

Data Path : Z:\HPCHEM1\BNA_F\Data\BF090816\
 Data File : BF090025.D
 Acq On : 8 Sep 2016 15:32
 Operator : UM/SJ
 Sample : H4680-12MS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 08 16:12:04 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	188050	20.00	ng	0.00
21) Naphthalene-d8	7.88	136	762652	20.00	ng	-0.01
38) Acenaphthene-d10	9.63	164	373688	20.00	ng	0.00
63) Phenanthrene-d10	11.11	188	702416	20.00	ng	0.00
75) Chrysene-d12	13.73	240	419083	20.00	ng	0.00
86) Perylene-d12	15.06	264	429867	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.18	112	1348289	114.76	ng	0.01
7) Phenol-d6	6.26	99	1837762	128.74	ng	0.01
23) Nitrobenzene-d5	7.18	82	1120887	85.24	ng	0.00
41) 2,4,6-Tribromophenol	10.42	330	427693	116.01	ng	0.00
44) 2-Fluorobiphenyl	8.97	172	1856178	81.54	ng	0.00
78) Terphenyl-d14	12.69	244	1432566	84.44	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.07	88	149707	26.89	ng	# 96
3) Pyridine	2.70	79	393130	26.47	ng	99
4) n-Nitrosodimethylamine	2.64	42	255144	34.84	ng	99
6) Aniline	6.26	93	530494	27.24	ng	# 88
8) 2-Chlorophenol	6.39	128	491030	38.53	ng	98
9) Benzaldehyde	6.14	77	65211	7.08	ng	95
10) Phenol	6.27	94	615077	37.05	ng	# 74
11) bis(2-Chloroethyl)ether	6.34	93	491803	39.15	ng	99
12) 1,3-Dichlorobenzene	6.78	146	454624	31.94	ng	99
13) 1,4-Dichlorobenzene	6.62	146	536469	36.83	ng	98
14) 1,2-Dichlorobenzene	6.78	146	491045	37.61	ng	96
15) Benzyl Alcohol	6.75	79	354029	39.59	ng	98
16) 2,2'-oxybis(1-Chloropropan	6.90	45	831455	34.71	ng	90
17) 2-Methylphenol	6.88	107	385204	37.84	ng	99
18) Hexachloroethane	7.11	117	174284	34.93	ng	# 87
19) n-Nitroso-di-n-propylamine	7.03	70	340300	36.58	ng	# 86
20) 3+4-Methylphenols	7.04	107	484280	39.25	ng	# 71
22) Acetophenone	7.03	105	604526	35.33	ng	# 93
24) Nitrobenzene	7.19	77	463238	33.13	ng	97
25) Isophorone	7.44	82	931172	34.82	ng	97
26) 2-Nitrophenol	7.51	139	275693	41.25	ng	97
27) 2,4-Dimethylphenol	7.56	122	438060	35.44	ng	96
28) bis(2-Chloroethoxy)methane	7.66	93	610350	37.84	ng	99
29) 2,4-Dichlorophenol	7.76	162	430856	38.88	ng	90
30) 1,2,4-Trichlorobenzene	7.84	180	453602	37.44	ng	99
31) Naphthalene	7.91	128	1334944	35.14	ng	100
32) Benzoic acid	7.64	122	45462	5.46	ng	# 78
33) 4-Chloroaniline	7.98	127	488797	31.89	ng	95
34) Hexachlorobutadiene	8.03	225	242686	34.18	ng	99
35) Caprolactam	8.34	113	126918	36.28	ng	93
36) 4-Chloro-3-methylphenol	8.46	107	418213	35.63	ng	# 83
37) 2-Methylnaphthalene	8.60	142	1031127	41.07	ng	100
39) 1,2,4,5-Tetrachlorobenzene	8.76	216	365013	33.34	ng	99
40) Hexachlorocyclopentadiene	8.75	237	354119	63.09	ng	94

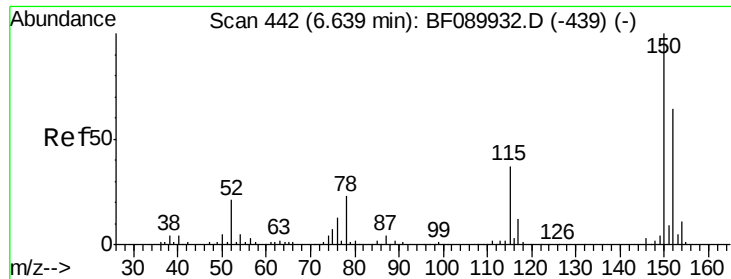
Data Path : Z:\HPCHEM1\BNA_F\Data\BF090816\
 Data File : BF090025.D
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 08 16:07:52 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.88	196	284384	37.48	ng	99
43) 2,4,5-Trichlorophenol	8.92	196	328808	45.07	ng	98
45) 1,1'-Biphenyl	9.06	154	989921	32.90	ng	99
46) 2-Chloronaphthalene	9.08	162	843162	39.62	ng	98
47) 2-Nitroaniline	9.19	65	295701	42.50	ng	# 84
48) Acenaphthylene	9.50	152	1304985	37.08	ng	100
49) Dimethylphthalate	9.38	163	1934811	71.64	ng	99
50) 2,6-Dinitrotoluene	9.44	165	251468	41.86	ng	# 69
51) Acenaphthene	9.67	154	851834	38.21	ng	99
52) 3-Nitroaniline	9.60	138	244633	35.71	ng	89
53) 2,4-Dinitrophenol	9.70	184	99960	35.51	ng	# 84
54) Dibenzofuran	9.84	168	1212222	40.57	ng	99
55) 4-Nitrophenol	9.77	139	346322	67.02	ng	# 62
56) 2,4-Dinitrotoluene	9.83	165	286946	37.67	ng	# 78
57) Fluorene	10.18	166	928006	42.50	ng	98
58) 2,3,4,6-Tetrachlorophenol	9.96	232	273110	43.73	ng	93
59) Diethylphthalate	10.07	149	1048462	41.26	ng	98
60) 4-Chlorophenyl-phenylether	10.18	204	432682	42.11	ng	95
61) 4-Nitroaniline	10.20	138	240370	35.71	ng	89
62) Azobenzene	10.33	77	983110	38.74	ng	99
64) 4,6-Dinitro-2-methylphenol	10.24	198	119488	26.57	ng	# 64
65) n-Nitrosodiphenylamine	10.30	169	788866	37.36	ng	99
66) 4-Bromophenyl-phenylether	10.66	248	290003	41.01	ng	99
67) Hexachlorobenzene	10.72	284	273760	33.89	ng	100
68) Atrazine	10.83	200	283379	40.20	ng	95
69) Pentachlorophenol	10.91	266	279848	64.40	ng	99
70) Phenanthrene	11.13	178	1422792	40.68	ng	100
71) Anthracene	11.18	178	1381414	38.94	ng	100
72) Carbazole	11.34	167	1202942	36.16	ng	99
73) Di-n-butylphthalate	11.69	149	1474686	38.03	ng	# 97
74) Fluoranthene	12.31	202	1542463	42.08	ng	99
76) Benzidine	12.45	184	121408	7.65	ng	# 69
77) Pyrene	12.53	202	1362911	46.12	ng	99
79) Butylbenzylphthalate	13.17	149	514991	43.22	ng	98
80) Benzo(a)anthracene	13.71	228	1121216	43.68	ng	99
81) 3,3'-Dichlorobenzidine	13.68	252	256031	27.63	ng	100
82) Chrysene	13.75	228	1037938	43.29	ng	99
83) Bis(2-ethylhexyl)phthalate	13.74	149	688821	41.79	ng	100
84) Di-n-octyl phthalate	14.34	149	1128083	42.40	ng	99
85) Indeno(1,2,3-cd)pyrene	16.27	276	874737	49.35	ng	99
87) Benzo(b)fluoranthene	14.73	252	2039780	75.75	ng	99
88) Benzo(k)fluoranthene	14.73	252	2039780	89.26	ng	98
89) Benzo(a)pyrene	15.01	252	948426	41.11	ng	# 95
90) Dibenzo(a,h)anthracene	16.30	278	713675	42.22	ng	98
91) Benzo(g,h,i)perylene	16.64	276	728425	42.81	ng	98

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

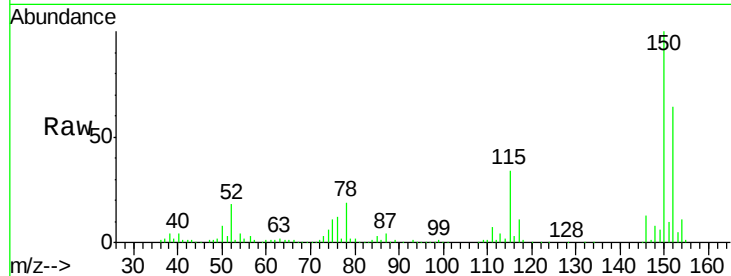


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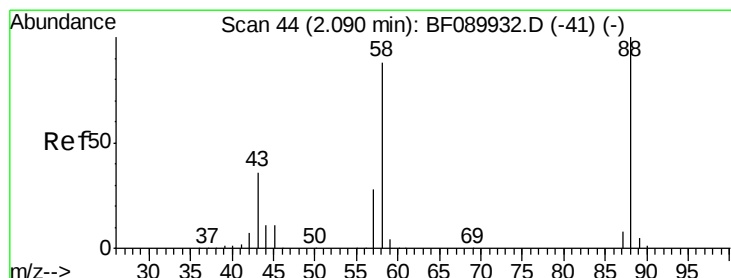
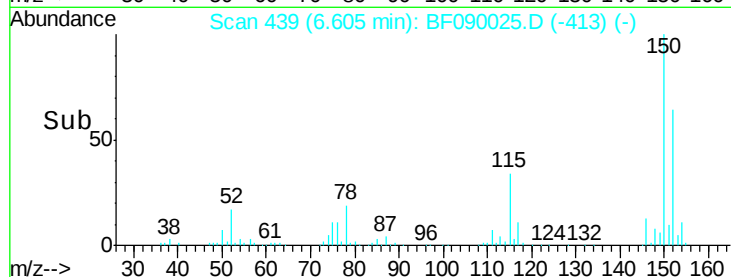
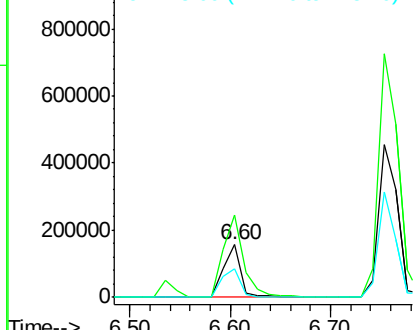
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.60 min Scan# 439
Delta R.T. 0.00 min
Lab File: BF090025.D
Acq: 8 Sep 2016 15:32

