

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090816\
 Data File : BF090031.D
 Acq On : 8 Sep 2016 18:23
 Operator : UM/SJ
 Sample : H4704-03MS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-3-7.0-8.0MS

Quant Time: Sep 09 04:36:34 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF083116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 08 16:07:52 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.60	152	196996	20.00	ng	0.00
21) Naphthalene-d8	7.88	136	781571	20.00	ng	-0.01
38) Acenaphthene-d10	9.63	164	396345	20.00	ng	0.00
63) Phenanthrene-d10	11.11	188	731305	20.00	ng	0.00
75) Chrysene-d12	13.73	240	446978	20.00	ng	0.00
86) Perylene-d12	15.06	264	457461	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.18	112	1353785	110.00	ng	0.01
7) Phenol-d6	6.25	99	1688464	112.91	ng	0.00
23) Nitrobenzene-d5	7.18	82	1050210	77.93	ng	0.00
41) 2,4,6-Tribromophenol	10.42	330	423670	108.35	ng	0.00
44) 2-Fluorobiphenyl	8.97	172	1826841	75.66	ng	0.00
78) Terphenyl-d14	12.69	244	1472513	81.38	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.09	88	155037	26.59	ng	# 95
3) Pyridine	2.72	79	335623	21.57	ng	97
4) n-Nitrosodimethylamine	2.67	42	245587	32.01	ng	92
6) Aniline	6.26	93	569359	27.90	ng	91
8) 2-Chlorophenol	6.39	128	485157	36.34	ng	99
9) Benzaldehyde	6.14	77	63726	6.61	ng	95
10) Phenol	6.27	94	571506	32.86	ng	# 72
11) bis(2-Chloroethyl)ether	6.34	93	479245	36.42	ng	98
12) 1,3-Dichlorobenzene	6.78	146	448672	30.09	ng	100
13) 1,4-Dichlorobenzene	6.62	146	546145	35.79	ng	98
14) 1,2-Dichlorobenzene	6.78	146	483116	35.32	ng	95
15) Benzyl Alcohol	6.75	79	355155	37.91	ng	98
16) 2,2'-oxybis(1-Chloropropan	6.90	45	845316	33.69	ng	91
17) 2-Methylphenol	6.88	107	403500	37.84	ng	100
18) Hexachloroethane	7.11	117	172996	33.10	ng	# 88
19) n-Nitroso-di-n-propylamine	7.03	70	324850	33.33	ng	88
20) 3+4-Methylphenols	7.04	107	492416	38.10	ng	# 71
22) Acetophenone	7.02	105	602094	34.34	ng	# 92
24) Nitrobenzene	7.19	77	467154	32.61	ng	95
25) Isophorone	7.44	82	941273	34.35	ng	96
26) 2-Nitrophenol	7.51	139	276519	40.38	ng	95
27) 2,4-Dimethylphenol	7.56	122	458154	36.16	ng	97
28) bis(2-Chloroethoxy)methane	7.66	93	626315	37.89	ng	99
29) 2,4-Dichlorophenol	7.76	162	429981	37.86	ng	89
30) 1,2,4-Trichlorobenzene	7.84	180	460598	37.09	ng	99
31) Naphthalene	7.91	128	1330739	34.18	ng	99
32) Benzoic acid	7.66	122	71339	8.36	ng	86
33) 4-Chloroaniline	7.96	127	495019	31.51	ng	99
34) Hexachlorobutadiene	8.03	225	253491	34.84	ng	99
35) Caprolactam	8.39	113	40757	11.37	ng	94
36) 4-Chloro-3-methylphenol	8.46	107	423316	35.19	ng	# 81
37) 2-Methylnaphthalene	8.60	142	988884	38.43	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.76	216	377407	32.50	ng	99
40) Hexachlorocyclopentadiene	8.75	237	279145	46.89	ng	95

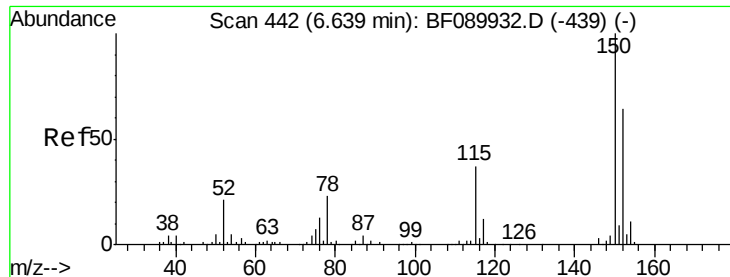
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.88	196	285257	35.45	ng	99
43) 2,4,5-Trichlorophenol	8.92	196	325194	42.03	ng	97
45) 1,1'-Biphenyl	9.06	154	1012607	31.73	ng	100
46) 2-Chloronaphthalene	9.08	162	869095	38.50	ng	99
47) 2-Nitroaniline	9.19	65	302071	40.93	ng	# 86
48) Acenaphthylene	9.50	152	1375115	36.84	ng	100
49) Dimethylphthalate	9.38	163	1590576	55.52	ng	99
50) 2,6-Dinitrotoluene	9.44	165	244934	38.44	ng	# 63
51) Acenaphthene	9.67	154	889958	37.63	ng	99
52) 3-Nitroaniline	9.60	138	240885	33.15	ng	88
53) 2,4-Dinitrophenol	9.70	184	105497	35.39	ng	# 79
54) Dibenzofuran	9.84	168	1240485	39.14	ng	100
55) 4-Nitrophenol	9.77	139	348130	63.51	ng	# 64
56) 2,4-Dinitrotoluene	9.83	165	280550	34.72	ng	# 77
57) Fluorene	10.18	166	958860	41.41	ng	99
58) 2,3,4,6-Tetrachlorophenol	9.96	232	279533	42.20	ng	93
59) Diethylphthalate	10.07	149	1001083	37.15	ng	99
60) 4-Chlorophenyl-phenylether	10.18	204	448158	41.12	ng	96
61) 4-Nitroaniline	10.20	138	243473	34.10	ng	91
62) Azobenzene	10.33	77	1001781	37.22	ng	99
64) 4,6-Dinitro-2-methylphenol	10.24	198	102005	21.79	ng	# 59
65) n-Nitrosodiphenylamine	10.30	169	829681	37.74	ng	99
66) 4-Bromophenyl-phenylether	10.66	248	309955	42.10	ng	99
67) Hexachlorobenzene	10.72	284	286082	34.02	ng	98
68) Atrazine	10.83	200	291245	39.68	ng	95
69) Pentachlorophenol	10.91	266	290744	64.26	ng	98
70) Phenanthrene	11.13	178	1396696	38.35	ng	100
71) Anthracene	11.18	178	1409972	38.17	ng	100
72) Carbazole	11.34	167	1239872	35.80	ng	99
73) Di-n-butylphthalate	11.68	149	1504946	37.28	ng	99
74) Fluoranthene	12.31	202	1436550	37.64	ng	99
76) Benzidine	12.45	184	726884	42.93	ng	95
77) Pyrene	12.53	202	1269494	40.28	ng	99
79) Butylbenzylphthalate	13.17	149	554652	43.64	ng	95
80) Benzo(a)anthracene	13.71	228	1115490	40.75	ng	99
81) 3,3'-Dichlorobenzidine	13.68	252	365567	36.99	ng	99
82) Chrysene	13.75	228	1062097	41.53	ng	100
83) Bis(2-ethylhexyl)phthalate	13.73	149	692476	39.39	ng	# 93
84) Di-n-octyl phthalate	14.33	149	1204399	42.45	ng	100
85) Indeno(1,2,3-cd)pyrene	16.27	276	898234	47.51	ng	99
87) Benzo(b)fluoranthene	14.73	252	2082741	72.68	ng	100
88) Benzo(k)fluoranthene	14.73	252	2082741	85.65	ng	# 98
89) Benzo(a)pyrene	15.01	252	951276	38.74	ng	# 96
90) Dibenzo(a,h)anthracene	16.29	278	736816	40.96	ng	97
91) Benzo(g,h,i)perylene	16.64	276	728939	40.25	ng	98

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.60 min Scan# 439

Delta R.T. 0.00 min

Lab File: BF090031.D

Acq: 8 Sep 2016 18:23

Instrument :

BNA_F

ClientSampleId :

SB-3-7.0-8.0MS

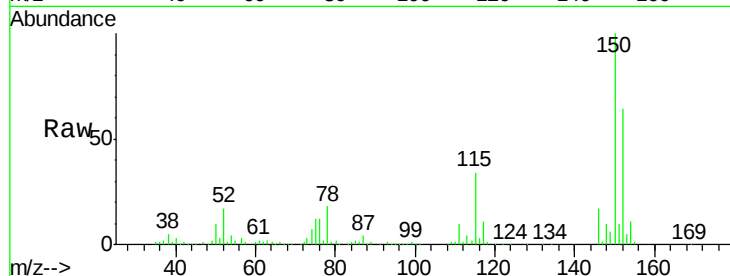
Tgt Ion: 152 Resp: 196996

Ion Ratio Lower Upper

152 100

150 156.9 127.4 191.2

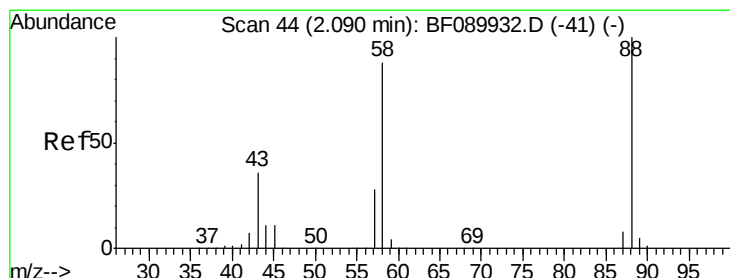
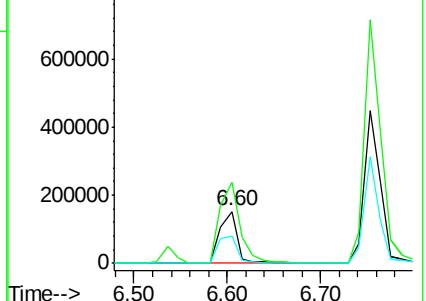
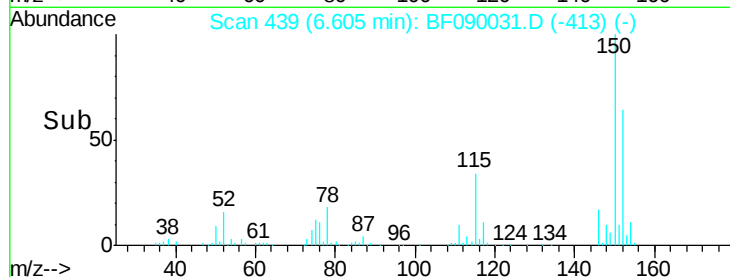
115 53.4 46.3 69.5



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: 26.59 ng

RT: 2.09 min Scan# 44

Delta R.T. 0.06 min

Lab File: BF090031.D

Acq: 8 Sep 2016 18:23

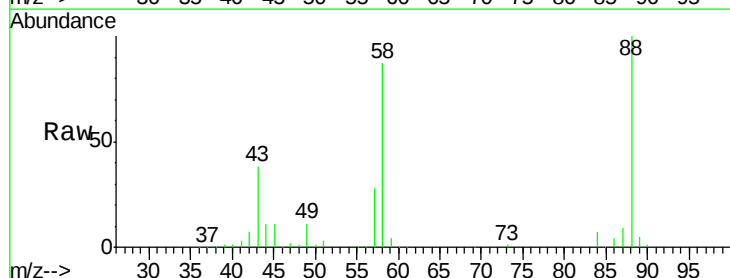
Tgt Ion: 88 Resp: 155037

Ion Ratio Lower Upper

88 100

58 86.1 68.8 103.2

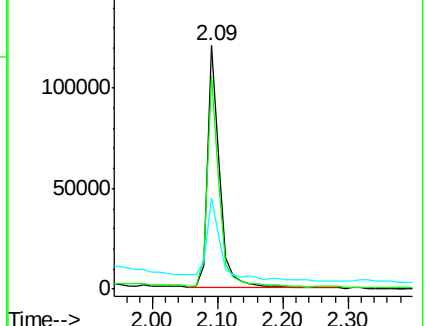
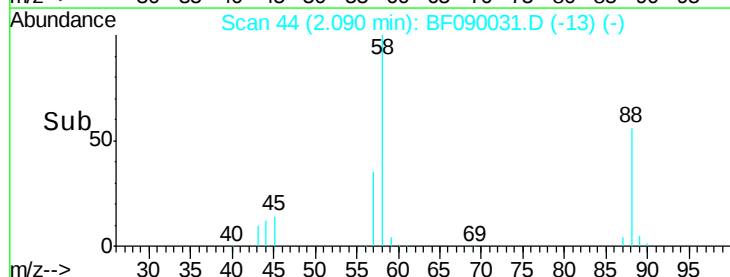
43 42.8 27.0 40.6#

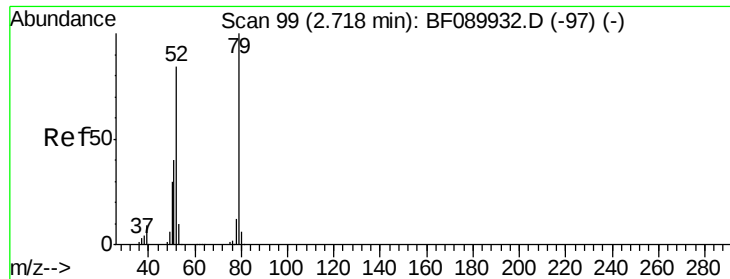


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 21.57 ng

RT: 2.72 min Scan# 99

Delta R.T. 0.06 min

Lab File: BF090031.D

Acq: 8 Sep 2016 18:23

Instrument :

BNA_F

ClientSampleId :

SB-3-7.0-8.0MS

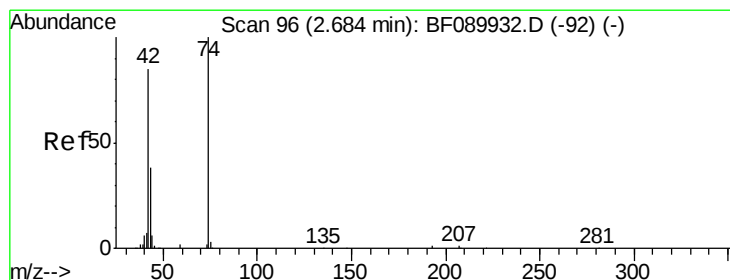
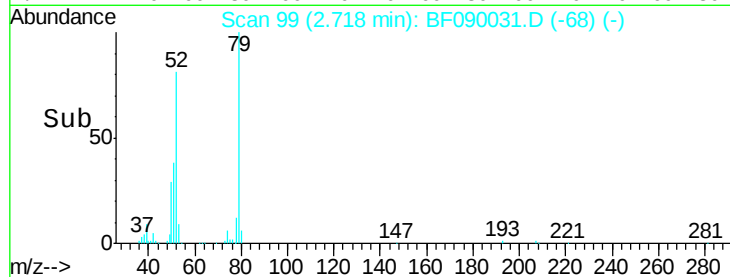
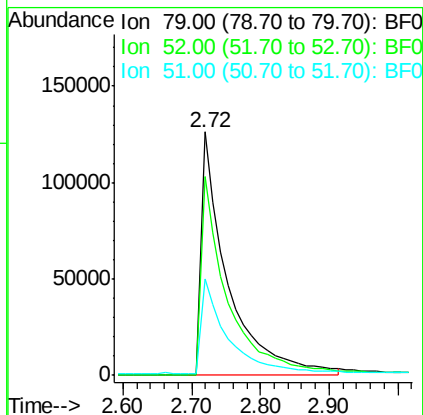
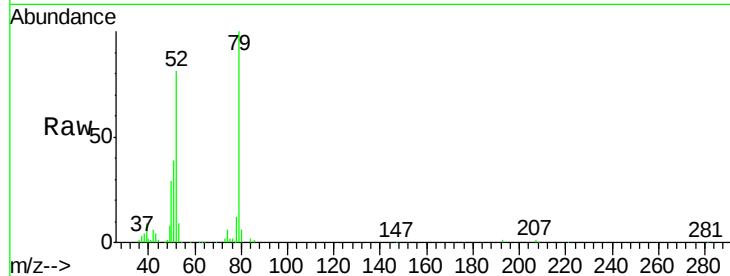
Tgt Ion: 79 Resp: 335623

Ion Ratio Lower Upper

79 100

52 81.5 67.8 101.6

51 39.4 32.9 49.3



#4

n-Nitrosodimethylamine

Concen: 32.01 ng

RT: 2.67 min Scan# 95

Delta R.T. 0.06 min

Lab File: BF090031.D

Acq: 8 Sep 2016 18:23

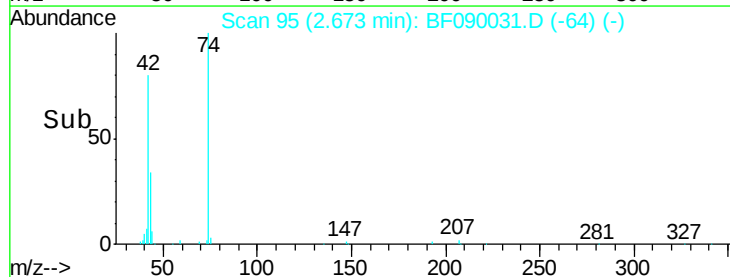
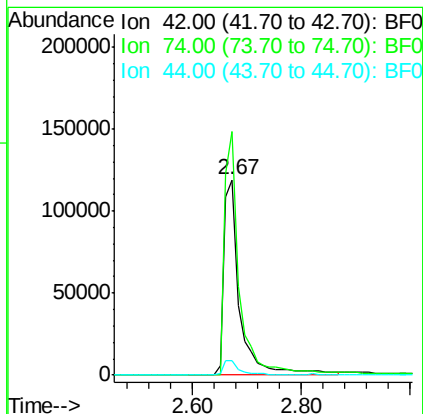
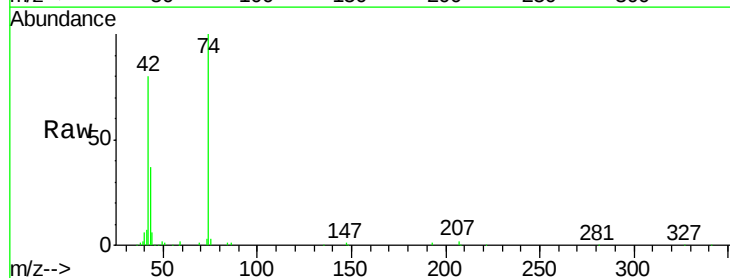
Tgt Ion: 42 Resp: 245587

Ion Ratio Lower Upper

42 100

74 124.7 92.0 138.0

44 7.5 5.8 8.8





#5

2-Fluorophenol

Concen: 110.00 ng

RT: 5.18 min Scan# 314

Delta R.T. 0.01 min

Lab File: BF090031.D

Acq: 8 Sep 2016 18:23

Instrument :

BNA_F

ClientSampleId :

SB-3-7.0-8.0MS

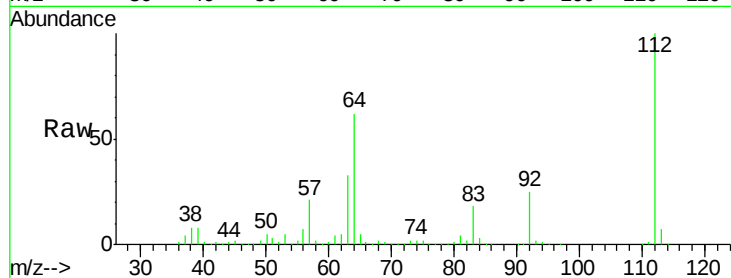
Tgt Ion: 112 Resp: 1353785

Ion Ratio Lower Upper

112 100

64 62.3 41.1 61.7#

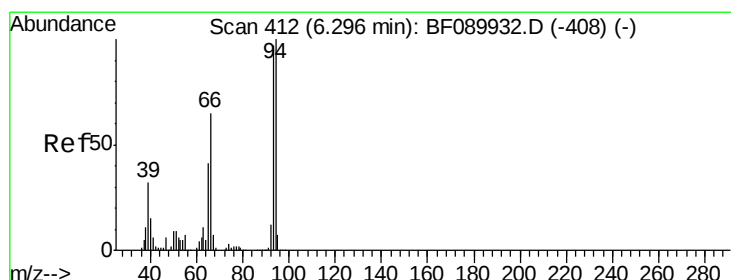
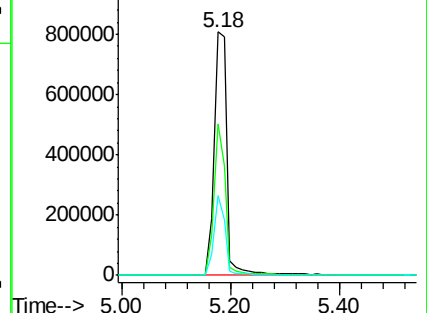
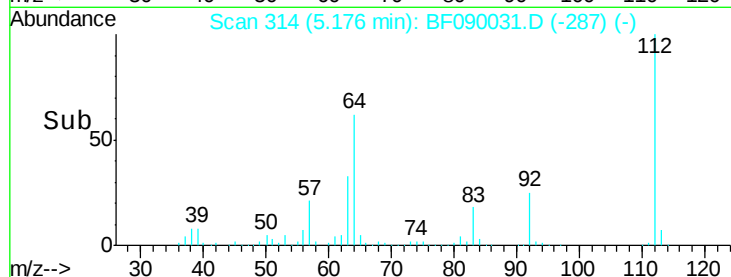
63 32.6 21.2 31.8#



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: 27.90 ng

RT: 6.26 min Scan# 409

Delta R.T. 0.00 min

Lab File: BF090031.D

Acq: 8 Sep 2016 18:23

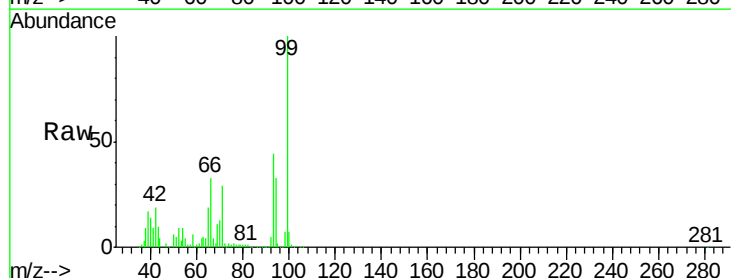
Tgt Ion: 93 Resp: 569359

Ion Ratio Lower Upper

93 100

66 76.0 52.9 79.3

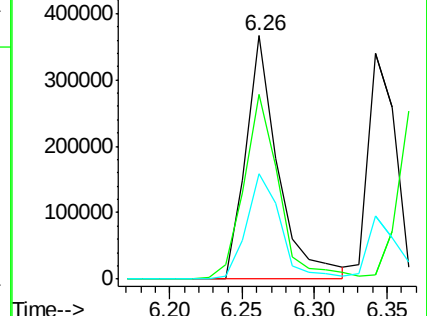
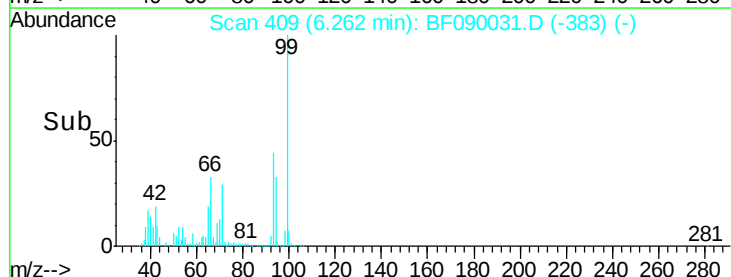
65 43.2 33.0 49.6

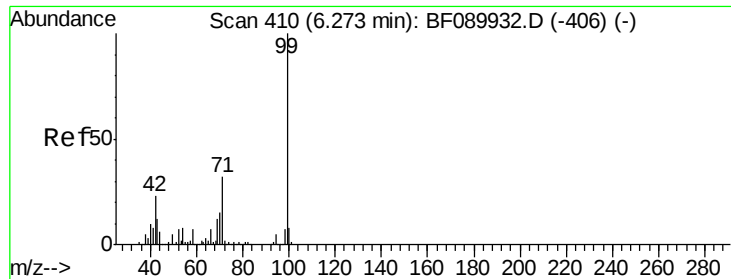


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 112.91 ng

RT: 6.25 min Scan# 408

Delta R.T. 0.00 min

Lab File: BF090031.D

Acq: 8 Sep 2016 18:23

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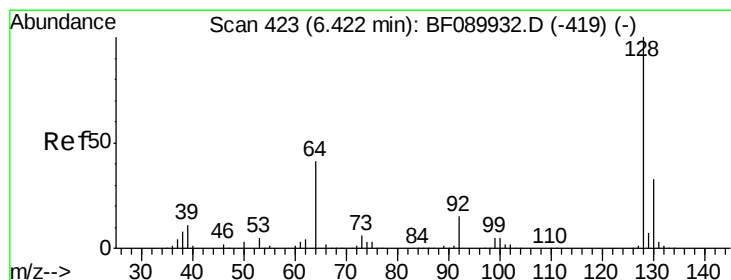
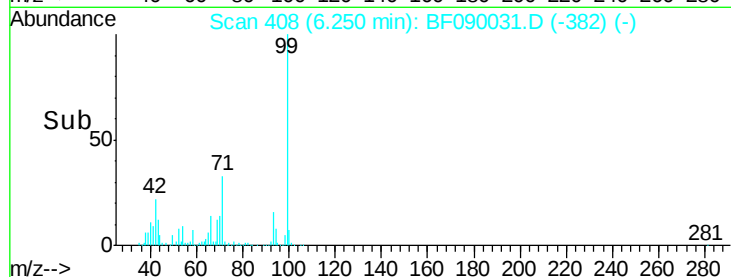
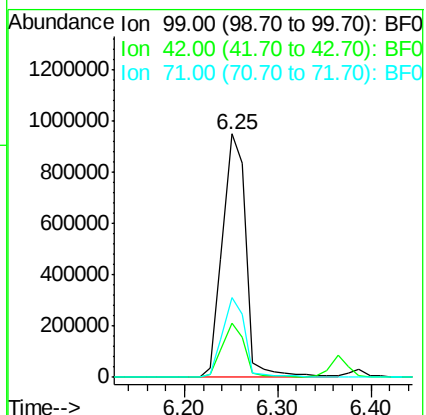
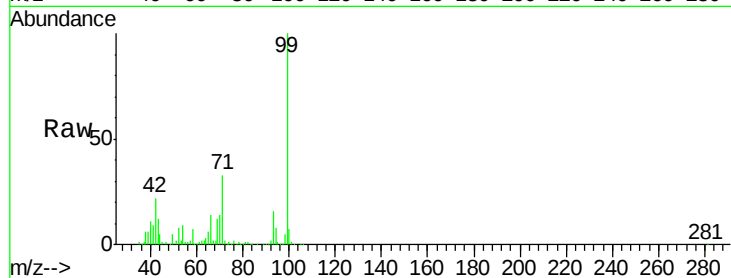
Tgt Ion: 99 Resp: 1688464

Ion Ratio Lower Upper

99 100

42 22.4 18.6 27.8

71 32.8 25.8 38.6



#8

2-Chlorophenol

Concen: 36.34 ng

RT: 6.39 min Scan# 420

Delta R.T. 0.00 min

Lab File: BF090031.D

Acq: 8 Sep 2016 18:23

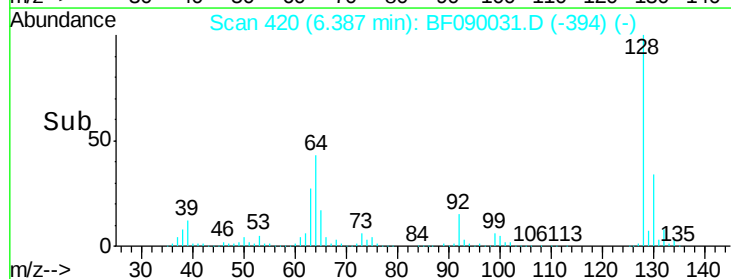
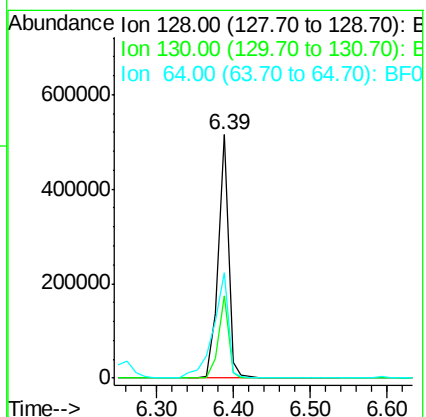
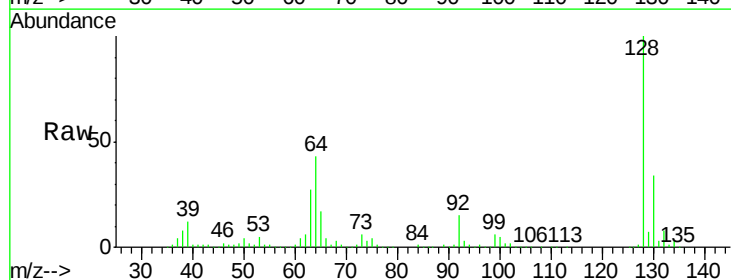
Tgt Ion: 128 Resp: 485157

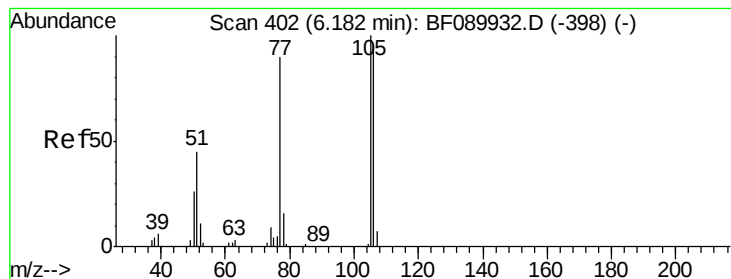
Ion Ratio Lower Upper

128 100

130 33.7 12.8 52.8

64 43.2 23.2 63.2





#9

Benzaldehyde

Concen: 6.61 ng

RT: 6.14 min Scan# 398

Delta R.T. 0.00 min

Lab File: BF090031.D

Acq: 8 Sep 2016 18:23

Instrument :

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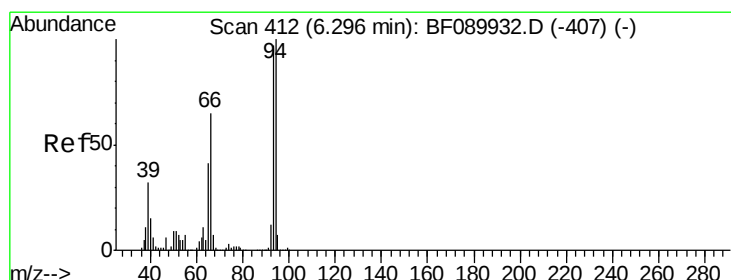
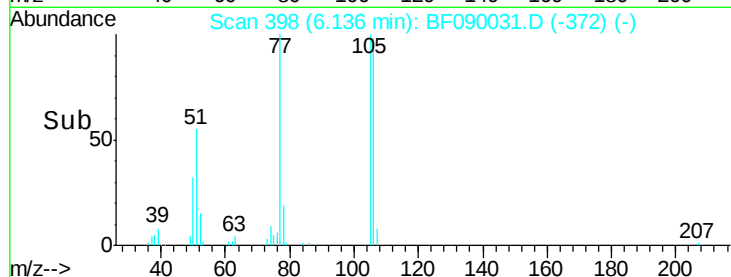
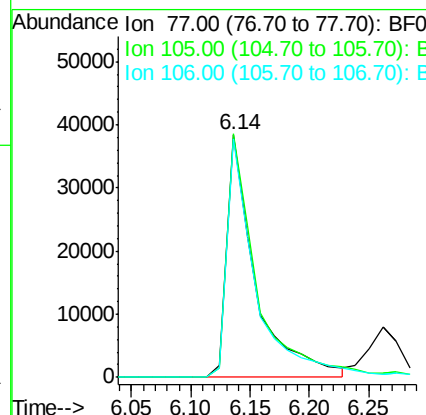
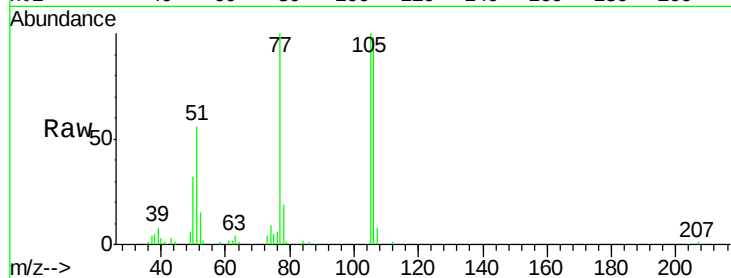
Tgt Ion: 77 Resp: 63726

