

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072316\
 Data File : BF089261.D
 Acq On : 24 Jul 2016 5:35
 Operator : UM/SJ
 Sample : H4151-04MSD
 Misc :
 ALS Vial : 59 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-08-COMPMSD

Quant Time: Jul 25 01:18:13 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 20 19:03:15 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.58	152	50203	20.00	ng	-0.02
21) Naphthalene-d8	7.87	136	203417	20.00	ng	-0.01
38) Acenaphthene-d10	9.61	164	90154	20.00	ng	-0.02
63) Phenanthrene-d10	11.08	188	152999	20.00	ng	-0.02
75) Chrysene-d12	13.70	240	88899	20.00	ng	-0.02
86) Perylene-d12	15.05	264	89289	20.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.16	112	367734	111.40	ng	-0.02
7) Phenol-d6	6.24	99	509226	119.63	ng	-0.03
23) Nitrobenzene-d5	7.15	82	314066	82.04	ng	-0.02
41) 2,4,6-Tribromophenol	10.40	330	83547	102.93	ng	-0.02
44) 2-Fluorobiphenyl	8.95	172	555049	84.83	ng	-0.02
78) Terphenyl-d14	12.66	244	316843	77.30	ng	-0.02

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.07	88	44189	30.83	ng	# 82
3) Pyridine	2.68	79	118444	32.53	ng	95
4) n-Nitrosodimethylamine	2.65	42	53021	34.59	ng	98
6) Aniline	6.25	93	131263	22.82	ng	# 56
8) 2-Chlorophenol	6.36	128	143757	39.24	ng	83
9) Benzaldehyde	6.12	77	27669	10.17	ng	96
10) Phenol	6.26	94	189793	38.70	ng	99
11) bis(2-Chloroethyl)ether	6.33	93	150186	40.78	ng	97
12) 1,3-Dichlorobenzene	6.51	146	137069	33.89	ng	98
13) 1,4-Dichlorobenzene	6.59	146	152552	37.45	ng	99
14) 1,2-Dichlorobenzene	6.75	146	148193	38.58	ng	98
15) Benzyl Alcohol	6.74	79	126696	40.64	ng	98
16) 2,2'-oxybis(1-Chloropropan	6.88	45	163449	38.95	ng	# 56
17) 2-Methylphenol	6.87	107	111436	38.62	ng	98
18) Hexachloroethane	7.08	117	54250	35.43	ng	99
19) n-Nitroso-di-n-propylamine	7.02	70	112164	40.29	ng	98
20) 3+4-Methylphenols	7.02	107	150851	38.51	ng	# 79
22) Acetophenone	7.00	105	215141	39.61	ng	# 99
24) Nitrobenzene	7.18	77	161649	40.03	ng	98
25) Isophorone	7.42	82	289495	41.03	ng	100
26) 2-Nitrophenol	7.50	139	71159	37.79	ng	# 77
27) 2,4-Dimethylphenol	7.54	122	114610	36.12	ng	99
28) bis(2-Chloroethoxy)methane	7.63	93	183308	41.54	ng	99
29) 2,4-Dichlorophenol	7.74	162	119113	41.66	ng	99
30) 1,2,4-Trichlorobenzene	7.82	180	123007	38.86	ng	99
31) Naphthalene	7.88	128	410460	37.39	ng	100
32) Benzoic acid	7.66	122	15296	6.27	ng	# 84
33) 4-Chloroaniline	7.95	127	92101	19.95	ng	95
34) Hexachlorobutadiene	8.01	225	66582	37.79	ng	97
35) Caprolactam	8.32	113	33501	37.73	ng	96
36) 4-Chloro-3-methylphenol	8.44	107	127705	37.07	ng	96
37) 2-Methylnaphthalene	8.58	142	272447	38.91	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.74	216	107162	31.98	ng	99
40) Hexachlorocyclopentadiene	8.73	237	26715	29.75	ng	100

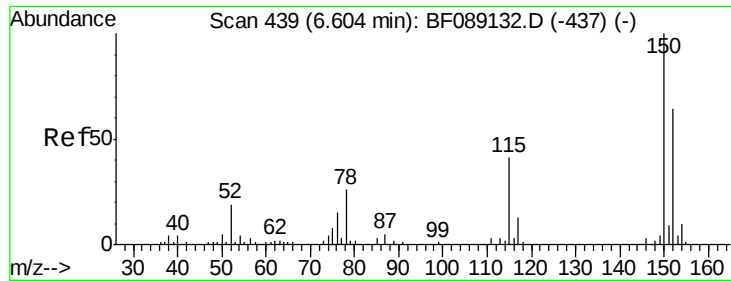
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072316\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.87	196	72954	38.90	ng	97
43) 2,4,5-Trichlorophenol	8.91	196	85613	45.48	ng	94
45) 1,1'-Biphenyl	9.05	154	304616	37.52	ng	95
46) 2-Chloronaphthalene	9.06	162	237495	38.50	ng	99
47) 2-Nitroaniline	9.18	65	78661	37.17	ng	# 71
48) Acenaphthylene	9.47	152	377727	38.94	ng	99
49) Dimethylphthalate	9.36	163	395429	57.16	ng	99
50) 2,6-Dinitrotoluene	9.42	165	64237	41.13	ng	# 82
51) Acenaphthene	9.64	154	216193	37.68	ng	98
52) 3-Nitroaniline	9.59	138	49760	26.83	ng	93
53) 2,4-Dinitrophenol	9.70	184	8522	18.09	ng	# 82
54) Dibenzofuran	9.82	168	323630	41.74	ng	99
55) 4-Nitrophenol	9.77	139	63578	56.65	ng	96
56) 2,4-Dinitrotoluene	9.82	165	76481	38.02	ng	# 79
57) Fluorene	10.16	166	261380	39.72	ng	99
58) 2,3,4,6-Tetrachlorophenol	9.91	232	49822	36.85	ng	93
59) Diethylphthalate	10.04	149	293587	42.80	ng	98
60) 4-Chlorophenyl-phenylether	10.16	204	117901	39.24	ng	92
61) 4-Nitroaniline	10.19	138	57454	31.83	ng	98
62) Azobenzene	10.32	77	303452	40.70	ng	84
64) 4,6-Dinitro-2-methylphenol	10.23	198	15409	17.30	ng	71
65) n-Nitrosodiphenylamine	10.27	169	224446	43.89	ng	99
66) 4-Bromophenyl-phenylether	10.64	248	66855	44.16	ng	95
67) Hexachlorobenzene	10.71	284	62525	38.40	ng	# 96
68) Atrazine	10.81	200	68230	42.67	ng	99
69) Pentachlorophenol	10.90	266	58052	77.27	ng	99
70) Phenanthrene	11.11	178	326148	38.86	ng	100
71) Anthracene	11.16	178	345326	39.58	ng	99
72) Carbazole	11.32	167	306151	39.95	ng	99
73) Di-n-butylphthalate	11.67	149	418667	44.17	ng	# 98
74) Fluoranthene	12.28	202	293997	33.33	ng	99
76) Benzidine	12.42	184	114229	37.37	ng	98
77) Pyrene	12.51	202	296609	40.40	ng	98
79) Butylbenzylphthalate	13.14	149	132615	42.70	ng	95
80) Benzo(a)anthracene	13.69	228	216110	38.17	ng	100
81) 3,3'-Dichlorobenzidine	13.67	252	73970	39.39	ng	99
82) Chrysene	13.74	228	225797	41.75	ng	100
83) Bis(2-ethylhexyl)phthalate	13.71	149	187138	45.43	ng	# 95
84) Di-n-octyl phthalate	14.32	149	309378	45.52	ng	100
85) Indeno(1,2,3-cd)pyrene	16.27	276	199128	50.69	ng	99
87) Benzo(b)fluoranthene	14.72	252	451484	69.81	ng	# 95
88) Benzo(k)fluoranthene	14.72	252	451484	97.63	ng	# 98
89) Benzo(a)pyrene	14.99	252	215195	42.86	ng	98
90) Dibenzo(a,h)anthracene	16.29	278	171060	43.15	ng	97
91) Benzo(g,h,i)perylene	16.63	276	154761	38.72	ng	95

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

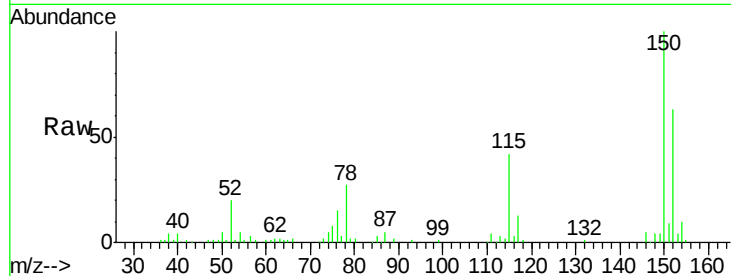


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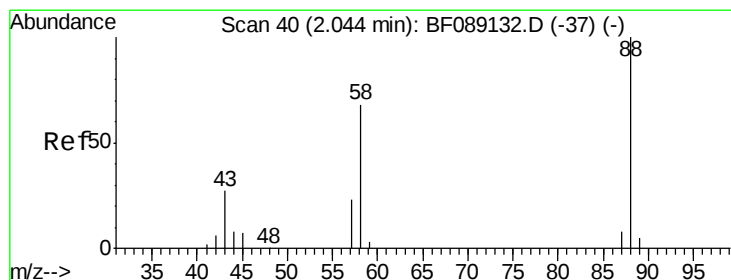
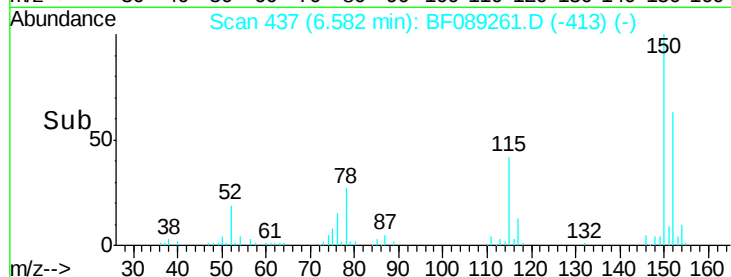
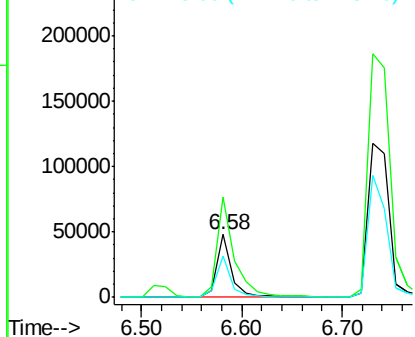
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.58 min Scan# 437
Delta R.T. -0.02 min
Lab File: BF089261.D
Acq: 24 Jul 2016 5:35

Instrument :
BNA_F
ClientSampleId :
SB-08-COMPMSD

Tgt Ion: 152 Resp: 50203
Ion Ratio Lower Upper
152 100
150 159.2 125.1 187.7
115 66.1 51.1 76.7



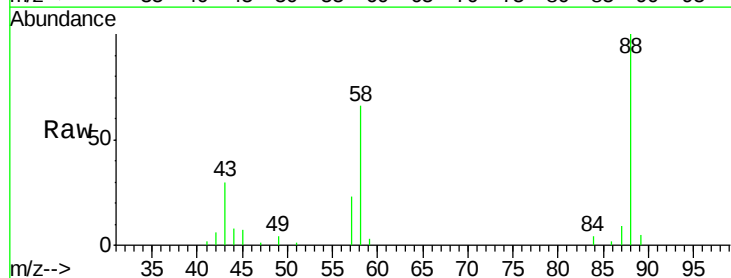
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



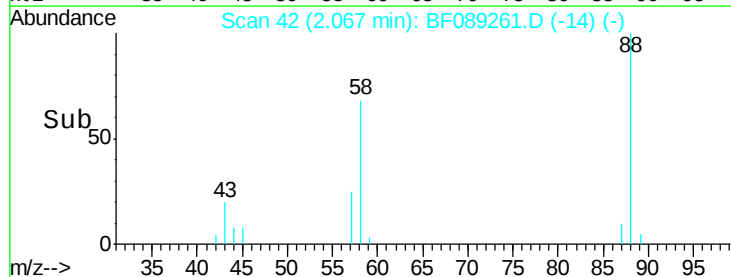
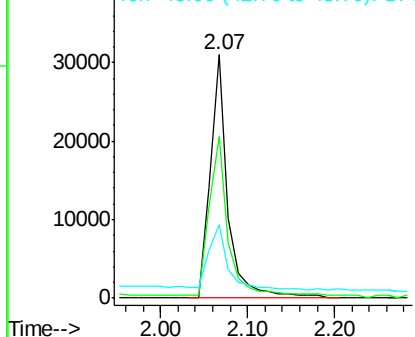
#2

1,4-Dioxane
Concen: 30.83 ng
RT: 2.07 min Scan# 42
Delta R.T. 0.02 min
Lab File: BF089261.D
Acq: 24 Jul 2016 5:35

Tgt Ion: 88 Resp: 44189
Ion Ratio Lower Upper
88 100
58 77.5 49.2 73.8#
43 31.4 20.6 30.8#



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

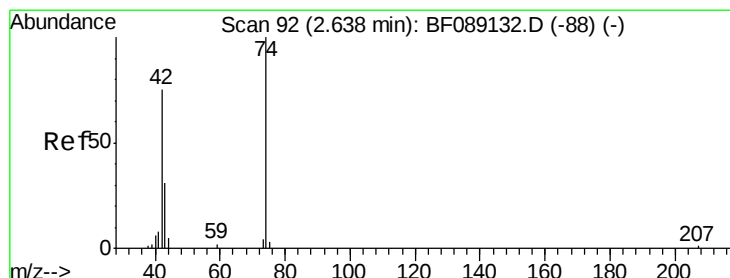
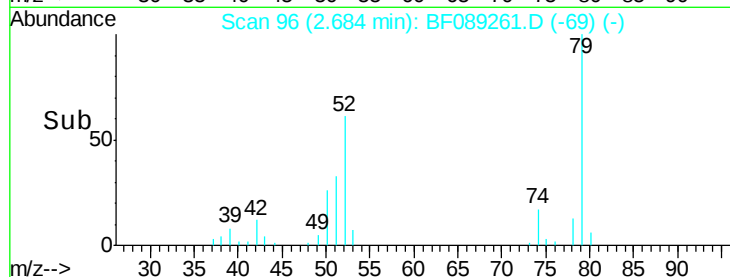
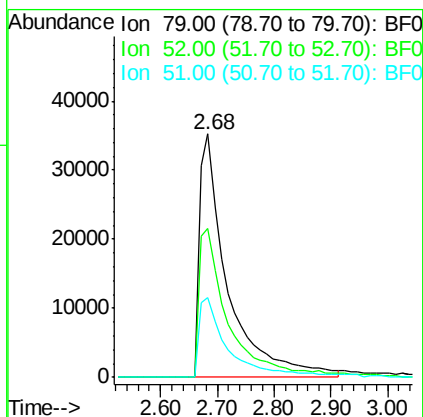
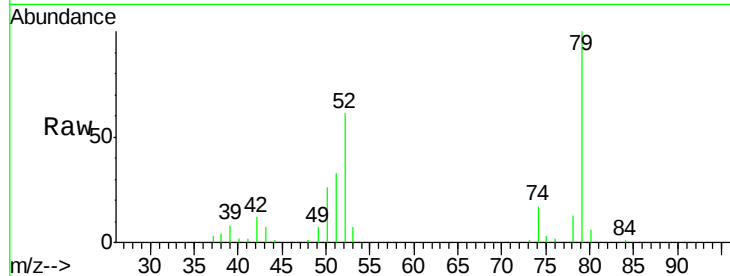




#3
 Pyridine
 Concen: 32.53 ng
 RT: 2.68 min Scan# 96
 Delta R.T. 0.01 min
 Lab File: BF089261.D
 Acq: 24 Jul 2016 5:35

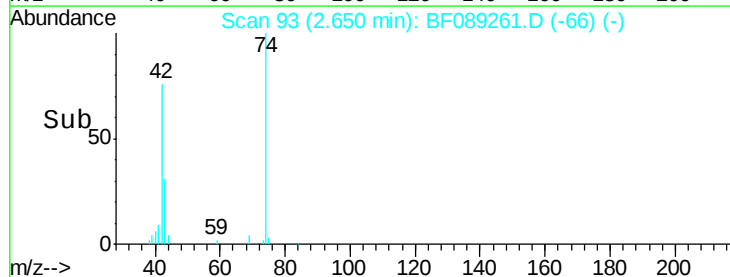
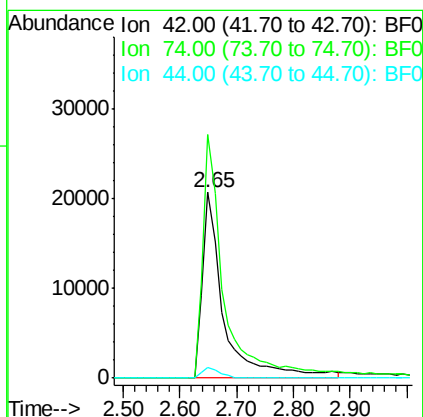
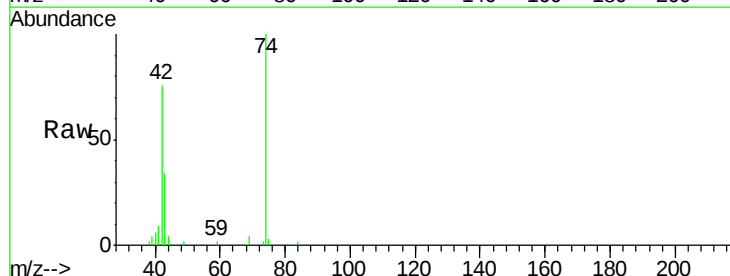
Instrument :
 BNA_F
 ClientSampleId :
 SB-08-COMPMSD

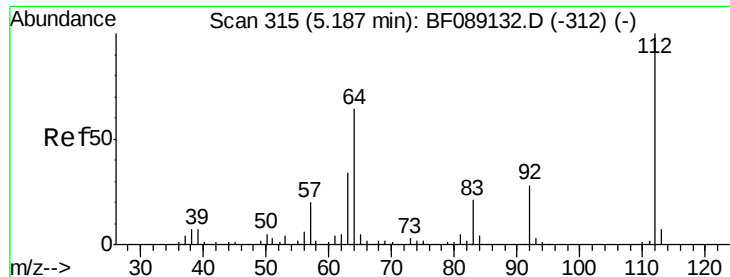
Tgt Ion: 79 Resp: 118444
 Ion Ratio Lower Upper
 79 100
 52 61.2 52.9 79.3
 51 32.8 27.0 40.6



#4
 n-Nitrosodimethylamine
 Concen: 34.59 ng
 RT: 2.65 min Scan# 93
 Delta R.T. 0.01 min
 Lab File: BF089261.D
 Acq: 24 Jul 2016 5:35

Tgt Ion: 42 Resp: 53021
 Ion Ratio Lower Upper
 42 100
 74 131.1 106.4 159.6
 44 5.8 5.2 7.8





#5

2-Fluorophenol

Concen: 111.40 ng

RT: 5.16 min Scan# 313

Delta R.T. -0.02 min

Lab File: BF089261.D

Acq: 24 Jul 2016 5:35

Instrument :

BNA_F

ClientSampleId :

SB-08-COMPMSD

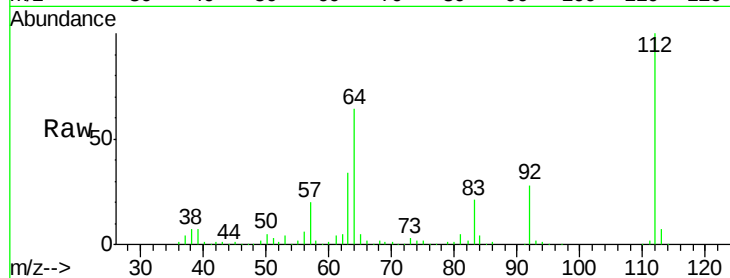
Tgt Ion: 112 Resp: 367734

Ion Ratio Lower Upper

112 100

64 63.6 51.0 76.4

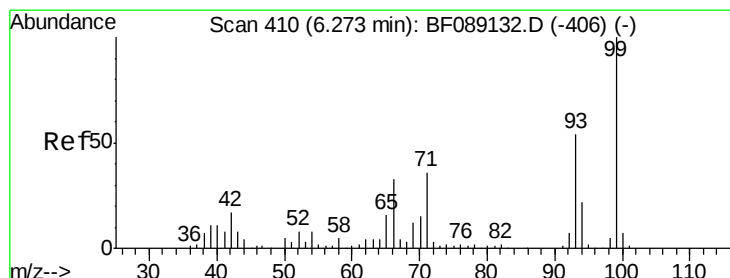
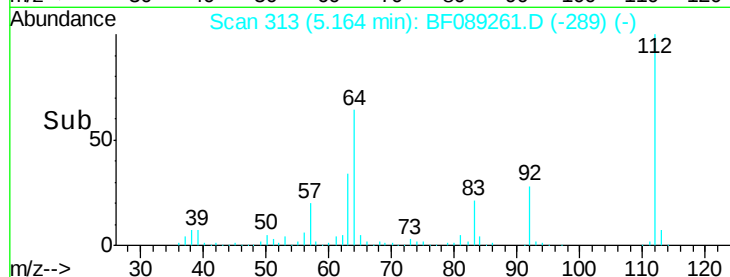
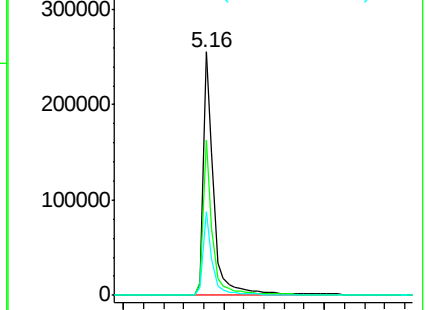
63 34.2 27.3 40.9



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: 22.82 ng

RT: 6.25 min Scan# 408

Delta R.T. -0.02 min

Lab File: BF089261.D

Acq: 24 Jul 2016 5:35

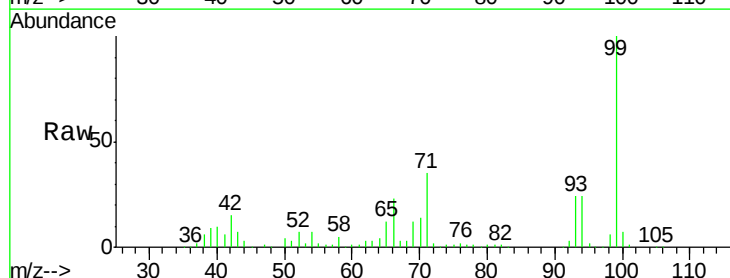
Tgt Ion: 93 Resp: 131263

Ion Ratio Lower Upper

93 100

66 97.2 48.9 73.3#

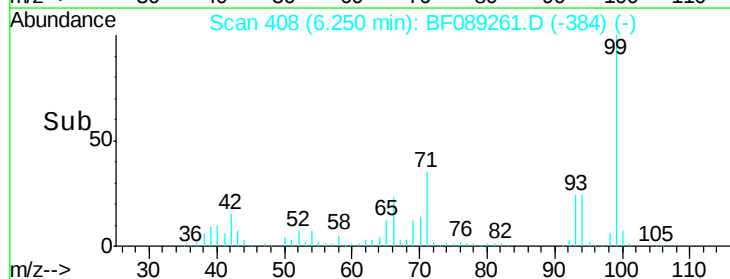
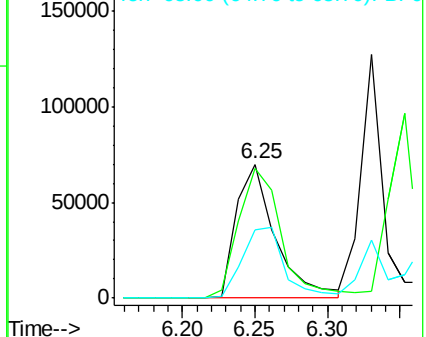
65 50.7 23.9 35.9#

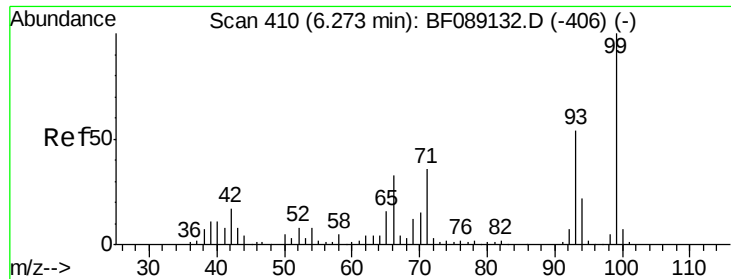


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 119.63 ng

RT: 6.24 min Scan# 407

Delta R.T. -0.03 min

Lab File: BF089261.D

Acq: 24 Jul 2016 5:35

Instrument :

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ClientSampleId :

SB-08-COMPMSD

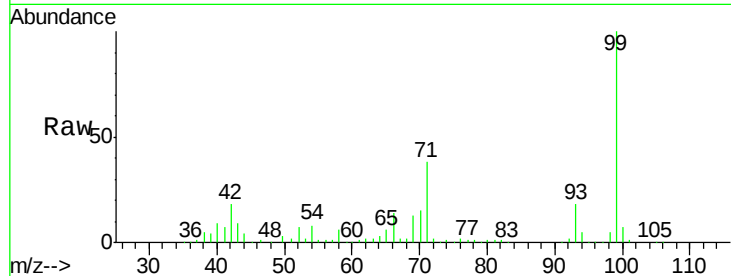
Tgt Ion: 99 Resp: 509226

Ion Ratio Lower Upper

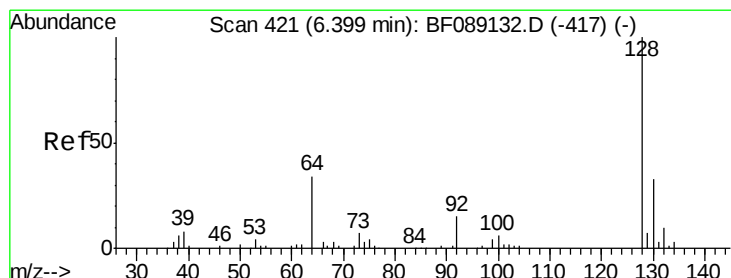
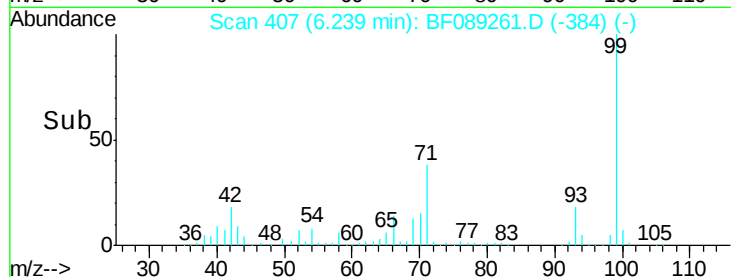
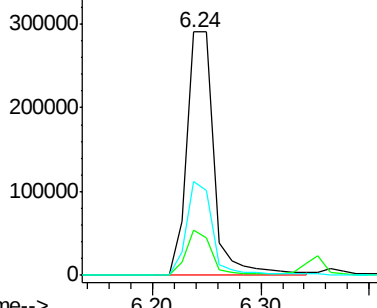
99 100

42 18.4 13.5 20.3

71 38.3 28.9 43.3



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: 39.24 ng

RT: 6.36 min Scan# 418

Delta R.T. -0.03 min

Lab File: BF089261.D

Acq: 24 Jul 2016 5:35

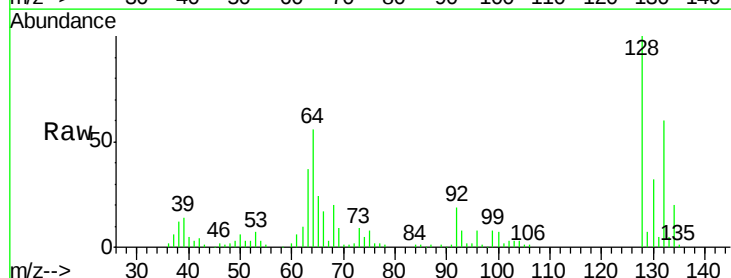
Tgt Ion: 128 Resp: 143757

Ion Ratio Lower Upper

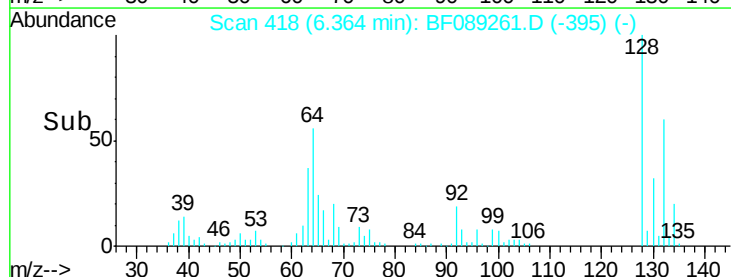
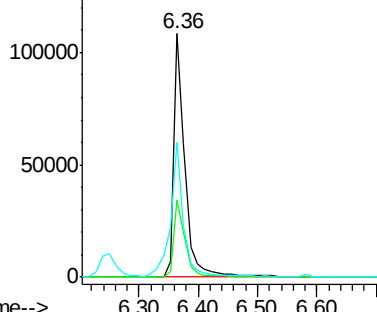
128 100