Instrument :
BNA_F
ClientSampled :

Tgt Ion: 152 Resp: 188050
Ion Ratio Lower Upper
152 100
150 157.1 127.4 191.2
115 53.1 46.3 69.5



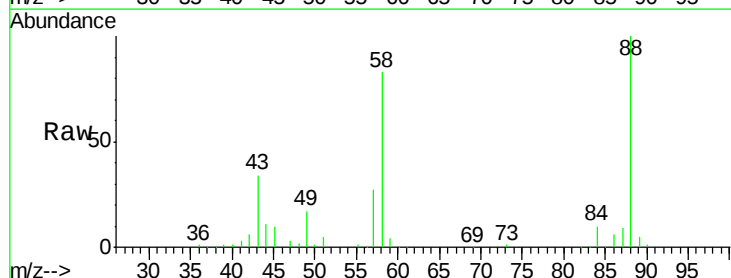
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



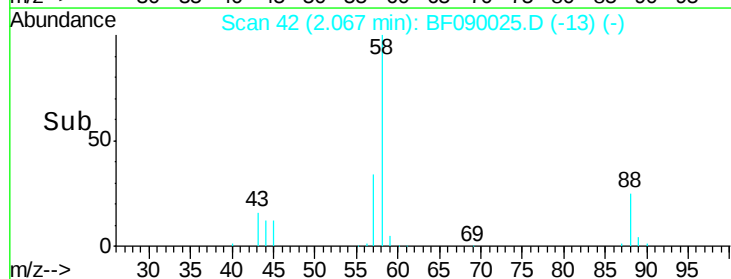
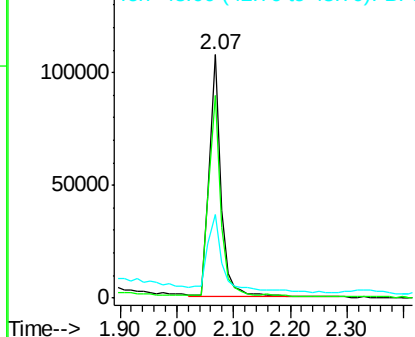
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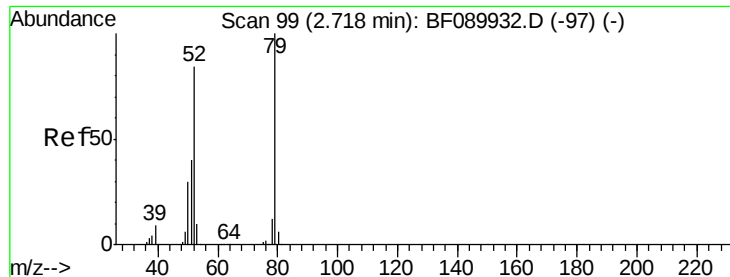
1,4-Dioxane
Concen: 26.89 ng
RT: 2.07 min Scan# 42
Delta R.T. 0.03 min
Lab File: BF090025.D
Acq: 8 Sep 2016 15:32

Tgt Ion: 88 Resp: 149707
Ion Ratio Lower Upper
88 100
58 84.9 68.8 103.2
43 41.1 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: 26.47 ng

RT: 2.70 min Scan# 97

Delta R.T. 0.03 min

Lab File: BF090025.D

Acq: 8 Sep 2016 15:32

Instrument :

BNA_F

ClientSampleId :

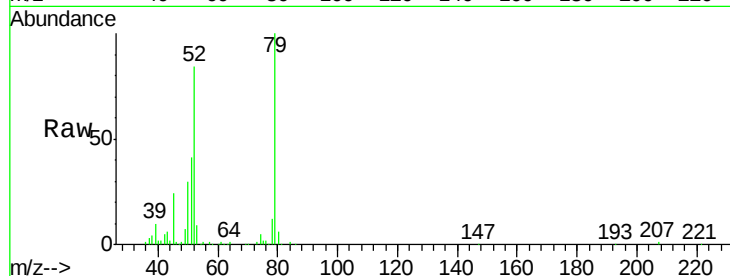
Tgt Ion: 79 Resp: 393130

Ion Ratio Lower Upper

79 100

52 83.8 67.8 101.6

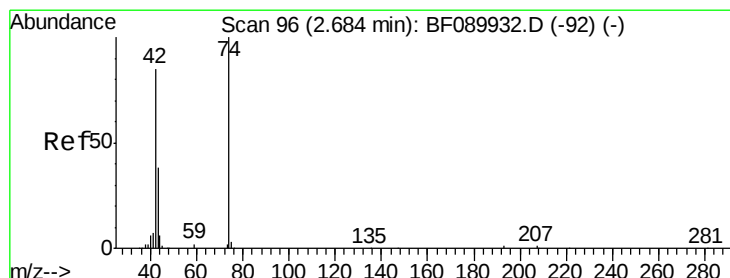
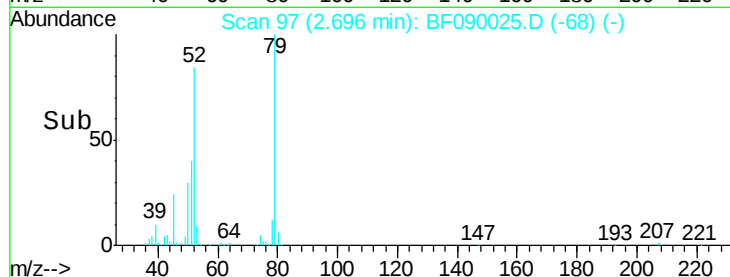
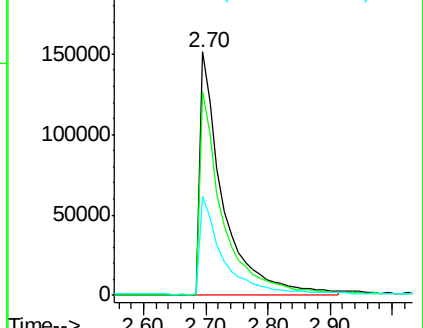
51 40.6 32.9 49.3



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 34.84 ng

RT: 2.64 min Scan# 92

Delta R.T. 0.02 min

Lab File: BF090025.D

Acq: 8 Sep 2016 15:32

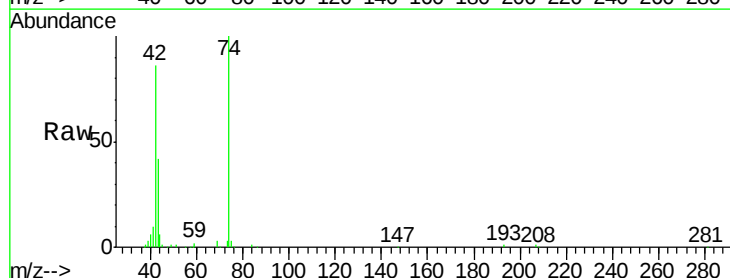
Tgt Ion: 42 Resp: 255144

Ion Ratio Lower Upper

42 100

74 115.9 92.0 138.0

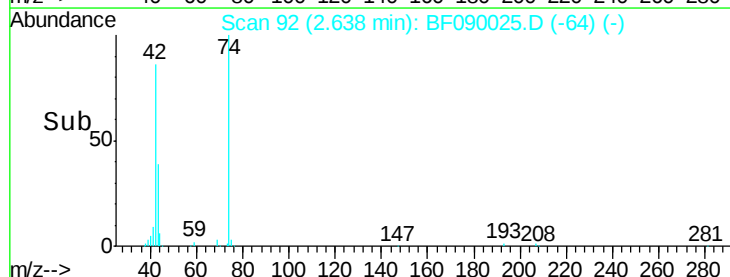
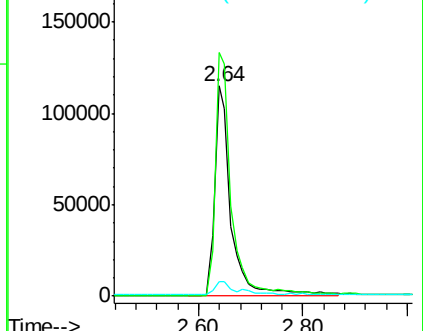
44 7.2 5.8 8.8

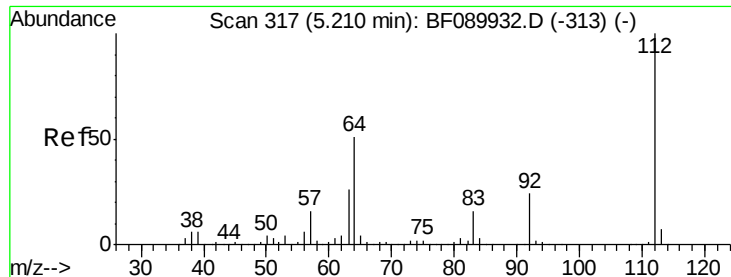


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 114.76 ng

RT: 5.18 min Scan# 314

Delta R.T. 0.01 min

Lab File: BF090025.D

Acq: 8 Sep 2016 15:32

Instrument :

BNA_F

ClientSampleId :