Ion Ratio Lower Upper

77 100

105 100.5 85.4 125.4

106 98.4 83.4 123.4



#10

Phenol

Concen: 32.86 ng

RT: 6.27 min Scan# 410

Delta R.T. 0.01 min

Lab File: BF090031.D

Acq: 8 Sep 2016 18:23

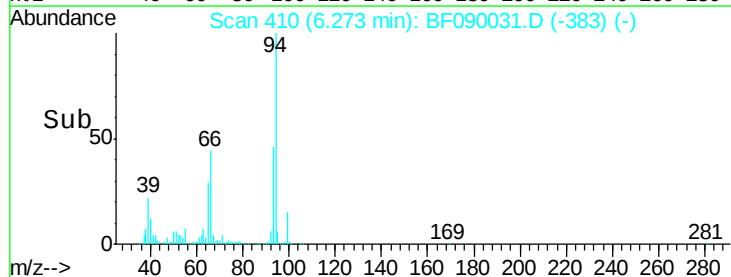
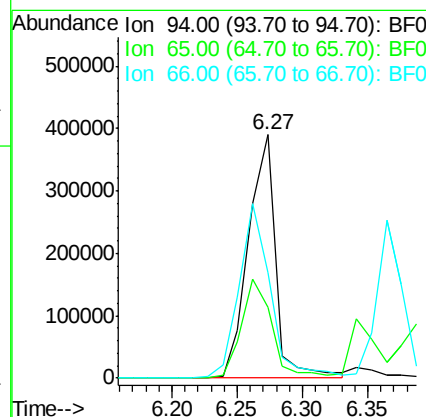
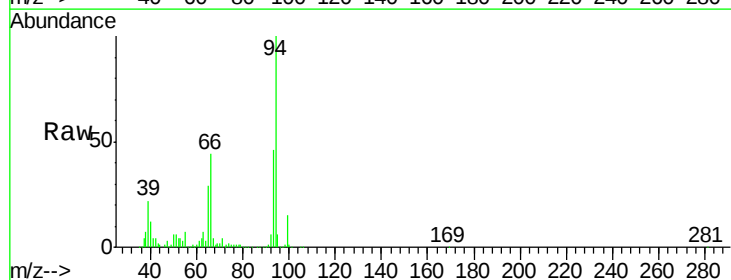
Tgt Ion: 94 Resp: 571506

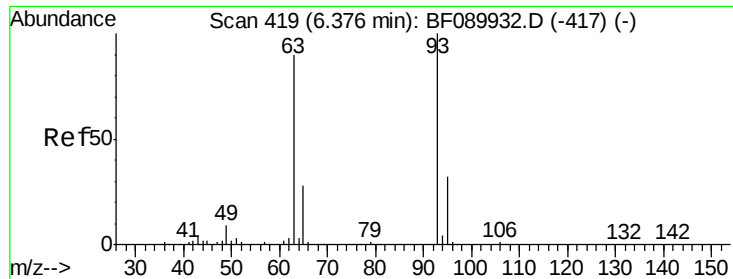
Ion Ratio Lower Upper

94 100

65 29.2 23.2 63.2

66 43.5 49.2 89.2#

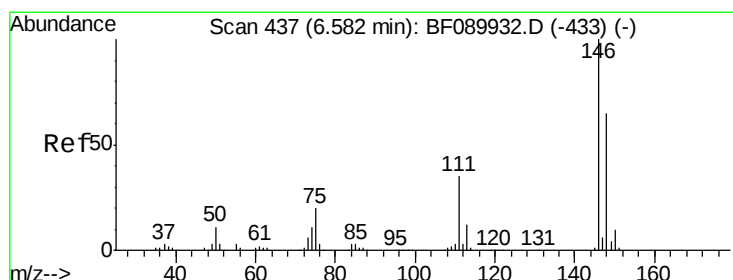
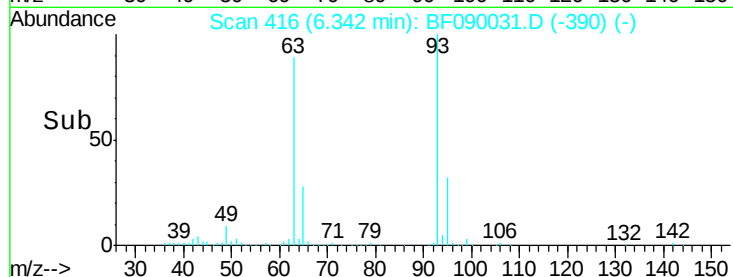
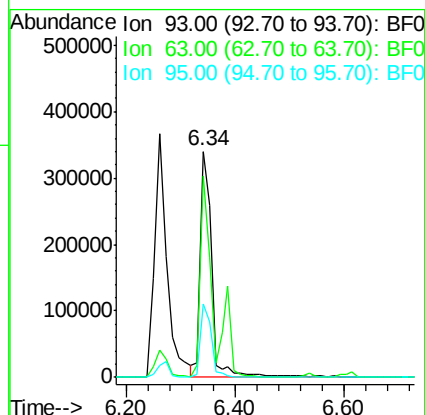
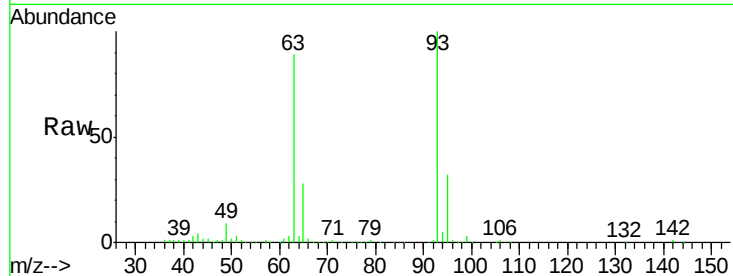




#11
bis(2-Chloroethyl)ether
Concen: 36.42 ng
RT: 6.34 min Scan# 416
Delta R.T. 0.00 min
Lab File: BF090031.D
Acq: 8 Sep 2016 18:23

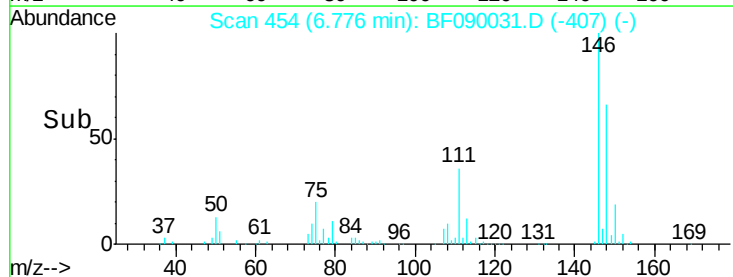
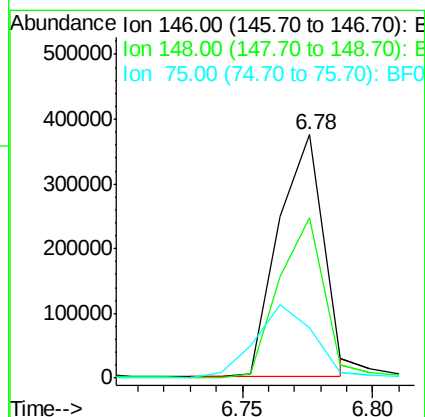
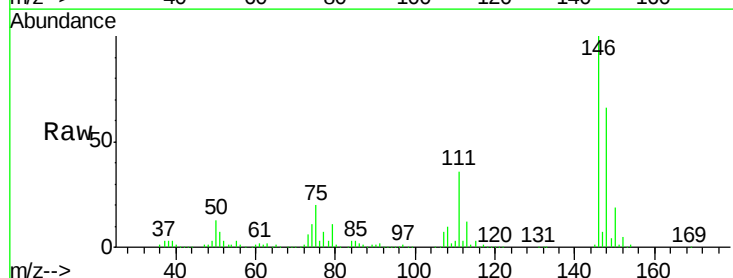
Instrument :
BNA_F
ClientSampleId :
SB-3-7.0-8.0MS

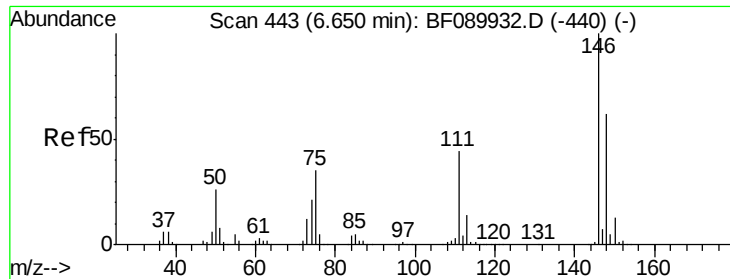
Tgt Ion: 93 Resp: 479245
Ion Ratio Lower Upper
93 100
63 89.0 71.1 111.1
95 32.4 12.4 52.4



#12
1,3-Dichlorobenzene
Concen: 30.09 ng
RT: 6.78 min Scan# 454
Delta R.T. 0.24 min
Lab File: BF090031.D
Acq: 8 Sep 2016 18:23

Tgt Ion: 146 Resp: 448672
Ion Ratio Lower Upper
146 100
148 65.8 52.5 78.7
75 20.5 16.6 24.8

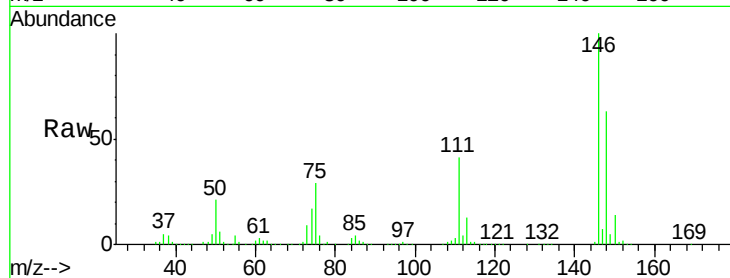




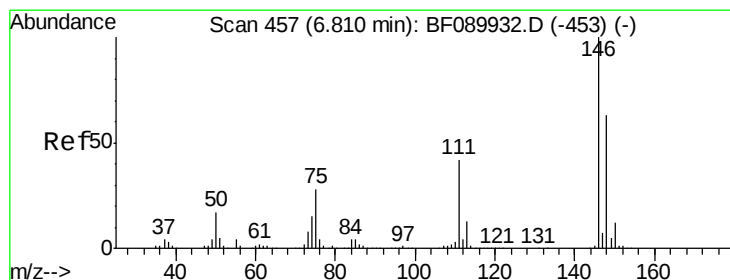
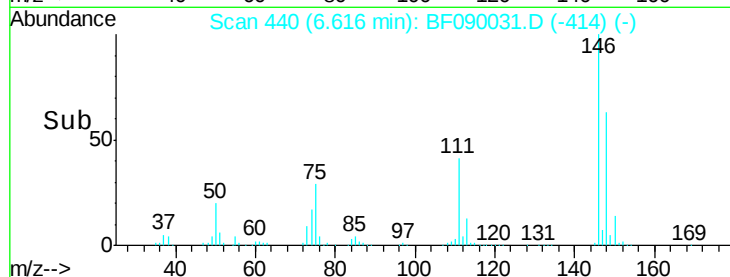
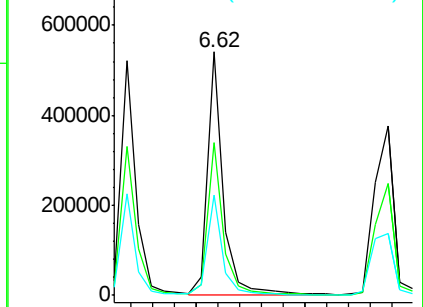
#13
 1,4-Dichlorobenzene
 Concen: 35.79 ng
 RT: 6.62 min Scan# 440
 Delta R.T. 0.00 min
 Lab File: BF090031.D
 Acq: 8 Sep 2016 18:23

Instrument :
 BNA_F
 ClientSampleId :
 SB-3-7.0-8.0MS

Tgt Ion:146 Resp: 546145
 Ion Ratio Lower Upper
 146 100
 148 62.9 50.1 75.1
 111 41.3 35.8 53.6

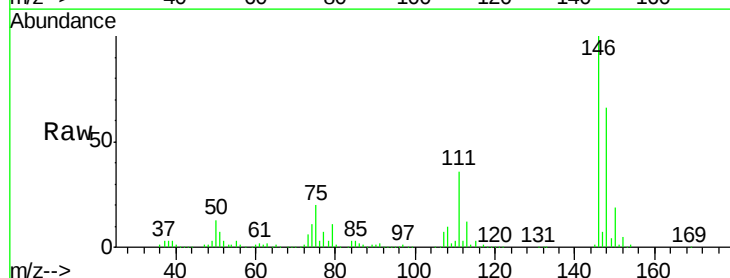


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

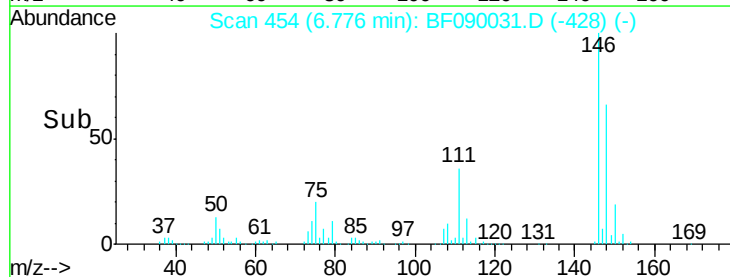
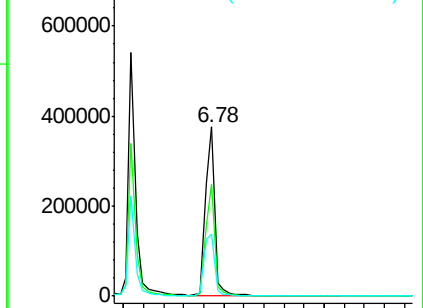


#14
 1,2-Dichlorobenzene
 Concen: 35.32 ng
 RT: 6.78 min Scan# 454
 Delta R.T. 0.00 min
 Lab File: BF090031.D
 Acq: 8 Sep 2016 18:23

Tgt Ion:146 Resp: 483116
 Ion Ratio Lower Upper
 146 100
 148 65.8 51.4 77.2
 111 36.4 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: 37.91 ng

RT: 6.75 min Scan# 452

Delta R.T. 0.00 min

Lab File: BF090031.D

Acq: 8 Sep 2016 18:23

Instrument :

BNA_F

ClientSampleId :

SB-3-7.0-8.0MS

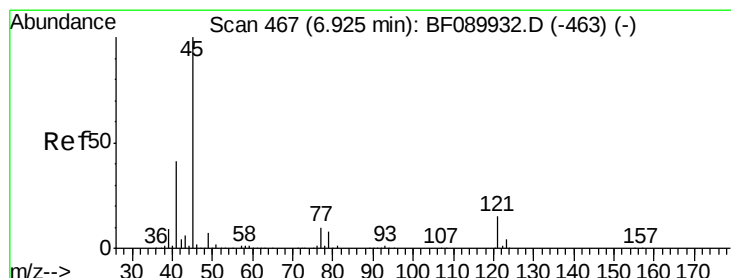
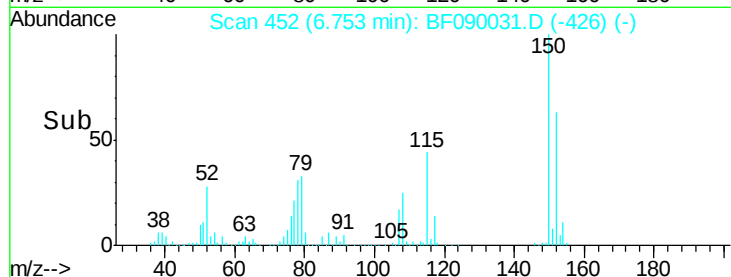
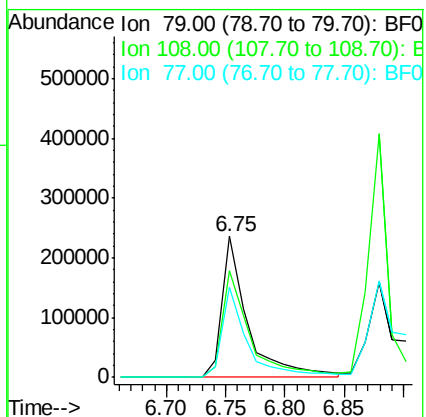
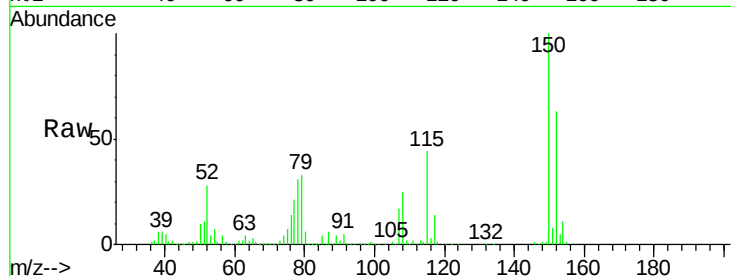
Tgt Ion: 79 Resp: 355155

Ion Ratio Lower Upper

79 100

108 75.7 62.1 93.1

77 64.1 50.1 75.1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 33.69 ng

RT: 6.90 min Scan# 465

Delta R.T. 0.01 min

Lab File: BF090031.D

Acq: 8 Sep 2016 18:23

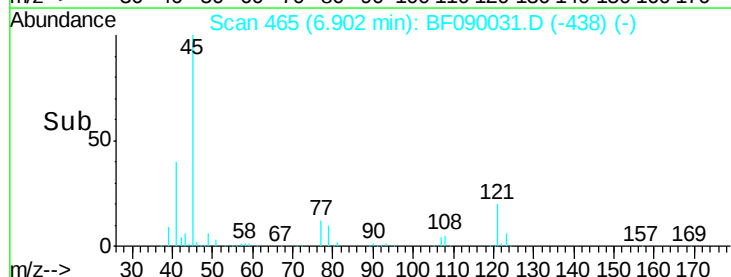
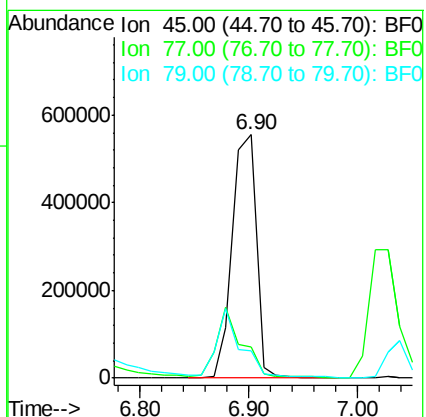
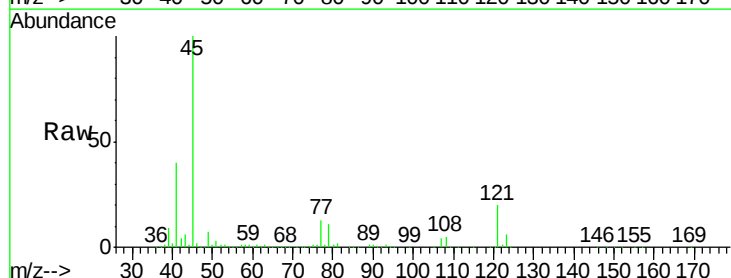
Tgt Ion: 45 Resp: 845316

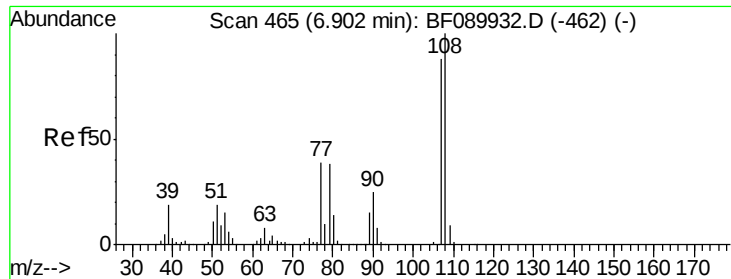
Ion Ratio Lower Upper

45 100

77 13.0 0.0 30.3

79 11.1 0.0 27.5

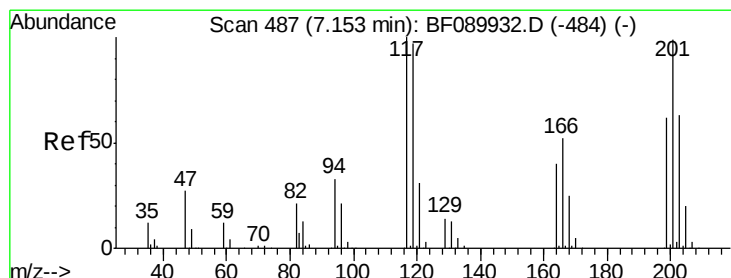
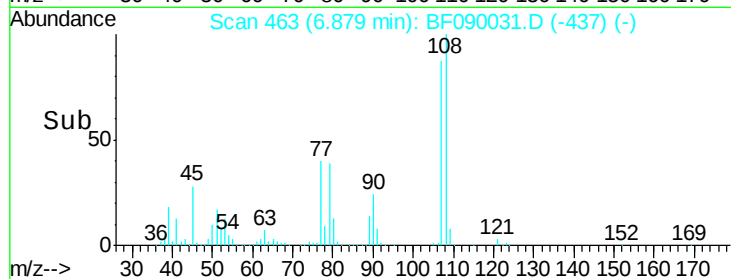
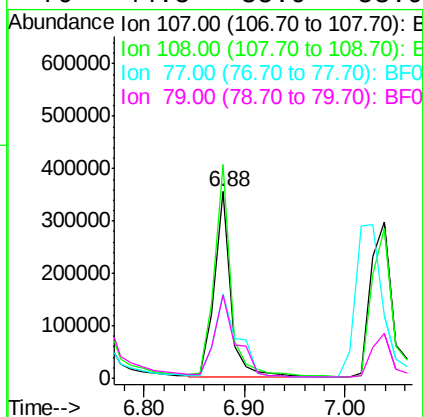
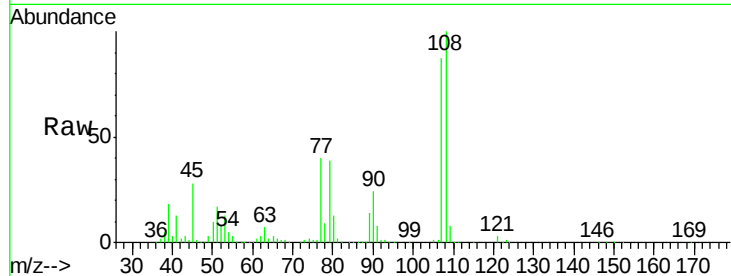




#17
2-Methylphenol
Concen: 37.84 ng
RT: 6.88 min Scan# 463
Delta R.T. 0.00 min
Lab File: BF090031.D
Acq: 8 Sep 2016 18:23

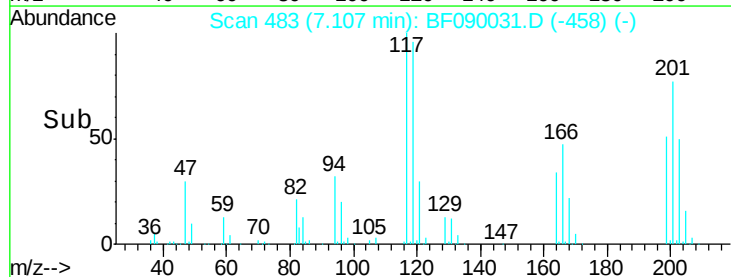
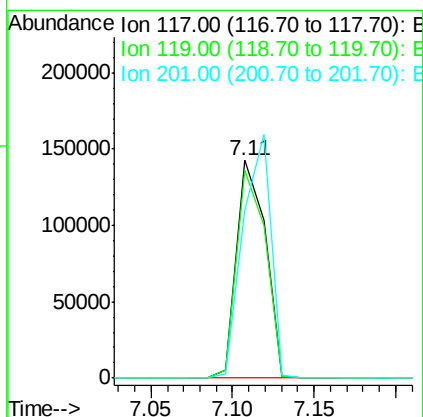
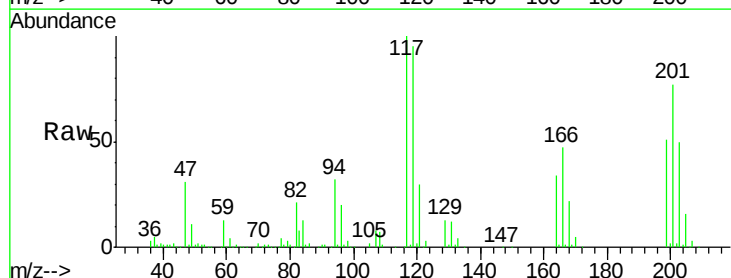
Instrument :
BNA_F
ClientSampleId :
SB-3-7.0-8.0MS

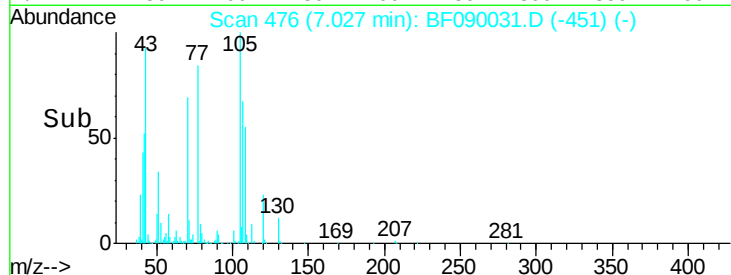
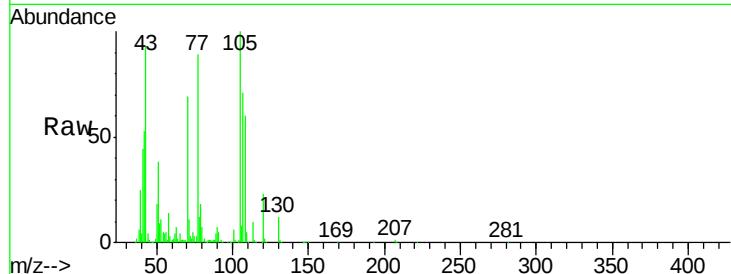
Tgt Ion:	107	Resp:	403500
Ion	Ratio	Lower	Upper
107	100		
108	114.4	91.8	137.6
77	45.4	36.0	54.0
79	44.5	35.9	53.9



#18
Hexachloroethane
Concen: 33.10 ng
RT: 7.11 min Scan# 483
Delta R.T. -0.01 min
Lab File: BF090031.D
Acq: 8 Sep 2016 18:23

Tgt Ion:	117	Resp:	172996
Ion	Ratio	Lower	Upper
117	100		
119	95.5	76.2	114.2
201	76.9	80.2	120.2#

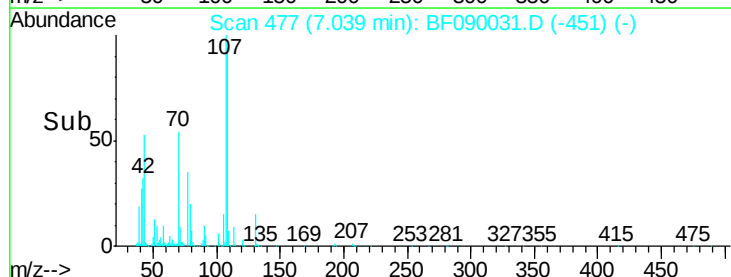
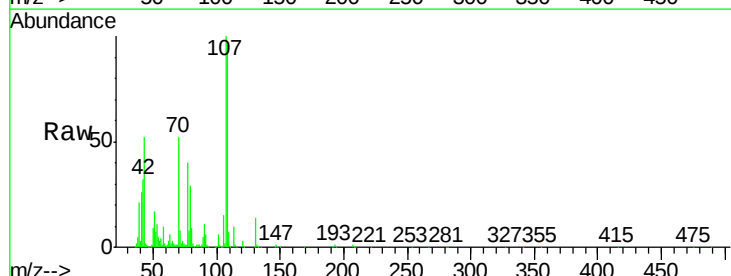
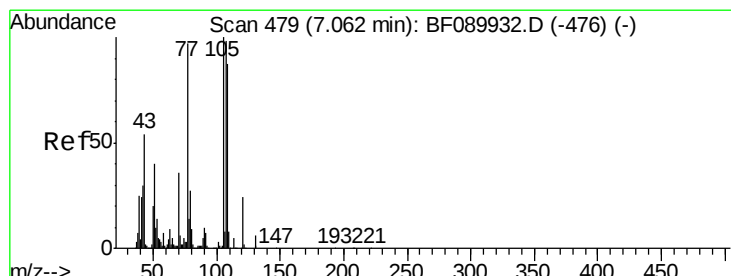
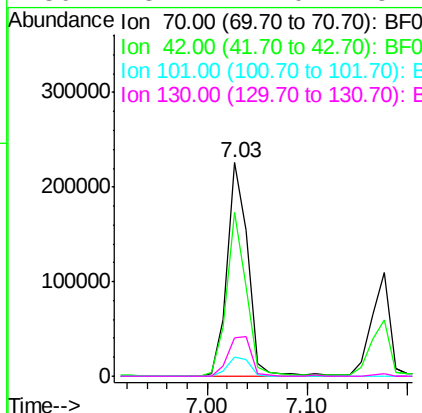




#19
n-Nitroso-di-n-propylamine
Concen: 33.33 ng
RT: 7.03 min Scan# 476
Delta R.T. -0.01 min
Lab File: BF090031.D
Acq: 8 Sep 2016 18:23

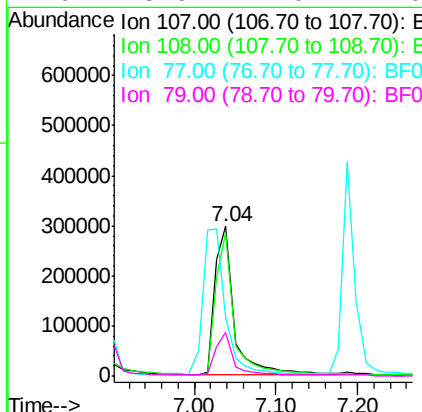
Instrument :
BNA_F
ClientSampleId :
SB-3-7.0-8.0MS

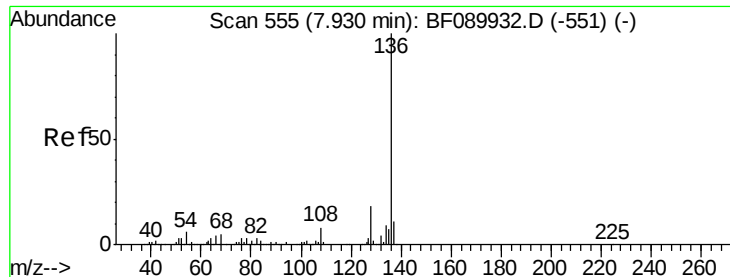
Tgt Ion:	70	Resp:	324850
Ion	Ratio	Lower	Upper
70	100		
42	76.8	52.1	78.1
101	9.0	7.4	11.2
130	18.1	17.0	25.4



#20
3+4-Methylphenols
Concen: 38.10 ng
RT: 7.04 min Scan# 477
Delta R.T. 0.00 min
Lab File: BF090031.D
Acq: 8 Sep 2016 18:23

Tgt Ion:	107	Resp:	492416
Ion	Ratio	Lower	Upper
107	100		
108	95.9	70.2	110.2
77	39.8	75.7	115.7#
79	28.9	7.0	47.0

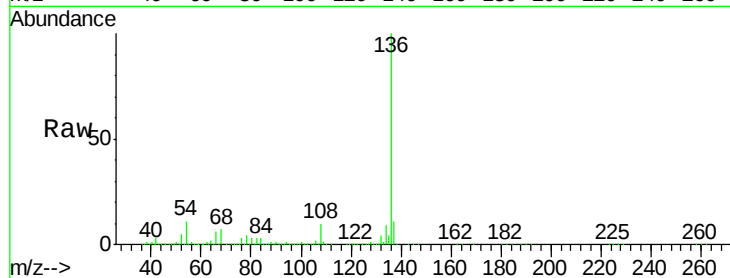




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.88 min Scan# 551
Delta R.T. -0.01 min
Lab File: BF090031.D
Acq: 8 Sep 2016 18:23

Instrument :
BNA_F
ClientSampleId :
SB-3-7.0-8.0MS

Tgt Ion:	136	Resp:	781571
Ion Ratio	Lower	Upper	
136	100		
137	11.3	8.3	12.5
54	10.5	4.8	7.2#
68	6.7	3.7	5.5#