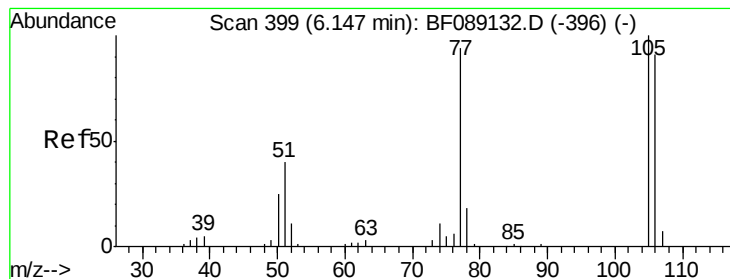
130 31.9 12.6 52.6

64 55.6 17.5 57.5



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: 10.17 ng

RT: 6.12 min Scan# 397

Delta R.T. -0.02 min

Lab File: BF089261.D

Acq: 24 Jul 2016 5:35

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SB-08-COMPMSD

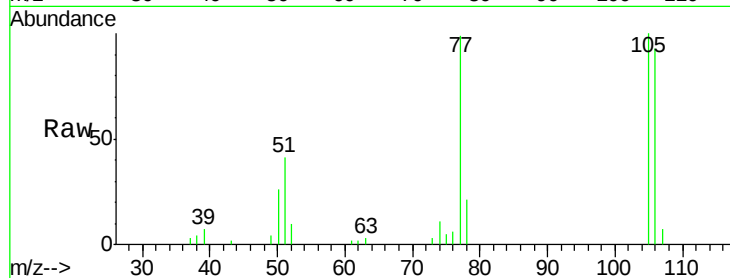
Tgt Ion: 77 Resp: 27669

Ion Ratio Lower Upper

77 100

105 100.6 86.2 126.2

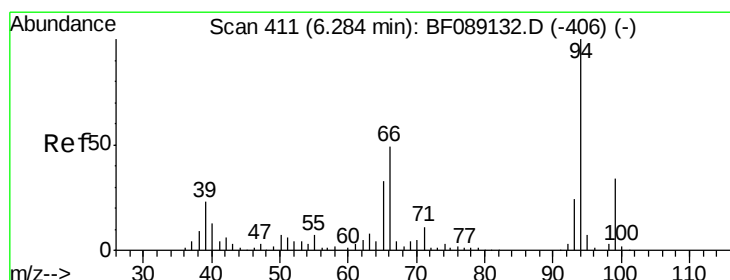
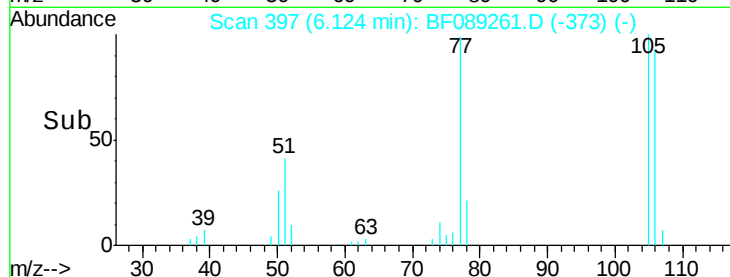
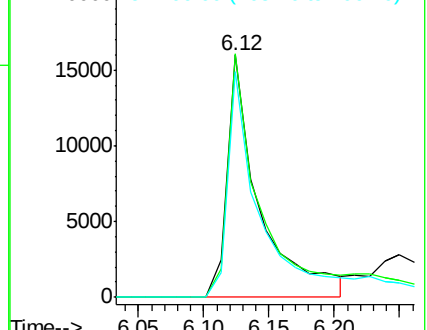
106 93.5 76.3 116.3



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: 38.70 ng

RT: 6.26 min Scan# 409

Delta R.T. -0.02 min

Lab File: BF089261.D

Acq: 24 Jul 2016 5:35

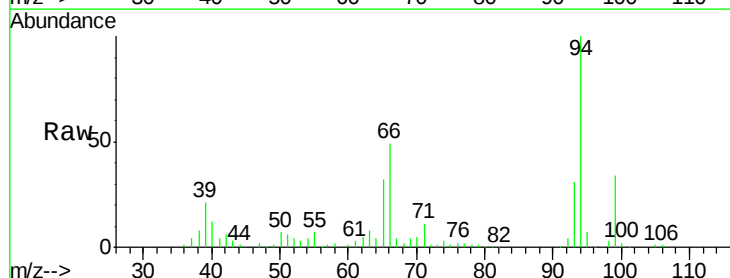
Tgt Ion: 94 Resp: 189793

Ion Ratio Lower Upper

94 100

65 32.2 13.3 53.3

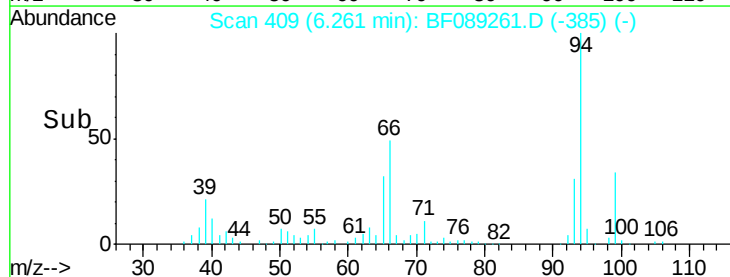
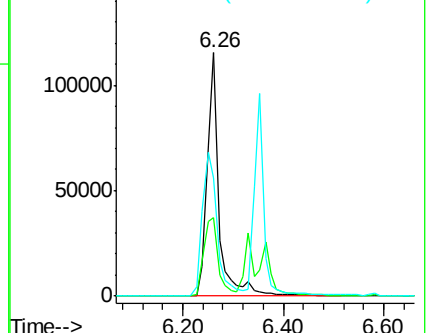
66 48.7 29.3 69.3



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

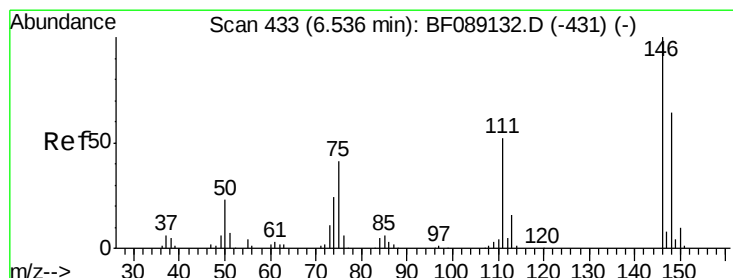
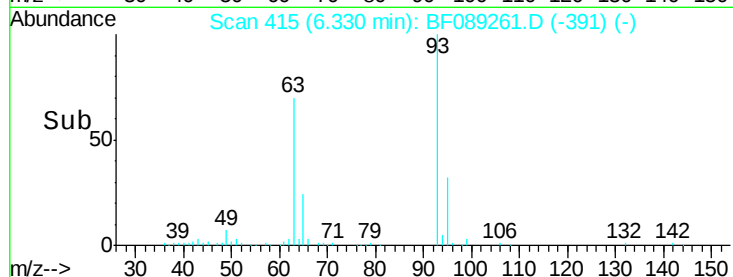
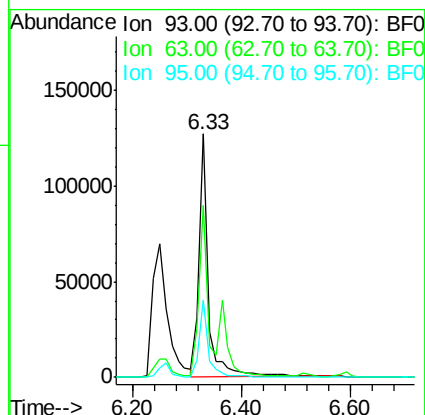
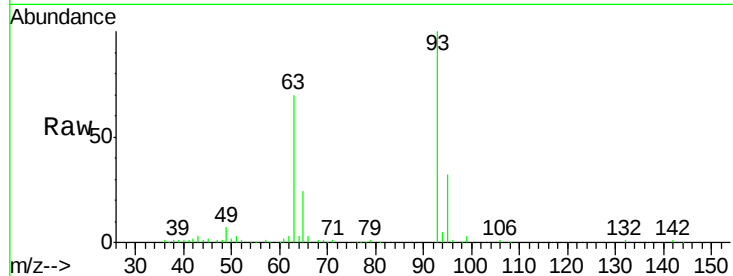




#11
bis(2-Chloroethyl)ether
Concen: 40.78 ng
RT: 6.33 min Scan# 415
Delta R.T. -0.02 min
Lab File: BF089261.D
Acq: 24 Jul 2016 5:35

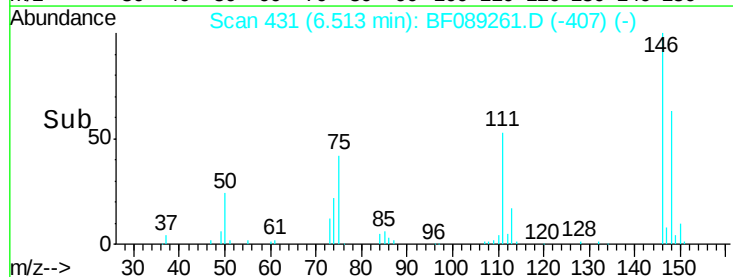
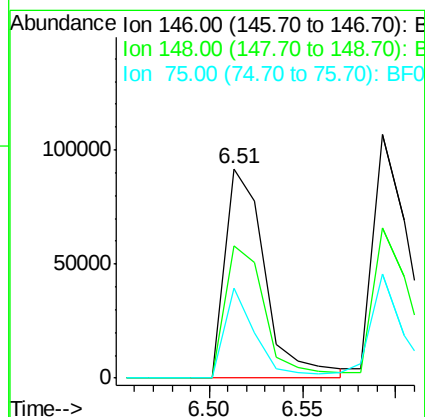
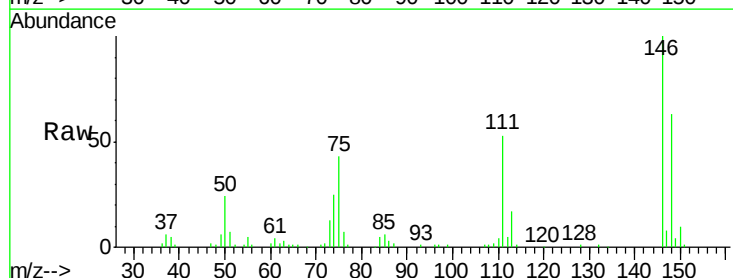
Instrument :
BNA_F
ClientSampleId :
SB-08-COMPMSD

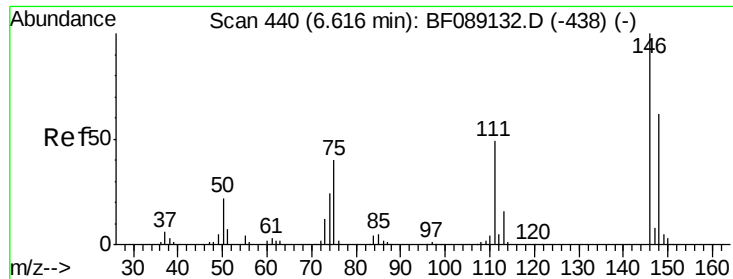
Tgt Ion: 93 Resp: 150186
Ion Ratio Lower Upper
93 100
63 70.4 47.3 87.3
95 31.9 11.8 51.8



#12
1,3-Dichlorobenzene
Concen: 33.89 ng
RT: 6.51 min Scan# 431
Delta R.T. -0.02 min
Lab File: BF089261.D
Acq: 24 Jul 2016 5:35

Tgt Ion: 146 Resp: 137069
Ion Ratio Lower Upper
146 100
148 63.2 51.0 76.6
75 43.2 32.5 48.7

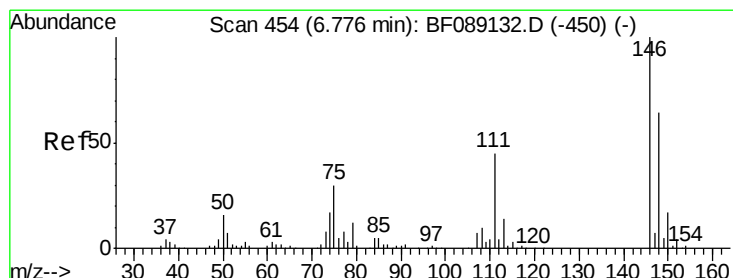
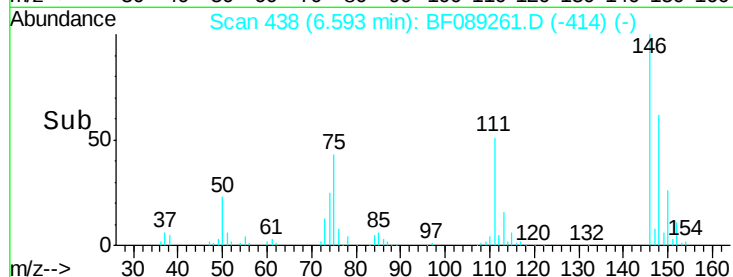
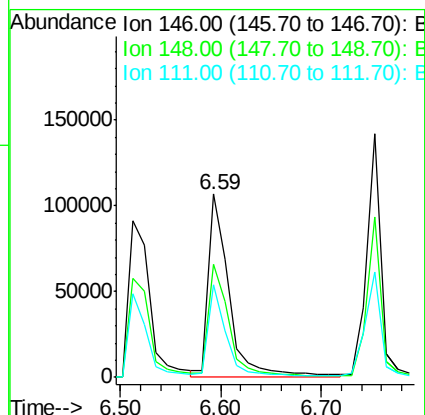
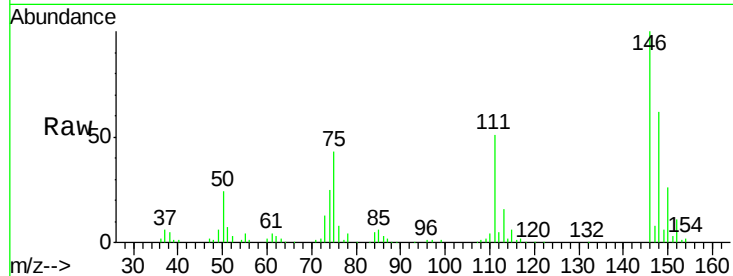




#13
 1,4-Dichlorobenzene
 Concen: 37.45 ng
 RT: 6.59 min Scan# 438
 Delta R.T. -0.02 min
 Lab File: BF089261.D
 Acq: 24 Jul 2016 5:35

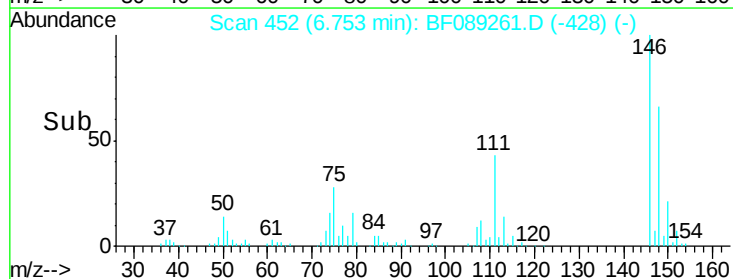
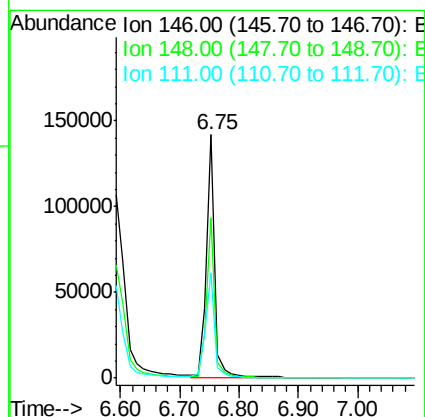
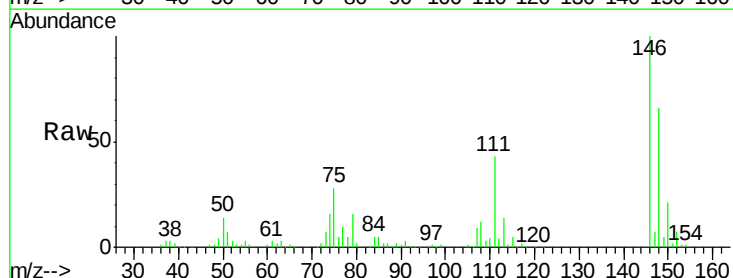
Instrument :
 BNA_F
 ClientSampleId :
 SB-08-COMPMSD

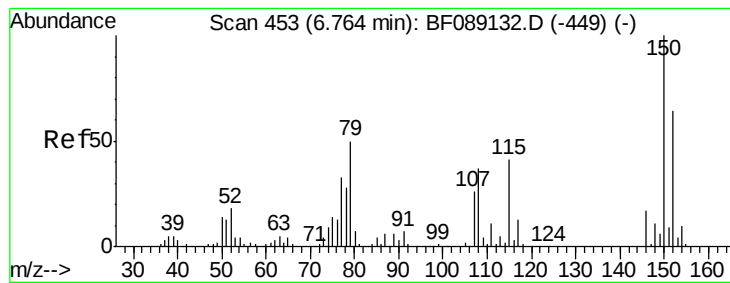
Tgt Ion:146 Resp: 152552
 Ion Ratio Lower Upper
 146 100
 148 61.5 49.9 74.9
 111 50.8 39.8 59.6



#14
 1,2-Dichlorobenzene
 Concen: 38.58 ng
 RT: 6.75 min Scan# 452
 Delta R.T. -0.02 min
 Lab File: BF089261.D
 Acq: 24 Jul 2016 5:35

Tgt Ion:146 Resp: 148193
 Ion Ratio Lower Upper
 146 100
 148 65.6 51.4 77.0
 111 43.3 35.9 53.9





#15

Benzyl Alcohol

Concen: 40.64 ng

RT: 6.74 min Scan# 451

Delta R.T. -0.02 min

Lab File: BF089261.D

Acq: 24 Jul 2016 5:35

Instrument :

BNA_F

ClientSampleId :

SB-08-COMPMSD

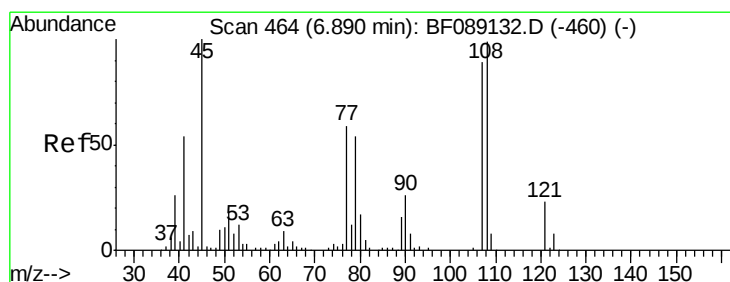
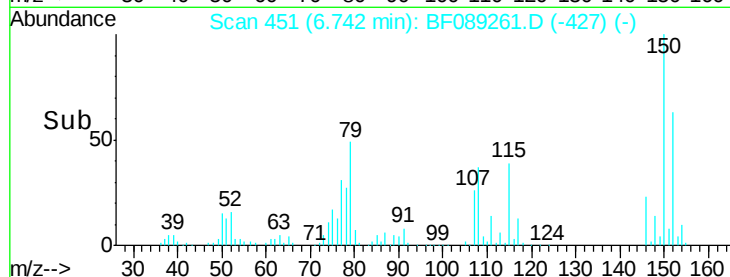
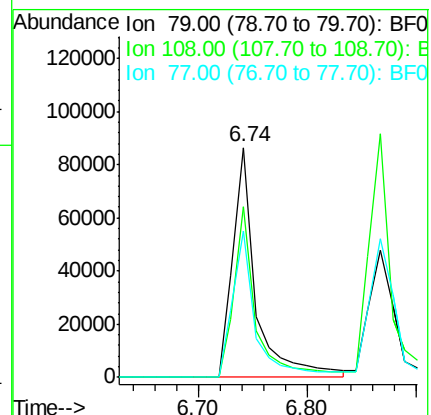
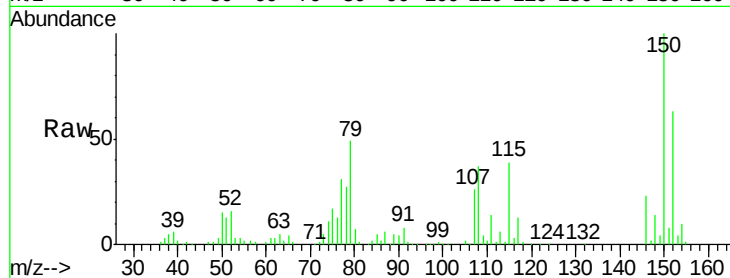
Tgt Ion: 79 Resp: 126696

Ion Ratio Lower Upper

79 100

108 74.1 58.2 87.4

77 63.6 52.2 78.4



#16

2,2'-oxybis(1-Chloropropane)

Concen: 38.95 ng

RT: 6.88 min Scan# 463

Delta R.T. -0.01 min

Lab File: BF089261.D

Acq: 24 Jul 2016 5:35

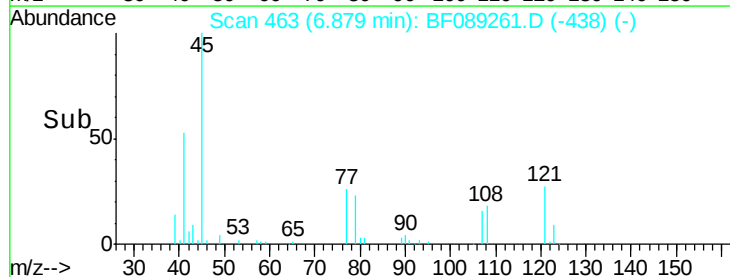
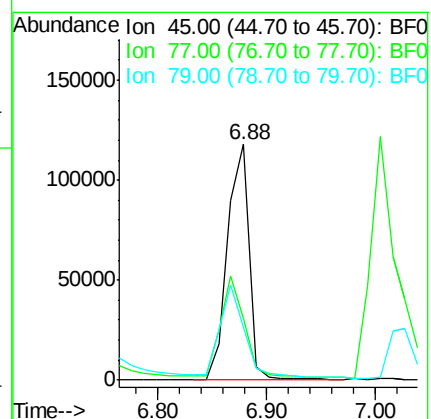
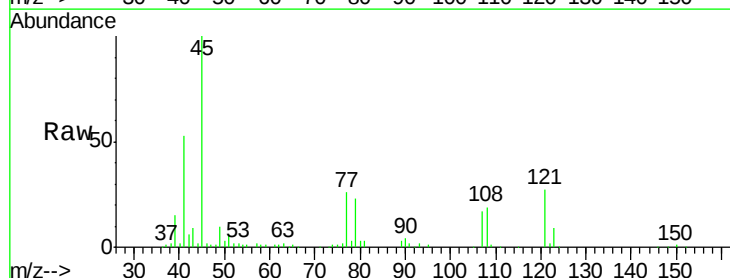
Tgt Ion: 45 Resp: 163449

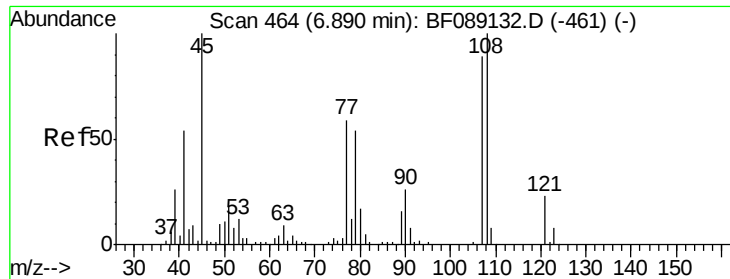
Ion Ratio Lower Upper

45 100

77 26.3 39.7 79.7#

79 22.6 34.7 74.7#

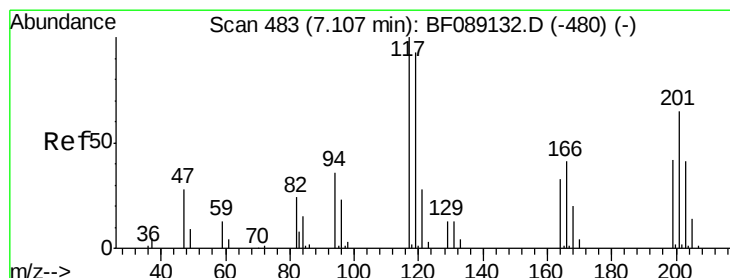
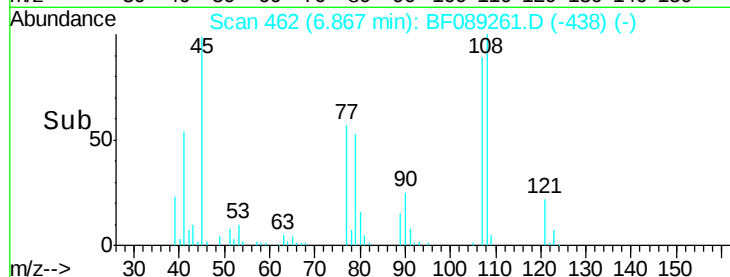
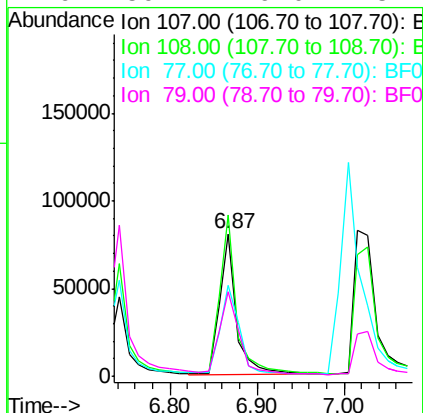
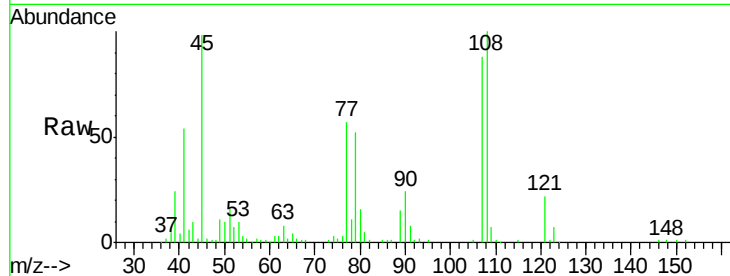




#17
2-Methylphenol
Concen: 38.62 ng
RT: 6.87 min Scan# 462
Delta R.T. -0.02 min
Lab File: BF089261.D
Acq: 24 Jul 2016 5:35

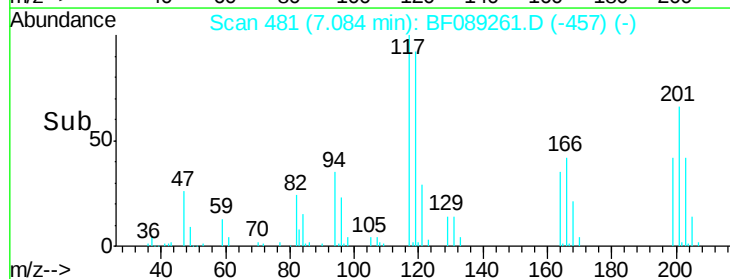
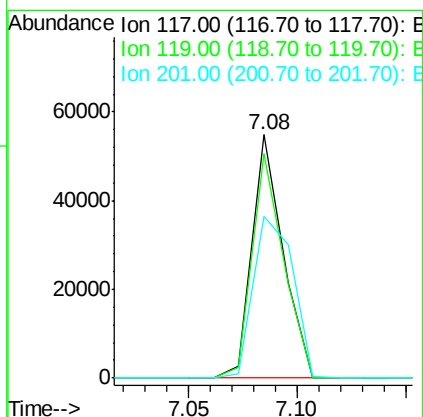
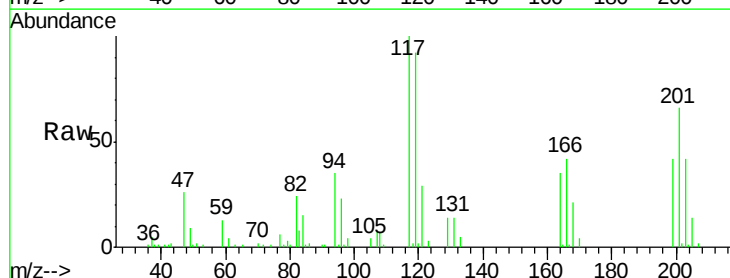
Instrument :
BNA_F
ClientSampleId :
SB-08-COMPMSD

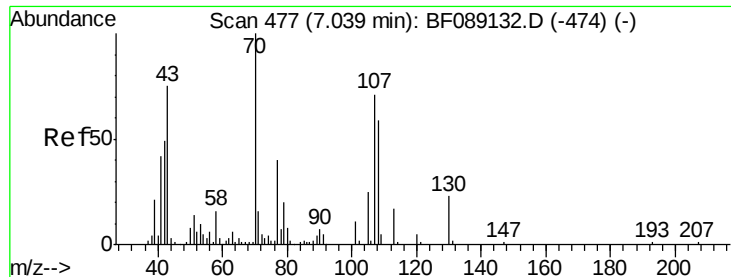
Tgt Ion:107 Resp: 111436
Ion Ratio Lower Upper
107 100
108 113.0 89.4 134.2
77 64.3 53.4 80.0
79 59.1 49.0 73.4