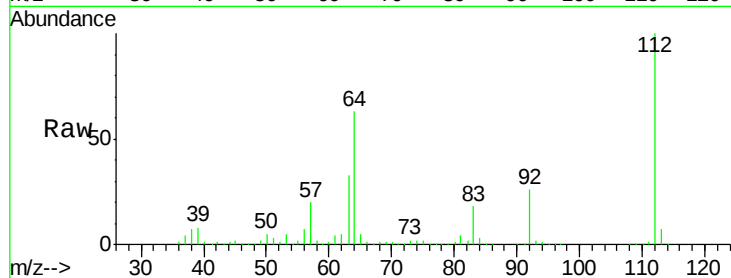
Tgt Ion: 112 Resp: 1348289

Ion Ratio Lower Upper

112 100

64 62.6 41.1 61.7#

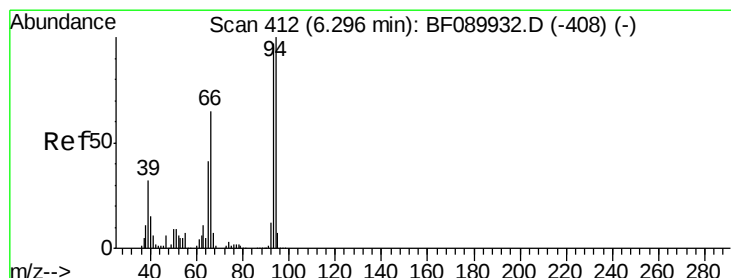
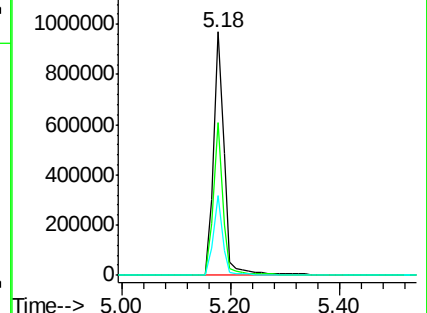
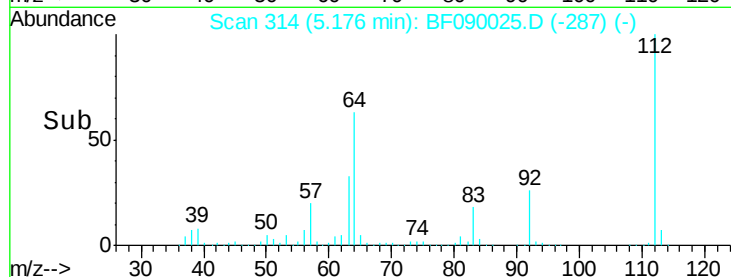
63 32.5 21.2 31.8#



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: 27.24 ng

RT: 6.26 min Scan# 409

Delta R.T. 0.00 min

Lab File: BF090025.D

Acq: 8 Sep 2016 15:32

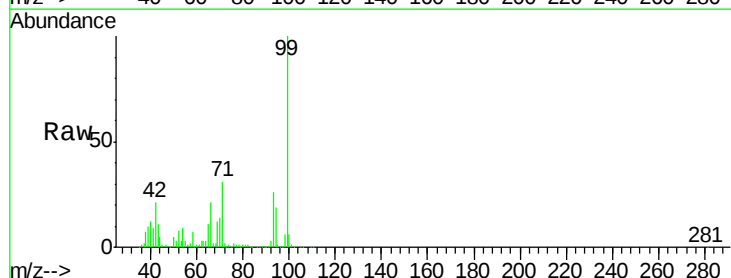
Tgt Ion: 93 Resp: 530494

Ion Ratio Lower Upper

93 100

66 80.3 52.9 79.3#

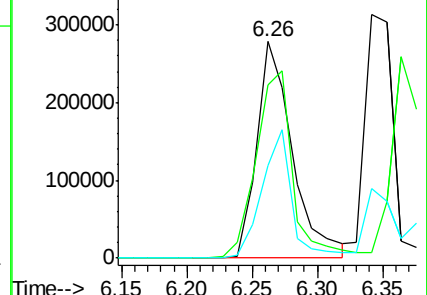
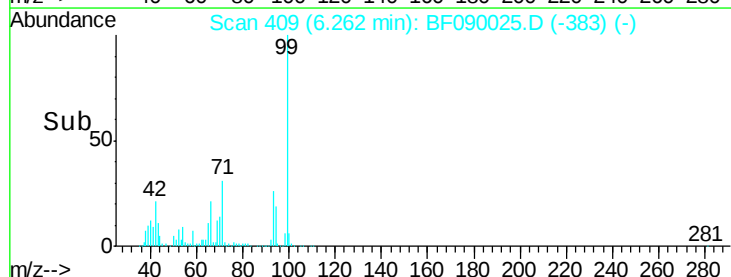
65 42.8 33.0 49.6

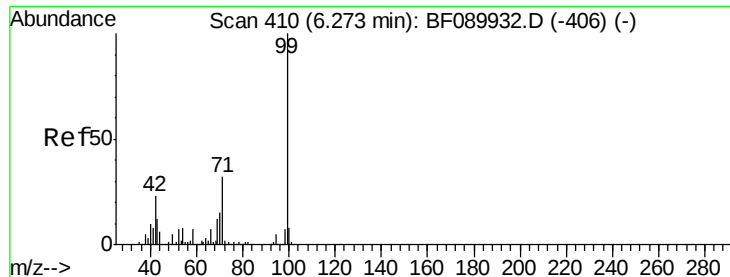


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 128.74 ng

RT: 6.26 min Scan# 409

Delta R.T. 0.01 min

Lab File: BF090025.D

Acq: 8 Sep 2016 15:32

Instrument :

BNA_F

ClientSampleId :

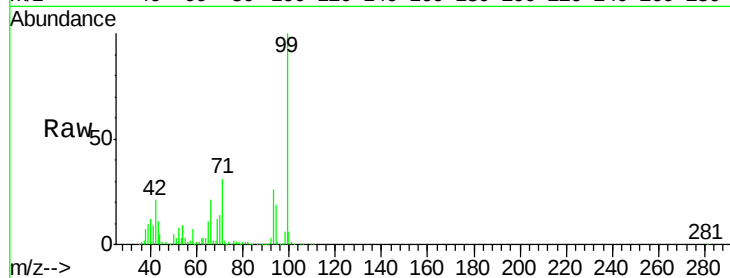
Tgt Ion: 99 Resp: 1837762

Ion Ratio Lower Upper

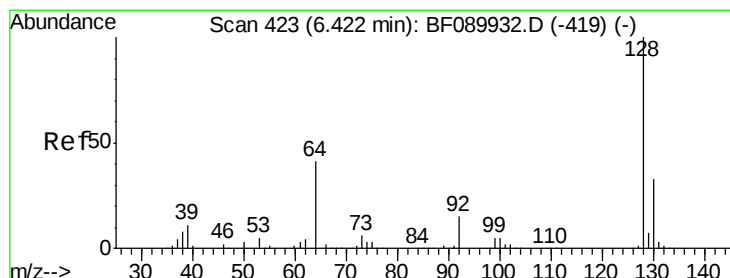
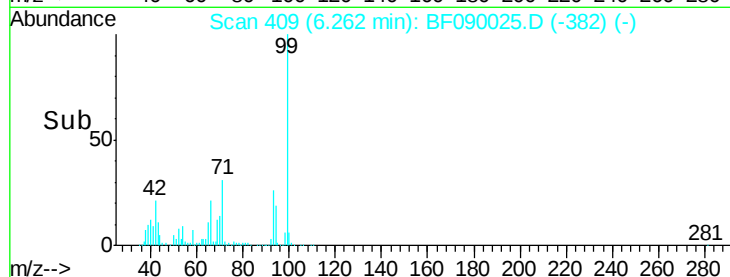
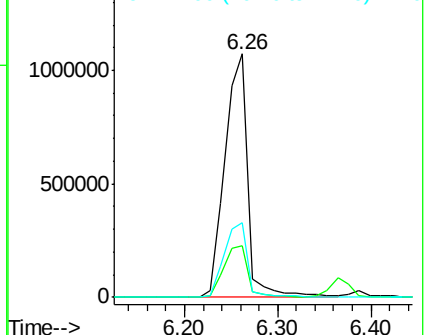
99 100

42 21.1 18.6 27.8

71 30.8 25.8 38.6



Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 38.53 ng

RT: 6.39 min Scan# 420

Delta R.T. 0.00 min

Lab File: BF090025.D

Acq: 8 Sep 2016 15:32

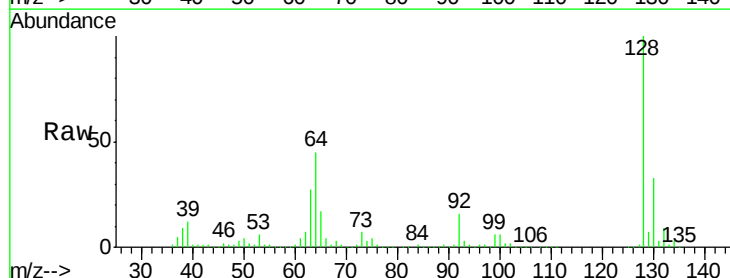
Tgt Ion: 128 Resp: 491030

Ion Ratio Lower Upper

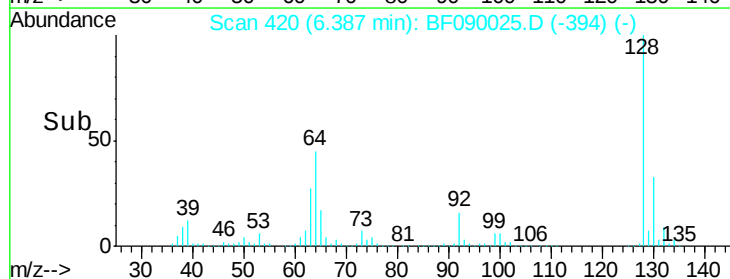
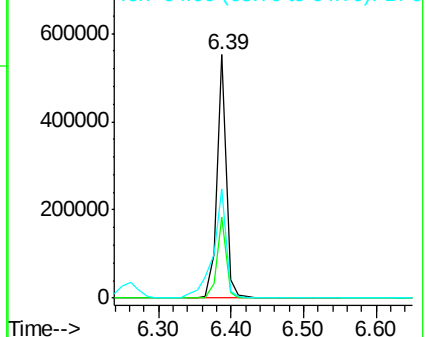
128 100

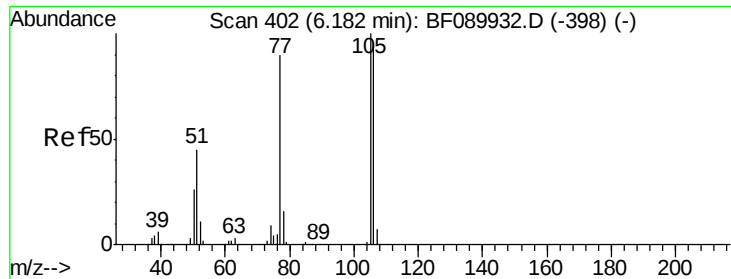
130 33.3 12.8 52.8

64 44.8 23.2 63.2



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 7.08 ng

RT: 6.14 min Scan# 398

Delta R.T. 0.00 min

Lab File: BF090025.D

Acq: 8 Sep 2016 15:32

Instrument :

