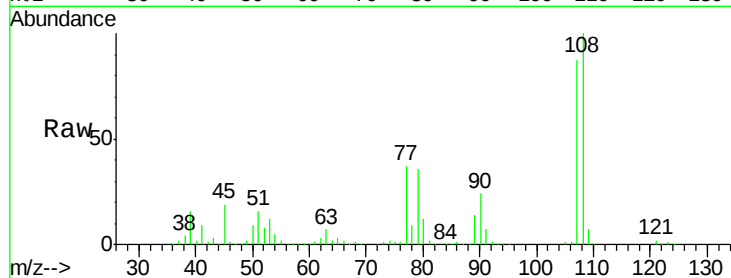




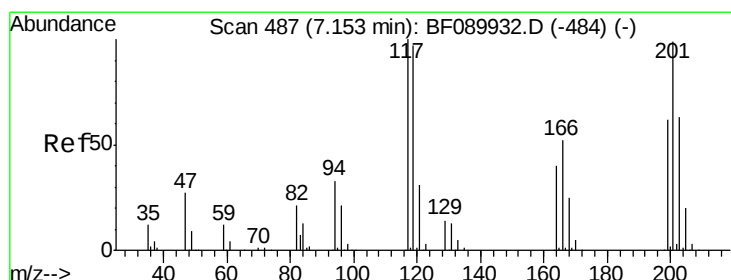
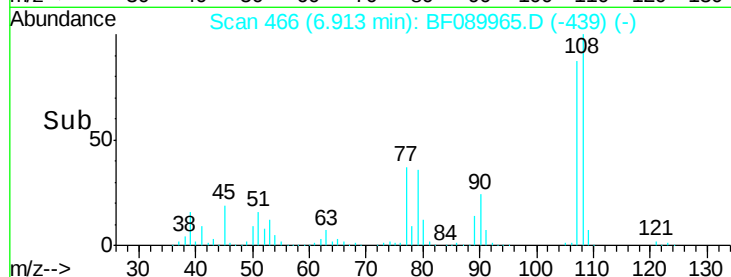
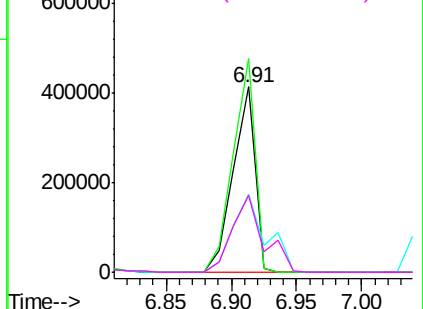
#17
2-Methylphenol
Concen: 48.98 ng
RT: 6.91 min Scan# 466
Delta R.T. 0.01 min
Lab File: BF089965.D
Acq: 1 Sep 2016 12:11

Instrument :
BNA_F
ClientSampleId :

Tot Ion:107 Resp: 480807
Ion Ratio Lower Upper
107 100
108 115.3 91.8 137.6
77 42.4 36.0 54.0
79 41.2 35.9 53.9

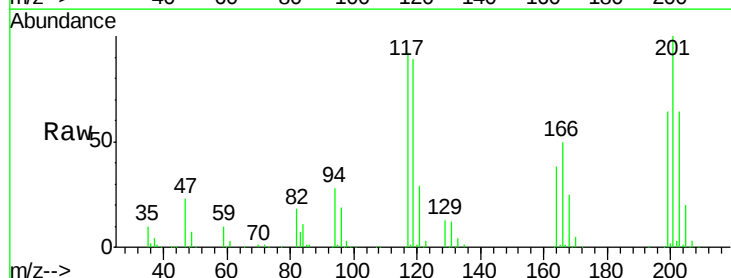


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

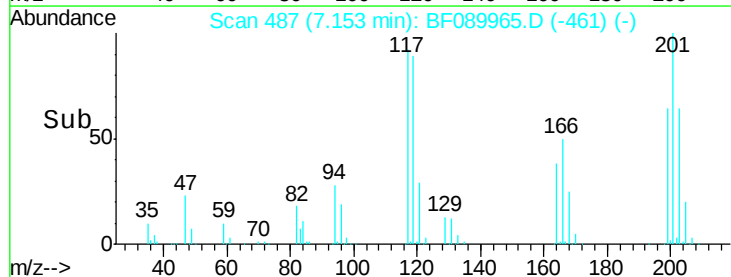
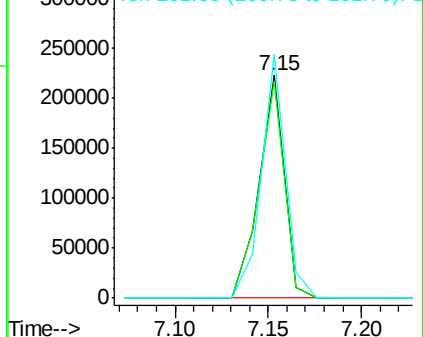


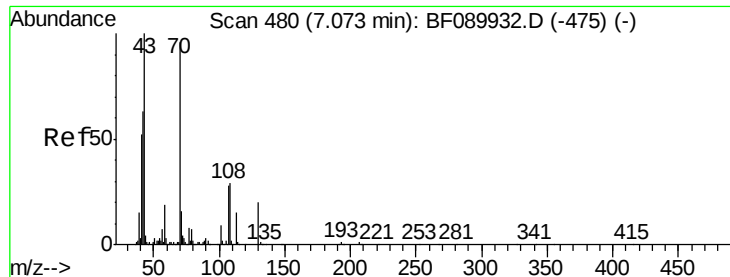
#18
Hexachloroethane
Concen: 43.05 ng
RT: 7.15 min Scan# 487
Delta R.T. 0.00 min
Lab File: BF089965.D
Acq: 1 Sep 2016 12:11

Tgt Ion:117 Resp: 207097
Ion Ratio Lower Upper
117 100
119 97.0 76.2 114.2
201 109.2 80.2 120.2



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

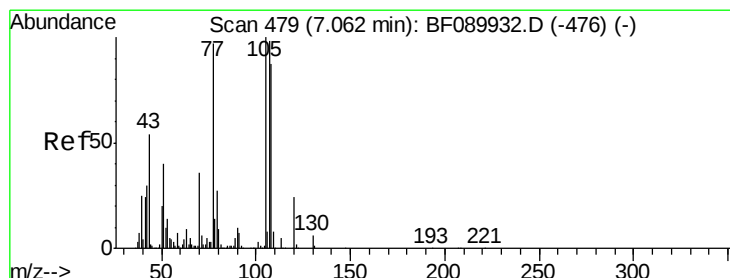
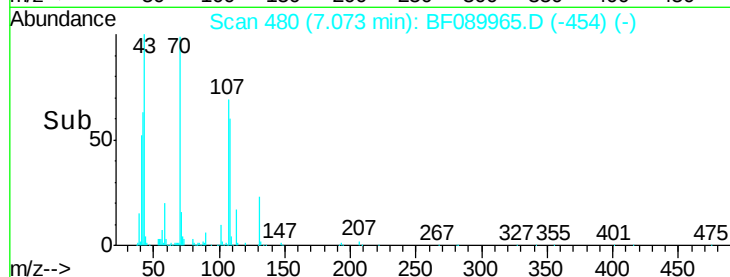
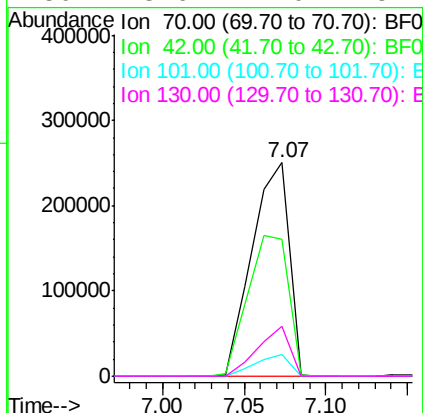
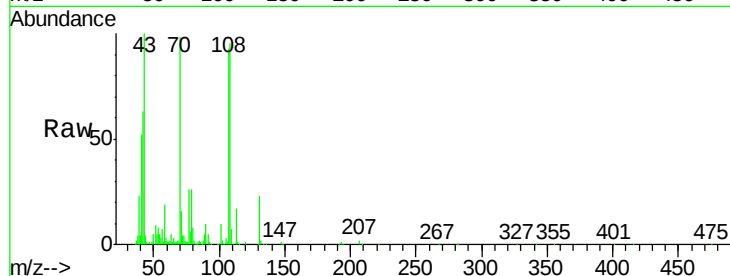




#19
 n-Nitroso-di-n-propylamine
 Concen: 44.27 ng
 RT: 7.07 min Scan# 480
 Delta R.T. 0.00 min
 Lab File: BF089965.D
 Acq: 1 Sep 2016 12:11

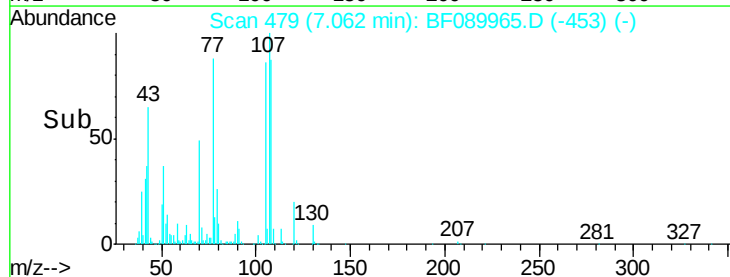
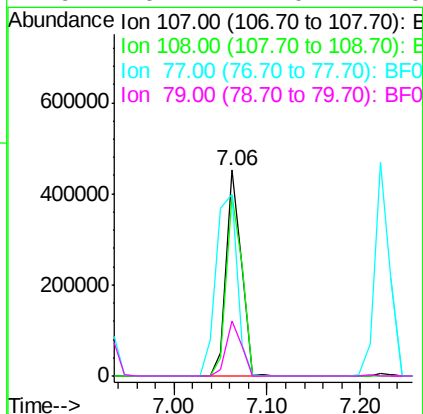
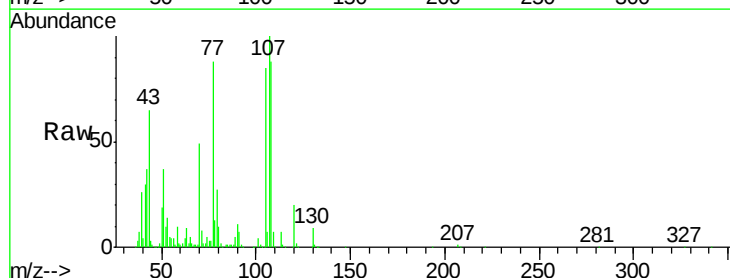
Instrument :
 BNA_F
 ClientSampleId :

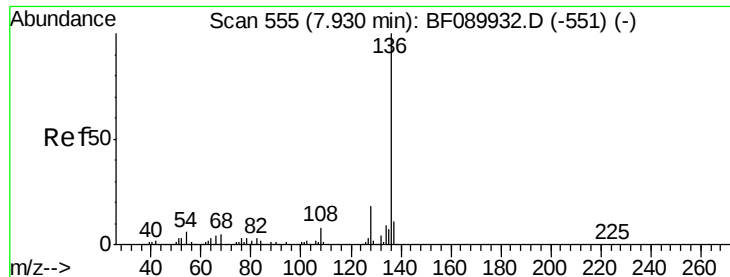
Tot Ion:	70	Resp:	397150
Ion	Ratio	Lower	Upper
70	100		
42	63.8	52.1	78.1
101	10.0	7.4	11.2
130	23.6	17.0	25.4



#20
 3+4-Methylphenols
 Concen: 43.24 ng
 RT: 7.06 min Scan# 479
 Delta R.T. 0.00 min
 Lab File: BF089965.D
 Acq: 1 Sep 2016 12:11

Tgt Ion:	107	Resp:	514493
Ion	Ratio	Lower	Upper
107	100		
108	87.5	70.2	110.2
77	88.3	75.7	115.7
79	26.7	7.0	47.0

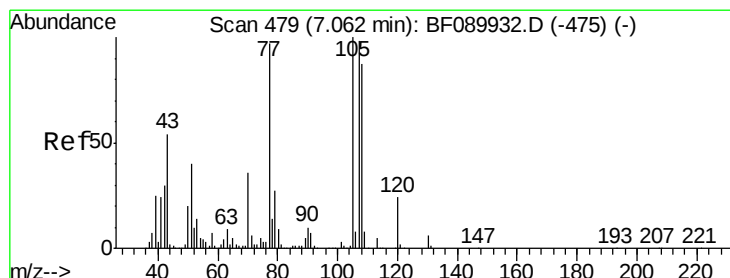
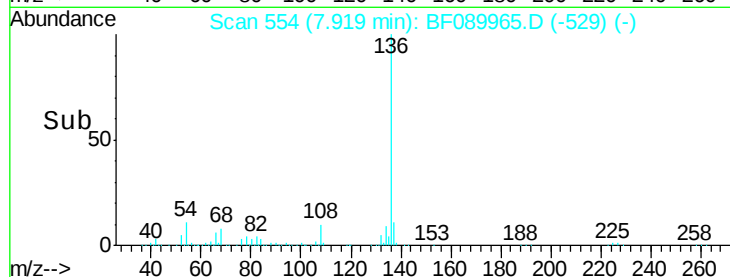
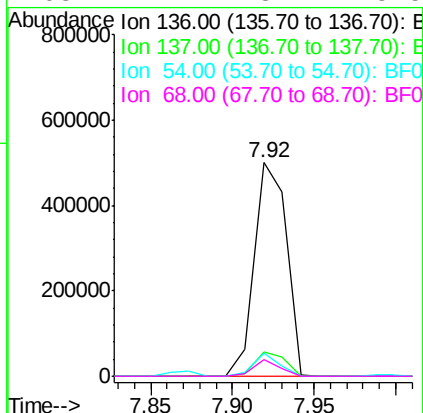
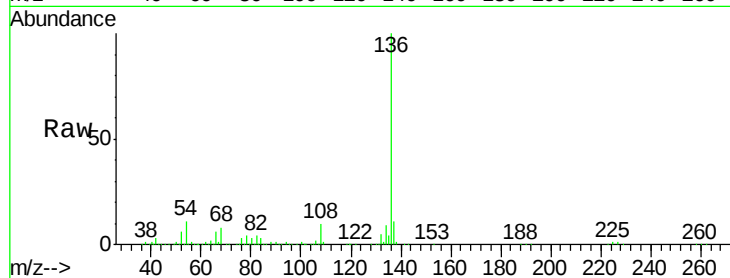




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.92 min Scan# 554
Delta R.T. -0.01 min
Lab File: BF089965.D
Acq: 1 Sep 2016 12:11

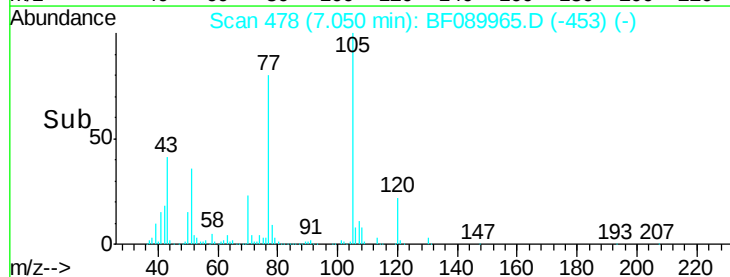
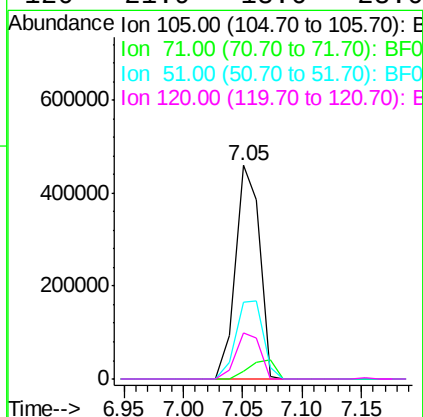
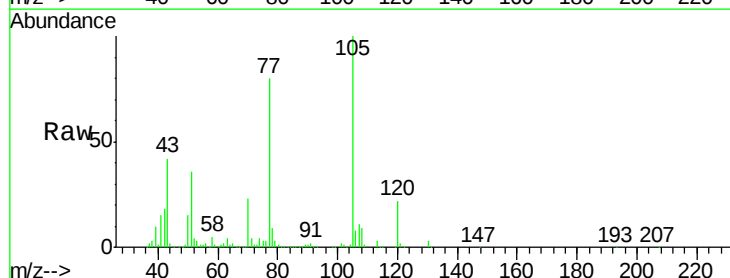
Instrument :
BNA_F
ClientSampleId :

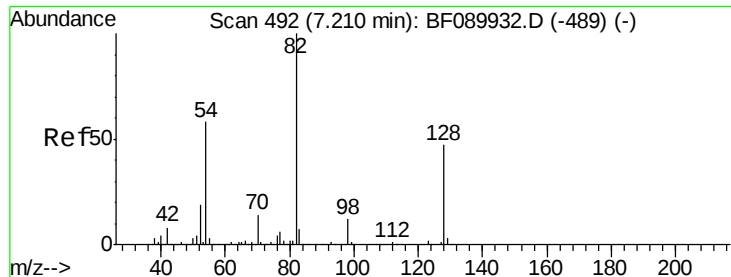
Tot Ion:136	Resp:	684145
Ion Ratio	Lower	Upper
136	100	
137	11.3	8.3 12.5
54	11.1	4.8 7.2#
68	7.7	3.7 5.5#



#22
Acetophenone
Concen: 42.38 ng
RT: 7.05 min Scan# 478
Delta R.T. -0.01 min
Lab File: BF089965.D
Acq: 1 Sep 2016 12:11

Tgt Ion:105	Resp:	650381
Ion Ratio	Lower	Upper
105	100	
71	3.8	5.3 7.9#
51	35.7	32.6 48.8
120	21.9	18.6 28.0

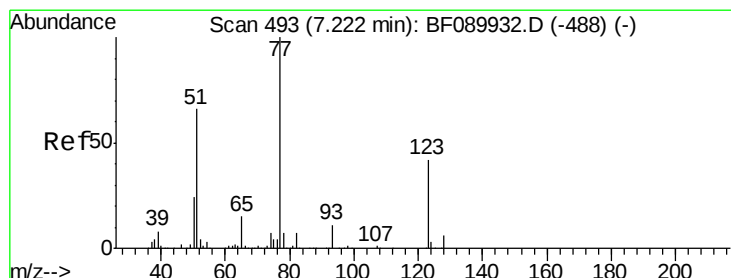
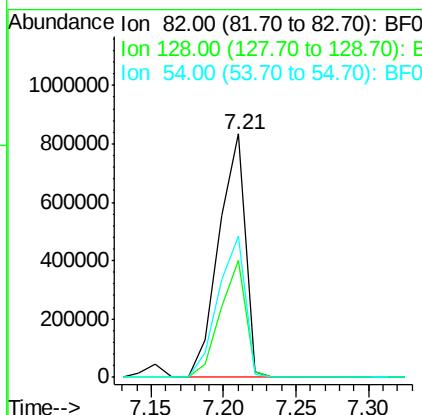
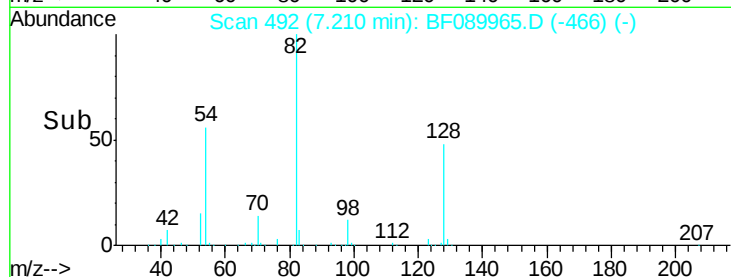
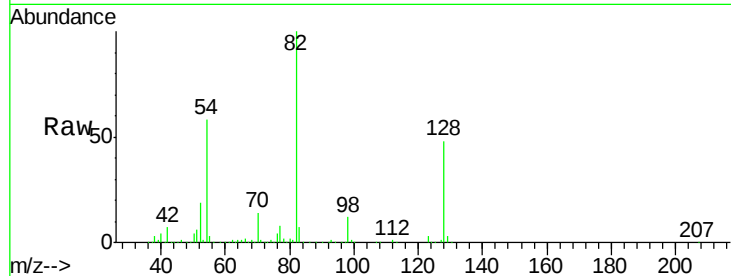




#23
 Nitrobenzene-d5
 Concen: 89.60 ng
 RT: 7.21 min Scan# 492
 Delta R.T. 0.00 min
 Lab File: BF089965.D
 Acq: 1 Sep 2016 12:11

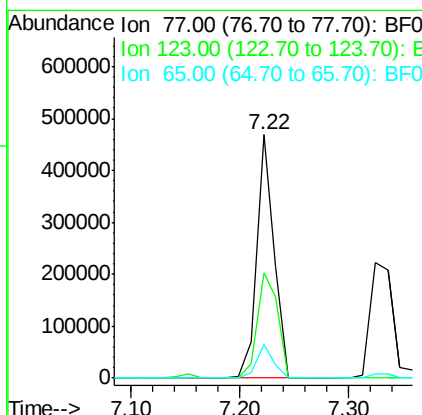
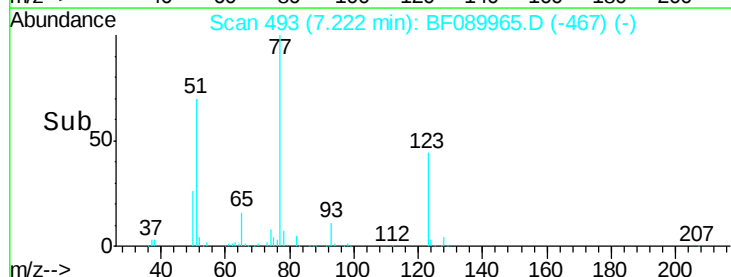
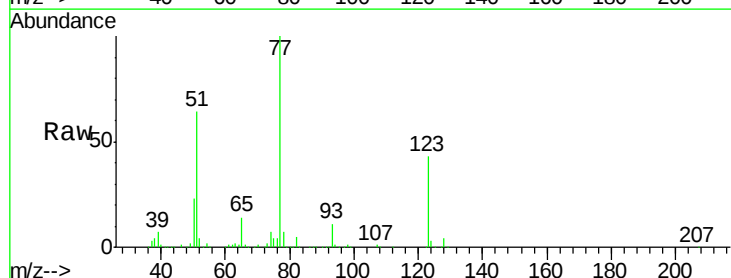
Instrument :
 BNA_F
 ClientSampleId :

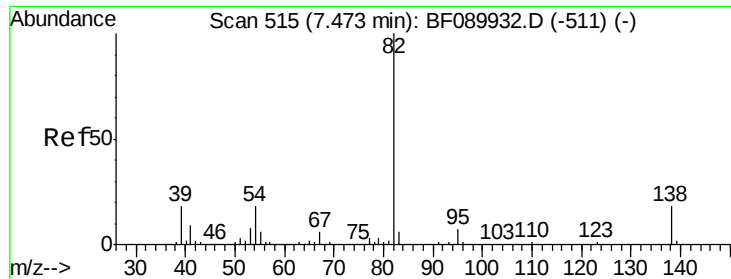
Tot Ion: 82 Resp: 1056980
 Ion Ratio Lower Upper
 82 100
 128 48.1 37.8 56.8
 54 58.0 46.9 70.3



#24
 Nitrobenzene
 Concen: 41.47 ng
 RT: 7.22 min Scan# 493
 Delta R.T. 0.00 min
 Lab File: BF089965.D
 Acq: 1 Sep 2016 12:11

Tgt Ion: 77 Resp: 520052
 Ion Ratio Lower Upper
 77 100
 123 43.3 32.0 48.0
 65 14.1 11.2 16.8





#25

Isophorone

Concen: 44.93 ng

RT: 7.47 min Scan# 515

Delta R.T. 0.00 min

Lab File: BF089965.D

Acq: 1 Sep 2016 12:11

Instrument :

BNA_F

ClientSampleId :

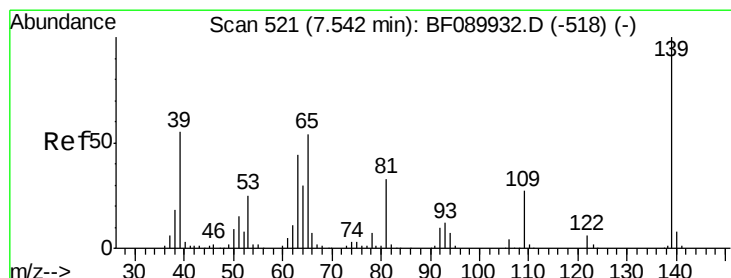
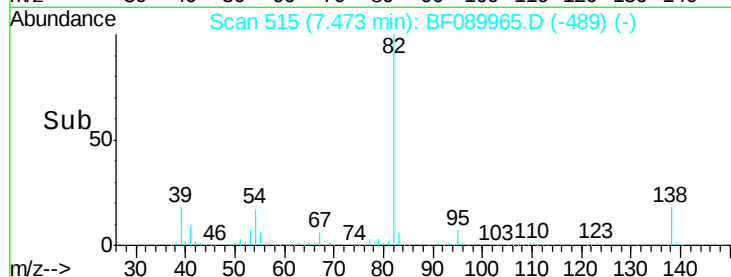
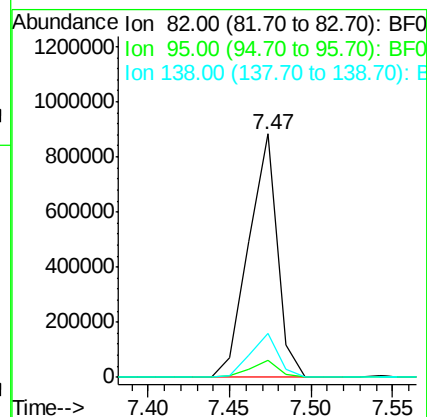
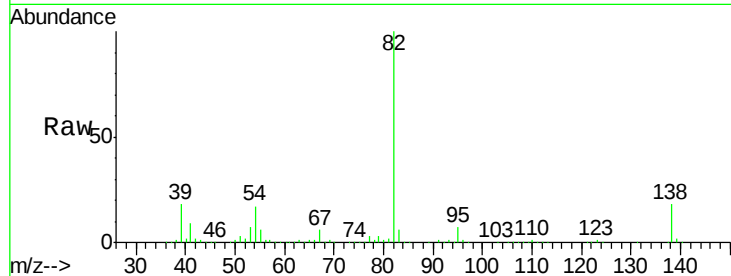
Tot Ion: 82 Resp: 1077812