#18
Hexachloroethane
Concen: 35.43 ng
RT: 7.08 min Scan# 481
Delta R.T. -0.02 min
Lab File: BF089261.D
Acq: 24 Jul 2016 5:35

Tgt Ion:117 Resp: 54250
Ion Ratio Lower Upper
117 100
119 92.3 74.5 111.7
201 66.3 51.8 77.6

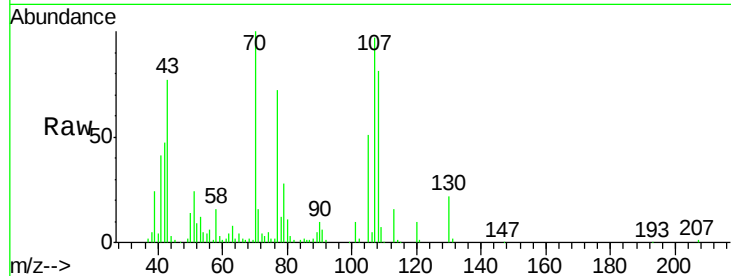




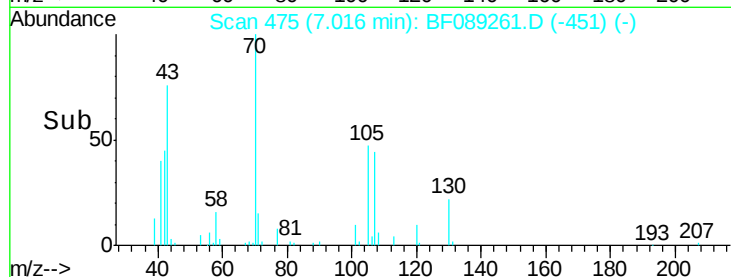
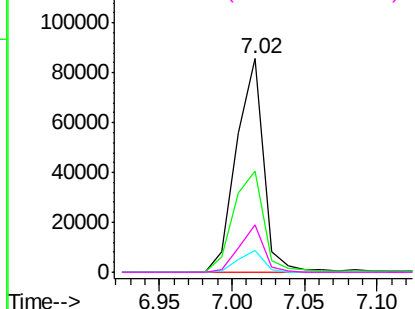
#19
n-Nitroso-di-n-propylamine
Concen: 40.29 ng
RT: 7.02 min Scan# 475
Delta R.T. -0.02 min
Lab File: BF089261.D
Acq: 24 Jul 2016 5:35

Instrument :
BNA_F
ClientSampleId :
SB-08-COMPMSD

Tgt Ion:	70	Resp:	112164
Ion	Ratio	Lower	Upper
70	100		
42	47.3	39.2	58.8
101	10.3	8.5	12.7
130	22.5	18.4	27.6



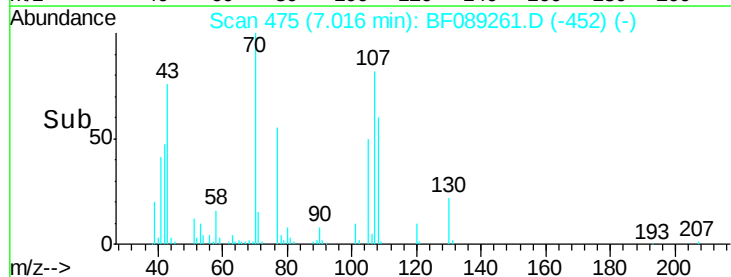
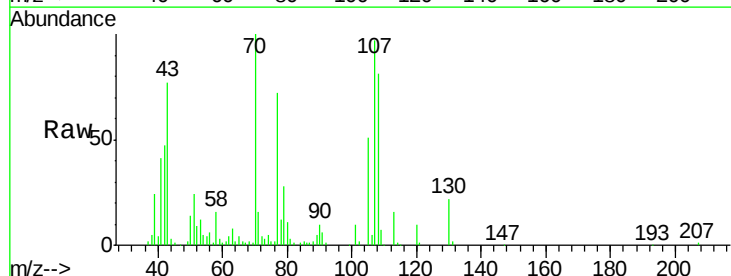
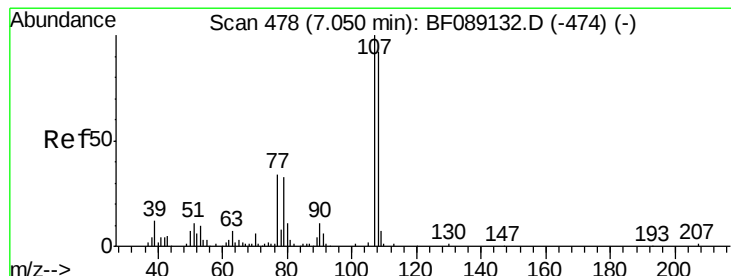
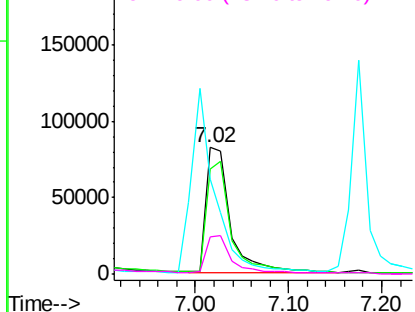
Abundance Ion 70.00 (69.70 to 70.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

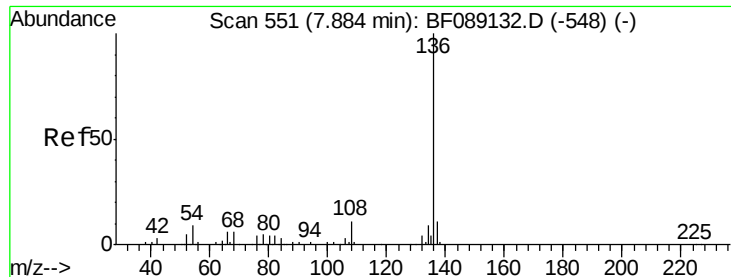


#20
3+4-Methylphenols
Concen: 38.51 ng
RT: 7.02 min Scan# 475
Delta R.T. -0.03 min
Lab File: BF089261.D
Acq: 24 Jul 2016 5:35

Tgt Ion:	107	Resp:	150851
Ion	Ratio	Lower	Upper
107	100		
108	83.3	72.5	112.5
77	74.7	17.7	57.7#
79	29.4	12.9	52.9

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





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.87 min Scan# 550

Delta R.T. -0.01 min

Lab File: BF089261.D

Acq: 24 Jul 2016 5:35

Instrument :

BNA_F

ClientSampleId :

SB-08-COMPMSD

Tgt Ion:136 Resp: 203417

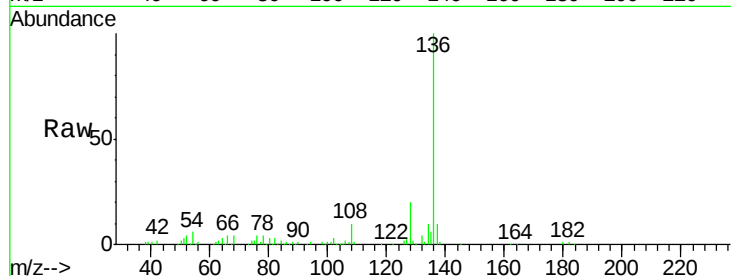
Ion Ratio Lower Upper

136 100

137 10.4 8.8 13.2

54 5.8 7.0 10.4#

68 4.4 5.0 7.6#

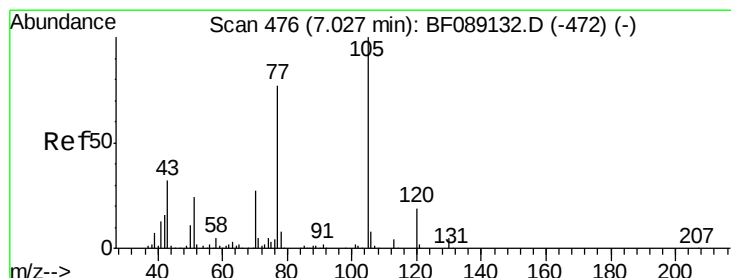
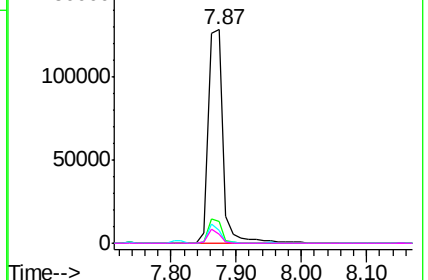
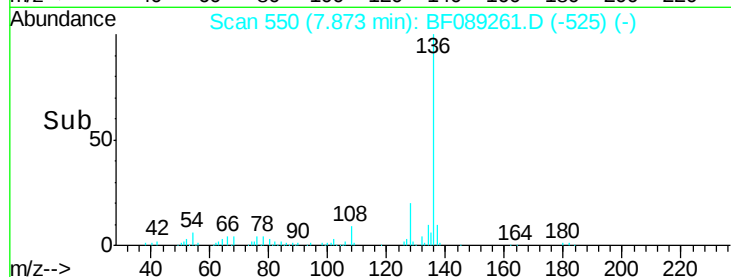


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 39.61 ng

RT: 7.00 min Scan# 474

Delta R.T. -0.02 min

Lab File: BF089261.D

Acq: 24 Jul 2016 5:35

Tgt Ion:105 Resp: 215141

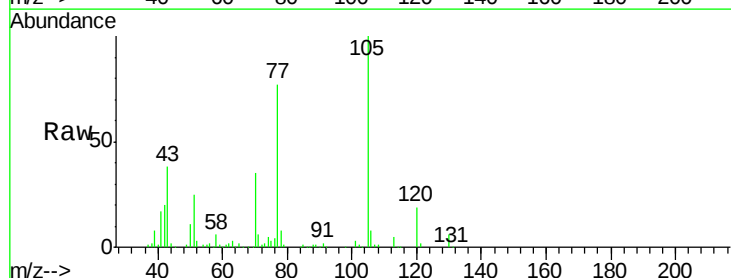
Ion Ratio Lower Upper

105 100

71 5.8 3.8 5.6#

51 24.6 19.6 29.4

120 19.2 15.5 23.3

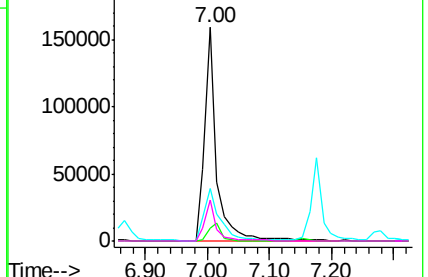
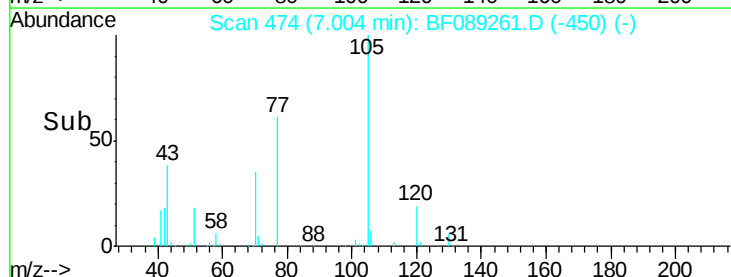


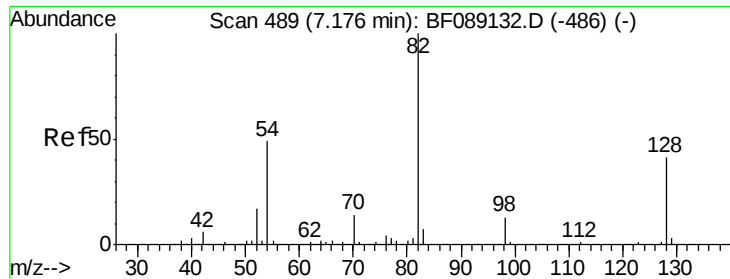
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

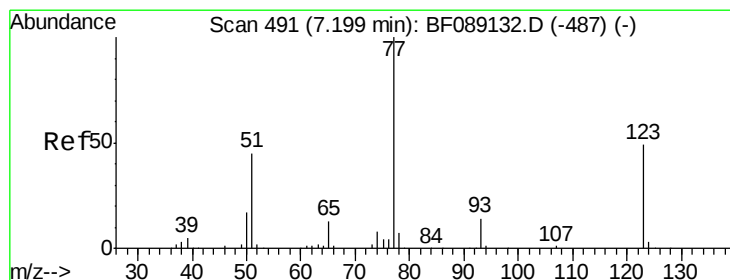
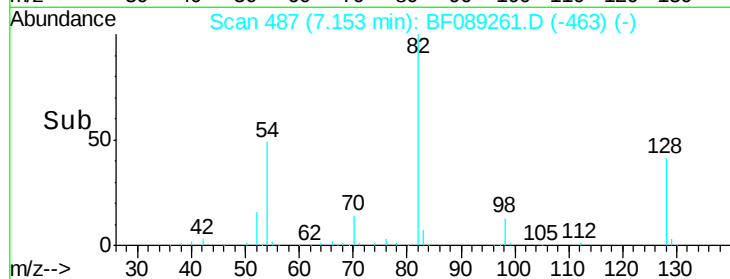
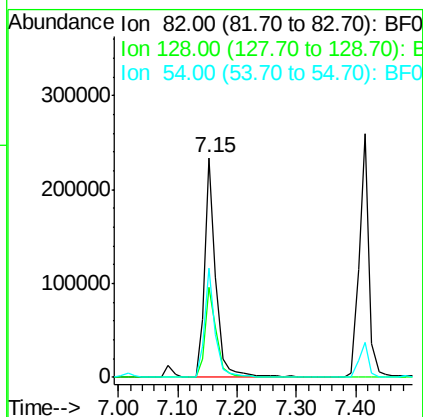
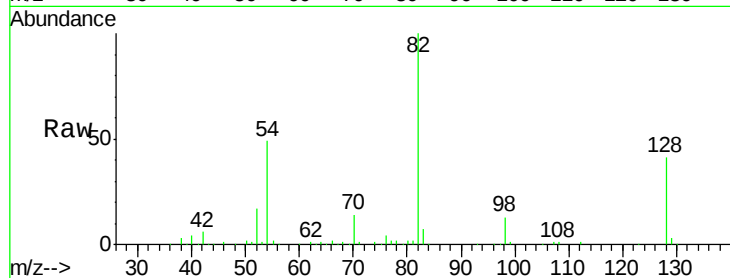




#23
Nitrobenzene-d5
Concen: 82.04 ng
RT: 7.15 min Scan# 487
Delta R.T. -0.02 min
Lab File: BF089261.D
Acq: 24 Jul 2016 5:35

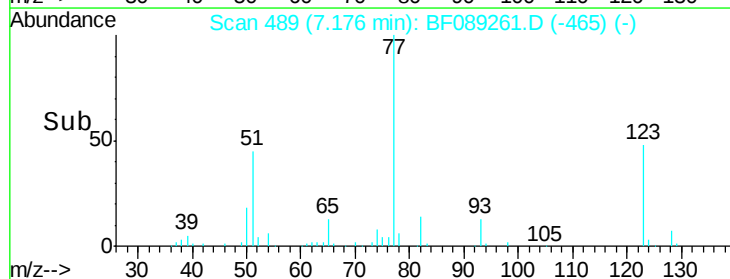
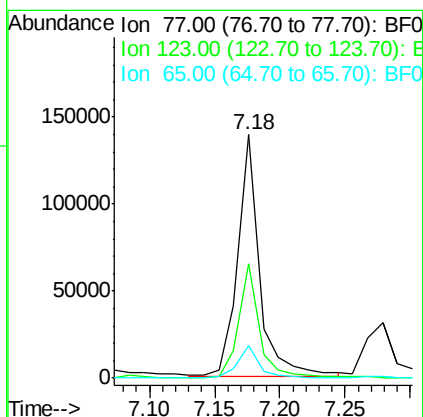
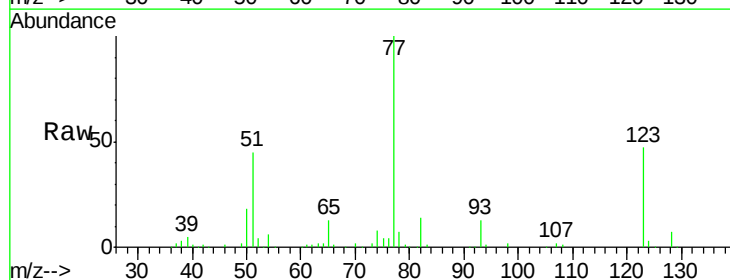
Instrument :
BNA_F
ClientSampleId :
SB-08-COMPMSD

Tgt Ion	Ratio	Lower	Upper
82	100		
128	40.8	33.0	49.6
54	49.5	39.0	58.4



#24
Nitrobenzene
Concen: 40.03 ng
RT: 7.18 min Scan# 489
Delta R.T. -0.02 min
Lab File: BF089261.D
Acq: 24 Jul 2016 5:35

Tgt Ion	Ratio	Lower	Upper
77	100		
123	46.7	38.9	58.3
65	13.1	10.6	15.8





#25

Isophorone

Concen: 41.03 ng

RT: 7.42 min Scan# 510

Delta R.T. -0.02 min

Lab File: BF089261.D

Acq: 24 Jul 2016 5:35

Instrument :

BNA_F

ClientSampleId :

SB-08-COMPMSD

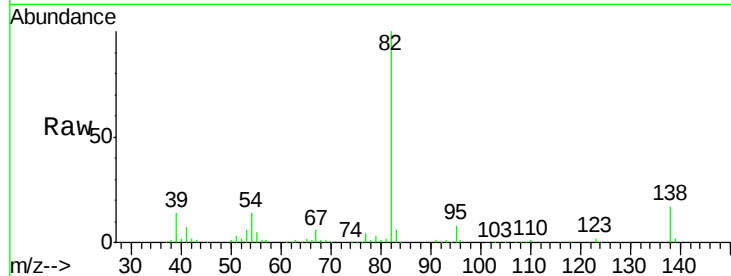
Tgt Ion: 82 Resp: 289495

Ion Ratio Lower Upper

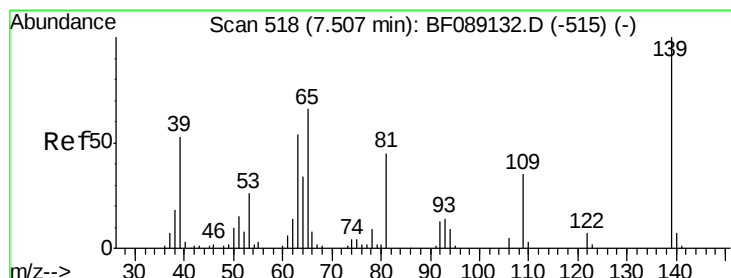
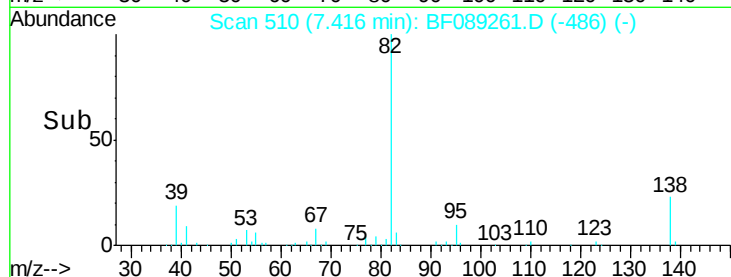
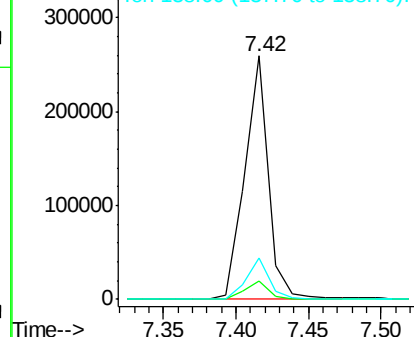
82 100

95 7.7 6.1 9.1

138 17.2 13.6 20.4



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



#26

2-Nitrophenol

Concen: 37.79 ng

RT: 7.50 min Scan# 517

Delta R.T. -0.01 min

Lab File: BF089261.D

Acq: 24 Jul 2016 5:35

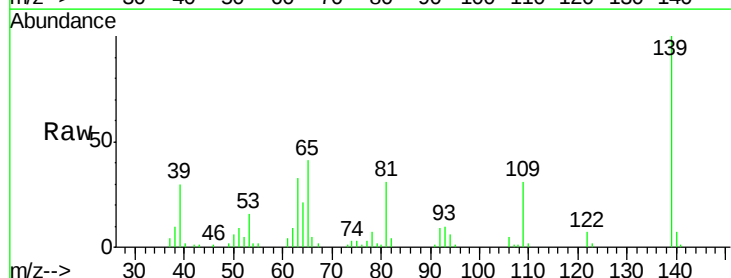
Tgt Ion: 139 Resp: 71159

Ion Ratio Lower Upper

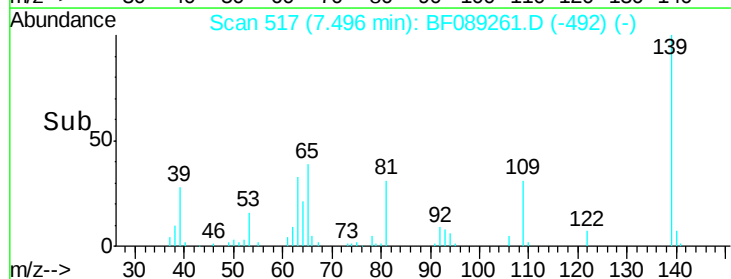
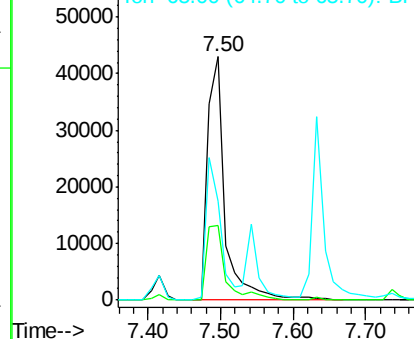
139 100

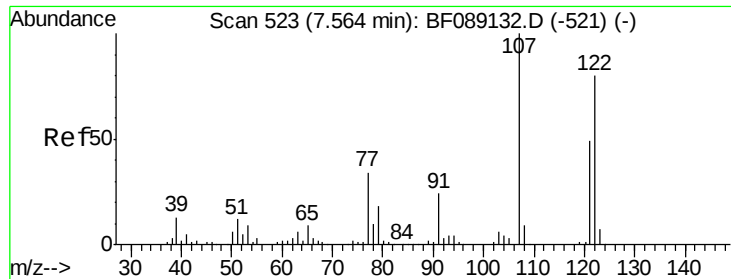
109 30.6 28.1 42.1

65 40.8 52.7 79.1#



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

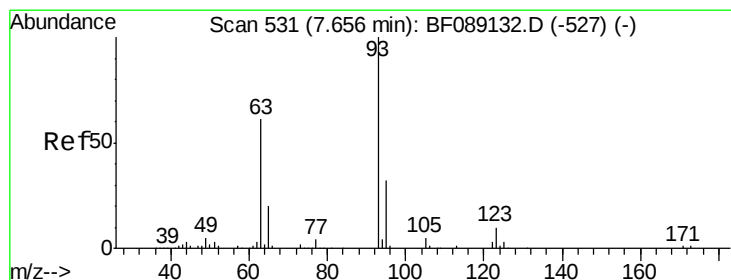
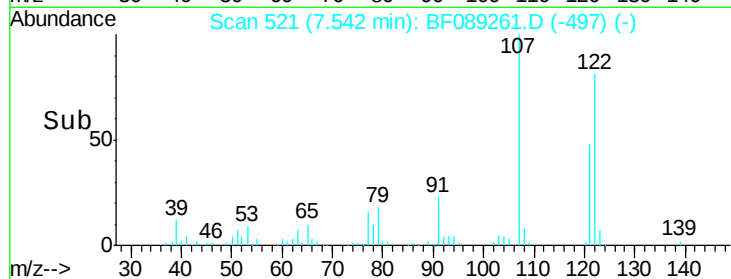
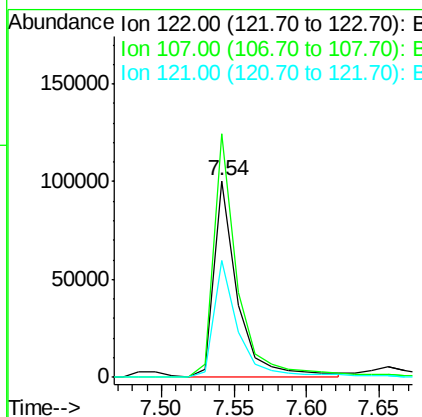
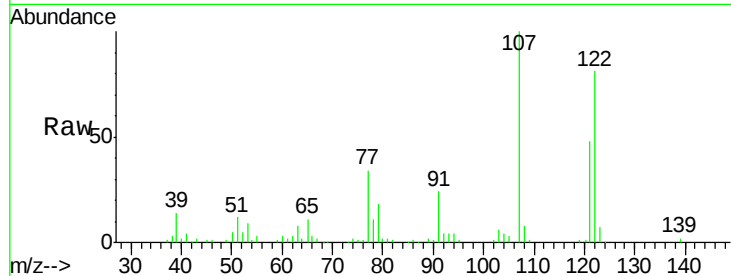




#27
 2,4-Dimethylphenol
 Concen: 36.12 ng
 RT: 7.54 min Scan# 521
 Delta R.T. -0.02 min
 Lab File: BF089261.D
 Acq: 24 Jul 2016 5:35

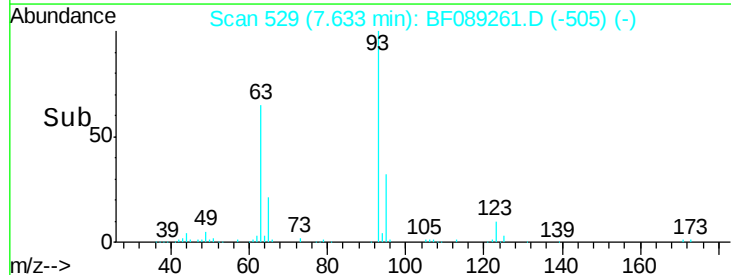
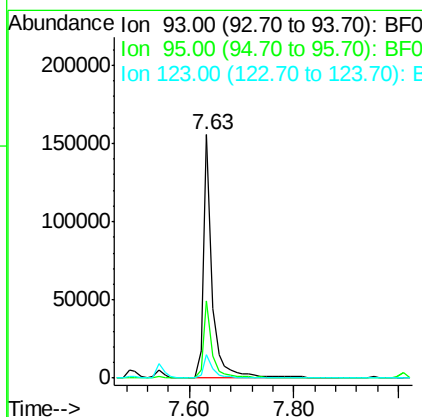
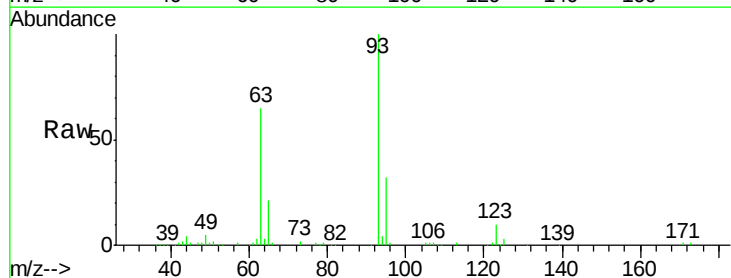
Instrument :
 BNA_F
 ClientSampleId :
 SB-08-COMPMSD

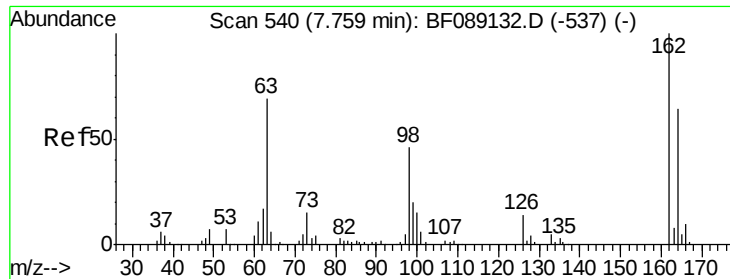
Tgt Ion:122 Resp: 114610
 Ion Ratio Lower Upper
 122 100
 107 123.9 99.7 149.5
 121 59.4 48.5 72.7



#28
 bis(2-Chloroethoxy)methane
 Concen: 41.54 ng
 RT: 7.63 min Scan# 529
 Delta R.T. -0.02 min
 Lab File: BF089261.D
 Acq: 24 Jul 2016 5:35

Tgt Ion: 93 Resp: 183308
 Ion Ratio Lower Upper
 93 100
 95 31.6 25.4 38.0
 123 9.7 8.3 12.5