BNA_F

ClientSampleId :

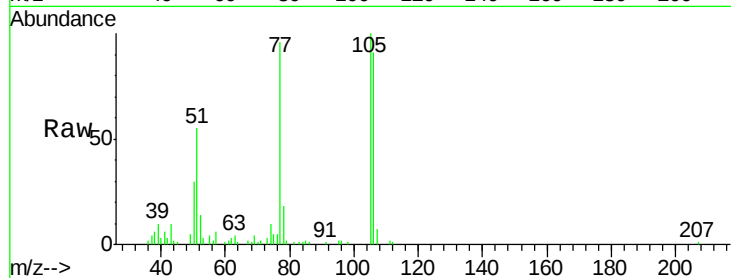
Tgt Ion: 77 Resp: 65211

Ion Ratio Lower Upper

77 100

105 104.1 85.4 125.4

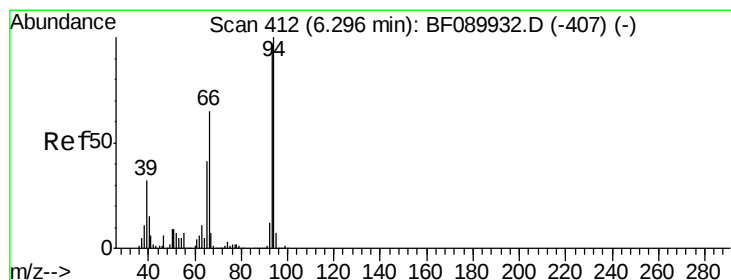
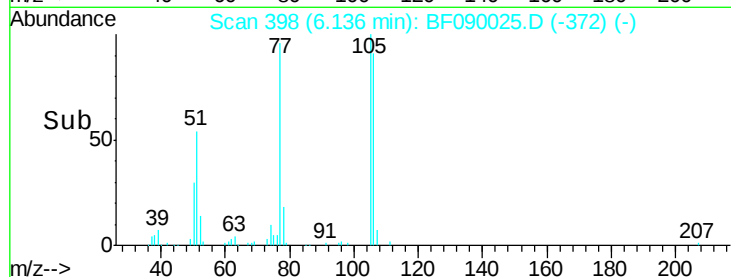
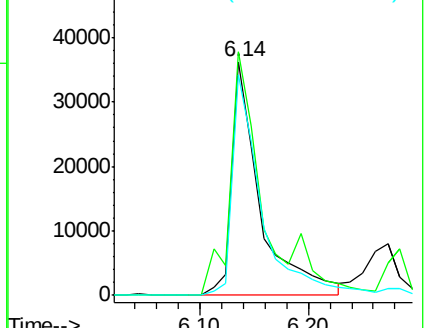
106 94.6 83.4 123.4



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 37.05 ng

RT: 6.27 min Scan# 410

Delta R.T. 0.01 min

Lab File: BF090025.D

Acq: 8 Sep 2016 15:32

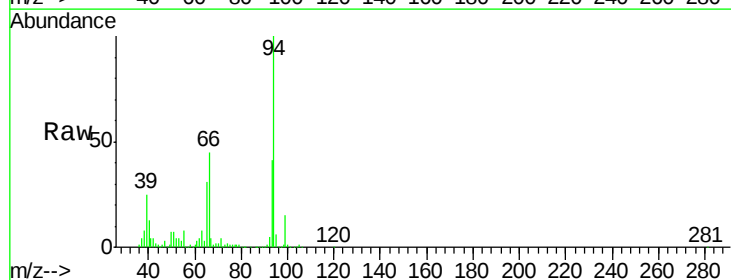
Tgt Ion: 94 Resp: 615077

Ion Ratio Lower Upper

94 100

65 30.8 23.2 63.2

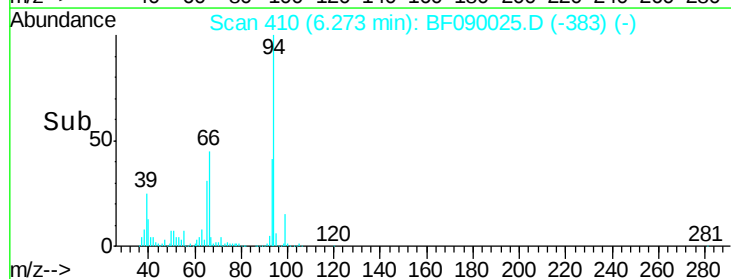
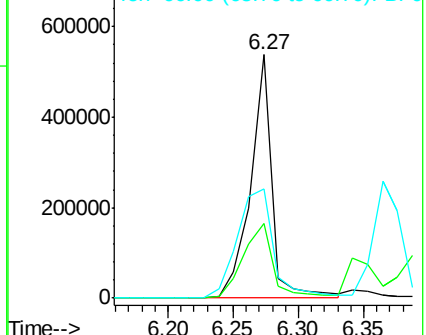
66 44.8 49.2 89.2#

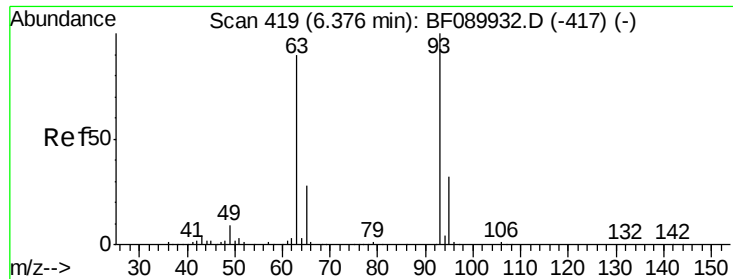


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 39.15 ng

RT: 6.34 min Scan# 416

Delta R.T. 0.00 min

Lab File: BF090025.D

Acq: 8 Sep 2016 15:32

Instrument :

BNA_F

ClientSampleId :

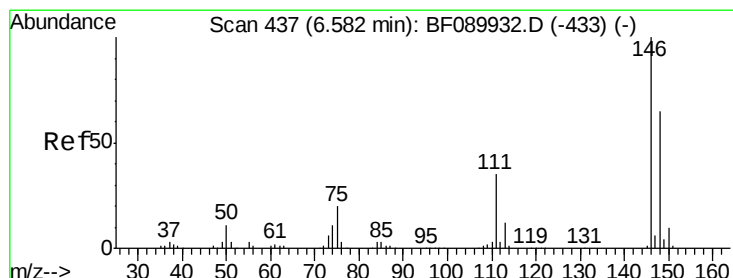
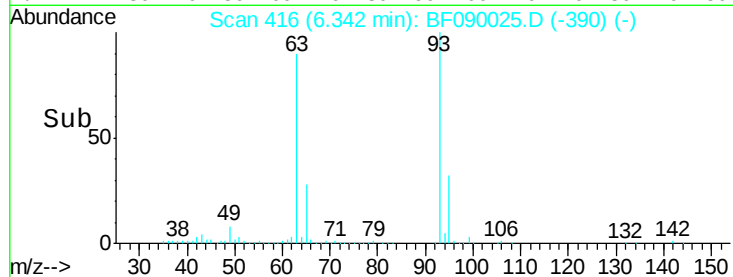
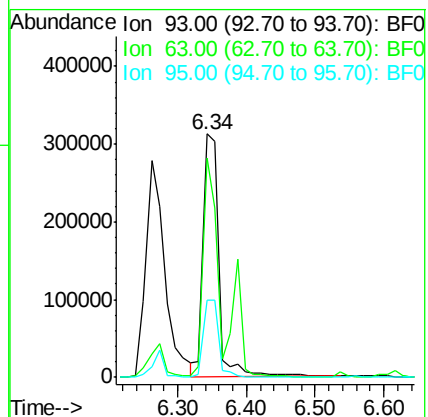
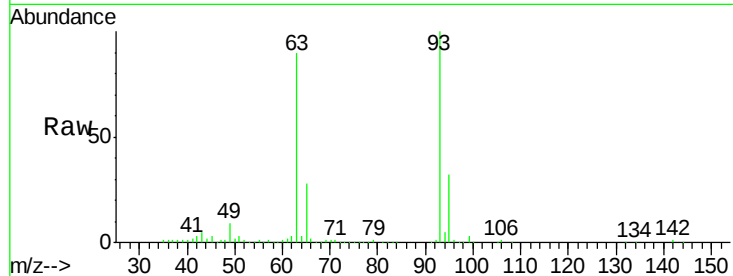
Tgt Ion: 93 Resp: 491803

Ion Ratio Lower Upper

93 100

63 89.8 71.1 111.1

95 31.5 12.4 52.4



#12

1,3-Dichlorobenzene

Concen: 31.94 ng

RT: 6.78 min Scan# 454

Delta R.T. 0.24 min

Lab File: BF090025.D

Acq: 8 Sep 2016 15:32

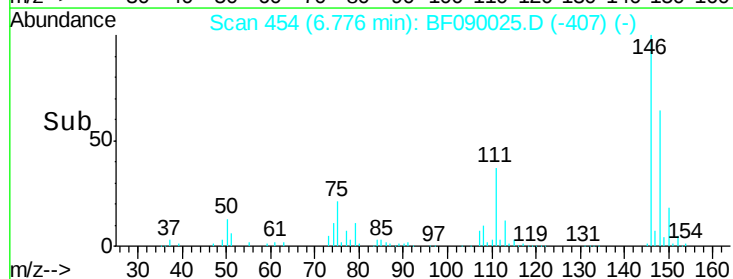
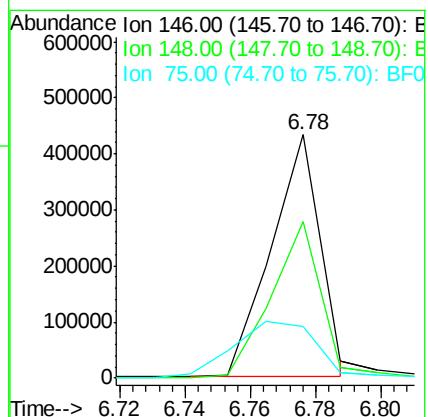
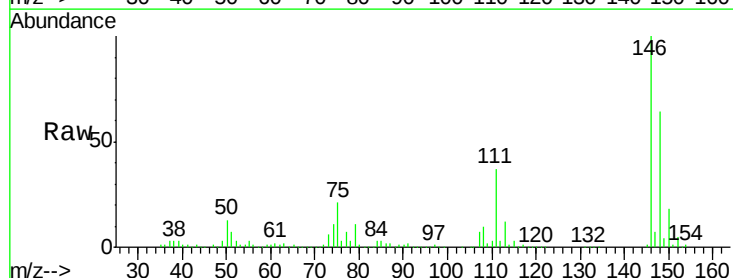
Tgt Ion: 146 Resp: 454624