Ion Ratio Lower Upper

82 100

95 6.8 5.5 8.3

138 18.2 14.4 21.6



#26

2-Nitrophenol

Concen: 46.54 ng

RT: 7.54 min Scan# 521

Delta R.T. 0.00 min

Lab File: BF089965.D

Acq: 1 Sep 2016 12:11

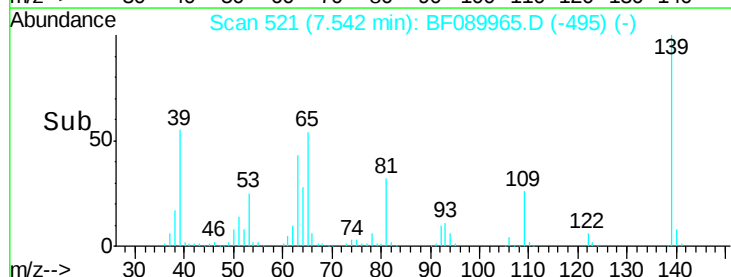
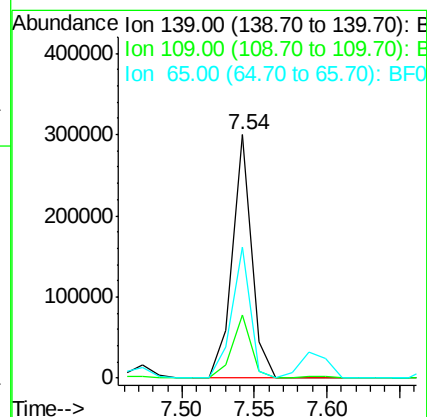
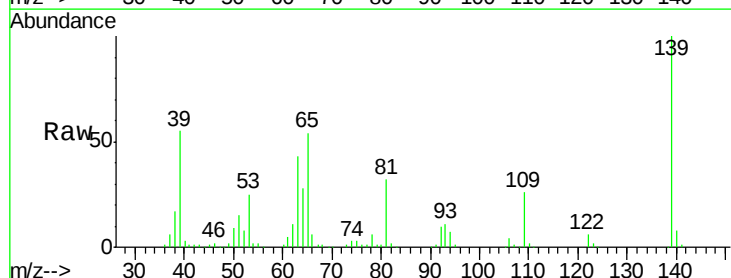
Tgt Ion: 139 Resp: 278979

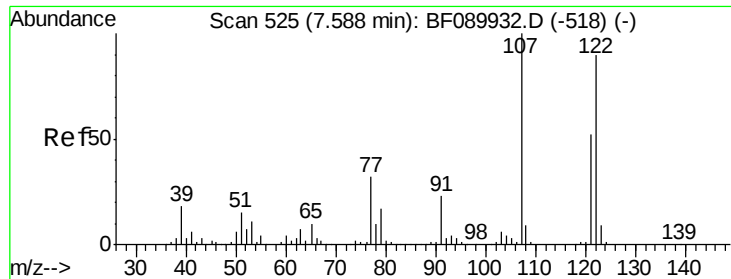
Ion Ratio Lower Upper

139 100

109 25.7 21.0 31.4

65 53.7 43.4 65.0

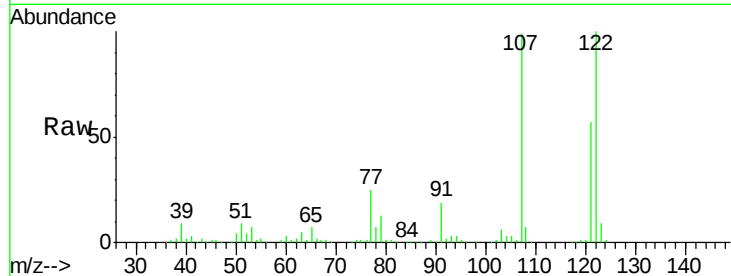




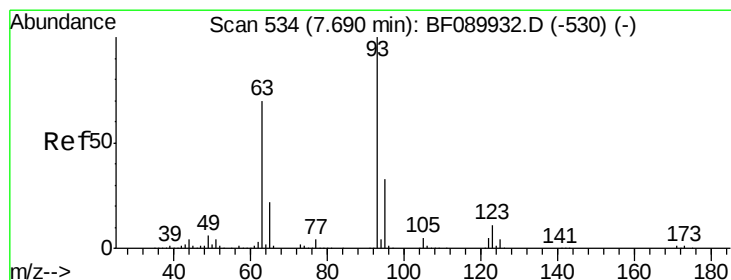
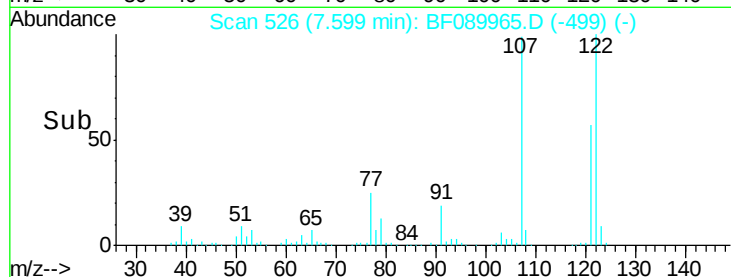
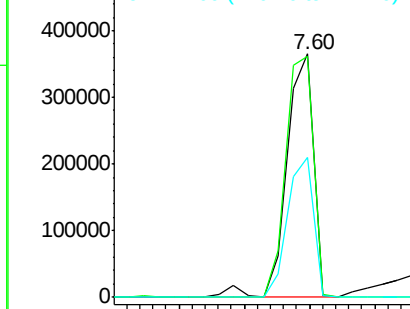
#27
 2,4-Dimethylphenol
 Concen: 47.63 ng
 RT: 7.60 min Scan# 526
 Delta R.T. 0.01 min
 Lab File: BF089965.D
 Acq: 1 Sep 2016 12:11

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:122 Resp: 528235
 Ion Ratio Lower Upper
 122 100
 107 98.9 88.5 132.7
 121 57.5 46.0 69.0

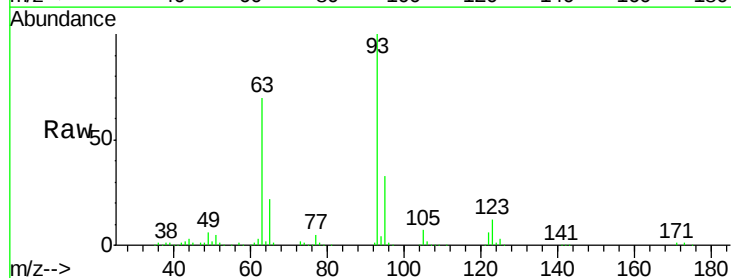


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

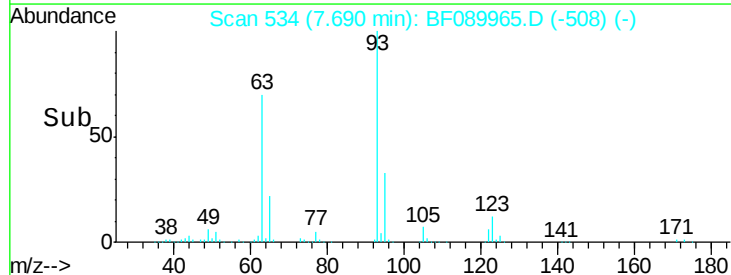
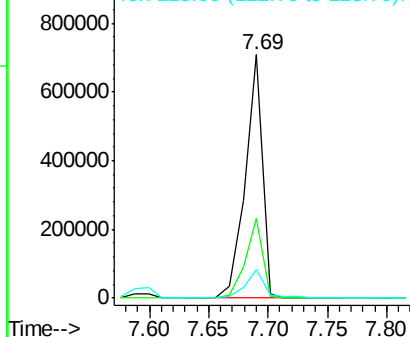


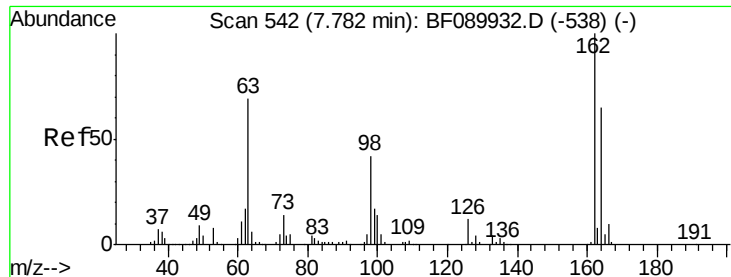
#28
 bis(2-Chloroethoxy)methane
 Concen: 49.33 ng
 RT: 7.69 min Scan# 534
 Delta R.T. 0.00 min
 Lab File: BF089965.D
 Acq: 1 Sep 2016 12:11

Tgt Ion: 93 Resp: 713719
 Ion Ratio Lower Upper
 93 100
 95 33.0 26.6 40.0
 123 11.5 9.1 13.7



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

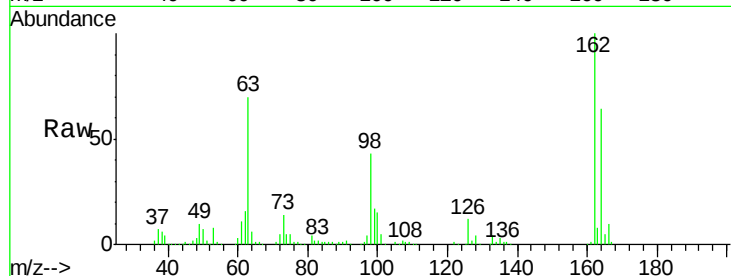




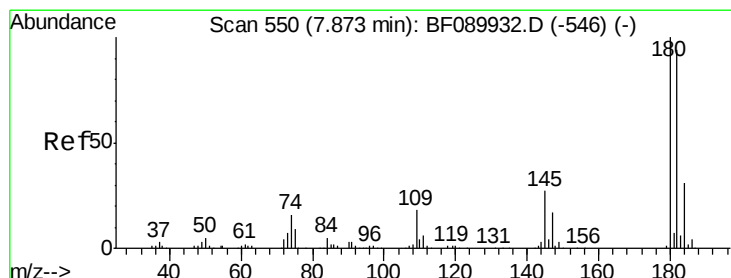
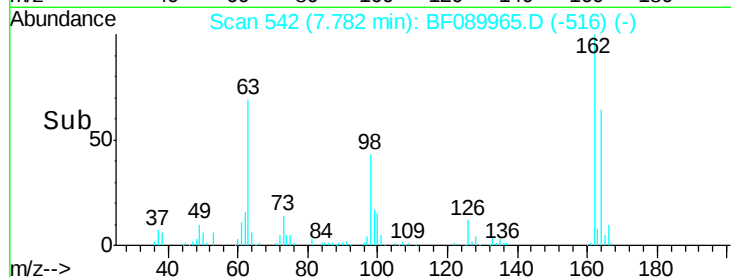
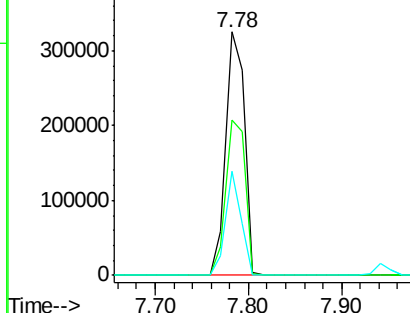
#29
 2,4-Dichlorophenol
 Concen: 45.88 ng
 RT: 7.78 min Scan# 542
 Delta R.T. 0.00 min
 Lab File: BF089965.D
 Acq: 1 Sep 2016 12:11

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.9	46.6	86.6
98	42.9	22.0	62.0

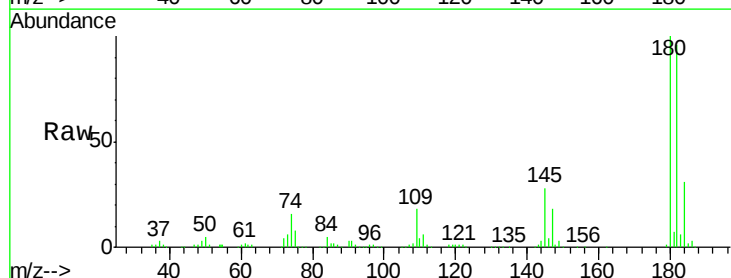


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

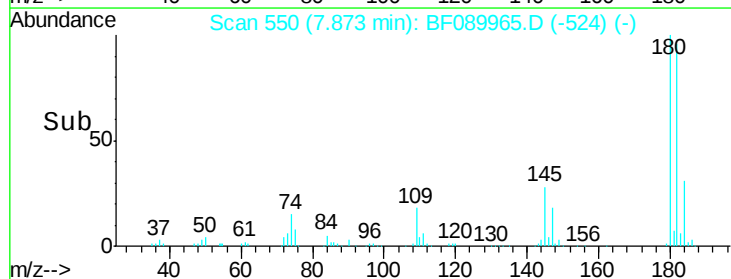
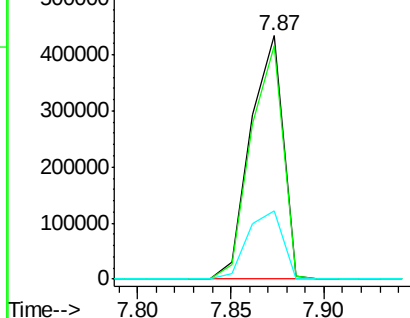


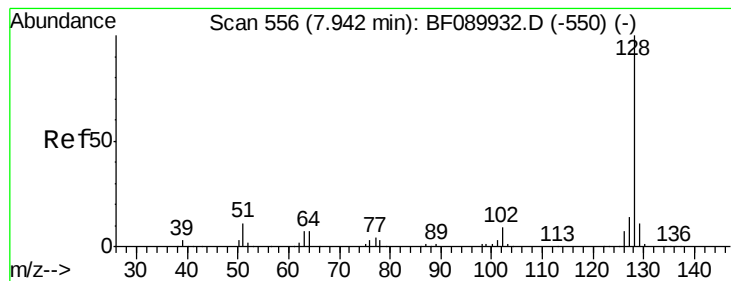
#30
 1,2,4-Trichlorobenzene
 Concen: 48.00 ng
 RT: 7.87 min Scan# 550
 Delta R.T. 0.00 min
 Lab File: BF089965.D
 Acq: 1 Sep 2016 12:11

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.0	76.2	114.2
145	27.9	22.2	33.4



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: 42.57 ng

RT: 7.94 min Scan# 556

Delta R.T. 0.00 min

Lab File: BF089965.D

Acq: 1 Sep 2016 12:11

Instrument :

BNA_F

ClientSampleId :

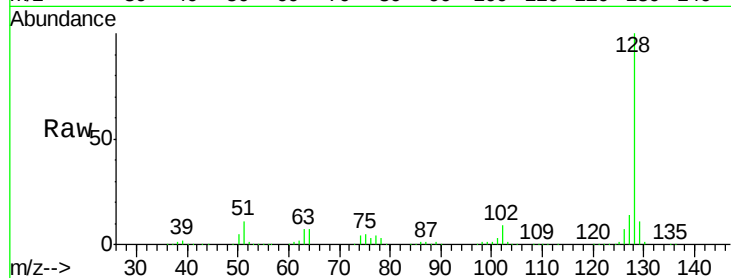
Tot Ion:128 Resp: 1450997

Ion Ratio Lower Upper

128 100

129 11.5 9.4 14.0

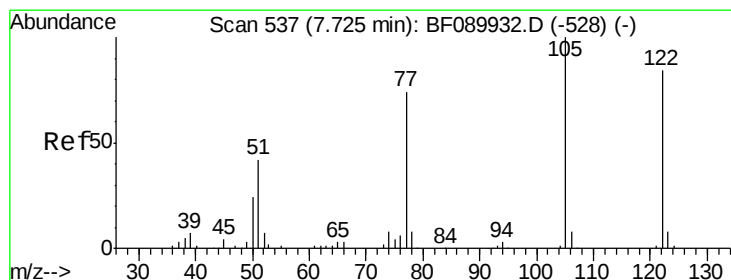
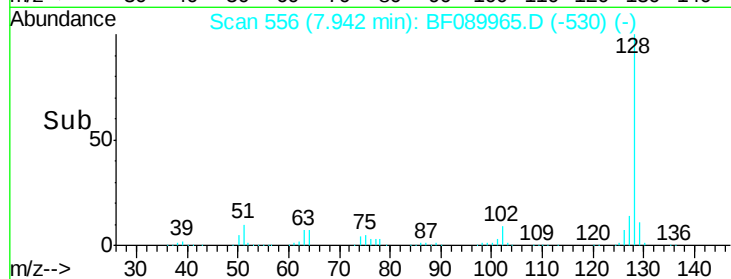
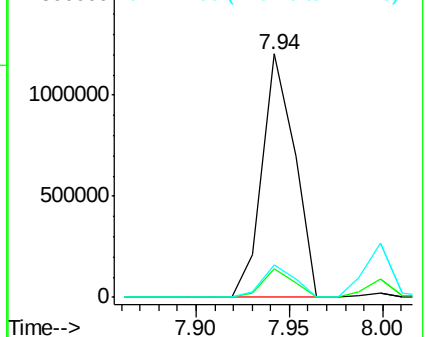
127 13.5 10.7 16.1



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: 32.58 ng

RT: 7.71 min Scan# 536

Delta R.T. -0.01 min

Lab File: BF089965.D

Acq: 1 Sep 2016 12:11

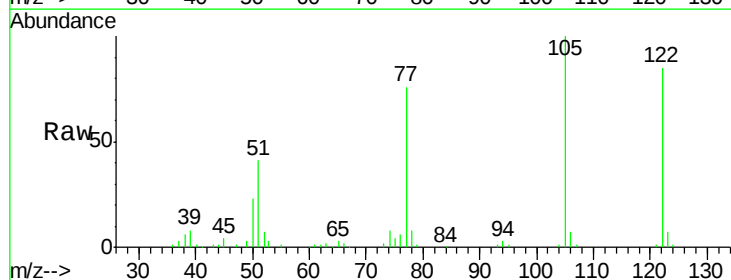
Tgt Ion:122 Resp: 243349

Ion Ratio Lower Upper

122 100

105 118.1 102.2 142.2

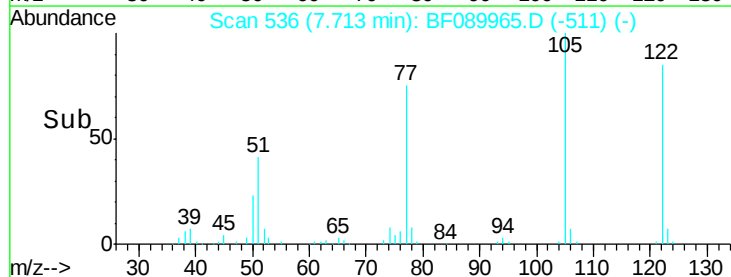
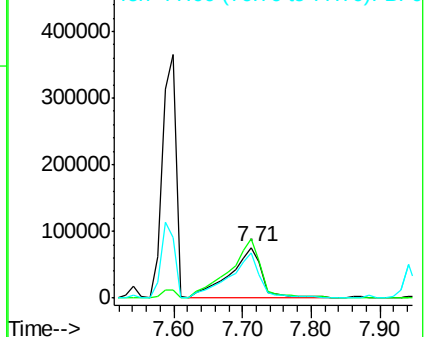
77 89.3 74.1 114.1

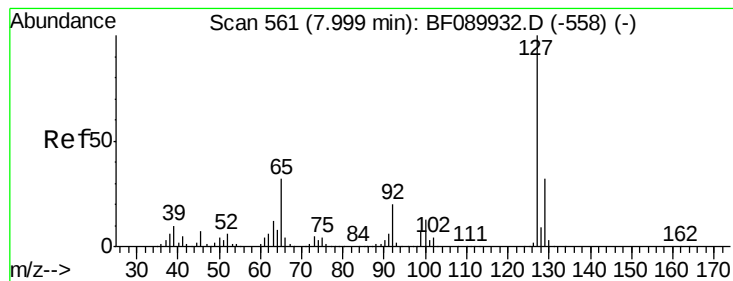


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





#33

4-Chloroaniline

Concen: 20.47 ng

RT: 8.00 min Scan# 561

Delta R.T. 0.00 min

Lab File: BF089965.D

Acq: 1 Sep 2016 12:11

Instrument :

BNA_F

ClientSampleId :

Tot Ion:127 Resp: 281435

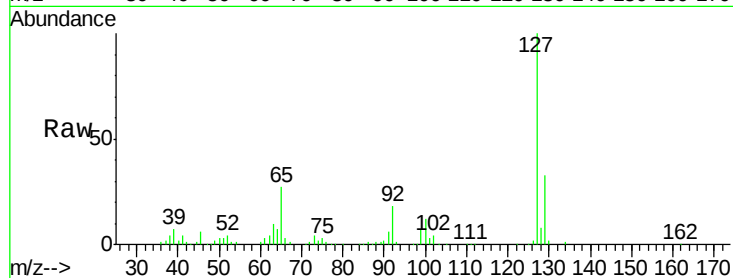
Ion Ratio Lower Upper

127 100

129 32.7 25.9 38.9

65 27.0 26.0 39.0

92 18.2 15.9 23.9

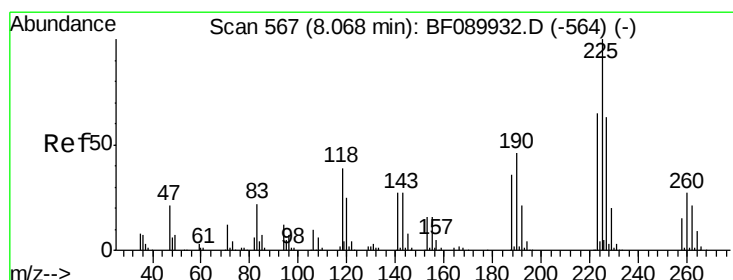
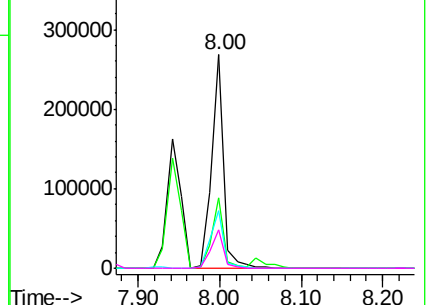
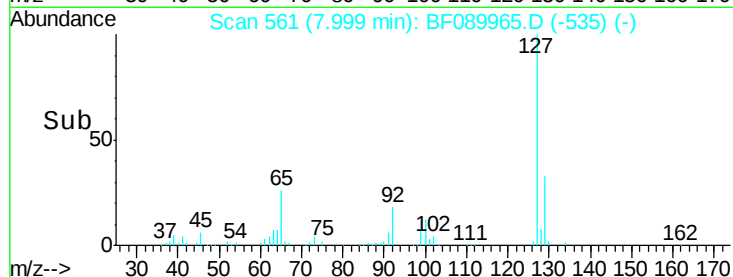


Abundance Ion 127.00 (126.70 to 127.70): E

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: 44.60 ng

RT: 8.07 min Scan# 567

Delta R.T. 0.00 min

Lab File: BF089965.D

Acq: 1 Sep 2016 12:11

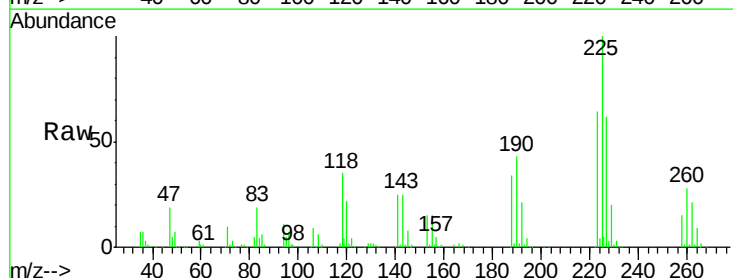
Tgt Ion:225 Resp: 284080

Ion Ratio Lower Upper

225 100

223 63.7 52.6 78.8

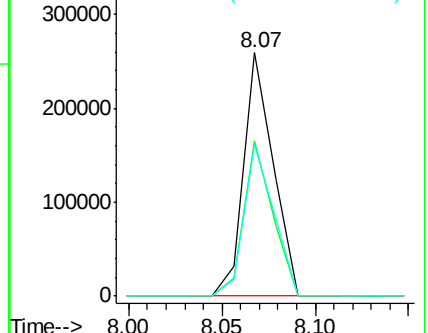
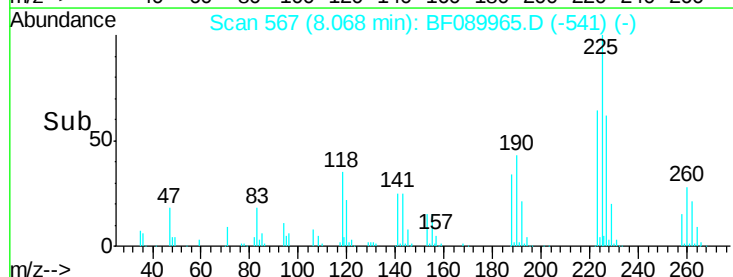
227 62.2 50.8 76.2