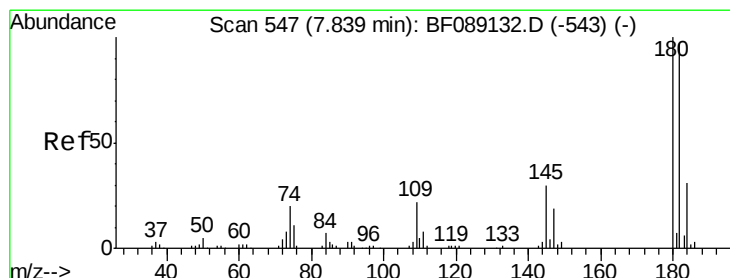
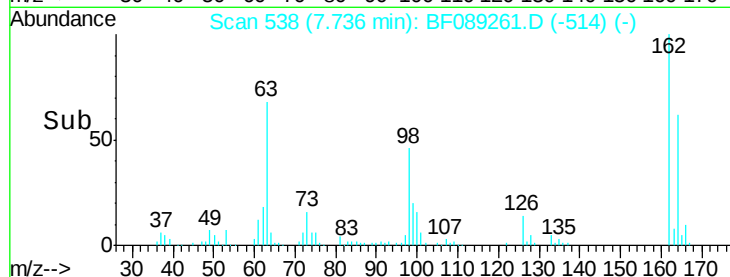
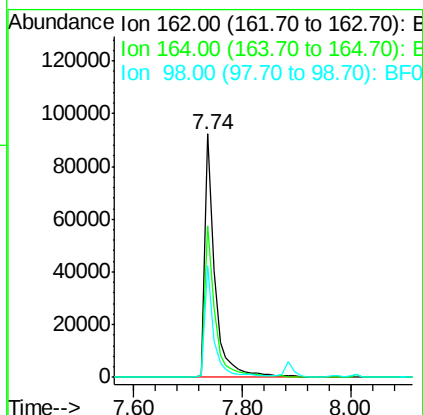
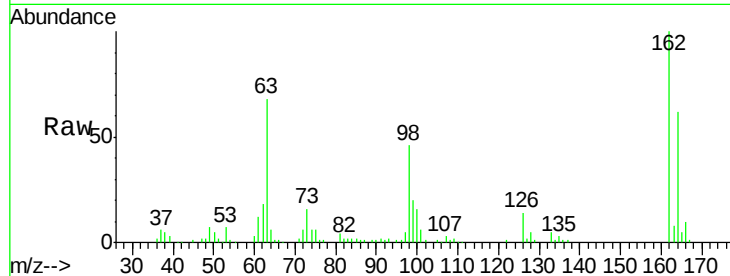




#29
 2,4-Dichlorophenol
 Concen: 41.66 ng
 RT: 7.74 min Scan# 538
 Delta R.T. -0.02 min
 Lab File: BF089261.D
 Acq: 24 Jul 2016 5:35

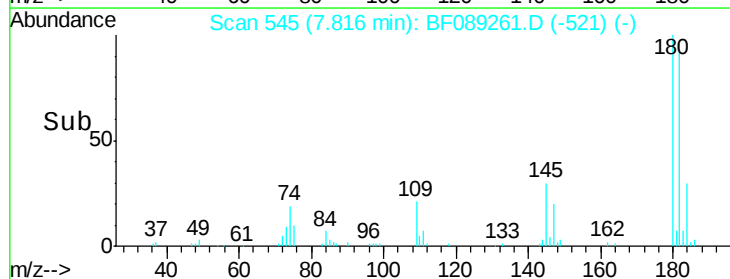
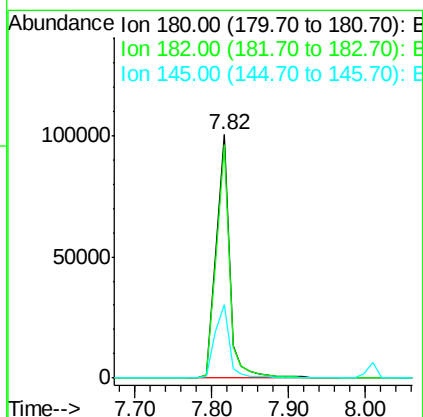
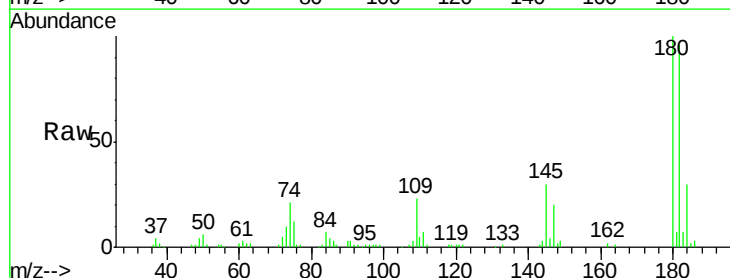
Instrument :
 BNA_F
 ClientSampleId :
 SB-08-COMPMSD

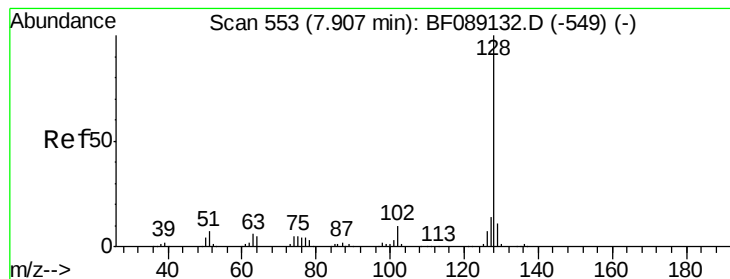
Tgt Ion:162 Resp: 119113
 Ion Ratio Lower Upper
 162 100
 164 62.2 44.0 84.0
 98 45.9 26.0 66.0



#30
 1,2,4-Trichlorobenzene
 Concen: 38.86 ng
 RT: 7.82 min Scan# 545
 Delta R.T. -0.02 min
 Lab File: BF089261.D
 Acq: 24 Jul 2016 5:35

Tgt Ion:180 Resp: 123007
 Ion Ratio Lower Upper
 180 100
 182 95.8 77.6 116.4
 145 30.1 24.0 36.0





#31

Naphthalene

Concen: 37.39 ng

RT: 7.88 min Scan# 551

Delta R.T. -0.02 min

Lab File: BF089261.D

Acq: 24 Jul 2016 5:35

Instrument :

BNA_F

ClientSampleId :

SB-08-COMPMSD

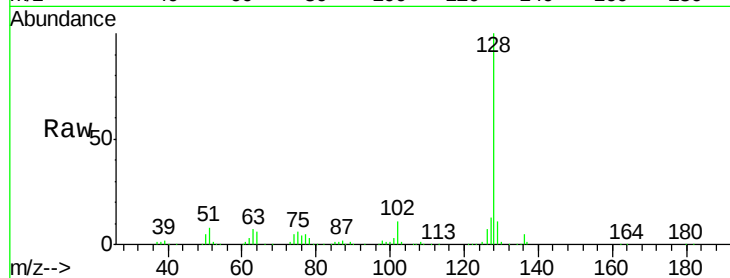
Tgt Ion:128 Resp: 410460

Ion Ratio Lower Upper

128 100

129 11.4 8.9 13.3

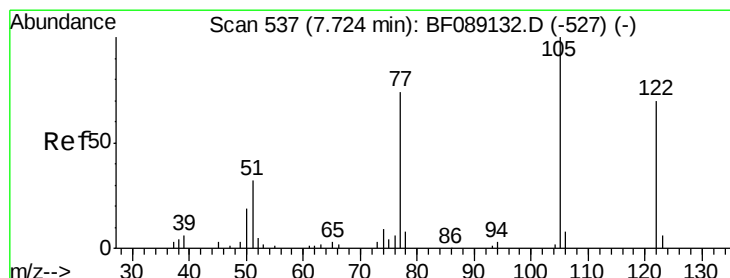
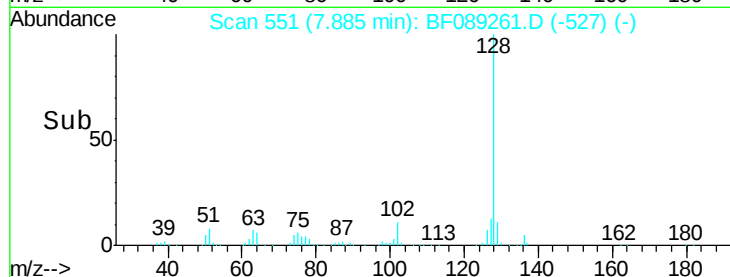
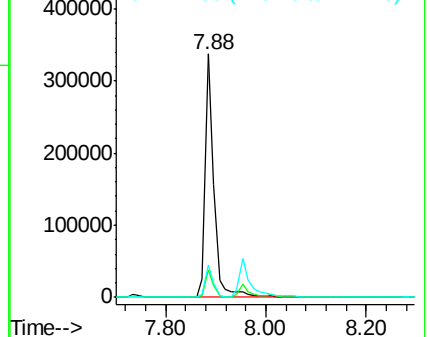
127 13.5 10.8 16.2



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: 6.27 ng

RT: 7.66 min Scan# 531

Delta R.T. -0.07 min

Lab File: BF089261.D

Acq: 24 Jul 2016 5:35

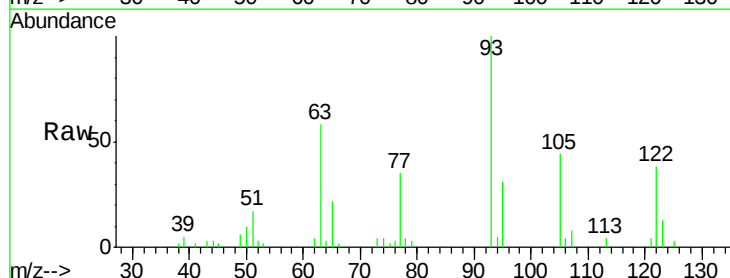
Tgt Ion:122 Resp: 15296

Ion Ratio Lower Upper

122 100

105 116.4 119.0 159.0#

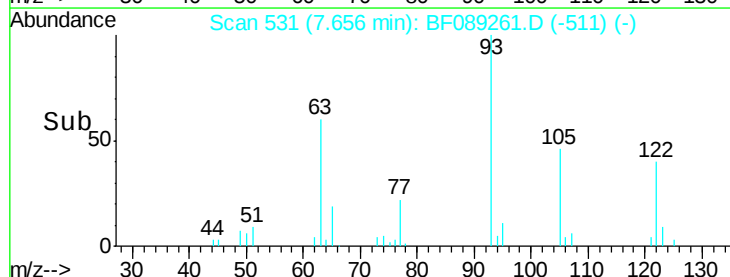
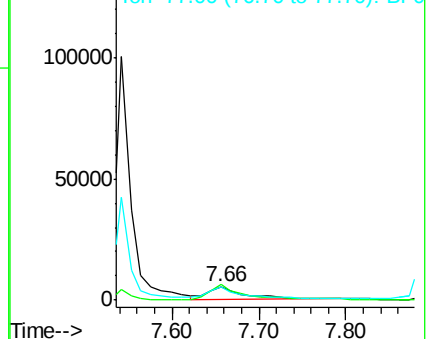
77 91.6 84.7 124.7

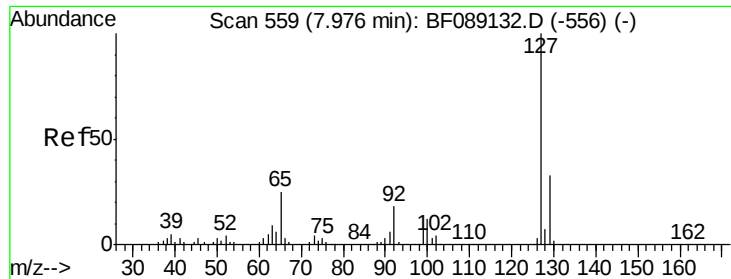


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

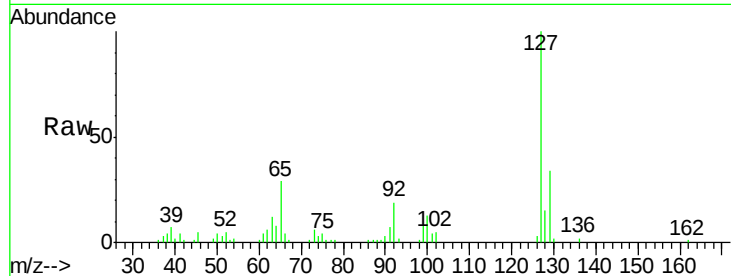




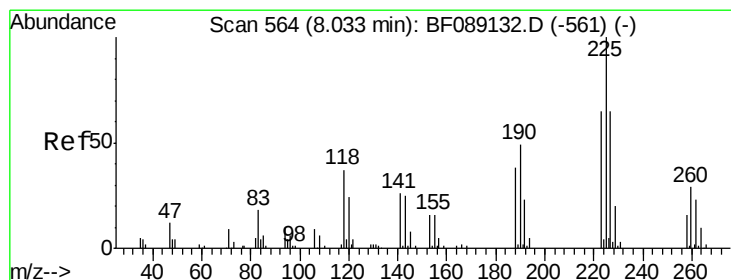
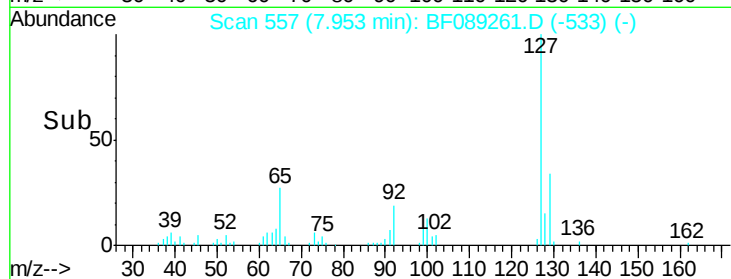
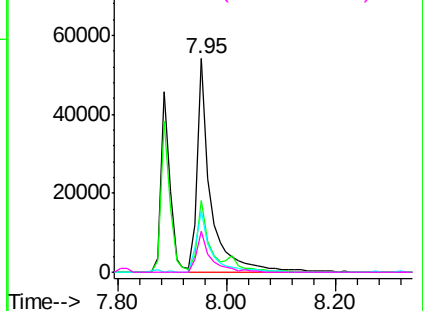
#33
4-Chloroaniline
Concen: 19.95 ng
RT: 7.95 min Scan# 557
Delta R.T. -0.02 min
Lab File: BF089261.D
Acq: 24 Jul 2016 5:35

Instrument :
BNA_F
ClientSampleId :
SB-08-COMPMSD

Tgt Ion:	127	Resp:	92101
Ion	Ratio	Lower	Upper
127	100		
129	33.7	25.9	38.9
65	28.9	19.7	29.5
92	19.2	14.3	21.5

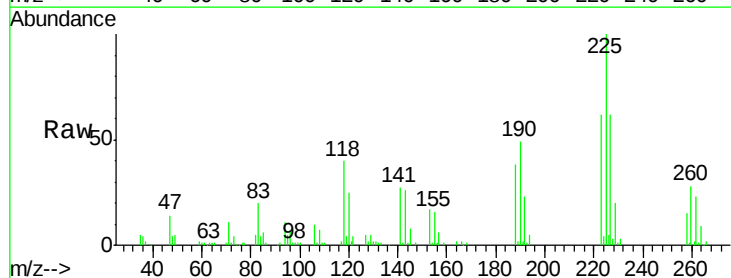


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

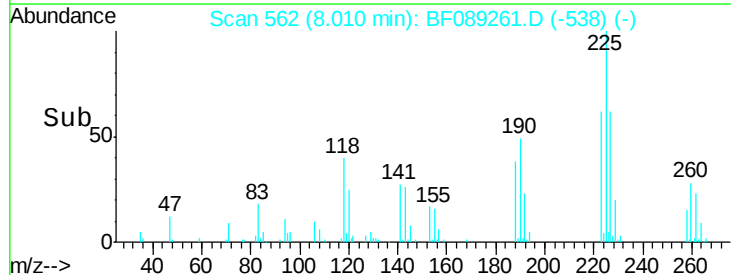
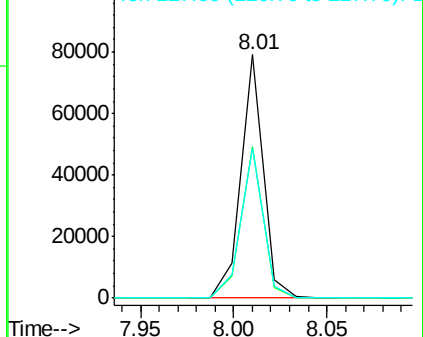


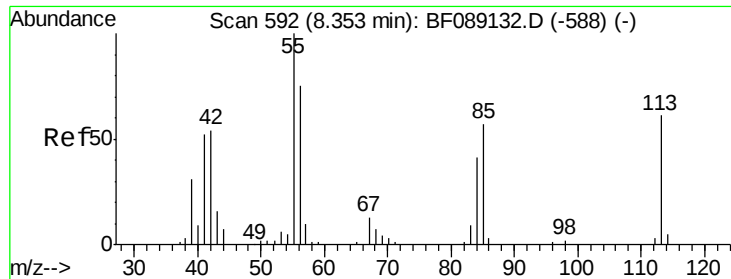
#34
Hexachlorobutadiene
Concen: 37.79 ng
RT: 8.01 min Scan# 562
Delta R.T. -0.02 min
Lab File: BF089261.D
Acq: 24 Jul 2016 5:35

Tgt Ion:	225	Resp:	66582
Ion	Ratio	Lower	Upper
225	100		
223	62.1	51.6	77.4
227	61.9	51.6	77.4



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

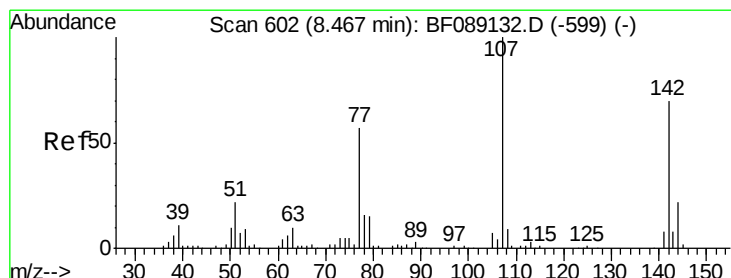
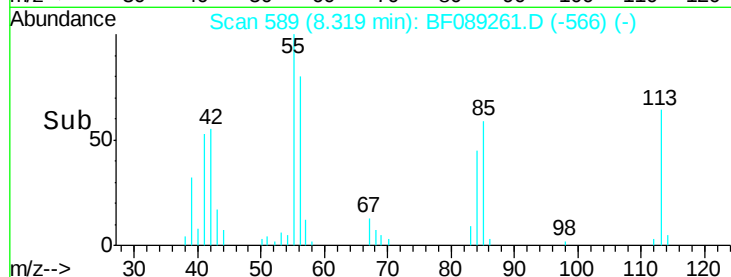
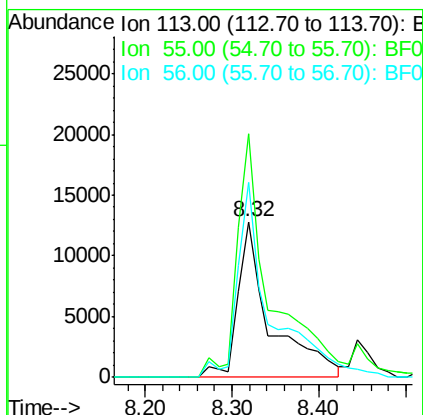
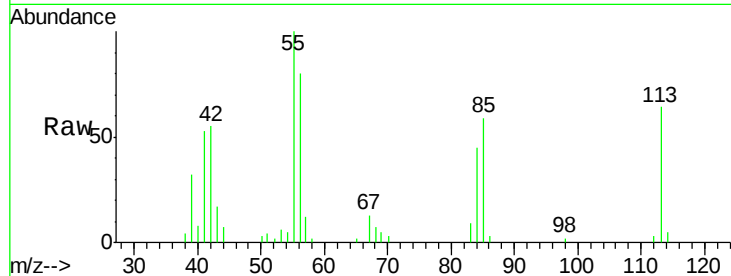




#35
 Caprolactam
 Concen: 37.73 ng
 RT: 8.32 min Scan# 589
 Delta R.T. -0.03 min
 Lab File: BF089261.D
 Acq: 24 Jul 2016 5:35

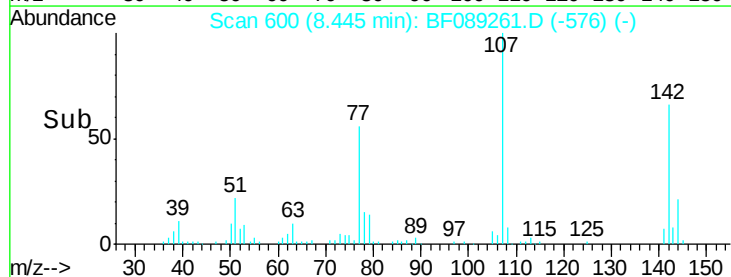
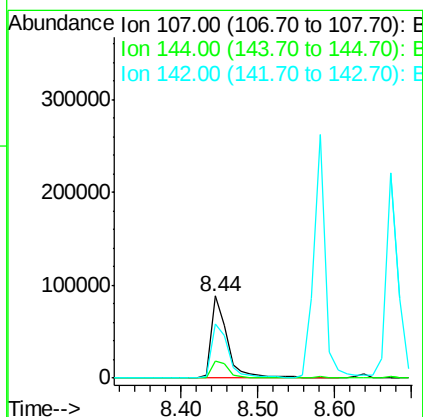
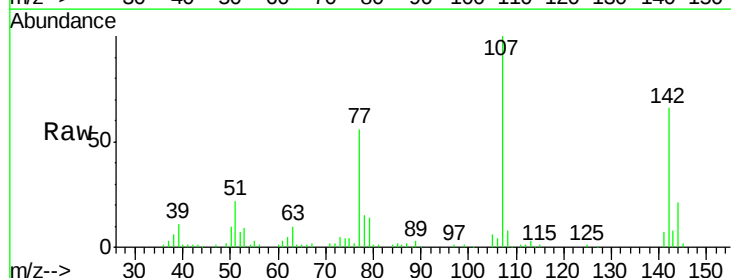
Instrument :
 BNA_F
 ClientSampleId :
 SB-08-COMPMSD

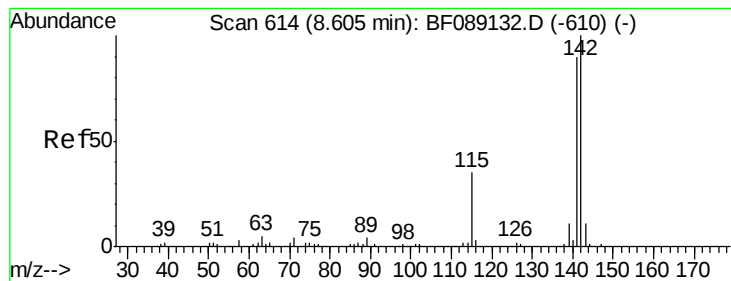
Tgt Ion:113 Resp: 33501
 Ion Ratio Lower Upper
 113 100
 55 156.3 145.3 185.3
 56 125.5 104.3 144.3



#36
 4-Chloro-3-methylphenol
 Concen: 37.07 ng
 RT: 8.44 min Scan# 600
 Delta R.T. -0.02 min
 Lab File: BF089261.D
 Acq: 24 Jul 2016 5:35

Tgt Ion:107 Resp: 127705
 Ion Ratio Lower Upper
 107 100
 144 21.5 17.8 26.6
 142 66.2 56.1 84.1





#37

2-Methylnaphthalene

Concen: 38.91 ng

RT: 8.58 min Scan# 612

Delta R.T. -0.02 min

Lab File: BF089261.D

Acq: 24 Jul 2016 5:35

Instrument :

BNA_F

ClientSampleId :

SB-08-COMPMSD

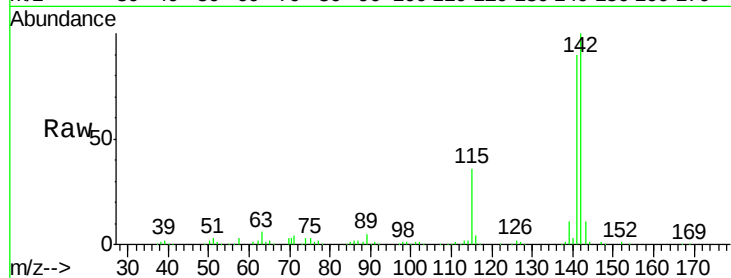
Tgt Ion:142 Resp: 272447

Ion Ratio Lower Upper

142 100

141 90.2 71.6 107.4

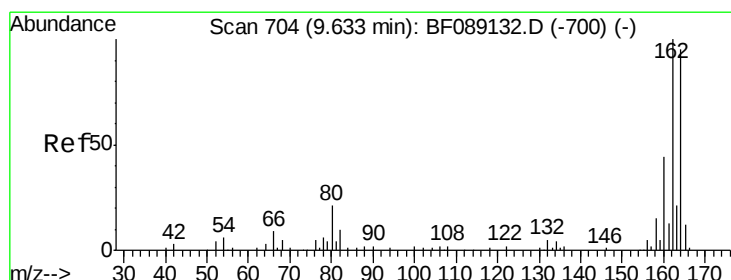
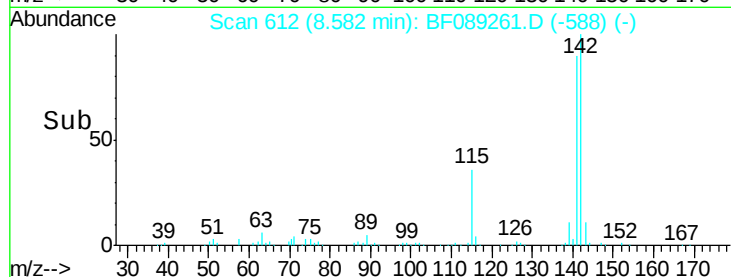
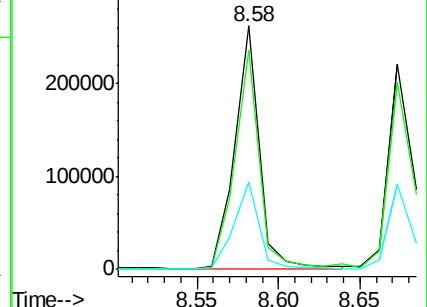
115 35.8 27.6 41.4



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: 9.61 min Scan# 702

Delta R.T. -0.02 min

Lab File: BF089261.D

Acq: 24 Jul 2016 5:35

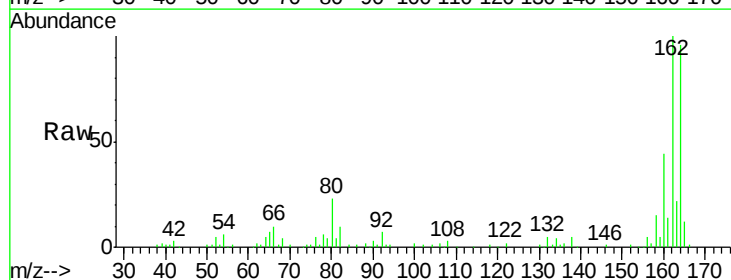
Tgt Ion:164 Resp: 90154

Ion Ratio Lower Upper

164 100

162 104.4 84.1 126.1

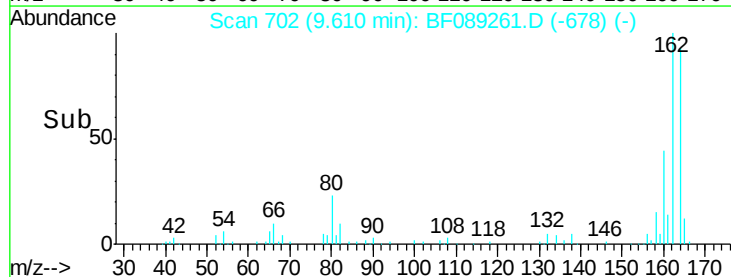
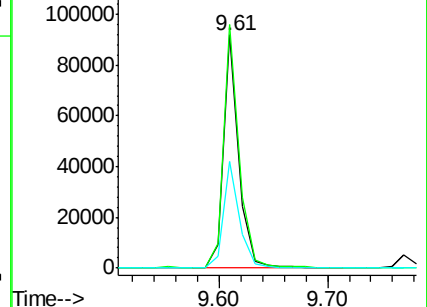
160 45.7 37.1 55.7

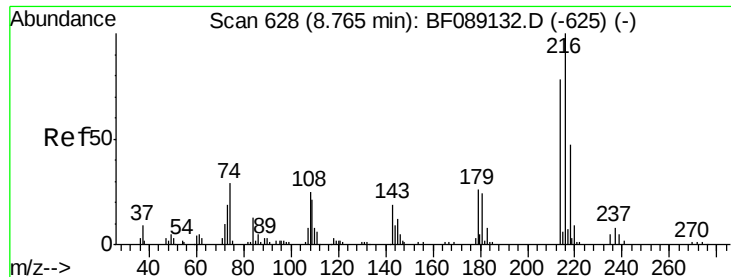


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

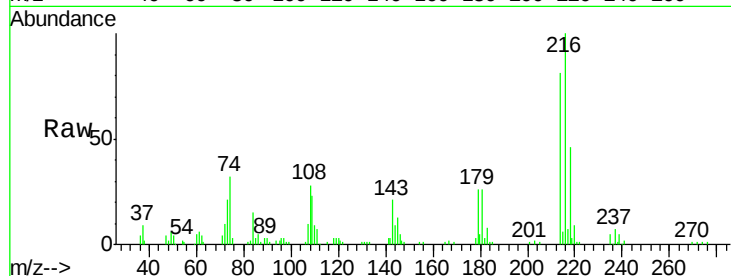




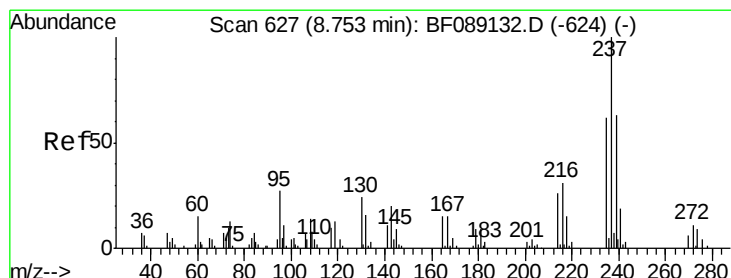
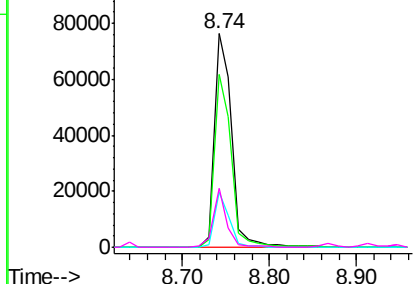
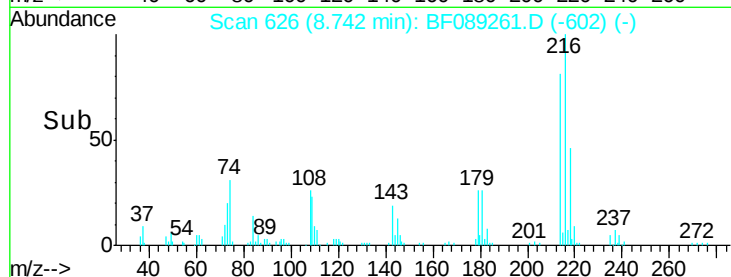
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 31.98 ng
 RT: 8.74 min Scan# 626
 Delta R.T. -0.02 min
 Lab File: BF089261.D
 Acq: 24 Jul 2016 5:35