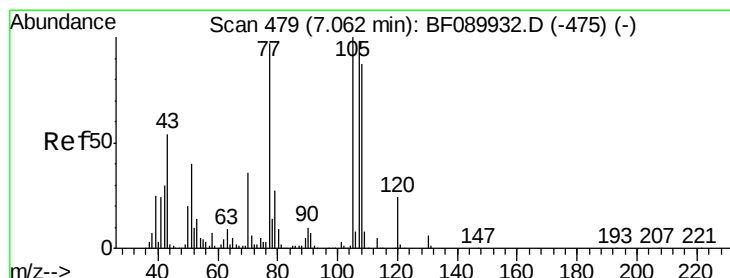
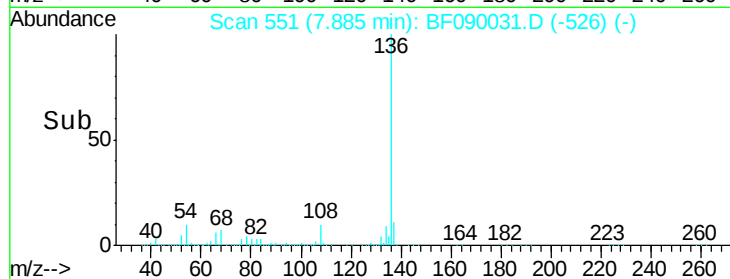
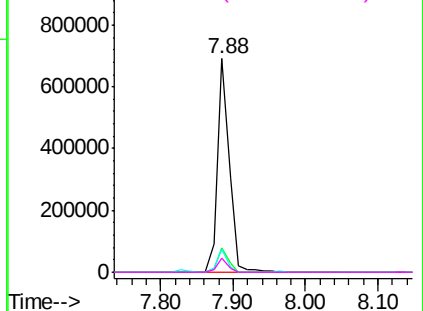
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

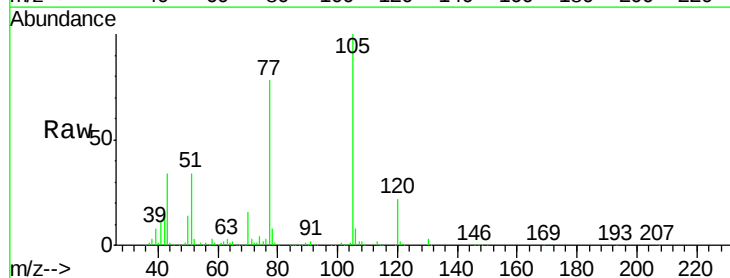
Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22
Acetophenone
Concen: 34.34 ng
RT: 7.02 min Scan# 475
Delta R.T. -0.01 min
Lab File: BF090031.D
Acq: 8 Sep 2016 18:23

Tgt Ion:	105	Resp:	602094
Ion Ratio	Lower	Upper	
105	100		
71	2.8	5.3	7.9#
51	34.1	32.6	48.8
120	22.1	18.6	28.0



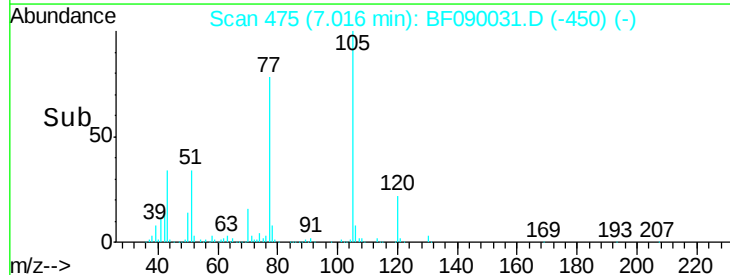
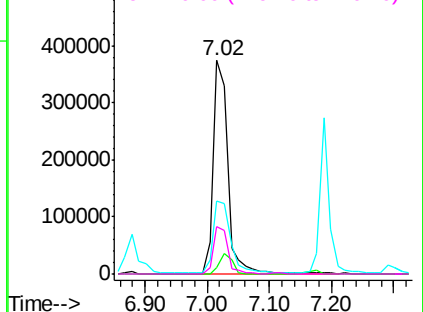
Abundance

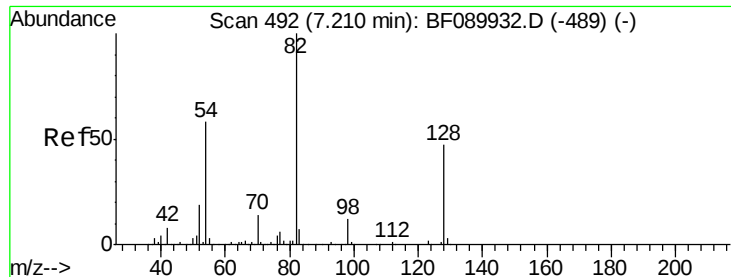
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

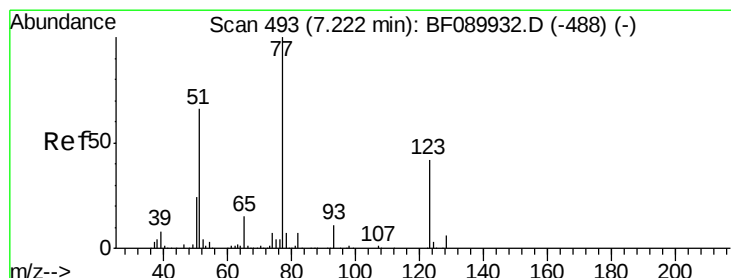
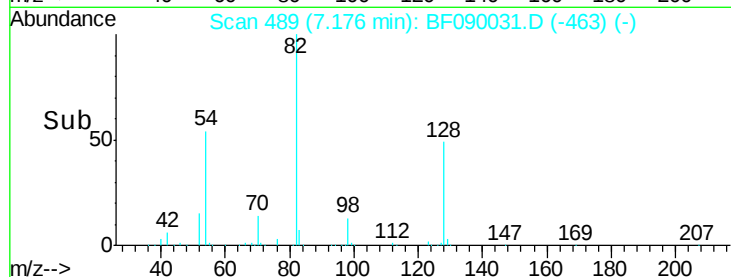
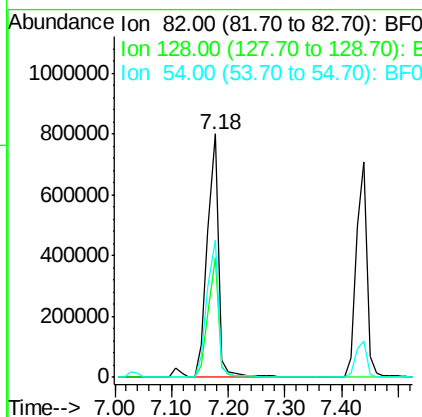
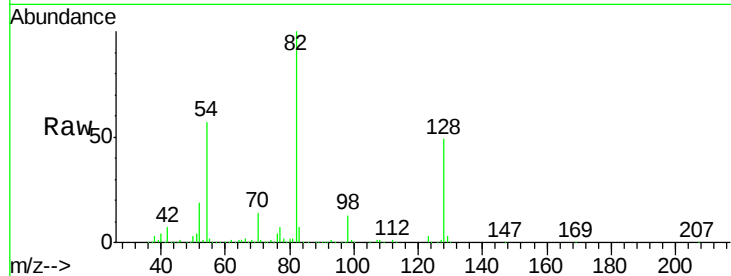




#23
 Nitrobenzene-d5
 Concen: 77.93 ng
 RT: 7.18 min Scan# 489
 Delta R.T. 0.00 min
 Lab File: BF090031.D
 Acq: 8 Sep 2016 18:23

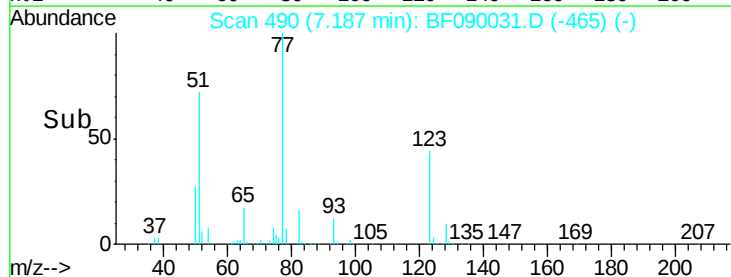
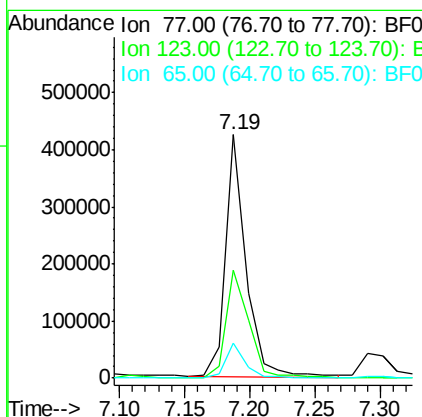
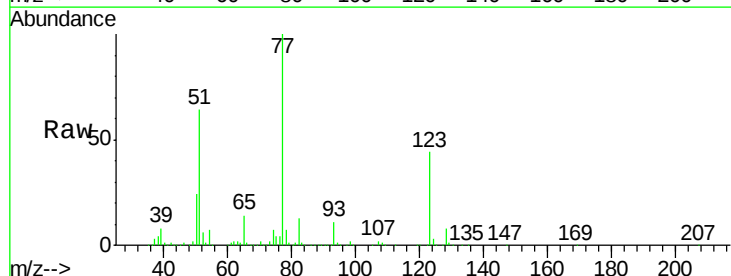
Instrument :
 BNA_F
 ClientSampleId :
 SB-3-7.0-8.0MS

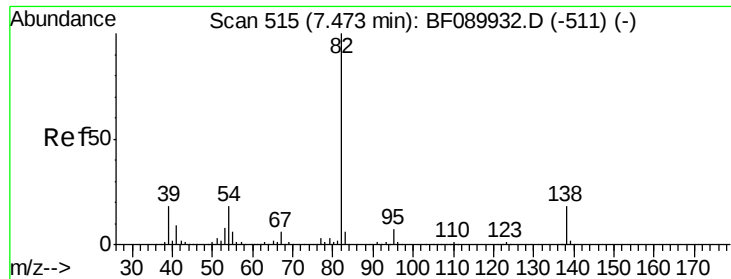
Tgt Ion: 82 Resp: 1050210
 Ion Ratio Lower Upper
 82 100
 128 49.3 37.8 56.8
 54 56.6 46.9 70.3



#24
 Nitrobenzene
 Concen: 32.61 ng
 RT: 7.19 min Scan# 490
 Delta R.T. -0.01 min
 Lab File: BF090031.D
 Acq: 8 Sep 2016 18:23

Tgt Ion: 77 Resp: 467154
 Ion Ratio Lower Upper
 77 100
 123 44.1 32.0 48.0
 65 14.5 11.2 16.8





#25

Isophorone

Concen: 34.35 ng

RT: 7.44 min Scan# 512

Delta R.T. 0.00 min

Lab File: BF090031.D

Acq: 8 Sep 2016 18:23

Instrument :

BNA_F

ClientSampleId :

SB-3-7.0-8.0MS

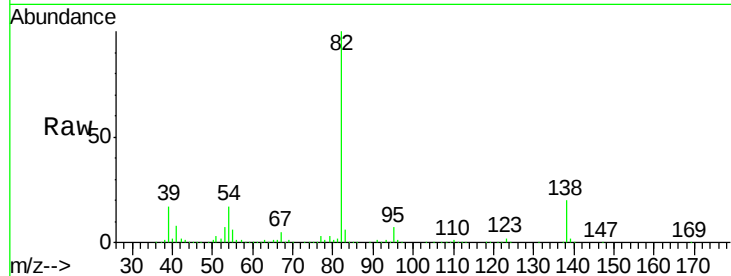
Tgt Ion: 82 Resp: 941273

Ion Ratio Lower Upper

82 100

95 7.1 5.5 8.3

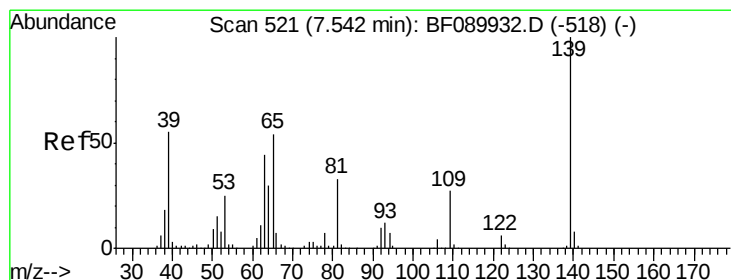
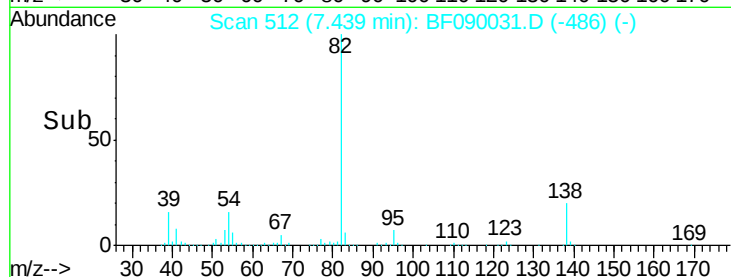
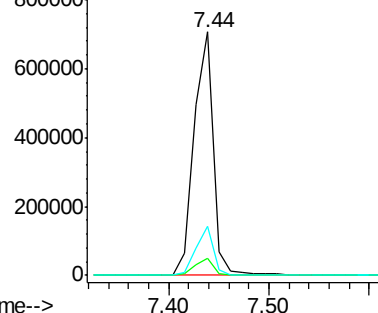
138 20.3 14.4 21.6



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: 40.38 ng

RT: 7.51 min Scan# 518

Delta R.T. 0.00 min

Lab File: BF090031.D

Acq: 8 Sep 2016 18:23

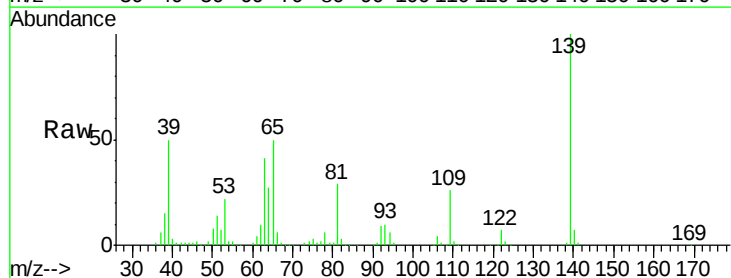
Tgt Ion: 139 Resp: 276519

Ion Ratio Lower Upper

139 100

109 25.5 21.0 31.4

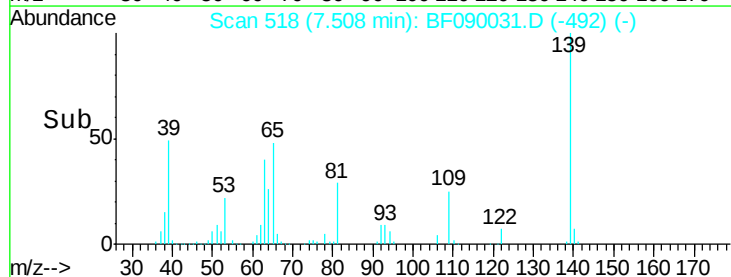
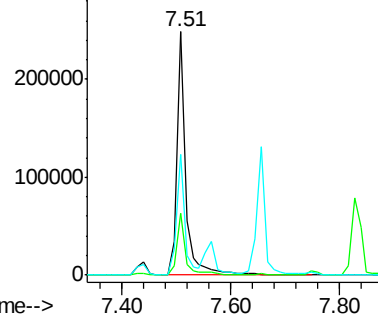
65 49.6 43.4 65.0

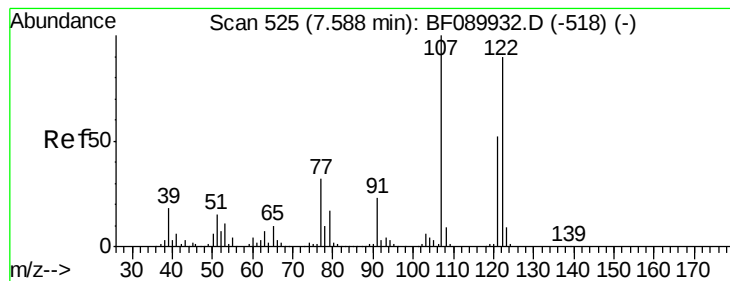


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0





#27

2,4-Dimethylphenol

Concen: 36.16 ng

RT: 7.56 min Scan# 523

Delta R.T. 0.00 min

Lab File: BF090031.D

Acq: 8 Sep 2016 18:23

Instrument :

BNA_F

ClientSampleId :

SB-3-7.0-8.0MS

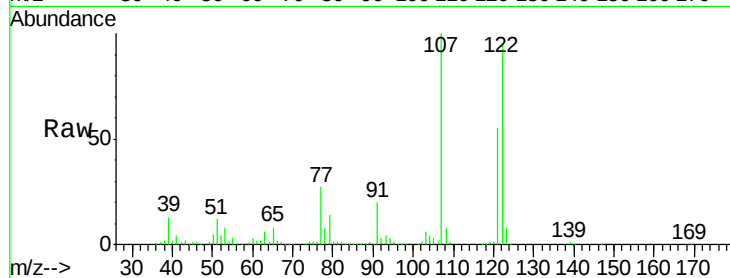
Tgt Ion:122 Resp: 458154

Ion Ratio Lower Upper

122 100

107 105.7 88.5 132.7

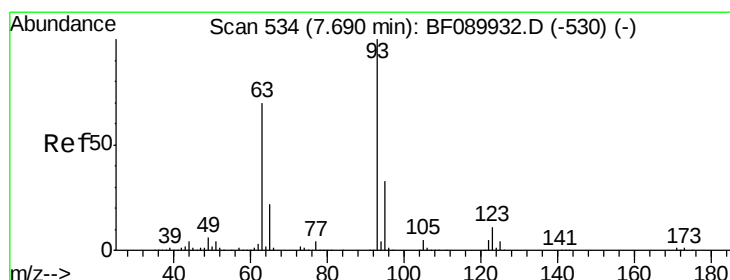
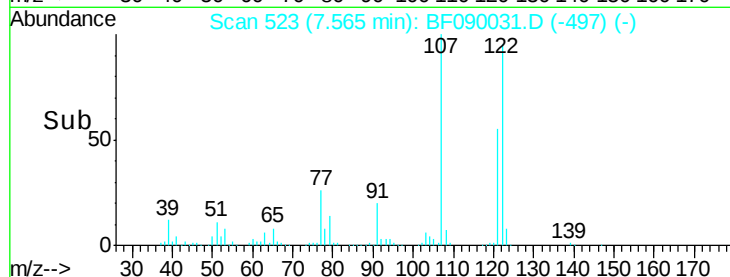
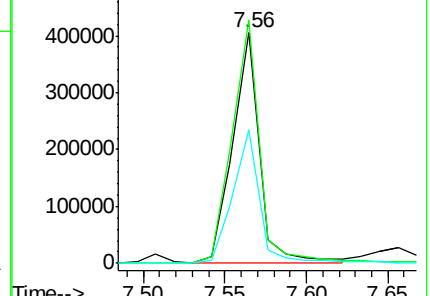
121 57.7 46.0 69.0



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: 37.89 ng

RT: 7.66 min Scan# 531

Delta R.T. 0.00 min

Lab File: BF090031.D

Acq: 8 Sep 2016 18:23

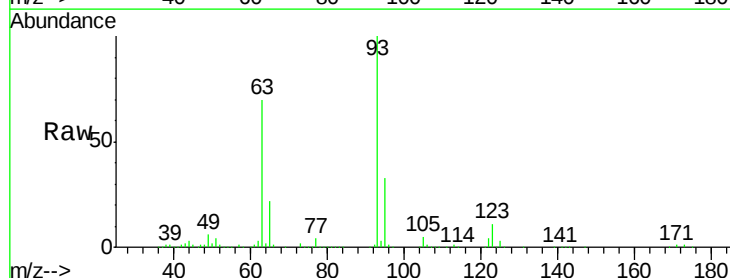
Tgt Ion: 93 Resp: 626315

Ion Ratio Lower Upper

93 100

95 32.8 26.6 40.0

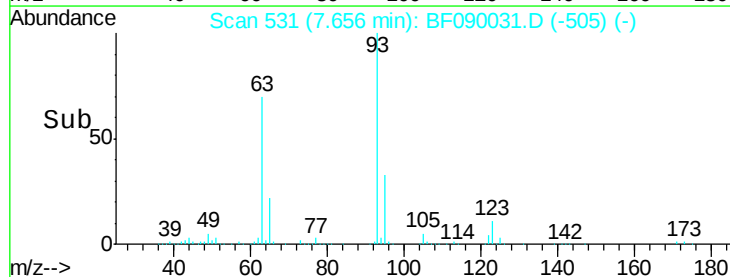
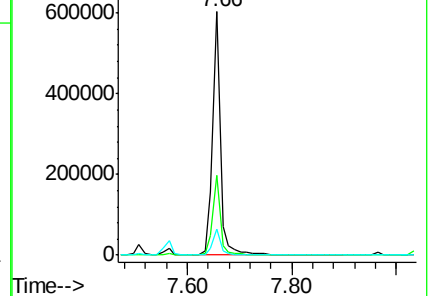
123 10.9 9.1 13.7



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

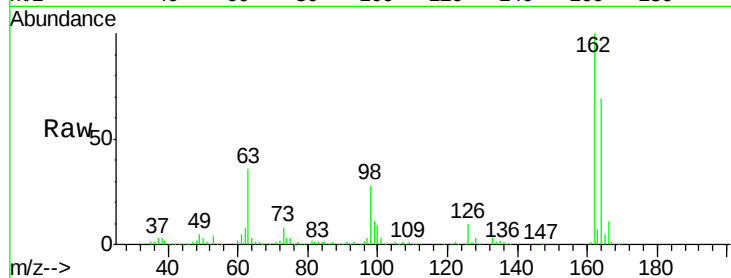




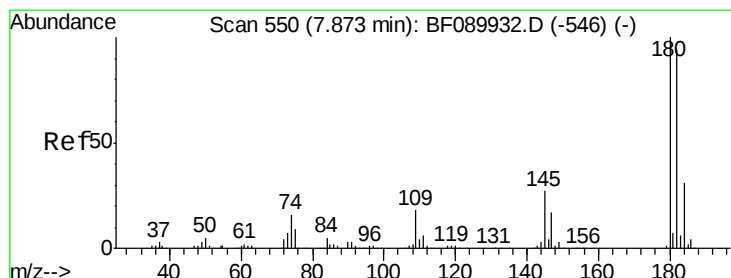
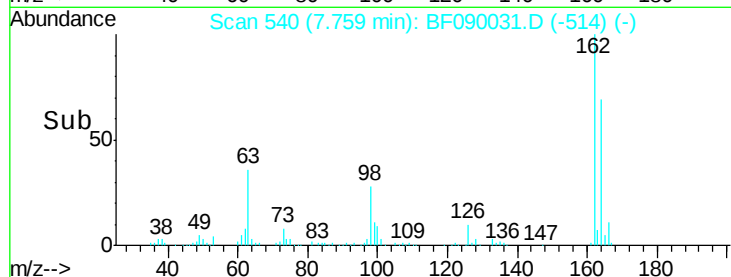
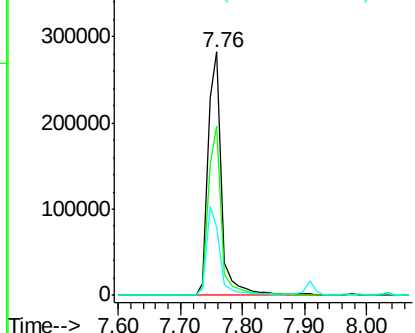
#29
 2,4-Dichlorophenol
 Concen: 37.86 ng
 RT: 7.76 min Scan# 540
 Delta R.T. 0.00 min
 Lab File: BF090031.D
 Acq: 8 Sep 2016 18:23

Instrument :
 BNA_F
 ClientSampleId :
 SB-3-7.0-8.0MS

Tgt Ion	Ratio	Lower	Upper
162	100		
164	69.3	46.6	86.6
98	27.9	22.0	62.0

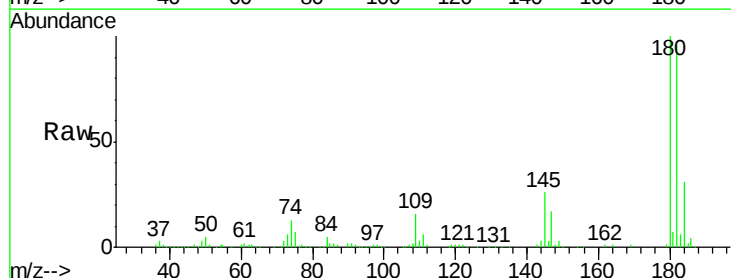


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

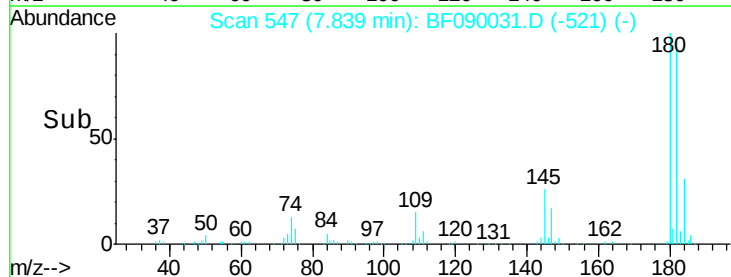
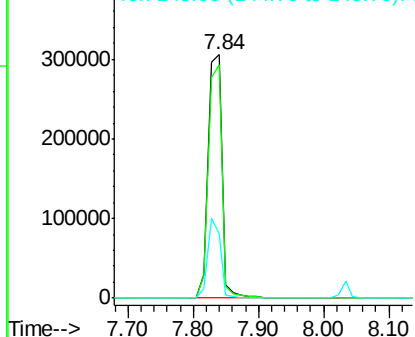


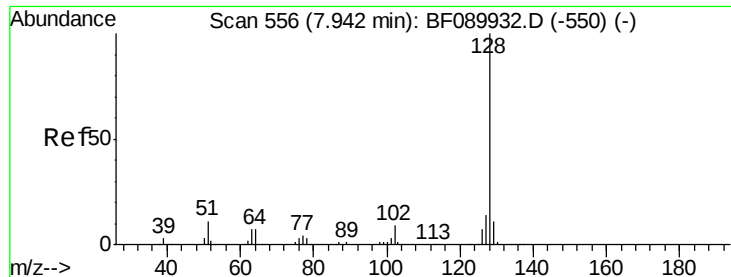
#30
 1,2,4-Trichlorobenzene
 Concen: 37.09 ng
 RT: 7.84 min Scan# 547
 Delta R.T. 0.00 min
 Lab File: BF090031.D
 Acq: 8 Sep 2016 18:23

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.0	76.2	114.2
145	26.5	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

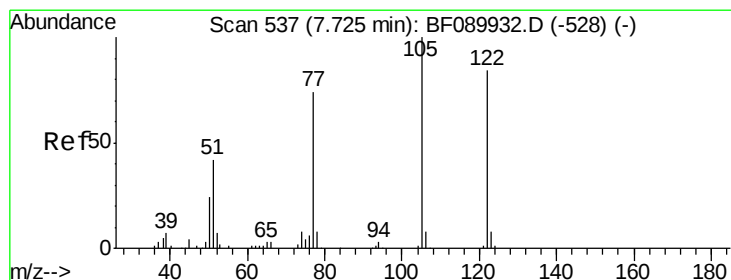
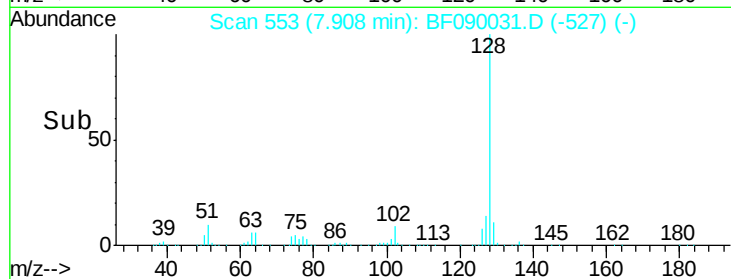
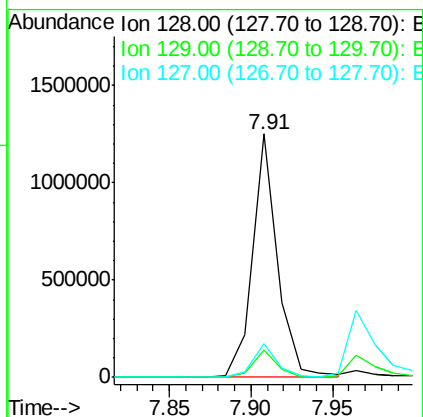
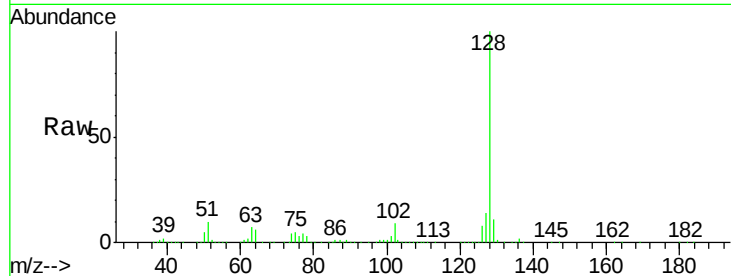




#31
Naphthalene
Concen: 34.18 ng
RT: 7.91 min Scan# 553
Delta R.T. 0.00 min
Lab File: BF090031.D
Acq: 8 Sep 2016 18:23

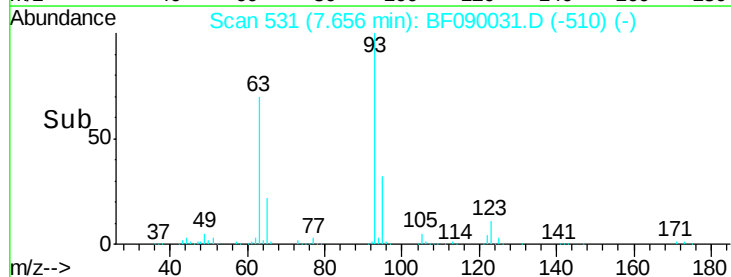
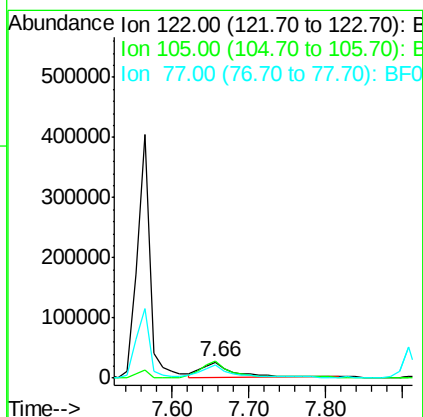
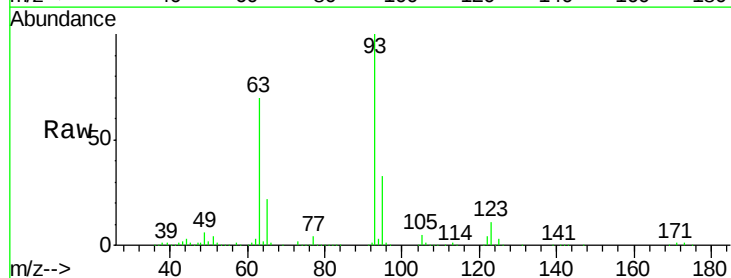
Instrument :
BNA_F
ClientSampleId :
SB-3-7.0-8.0MS

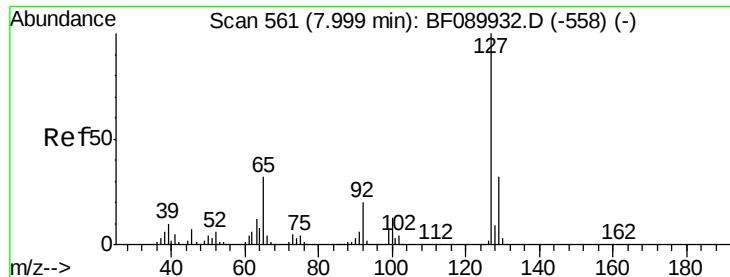
Tgt Ion:128 Resp: 1330739
Ion Ratio Lower Upper
128 100
129 11.4 9.4 14.0
127 13.6 10.7 16.1



#32
Benzoic acid
Concen: 8.36 ng
RT: 7.66 min Scan# 531
Delta R.T. -0.06 min
Lab File: BF090031.D
Acq: 8 Sep 2016 18:23

Tgt Ion:122 Resp: 71339
Ion Ratio Lower Upper
122 100
105 105.6 102.2 142.2
77 80.6 74.1 114.1