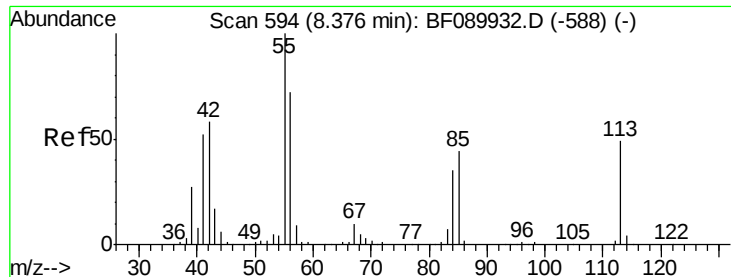


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

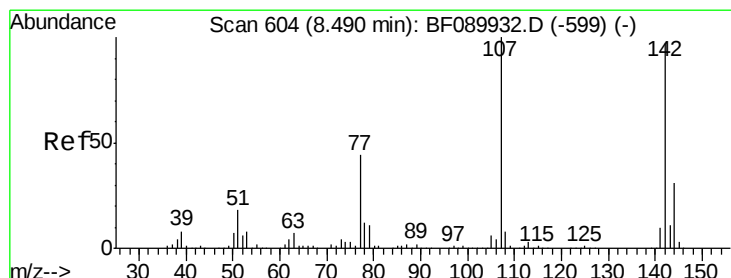
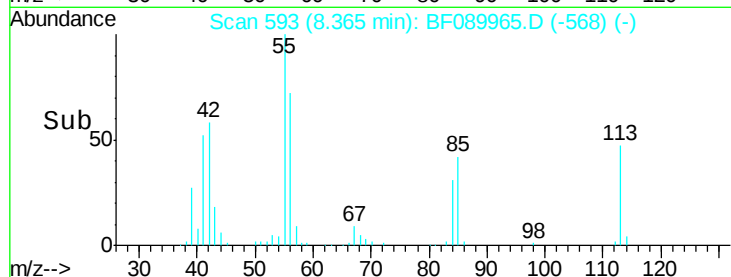
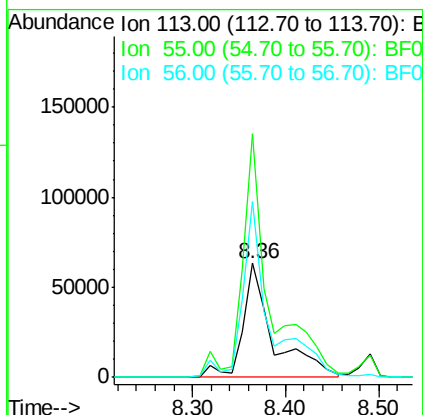
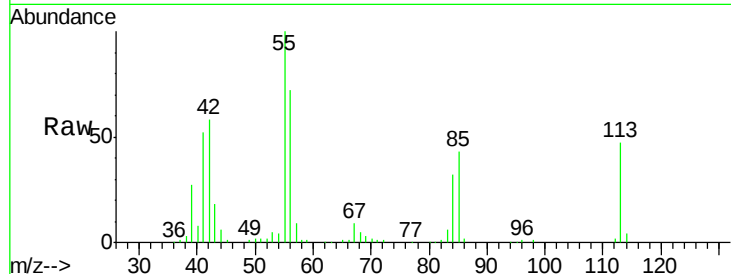




#35
Caprolactam
Concen: 45.31 ng
RT: 8.36 min Scan# 593
Delta R.T. -0.01 min
Lab File: BF089965.D
Acq: 1 Sep 2016 12:11

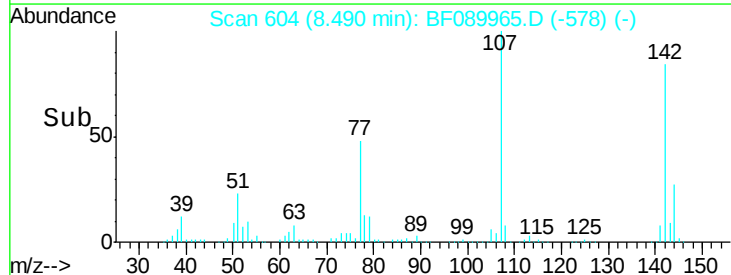
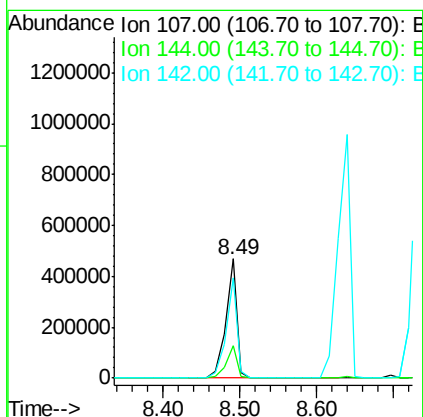
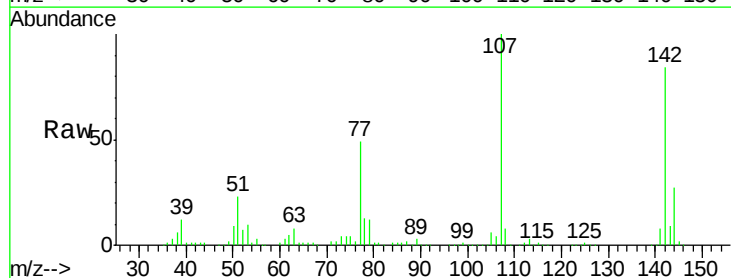
Instrument :
BNA_F
ClientSampled :

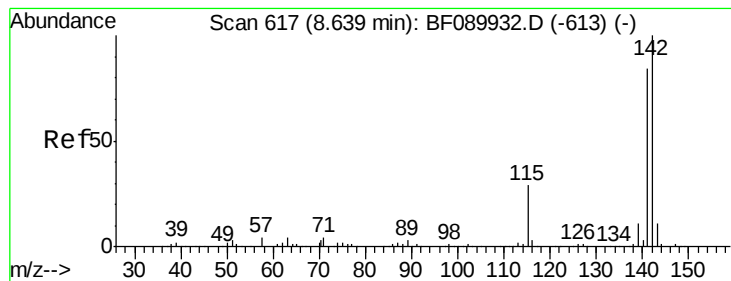
Tot Ion:113 Resp: 142194
Ion Ratio Lower Upper
113 100
55 213.0 178.5 218.5
56 154.1 122.7 162.7



#36
4-Chloro-3-methylphenol
Concen: 45.59 ng
RT: 8.49 min Scan# 604
Delta R.T. 0.00 min
Lab File: BF089965.D
Acq: 1 Sep 2016 12:11

Tgt Ion:107 Resp: 479980
Ion Ratio Lower Upper
107 100
144 27.1 25.8 38.8
142 83.9 79.2 118.8

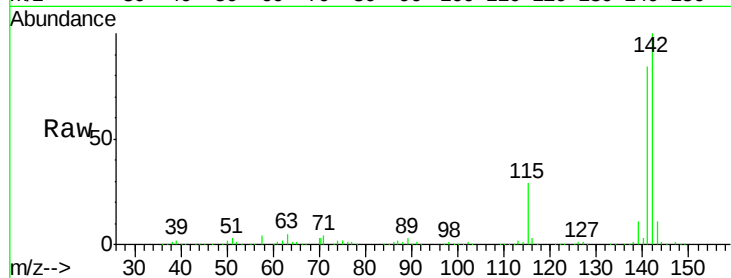




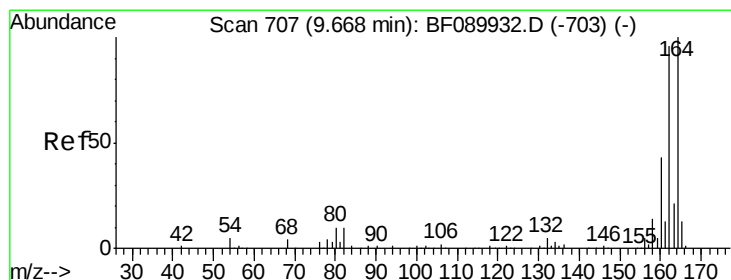
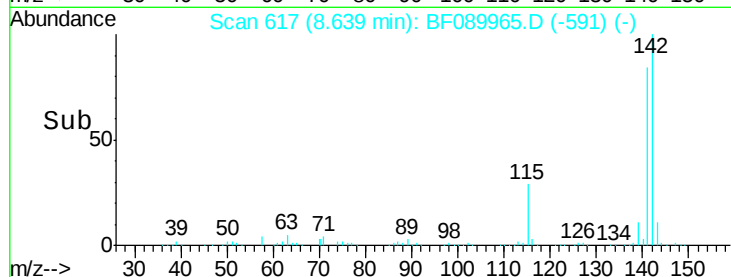
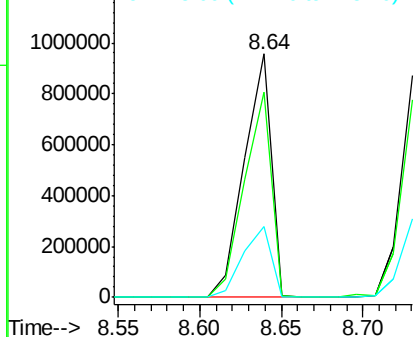
#37
2-Methylnaphthalene
Concen: 48.78 ng
RT: 8.64 min Scan# 617
Delta R.T. 0.00 min
Lab File: BF089965.D
Acq: 1 Sep 2016 12:11

Instrument :
BNA_F
ClientSampleId :

Tot Ion:142 Resp: 1098552
Ion Ratio Lower Upper
142 100
141 84.3 68.3 102.5
115 29.1 23.8 35.8

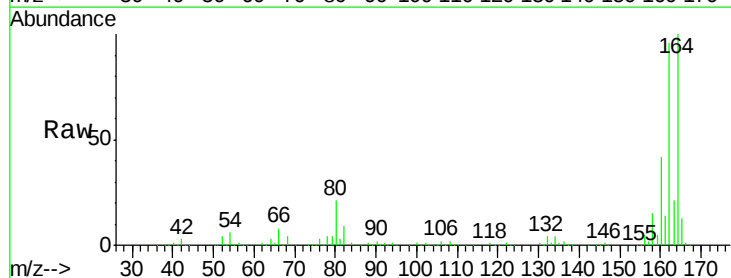


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

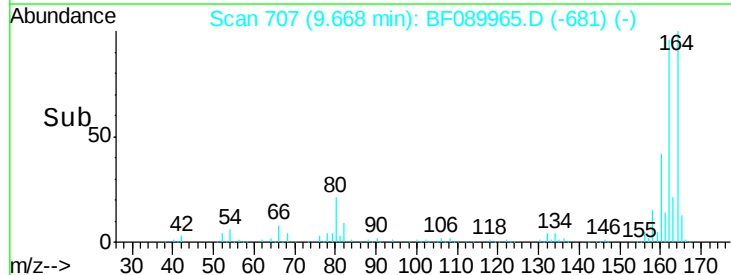
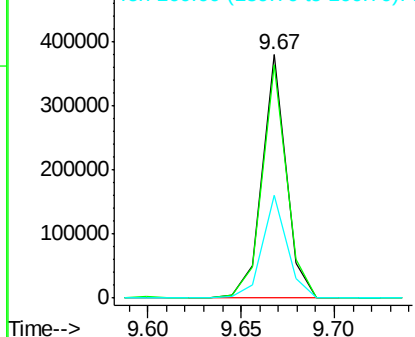


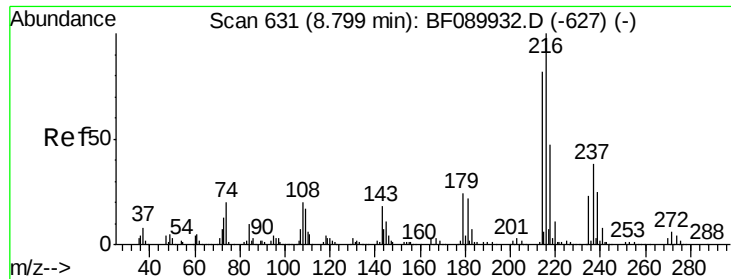
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.67 min Scan# 707
Delta R.T. 0.00 min
Lab File: BF089965.D
Acq: 1 Sep 2016 12:11

Tgt Ion:164 Resp: 336064
Ion Ratio Lower Upper
164 100
162 96.0 77.1 115.7
160 42.5 35.3 52.9



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

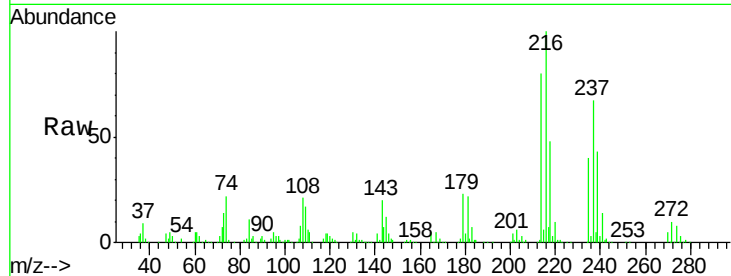




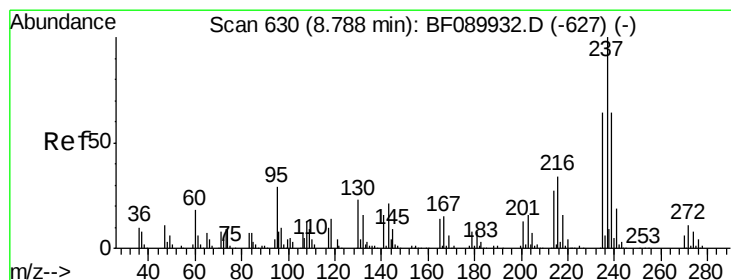
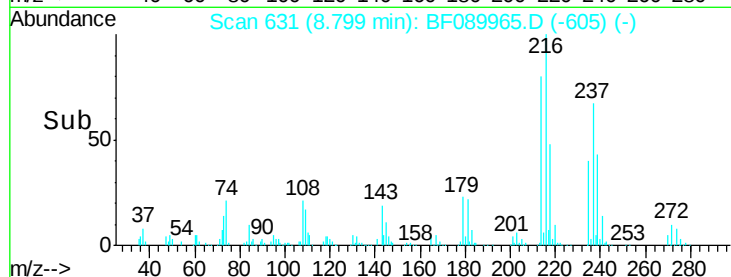
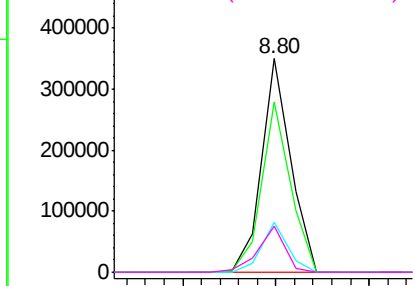
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 38.10 ng
 RT: 8.80 min Scan# 631
 Delta R.T. 0.00 min
 Lab File: BF089965.D
 Acq: 1 Sep 2016 12:11

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	216	Resp:	375069
Ion	Ratio	Lower	Upper
216	100		
214	79.1	63.4	95.2
179	21.0	17.3	25.9
108	19.7	15.5	23.3

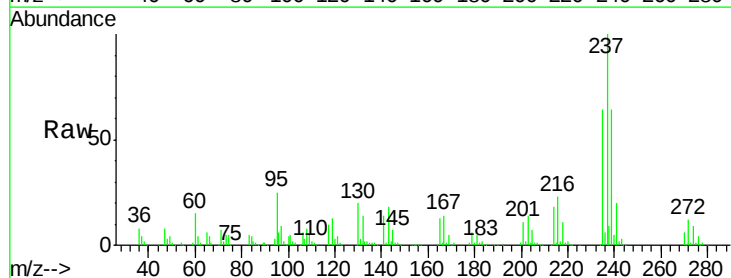


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

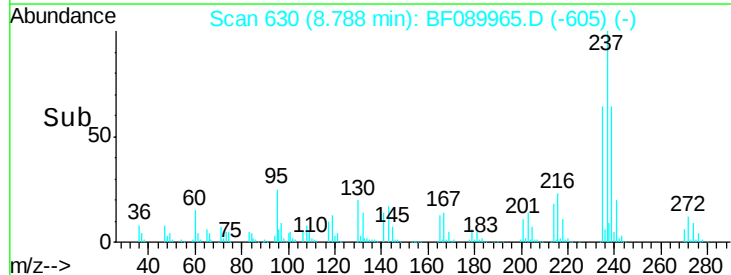
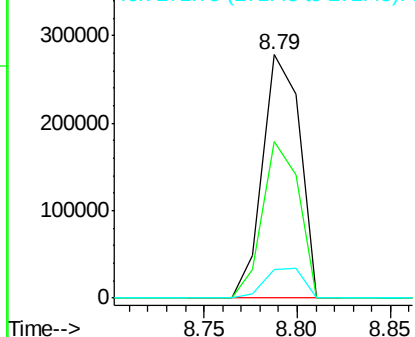


#40
 Hexachlorocyclopentadiene
 Concen: 76.23 ng
 RT: 8.79 min Scan# 630
 Delta R.T. -0.01 min
 Lab File: BF089965.D
 Acq: 1 Sep 2016 12:11

Tgt Ion:	237	Resp:	384782
Ion	Ratio	Lower	Upper
237	100		
235	64.1	39.6	79.6
272	11.7	0.0	34.6



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

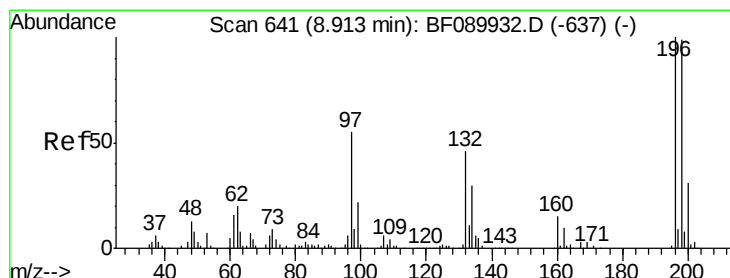
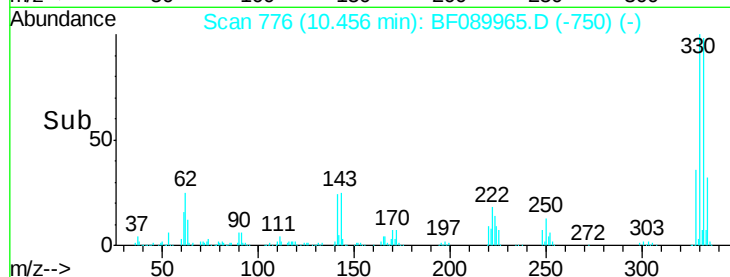
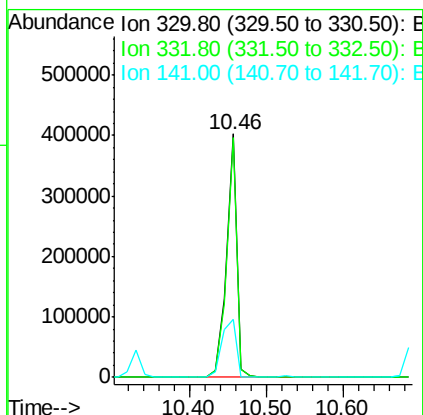
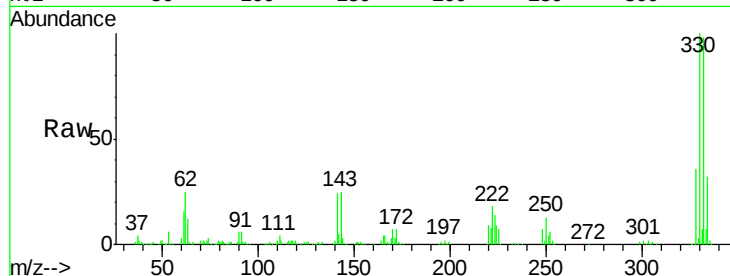




#41
 2,4,6-Tribromophenol
 Concen: 116.85 ng
 RT: 10.46 min Scan# 776
 Delta R.T. 0.00 min
 Lab File: BF089965.D
 Acq: 1 Sep 2016 12:11

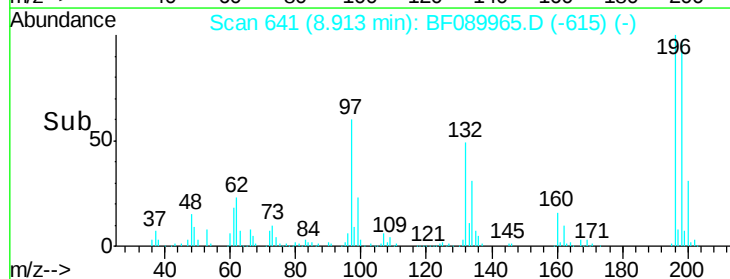
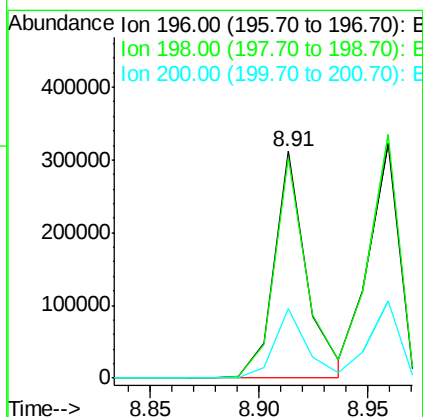
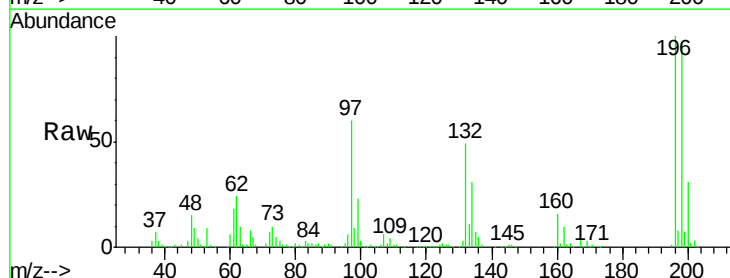
Instrument :
 BNA_F
 ClientSampled :

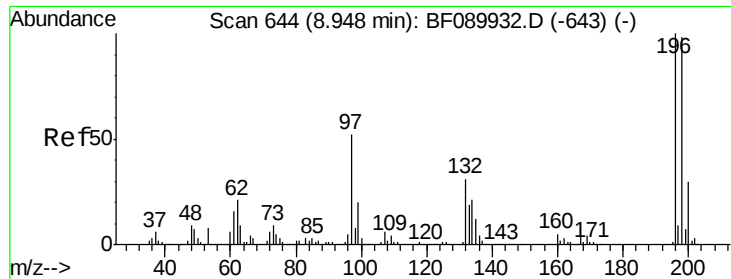
Tot Ion:330 Resp: 387412
 Ion Ratio Lower Upper
 330 100
 332 97.0 78.6 117.8
 141 33.2 23.3 34.9



#42
 2,4,6-Trichlorophenol
 Concen: 47.50 ng
 RT: 8.91 min Scan# 641
 Delta R.T. 0.00 min
 Lab File: BF089965.D
 Acq: 1 Sep 2016 12:11

Tgt Ion:196 Resp: 324082
 Ion Ratio Lower Upper
 196 100
 198 97.3 78.3 117.5
 200 30.8 24.8 37.2

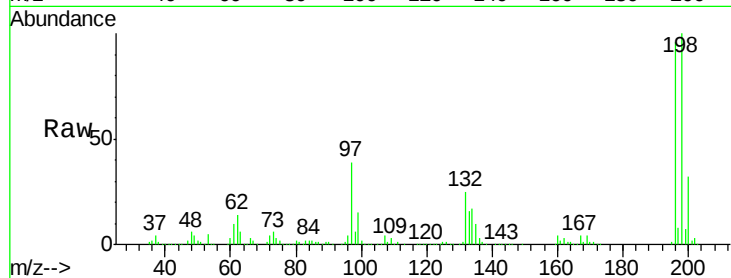




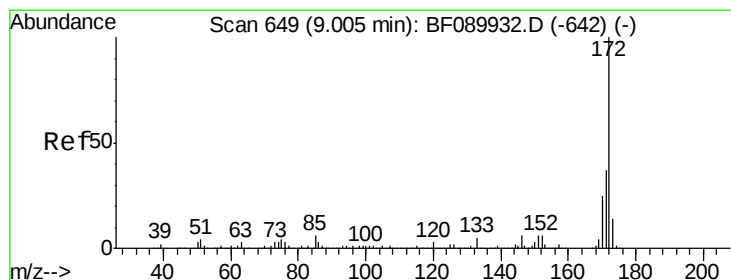
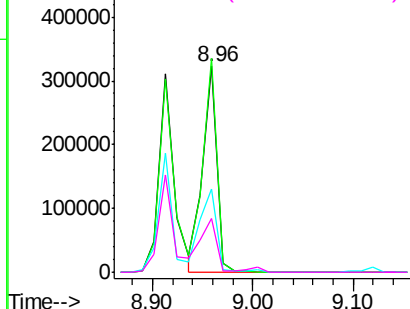
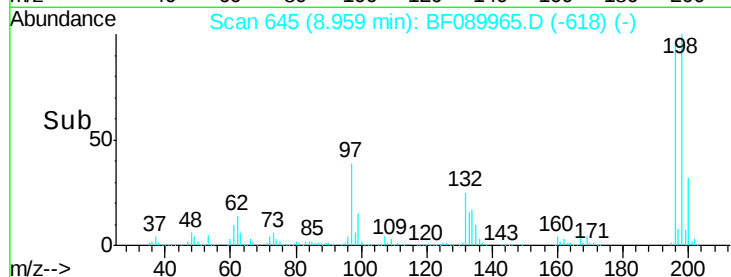
#43
 2,4,5-Trichlorophenol
 Concen: 48.17 ng
 RT: 8.96 min Scan# 645
 Delta R.T. 0.01 min
 Lab File: BF089965.D
 Acq: 1 Sep 2016 12:11

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196 Resp: 316040
 Ion Ratio Lower Upper
 196 100
 198 103.8 80.8 121.2
 97 40.7 44.2 66.4#
 132 26.2 25.8 38.6