Instrument :
 BNA_F
 ClientSampleId :
 SB-08-COMPMSD

Tgt Ion:	216	Resp:	107162
Ion	Ratio	Lower	Upper
216	100		
214	78.8	61.9	92.9
179	22.5	18.4	27.6
108	21.7	17.0	25.6

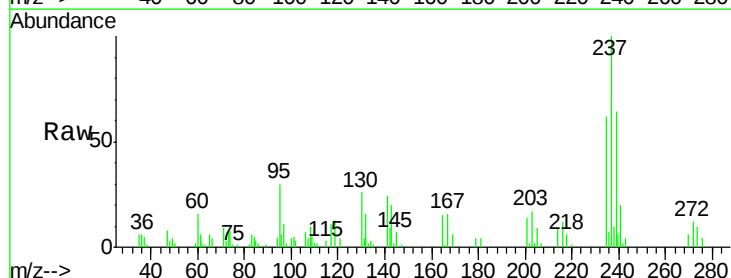


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

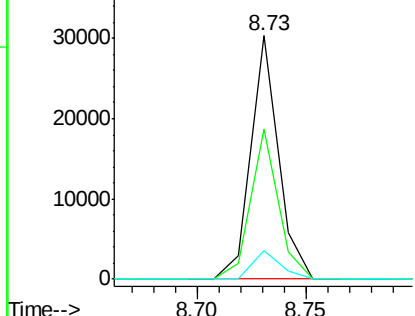
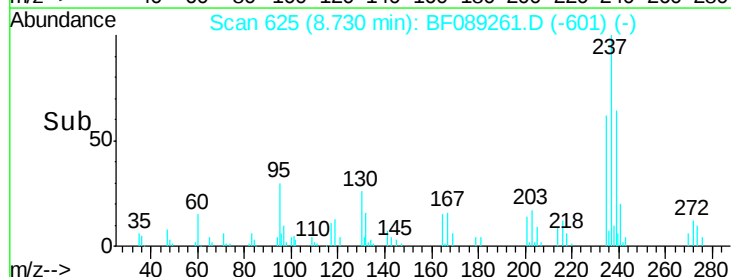


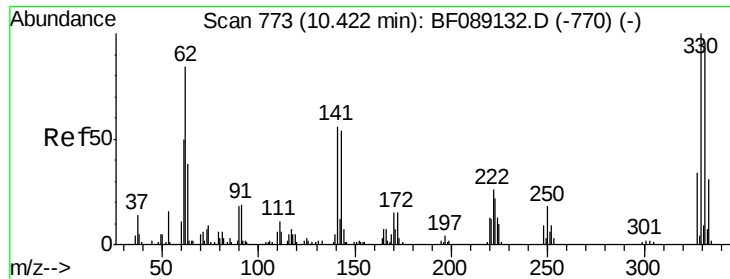
#40
 Hexachlorocyclopentadiene
 Concen: 29.75 ng
 RT: 8.73 min Scan# 625
 Delta R.T. -0.02 min
 Lab File: BF089261.D
 Acq: 24 Jul 2016 5:35

Tgt Ion:	237	Resp:	26715
Ion	Ratio	Lower	Upper
237	100		
235	61.7	42.1	82.1
272	11.6	0.0	31.4



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

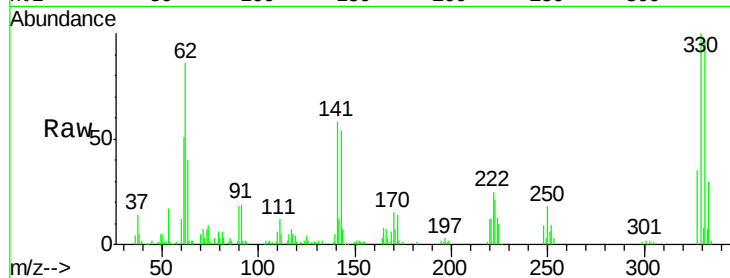




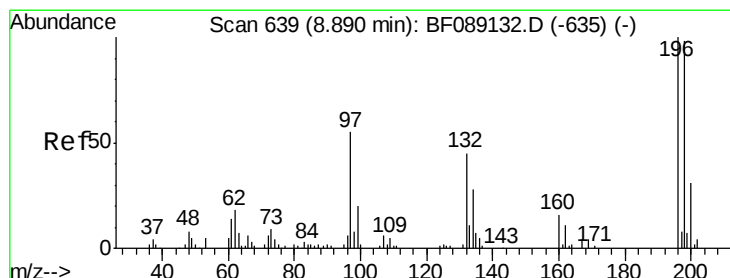
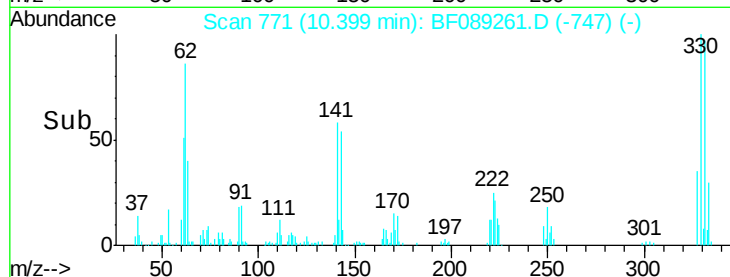
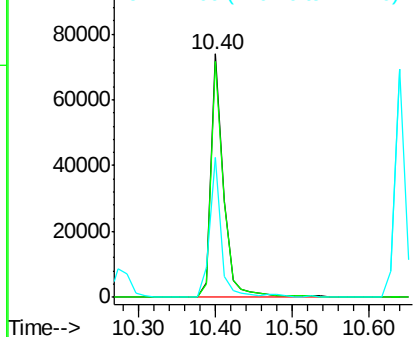
#41
 2,4,6-Tribromophenol
 Concen: 102.93 ng
 RT: 10.40 min Scan# 771
 Delta R.T. -0.02 min
 Lab File: BF089261.D
 Acq: 24 Jul 2016 5:35

Instrument :
 BNA_F
 ClientSampleId :
 SB-08-COMPMSD

Tgt Ion:330 Resp: 83547
 Ion Ratio Lower Upper
 330 100
 332 96.5 77.2 115.8
 141 51.6 42.2 63.2

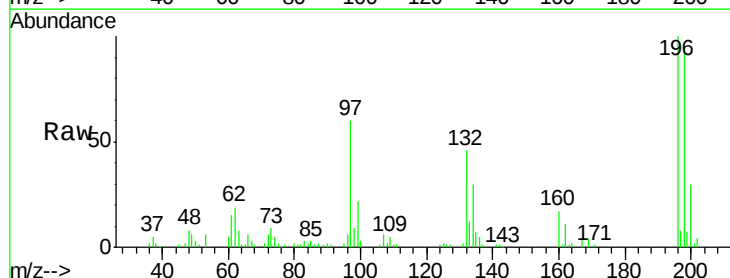


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

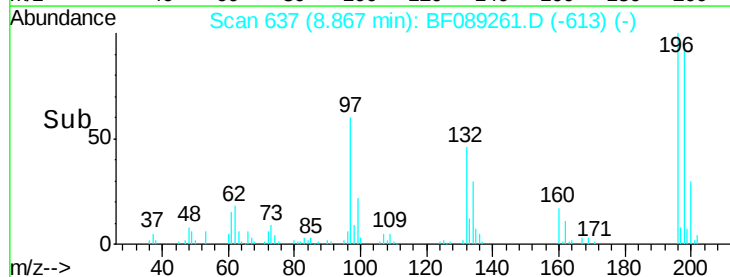
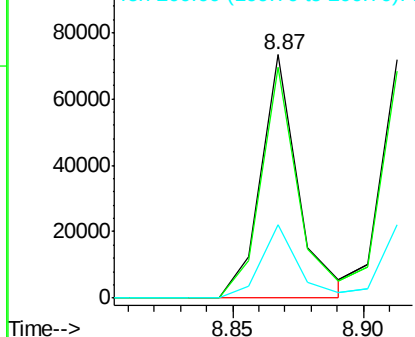


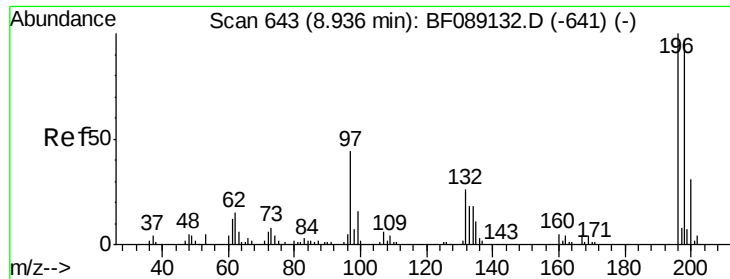
#42
 2,4,6-Trichlorophenol
 Concen: 38.90 ng
 RT: 8.87 min Scan# 637
 Delta R.T. -0.02 min
 Lab File: BF089261.D
 Acq: 24 Jul 2016 5:35

Tgt Ion:196 Resp: 72954
 Ion Ratio Lower Upper
 196 100
 198 95.0 78.3 117.5
 200 30.2 25.0 37.4



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

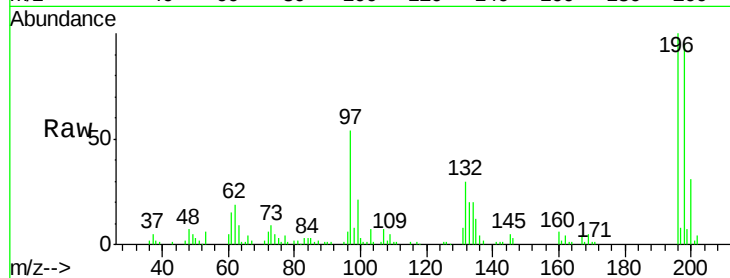




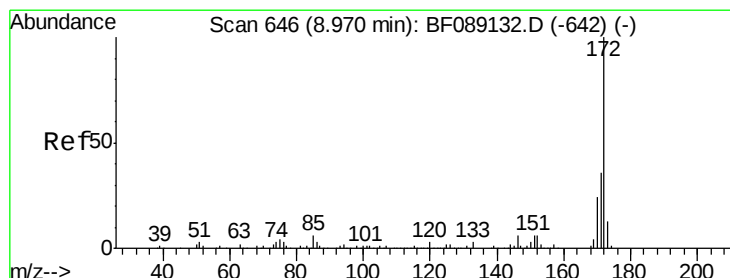
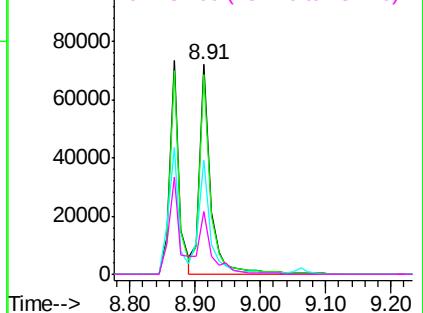
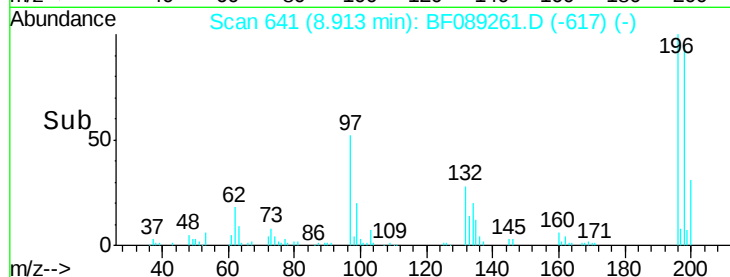
#43
 2,4,5-Trichlorophenol
 Concen: 45.48 ng
 RT: 8.91 min Scan# 641
 Delta R.T. -0.02 min
 Lab File: BF089261.D
 Acq: 24 Jul 2016 5:35

Instrument :
 BNA_F
 ClientSampleId :
 SB-08-COMPMSD

Tgt Ion:196 Resp: 85613
 Ion Ratio Lower Upper
 196 100
 198 95.2 77.6 116.4
 97 54.3 36.5 54.7
 132 30.1 21.2 31.8

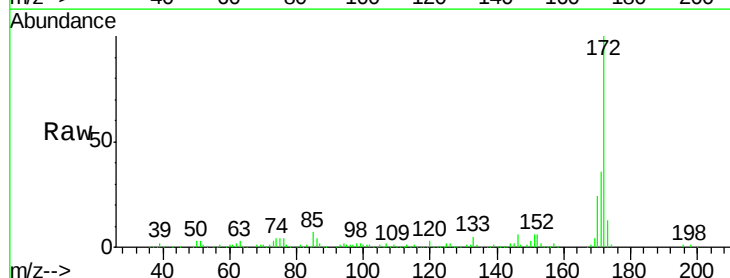


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

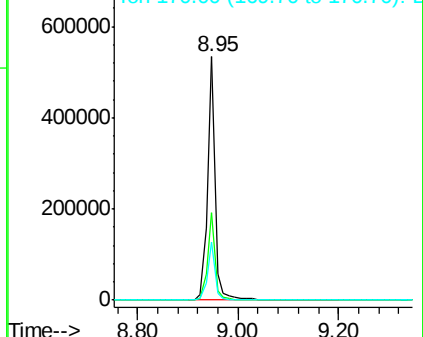
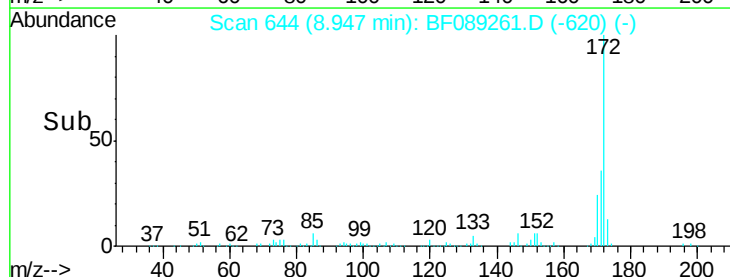


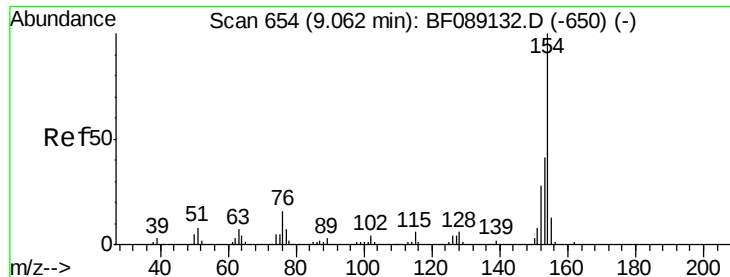
#44
 2-Fluorobiphenyl
 Concen: 84.83 ng
 RT: 8.95 min Scan# 644
 Delta R.T. -0.02 min
 Lab File: BF089261.D
 Acq: 24 Jul 2016 5:35

Tgt Ion:172 Resp: 555049
 Ion Ratio Lower Upper
 172 100
 171 36.0 29.2 43.8
 170 23.9 19.1 28.7



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

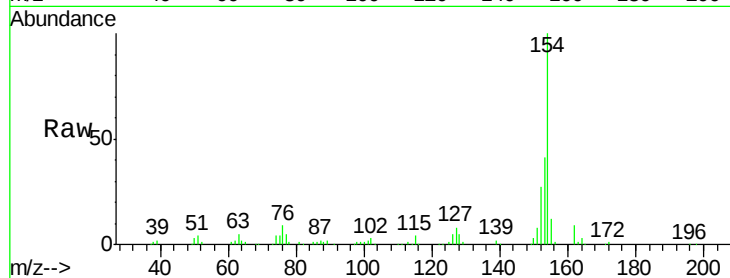




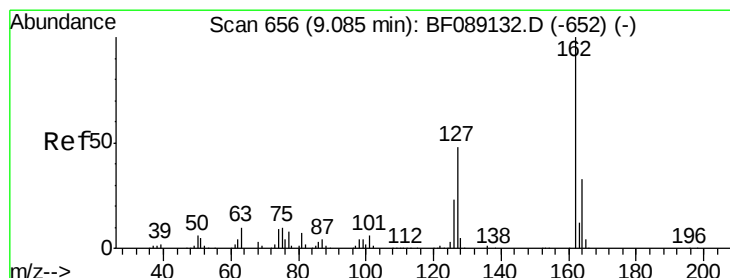
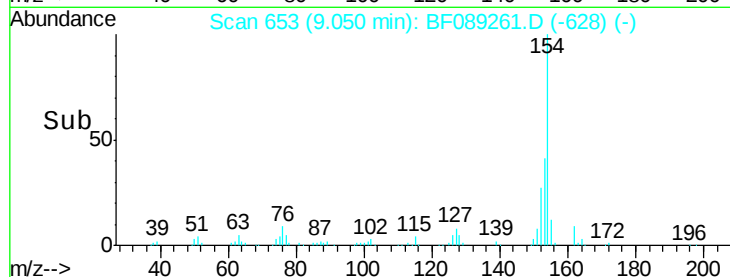
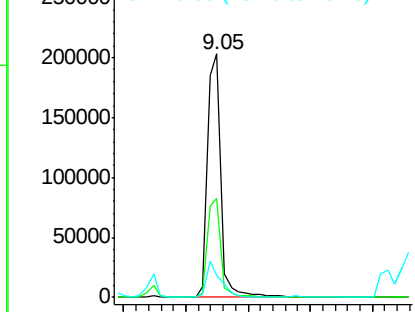
#45
 1,1'-Biphenyl
 Concen: 37.52 ng
 RT: 9.05 min Scan# 653
 Delta R.T. -0.01 min
 Lab File: BF089261.D
 Acq: 24 Jul 2016 5:35

Instrument :
 BNA_F
 ClientSampleId :
 SB-08-COMPMSD

Tgt Ion:154 Resp: 304616
 Ion Ratio Lower Upper
 154 100
 153 40.8 21.1 61.1
 76 9.1 0.0 35.8

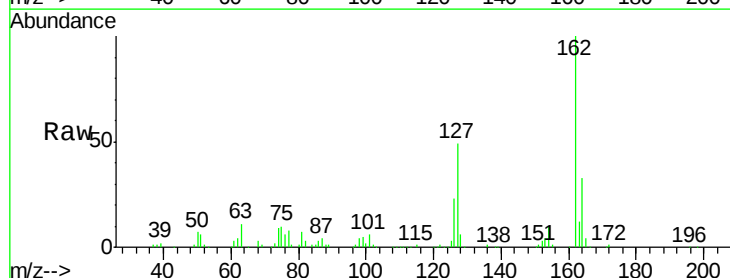


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

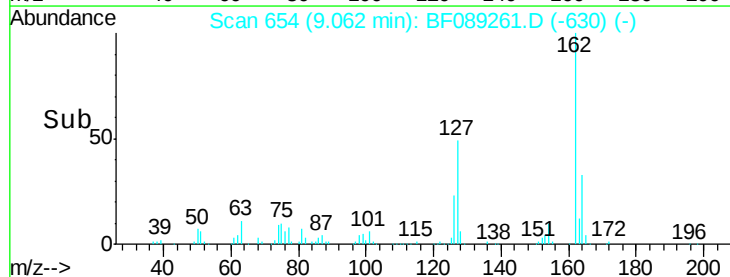
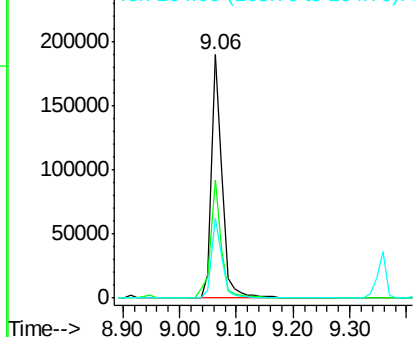


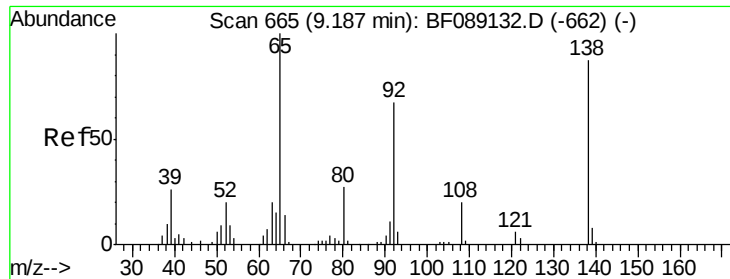
#46
 2-Chloronaphthalene
 Concen: 38.50 ng
 RT: 9.06 min Scan# 654
 Delta R.T. -0.02 min
 Lab File: BF089261.D
 Acq: 24 Jul 2016 5:35

Tgt Ion:162 Resp: 237495
 Ion Ratio Lower Upper
 162 100
 127 48.6 38.1 57.1
 164 32.7 26.1 39.1



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

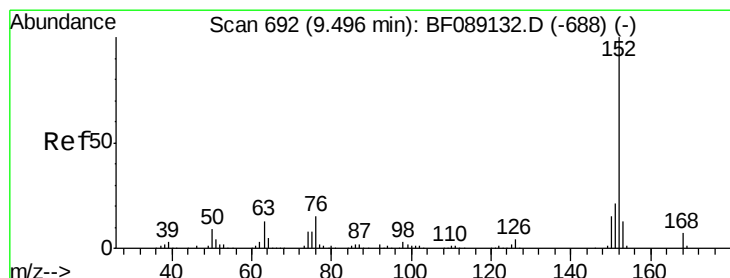
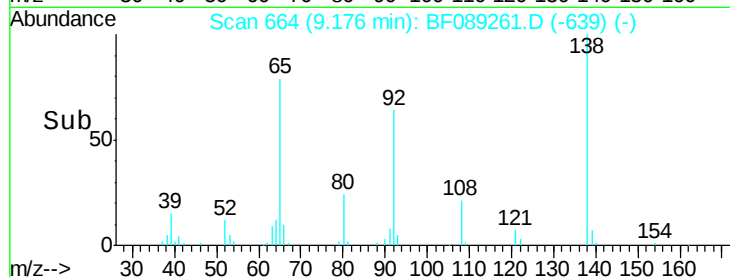
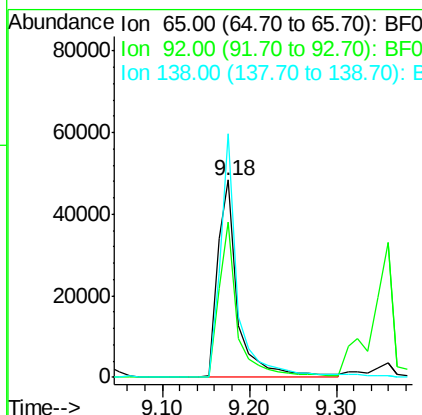
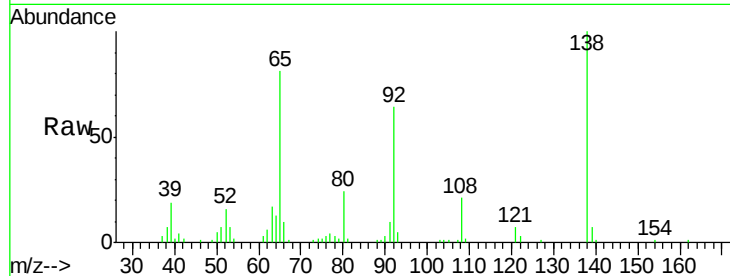




#47
2-Nitroaniline
Concen: 37.17 ng
RT: 9.18 min Scan# 664
Delta R.T. -0.01 min
Lab File: BF089261.D
Acq: 24 Jul 2016 5:35

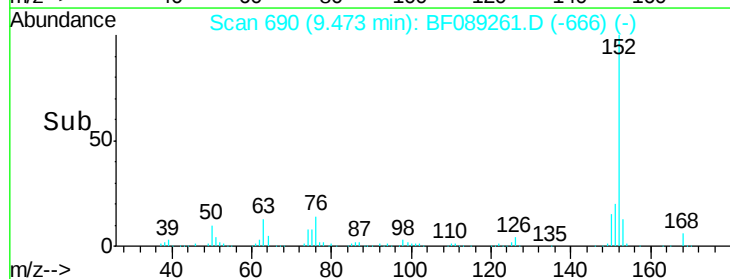
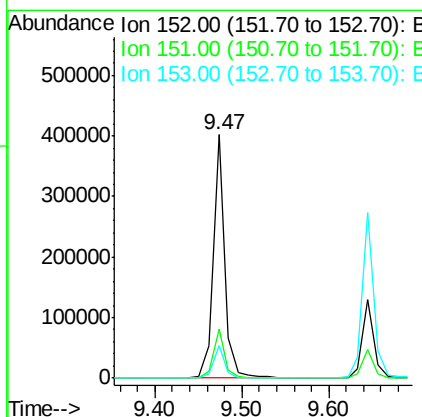
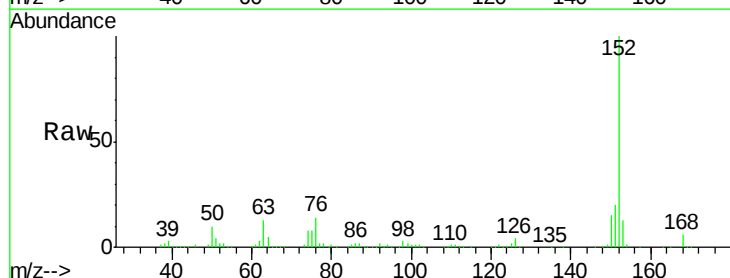
Instrument :
BNA_F
ClientSampleId :
SB-08-COMPMSD

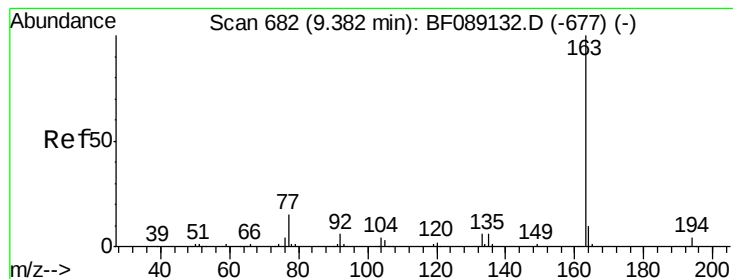
Tgt Ion: 65 Resp: 78661
Ion Ratio Lower Upper
65 100
92 78.4 53.2 79.8
138 123.4 69.4 104.2#



#48
Acenaphthylene
Concen: 38.94 ng
RT: 9.47 min Scan# 690
Delta R.T. -0.02 min
Lab File: BF089261.D
Acq: 24 Jul 2016 5:35

Tgt Ion: 152 Resp: 377727
Ion Ratio Lower Upper
152 100
151 20.3 16.5 24.7
153 13.2 10.7 16.1





#49

Dimethylphthalate

Concen: 57.16 ng

RT: 9.36 min Scan# 680

Delta R.T. -0.02 min

Lab File: BF089261.D

Acq: 24 Jul 2016 5:35

Instrument :

BNA_F

ClientSampleId :