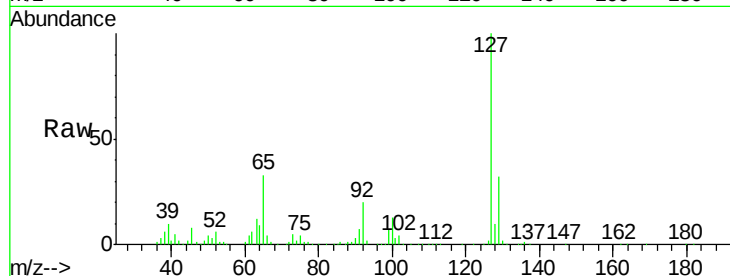




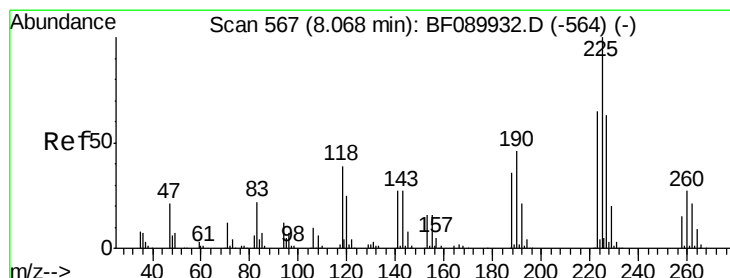
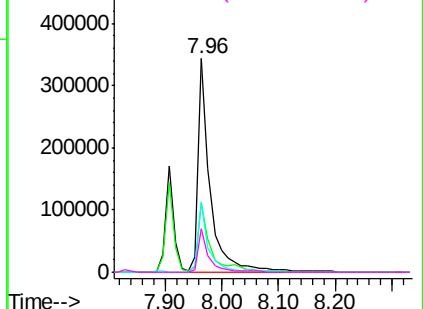
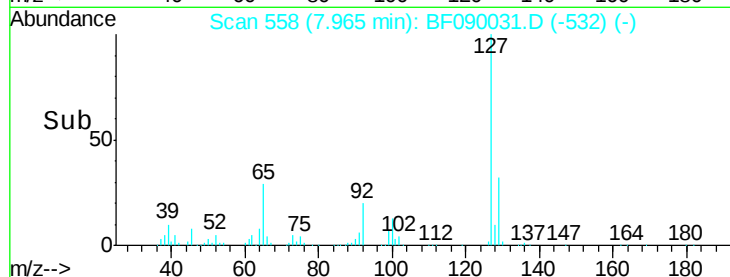
#33
4-Chloroaniline
Concen: 31.51 ng
RT: 7.96 min Scan# 558
Delta R.T. 0.00 min
Lab File: BF090031.D
Acq: 8 Sep 2016 18:23

Instrument :
BNA_F
ClientSampleId :
SB-3-7.0-8.0MS

Tgt Ion:	127	Resp:	495019
Ion	Ratio	Lower	Upper
127	100		
129	32.2	25.9	38.9
65	33.0	26.0	39.0
92	20.4	15.9	23.9

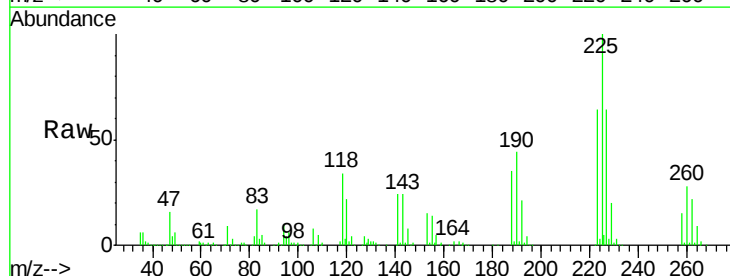


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

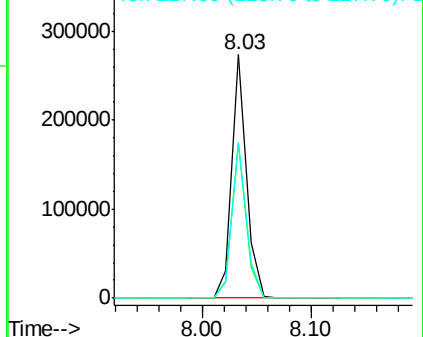
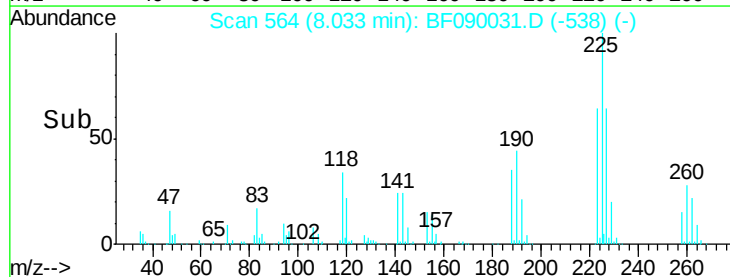


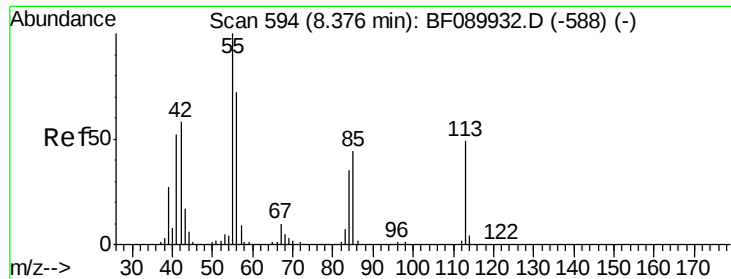
#34
Hexachlorobutadiene
Concen: 34.84 ng
RT: 8.03 min Scan# 564
Delta R.T. 0.00 min
Lab File: BF090031.D
Acq: 8 Sep 2016 18:23

Tgt Ion:	225	Resp:	253491
Ion	Ratio	Lower	Upper
225	100		
223	63.6	52.6	78.8
227	63.6	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

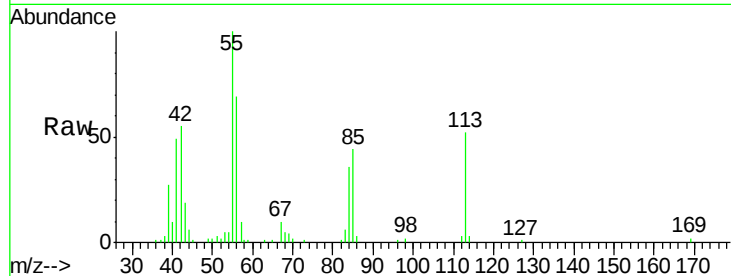




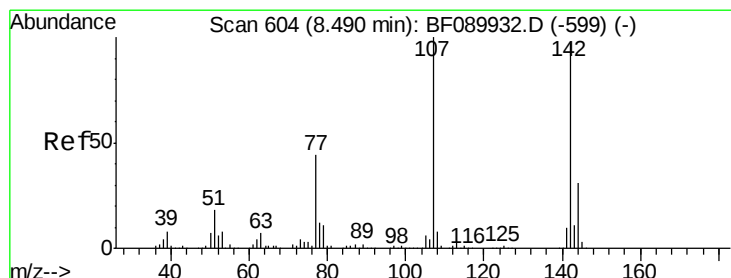
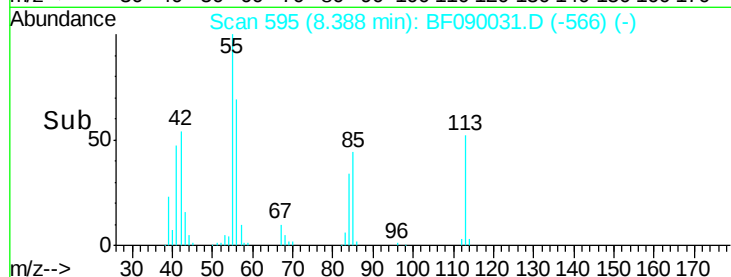
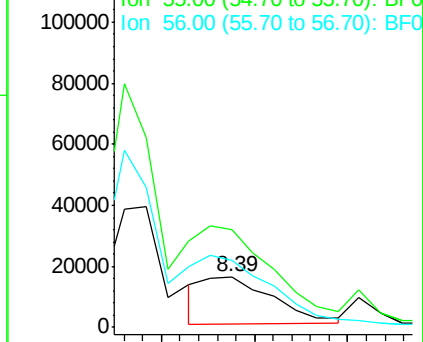
#35
Caprolactam
Concen: 11.37 ng
RT: 8.39 min Scan# 595
Delta R.T. 0.03 min
Lab File: BF090031.D
Acq: 8 Sep 2016 18:23

Instrument :
BNA_F
ClientSampleId :
SB-3-7.0-8.0MS

Tgt Ion:113 Resp: 40757
Ion Ratio Lower Upper
113 100
55 192.7 178.5 218.5
56 133.1 122.7 162.7

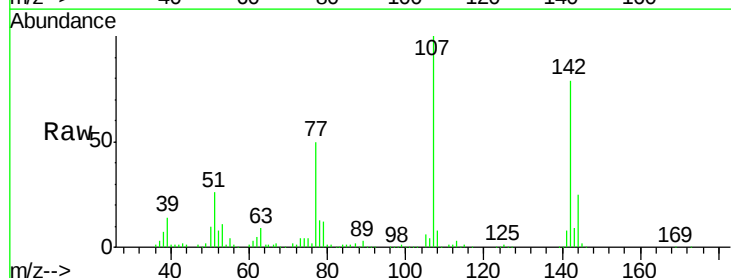


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF0
Ion 56.00 (55.70 to 56.70): BF0

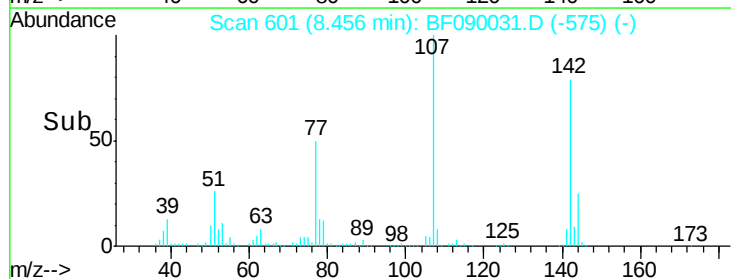
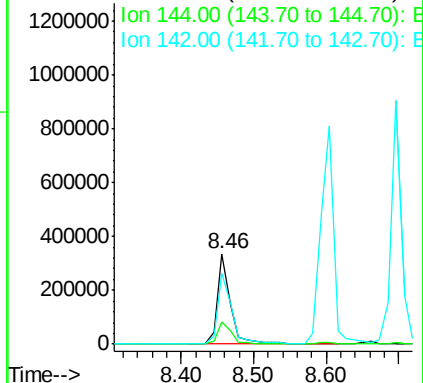


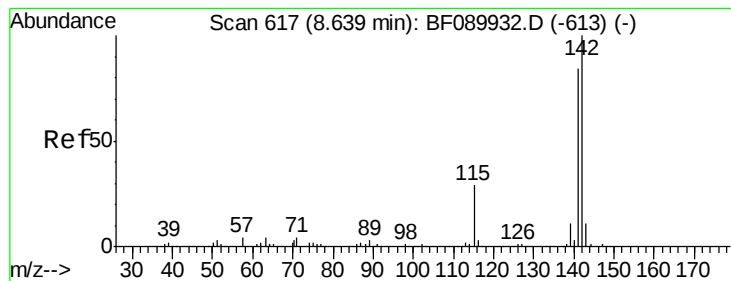
#36
4-Chloro-3-methylphenol
Concen: 35.19 ng
RT: 8.46 min Scan# 601
Delta R.T. 0.00 min
Lab File: BF090031.D
Acq: 8 Sep 2016 18:23

Tgt Ion:107 Resp: 423316
Ion Ratio Lower Upper
107 100
144 24.9 25.8 38.8#
142 78.7 79.2 118.8#



Abundance Ion 107.00 (106.70 to 107.70): E
Ion 144.00 (143.70 to 144.70): E
Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 38.43 ng

RT: 8.60 min Scan# 614

Delta R.T. 0.00 min

Lab File: BF090031.D

Acq: 8 Sep 2016 18:23

Instrument :

BNA_F

ClientSampleId :

SB-3-7.0-8.0MS

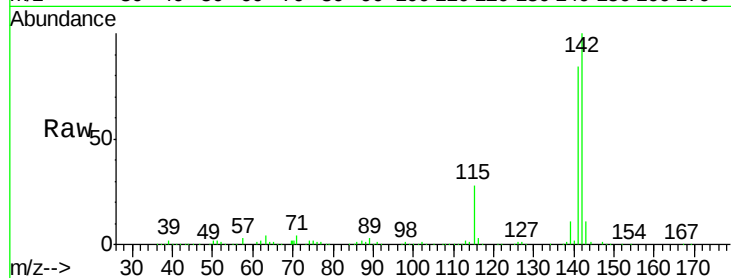
Tgt Ion:142 Resp: 988884

Ion Ratio Lower Upper

142 100

141 83.6 68.3 102.5

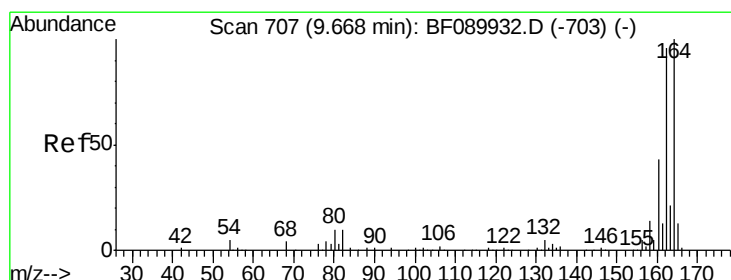
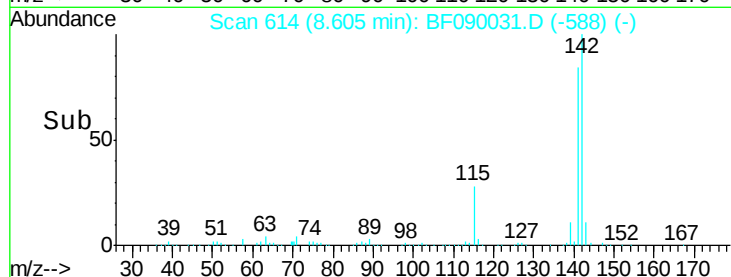
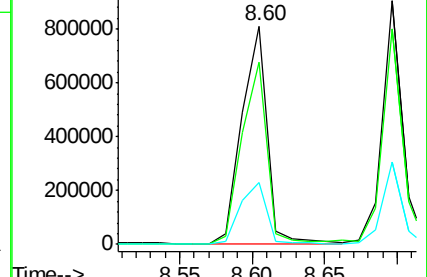
115 28.1 23.8 35.8



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: 9.63 min Scan# 704

Delta R.T. 0.00 min

Lab File: BF090031.D

Acq: 8 Sep 2016 18:23

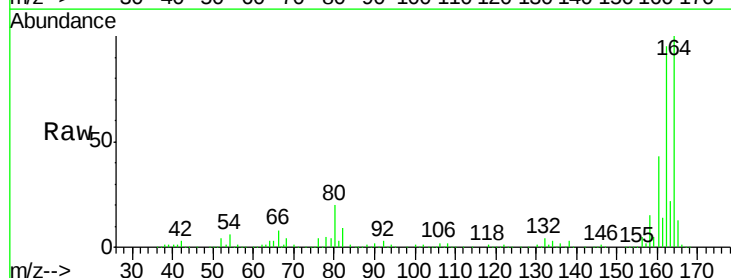
Tgt Ion:164 Resp: 396345

Ion Ratio Lower Upper

164 100

162 95.3 77.1 115.7

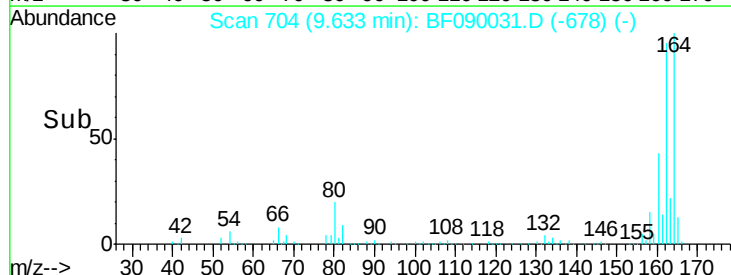
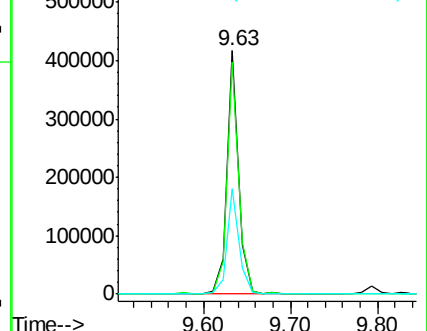
160 43.0 35.3 52.9

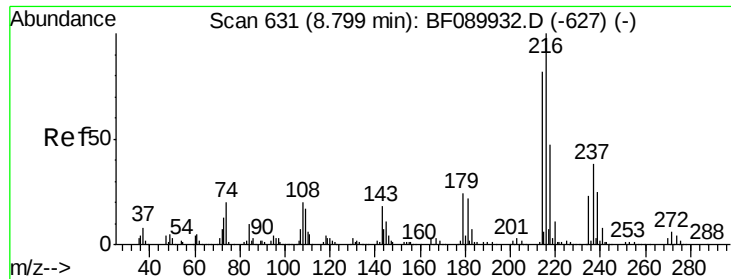


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

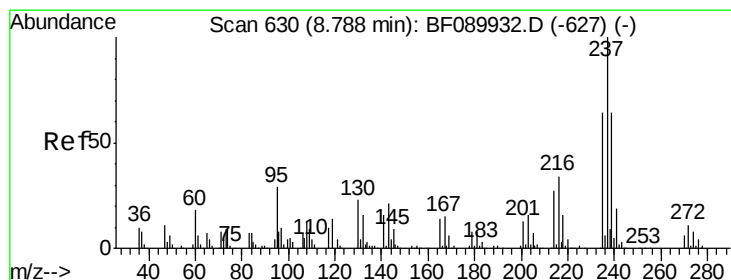
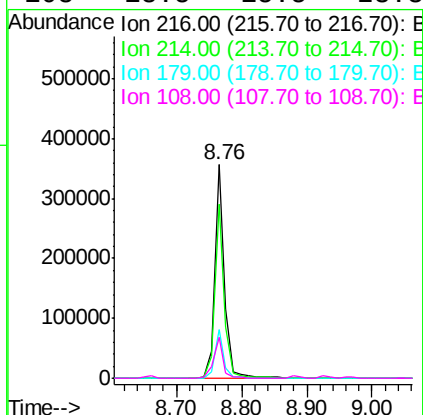
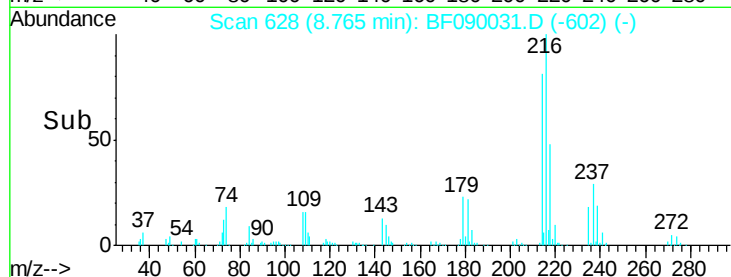
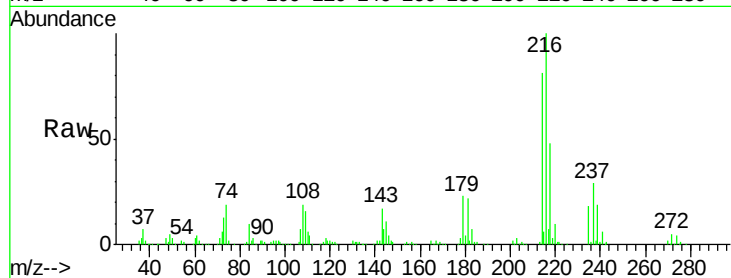




#39
1,2,4,5-Tetrachlorobenzene
Concen: 32.50 ng
RT: 8.76 min Scan# 628
Delta R.T. 0.00 min
Lab File: BF090031.D
Acq: 8 Sep 2016 18:23

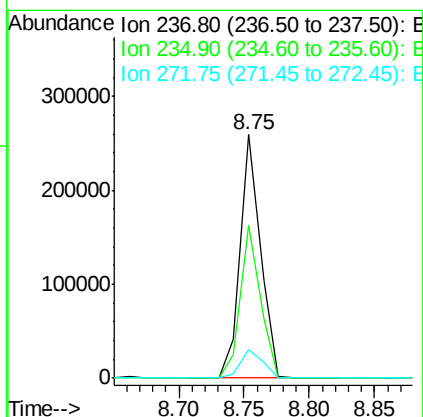
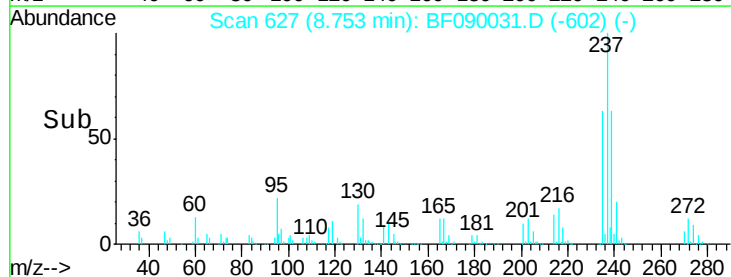
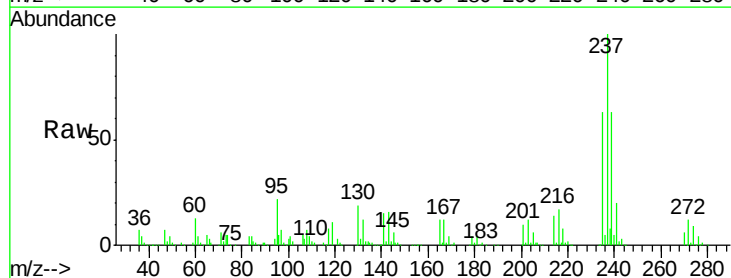
Instrument :
BNA_F
ClientSampleId :
SB-3-7.0-8.0MS

Tgt Ion:	216	Resp:	377407
Ion	Ratio	Lower	Upper
216	100		
214	79.9	63.4	95.2
179	21.2	17.3	25.9
108	18.5	15.5	23.3



#40
Hexachlorocyclopentadiene
Concen: 46.89 ng
RT: 8.75 min Scan# 627
Delta R.T. -0.01 min
Lab File: BF090031.D
Acq: 8 Sep 2016 18:23

Tgt Ion:	237	Resp:	279145
Ion	Ratio	Lower	Upper
237	100		
235	62.7	39.6	79.6
272	11.8	0.0	34.6

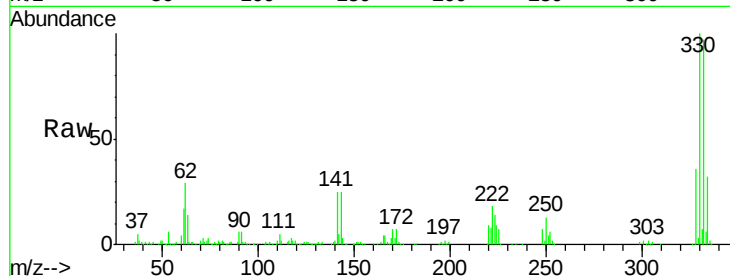




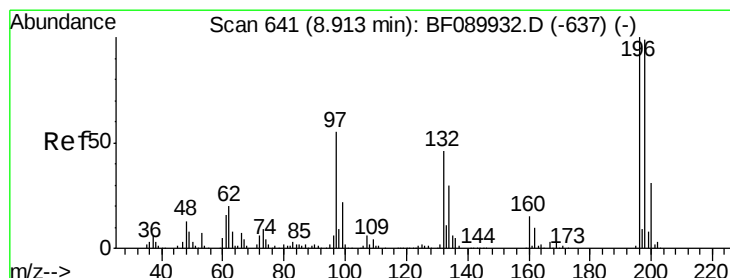
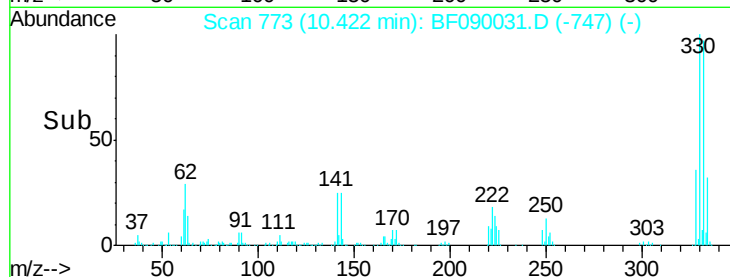
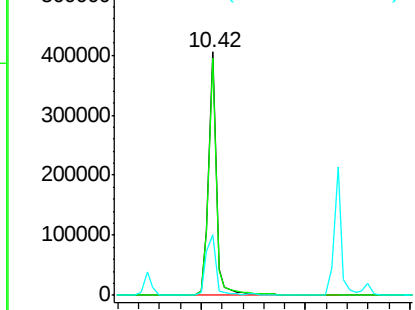
#41
 2,4,6-Tribromophenol
 Concen: 108.35 ng
 RT: 10.42 min Scan# 773
 Delta R.T. 0.00 min
 Lab File: BF090031.D
 Acq: 8 Sep 2016 18:23

Instrument :
 BNA_F
 ClientSampleId :
 SB-3-7.0-8.0MS

Tgt Ion:330 Resp: 423670
 Ion Ratio Lower Upper
 330 100
 332 97.7 78.6 117.8
 141 31.9 23.3 34.9

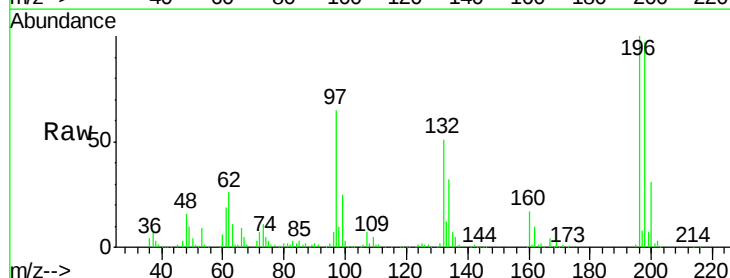


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

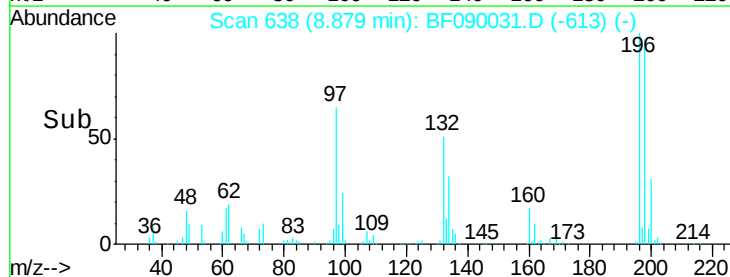
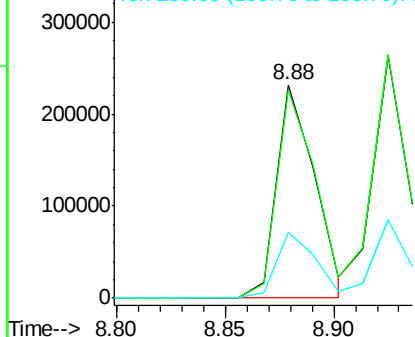


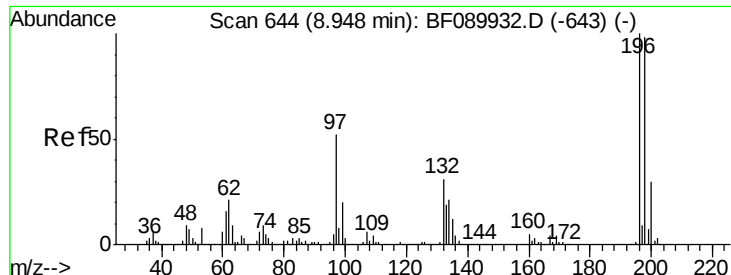
#42
 2,4,6-Trichlorophenol
 Concen: 35.45 ng
 RT: 8.88 min Scan# 638
 Delta R.T. -0.01 min
 Lab File: BF090031.D
 Acq: 8 Sep 2016 18:23

Tgt Ion:196 Resp: 285257
 Ion Ratio Lower Upper
 196 100
 198 97.1 78.3 117.5
 200 31.0 24.8 37.2



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

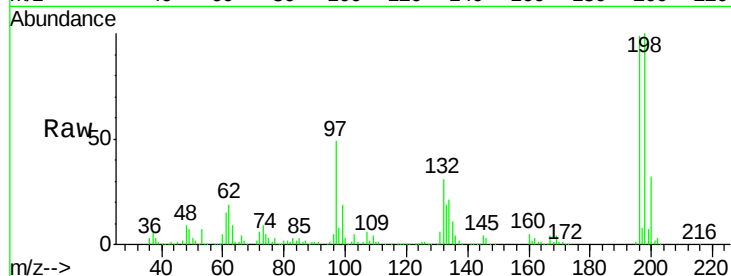




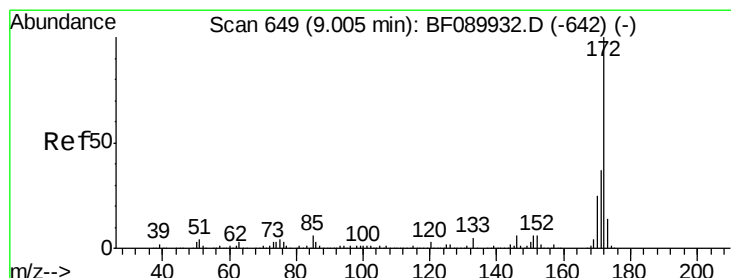
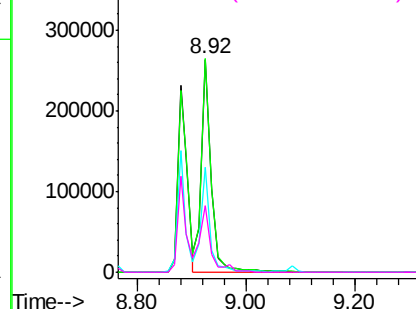
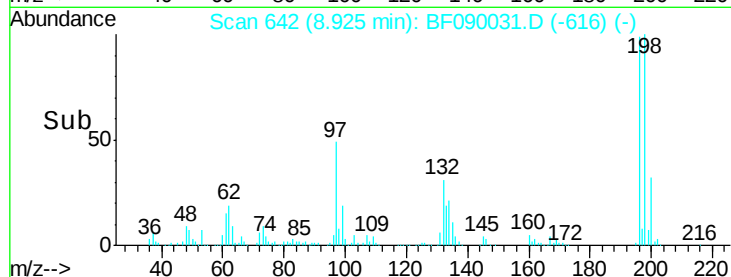
#43
 2,4,5-Trichlorophenol
 Concen: 42.03 ng
 RT: 8.92 min Scan# 642
 Delta R.T. 0.00 min
 Lab File: BF090031.D
 Acq: 8 Sep 2016 18:23

Instrument :
 BNA_F
 ClientSampleId :
 SB-3-7.0-8.0MS

Tgt Ion:196 Resp: 325194
 Ion Ratio Lower Upper
 196 100
 198 100.5 80.8 121.2
 97 49.3 44.2 66.4
 132 31.1 25.8 38.6

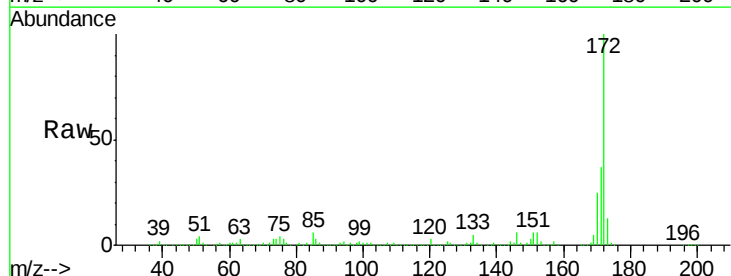


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

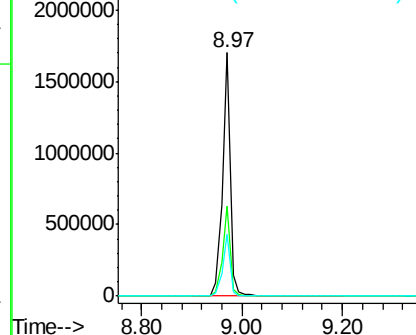
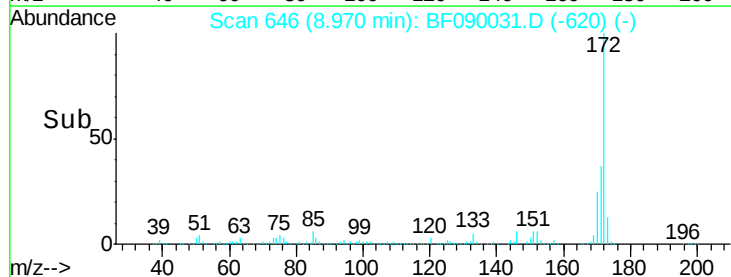


#44
 2-Fluorobiphenyl
 Concen: 75.66 ng
 RT: 8.97 min Scan# 646
 Delta R.T. 0.00 min
 Lab File: BF090031.D
 Acq: 8 Sep 2016 18:23