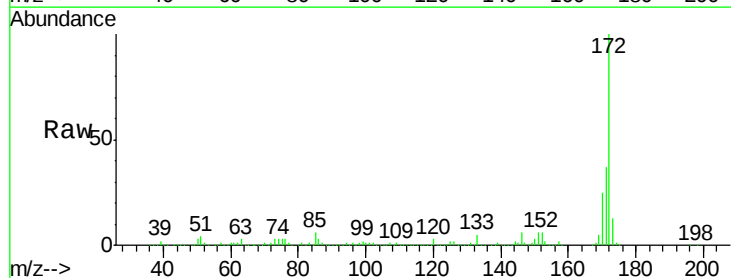


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

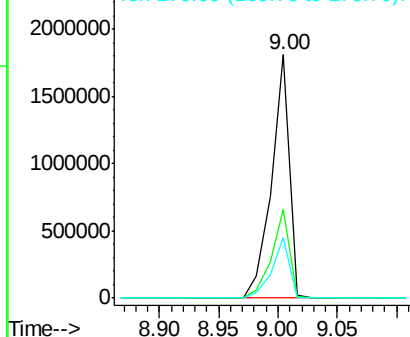
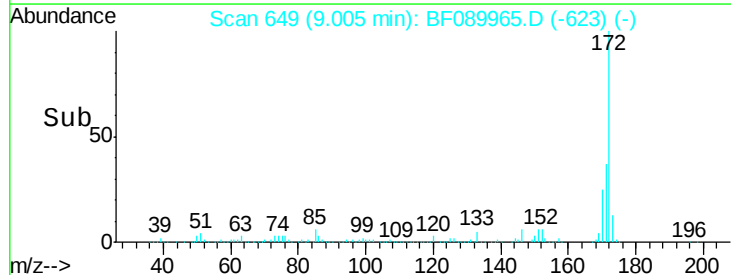


#44
 2-Fluorobiphenyl
 Concen: 92.60 ng
 RT: 9.00 min Scan# 649
 Delta R.T. 0.00 min
 Lab File: BF089965.D
 Acq: 1 Sep 2016 12:11

Tgt Ion:172 Resp: 1895767
 Ion Ratio Lower Upper
 172 100
 171 36.6 29.4 44.2
 170 24.8 20.1 30.1



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

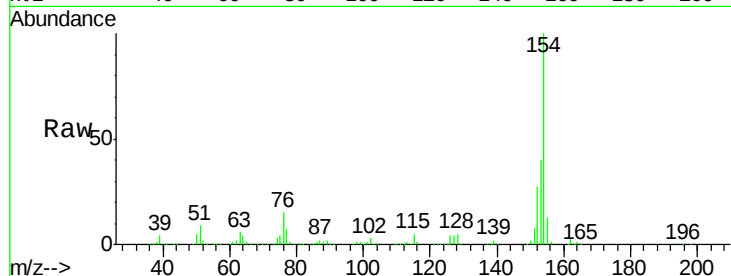




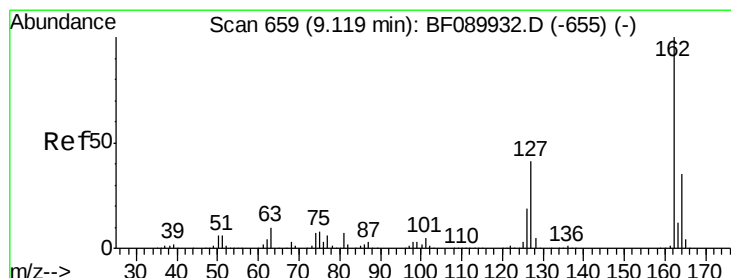
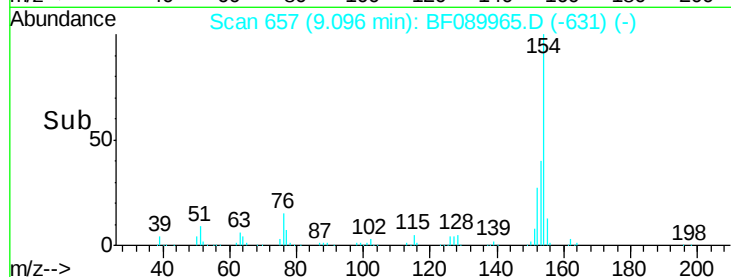
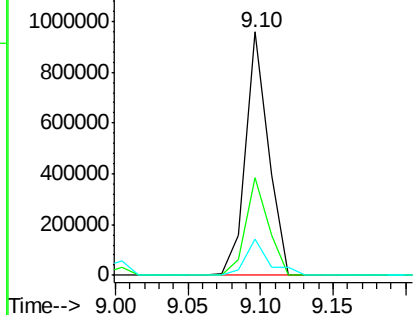
#45
 1,1'-Biphenyl
 Concen: 38.44 ng
 RT: 9.10 min Scan# 657
 Delta R.T. 0.00 min
 Lab File: BF089965.D
 Acq: 1 Sep 2016 12:11

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:154 Resp: 1040131
 Ion Ratio Lower Upper
 154 100
 153 40.3 20.6 60.6
 76 14.7 0.0 34.9

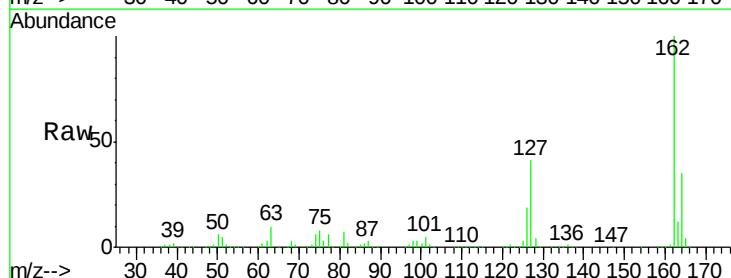


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

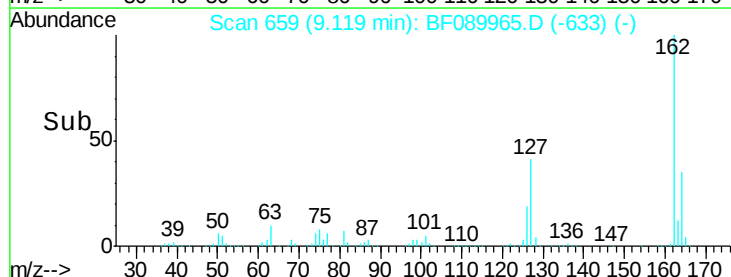
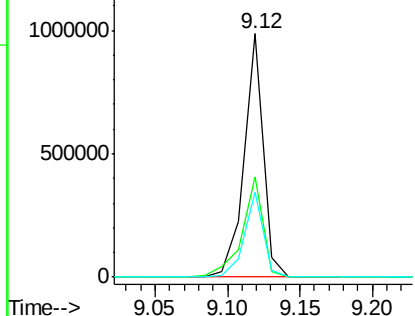


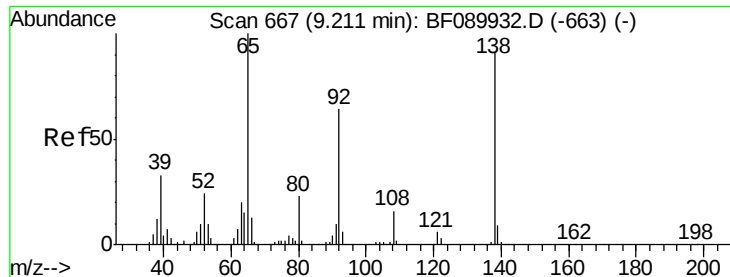
#46
 2-Chloronaphthalene
 Concen: 47.22 ng
 RT: 9.12 min Scan# 659
 Delta R.T. 0.00 min
 Lab File: BF089965.D
 Acq: 1 Sep 2016 12:11

Tgt Ion:162 Resp: 903846
 Ion Ratio Lower Upper
 162 100
 127 40.9 33.5 50.3
 164 34.7 28.2 42.4



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: 50.18 ng

RT: 9.22 min Scan# 668

Delta R.T. 0.01 min

Lab File: BF089965.D

Acq: 1 Sep 2016 12:11

Instrument :

BNA_F

ClientSampleId :

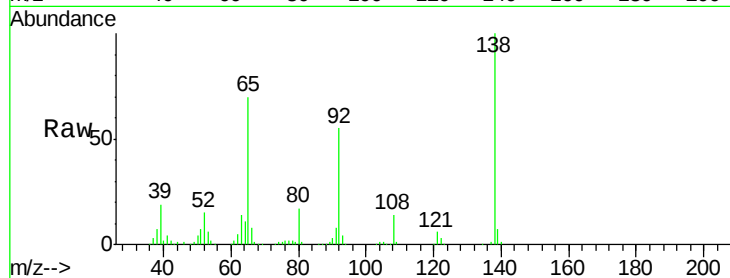
Tot Ion: 65 Resp: 313999

Ion Ratio Lower Upper

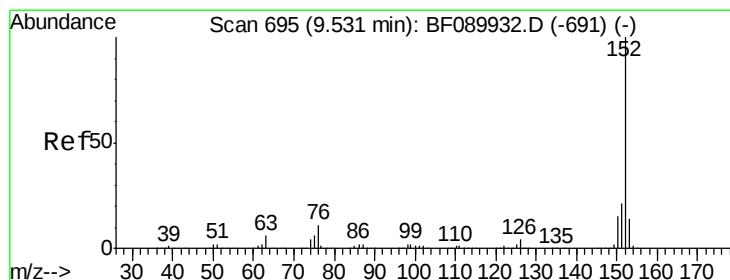
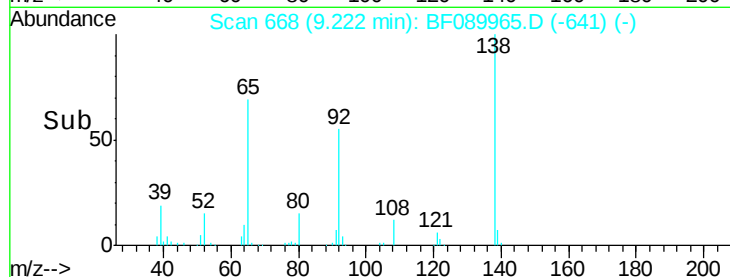
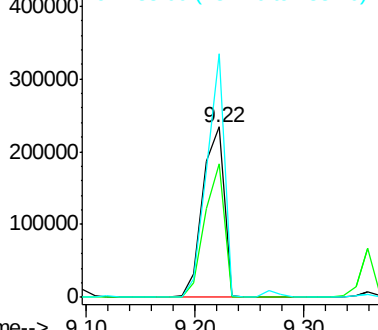
65 100

92 78.3 52.0 78.0#

138 142.7 72.1 108.1#



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



#48

Acenaphthylene

Concen: 43.78 ng

RT: 9.53 min Scan# 695

Delta R.T. 0.00 min

Lab File: BF089965.D

Acq: 1 Sep 2016 12:11

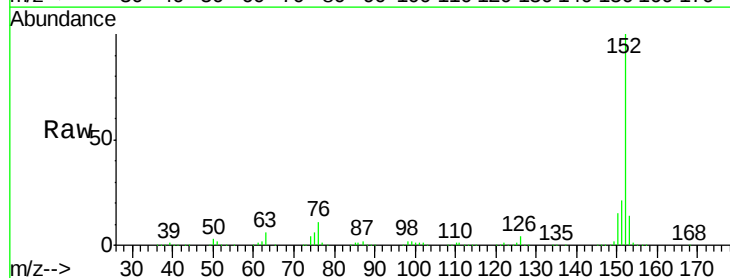
Tgt Ion:152 Resp: 1385621

Ion Ratio Lower Upper

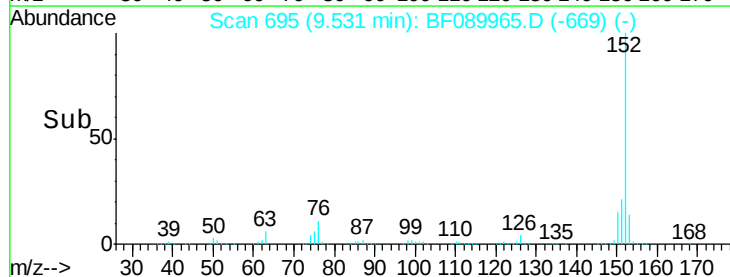
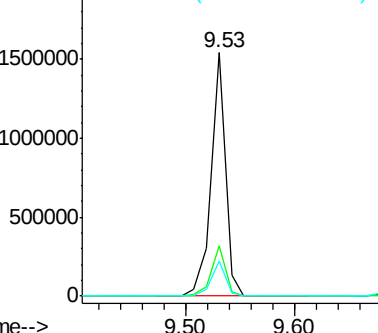
152 100

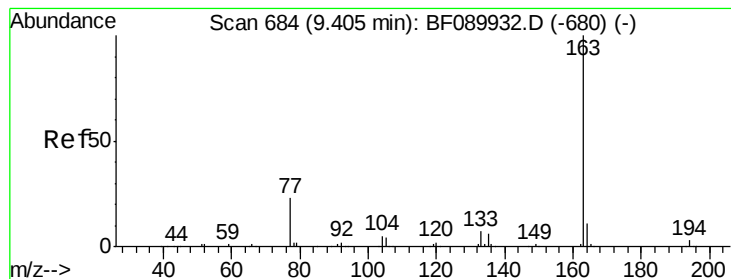
151 20.8 16.7 25.1

153 14.2 11.6 17.4



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





#49

Dimethylphthalate

Concen: 45.00 ng

RT: 9.40 min Scan# 684

Delta R.T. 0.00 min

Lab File: BF089965.D

Acq: 1 Sep 2016 12:11

Instrument :

BNA_F

ClientSampleId :

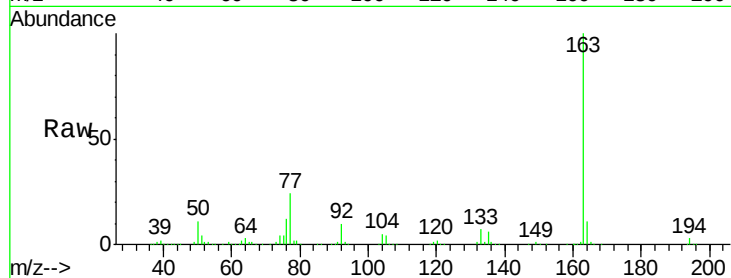
Tot Ion:163 Resp: 1093147

Ion Ratio Lower Upper

163 100

194 3.2 2.7 4.1

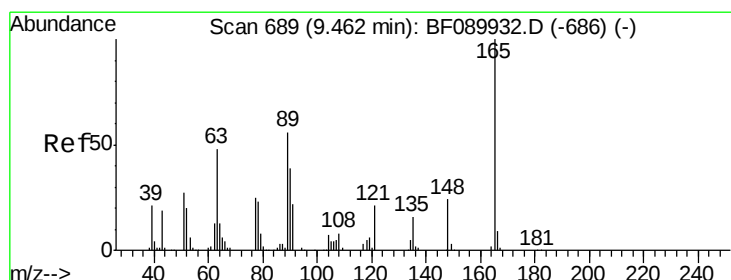
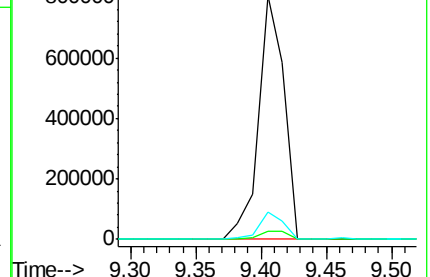
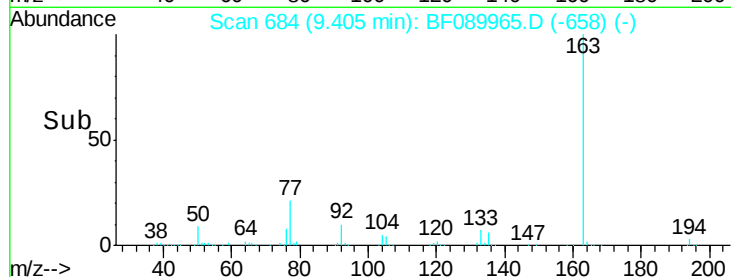
164 11.1 9.0 13.4



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: 43.46 ng

RT: 9.46 min Scan# 689

Delta R.T. 0.00 min

Lab File: BF089965.D

Acq: 1 Sep 2016 12:11

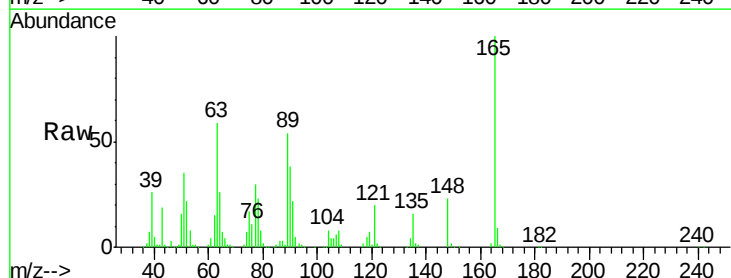
Tgt Ion:165 Resp: 234772

Ion Ratio Lower Upper

165 100

63 59.4 45.0 67.4

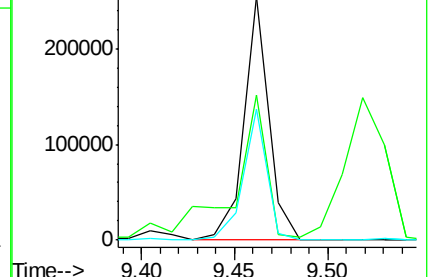
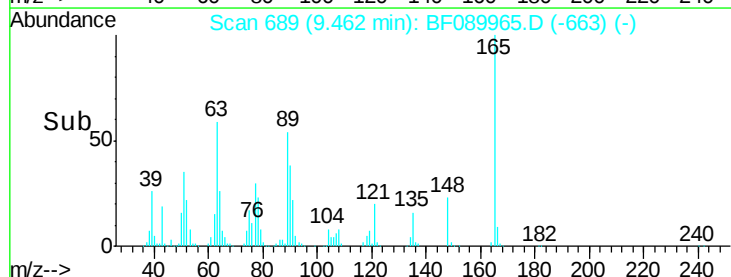
89 53.9 41.5 62.3

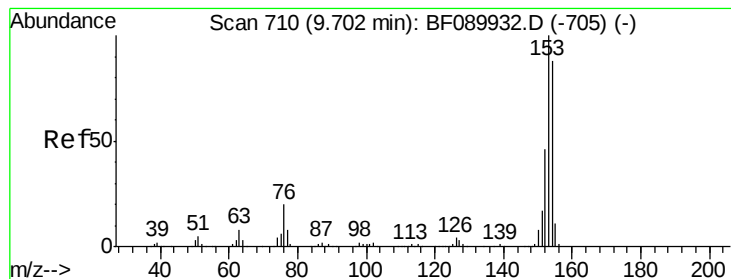


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 47.41 ng

RT: 9.70 min Scan# 710

Delta R.T. 0.00 min

Lab File: BF089965.D

Acq: 1 Sep 2016 12:11

Instrument :

BNA_F

ClientSampleId :

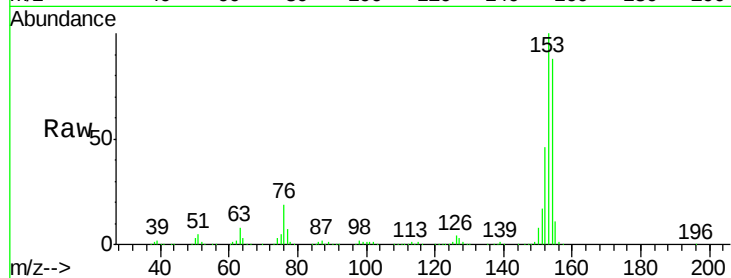
Tot Ion:154 Resp: 950701

Ion Ratio Lower Upper

154 100

153 113.7 90.6 135.8

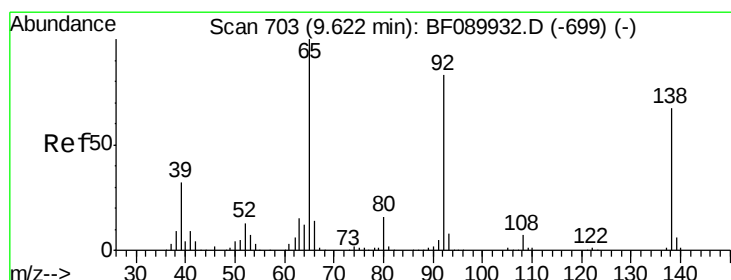
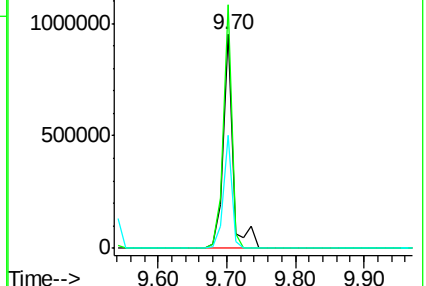
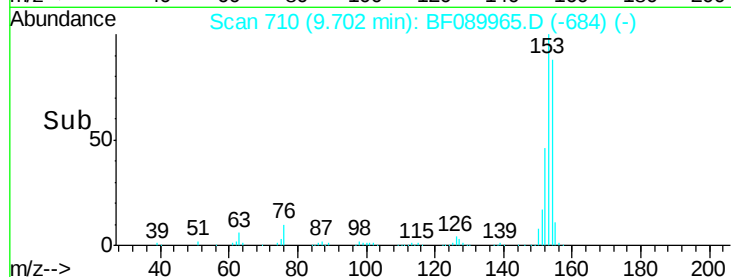
152 52.8 42.4 63.6



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: 25.66 ng

RT: 9.62 min Scan# 703

Delta R.T. 0.00 min

Lab File: BF089965.D

Acq: 1 Sep 2016 12:11

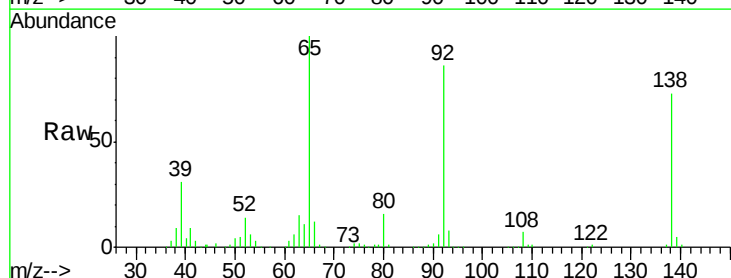
Tgt Ion:138 Resp: 158126

Ion Ratio Lower Upper

138 100

108 10.1 8.3 12.5

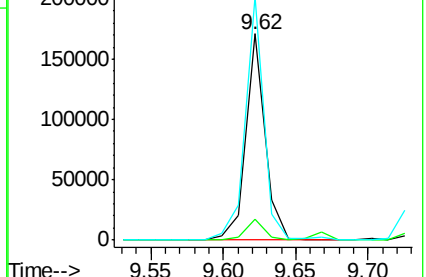
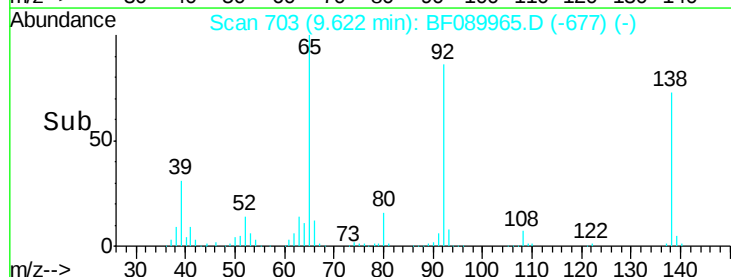
92 118.1 99.1 148.7

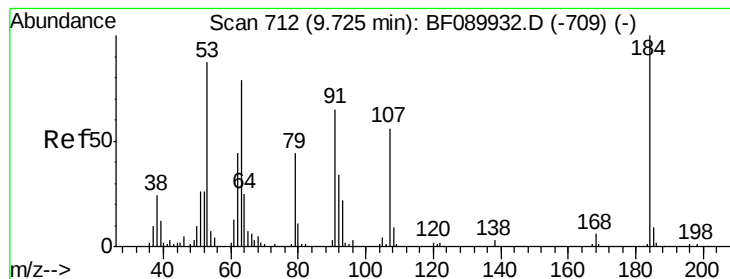


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0





#53

2,4-Dinitrophenol

Concen: 58.19 ng

RT: 9.74 min Scan# 713

Delta R.T. 0.01 min

Lab File: BF089965.D

Acq: 1 Sep 2016 12:11

Instrument :

BNA_F

ClientSampled :

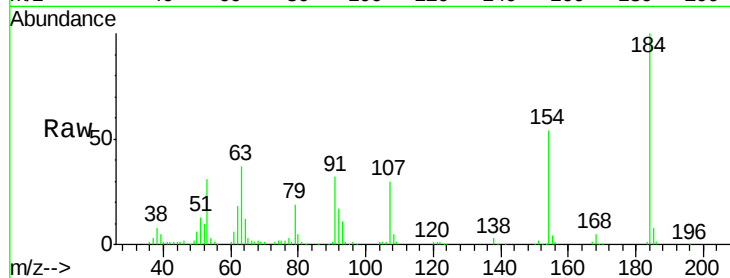
Tot Ion:184 Resp: 185741

Ion Ratio Lower Upper

184 100

63 37.2 73.9 110.9#

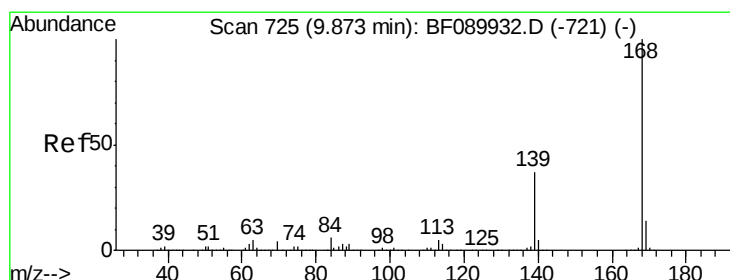
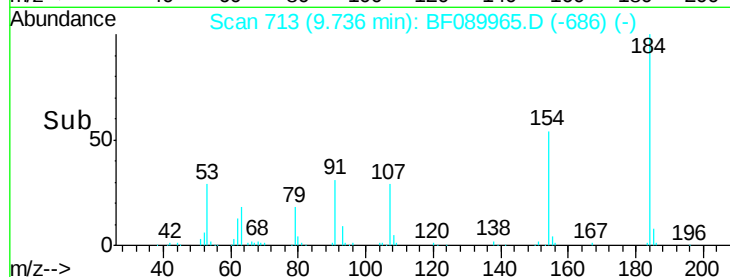
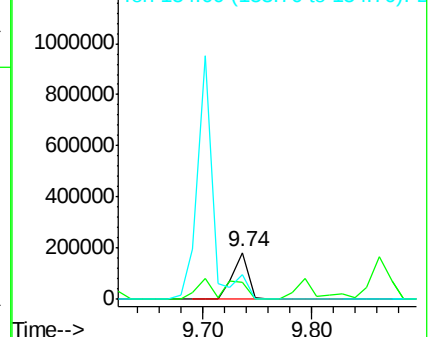
154 53.7 53.5 80.3