SB-08-COMPMSD

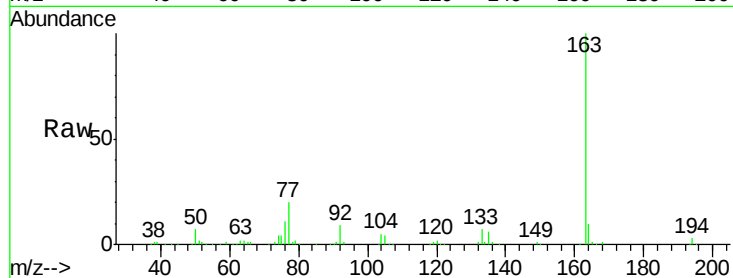
Tgt Ion:163 Resp: 395429

Ion Ratio Lower Upper

163 100

194 3.5 2.9 4.3

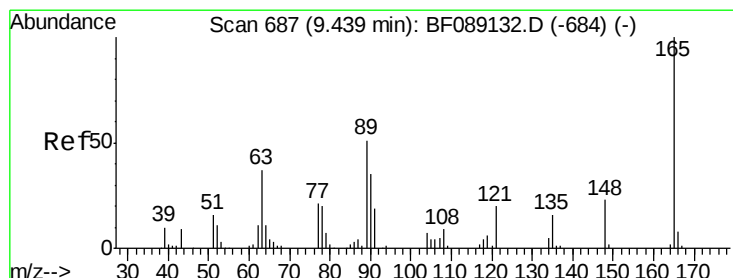
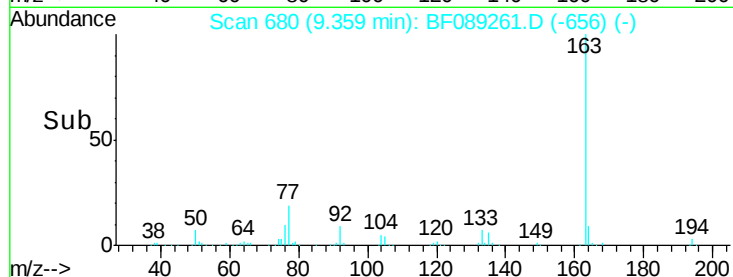
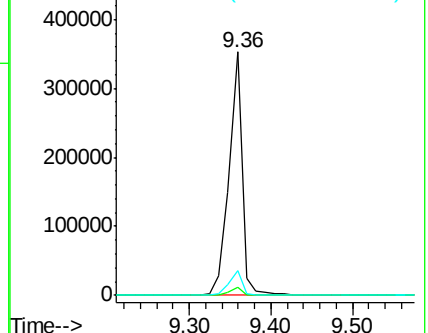
164 10.1 7.6 11.4



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: 41.13 ng

RT: 9.42 min Scan# 685

Delta R.T. -0.02 min

Lab File: BF089261.D

Acq: 24 Jul 2016 5:35

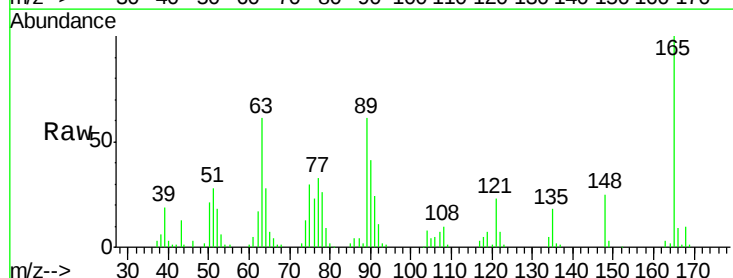
Tgt Ion:165 Resp: 64237

Ion Ratio Lower Upper

165 100

63 60.7 37.0 55.4#

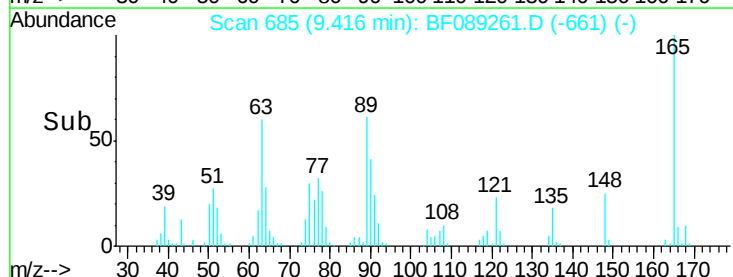
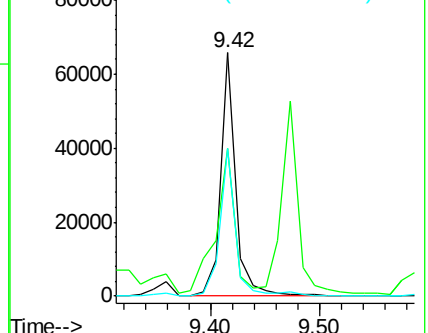
89 60.7 40.9 61.3

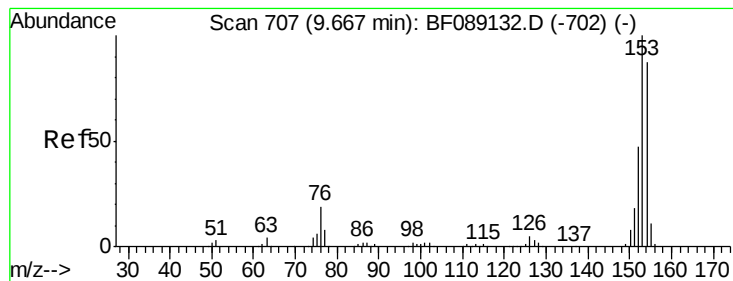


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 37.68 ng

RT: 9.64 min Scan# 705

Delta R.T. -0.02 min

Lab File: BF089261.D

Acq: 24 Jul 2016 5:35

Instrument :

BNA_F

ClientSampleId :

SB-08-COMPMSD

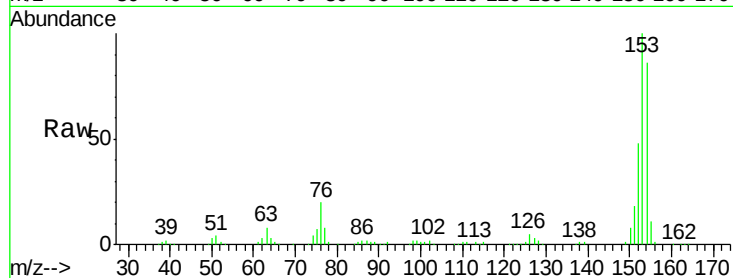
Tgt Ion:154 Resp: 216193

Ion Ratio Lower Upper

154 100

153 116.1 91.9 137.9

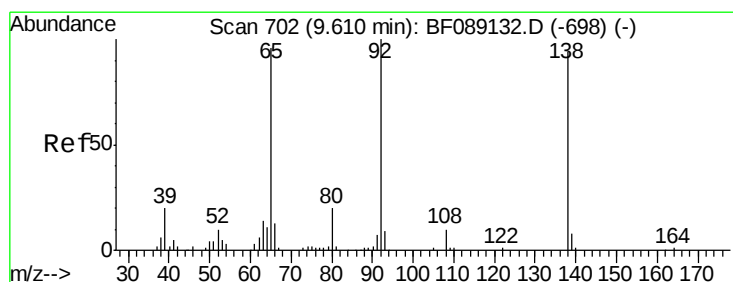
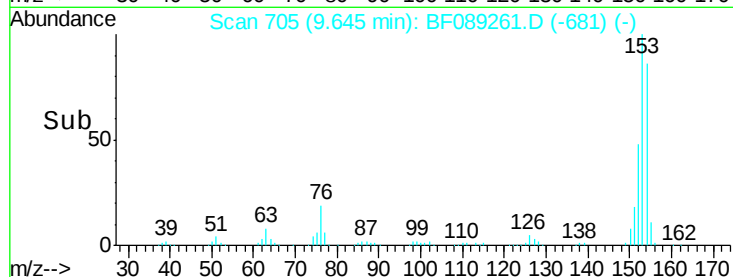
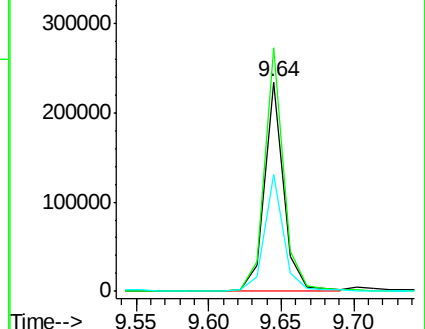
152 55.7 42.8 64.2



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: 26.83 ng

RT: 9.59 min Scan# 700

Delta R.T. -0.02 min

Lab File: BF089261.D

Acq: 24 Jul 2016 5:35

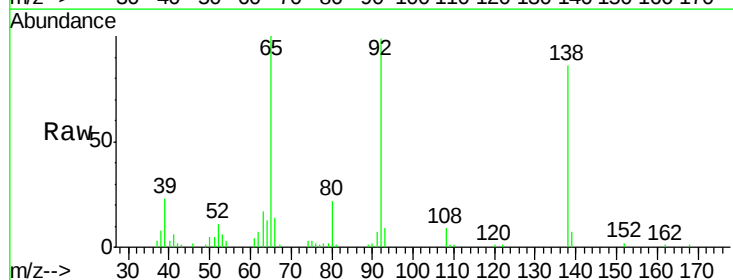
Tgt Ion:138 Resp: 49760

Ion Ratio Lower Upper

138 100

108 10.5 8.8 13.2

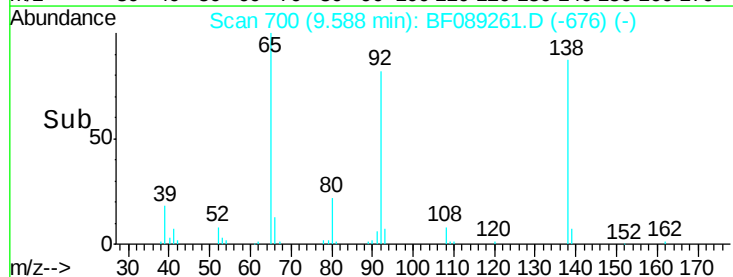
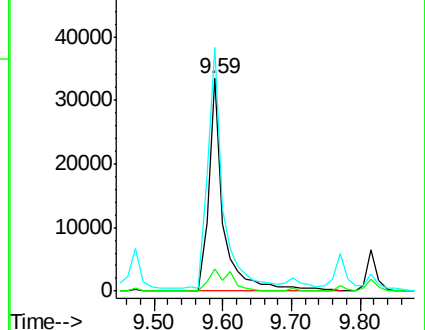
92 114.6 85.3 127.9

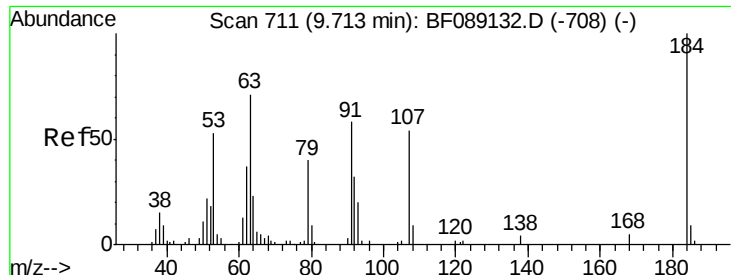


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

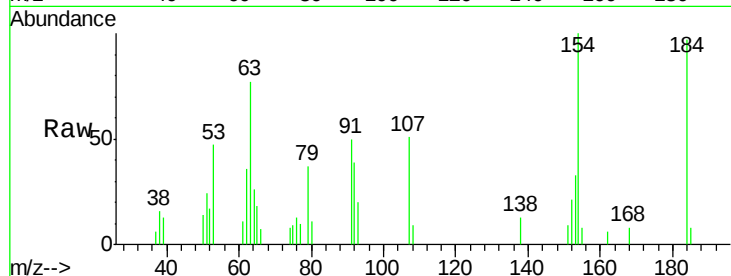




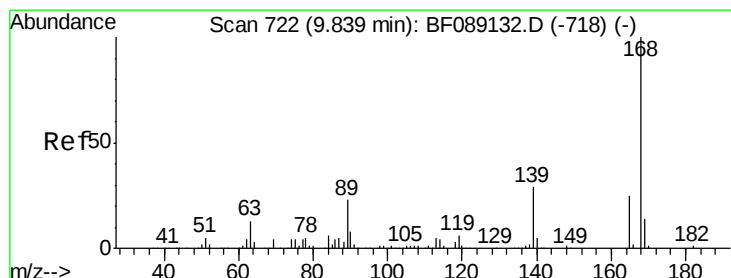
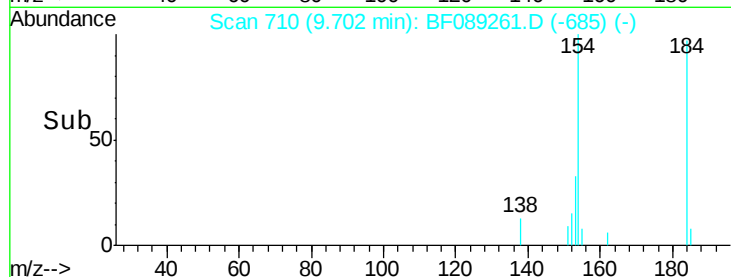
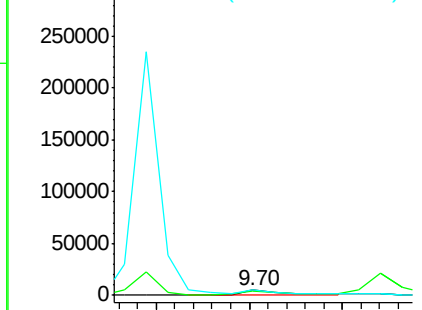
#53
 2,4-Dinitrophenol
 Concen: 18.09 ng
 RT: 9.70 min Scan# 710
 Delta R.T. -0.01 min
 Lab File: BF089261.D
 Acq: 24 Jul 2016 5:35

Instrument :
 BNA_F
 ClientSampleId :
 SB-08-COMPMSD

Tgt Ion:184 Resp: 8522
 Ion Ratio Lower Upper
 184 100
 63 79.1 60.3 90.5
 154 103.1 60.7 91.1#

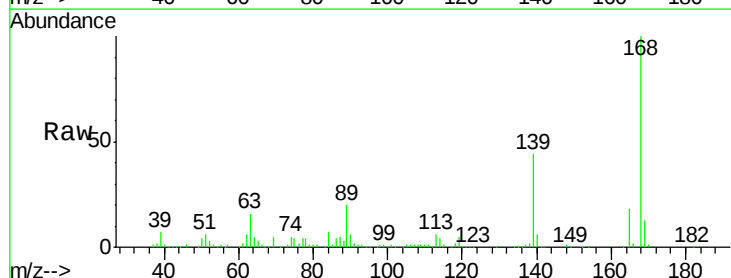


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

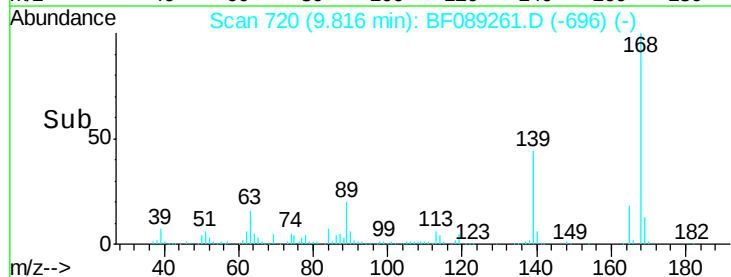
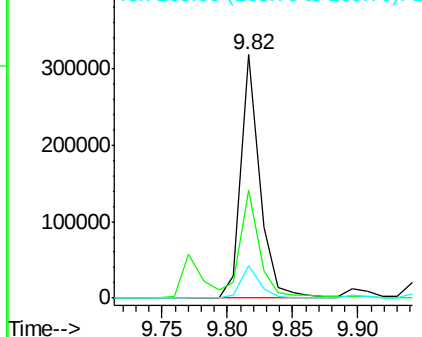


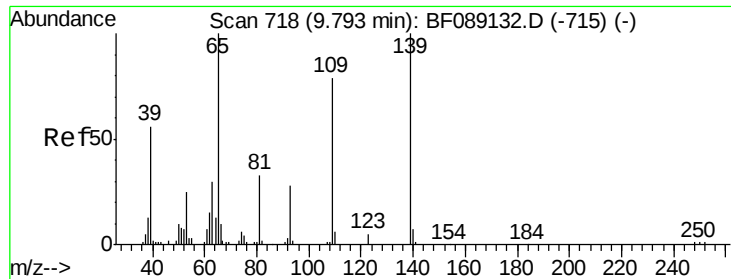
#54
 Dibenzofuran
 Concen: 41.74 ng
 RT: 9.82 min Scan# 720
 Delta R.T. -0.02 min
 Lab File: BF089261.D
 Acq: 24 Jul 2016 5:35

Tgt Ion:168 Resp: 323630
 Ion Ratio Lower Upper
 168 100
 139 44.2 34.4 51.6
 169 13.4 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

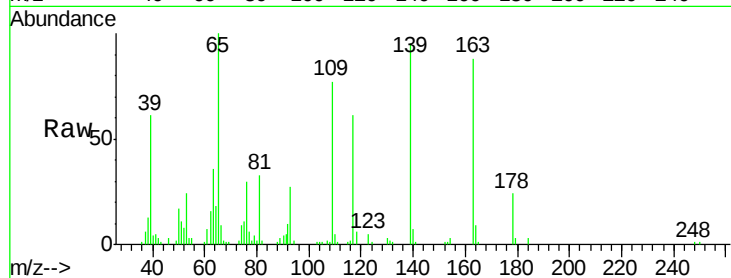




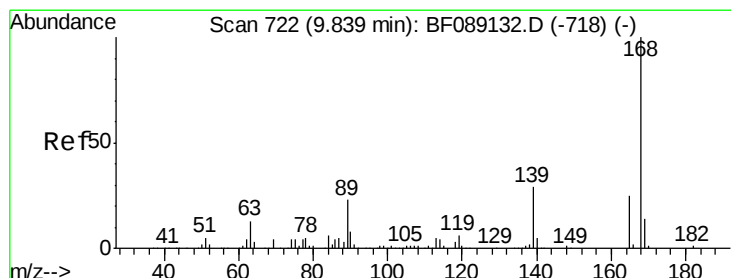
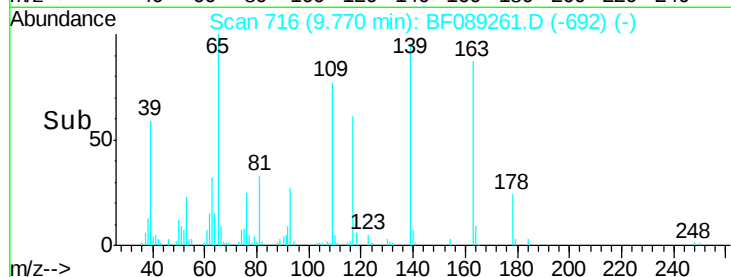
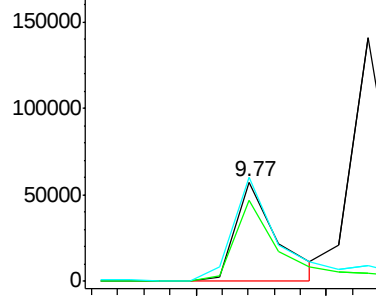
#55
4-Nitrophenol
Concen: 56.65 ng
RT: 9.77 min Scan# 716
Delta R.T. -0.02 min
Lab File: BF089261.D
Acq: 24 Jul 2016 5:35

Instrument :
BNA_F
ClientSampleId :
SB-08-COMPMSD

Tgt Ion:139 Resp: 63578
Ion Ratio Lower Upper
139 100
109 81.4 58.7 98.7
65 105.5 80.2 120.2

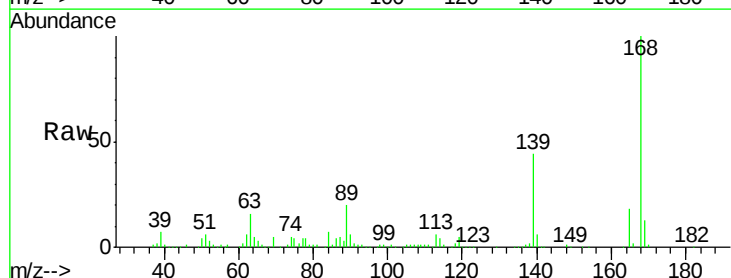


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

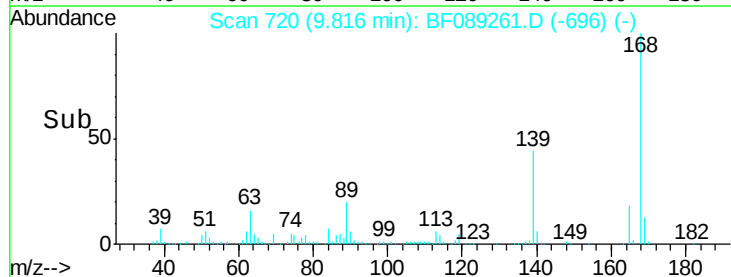
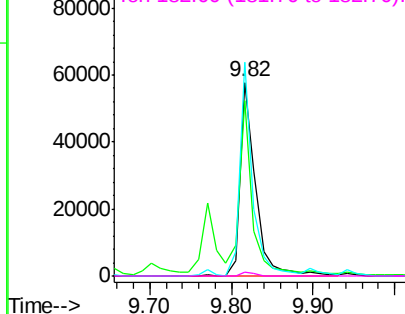


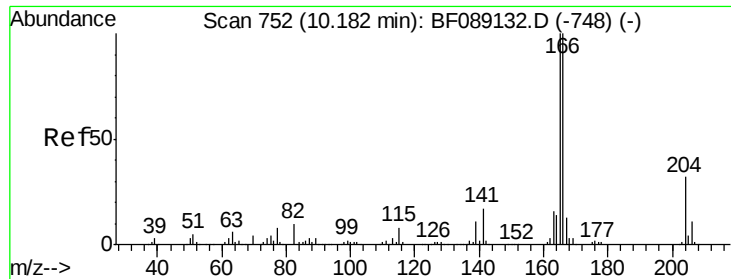
#56
2,4-Dinitrotoluene
Concen: 38.02 ng
RT: 9.82 min Scan# 720
Delta R.T. -0.02 min
Lab File: BF089261.D
Acq: 24 Jul 2016 5:35

Tgt Ion:165 Resp: 76481
Ion Ratio Lower Upper
165 100
63 90.9 55.4 83.2#
89 110.4 74.3 111.5
182 2.2 2.0 3.0



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0
Ion 182.00 (181.70 to 182.70): E

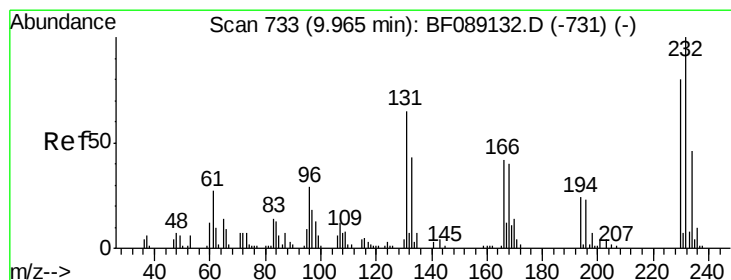
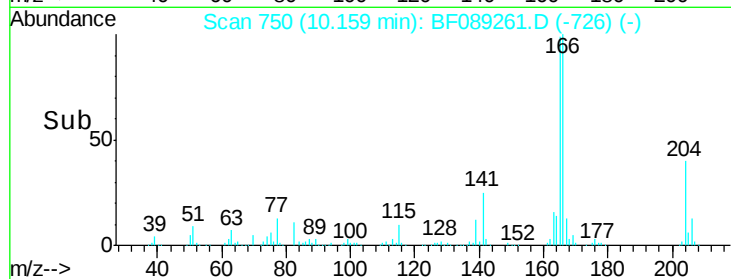
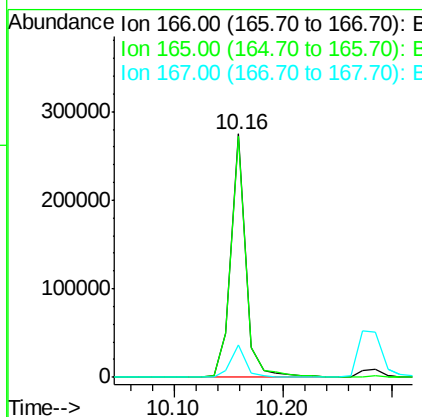
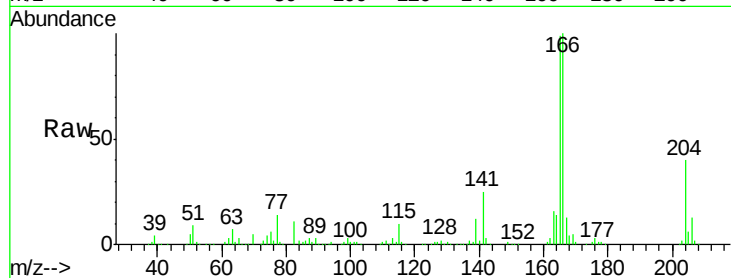




#57
Fluorene
 Concen: 39.72 ng
 RT: 10.16 min Scan# 750
 Delta R.T. -0.02 min
 Lab File: BF089261.D
 Acq: 24 Jul 2016 5:35

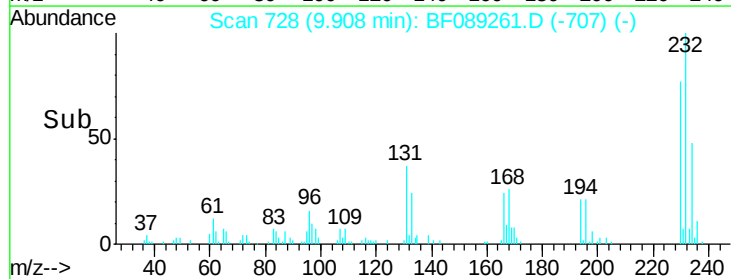
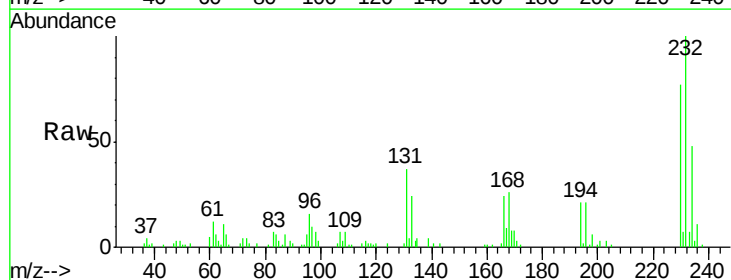
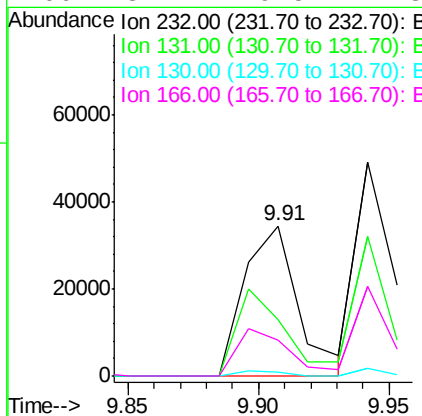
Instrument :
 BNA_F
 ClientSampleId :
 SB-08-COMPMSD

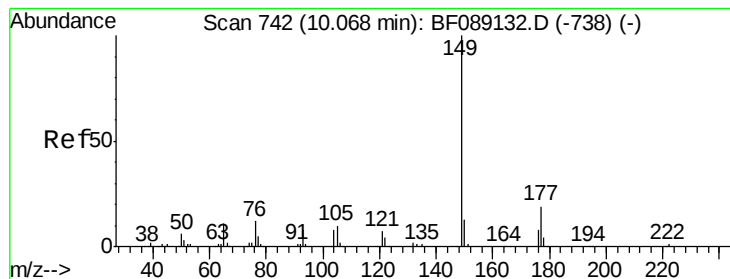
Tgt Ion:166 Resp: 261380
 Ion Ratio Lower Upper
 166 100
 165 99.1 79.9 119.9
 167 13.1 10.7 16.1



#58
2,3,4,6-Tetrachlorophenol
 Concen: 36.85 ng
 RT: 9.91 min Scan# 728
 Delta R.T. -0.06 min
 Lab File: BF089261.D
 Acq: 24 Jul 2016 5:35

Tgt Ion:232 Resp: 49822
 Ion Ratio Lower Upper
 232 100
 131 53.9 46.2 69.2
 130 2.8 2.3 3.5
 166 31.2 29.5 44.3





#59

Diethylphthalate

Concen: 42.80 ng

RT: 10.04 min Scan# 740

Delta R.T. -0.02 min

Lab File: BF089261.D

Acq: 24 Jul 2016 5:35

Instrument :

BNA_F

ClientSampleId :

SB-08-COMPMSD

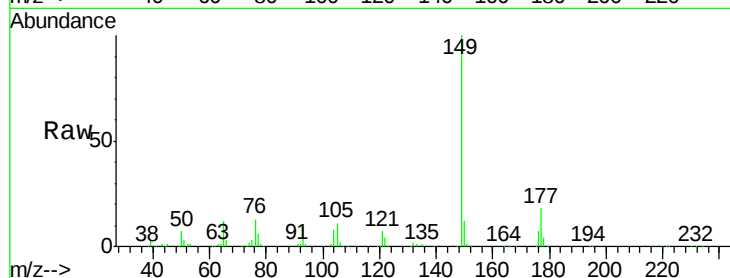
Tgt Ion:149 Resp: 293587

Ion Ratio Lower Upper

149 100

177 18.4 15.6 23.4

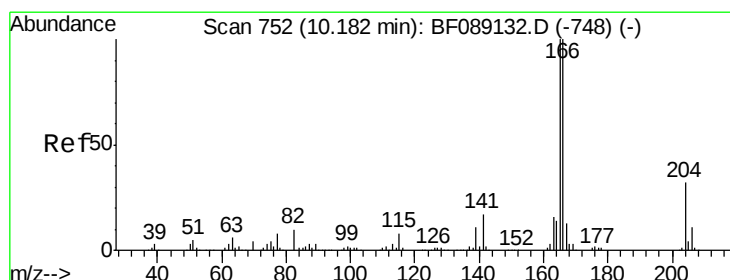
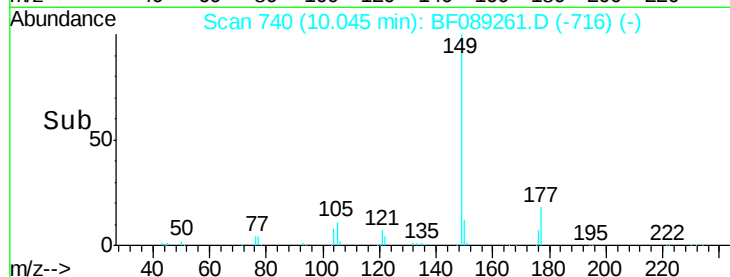
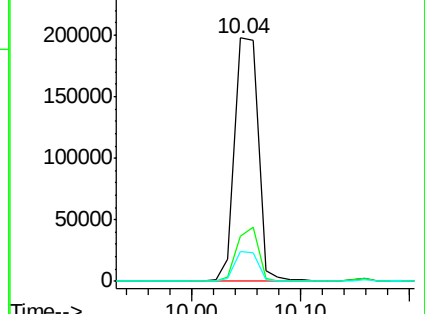
150 12.5 10.1 15.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 39.24 ng