Tgt Ion:172 Resp: 1826841
 Ion Ratio Lower Upper
 172 100
 171 36.9 29.4 44.2
 170 25.3 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

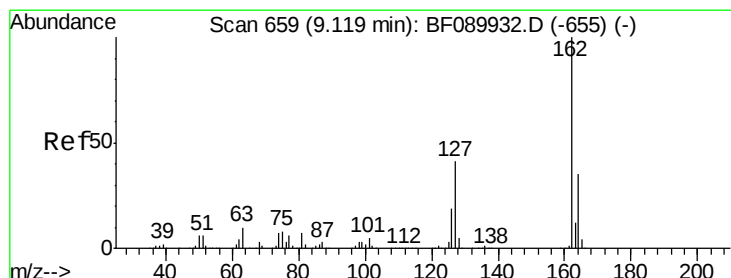
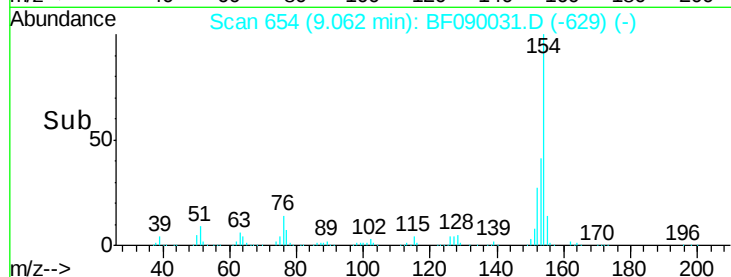
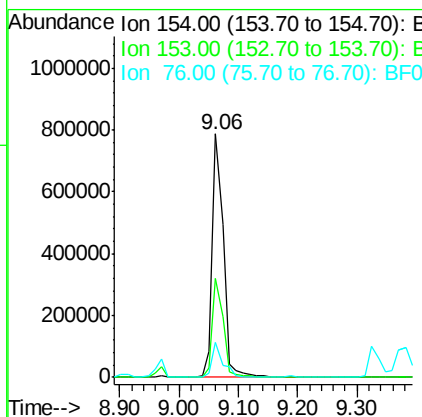
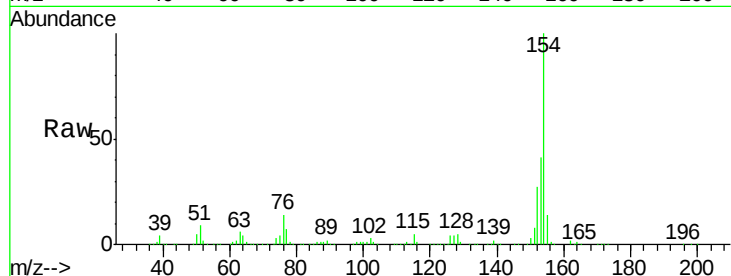




#45
 1,1'-Biphenyl
 Concen: 31.73 ng
 RT: 9.06 min Scan# 654
 Delta R.T. -0.01 min
 Lab File: BF090031.D
 Acq: 8 Sep 2016 18:23

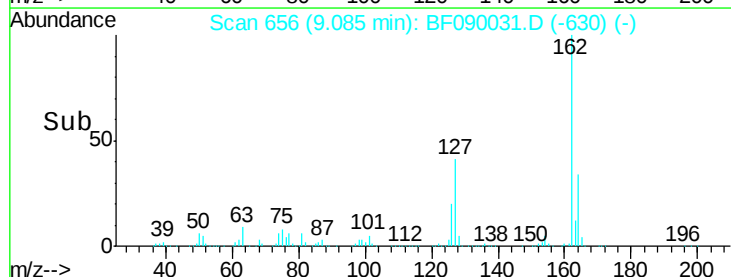
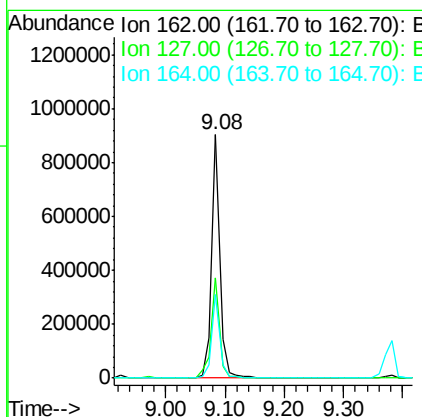
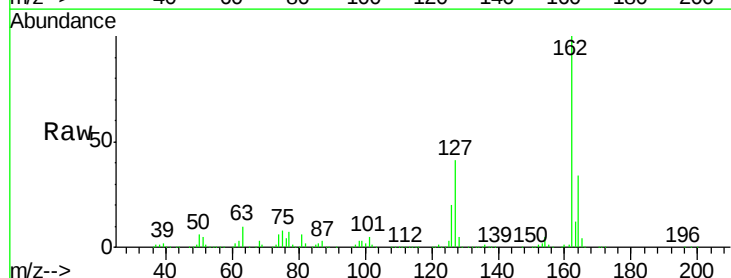
Instrument :
 BNA_F
 ClientSampleId :
 SB-3-7.0-8.0MS

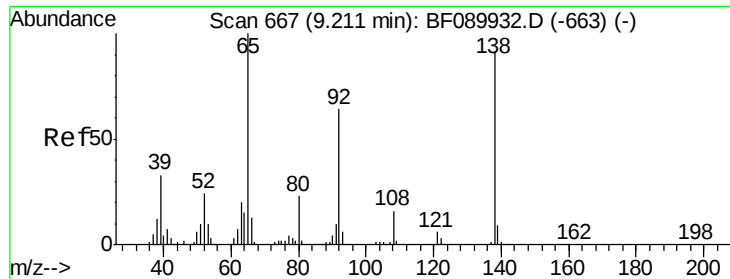
Tgt Ion:154 Resp: 1012607
 Ion Ratio Lower Upper
 154 100
 153 40.6 20.6 60.6
 76 14.2 0.0 34.9



#46
 2-Chloronaphthalene
 Concen: 38.50 ng
 RT: 9.08 min Scan# 656
 Delta R.T. 0.00 min
 Lab File: BF090031.D
 Acq: 8 Sep 2016 18:23

Tgt Ion:162 Resp: 869095
 Ion Ratio Lower Upper
 162 100
 127 41.4 33.5 50.3
 164 34.4 28.2 42.4





#47

2-Nitroaniline

Concen: 40.93 ng

RT: 9.19 min Scan# 665

Delta R.T. 0.00 min

Lab File: BF090031.D

Acq: 8 Sep 2016 18:23

Instrument :

BNA_F

ClientSampleId :

SB-3-7.0-8.0MS

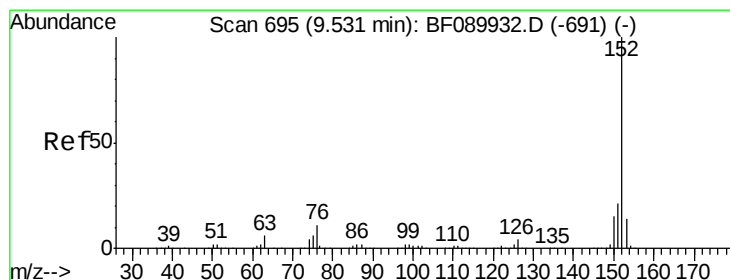
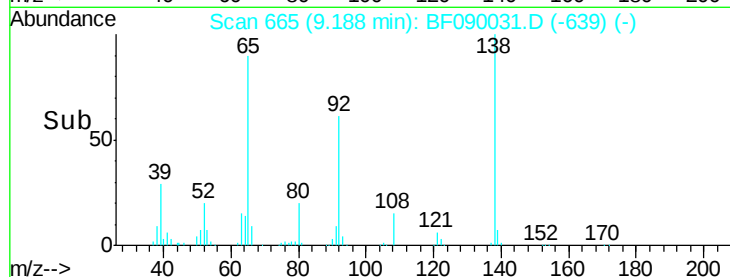
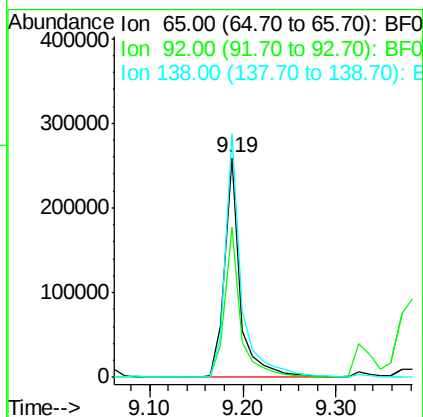
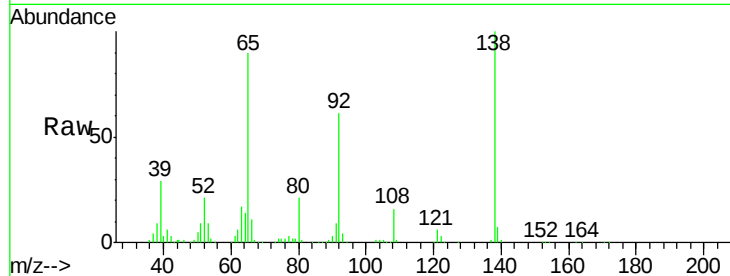
Tgt Ion: 65 Resp: 302071

Ion Ratio Lower Upper

65 100

92 68.1 52.0 78.0

138 110.7 72.1 108.1#



#48

Acenaphthylene

Concen: 36.84 ng

RT: 9.50 min Scan# 692

Delta R.T. 0.00 min

Lab File: BF090031.D

Acq: 8 Sep 2016 18:23

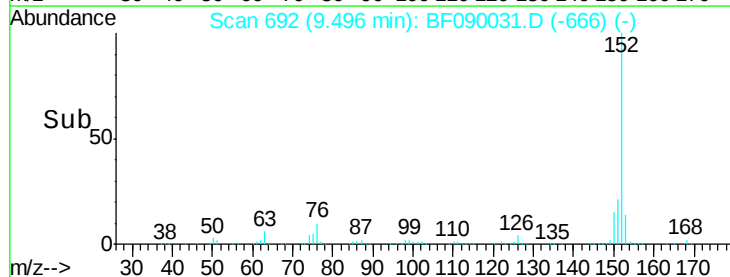
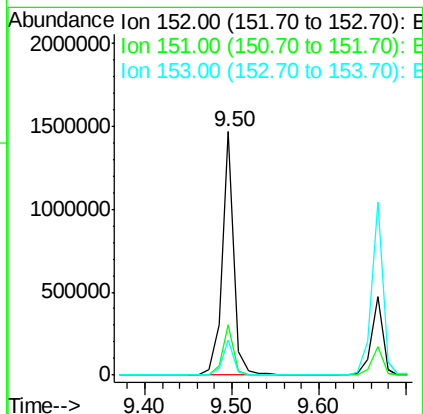
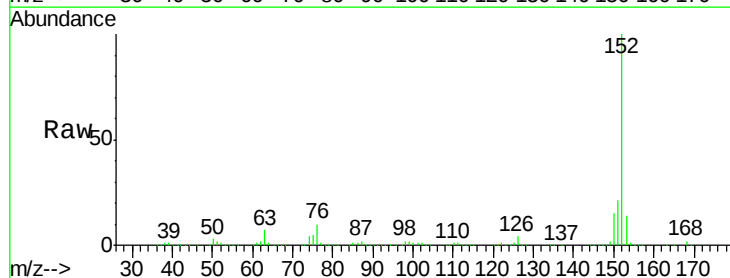
Tgt Ion: 152 Resp: 1375115

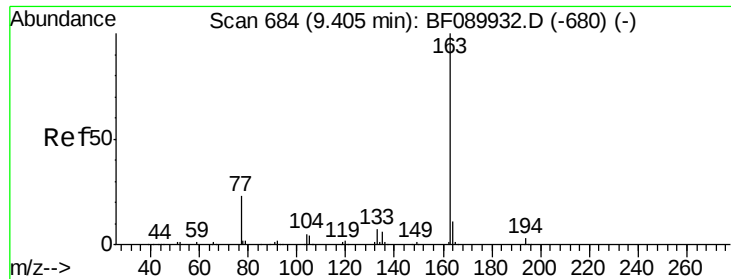
Ion Ratio Lower Upper

152 100

151 20.9 16.7 25.1

153 14.2 11.6 17.4

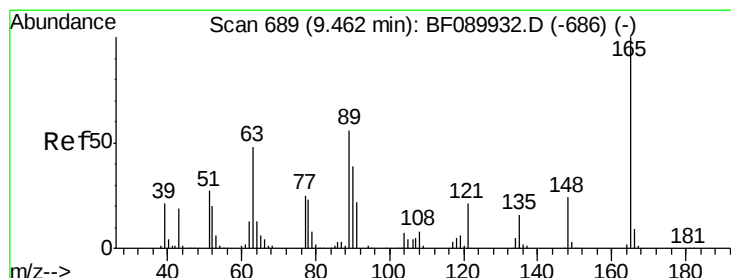
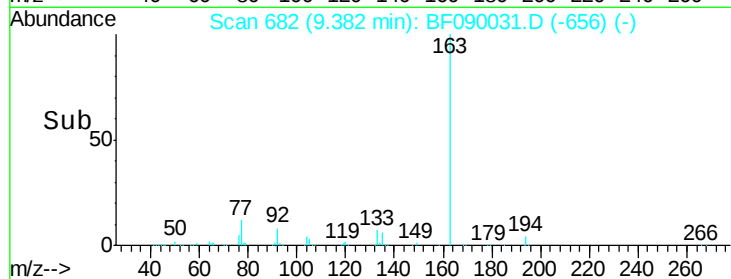
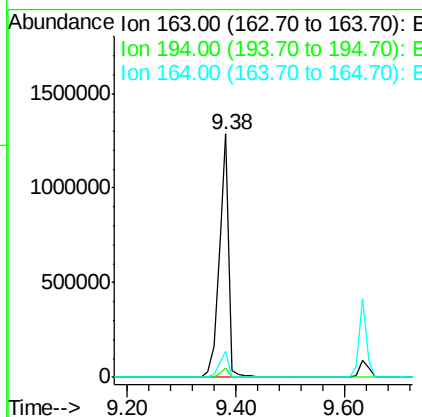
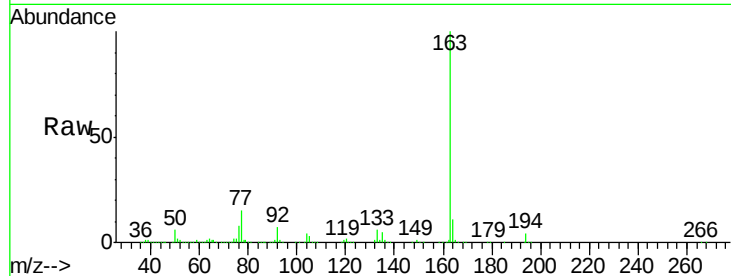




#49
 Dimethylphthalate
 Concen: 55.52 ng
 RT: 9.38 min Scan# 682
 Delta R.T. 0.00 min
 Lab File: BF090031.D
 Acq: 8 Sep 2016 18:23

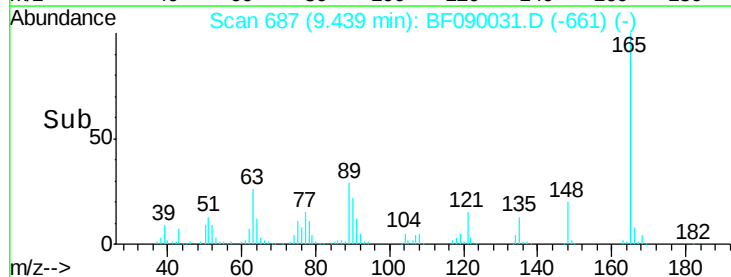
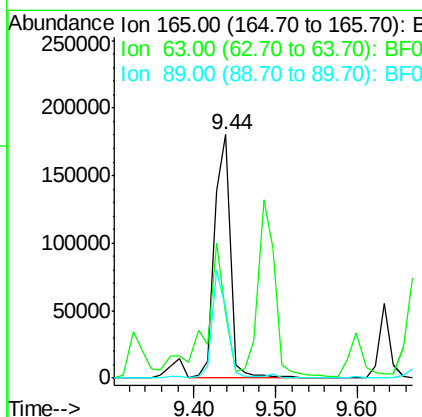
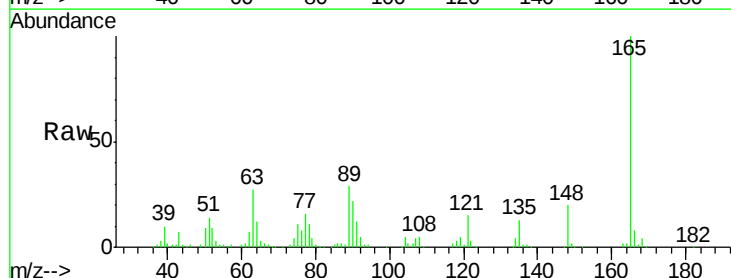
Instrument :
 BNA_F
 ClientSampleId :
 SB-3-7.0-8.0MS

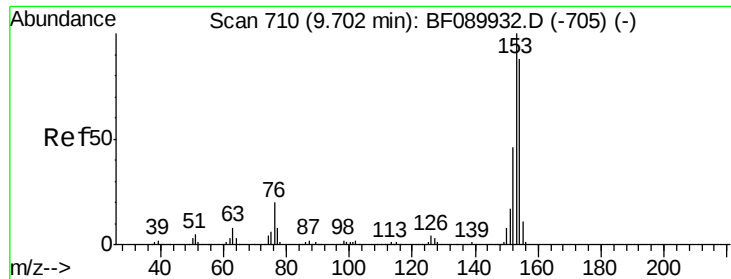
Tgt Ion:163 Resp: 1590576
 Ion Ratio Lower Upper
 163 100
 194 3.9 2.7 4.1
 164 10.7 9.0 13.4



#50
 2,6-Dinitrotoluene
 Concen: 38.44 ng
 RT: 9.44 min Scan# 687
 Delta R.T. 0.00 min
 Lab File: BF090031.D
 Acq: 8 Sep 2016 18:23

Tgt Ion:165 Resp: 244934
 Ion Ratio Lower Upper
 165 100
 63 26.5 45.0 67.4#
 89 28.8 41.5 62.3#

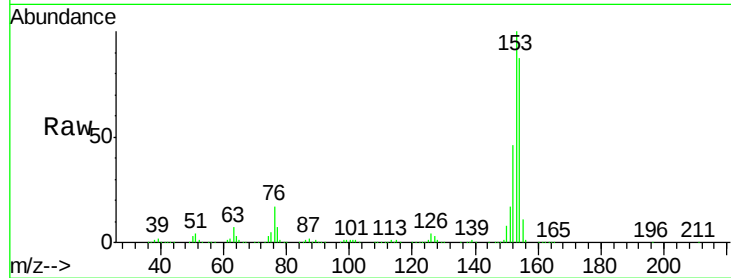




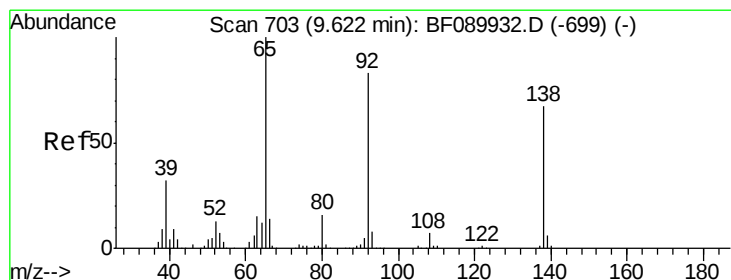
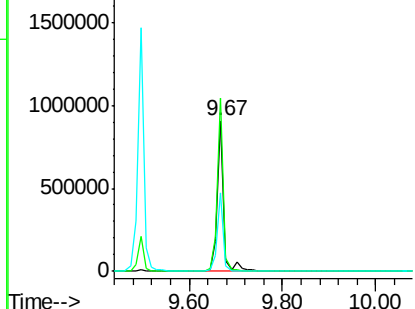
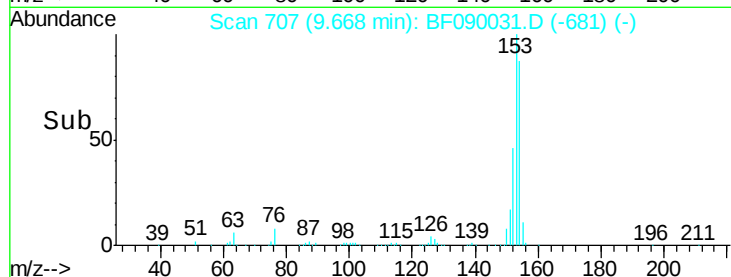
#51
Acenaphthene
Concen: 37.63 ng
RT: 9.67 min Scan# 707
Delta R.T. 0.00 min
Lab File: BF090031.D
Acq: 8 Sep 2016 18:23

Instrument :
BNA_F
ClientSampleId :
SB-3-7.0-8.0MS

Tgt Ion:154 Resp: 889958
Ion Ratio Lower Upper
154 100
153 114.5 90.6 135.8
152 52.3 42.4 63.6

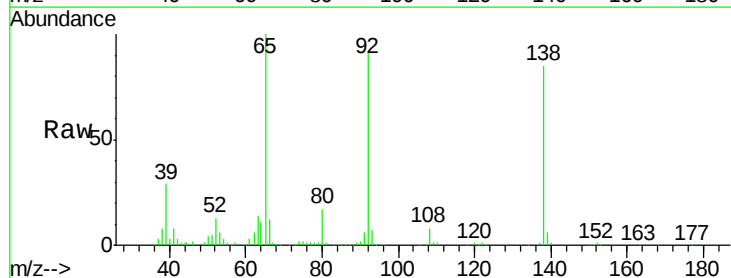


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

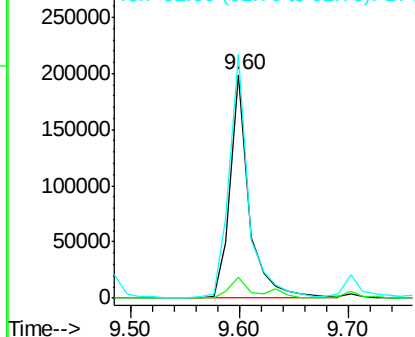
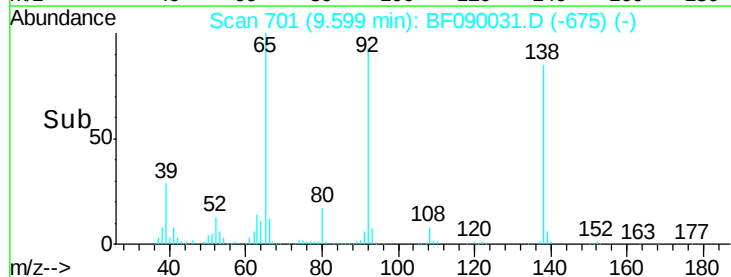


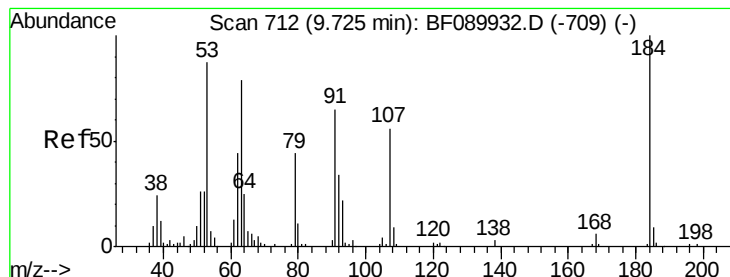
#52
3-Nitroaniline
Concen: 33.15 ng
RT: 9.60 min Scan# 701
Delta R.T. 0.00 min
Lab File: BF090031.D
Acq: 8 Sep 2016 18:23

Tgt Ion:138 Resp: 240885
Ion Ratio Lower Upper
138 100
108 9.4 8.3 12.5
92 109.1 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: 35.39 ng

RT: 9.70 min Scan# 710

Delta R.T. 0.00 min

Lab File: BF090031.D

Acq: 8 Sep 2016 18:23

Instrument :

BNA_F

ClientSampleId :

SB-3-7.0-8.0MS

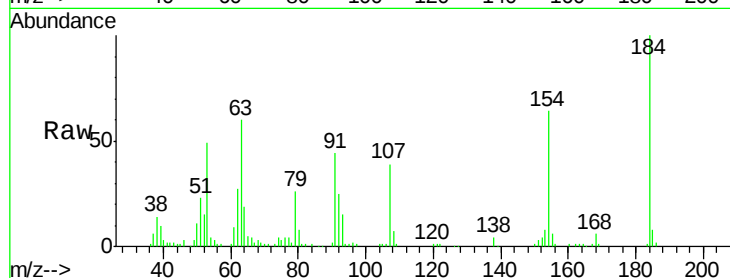
Tgt Ion:184 Resp: 105497

Ion Ratio Lower Upper

184 100

63 59.6 73.9 110.9#

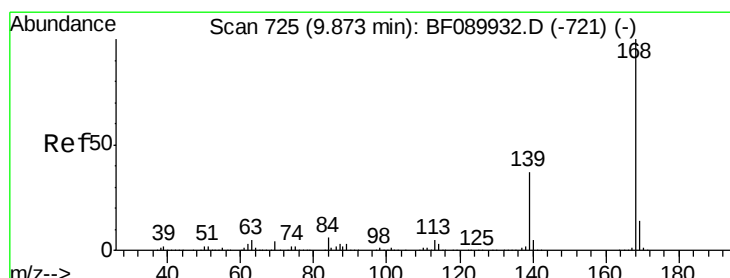
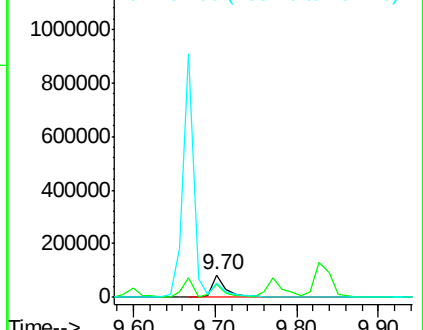
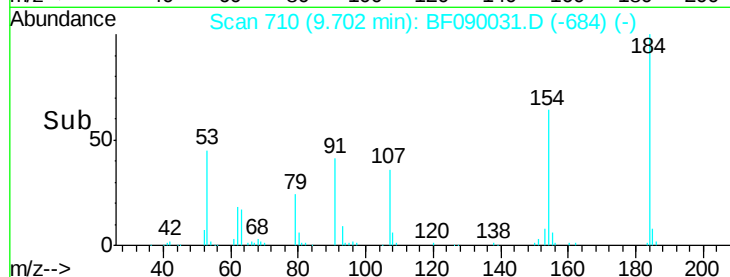
154 64.4 53.5 80.3



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: 39.14 ng

RT: 9.84 min Scan# 722

Delta R.T. 0.00 min

Lab File: BF090031.D

Acq: 8 Sep 2016 18:23

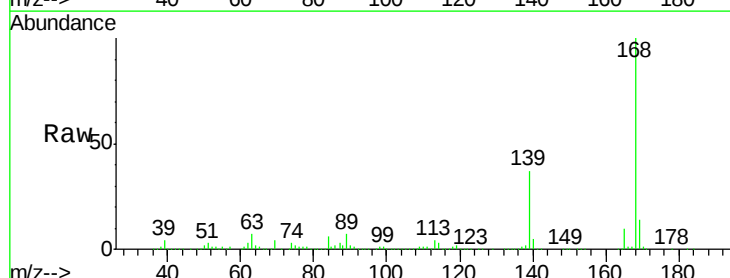
Tgt Ion:168 Resp: 1240485

Ion Ratio Lower Upper

168 100

139 37.1 29.5 44.3

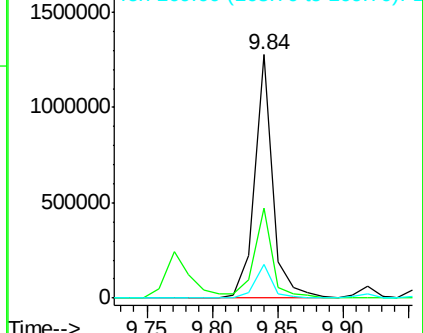
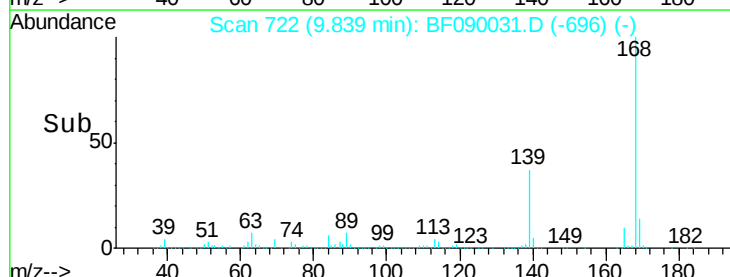
169 13.7 10.8 16.2



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: 63.51 ng

RT: 9.77 min Scan# 716

Delta R.T. 0.00 min

Lab File: BF090031.D

Acq: 8 Sep 2016 18:23

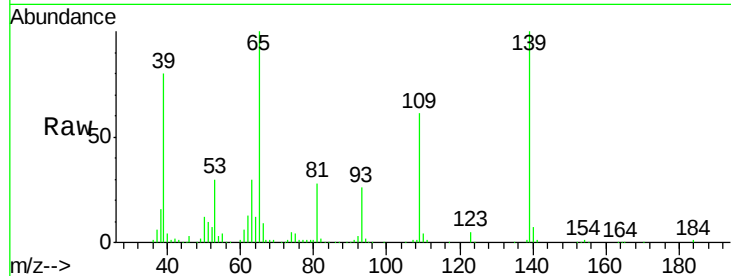
Instrument :

BNA_F

ClientSampleId :

SB-3-7.0-8.0MS

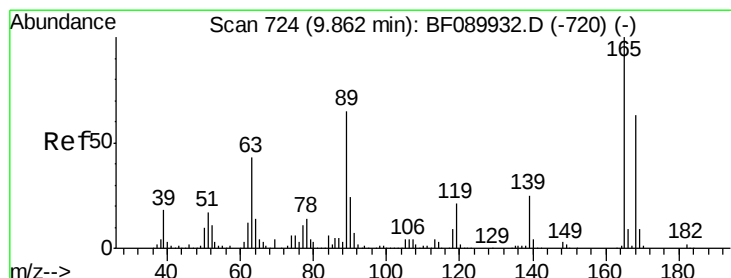
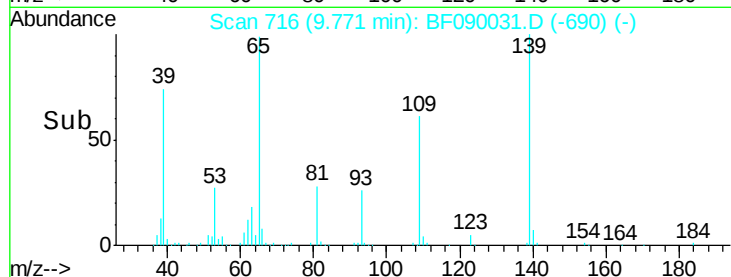
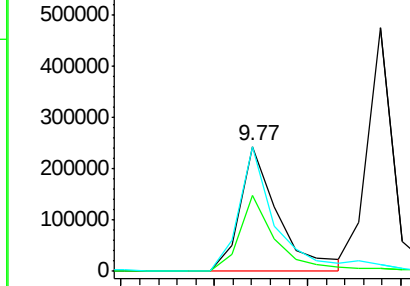
Tgt Ion:	139	Resp:	348130
Ion Ratio	Lower	Upper	
139	100		
109	60.7	31.3	71.3
65	99.5	38.5	78.5#



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: 34.72 ng

RT: 9.83 min Scan# 721

Delta R.T. 0.00 min

Lab File: BF090031.D

Acq: 8 Sep 2016 18:23

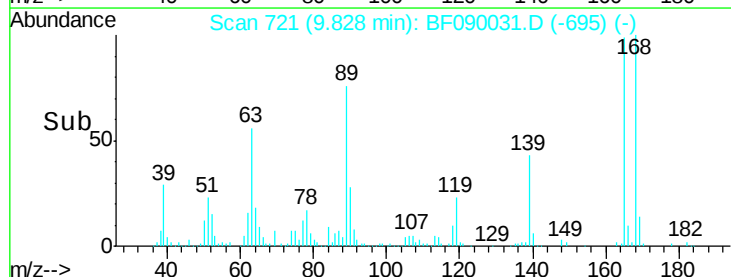
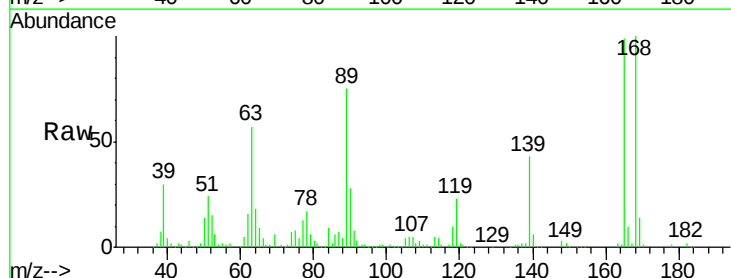
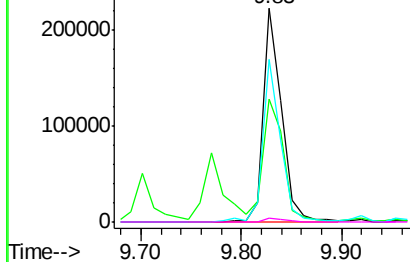
Tgt Ion:	165	Resp:	280550
Ion Ratio	Lower	Upper	
165	100		
63	57.8	32.5	48.7#
89	75.9	48.3	72.5#
182	2.0	1.7	2.5