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 154.00 (153.70 to 154.70): E



#54

Dibenzofuran

Concen: 45.99 ng

RT: 9.87 min Scan# 725

Delta R.T. 0.00 min

Lab File: BF089965.D

Acq: 1 Sep 2016 12:11

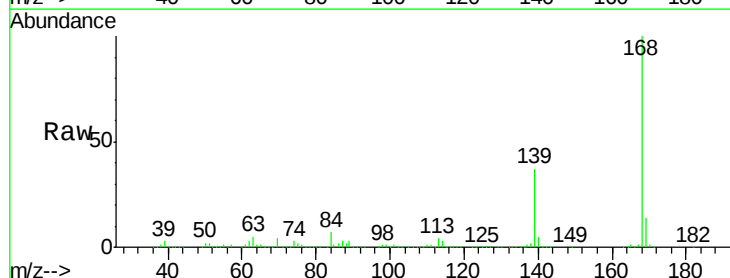
Tgt Ion:168 Resp: 1235741

Ion Ratio Lower Upper

168 100

139 36.9 29.5 44.3

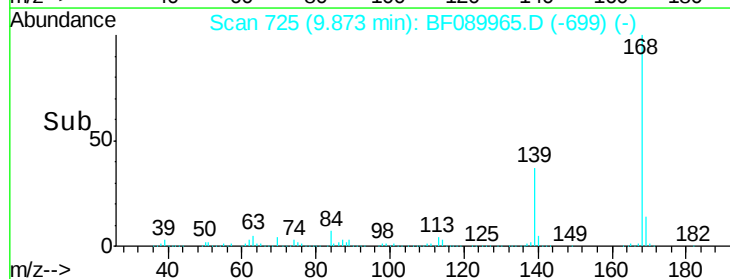
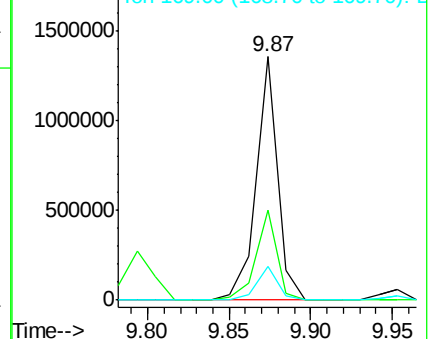
169 13.8 10.8 16.2



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: 74.02 ng

RT: 9.79 min Scan# 718

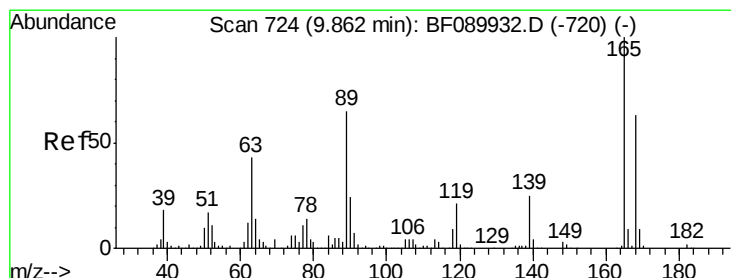
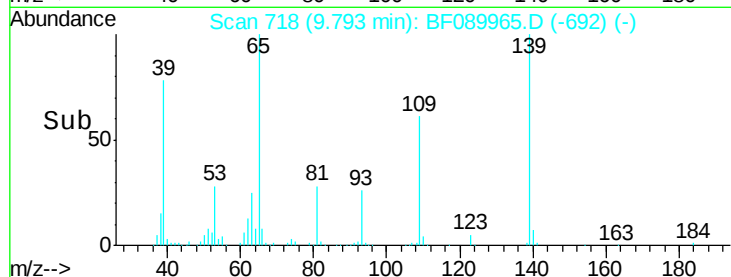
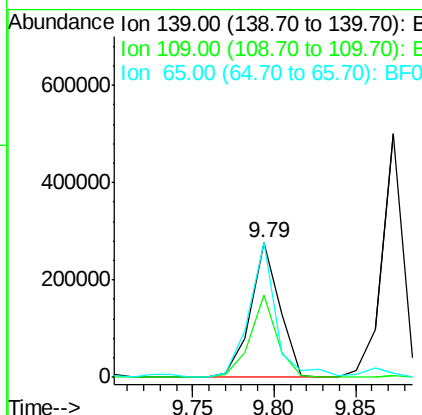
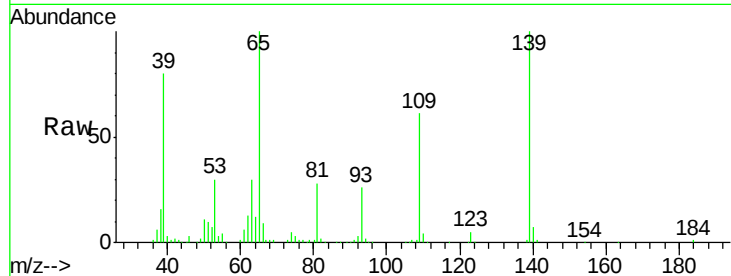
Delta R.T. 0.00 min

Lab File: BF089965.D

Acq: 1 Sep 2016 12:11

Instrument :
BNA_F
ClientSampleId :

Tot Ion:139	Resp:	344012
Ion Ratio	Lower	Upper
139	100	
109	61.5	31.3 71.3
65	100.3	38.5 78.5#



#56

2,4-Dinitrotoluene

Concen: 44.62 ng

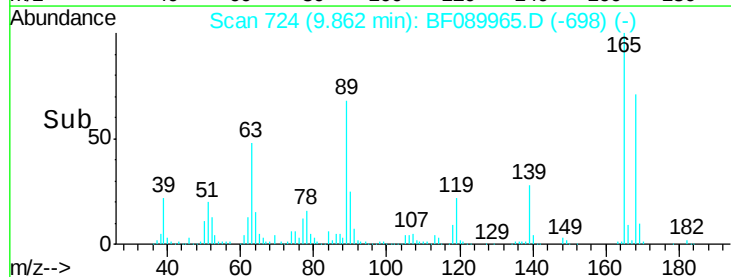
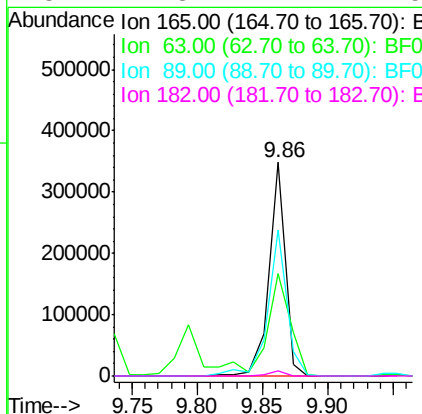
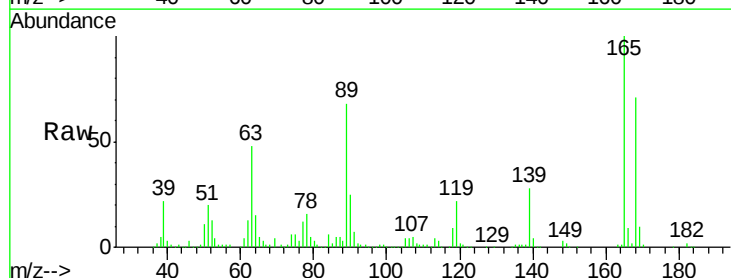
RT: 9.86 min Scan# 724

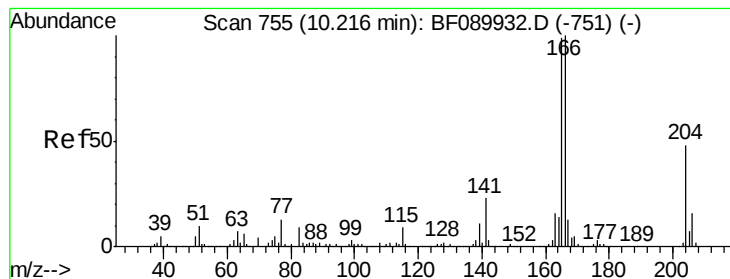
Delta R.T. 0.00 min

Lab File: BF089965.D

Acq: 1 Sep 2016 12:11

Tgt Ion:165	Resp:	305689
Ion Ratio	Lower	Upper
165	100	
63	48.2	32.5 48.7
89	68.4	48.3 72.5
182	2.3	1.7 2.5





#57

Fluorene

Concen: 49.27 ng

RT: 10.22 min Scan# 755

Delta R.T. 0.00 min

Lab File: BF089965.D

Acq: 1 Sep 2016 12:11

Instrument :

BNA_F

ClientSampleId :

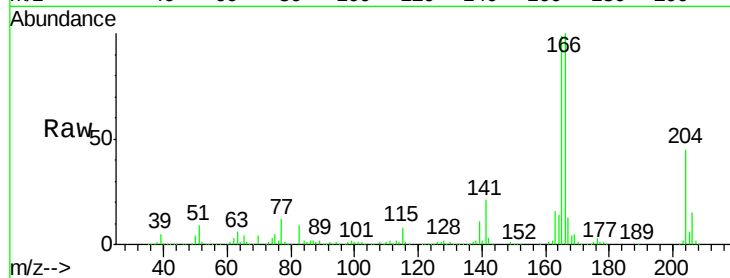
Tot Ion:166 Resp: 967343

Ion Ratio Lower Upper

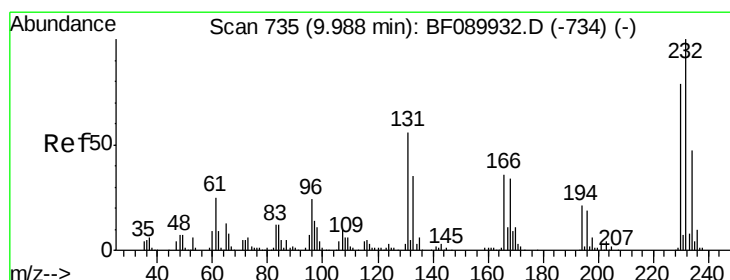
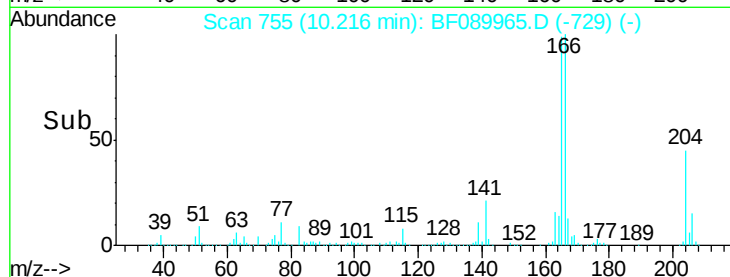
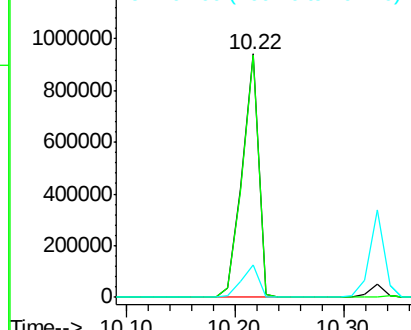
166 100

165 99.5 78.6 118.0

167 13.3 10.6 15.8



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: 46.36 ng

RT: 10.00 min Scan# 736

Delta R.T. 0.01 min

Lab File: BF089965.D

Acq: 1 Sep 2016 12:11

Tgt Ion:232 Resp: 260406

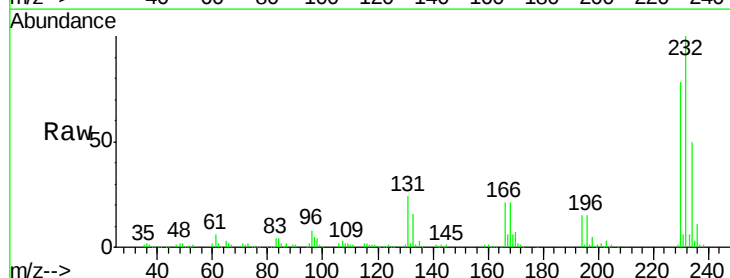
Ion Ratio Lower Upper

232 100

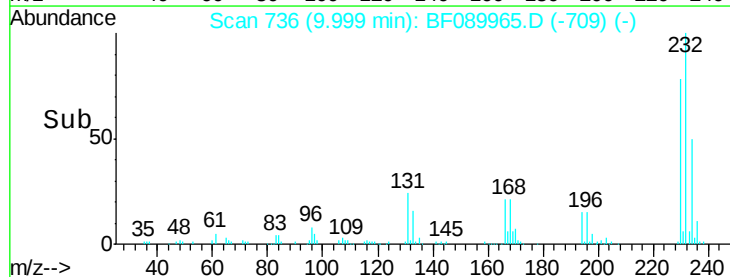
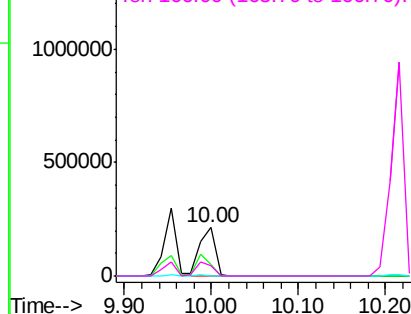
131 42.0 36.3 54.5

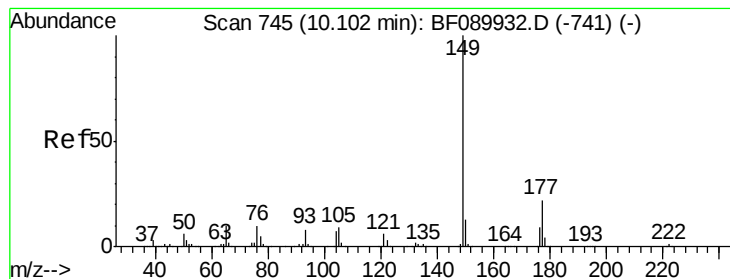
130 1.9 1.7 2.5

166 29.6 24.4 36.6



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: 44.68 ng

RT: 10.10 min Scan# 745

Delta R.T. 0.00 min

Lab File: BF089965.D

Acq: 1 Sep 2016 12:11

Instrument :

BNA_F

ClientSampleId :

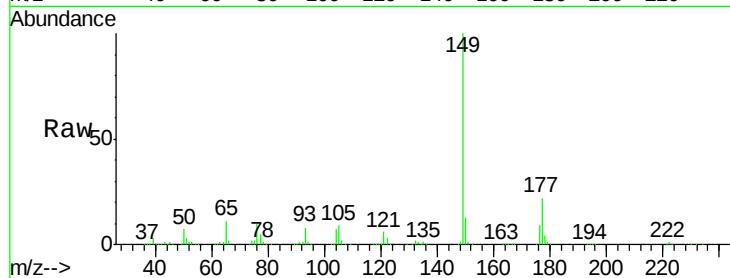
Tot Ion:149 Resp: 1020937

Ion Ratio Lower Upper

149 100

177 22.2 17.7 26.5

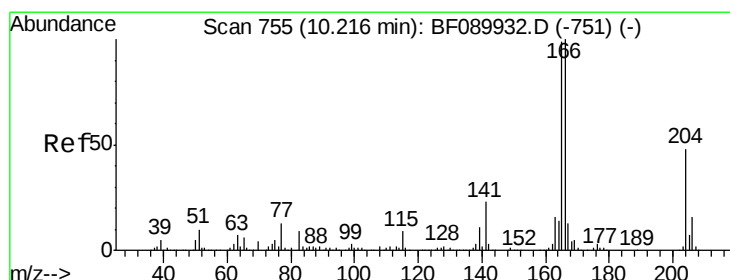
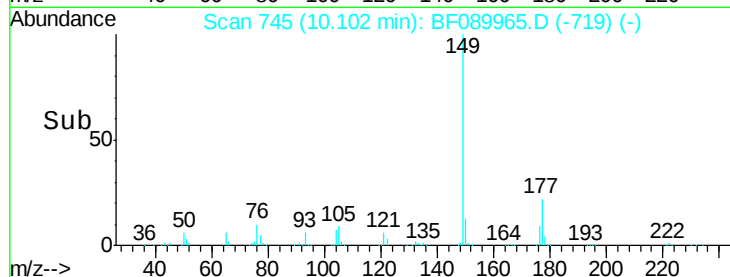
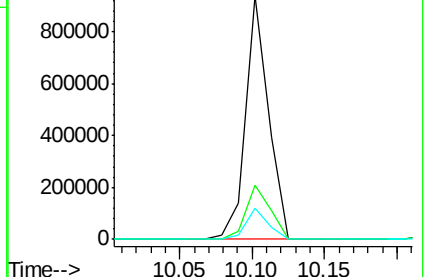
150 12.7 10.2 15.2



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: 48.49 ng

RT: 10.22 min Scan# 755

Delta R.T. 0.00 min

Lab File: BF089965.D

Acq: 1 Sep 2016 12:11

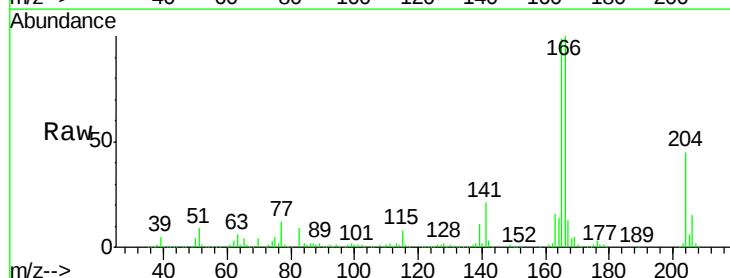
Tgt Ion:204 Resp: 448065

Ion Ratio Lower Upper

204 100

206 32.4 26.6 40.0

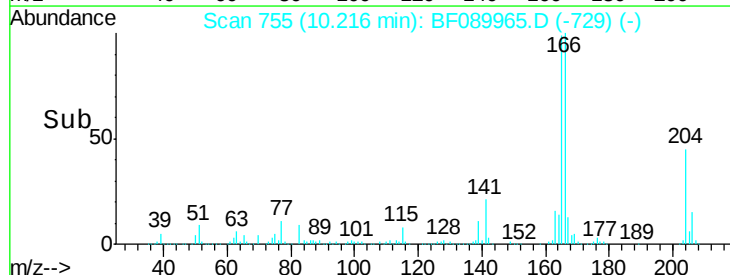
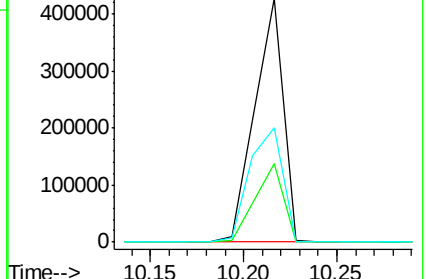
141 47.2 36.5 54.7



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: 42.84 ng

RT: 10.24 min Scan# 757

Delta R.T. 0.00 min

Lab File: BF089965.D

Acq: 1 Sep 2016 12:11

Instrument :

BNA_F

ClientSampleId :

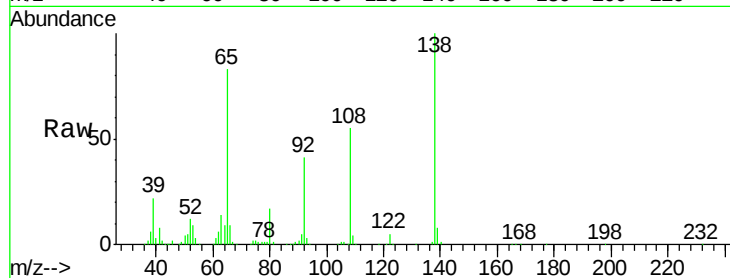
Tot Ion:138 Resp: 259353

Ion Ratio Lower Upper

138 100

92 40.7 21.2 61.2

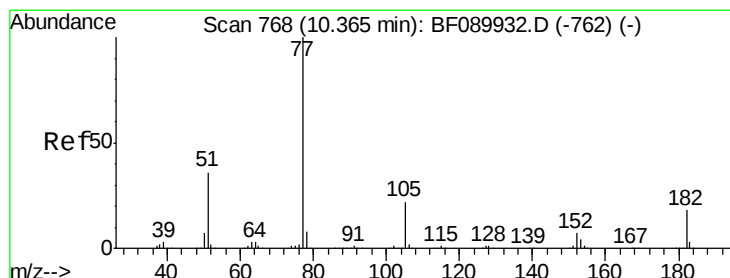
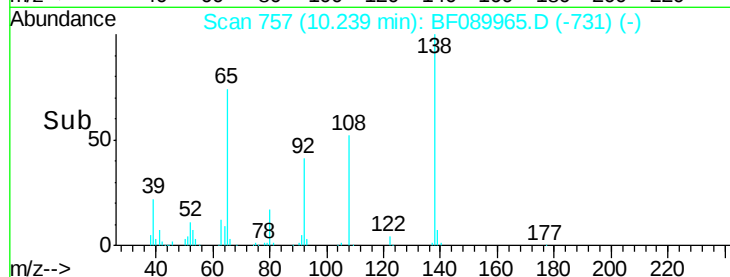
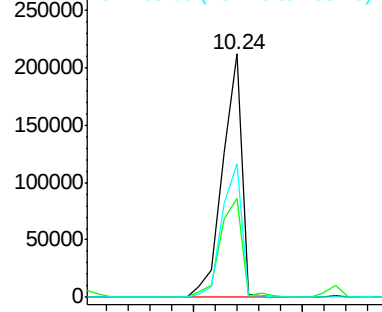
108 55.0 37.7 77.7



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: 46.57 ng

RT: 10.36 min Scan# 768

Delta R.T. 0.00 min

Lab File: BF089965.D

Acq: 1 Sep 2016 12:11

Tgt Ion: 77 Resp: 1062836

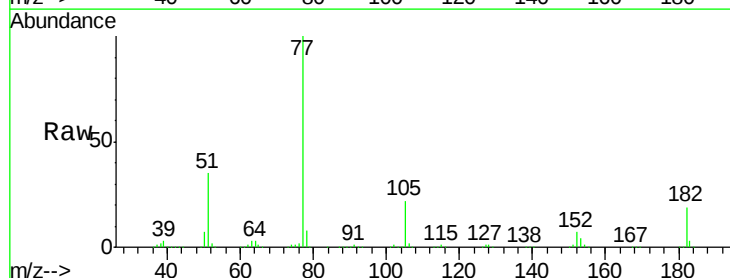
Ion Ratio Lower Upper

77 100

182 19.1 0.0 38.6

105 22.4 2.3 42.3

51 35.4 15.1 55.1

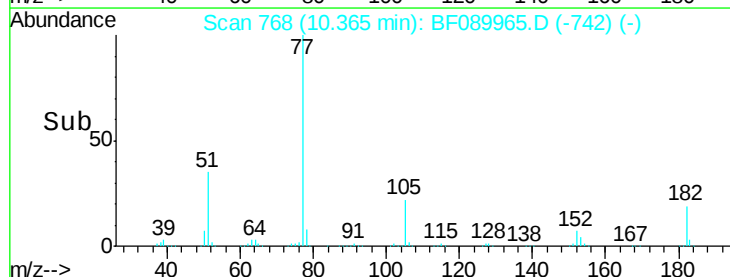
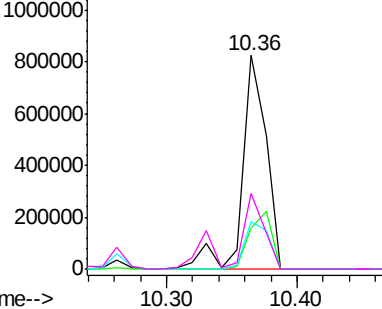


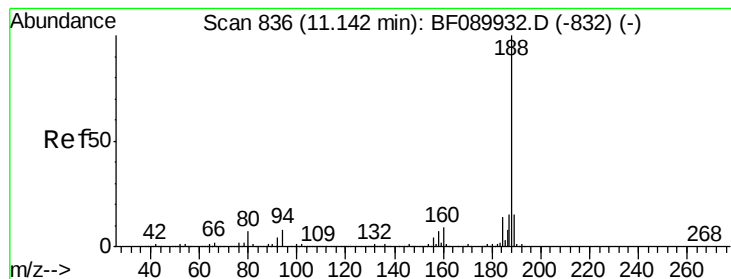
Abundance Ion 77.00 (76.70 to 77.70): BF0

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: 11.14 min Scan# 836

Delta R.T. 0.00 min

Lab File: BF089965.D

Acq: 1 Sep 2016 12:11

Instrument :

BNA_F

ClientSampleId :