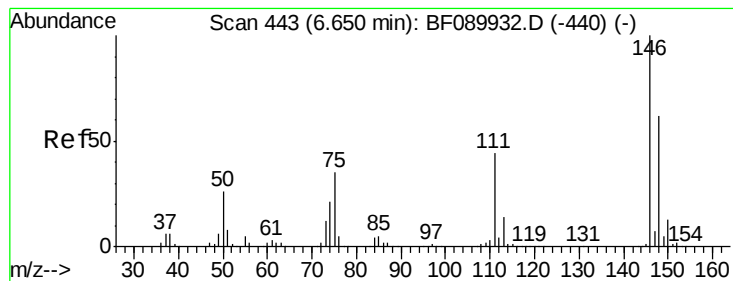
Ion Ratio Lower Upper

146 100

148 64.3 52.5 78.7

75 21.2 16.6 24.8





#13

1,4-Dichlorobenzene

Concen: 36.83 ng

RT: 6.62 min Scan# 440

Delta R.T. 0.00 min

Lab File: BF090025.D

Acq: 8 Sep 2016 15:32

Instrument :

BNA_F

ClientSampleId :

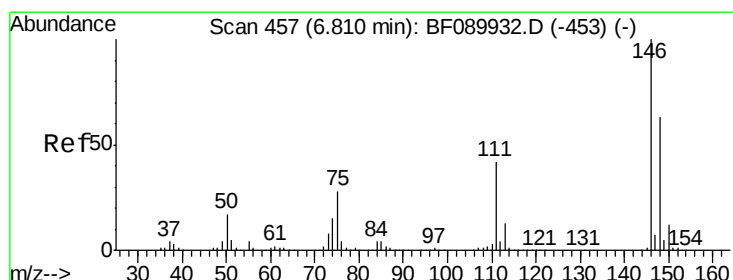
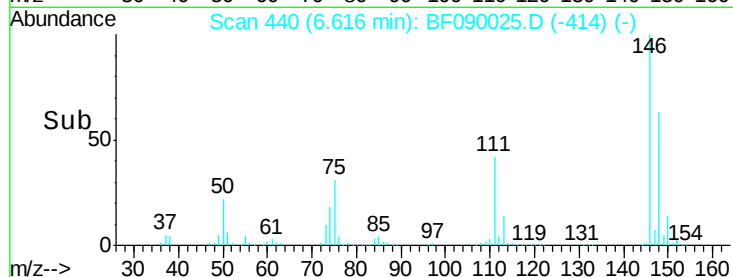
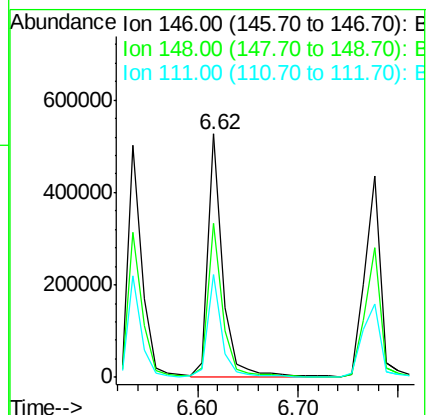
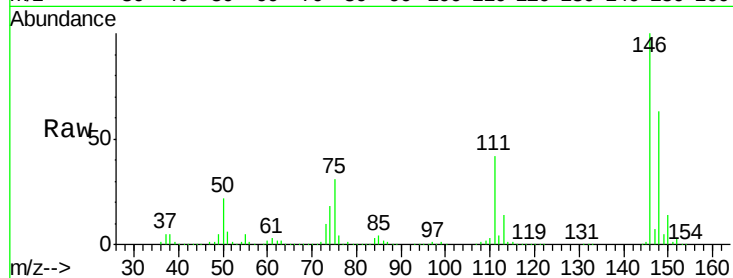
Tgt Ion:146 Resp: 536469

Ion Ratio Lower Upper

146 100

148 63.1 50.1 75.1

111 42.2 35.8 53.6



#14

1,2-Dichlorobenzene

Concen: 37.61 ng

RT: 6.78 min Scan# 454

Delta R.T. 0.00 min

Lab File: BF090025.D

Acq: 8 Sep 2016 15:32

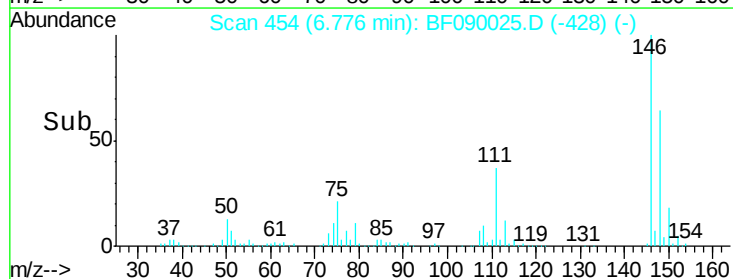
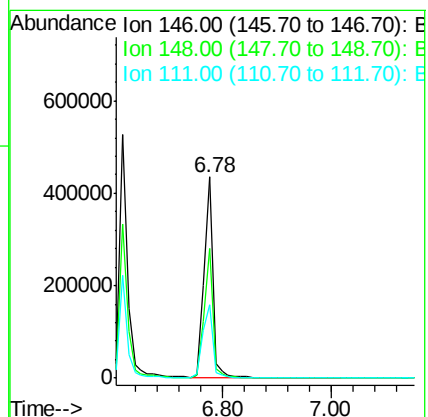
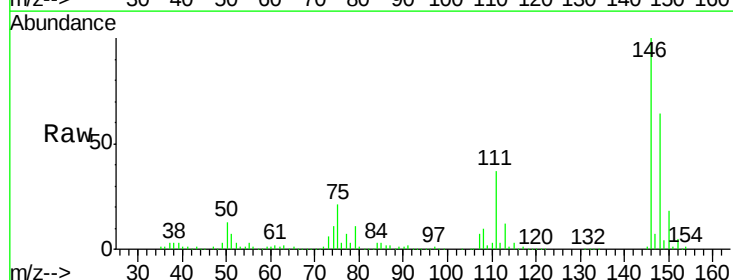
Tgt Ion:146 Resp: 491045

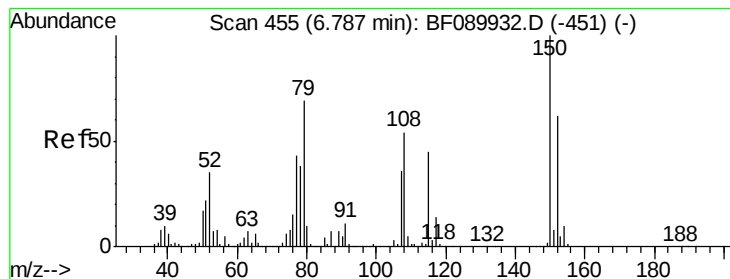
Ion Ratio Lower Upper

146 100

148 64.3 51.4 77.2

111 36.8 34.6 51.8





#15

Benzyl Alcohol

Concen: 39.59 ng

RT: 6.75 min Scan# 452

Delta R.T. 0.00 min

Lab File: BF090025.D

Acq: 8 Sep 2016 15:32

Instrument :
BNA_F
ClientSampled :

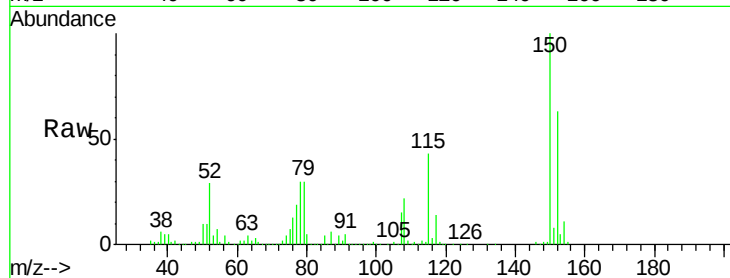
Tgt Ion: 79 Resp: 354029

Ion Ratio Lower Upper

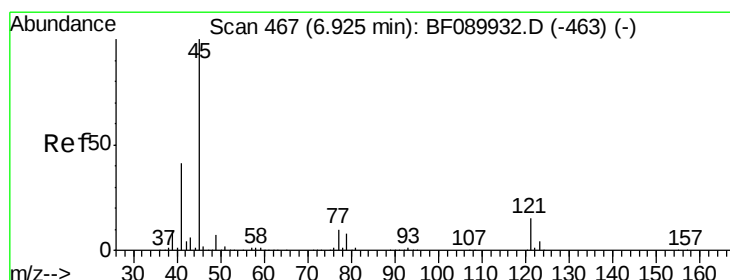
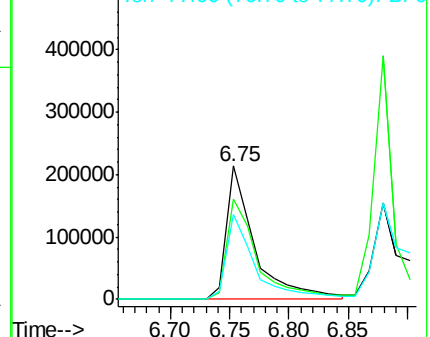
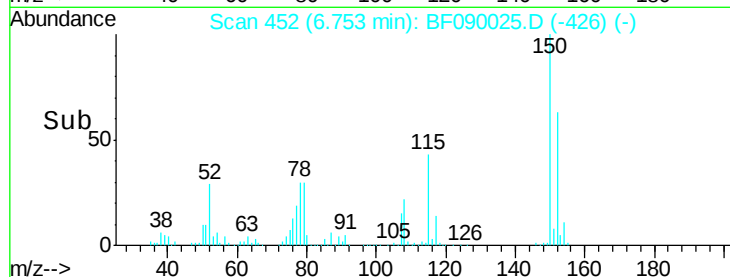
79 100

108 75.0 62.1 93.1

77 64.0 50.1 75.1



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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 34.71 ng