RT: 10.16 min Scan# 750

Delta R.T. -0.02 min

Lab File: BF089261.D

Acq: 24 Jul 2016 5:35

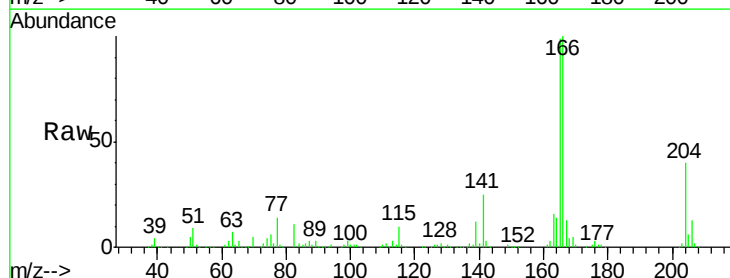
Tgt Ion:204 Resp: 117901

Ion Ratio Lower Upper

204 100

206 32.8 26.2 39.4

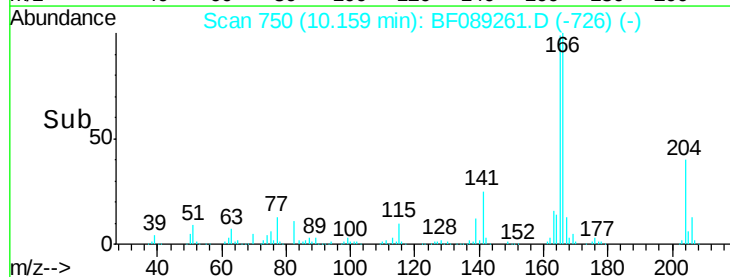
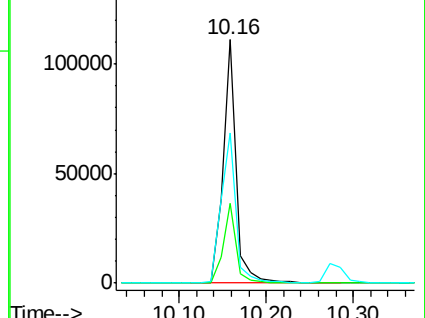
141 61.6 42.2 63.4

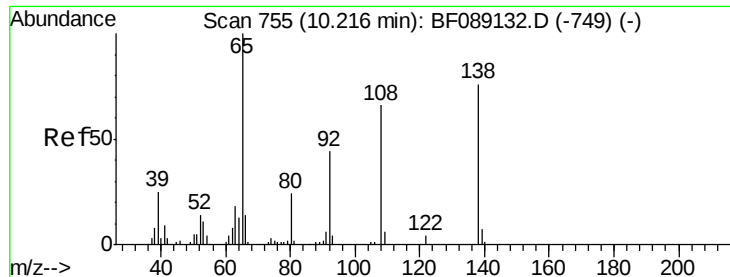


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

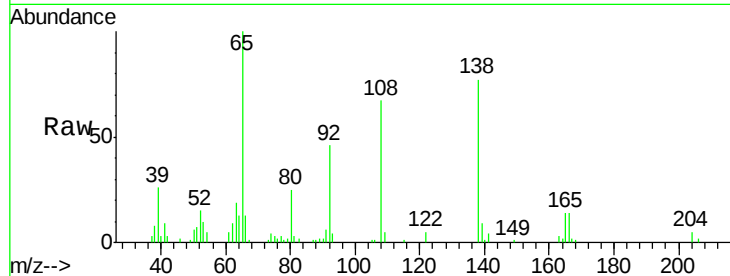




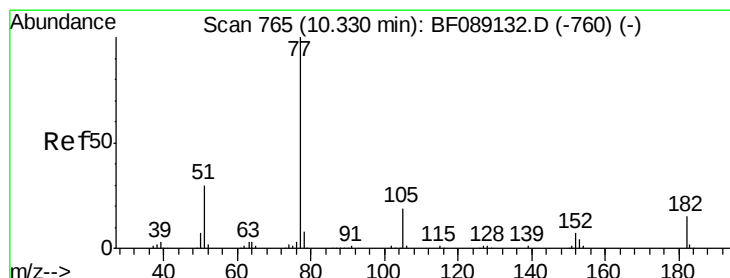
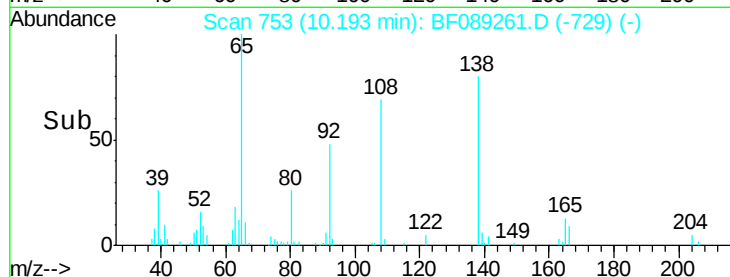
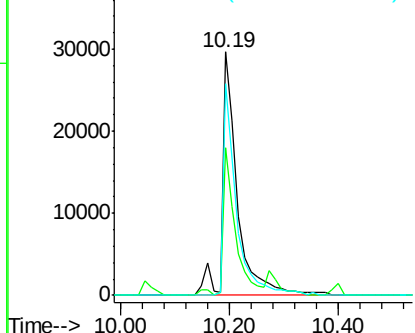
#61
4-Nitroaniline
Concen: 31.83 ng
RT: 10.19 min Scan# 753
Delta R.T. -0.02 min
Lab File: BF089261.D
Acq: 24 Jul 2016 5:35

Instrument :
BNA_F
ClientSampleId :
SB-08-COMPMSD

Tgt Ion:138 Resp: 57454
Ion Ratio Lower Upper
138 100
92 60.4 37.2 77.2
108 86.9 66.1 106.1

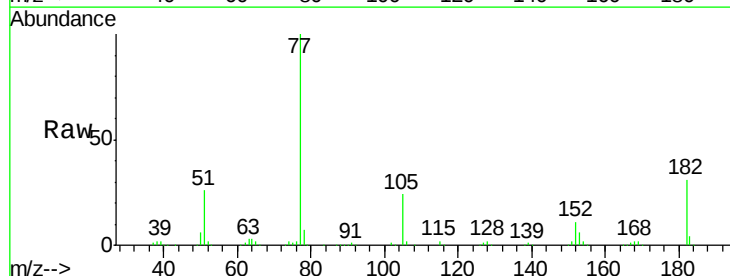


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

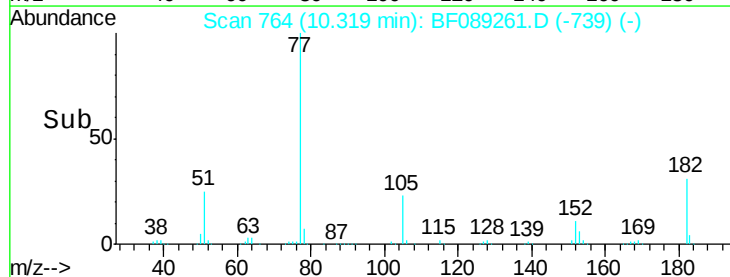
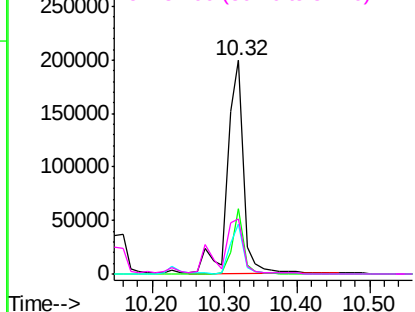


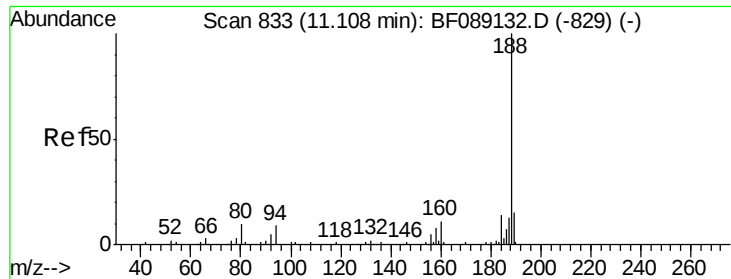
#62
Azobenzene
Concen: 40.70 ng
RT: 10.32 min Scan# 764
Delta R.T. -0.01 min
Lab File: BF089261.D
Acq: 24 Jul 2016 5:35

Tgt Ion: 77 Resp: 303452
Ion Ratio Lower Upper
77 100
182 30.5 0.0 35.0
105 23.6 0.0 39.4
51 25.6 10.7 50.7



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

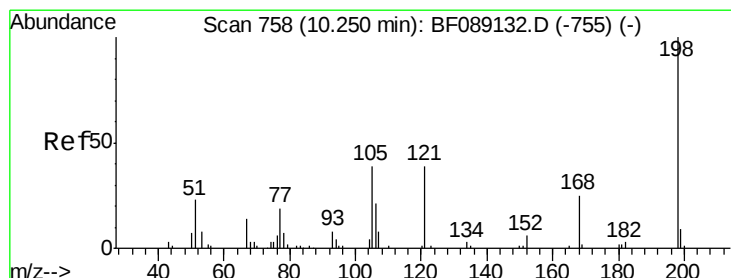
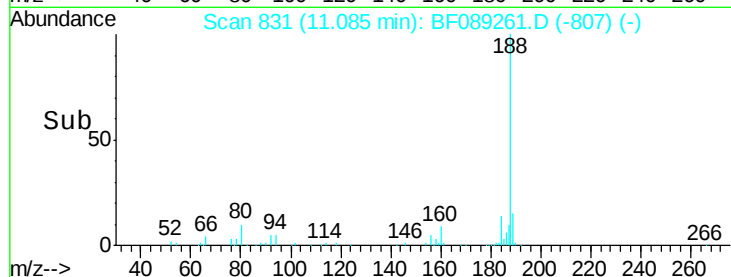
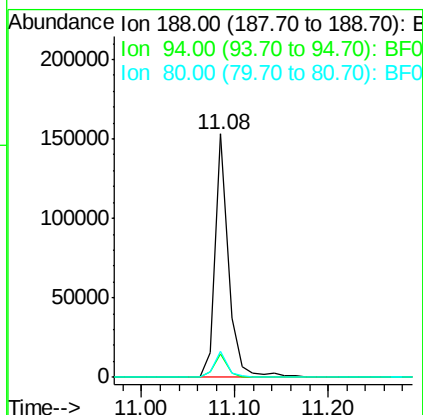
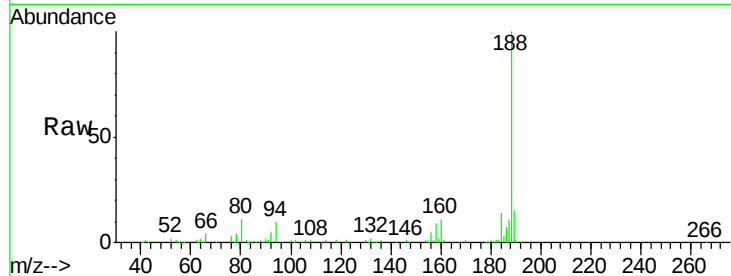




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.08 min Scan# 831
Delta R.T. -0.02 min
Lab File: BF089261.D
Acq: 24 Jul 2016 5:35

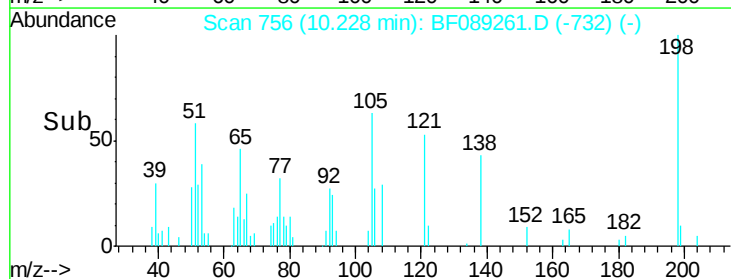
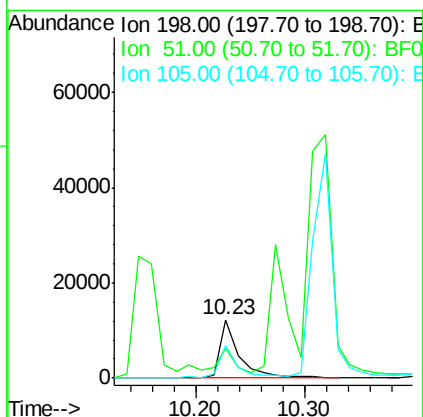
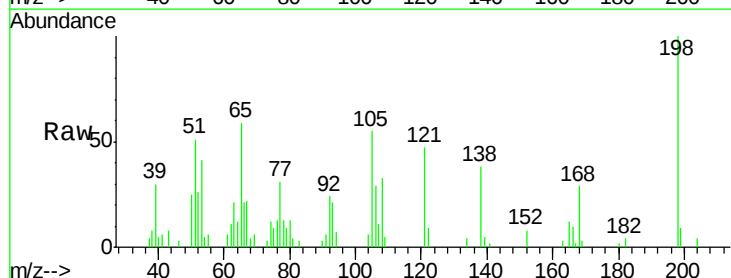
Instrument :
BNA_F
ClientSampleId :
SB-08-COMPMSD

Tgt Ion:188 Resp: 152999
Ion Ratio Lower Upper
188 100
94 9.5 7.0 10.4
80 10.8 7.7 11.5



#64
4,6-Dinitro-2-methylphenol
Concen: 17.30 ng
RT: 10.23 min Scan# 756
Delta R.T. -0.02 min
Lab File: BF089261.D
Acq: 24 Jul 2016 5:35

Tgt Ion:198 Resp: 15409
Ion Ratio Lower Upper
198 100
51 51.1 11.7 51.7
105 55.0 20.3 60.3





#65

n-Nitrosodiphenylamine

Concen: 43.89 ng

RT: 10.27 min Scan# 760

Delta R.T. -0.02 min

Lab File: BF089261.D

Acq: 24 Jul 2016 5:35

Instrument :

BNA_F

ClientSampleId :

SB-08-COMPMSD

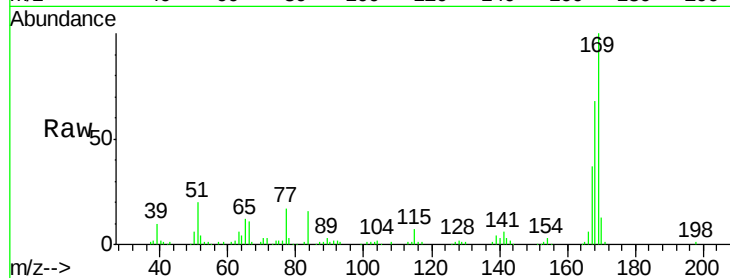
Tgt Ion:169 Resp: 224446

Ion Ratio Lower Upper

169 100

168 67.8 53.4 80.0

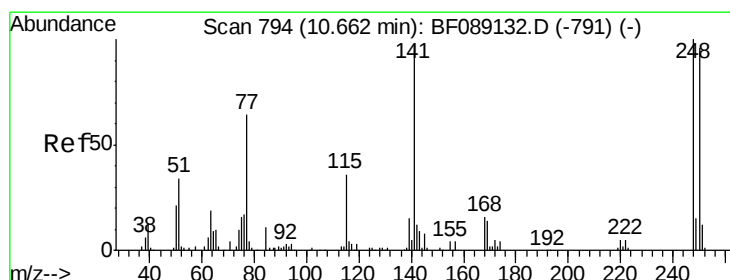
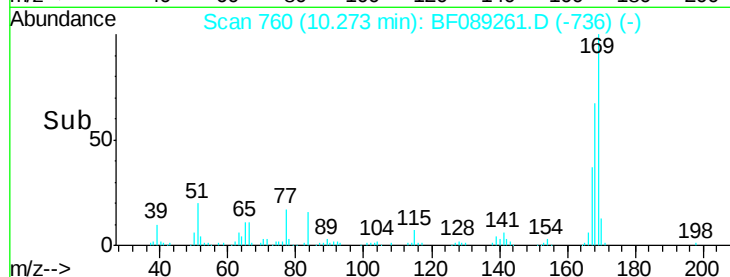
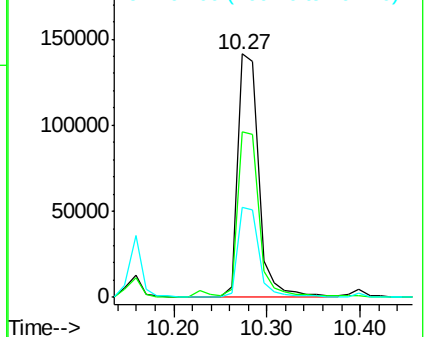
167 37.0 29.5 44.3



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 44.16 ng

RT: 10.64 min Scan# 792

Delta R.T. -0.02 min

Lab File: BF089261.D

Acq: 24 Jul 2016 5:35

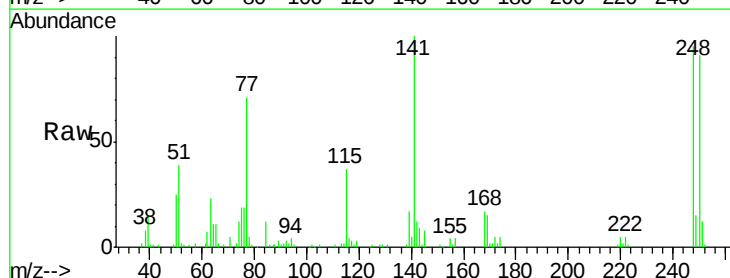
Tgt Ion:248 Resp: 66855

Ion Ratio Lower Upper

248 100

250 96.2 76.9 115.3

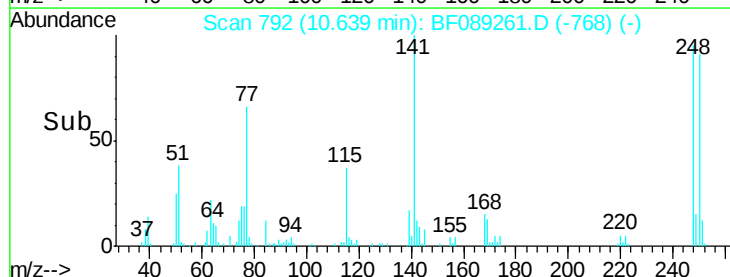
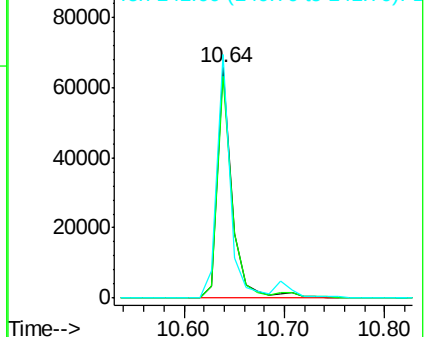
141 105.5 77.4 116.2

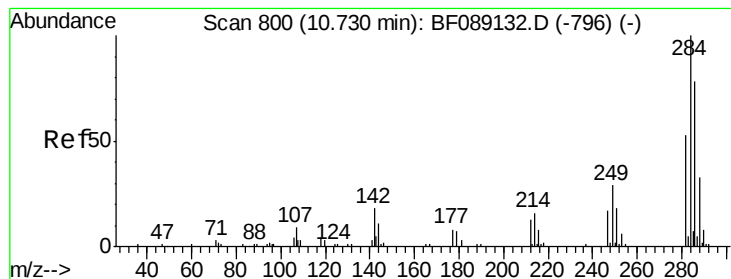


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 38.40 ng

RT: 10.71 min Scan# 798

Delta R.T. -0.02 min

Lab File: BF089261.D

Acq: 24 Jul 2016 5:35

Instrument :

BNA_F

ClientSampleId :

SB-08-COMPMSD

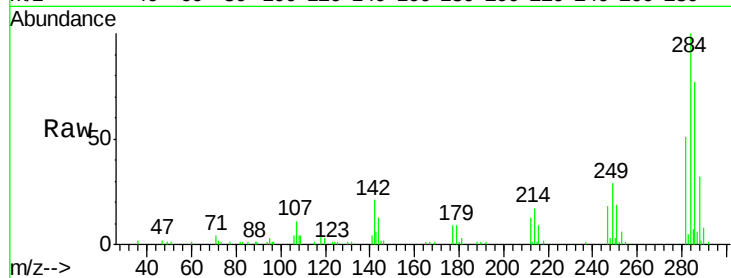
Tgt Ion:284 Resp: 62525

Ion Ratio Lower Upper

284 100

142 21.4 14.1 21.1#

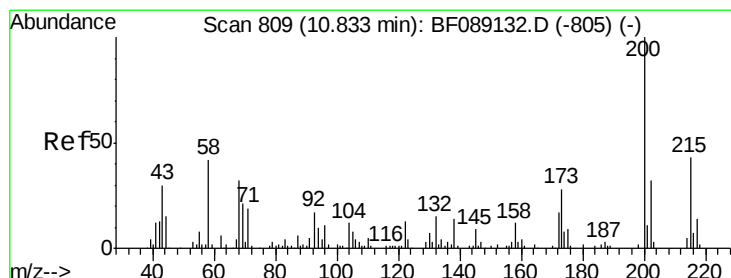
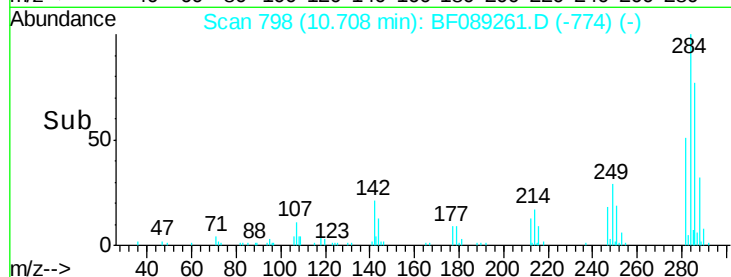
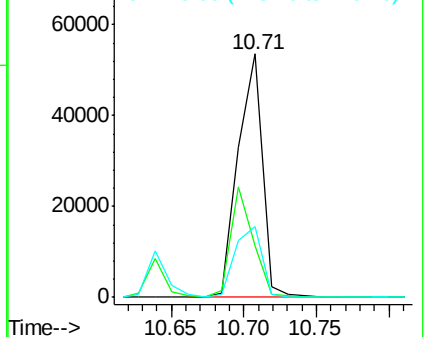
249 29.3 23.0 34.4



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 42.67 ng

RT: 10.81 min Scan# 807

Delta R.T. -0.02 min

Lab File: BF089261.D

Acq: 24 Jul 2016 5:35

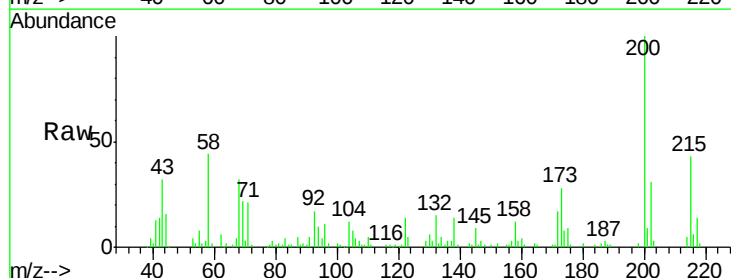
Tgt Ion:200 Resp: 68230

Ion Ratio Lower Upper

200 100

173 28.2 7.8 47.8

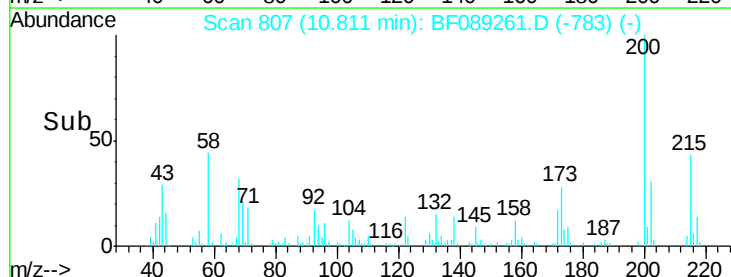
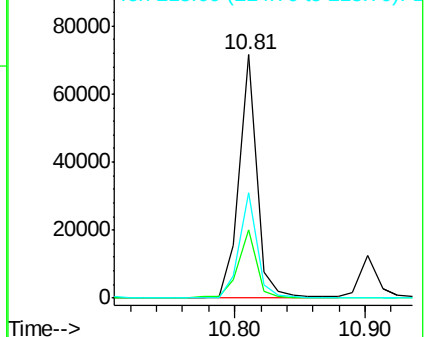
215 43.4 22.9 62.9

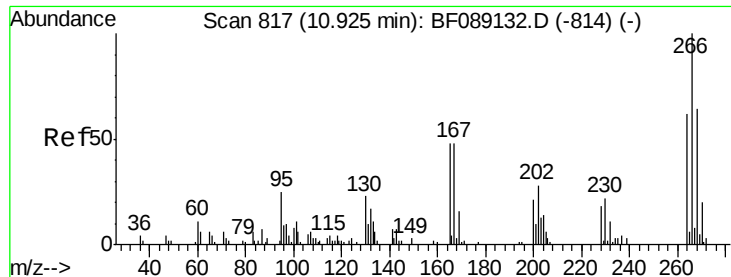


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

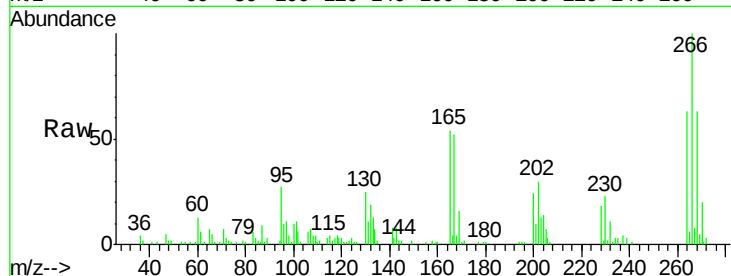




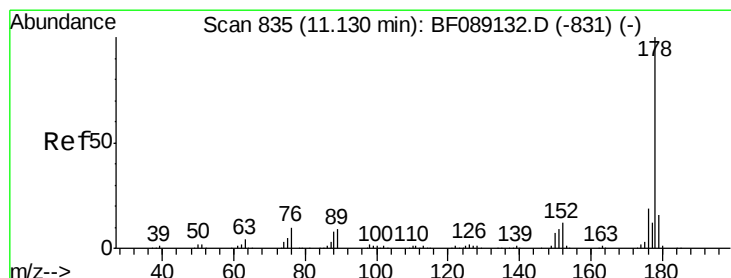
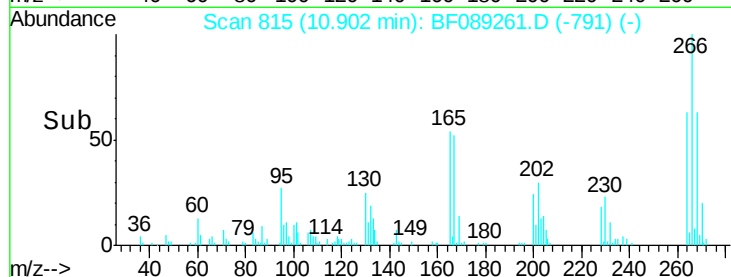
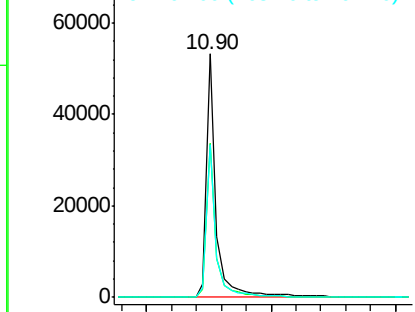
#69
 Pentachlorophenol
 Concen: 77.27 ng
 RT: 10.90 min Scan# 815
 Delta R.T. -0.02 min
 Lab File: BF089261.D
 Acq: 24 Jul 2016 5:35

Instrument :
 BNA_F
 ClientSampleId :
 SB-08-COMPMSD

Tgt Ion:266 Resp: 58052
 Ion Ratio Lower Upper
 266 100
 268 63.2 51.2 76.8
 264 62.9 49.7 74.5