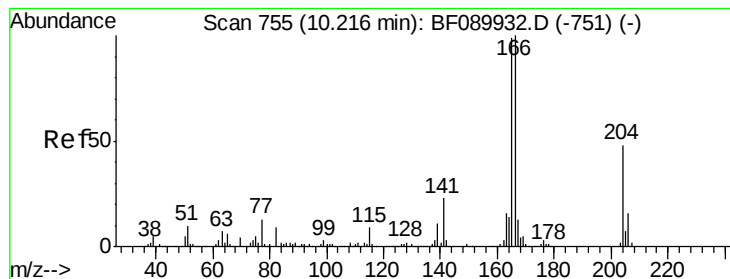
Abundance Ion 165.00 (164.70 to 165.70): E

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: 41.41 ng

RT: 10.18 min Scan# 752

Delta R.T. 0.00 min

Lab File: BF090031.D

Acq: 8 Sep 2016 18:23

Instrument :

BNA_F

ClientSampleId :

SB-3-7.0-8.0MS

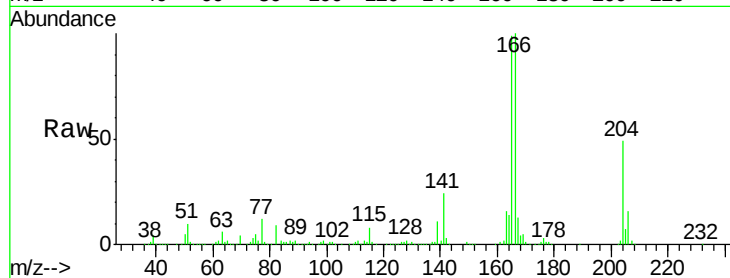
Tgt Ion:166 Resp: 958860

Ion Ratio Lower Upper

166 100

165 99.2 78.6 118.0

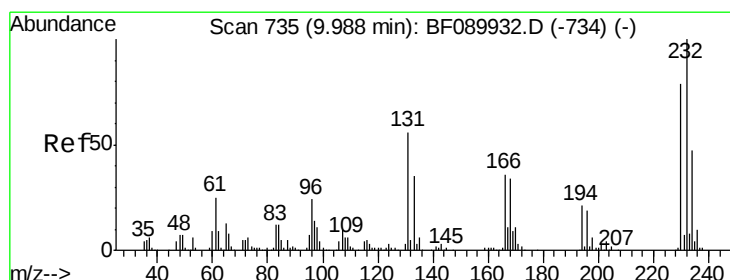
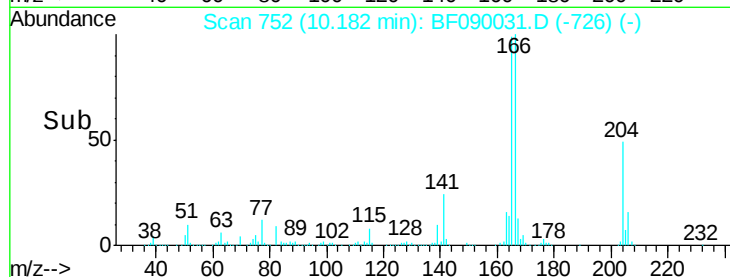
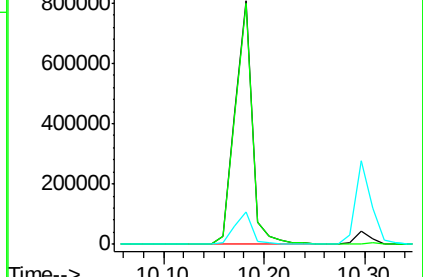
167 13.2 10.6 15.8



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: 42.20 ng

RT: 9.96 min Scan# 733

Delta R.T. 0.00 min

Lab File: BF090031.D

Acq: 8 Sep 2016 18:23

Tgt Ion:232 Resp: 279533

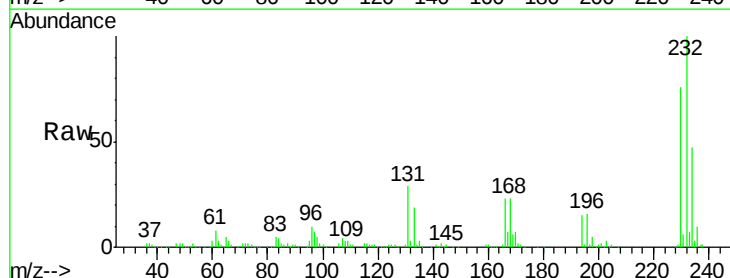
Ion Ratio Lower Upper

232 100

131 39.9 36.3 54.5

130 1.8 1.7 2.5

166 27.4 24.4 36.6

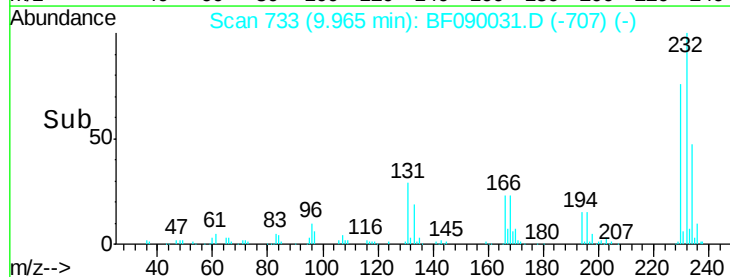
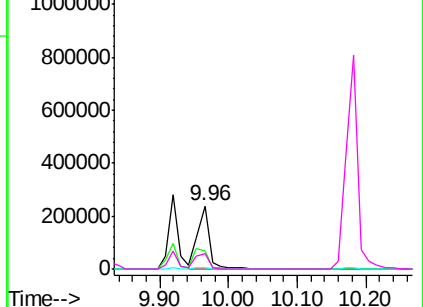


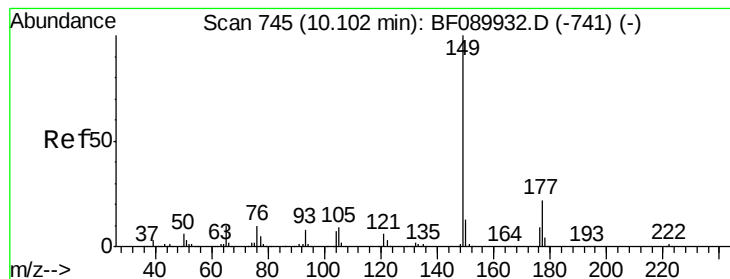
Abundance Ion 232.00 (231.70 to 232.70): E

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: 37.15 ng

RT: 10.07 min Scan# 742

Delta R.T. 0.00 min

Lab File: BF090031.D

Acq: 8 Sep 2016 18:23

Instrument :

BNA_F

ClientSampleId :

SB-3-7.0-8.0MS

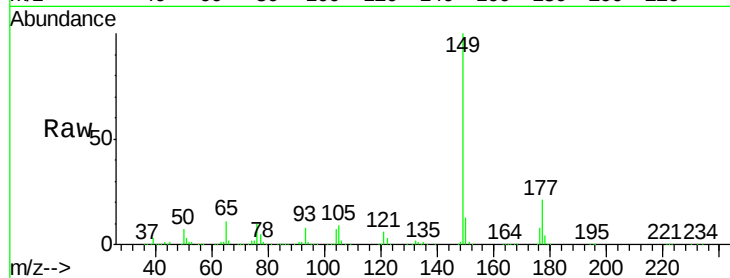
Tgt Ion:149 Resp: 1001083

Ion Ratio Lower Upper

149 100

177 21.3 17.7 26.5

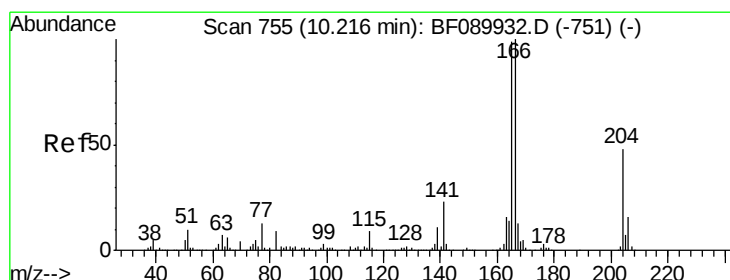
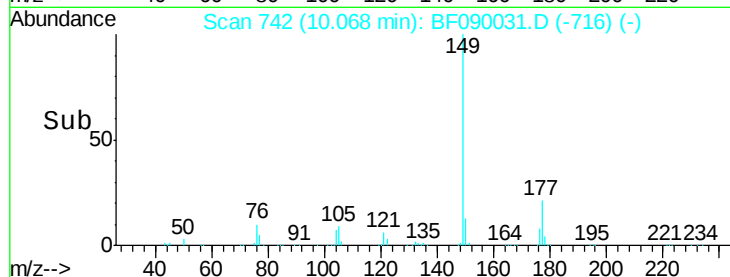
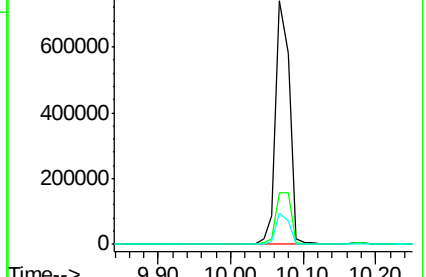
150 12.8 10.2 15.2



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: 41.12 ng

RT: 10.18 min Scan# 752

Delta R.T. 0.00 min

Lab File: BF090031.D

Acq: 8 Sep 2016 18:23

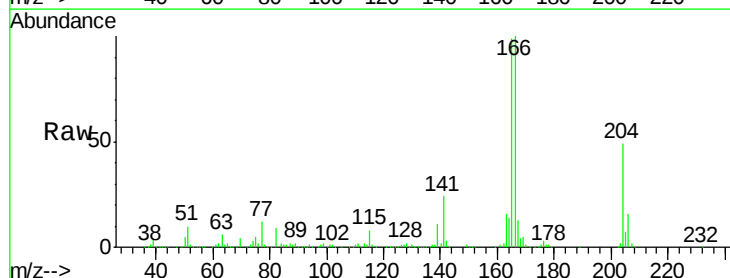
Tgt Ion:204 Resp: 448158

Ion Ratio Lower Upper

204 100

206 32.2 26.6 40.0

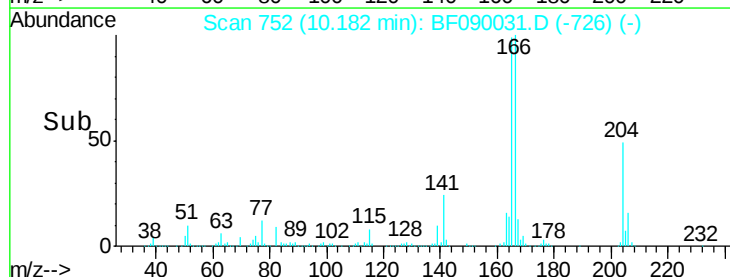
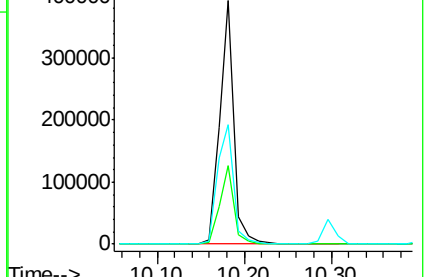
141 48.8 36.5 54.7

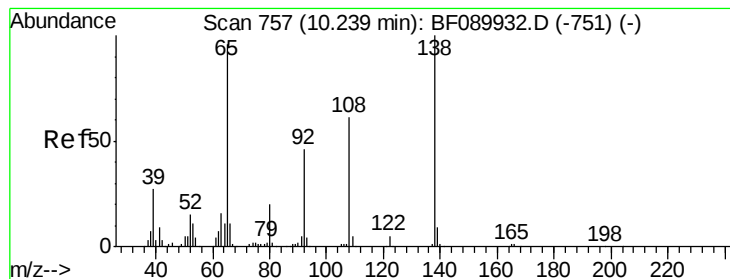


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 34.10 ng

RT: 10.20 min Scan# 754

Delta R.T. -0.01 min

Lab File: BF090031.D

Acq: 8 Sep 2016 18:23

Instrument :

BNA_F

ClientSampleId :

SB-3-7.0-8.0MS

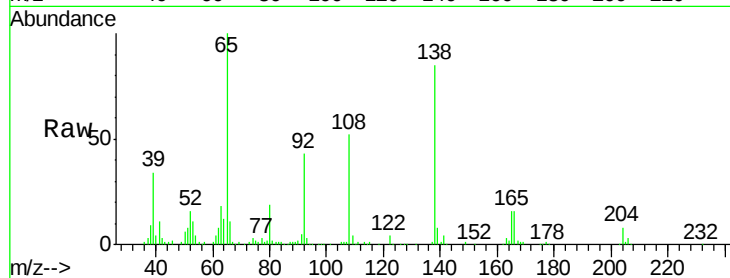
Tgt Ion:138 Resp: 243473

Ion Ratio Lower Upper

138 100

92 50.8 21.2 61.2

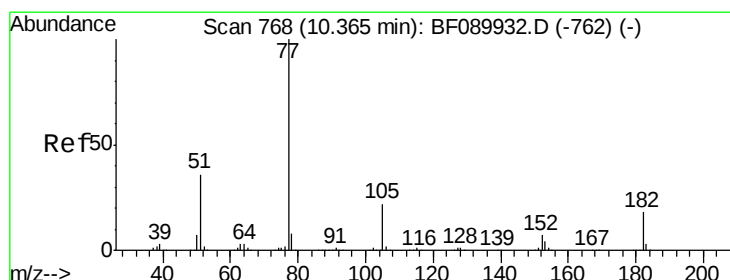
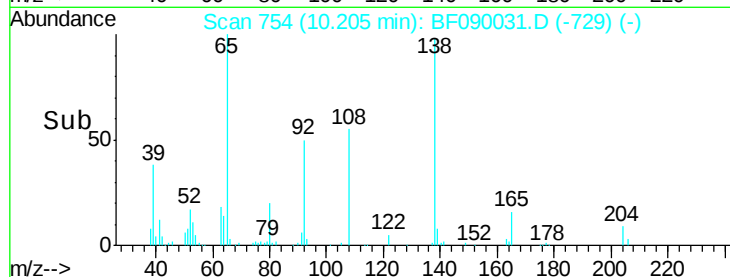
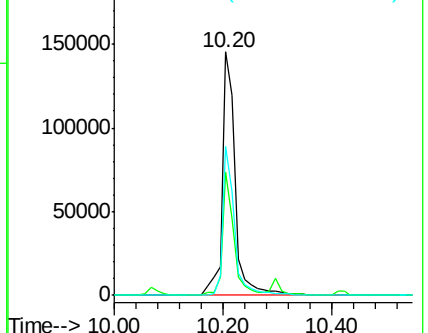
108 61.1 37.7 77.7



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: 37.22 ng

RT: 10.33 min Scan# 765

Delta R.T. -0.01 min

Lab File: BF090031.D

Acq: 8 Sep 2016 18:23

Tgt Ion: 77 Resp: 1001781

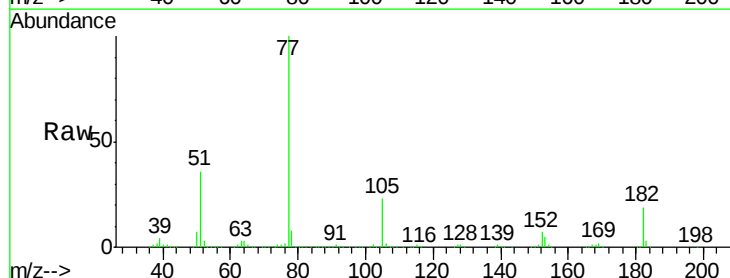
Ion Ratio Lower Upper

77 100

182 19.2 0.0 38.6

105 22.7 2.3 42.3

51 35.6 15.1 55.1

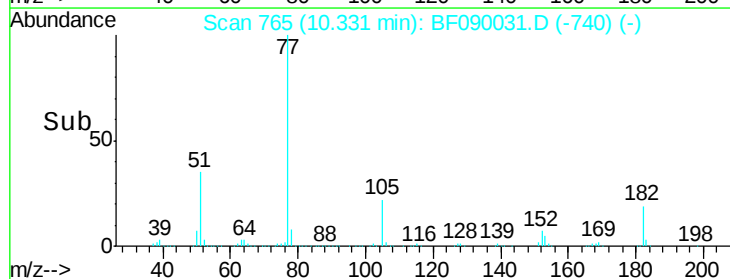
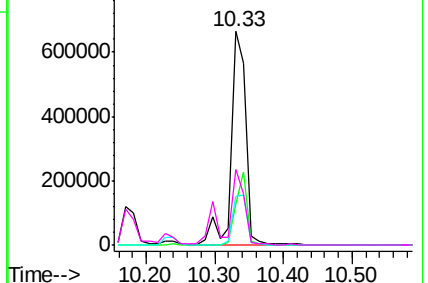


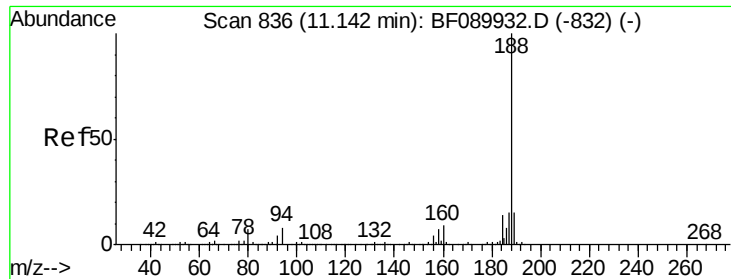
Abundance Ion 77.00 (76.70 to 77.70): BF0

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

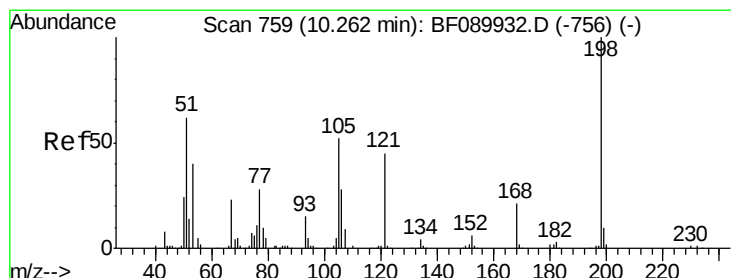
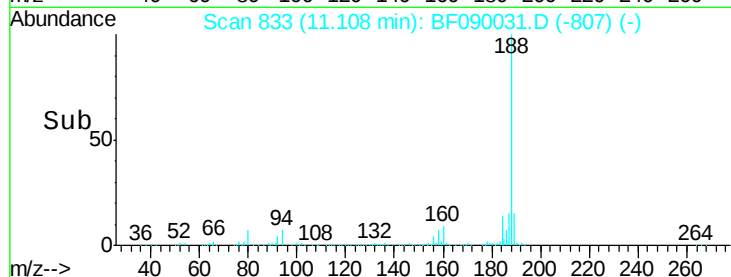
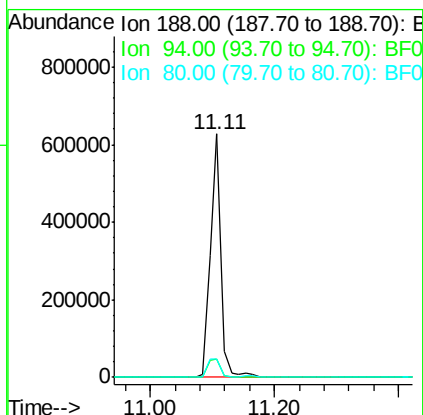
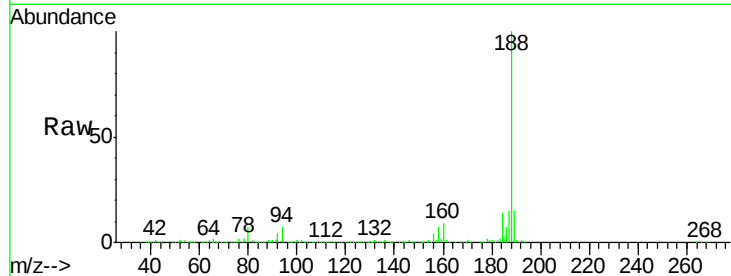




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.11 min Scan# 833
Delta R.T. 0.00 min
Lab File: BF090031.D
Acq: 8 Sep 2016 18:23

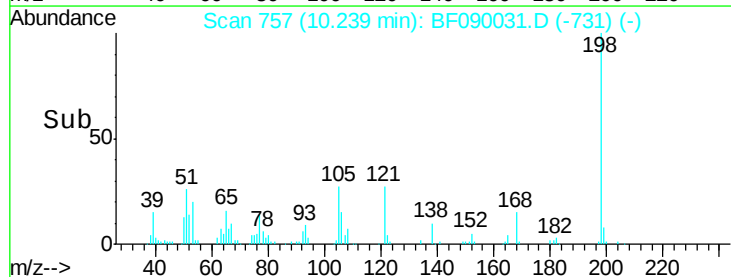
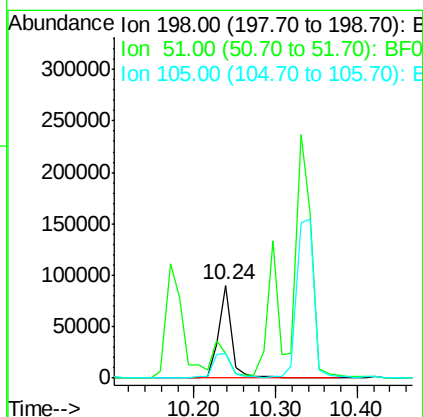
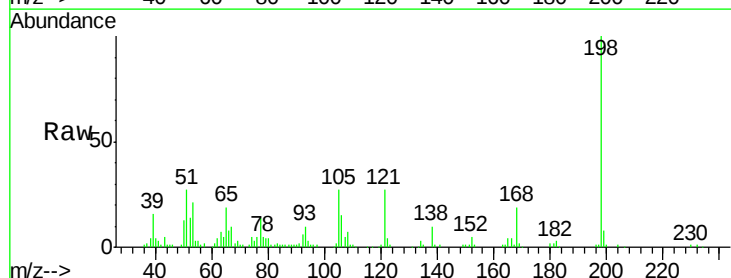
Instrument :
BNA_F
ClientSampleId :
SB-3-7.0-8.0MS

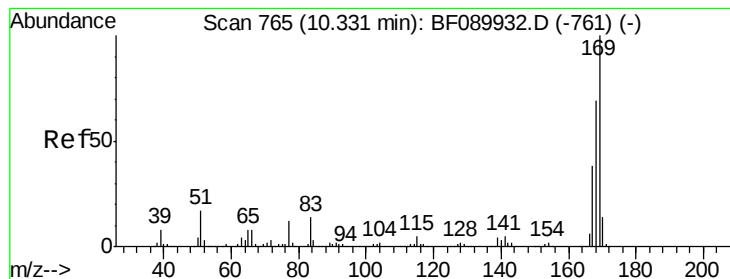
Tgt Ion:188 Resp: 731305
Ion Ratio Lower Upper
188 100
94 7.3 5.9 8.9
80 7.4 5.8 8.8



#64
4,6-Dinitro-2-methylphenol
Concen: 21.79 ng
RT: 10.24 min Scan# 757
Delta R.T. 0.00 min
Lab File: BF090031.D
Acq: 8 Sep 2016 18:23

Tgt Ion:198 Resp: 102005
Ion Ratio Lower Upper
198 100
51 26.8 43.0 83.0#
105 27.1 30.3 70.3#





#65

n-Nitrosodiphenylamine

Concen: 37.74 ng

RT: 10.30 min Scan# 762

Delta R.T. 0.00 min

Lab File: BF090031.D

Acq: 8 Sep 2016 18:23

Instrument :

BNA_F

ClientSampleId :

SB-3-7.0-8.0MS

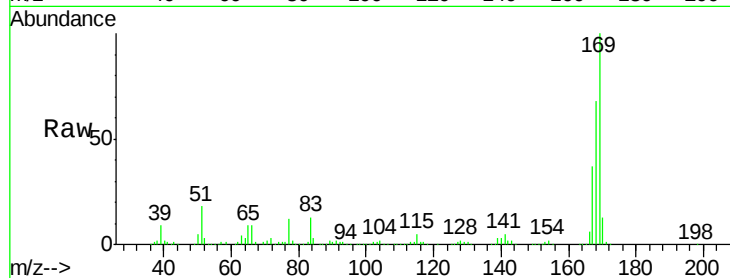
Tgt Ion:169 Resp: 829681

Ion Ratio Lower Upper

169 100

168 68.1 55.0 82.4

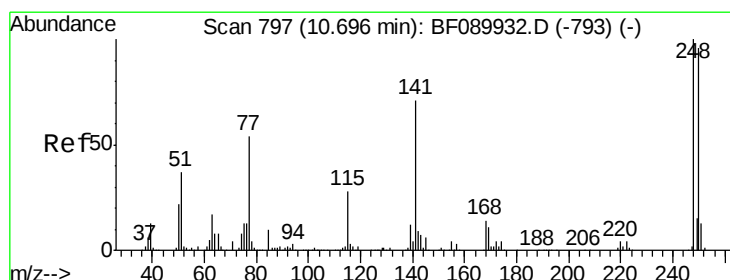
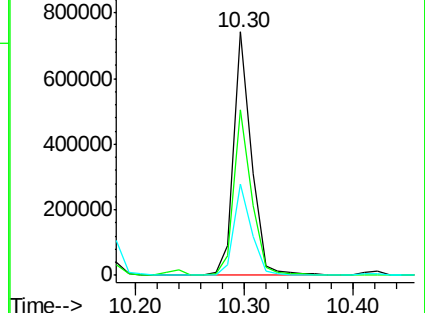
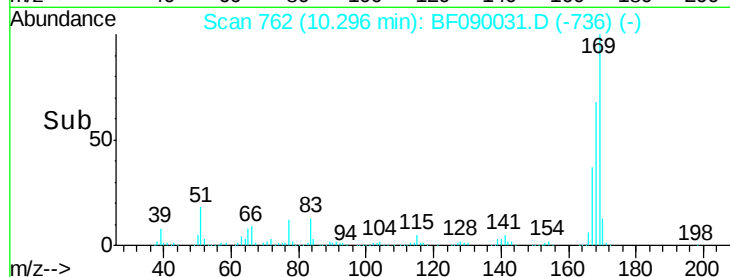
167 37.3 30.5 45.7



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: 42.10 ng

RT: 10.66 min Scan# 794

Delta R.T. 0.00 min

Lab File: BF090031.D

Acq: 8 Sep 2016 18:23

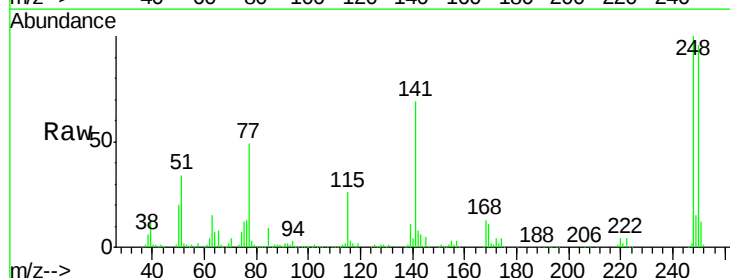
Tgt Ion:248 Resp: 309955

Ion Ratio Lower Upper

248 100

250 95.6 77.3 115.9

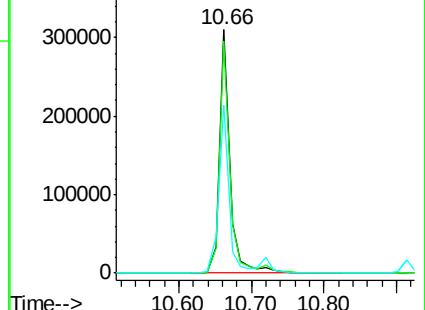
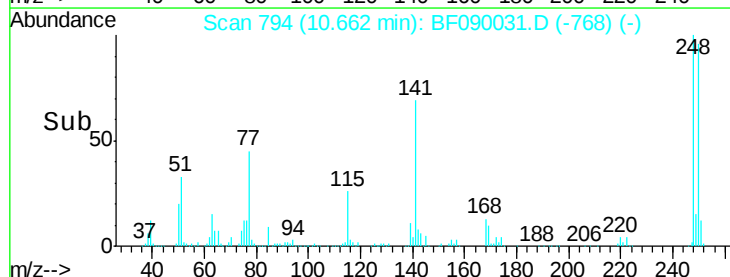
141 69.1 55.8 83.8

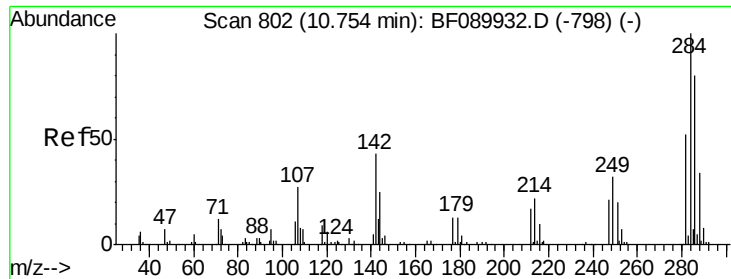


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

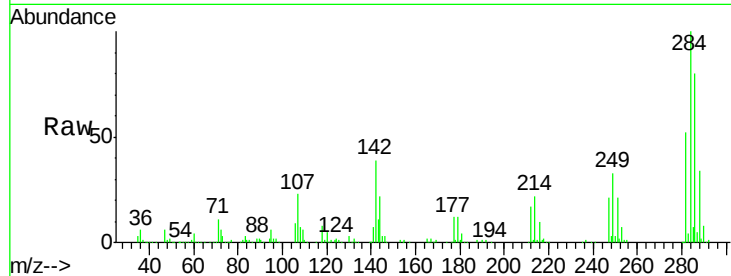




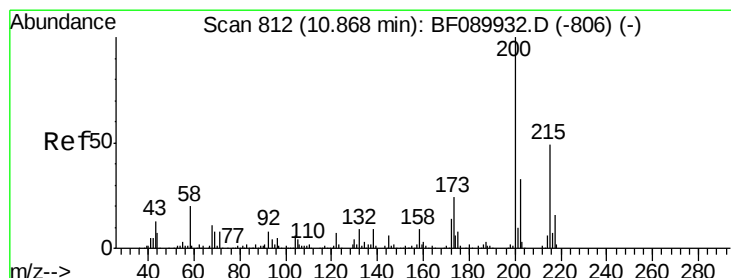
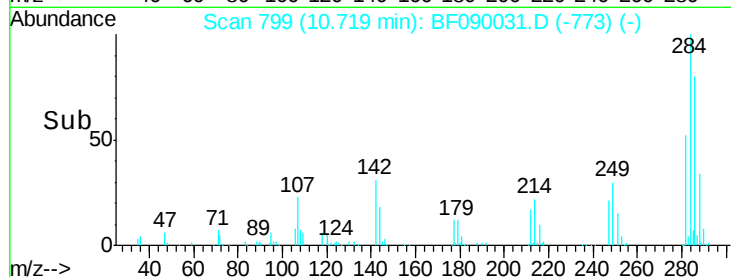
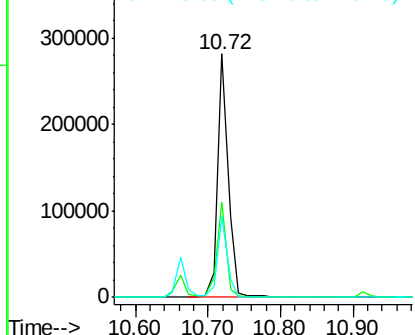
#67
Hexachlorobenzene
Concen: 34.02 ng
RT: 10.72 min Scan# 799
Delta R.T. 0.00 min
Lab File: BF090031.D
Acq: 8 Sep 2016 18:23

Instrument :
BNA_F
ClientSampleId :
SB-3-7.0-8.0MS

Tgt Ion: 284 Resp: 286082
Ion Ratio Lower Upper
284 100
142 38.8 32.7 49.1
249 33.3 26.9 40.3