RT: 6.90 min Scan# 465

Delta R.T. 0.01 min

Lab File: BF090025.D

Acq: 8 Sep 2016 15:32

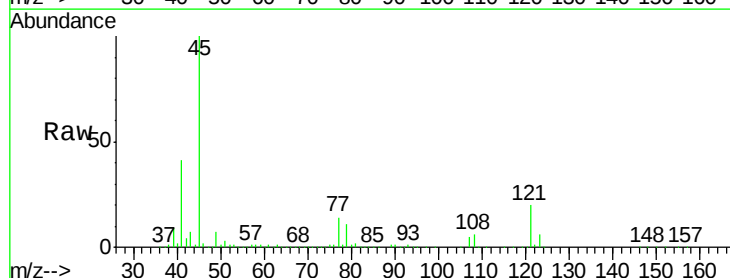
Tgt Ion: 45 Resp: 831455

Ion Ratio Lower Upper

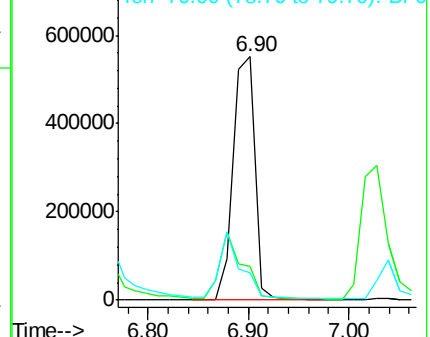
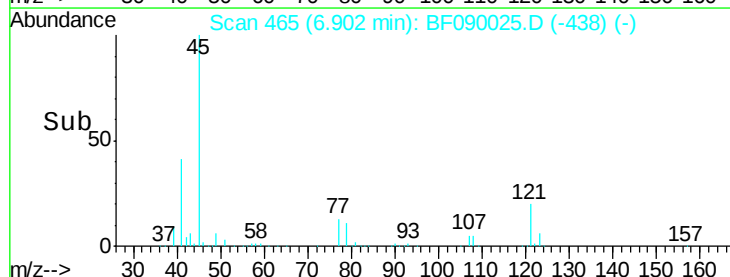
45 100

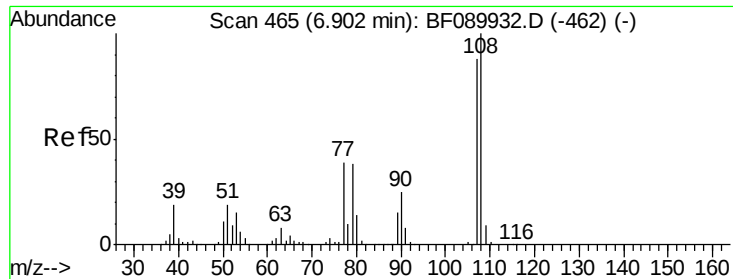
77 13.6 0.0 30.3

79 11.3 0.0 27.5



Abundance Ion 45.00 (44.70 to 45.70): BF0
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

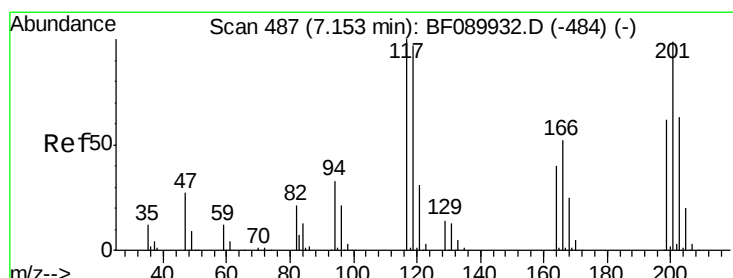
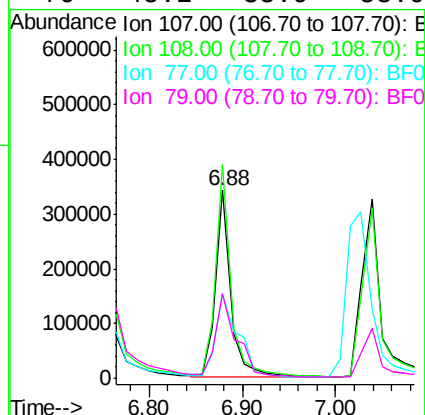
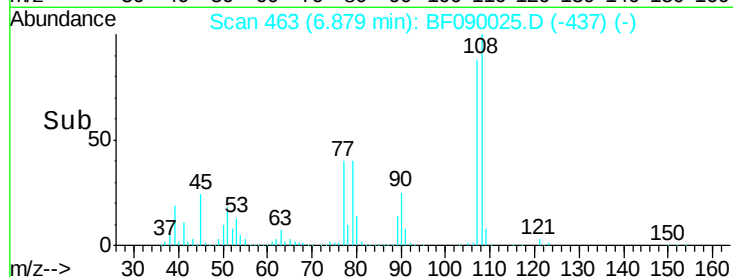
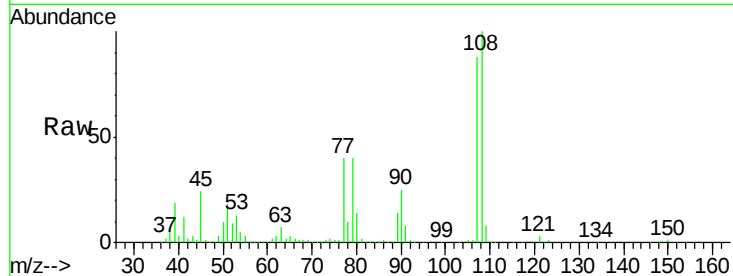




#17
2-Methylphenol
Concen: 37.84 ng
RT: 6.88 min Scan# 463
Delta R.T. 0.00 min
Lab File: BF090025.D
Acq: 8 Sep 2016 15:32

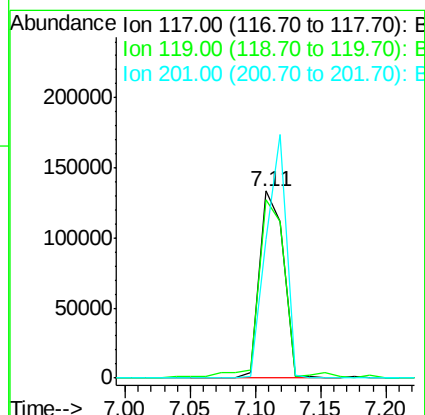
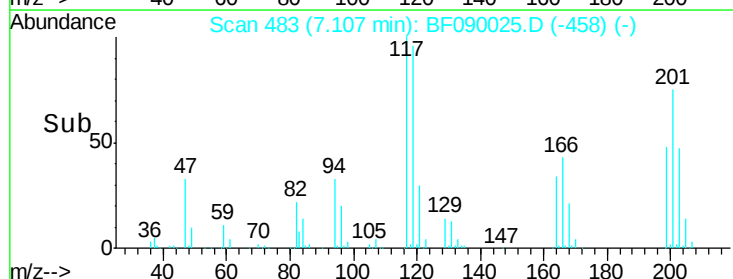
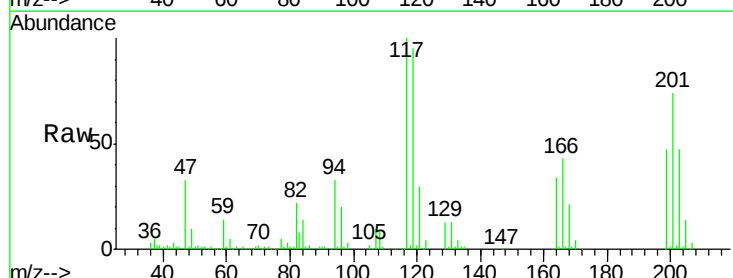
Instrument :
BNA_F
ClientSampleId :

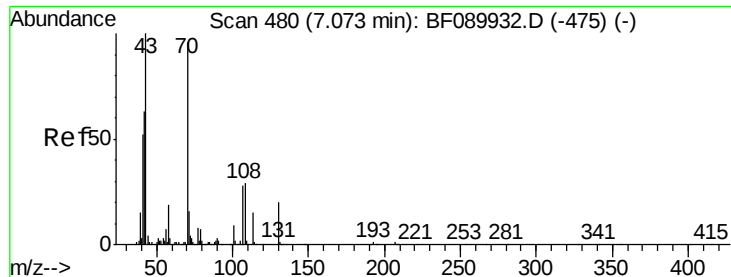
Tgt Ion:107 Resp: 385204
Ion Ratio Lower Upper
107 100
108 113.6 91.8 137.6
77 45.2 36.0 54.0
79 45.2 35.9 53.9



#18
Hexachloroethane
Concen: 34.93 ng
RT: 7.11 min Scan# 483
Delta R.T. -0.01 min
Lab File: BF090025.D
Acq: 8 Sep 2016 15:32

Tgt Ion:117 Resp: 174284
Ion Ratio Lower Upper
117 100
119 95.3 76.2 114.2
201 74.4 80.2 120.2#

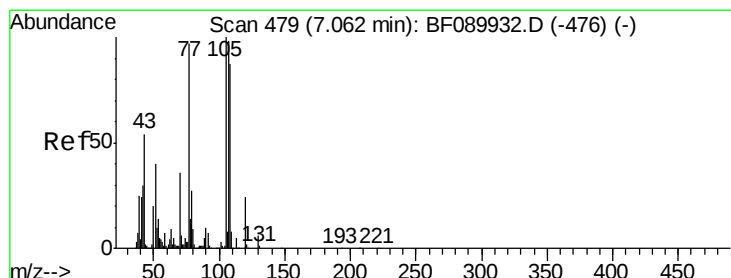
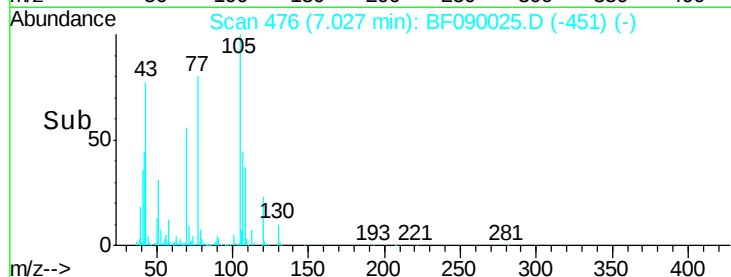
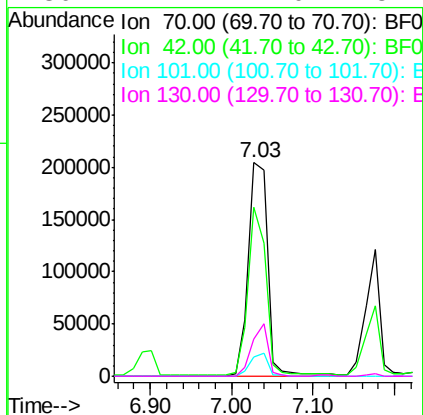
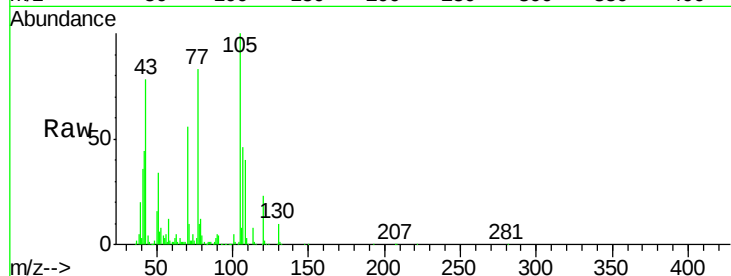