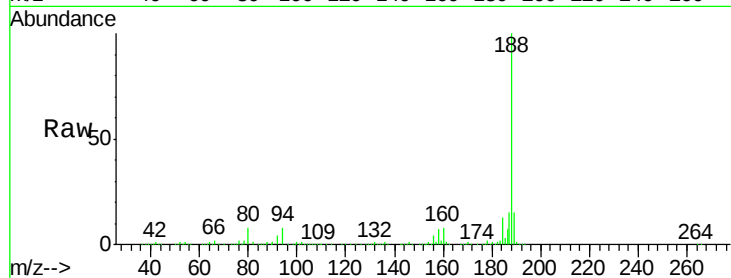
Tot Ion:188 Resp: 572920

Ion Ratio Lower Upper

188 100

94 8.0 5.9 8.9

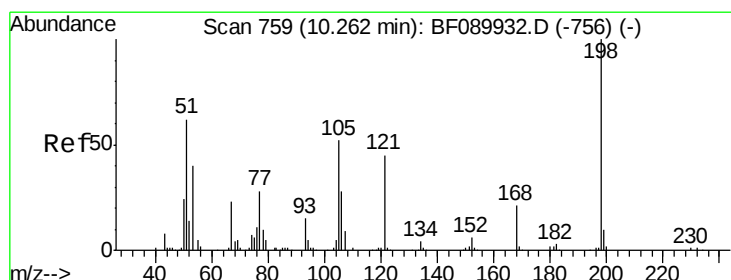
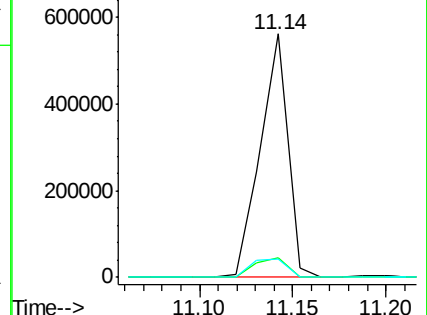
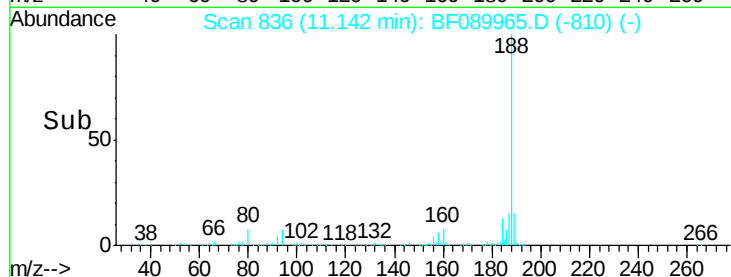
80 7.7 5.8 8.8



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: 34.48 ng

RT: 10.26 min Scan# 759

Delta R.T. 0.00 min

Lab File: BF089965.D

Acq: 1 Sep 2016 12:11

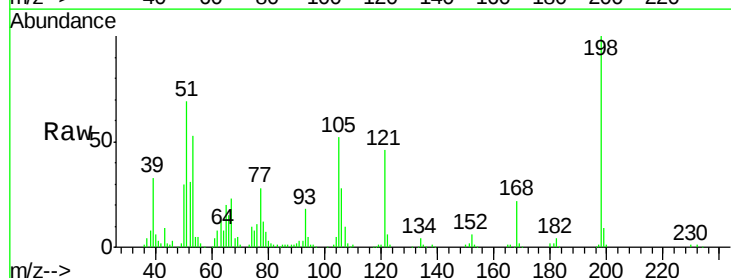
Tgt Ion:198 Resp: 126477

Ion Ratio Lower Upper

198 100

51 69.3 43.0 83.0

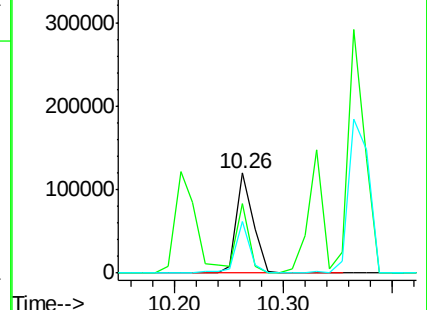
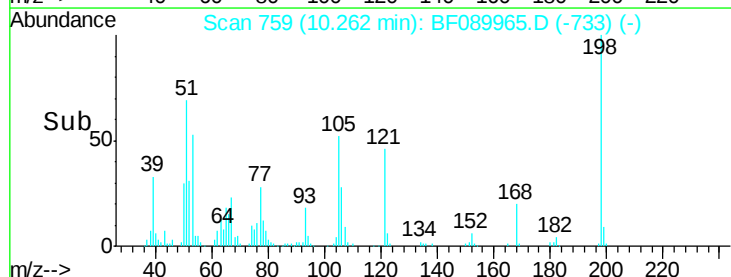
105 51.8 30.3 70.3

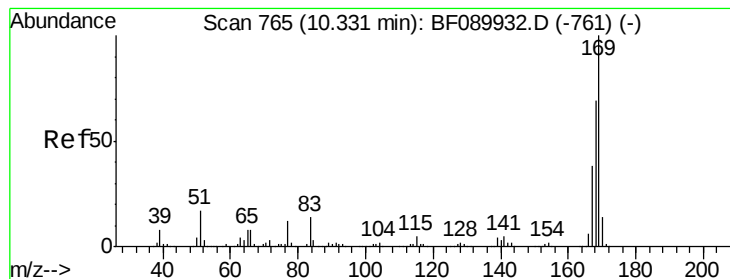


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E

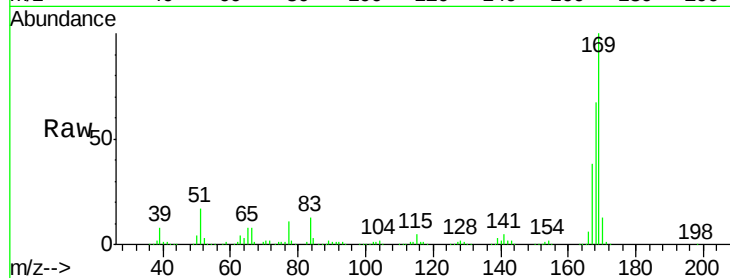




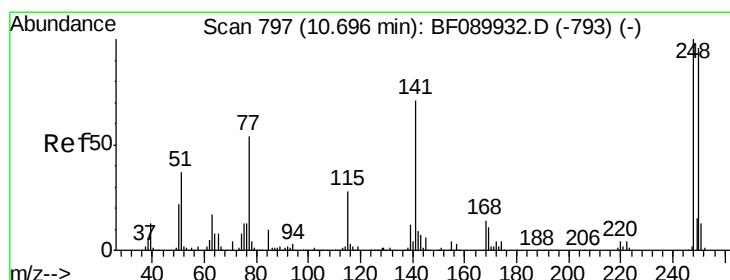
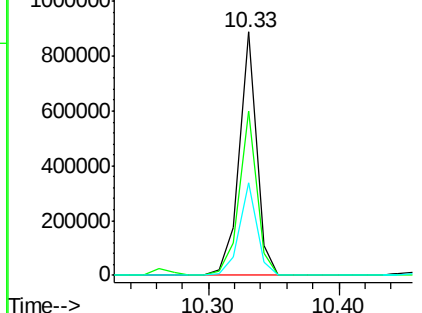
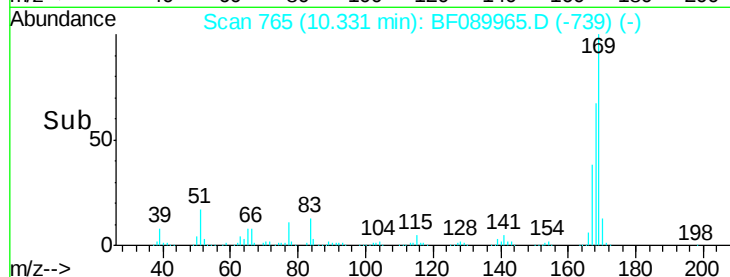
#65
 n-Nitrosodiphenylamine
 Concen: 47.72 ng
 RT: 10.33 min Scan# 765
 Delta R.T. 0.00 min
 Lab File: BF089965.D
 Acq: 1 Sep 2016 12:11

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ion	Ratio	Lower	Upper
169	100			
168	67.4	55.0	82.4	
167	37.8	30.5	45.7	

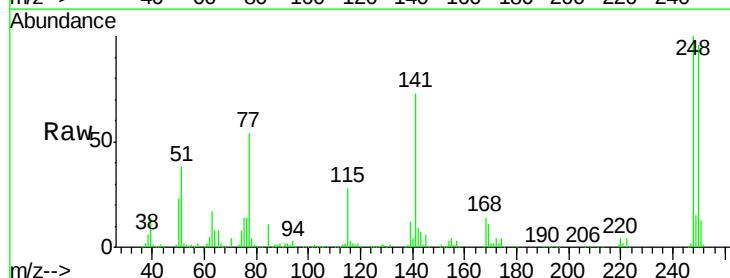


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

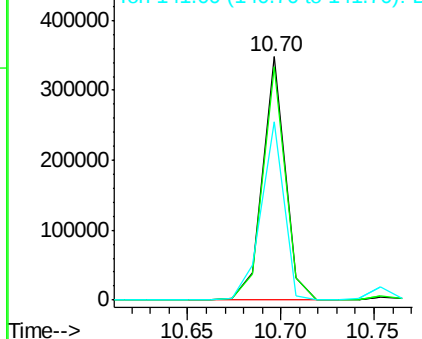
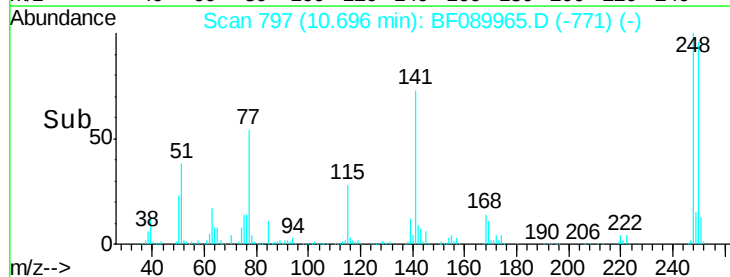


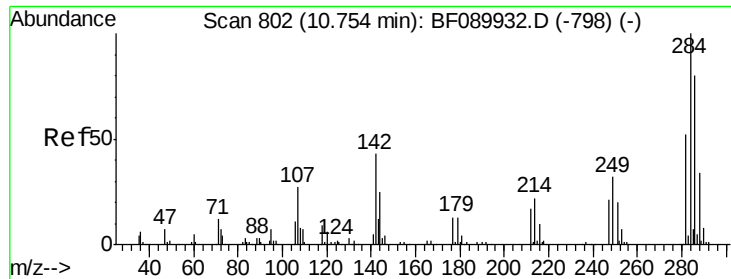
#66
 4-Bromophenyl-phenylether
 Concen: 50.03 ng
 RT: 10.70 min Scan# 797
 Delta R.T. 0.00 min
 Lab File: BF089965.D
 Acq: 1 Sep 2016 12:11

Tgt Ion	Ion	Ratio	Lower	Upper
248	100			
250	95.7	77.3	115.9	
141	73.2	55.8	83.8	



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

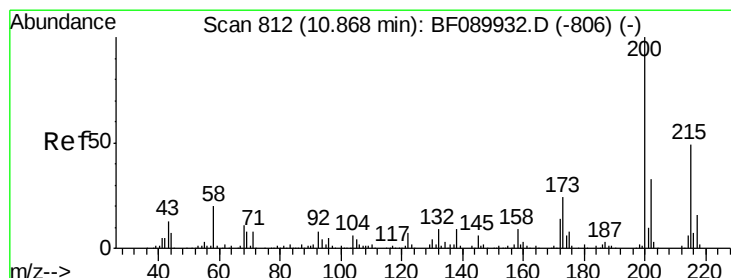
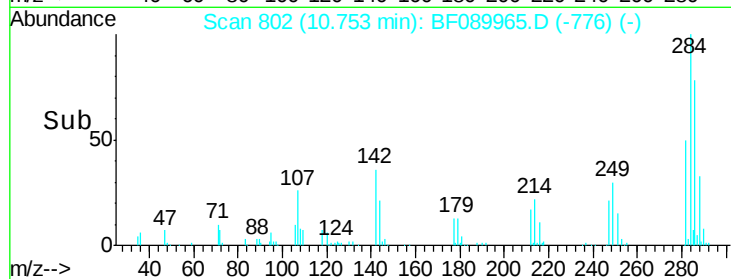
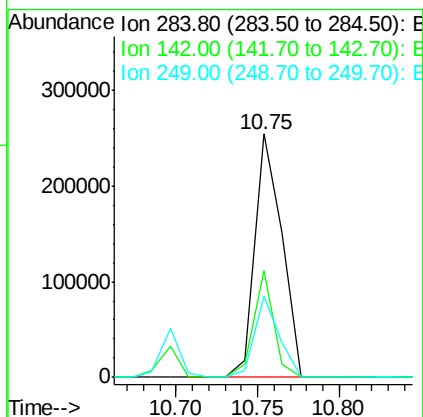
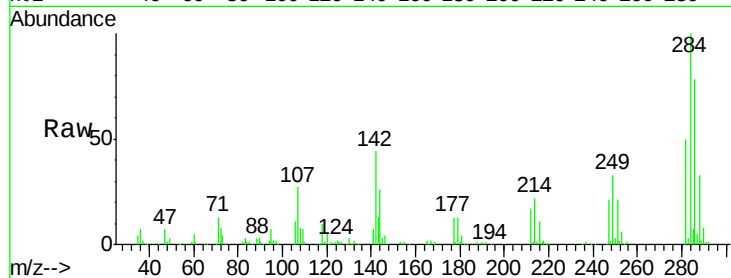




#67
Hexachlorobenzene
Concen: 44.27 ng
RT: 10.75 min Scan# 802
Delta R.T. 0.00 min
Lab File: BF089965.D
Acq: 1 Sep 2016 12:11

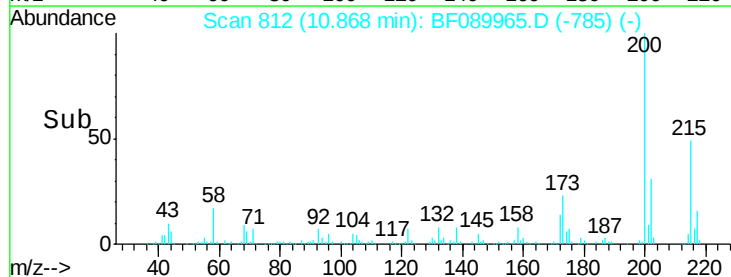
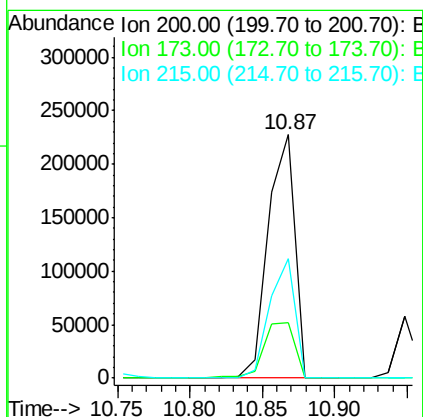
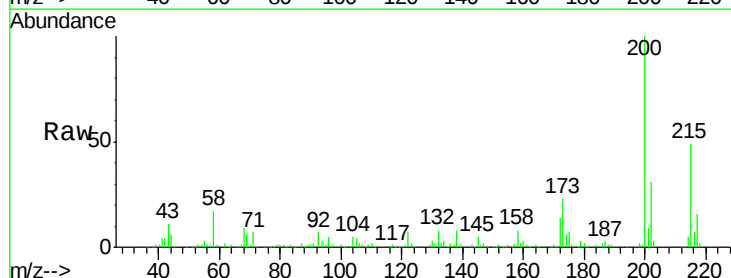
Instrument :
BNA_F
ClientSampleId :

Tot Ion:284 Resp: 291693
Ion Ratio Lower Upper
284 100
142 44.1 32.7 49.1
249 33.4 26.9 40.3



#68
Atrazine
Concen: 50.32 ng
RT: 10.87 min Scan# 812
Delta R.T. 0.01 min
Lab File: BF089965.D
Acq: 1 Sep 2016 12:11

Tgt Ion:200 Resp: 289340
Ion Ratio Lower Upper
200 100
173 22.6 9.4 49.4
215 49.2 24.5 64.5





#69

Pentachlorophenol

Concen: 83.31 ng

RT: 10.95 min Scan# 819

Delta R.T. 0.00 min

Lab File: BF089965.D

Acq: 1 Sep 2016 12:11

Instrument :
BNA_F
ClientSampleId :

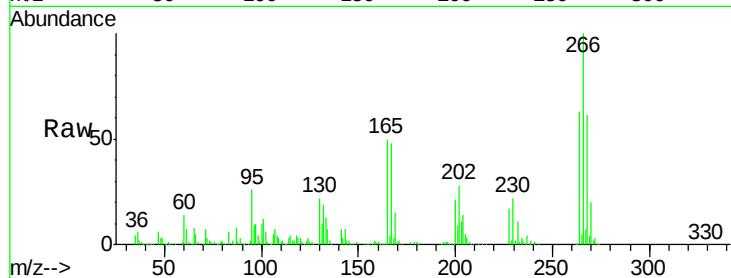
Tot Ion:266 Resp: 295293

Ion Ratio Lower Upper

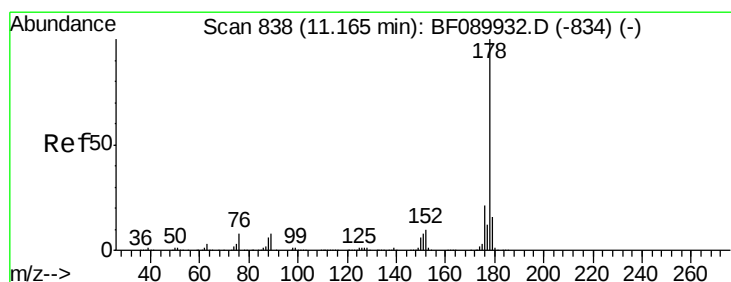
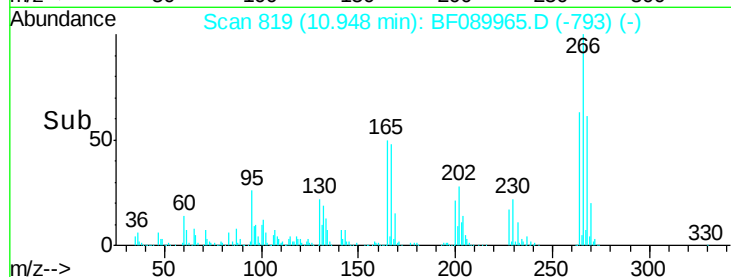
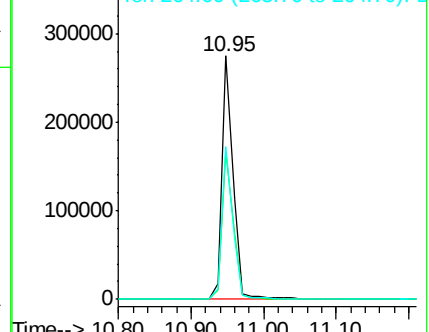
266 100

268 60.7 51.0 76.6

264 62.7 50.6 75.8



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: 47.24 ng

RT: 11.16 min Scan# 838

Delta R.T. 0.00 min

Lab File: BF089965.D

Acq: 1 Sep 2016 12:11

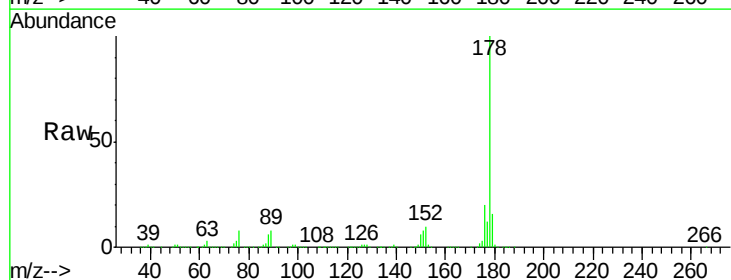
Tgt Ion:178 Resp: 1347735

Ion Ratio Lower Upper

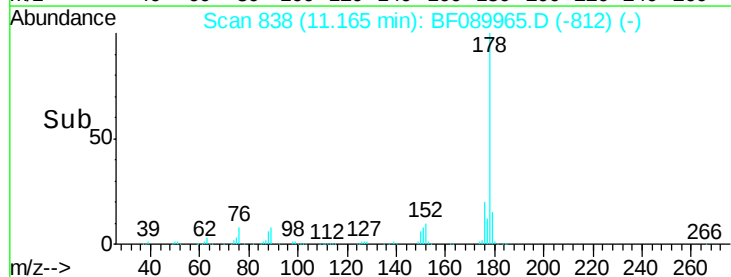
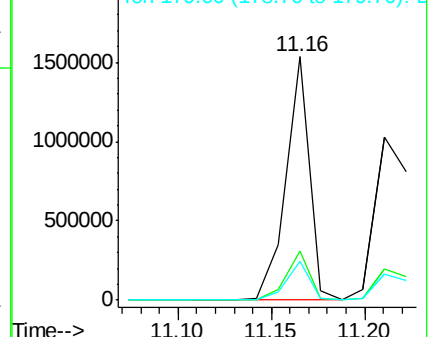
178 100

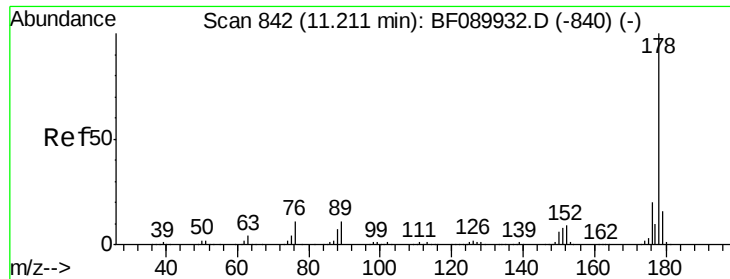
176 20.0 16.5 24.7

179 15.7 12.8 19.2



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

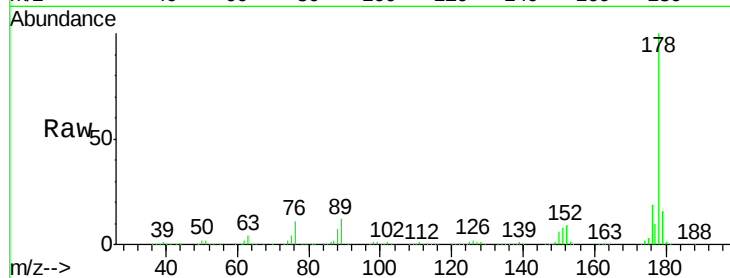




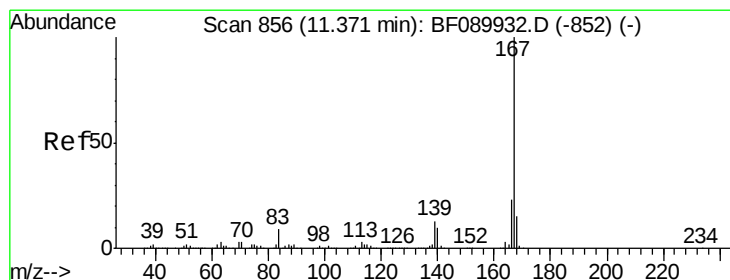
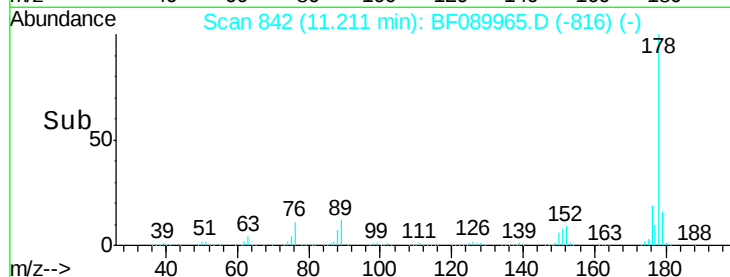
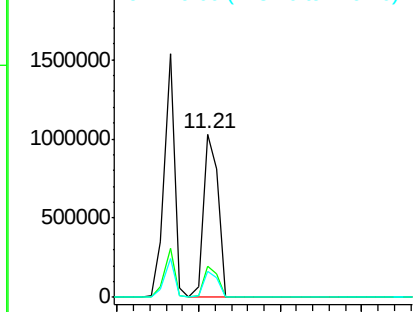
#71
 Anthracene
 Concen: 45.57 ng
 RT: 11.21 min Scan# 842
 Delta R.T. 0.00 min
 Lab File: BF089965.D
 Acq: 1 Sep 2016 12:11

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:178 Resp: 1318629
 Ion Ratio Lower Upper
 178 100
 176 19.4 15.8 23.8
 179 15.9 13.0 19.4

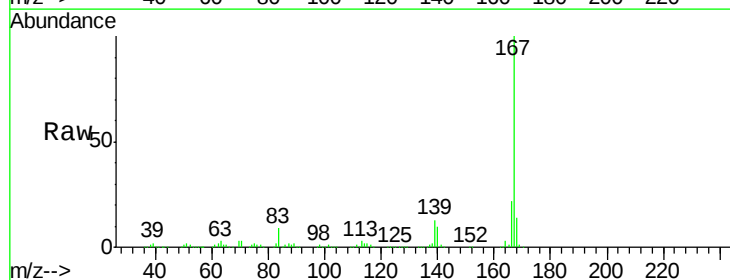


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

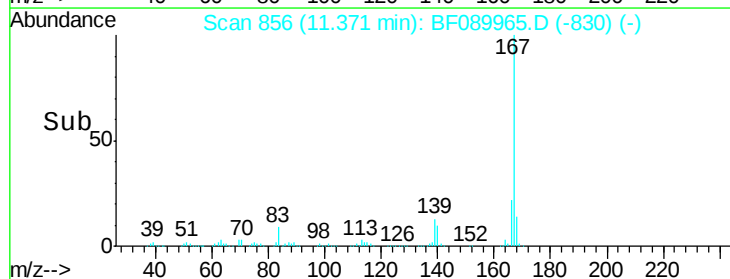
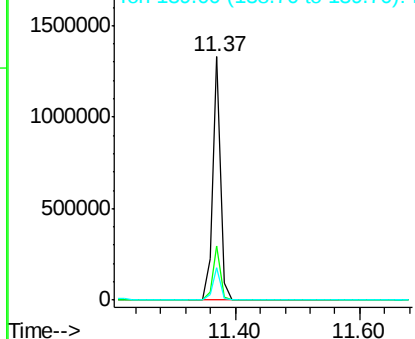