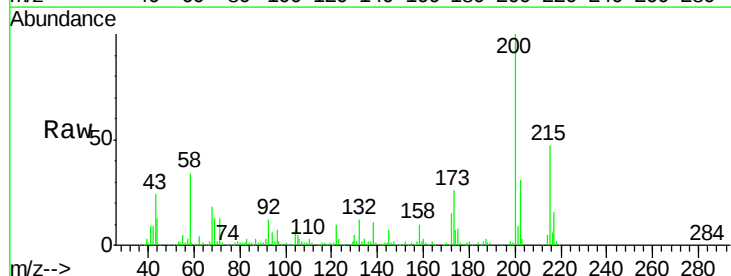


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

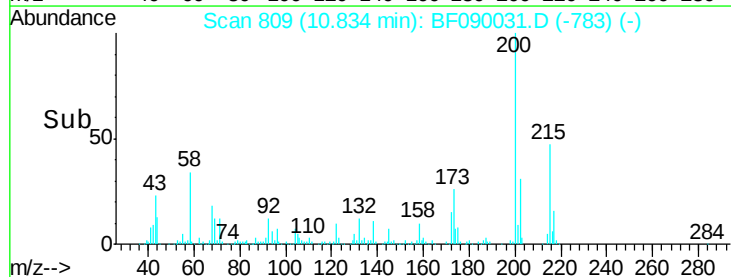
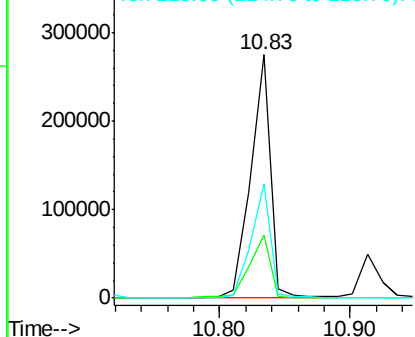


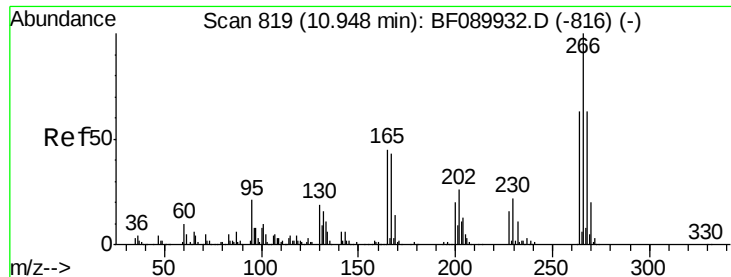
#68
Atrazine
Concen: 39.68 ng
RT: 10.83 min Scan# 809
Delta R.T. 0.00 min
Lab File: BF090031.D
Acq: 8 Sep 2016 18:23

Tgt Ion: 200 Resp: 291245
Ion Ratio Lower Upper
200 100
173 25.9 9.4 49.4
215 47.2 24.5 64.5



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

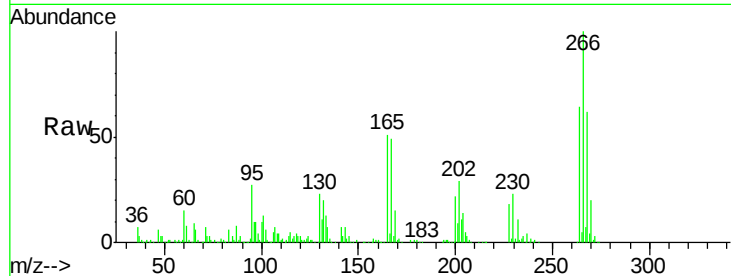




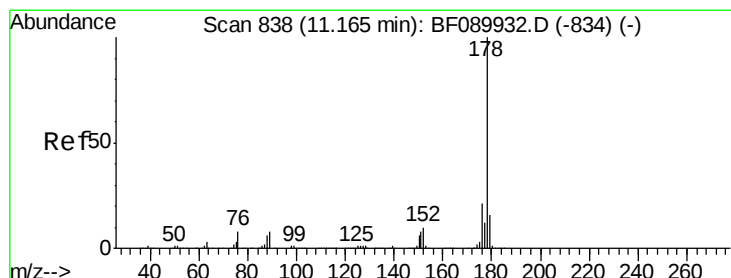
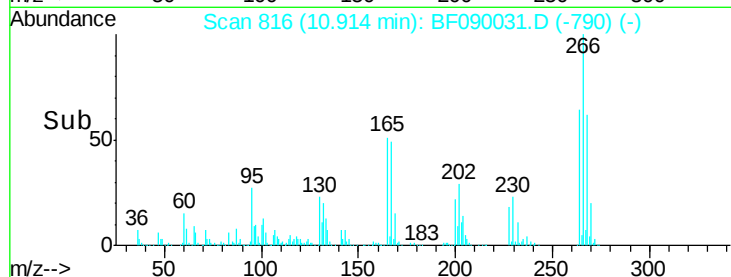
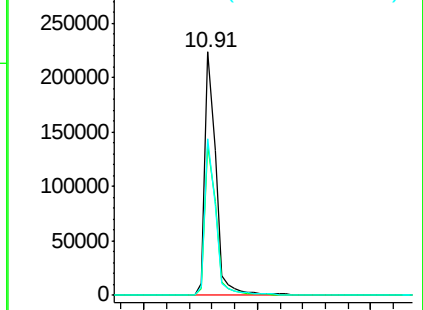
#69
 Pentachlorophenol
 Concen: 64.26 ng
 RT: 10.91 min Scan# 816
 Delta R.T. 0.00 min
 Lab File: BF090031.D
 Acq: 8 Sep 2016 18:23

Instrument :
 BNA_F
 ClientSampleId :
 SB-3-7.0-8.0MS

Tgt Ion:266 Resp: 290744
 Ion Ratio Lower Upper
 266 100
 268 61.7 51.0 76.6
 264 64.1 50.6 75.8

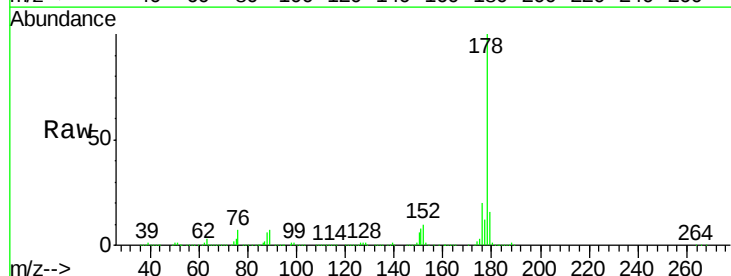


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

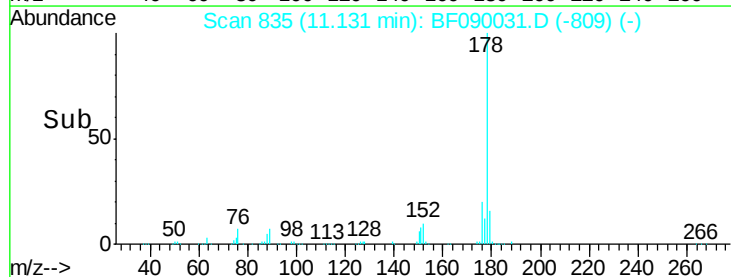
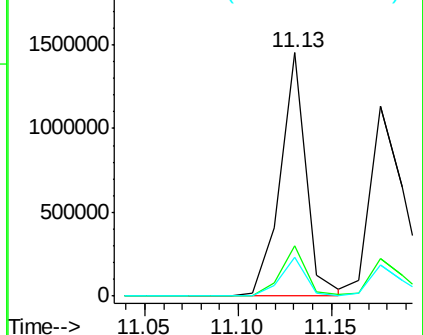


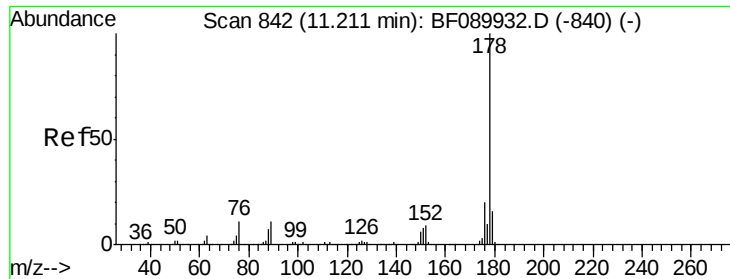
#70
 Phenanthrene
 Concen: 38.35 ng
 RT: 11.13 min Scan# 835
 Delta R.T. 0.00 min
 Lab File: BF090031.D
 Acq: 8 Sep 2016 18:23

Tgt Ion:178 Resp: 1396696
 Ion Ratio Lower Upper
 178 100
 176 20.5 16.5 24.7
 179 16.0 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

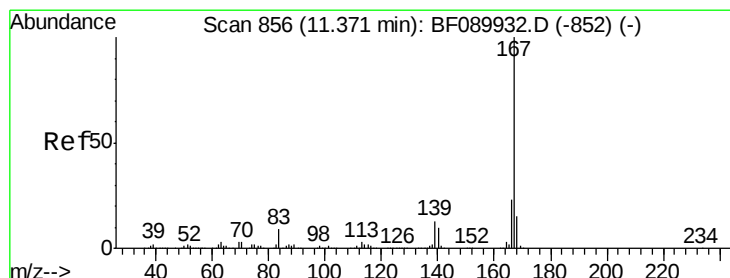
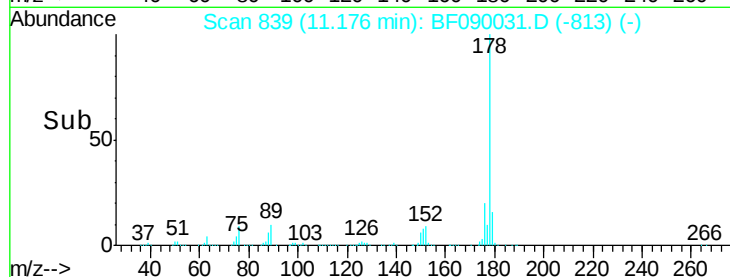
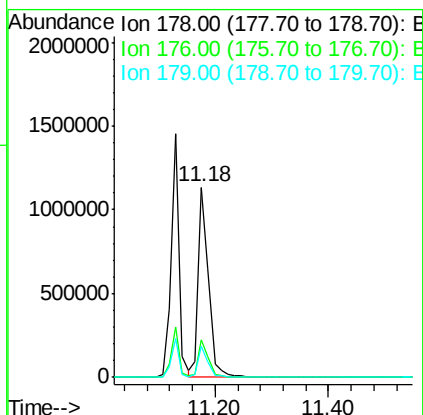
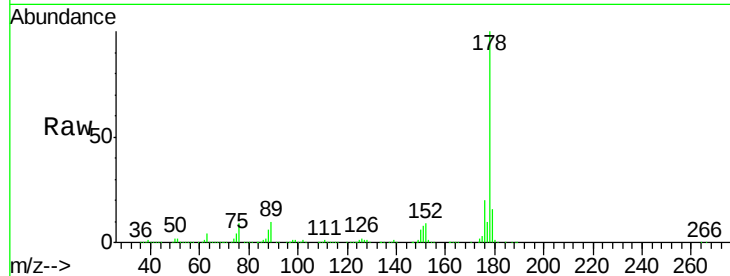




#71
 Anthracene
 Concen: 38.17 ng
 RT: 11.18 min Scan# 839
 Delta R.T. 0.00 min
 Lab File: BF090031.D
 Acq: 8 Sep 2016 18:23

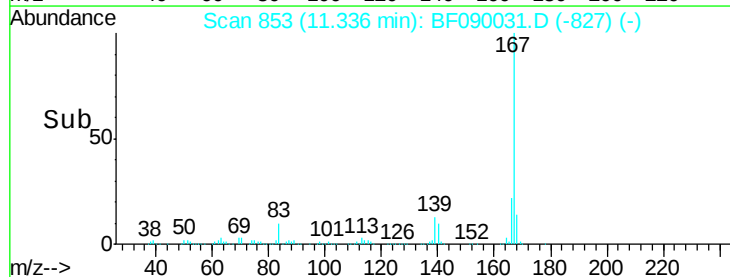
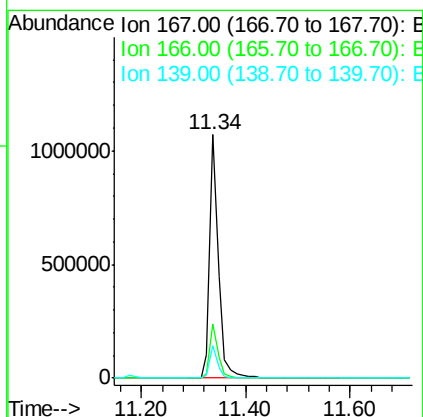
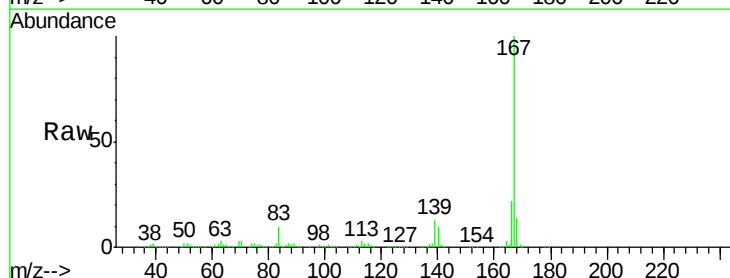
Instrument :
 BNA_F
 ClientSampleId :
 SB-3-7.0-8.0MS

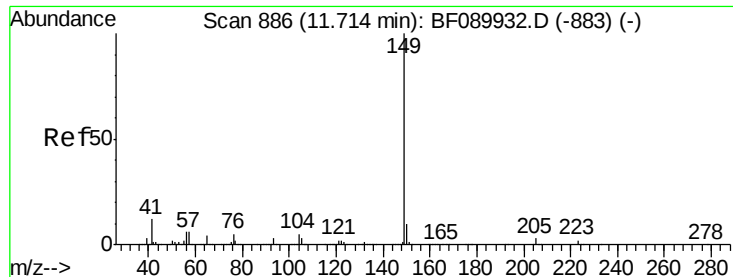
Tgt Ion:178 Resp: 1409972
 Ion Ratio Lower Upper
 178 100
 176 19.6 15.8 23.8
 179 16.2 13.0 19.4



#72
 Carbazole
 Concen: 35.80 ng
 RT: 11.34 min Scan# 853
 Delta R.T. 0.00 min
 Lab File: BF090031.D
 Acq: 8 Sep 2016 18:23

Tgt Ion:167 Resp: 1239872
 Ion Ratio Lower Upper
 167 100
 166 22.2 18.1 27.1
 139 13.1 10.4 15.6





#73

Di-n-butylphthalate

Concen: 37.28 ng

RT: 11.68 min Scan# 883

Delta R.T. -0.01 min

Lab File: BF090031.D

Acq: 8 Sep 2016 18:23

Instrument :

BNA_F

ClientSampleId :

SB-3-7.0-8.0MS

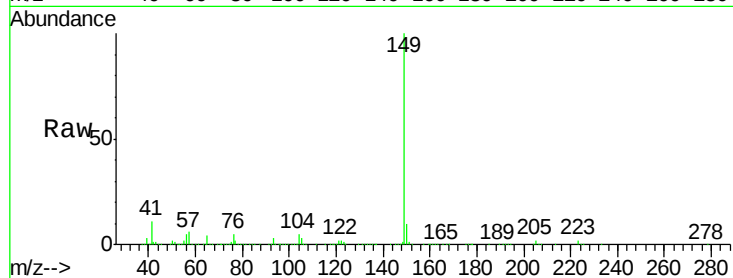
Tgt Ion:149 Resp: 1504946

Ion Ratio Lower Upper

149 100

150 9.5 7.8 11.8

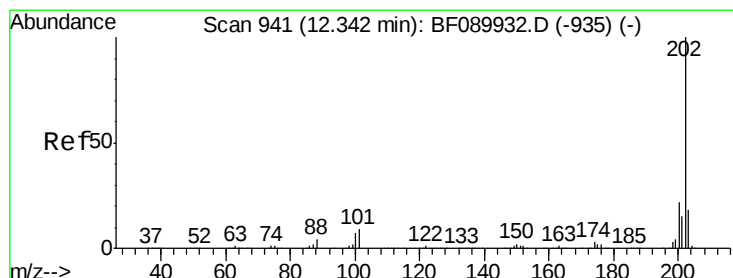
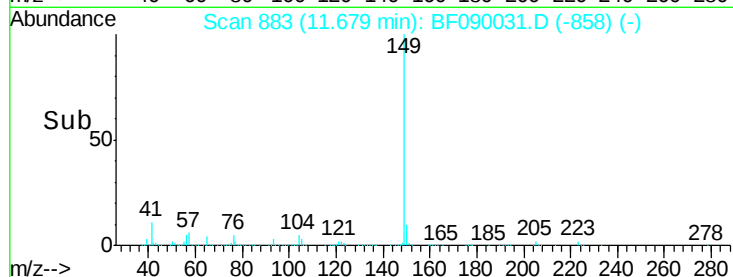
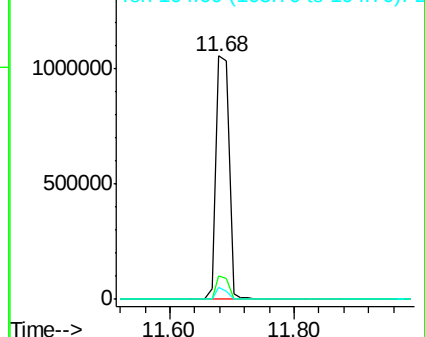
104 4.8 3.9 5.9



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: 37.64 ng

RT: 12.31 min Scan# 938

Delta R.T. 0.00 min

Lab File: BF090031.D

Acq: 8 Sep 2016 18:23

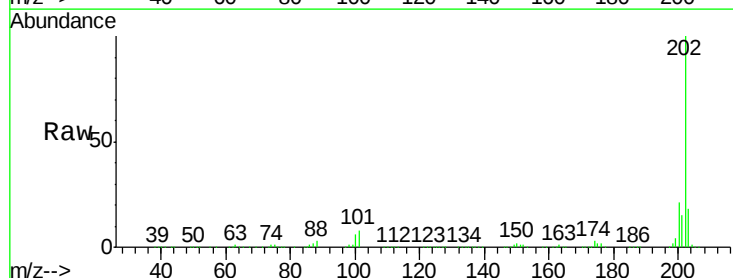
Tgt Ion:202 Resp: 1436550

Ion Ratio Lower Upper

202 100

101 7.9 0.0 28.5

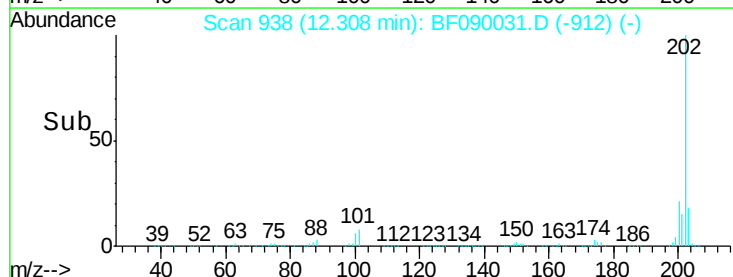
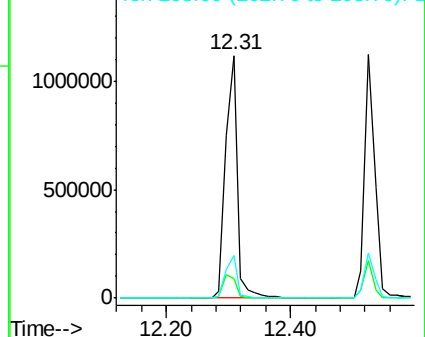
203 17.5 0.0 38.0

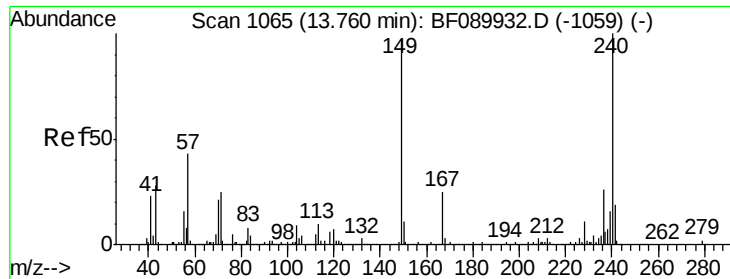


Abundance Ion 202.00 (201.70 to 202.70): E

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: 13.73 min Scan# 1062

Delta R.T. 0.00 min

Lab File: BF090031.D

Acq: 8 Sep 2016 18:23

Instrument :

BNA_F

ClientSampleId :

SB-3-7.0-8.0MS

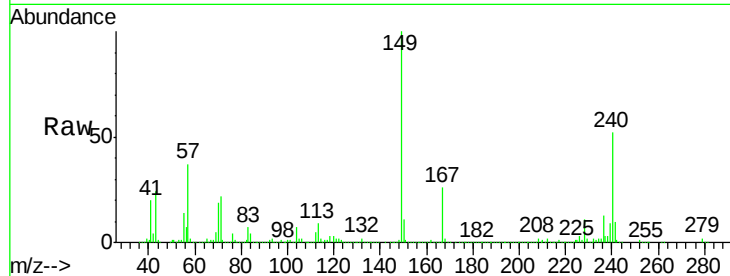
Tgt Ion:240 Resp: 446978

Ion Ratio Lower Upper

240 100

120 6.5 5.7 8.5

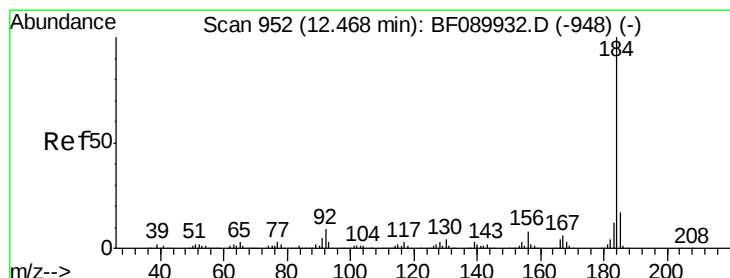
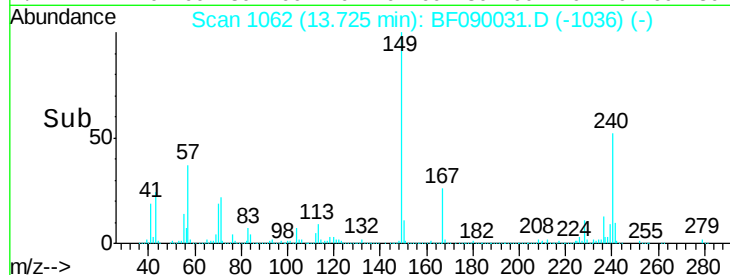
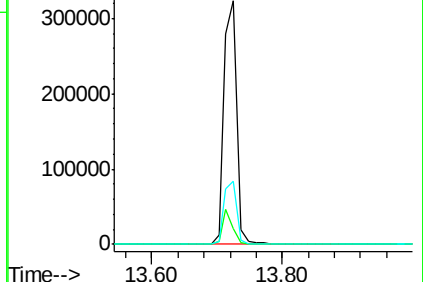
236 25.8 21.3 31.9



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: 42.93 ng

RT: 12.45 min Scan# 950

Delta R.T. 0.00 min

Lab File: BF090031.D

Acq: 8 Sep 2016 18:23

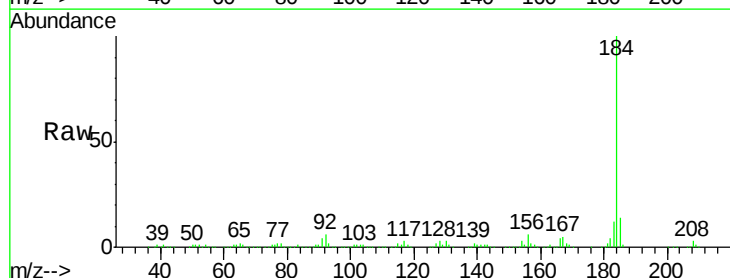
Tgt Ion:184 Resp: 726884

Ion Ratio Lower Upper

184 100

185 14.0 13.8 20.8

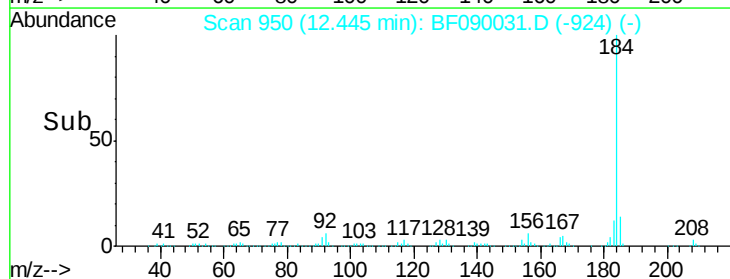
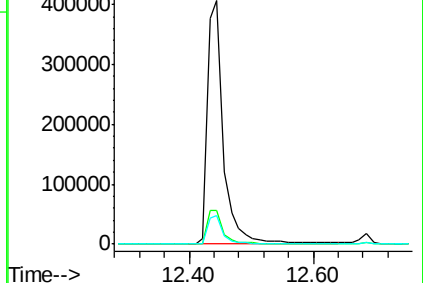
183 11.7 9.6 14.4

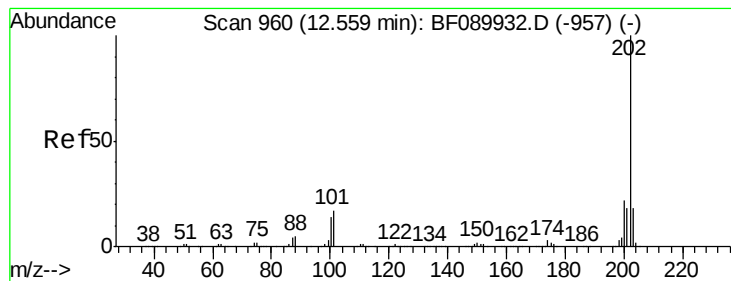


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 40.28 ng

RT: 12.53 min Scan# 957

Delta R.T. -0.01 min

Lab File: BF090031.D

Acq: 8 Sep 2016 18:23

Instrument :

BNA_F

ClientSampleId :

SB-3-7.0-8.0MS

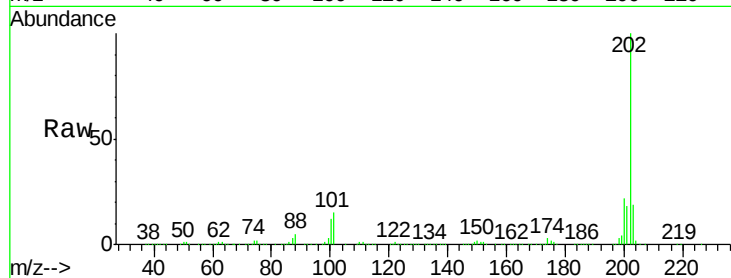
Tgt Ion:202 Resp: 1269494

Ion Ratio Lower Upper

202 100

200 22.3 17.6 26.4

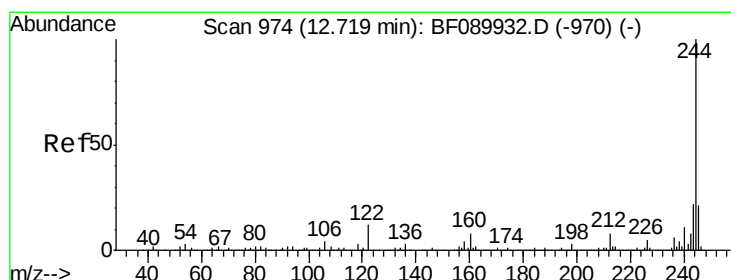
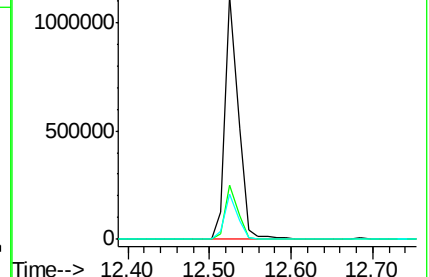
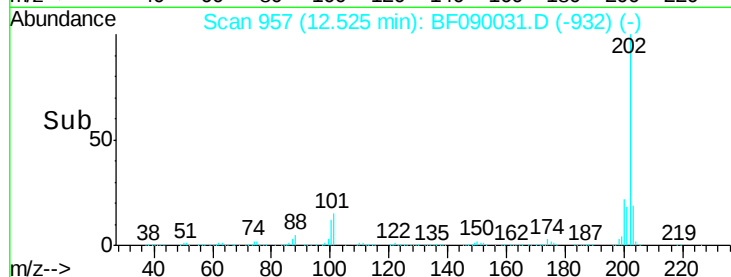
203 18.7 14.6 21.8



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: 81.38 ng

RT: 12.69 min Scan# 971

Delta R.T. 0.00 min

Lab File: BF090031.D

Acq: 8 Sep 2016 18:23

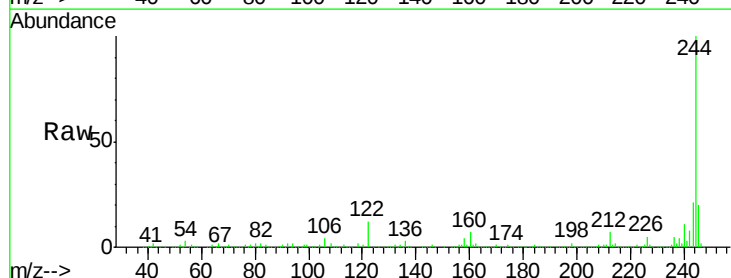
Tgt Ion:244 Resp: 1472513

Ion Ratio Lower Upper

244 100

212 7.4 6.1 9.1

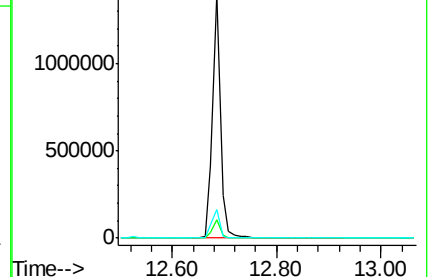
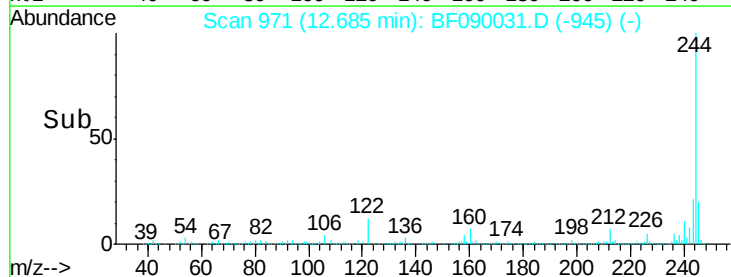
122 11.7 9.6 14.4

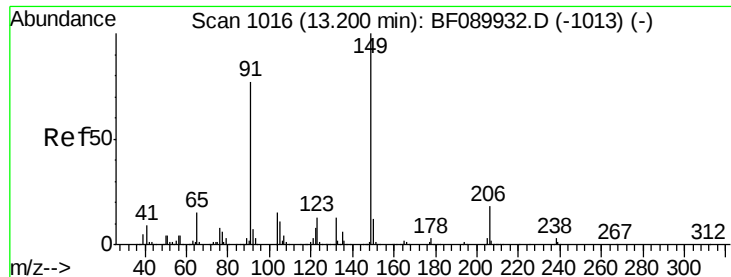


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 43.64 ng

RT: 13.17 min Scan# 1013

Delta R.T. 0.00 min

Lab File: BF090031.D

Acq: 8 Sep 2016 18:23

Instrument :

BNA_F

ClientSampleId :

SB-3-7.0-8.0MS

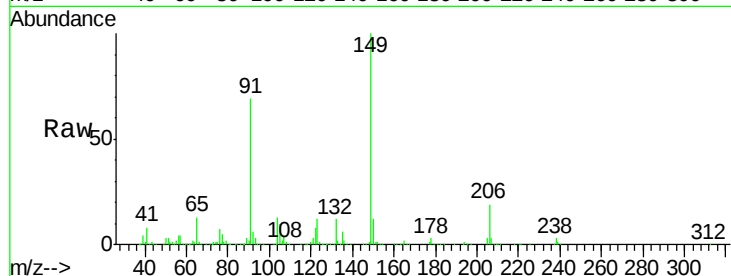
Tgt Ion:149 Resp: 554652

Ion Ratio Lower Upper

149 100

91 69.3 60.0 90.0

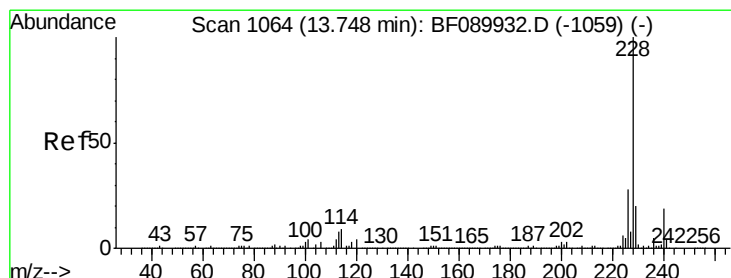
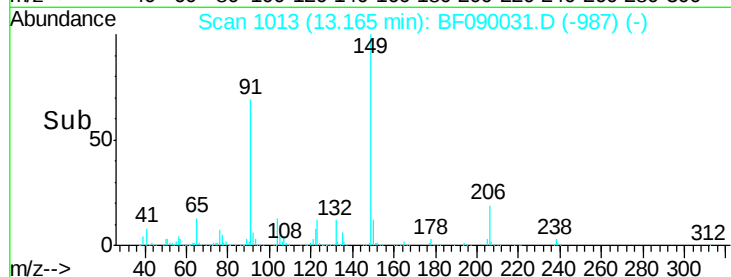
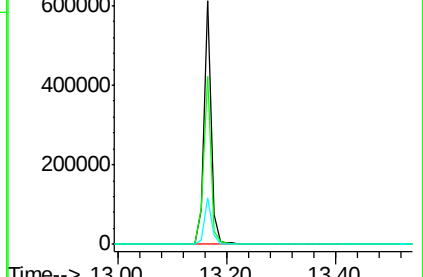
206 19.3 15.1 22.7