#19
n-Nitroso-di-n-propylamine
Concen: 36.58 ng
RT: 7.03 min Scan# 476
Delta R.T. -0.01 min
Lab File: BF090025.D
Acq: 8 Sep 2016 15:32

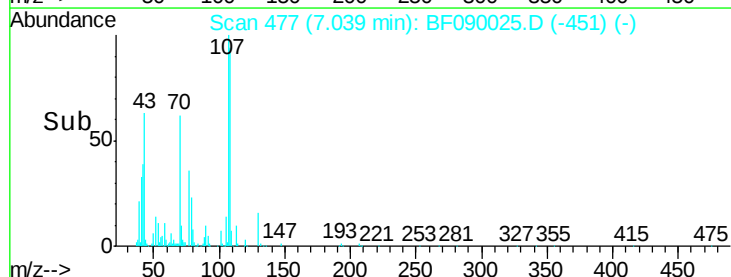
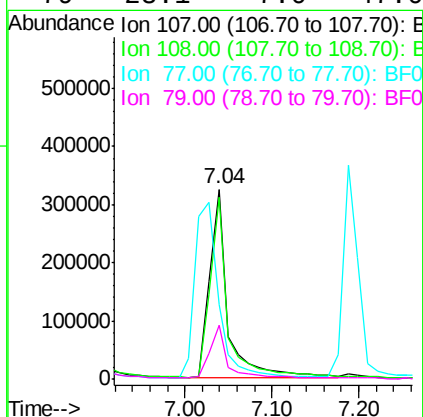
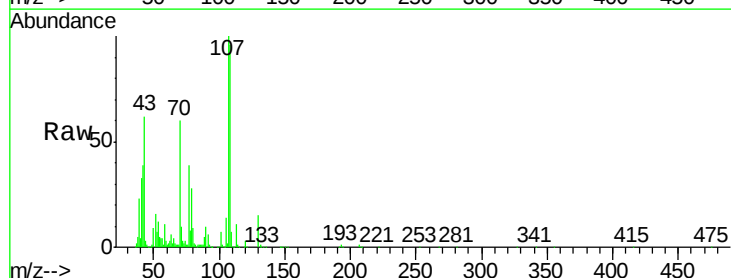
Instrument :
BNA_F
ClientSampleId :

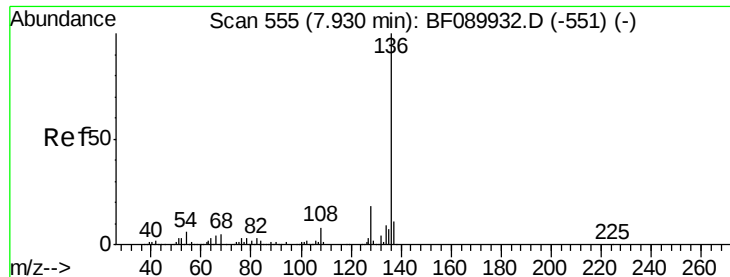
Tgt Ion: 70 Resp: 340300
Ion Ratio Lower Upper
70 100
42 78.9 52.1 78.1#
101 8.9 7.4 11.2
130 17.4 17.0 25.4



#20
3+4-Methylphenols
Concen: 39.25 ng
RT: 7.04 min Scan# 477
Delta R.T. 0.00 min
Lab File: BF090025.D
Acq: 8 Sep 2016 15:32

Tgt Ion: 107 Resp: 484280
Ion Ratio Lower Upper
107 100
108 95.5 70.2 110.2
77 39.0 75.7 115.7#
79 28.1 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: BF090025.D

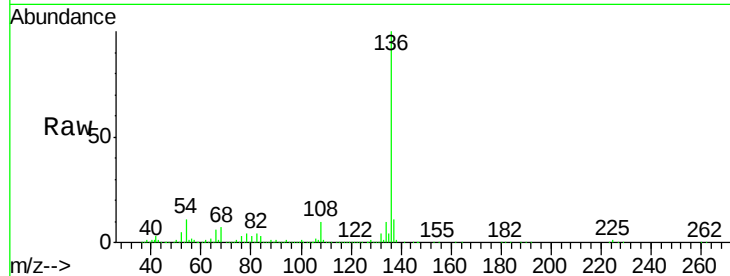
Acq: 8 Sep 2016 15:32

Instrument :

BNA_F

ClientSampleId :

Tgt Ion:	136	Resp:	762652
Ion Ratio	Lower	Upper	
136	100		
137	10.9	8.3	12.5
54	10.7	4.8	7.2#
68	7.3	3.7	5.5#

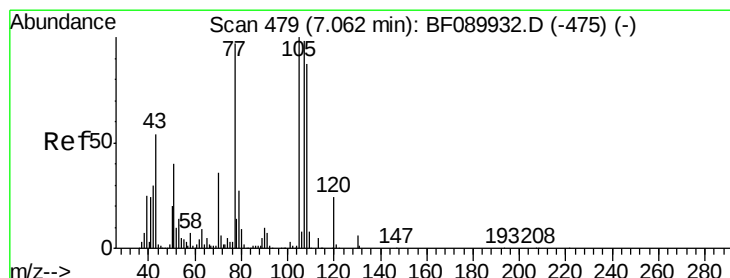
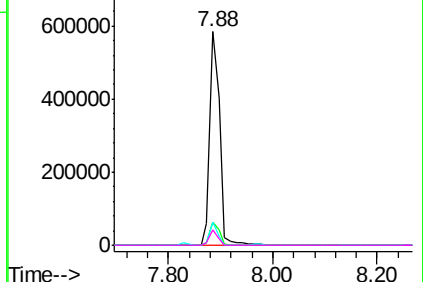
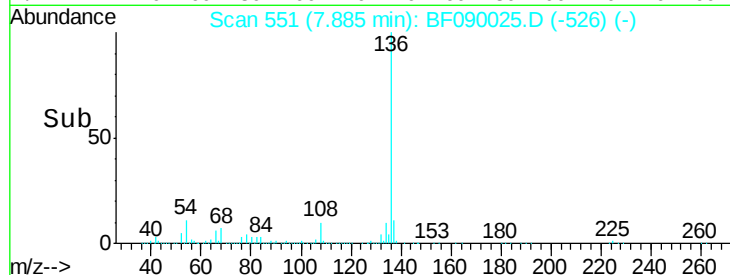


Abundance Ion 136.00 (135.70 to 136.70): E

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: 35.33 ng

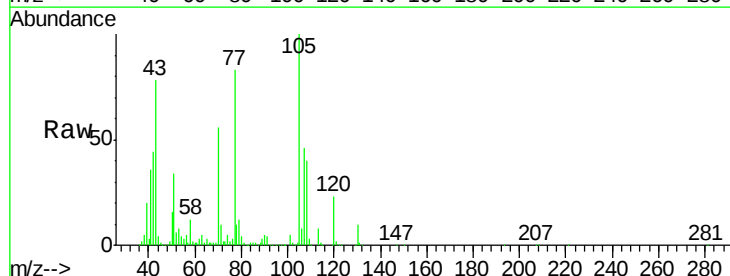
RT: 7.03 min Scan# 476

Delta R.T. 0.00 min

Lab File: BF090025.D

Acq: 8 Sep 2016 15:32

Tgt Ion:	105	Resp:	604526
Ion Ratio	Lower	Upper	
105	100		
71	9.6	5.3	7.9#
51	33.6	32.6	48.8
120	23.4	18.6	28.0

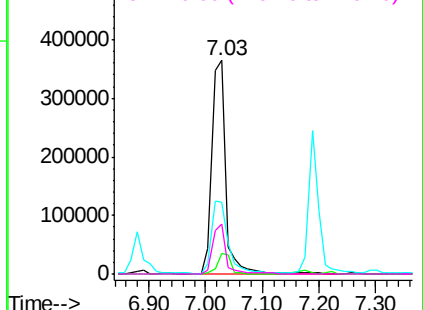
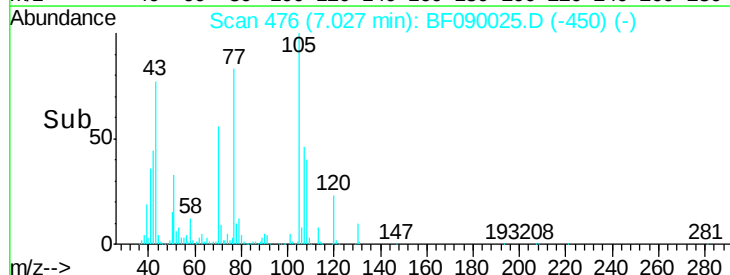


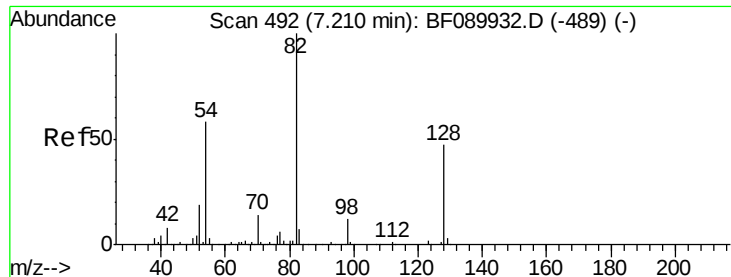
Abundance Ion 105.00 (104.70 to 105.70): E