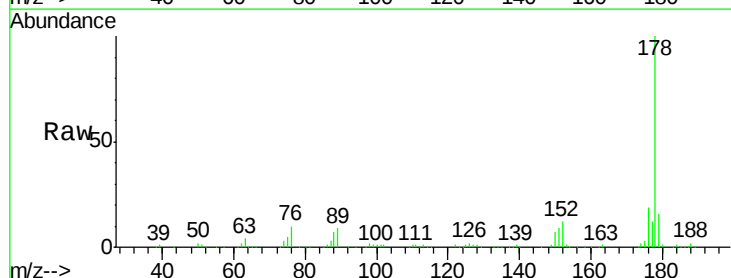


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

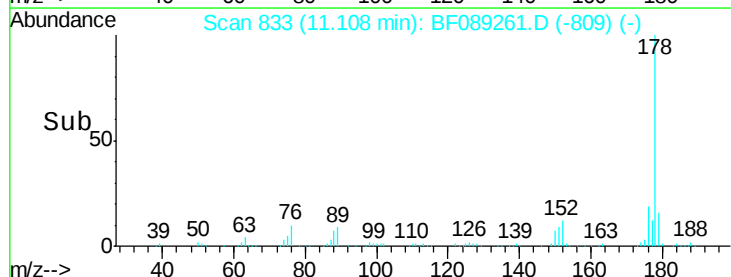
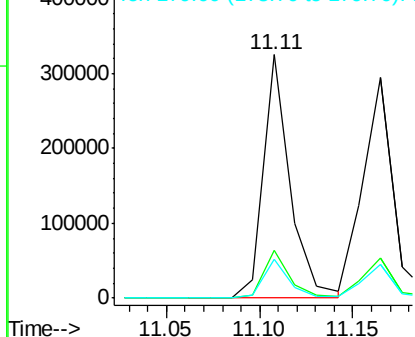


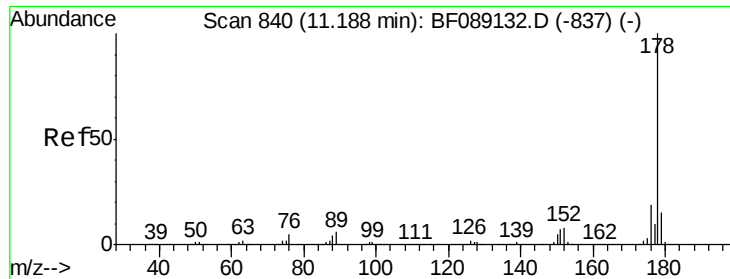
#70
 Phenanthrene
 Concen: 38.86 ng
 RT: 11.11 min Scan# 833
 Delta R.T. -0.02 min
 Lab File: BF089261.D
 Acq: 24 Jul 2016 5:35

Tgt Ion:178 Resp: 326148
 Ion Ratio Lower Upper
 178 100
 176 19.4 15.6 23.4
 179 15.7 12.4 18.6



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

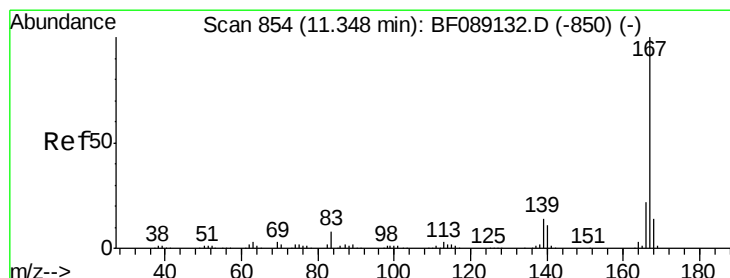
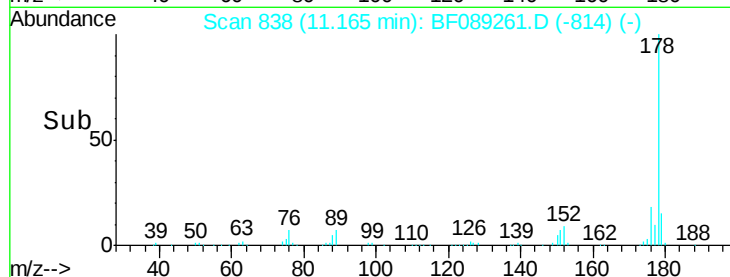
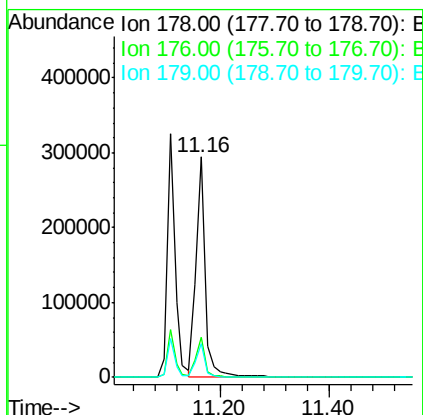
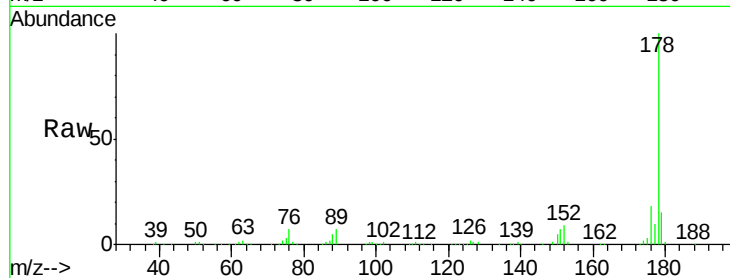




#71
 Anthracene
 Concen: 39.58 ng
 RT: 11.16 min Scan# 838
 Delta R.T. -0.02 min
 Lab File: BF089261.D
 Acq: 24 Jul 2016 5:35

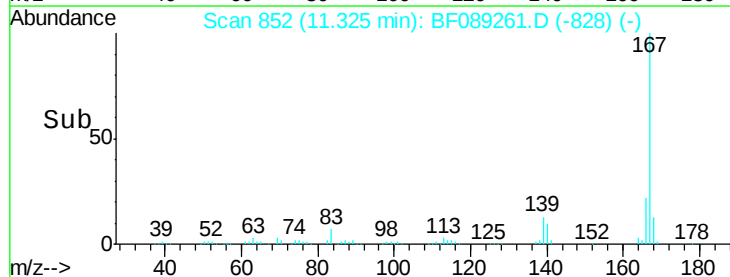
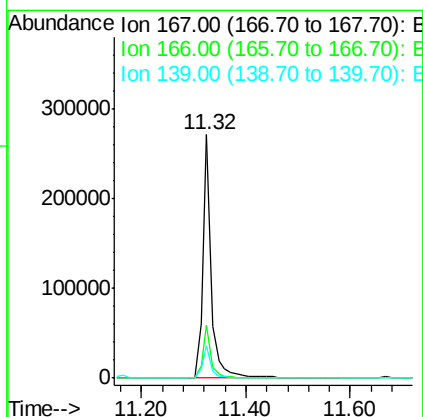
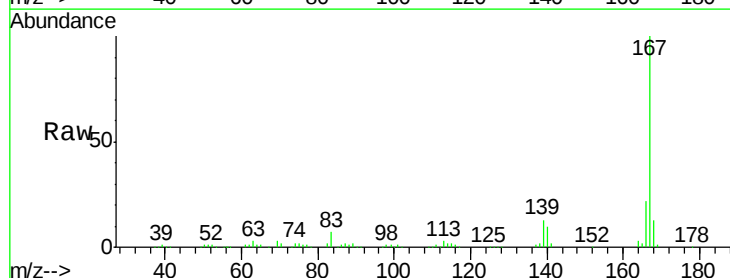
Instrument :
 BNA_F
 ClientSampleId :
 SB-08-COMPMSD

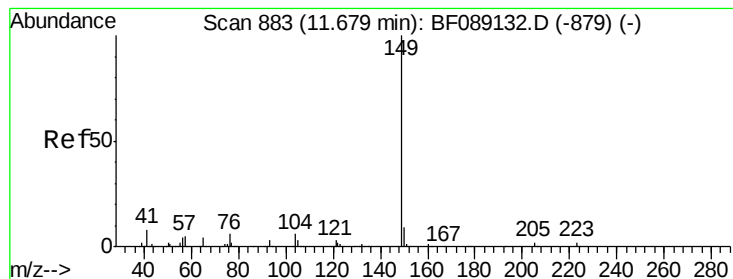
Tgt Ion:178 Resp: 345326
 Ion Ratio Lower Upper
 178 100
 176 18.2 14.9 22.3
 179 15.0 12.0 18.0



#72
 Carbazole
 Concen: 39.95 ng
 RT: 11.32 min Scan# 852
 Delta R.T. -0.02 min
 Lab File: BF089261.D
 Acq: 24 Jul 2016 5:35

Tgt Ion:167 Resp: 306151
 Ion Ratio Lower Upper
 167 100
 166 22.0 17.7 26.5
 139 13.2 11.0 16.4





#73

Di-n-butylphthalate

Concen: 44.17 ng

RT: 11.67 min Scan# 882

Delta R.T. -0.01 min

Lab File: BF089261.D

Acq: 24 Jul 2016 5:35

Instrument :

BNA_F

ClientSampleId :

SB-08-COMPMSD

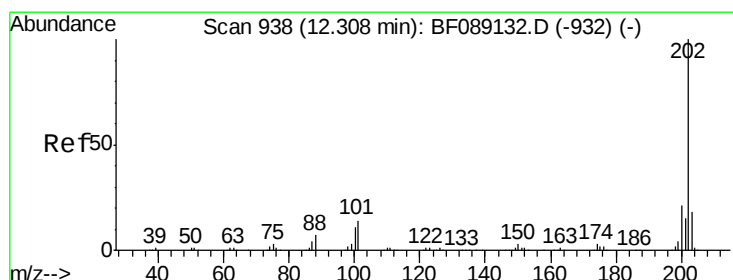
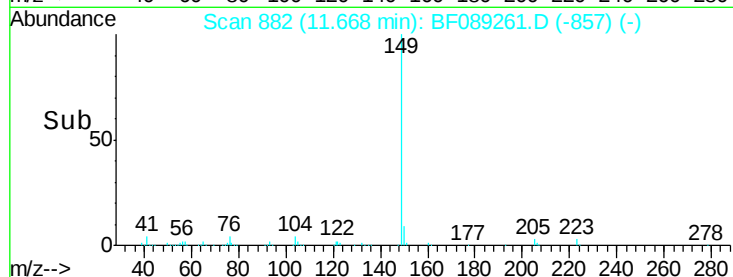
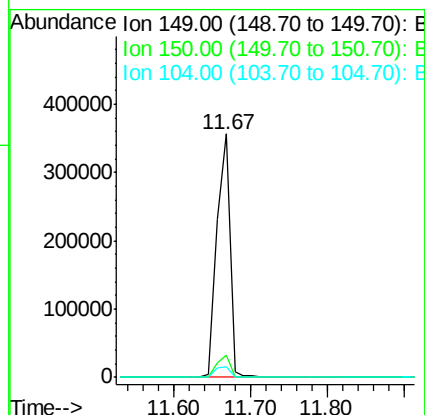
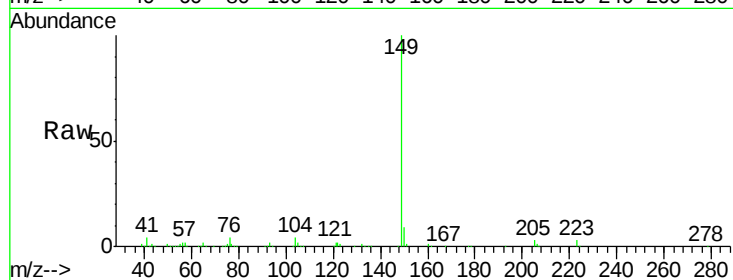
Tgt Ion:149 Resp: 418667

Ion Ratio Lower Upper

149 100

150 8.9 7.4 11.2

104 4.3 4.6 6.8#



#74

Fluoranthene

Concen: 33.33 ng

RT: 12.28 min Scan# 936

Delta R.T. -0.02 min

Lab File: BF089261.D

Acq: 24 Jul 2016 5:35

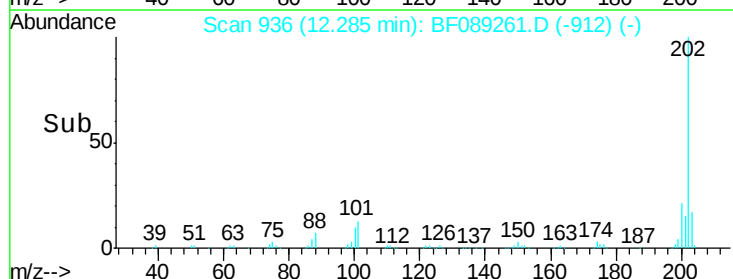
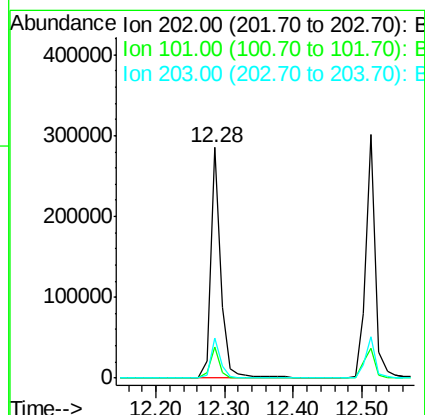
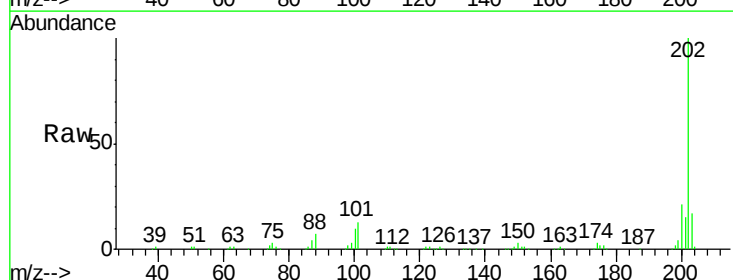
Tgt Ion:202 Resp: 293997

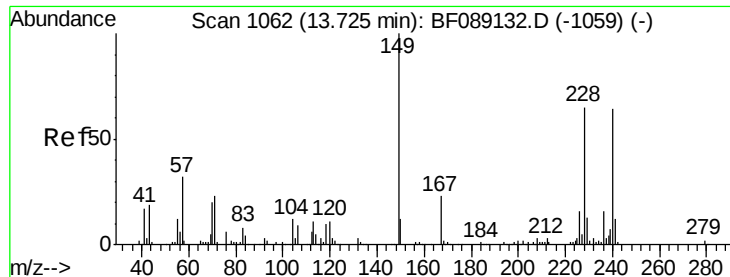
Ion Ratio Lower Upper

202 100

101 13.4 0.0 34.0

203 17.4 0.0 37.8





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.70 min Scan# 1060

Delta R.T. -0.02 min

Lab File: BF089261.D

Acq: 24 Jul 2016 5:35

Instrument :

BNA_F

ClientSampleId :

SB-08-COMPMSD

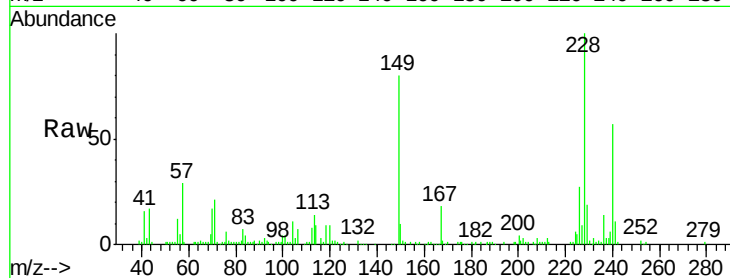
Tgt Ion:240 Resp: 88899

Ion Ratio Lower Upper

240 100

120 16.5 13.6 20.4

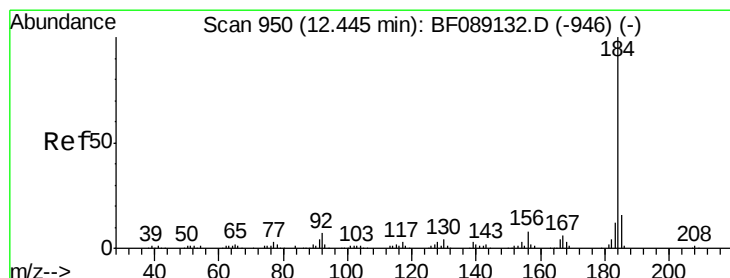
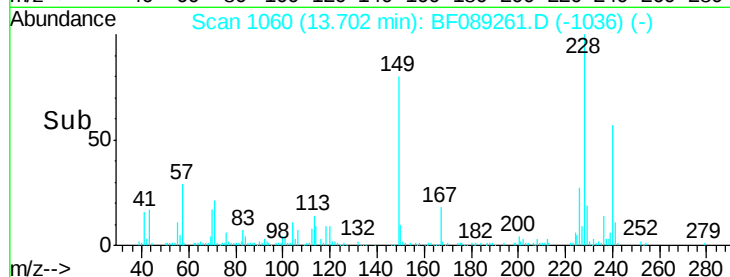
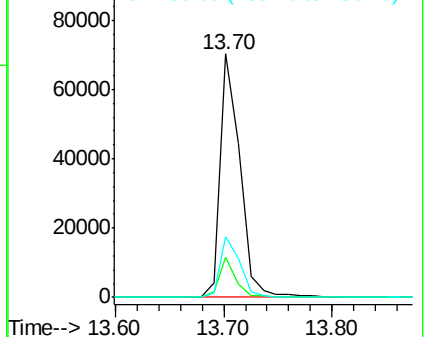
236 25.1 20.5 30.7



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: 37.37 ng

RT: 12.42 min Scan# 948

Delta R.T. -0.02 min

Lab File: BF089261.D

Acq: 24 Jul 2016 5:35

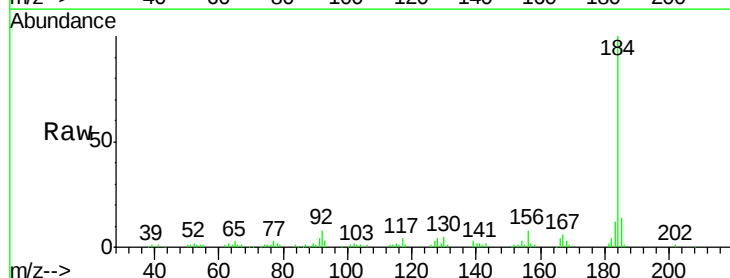
Tgt Ion:184 Resp: 114229

Ion Ratio Lower Upper

184 100

185 14.4 12.5 18.7

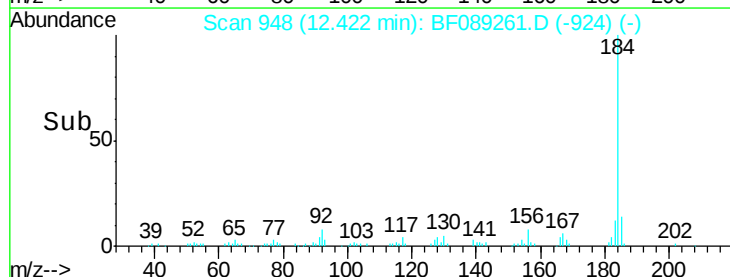
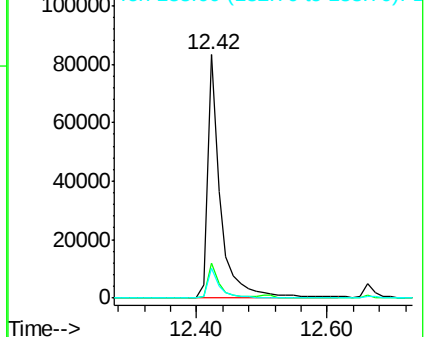
183 12.1 9.6 14.4

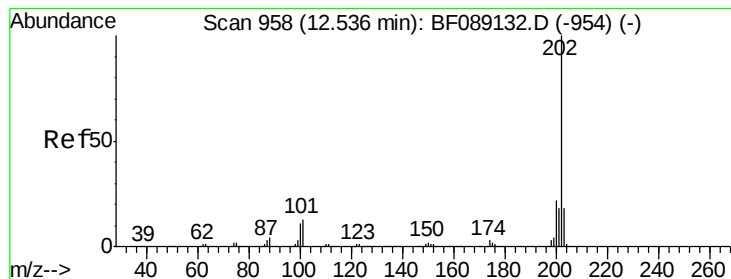


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 40.40 ng

RT: 12.51 min Scan# 956

Delta R.T. -0.02 min

Lab File: BF089261.D

Acq: 24 Jul 2016 5:35

Instrument :

BNA_F

ClientSampleId :

SB-08-COMPMSD

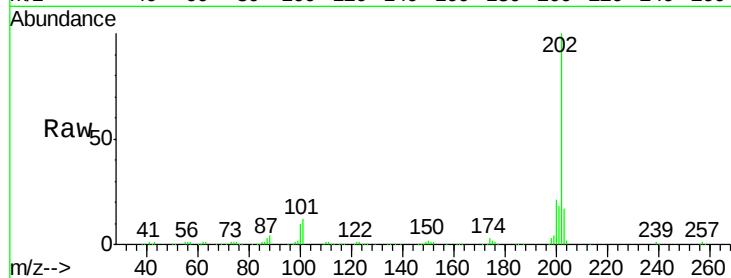
Tgt Ion:202 Resp: 296609

Ion Ratio Lower Upper

202 100

200 20.7 17.4 26.0

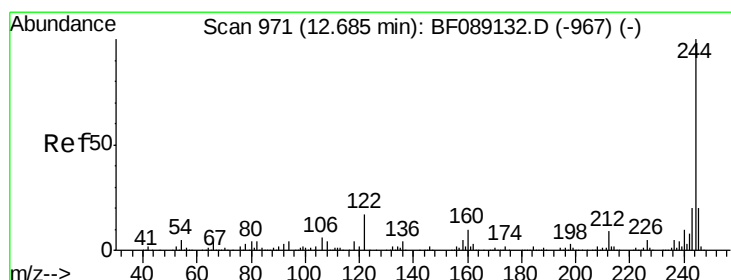
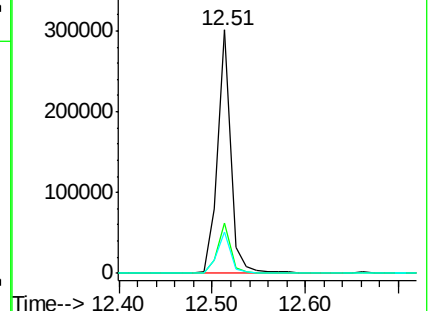
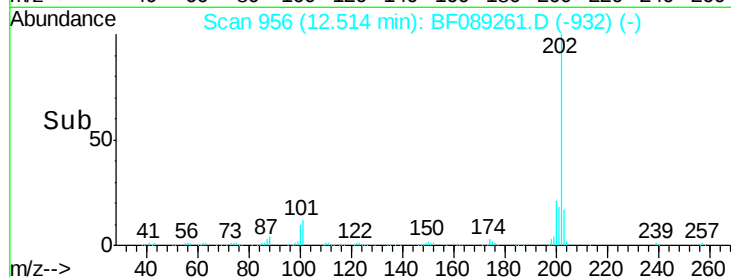
203 17.2 14.2 21.2



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: 77.30 ng

RT: 12.66 min Scan# 969

Delta R.T. -0.02 min

Lab File: BF089261.D

Acq: 24 Jul 2016 5:35

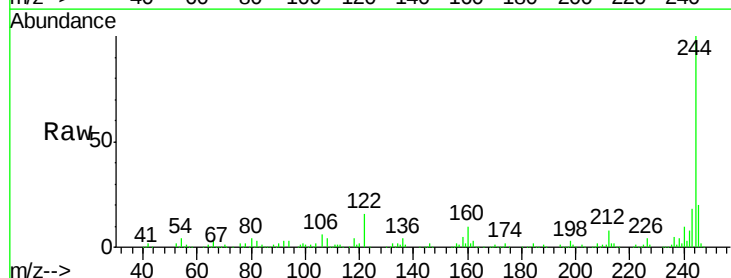
Tgt Ion:244 Resp: 316843

Ion Ratio Lower Upper

244 100

212 8.2 7.0 10.4

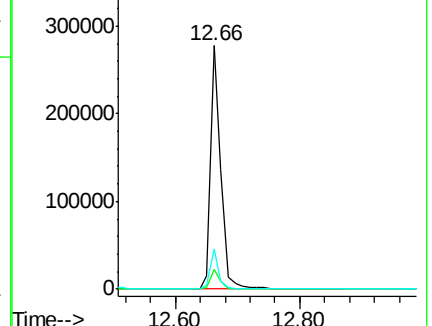
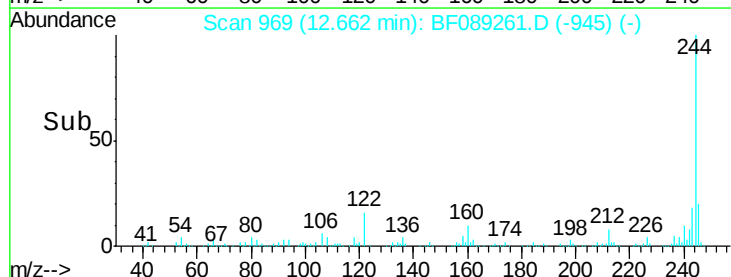
122 16.4 13.8 20.8

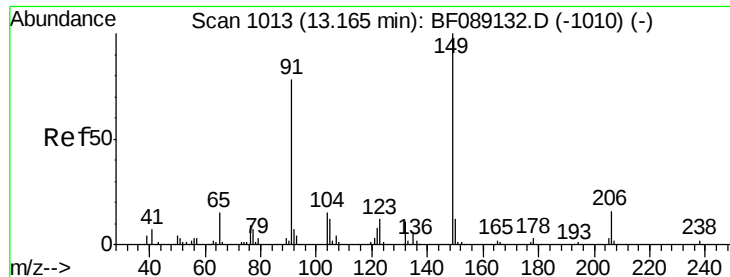


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 42.70 ng

RT: 13.14 min Scan# 1011

Delta R.T. -0.02 min

Lab File: BF089261.D

Acq: 24 Jul 2016 5:35

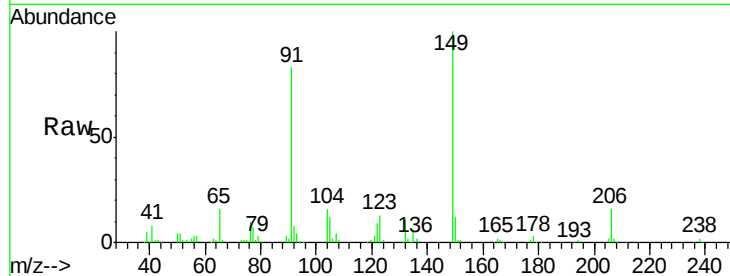
Instrument :

BNA_F

ClientSampleId :

SB-08-COMPMSD

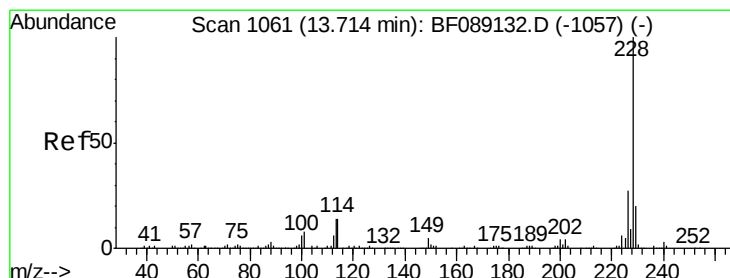
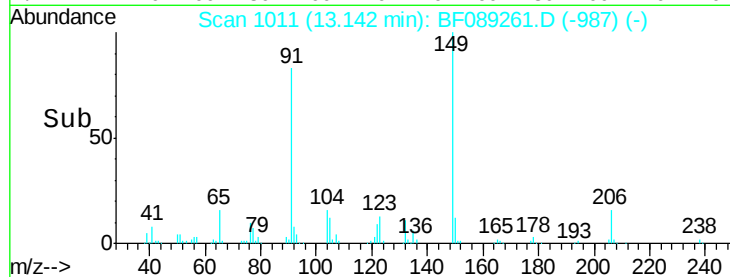
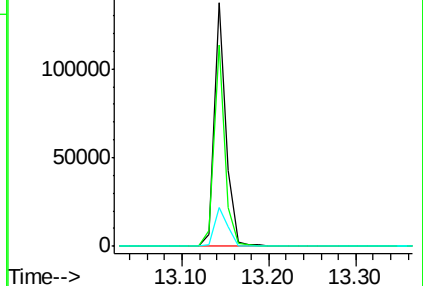
Tgt Ion:	149	Resp:	132615
Ion Ratio	Lower	Upper	
149	100		
91	82.6	62.6	93.8
206	15.7	13.2	19.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 38.17 ng

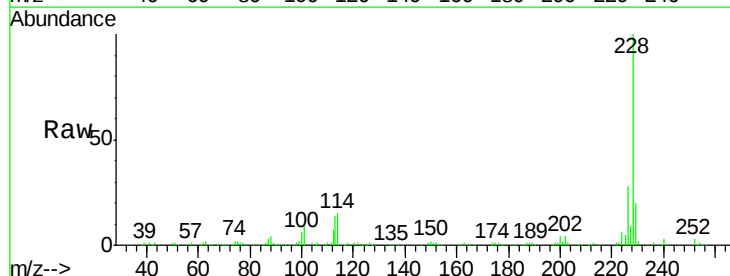
RT: 13.69 min Scan# 1059

Delta R.T. -0.02 min

Lab File: BF089261.D

Acq: 24 Jul 2016 5:35

Tgt Ion:	228	Resp:	216110
Ion Ratio	Lower	Upper	
228	100		
226	27.6	21.8	32.8
229	19.9	15.8	23.8



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