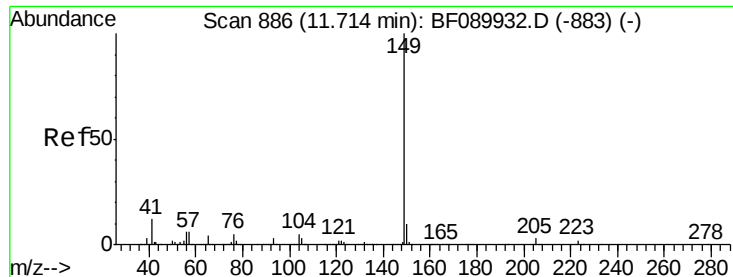
#72
 Carbazole
 Concen: 42.39 ng
 RT: 11.37 min Scan# 856
 Delta R.T. 0.00 min
 Lab File: BF089965.D
 Acq: 1 Sep 2016 12:11

Tgt Ion:167 Resp: 1150165
 Ion Ratio Lower Upper
 167 100
 166 22.4 18.1 27.1
 139 13.2 10.4 15.6



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





#73

Di-n-butylphthalate

Concen: 48.03 ng

RT: 11.73 min Scan# 887

Delta R.T. 0.01 min

Lab File: BF089965.D

Acq: 1 Sep 2016 12:11

Instrument :

BNA_F

ClientSampleId :

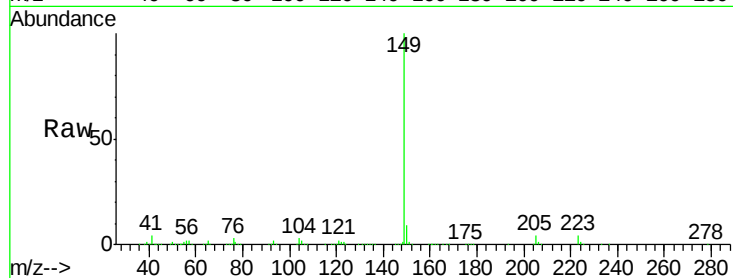
Tot Ion:149 Resp: 1519016

Ion Ratio Lower Upper

149 100

150 8.9 7.8 11.8

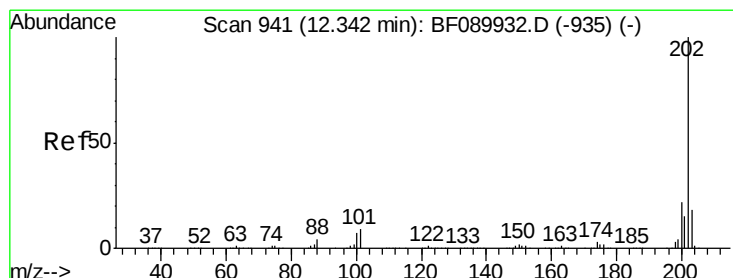
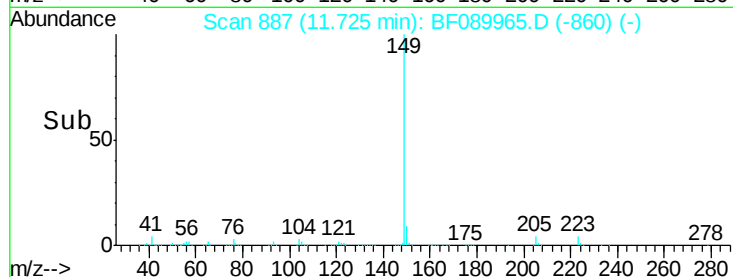
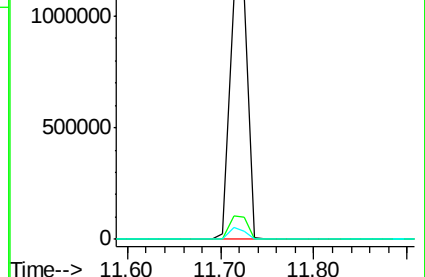
104 3.2 3.9 5.9#



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: 44.47 ng

RT: 12.34 min Scan# 941

Delta R.T. 0.00 min

Lab File: BF089965.D

Acq: 1 Sep 2016 12:11

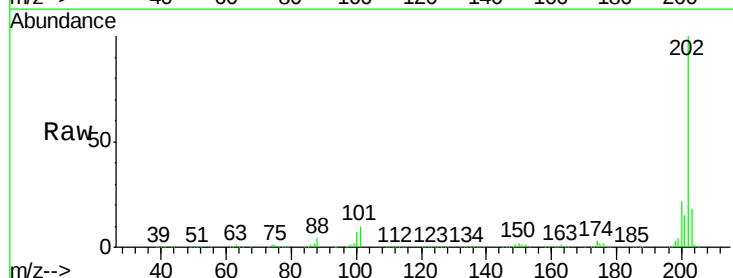
Tgt Ion:202 Resp: 1329535

Ion Ratio Lower Upper

202 100

101 9.9 0.0 28.5

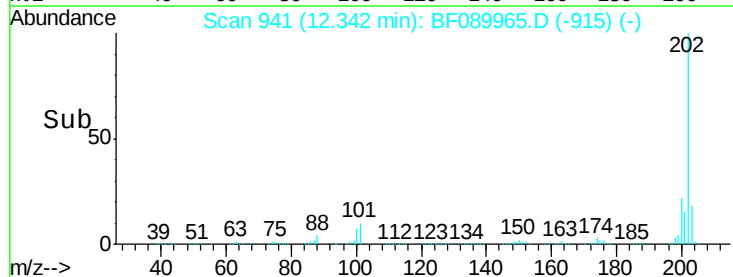
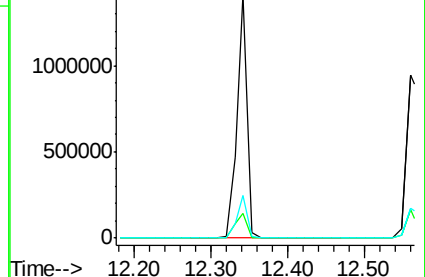
203 17.8 0.0 38.0

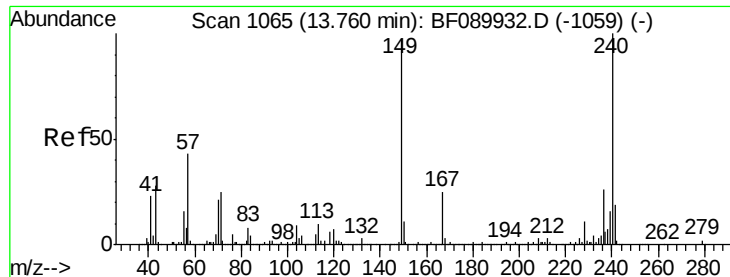


Abundance Ion 202.00 (201.70 to 202.70): E

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. 0.00 min

Lab File: BF089965.D

Acq: 1 Sep 2016 12:11

Instrument :

BNA_F

ClientSampleId :

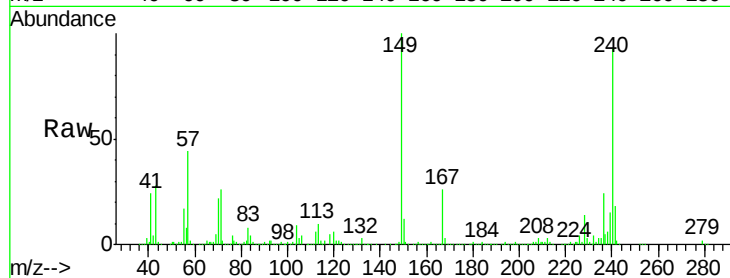
Tot Ion:240 Resp: 408444

Ion Ratio Lower Upper

240 100

120 6.9 5.7 8.5

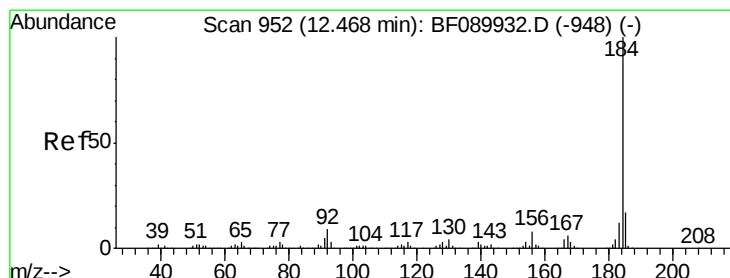
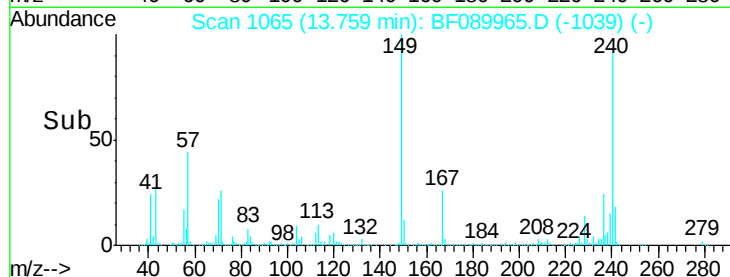
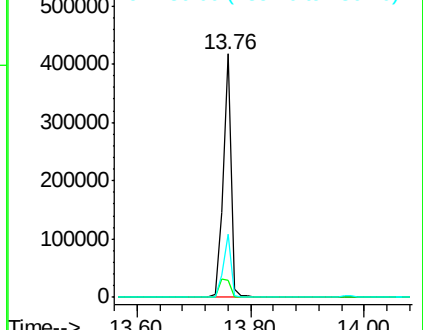
236 26.1 21.3 31.9



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: 28.83 ng

RT: 12.47 min Scan# 952

Delta R.T. 0.00 min

Lab File: BF089965.D

Acq: 1 Sep 2016 12:11

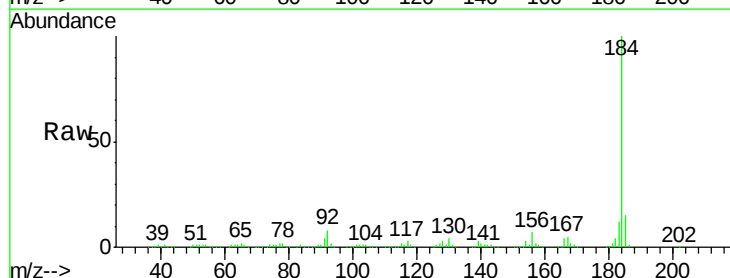
Tgt Ion:184 Resp: 446143

Ion Ratio Lower Upper

184 100

185 14.7 13.8 20.8

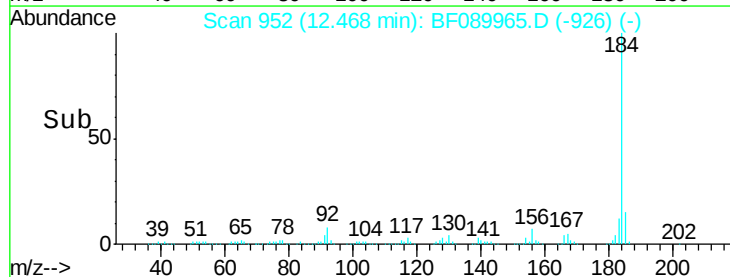
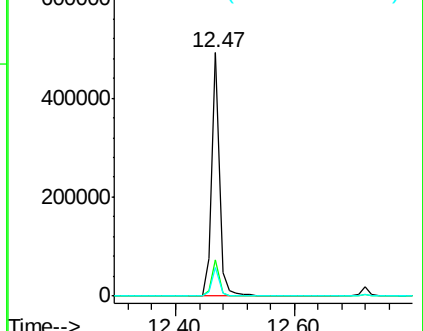
183 11.5 9.6 14.4

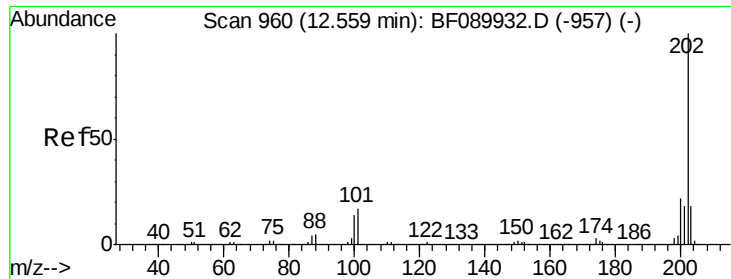


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

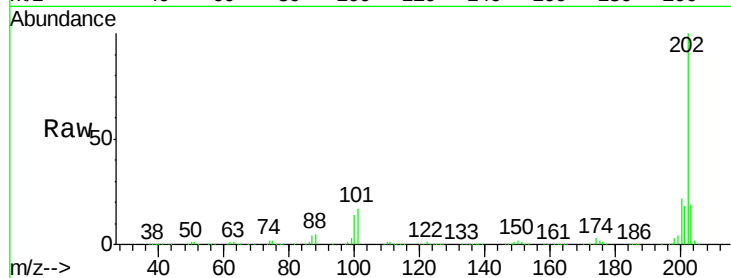




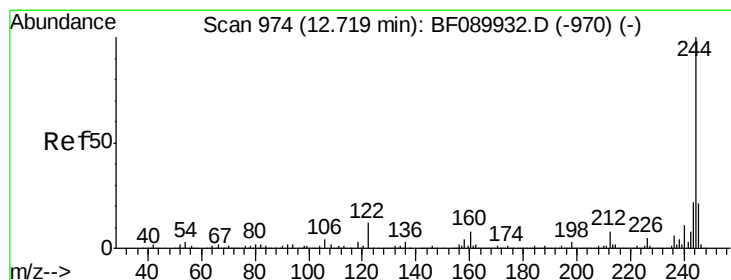
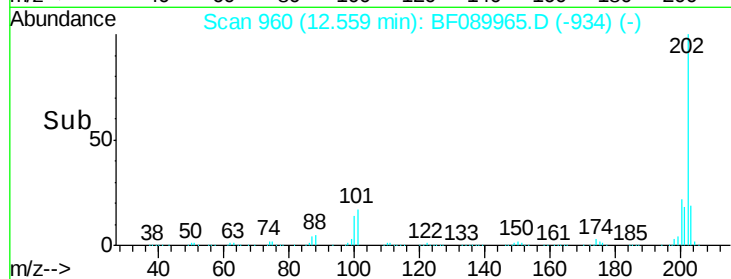
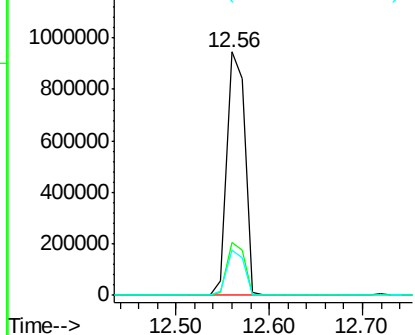
#77
Pvrene
Concen: 44.55 ng
RT: 12.56 min Scan# 960
Delta R.T. 0.00 min
Lab File: BF089965.D
Acq: 1 Sep 2016 12:11

Instrument :
BNA_F
ClientSampleId :

Tot Ion:202 Resp: 1283002
Ion Ratio Lower Upper
202 100
200 21.6 17.6 26.4
203 18.6 14.6 21.8

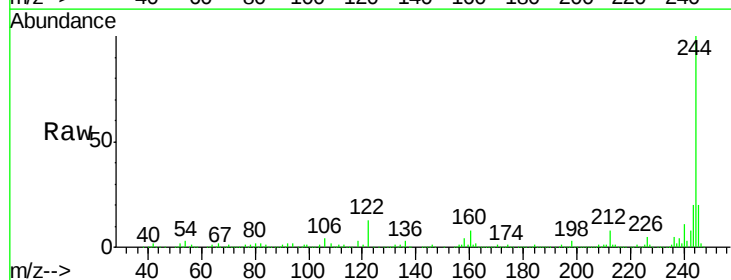


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

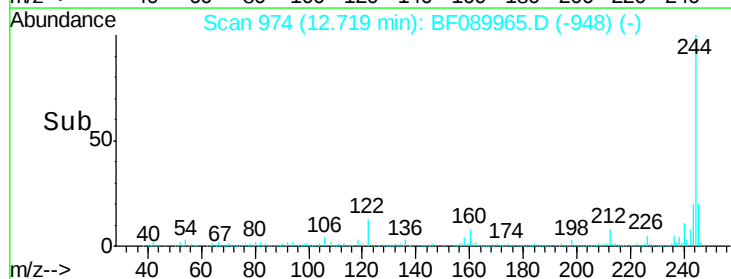
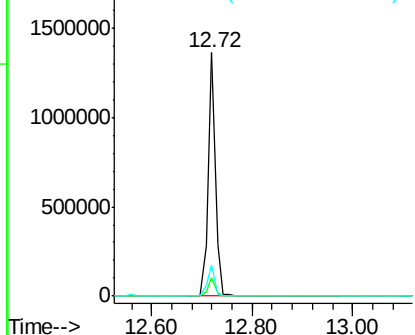


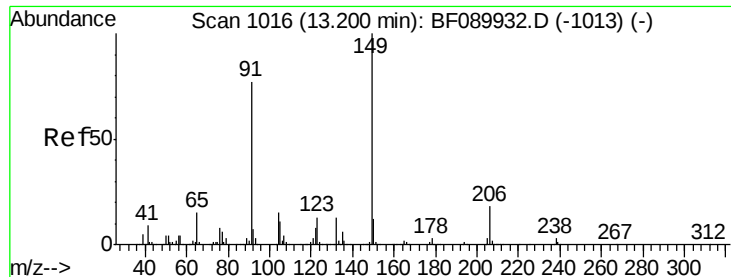
#78
Terphenyl-d14
Concen: 82.18 ng
RT: 12.72 min Scan# 974
Delta R.T. 0.00 min
Lab File: BF089965.D
Acq: 1 Sep 2016 12:11

Tgt Ion:244 Resp: 1358724
Ion Ratio Lower Upper
244 100
212 7.6 6.1 9.1
122 12.5 9.6 14.4



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

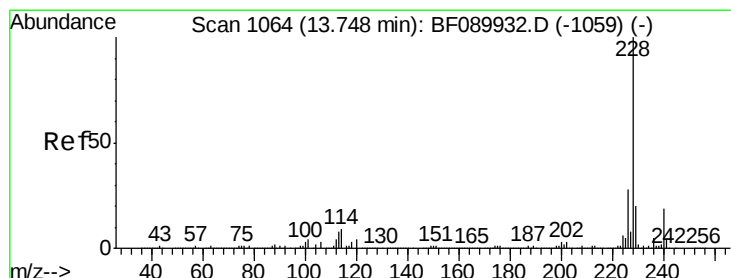
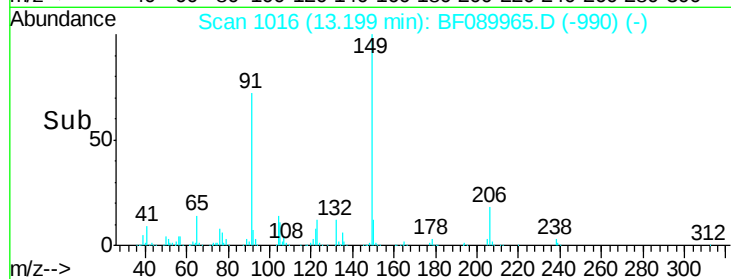
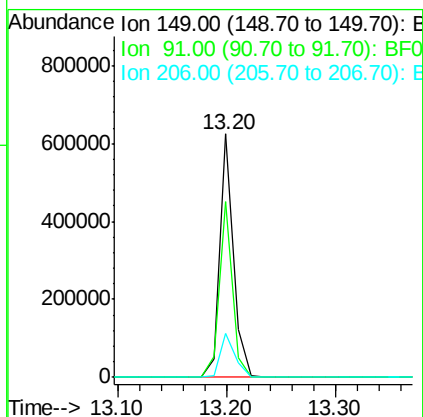
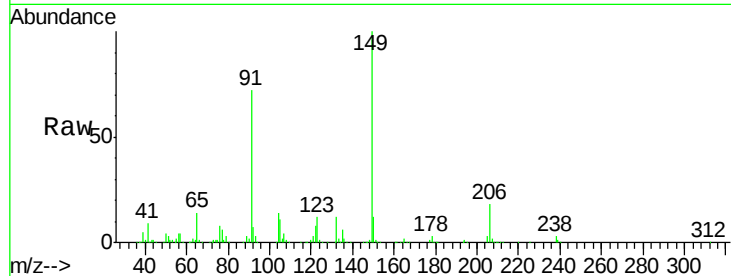




#79
Butylbenzylphthalate
Concen: 47.61 ng
RT: 13.20 min Scan# 1016
Delta R.T. 0.00 min
Lab File: BF089965.D
Acq: 1 Sep 2016 12:11

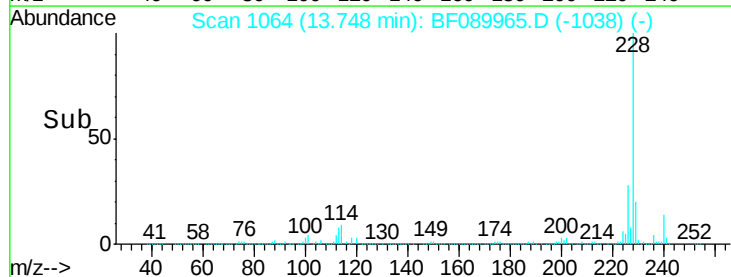
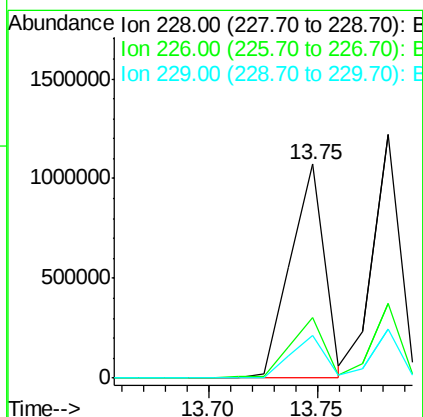
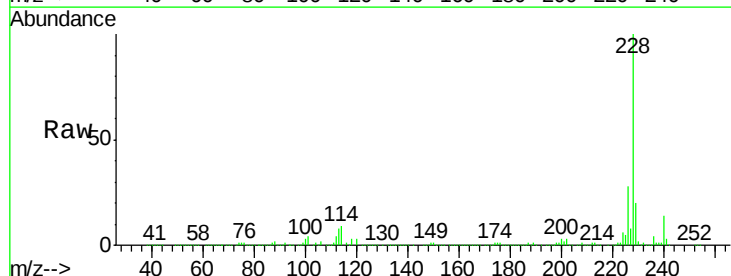
Instrument :
BNA_F
ClientSampled :

Tot Ion:149 Resp: 552896
Ion Ratio Lower Upper
149 100
91 72.4 60.0 90.0
206 18.0 15.1 22.7



#80
Benzo(a)anthracene
Concen: 46.94 ng
RT: 13.75 min Scan# 1064
Delta R.T. 0.00 min
Lab File: BF089965.D
Acq: 1 Sep 2016 12:11

Tgt Ion:228 Resp: 1174220
Ion Ratio Lower Upper
228 100
226 28.3 22.2 33.2
229 20.0 15.8 23.6

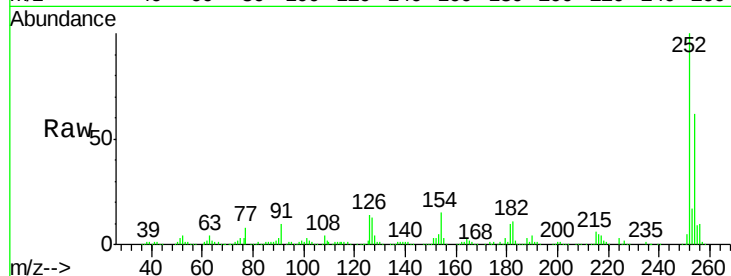




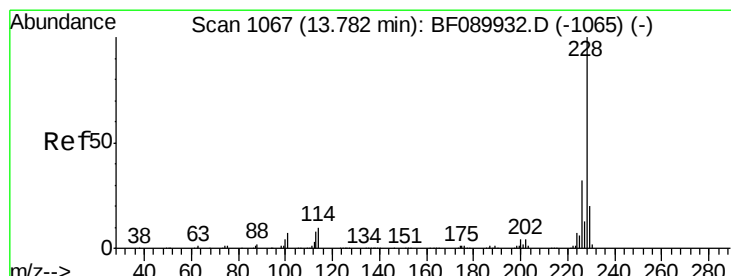
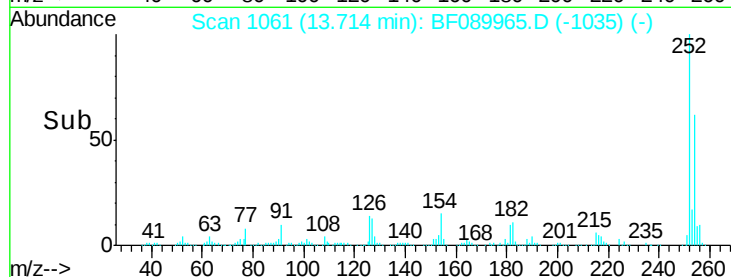
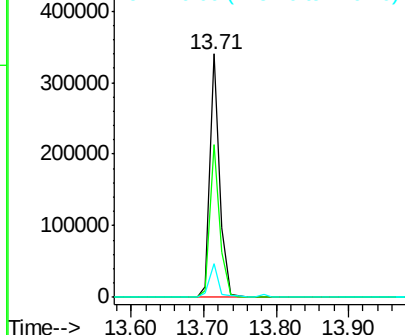
#81
 3,3'-Dichlorobenzidine
 Concen: 35.43 ng
 RT: 13.71 min Scan# 1061
 Delta R.T. 0.00 min
 Lab File: BF089965.D
 Acq: 1 Sep 2016 12:11

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:252 Resp: 319901
 Ion Ratio Lower Upper
 252 100
 254 62.5 51.3 76.9
 126 13.6 12.3 18.5