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: 40.75 ng

RT: 13.71 min Scan# 1061

Delta R.T. 0.00 min

Lab File: BF090031.D

Acq: 8 Sep 2016 18:23

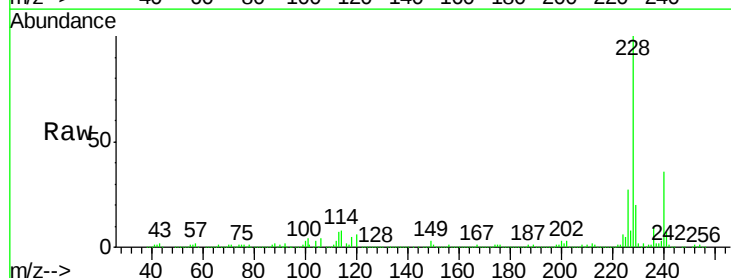
Tgt Ion:228 Resp: 1115490

Ion Ratio Lower Upper

228 100

226 27.0 22.2 33.2

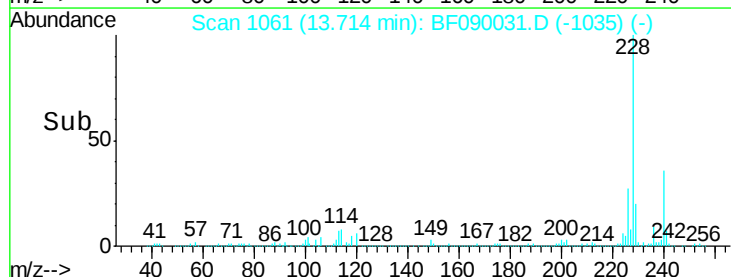
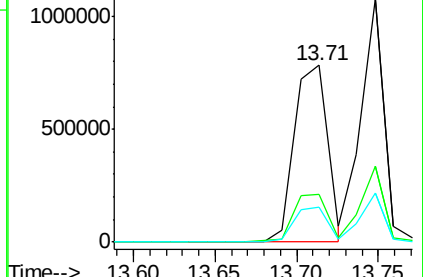
229 19.7 15.8 23.6



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

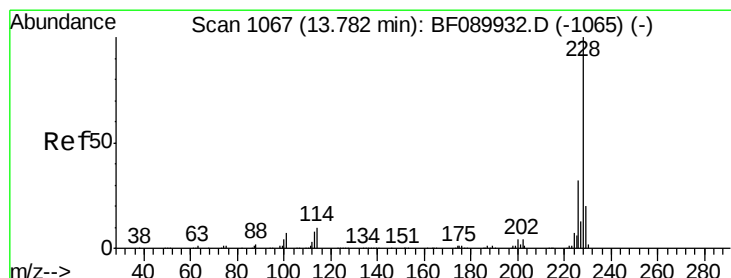
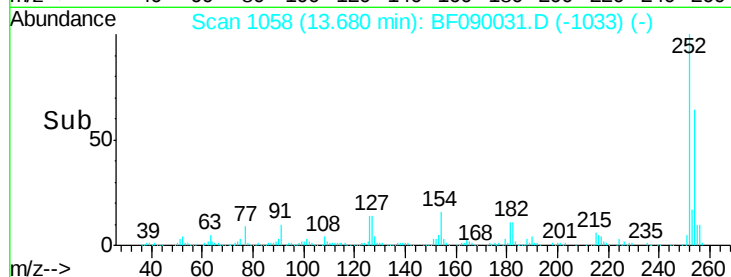
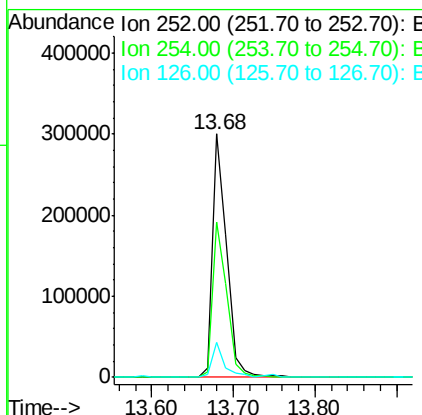
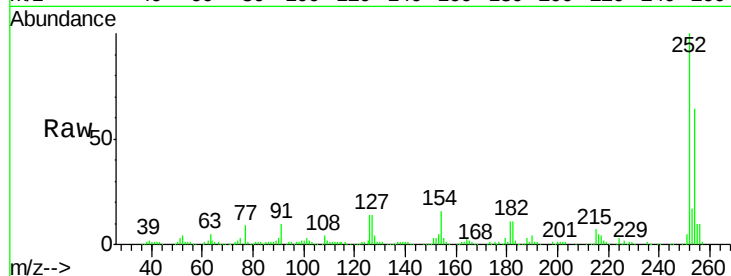




#81
 3,3'-Dichlorobenzidine
 Concen: 36.99 ng
 RT: 13.68 min Scan# 1058
 Delta R.T. -0.01 min
 Lab File: BF090031.D
 Acq: 8 Sep 2016 18:23

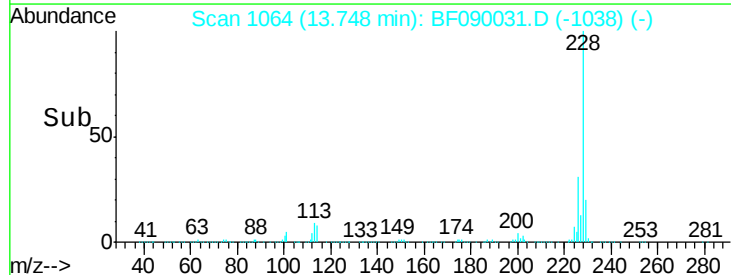
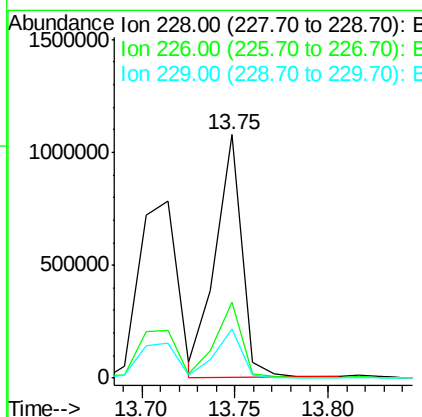
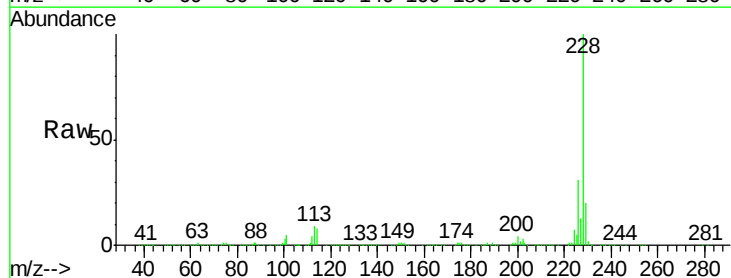
Instrument :
 BNA_F
 ClientSampleId :
 SB-3-7.0-8.0MS

Tgt Ion:252 Resp: 365567
 Ion Ratio Lower Upper
 252 100
 254 63.8 51.3 76.9
 126 14.4 12.3 18.5



#82
 Chrysene
 Concen: 41.53 ng
 RT: 13.75 min Scan# 1064
 Delta R.T. 0.00 min
 Lab File: BF090031.D
 Acq: 8 Sep 2016 18:23

Tgt Ion:228 Resp: 1062097
 Ion Ratio Lower Upper
 228 100
 226 31.3 25.2 37.8
 229 20.0 16.2 24.2

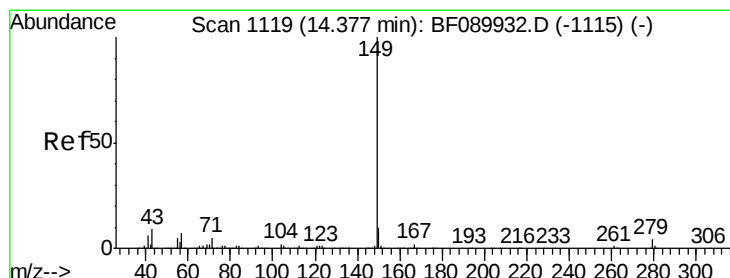
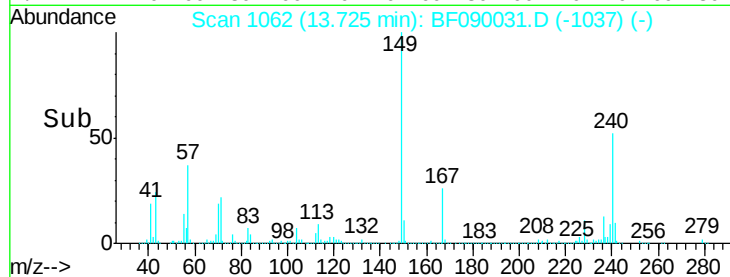
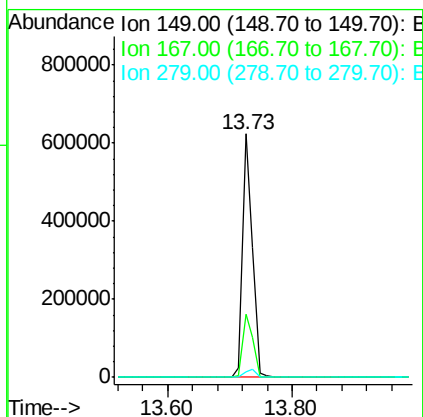
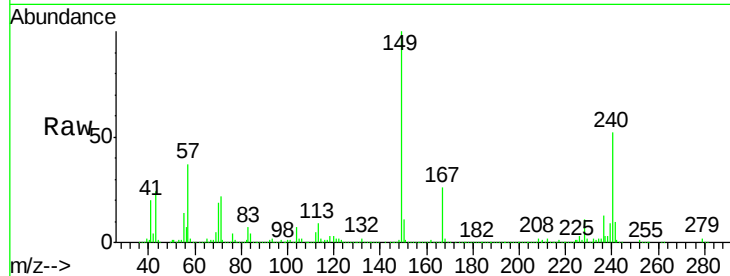




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 39.39 ng
 RT: 13.73 min Scan# 1062
 Delta R.T. -0.01 min
 Lab File: BF090031.D
 Acq: 8 Sep 2016 18:23

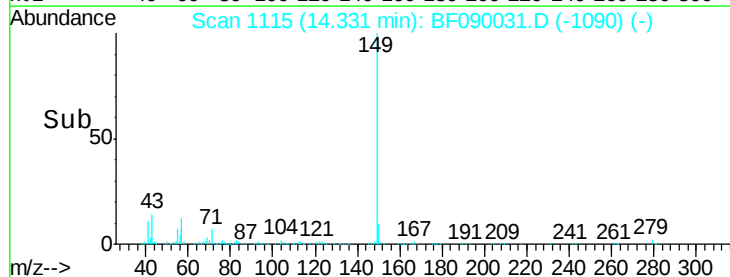
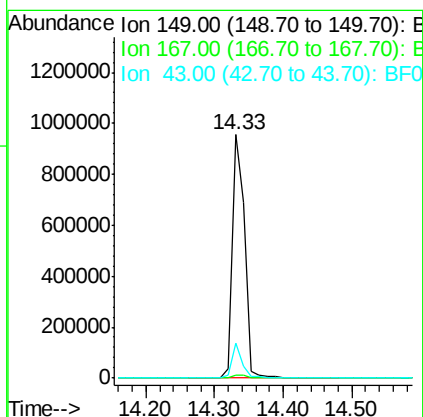
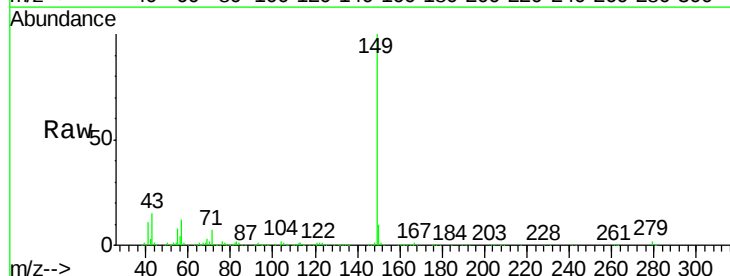
Instrument :
 BNA_F
 ClientSampleId :
 SB-3-7.0-8.0MS

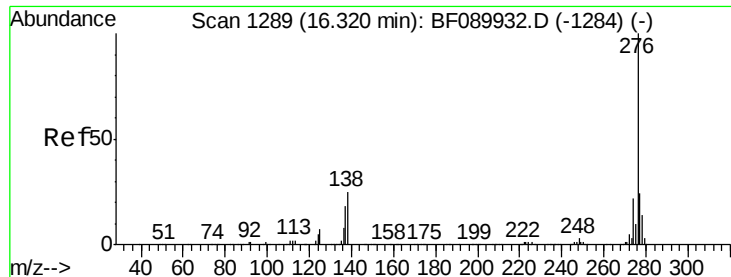
Tgt Ion:149 Resp: 692476
 Ion Ratio Lower Upper
 149 100
 167 25.9 23.6 35.4
 279 2.1 3.4 5.2#



#84
 Di-n-octyl phthalate
 Concen: 42.45 ng
 RT: 14.33 min Scan# 1115
 Delta R.T. -0.01 min
 Lab File: BF090031.D
 Acq: 8 Sep 2016 18:23

Tgt Ion:149 Resp: 1204399
 Ion Ratio Lower Upper
 149 100
 167 1.7 1.2 1.8
 43 11.5 9.3 13.9





#85

Indeno(1,2,3-cd)pyrene

Concen: 47.51 ng

RT: 16.27 min Scan# 1285

Delta R.T. 0.00 min

Lab File: BF090031.D

Acq: 8 Sep 2016 18:23

Instrument :

BNA_F

ClientSampleId :

SB-3-7.0-8.0MS

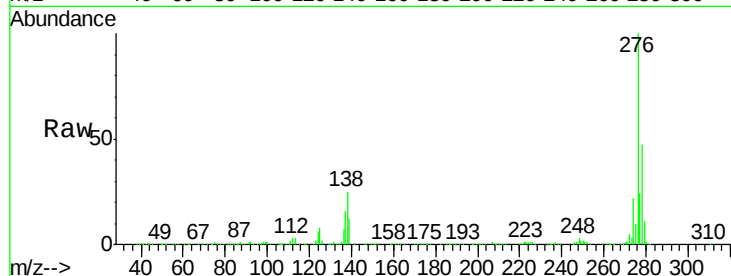
Tgt Ion:276 Resp: 898234

Ion Ratio Lower Upper

276 100

138 27.7 22.6 34.0

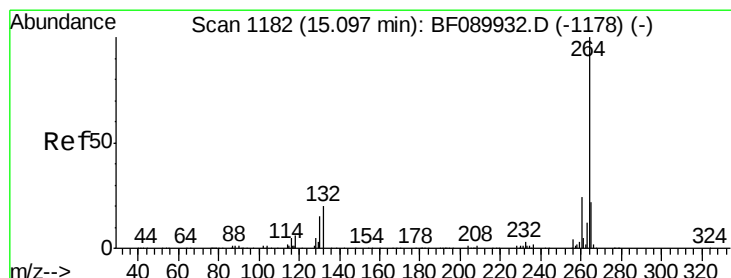
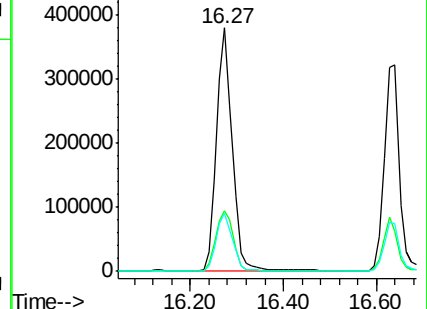
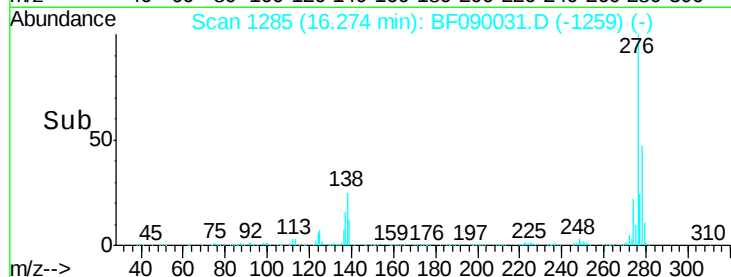
277 25.0 20.1 30.1



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.06 min Scan# 1179

Delta R.T. 0.00 min

Lab File: BF090031.D

Acq: 8 Sep 2016 18:23

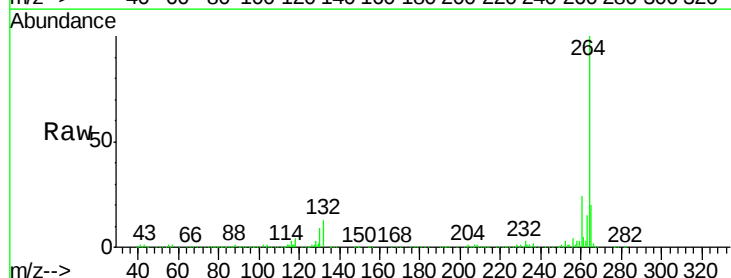
Tgt Ion:264 Resp: 457461

Ion Ratio Lower Upper

264 100

260 23.6 19.4 29.0

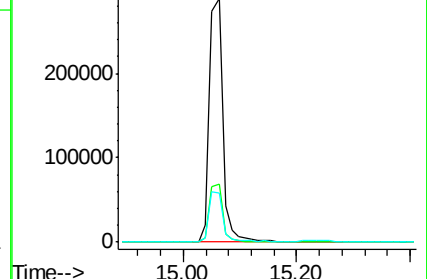
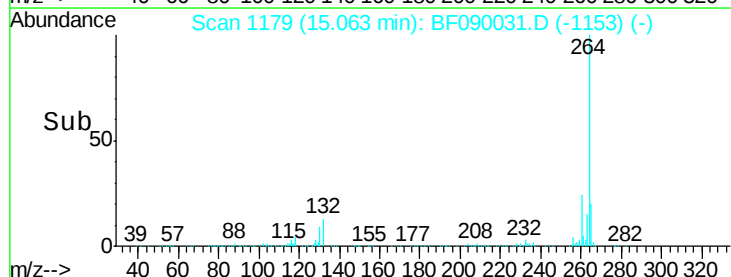
265 20.3 17.4 26.2

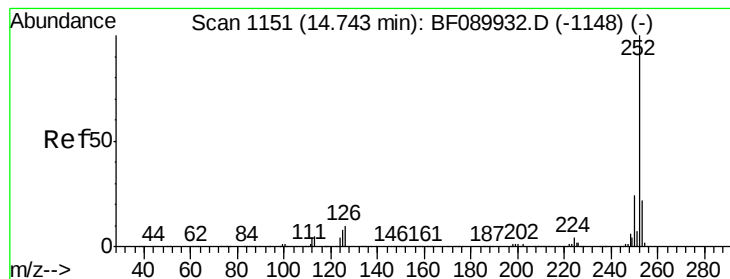


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 72.68 ng

RT: 14.73 min Scan# 1150

Delta R.T. 0.02 min

Lab File: BF090031.D

Acq: 8 Sep 2016 18:23

Instrument :

BNA_F

ClientSampleId :

SB-3-7.0-8.0MS

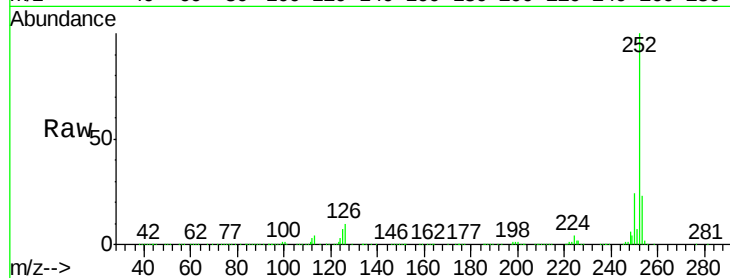
Tgt Ion:252 Resp: 2082741

Ion Ratio Lower Upper

252 100

253 22.5 18.0 27.0

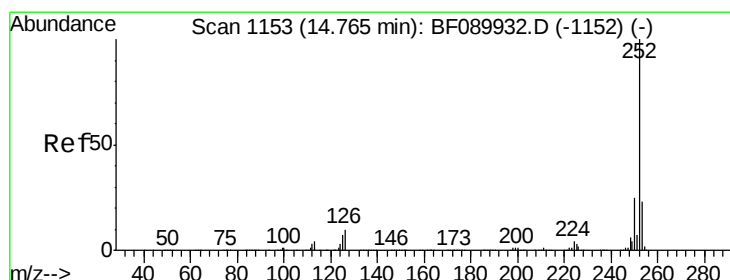
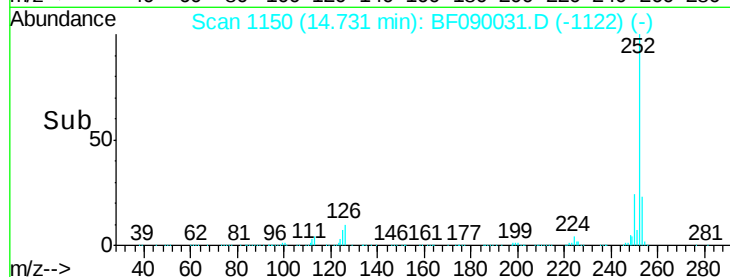
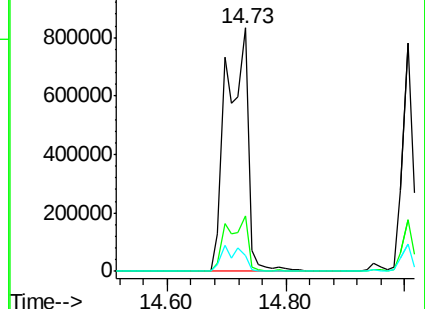
125 6.6 5.7 8.5



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: 85.65 ng

RT: 14.73 min Scan# 1150

Delta R.T. 0.00 min

Lab File: BF090031.D

Acq: 8 Sep 2016 18:23

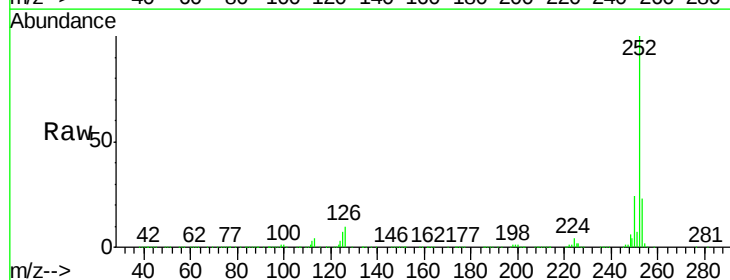
Tgt Ion:252 Resp: 2082741

Ion Ratio Lower Upper

252 100

253 22.5 17.8 26.8

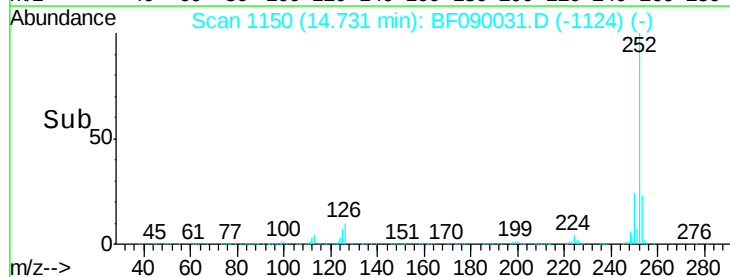
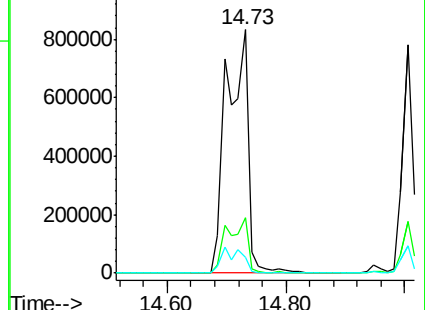
125 6.6 7.3 10.9#

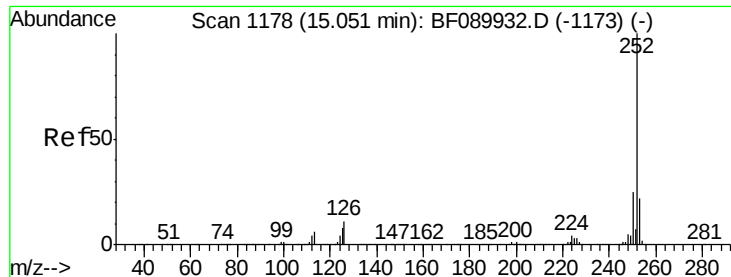


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

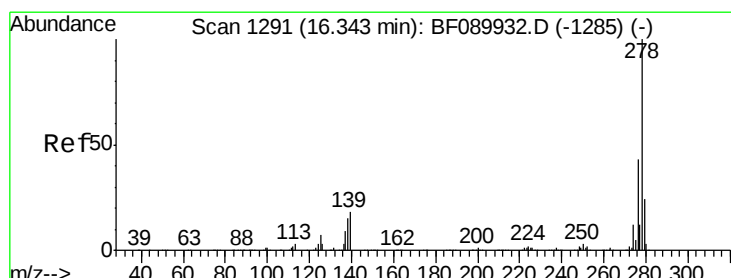
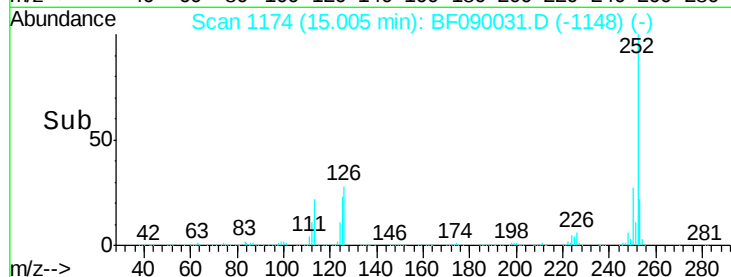
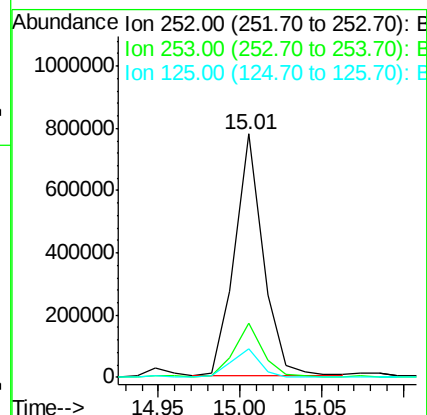
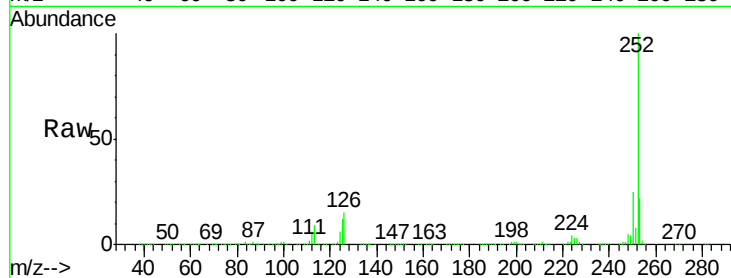




#89
Benzo(a)pyrene
Concen: 38.74 ng
RT: 15.01 min Scan# 1174
Delta R.T. 0.00 min
Lab File: BF090031.D
Acq: 8 Sep 2016 18:23

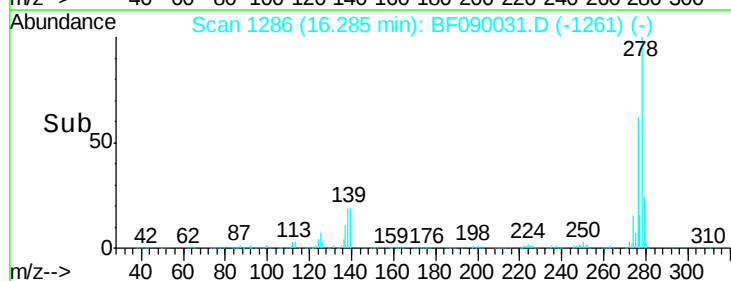
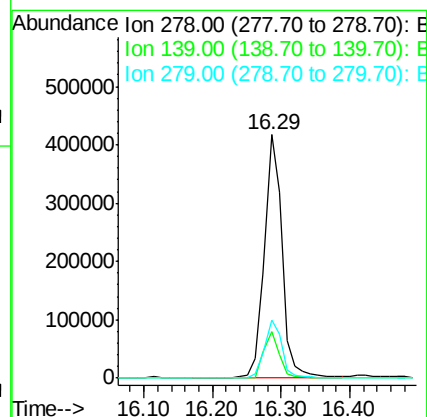
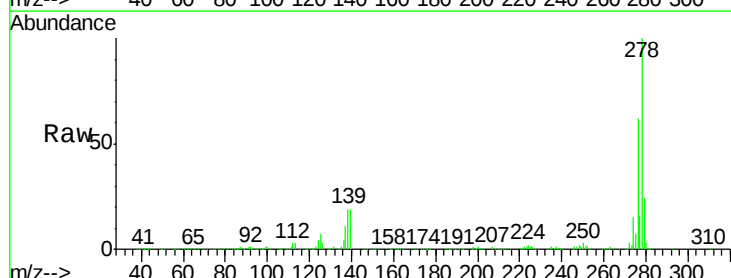
Instrument :
BNA_F
ClientSampleId :
SB-3-7.0-8.0MS

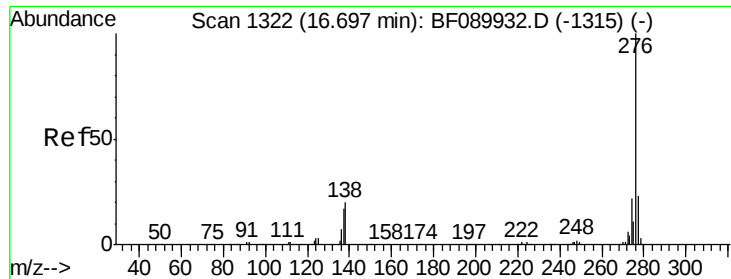
Tgt Ion: 252 Resp: 951276
Ion Ratio Lower Upper
252 100
253 22.4 17.5 26.3
125 11.8 6.3 9.5#



#90
Dibenzo(a,h)anthracene
Concen: 40.96 ng
RT: 16.29 min Scan# 1286
Delta R.T. -0.01 min
Lab File: BF090031.D
Acq: 8 Sep 2016 18:23

Tgt Ion: 278 Resp: 736816
Ion Ratio Lower Upper
278 100
139 19.3 13.4 20.2
279 24.0 19.4 29.2





#91

Benzo(g,h,i)perylene

Concen: 40.25 ng

RT: 16.64 min Scan# 1317

Delta R.T. 0.00 min

Lab File: BF090031.D

Acq: 8 Sep 2016 18:23

Instrument :

BNA_F

ClientSampleId :

SB-3-7.0-8.0MS

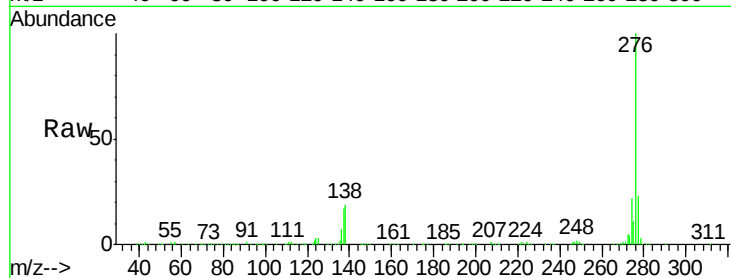
Tgt Ion: 276 Resp: 728939

Ion Ratio Lower Upper

276 100

277 23.3 19.0 28.4

138 19.2 16.4 24.6



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