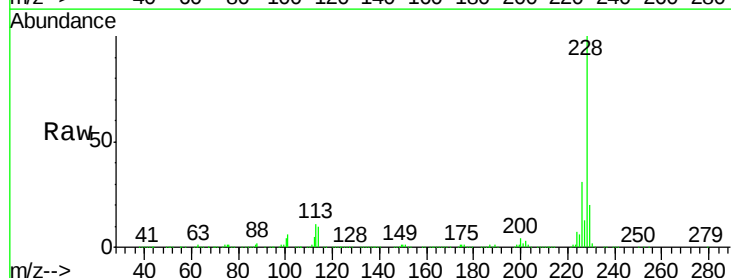


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

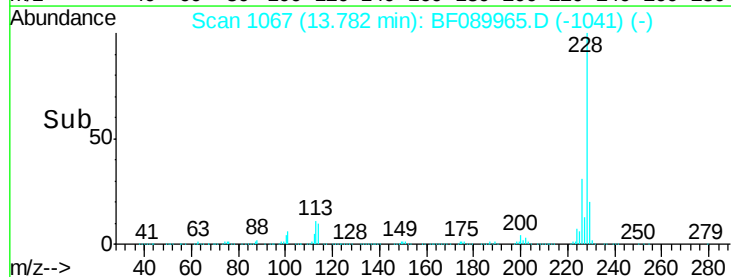
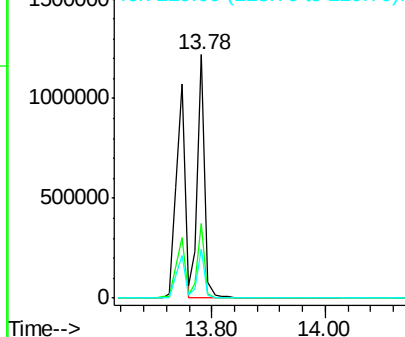


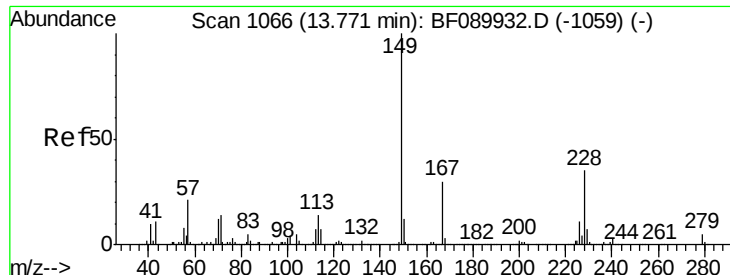
#82
 Chrysene
 Concen: 46.51 ng
 RT: 13.78 min Scan# 1067
 Delta R.T. 0.00 min
 Lab File: BF089965.D
 Acq: 1 Sep 2016 12:11

Tgt Ion:228 Resp: 1086848
 Ion Ratio Lower Upper
 228 100
 226 30.7 25.2 37.8
 229 20.1 16.2 24.2



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: 47.85 ng

RT: 13.77 min Scan# 1066

Delta R.T. 0.00 min

Lab File: BF089965.D

Acq: 1 Sep 2016 12:11

Instrument :

BNA_F

ClientSampleId :

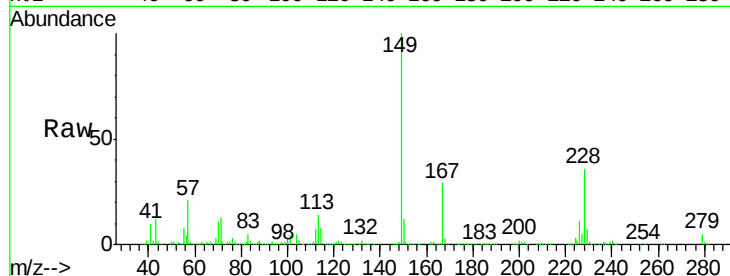
Tot Ion:149 Resp: 768621

Ion Ratio Lower Upper

149 100

167 29.4 23.6 35.4

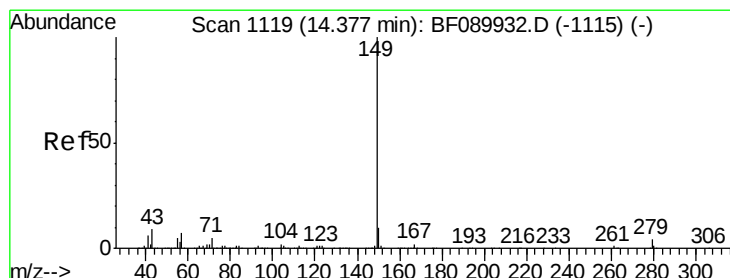
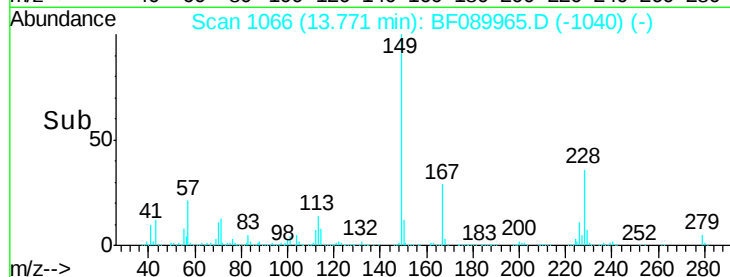
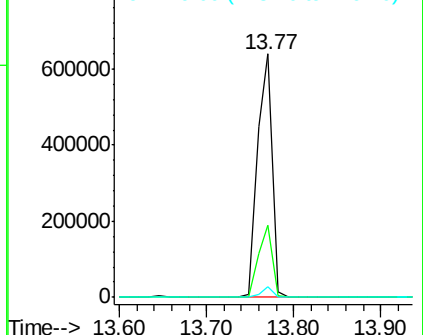
279 4.5 3.4 5.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 51.53 ng

RT: 14.38 min Scan# 1119

Delta R.T. 0.00 min

Lab File: BF089965.D

Acq: 1 Sep 2016 12:11

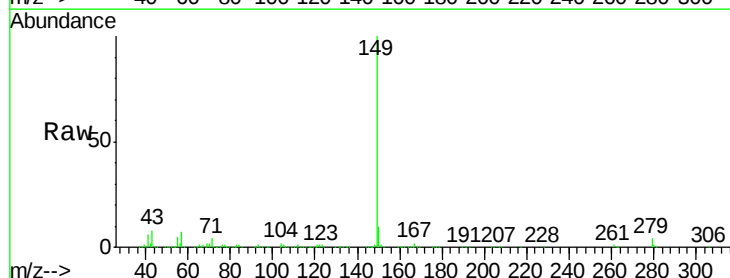
Tgt Ion:149 Resp: 1336055

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

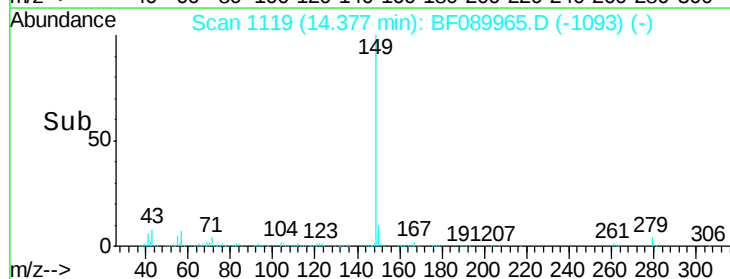
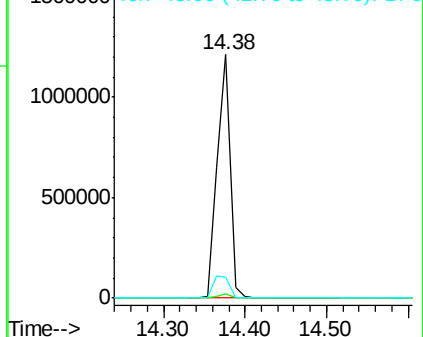
43 11.4 9.3 13.9

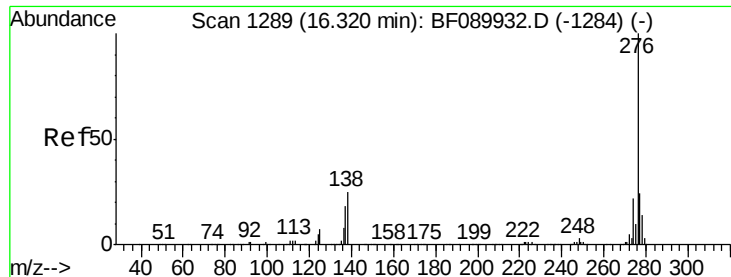


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

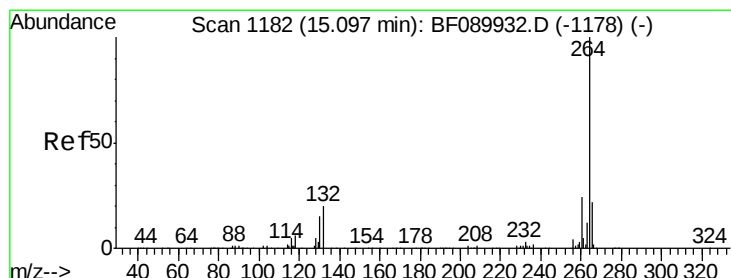
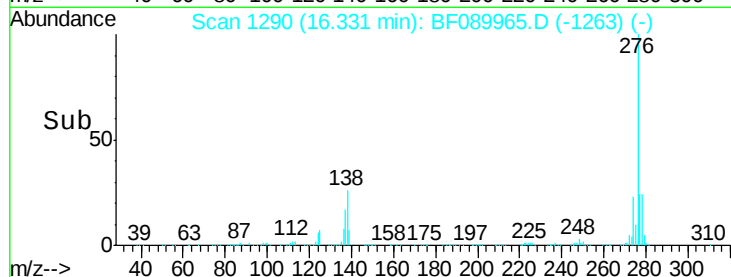
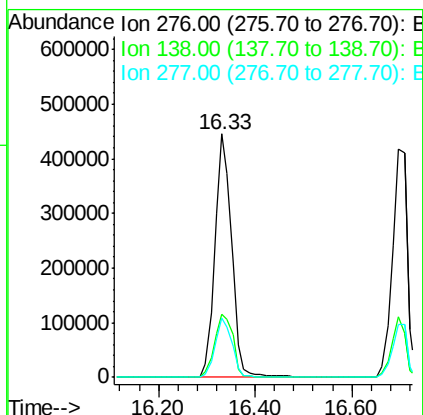
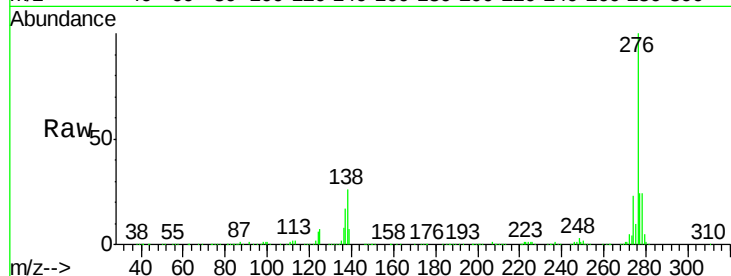




#85
Indeno(1,2,3-cd)pyrene
Concen: 63.44 ng
RT: 16.33 min Scan# 1290
Delta R.T. 0.01 min
Lab File: BF089965.D
Acq: 1 Sep 2016 12:11

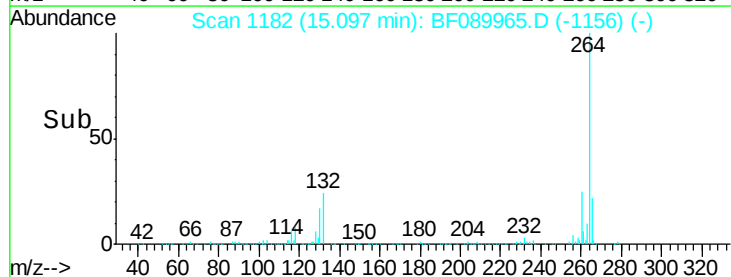
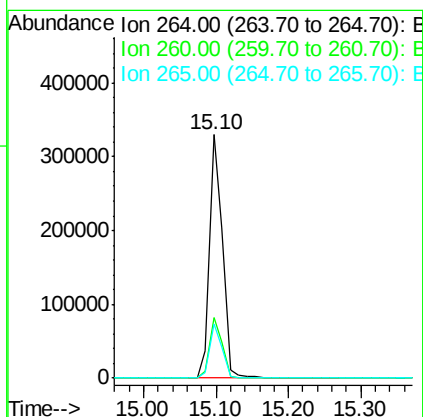
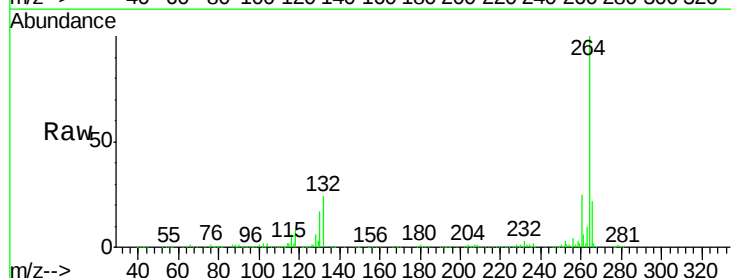
Instrument :
BNA_F
ClientSampleId :

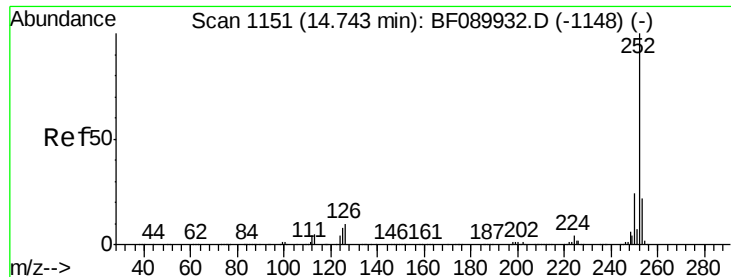
Tot Ion:276 Resp: 1095989
Ion Ratio Lower Upper
276 100
138 28.7 22.6 34.0
277 24.8 20.1 30.1



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.10 min Scan# 1182
Delta R.T. 0.00 min
Lab File: BF089965.D
Acq: 1 Sep 2016 12:11

Tgt Ion:264 Resp: 408730
Ion Ratio Lower Upper
264 100
260 24.8 19.4 29.0
265 22.2 17.4 26.2

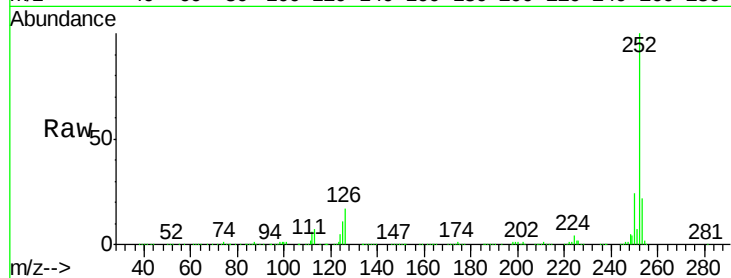




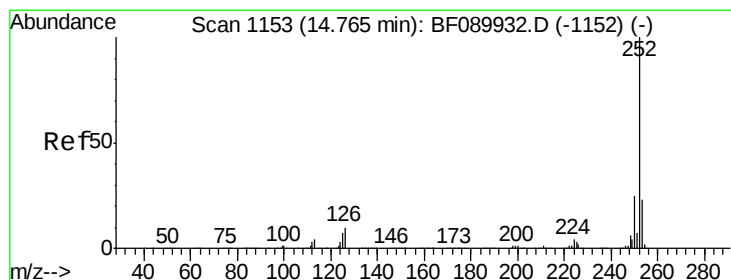
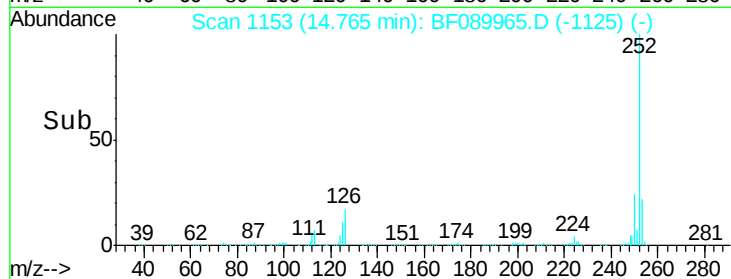
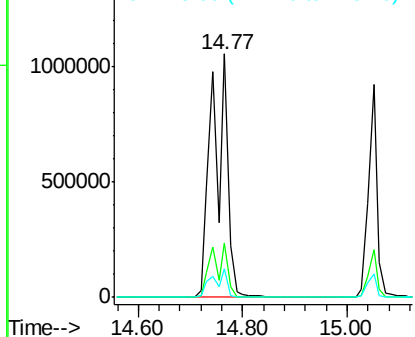
#87
Benzo(b)fluoranthene
Concen: 84.88 ng
RT: 14.77 min Scan# 1153
Delta R.T. 0.02 min
Lab File: BF089965.D
Acq: 1 Sep 2016 12:11

Instrument :
BNA_F
ClientSampled :

Tot Ion:252 Resp: 2173501
Ion Ratio Lower Upper
252 100
253 22.3 18.0 27.0
125 11.5 5.7 8.5#

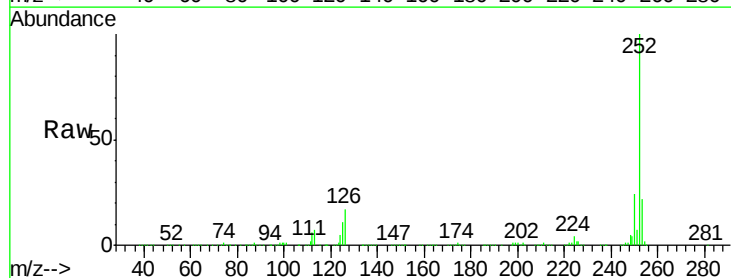


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

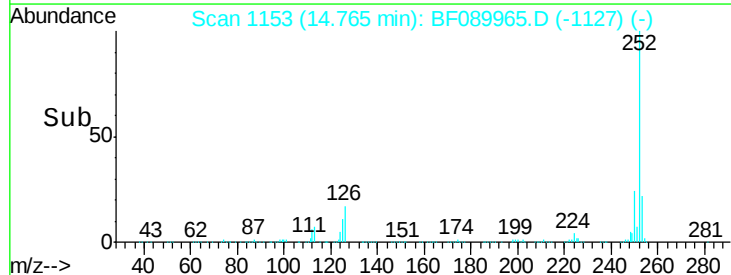
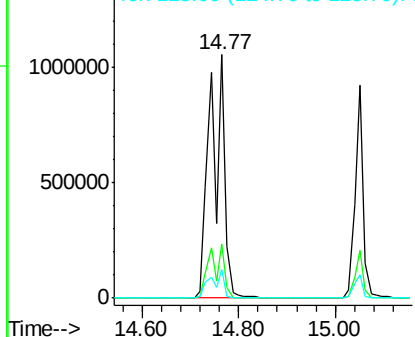


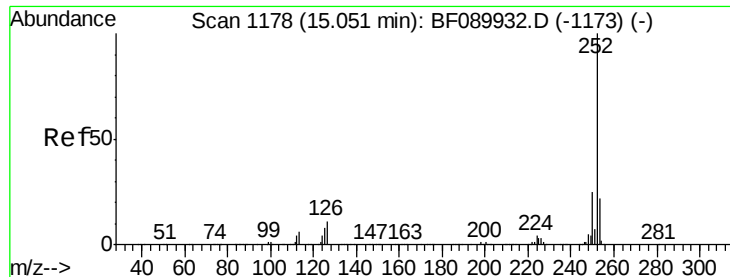
#88
Benzo(k)fluoranthene
Concen: 100.10 ng
RT: 14.77 min Scan# 1153
Delta R.T. 0.00 min
Lab File: BF089965.D
Acq: 1 Sep 2016 12:11

Tgt Ion:252 Resp: 2175026
Ion Ratio Lower Upper
252 100
253 22.3 17.8 26.8
125 11.5 7.3 10.9#



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

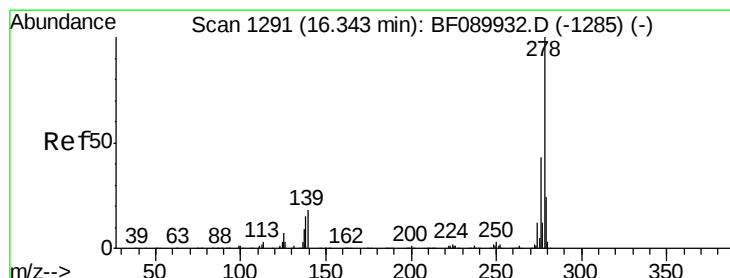
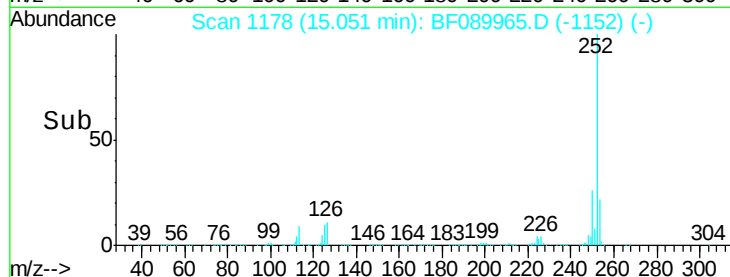
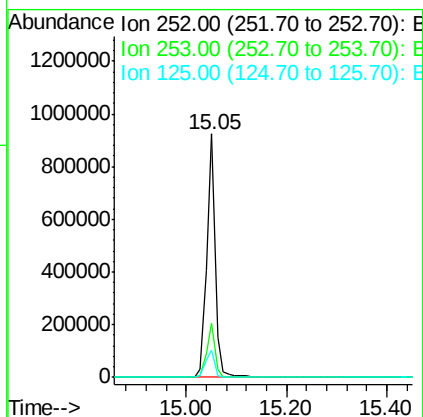
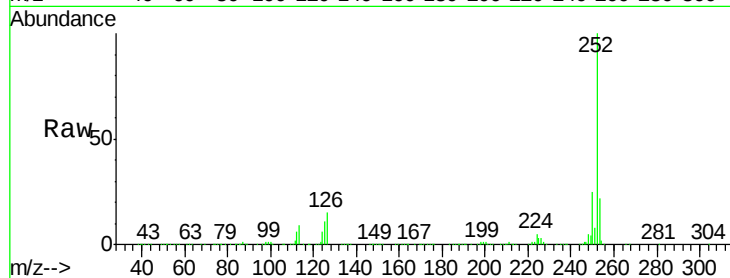




#89
Benzo(a)pyrene
Concen: 49.02 ng
RT: 15.05 min Scan# 1178
Delta R.T. 0.00 min
Lab File: BF089965.D
Acq: 1 Sep 2016 12:11

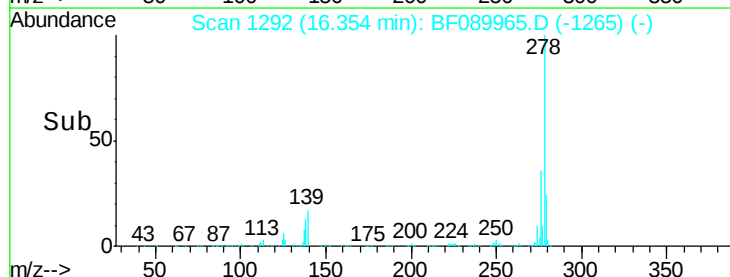
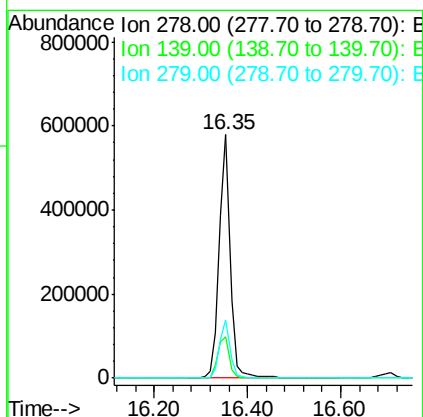
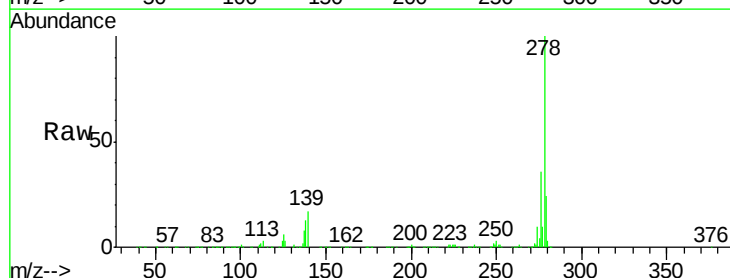
Instrument :
BNA_F
ClientSampleId :

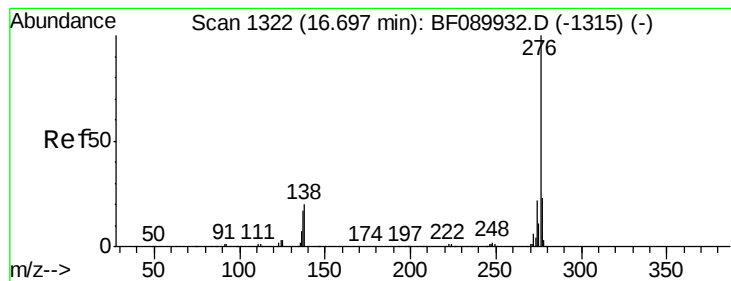
Tot Ion:252 Resp: 1075342
Ion Ratio Lower Upper
252 100
253 22.2 17.5 26.3
125 11.2 6.3 9.5#



#90
Dibenzo(a,h)anthracene
Concen: 58.35 ng
RT: 16.35 min Scan# 1292
Delta R.T. 0.01 min
Lab File: BF089965.D
Acq: 1 Sep 2016 12:11

Tgt Ion:278 Resp: 937981
Ion Ratio Lower Upper
278 100
139 16.8 13.4 20.2
279 24.0 19.4 29.2





#91
 Benzo(a,h,i)perylene
 Concen: 55.70 ng
 RT: 16.70 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: BF089965.D
 Acq: 1 Sep 2016 12:11

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.3	19.0	28.4
138	26.8	16.4	24.6