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

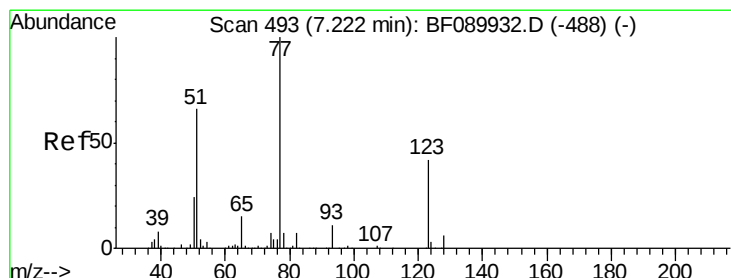
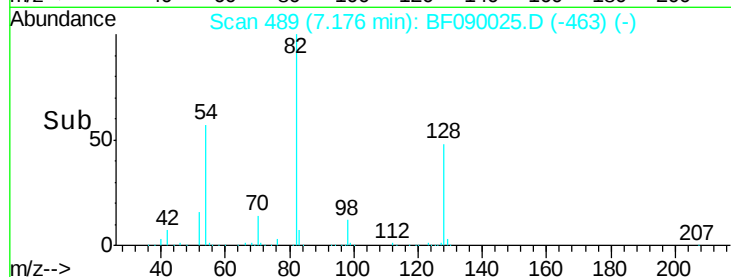
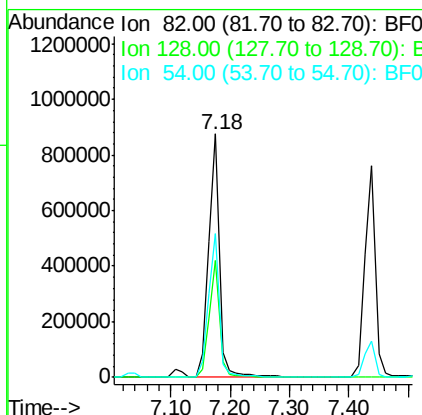
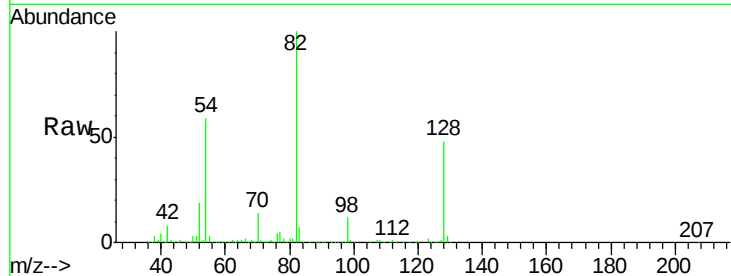




#23
 Nitrobenzene-d5
 Concen: 85.24 ng
 RT: 7.18 min Scan# 489
 Delta R.T. 0.00 min
 Lab File: BF090025.D
 Acq: 8 Sep 2016 15:32

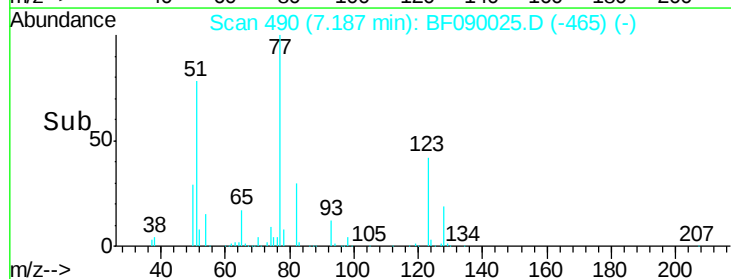
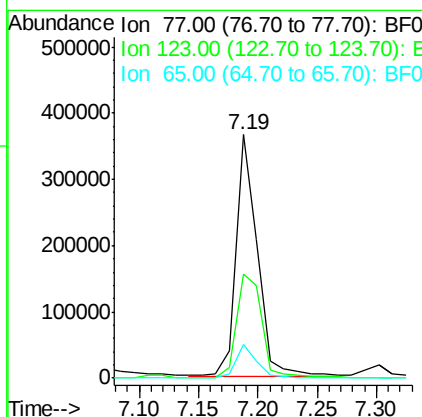
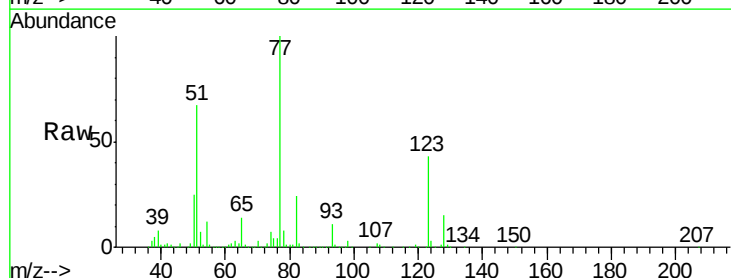
Instrument :
 BNA_F
 ClientSampled :

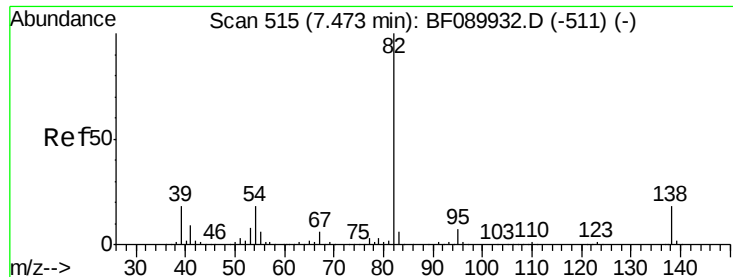
Tgt Ion: 82 Resp: 1120887
 Ion Ratio Lower Upper
 82 100
 128 48.1 37.8 56.8
 54 58.9 46.9 70.3



#24
 Nitrobenzene
 Concen: 33.13 ng
 RT: 7.19 min Scan# 490
 Delta R.T. -0.01 min
 Lab File: BF090025.D
 Acq: 8 Sep 2016 15:32

Tgt Ion: 77 Resp: 463238
 Ion Ratio Lower Upper
 77 100
 123 42.7 32.0 48.0
 65 14.0 11.2 16.8





#25

Isophorone

Concen: 34.82 ng

RT: 7.44 min Scan# 512

Delta R.T. 0.00 min

Lab File: BF090025.D

Acq: 8 Sep 2016 15:32

Instrument :

BNA_F

ClientSampled :

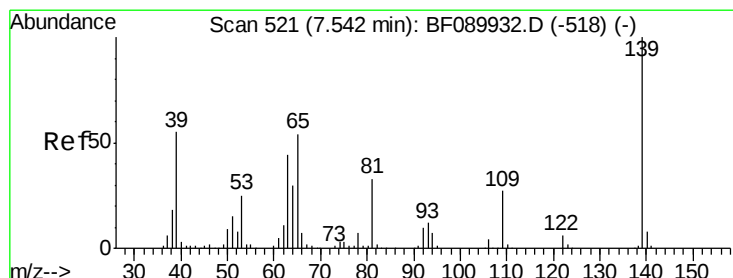
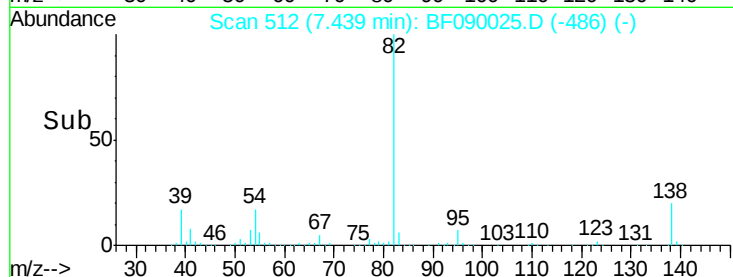
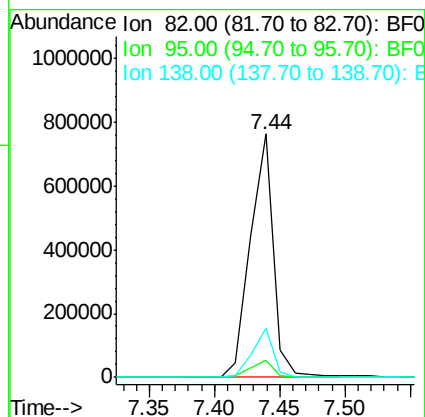
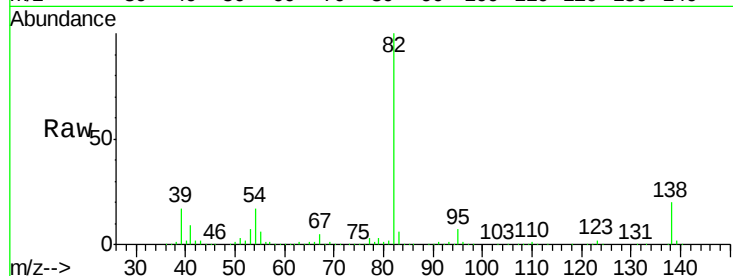
Tgt Ion: 82 Resp: 931172

Ion Ratio Lower Upper

82 100

95 6.9 5.5 8.3

138 19.9 14.4 21.6



#26

2-Nitrophenol

Concen: 41.25 ng

RT: 7.51 min Scan# 518

Delta R.T. 0.00 min

Lab File: BF090025.D

Acq: 8 Sep 2016 15:32

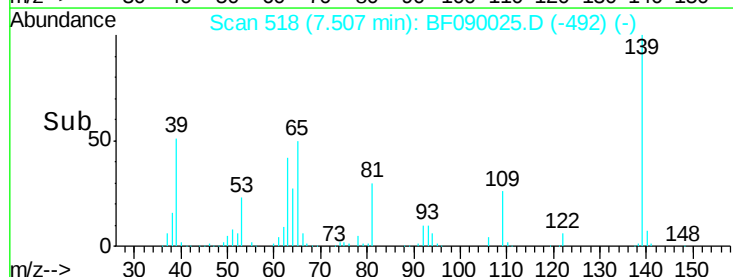
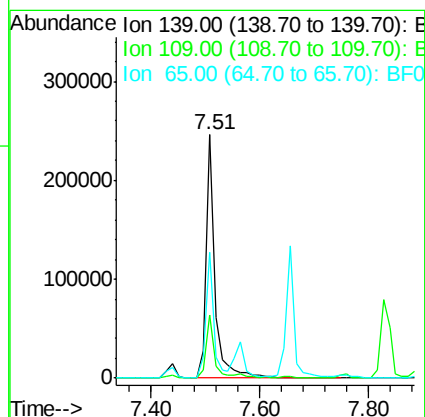
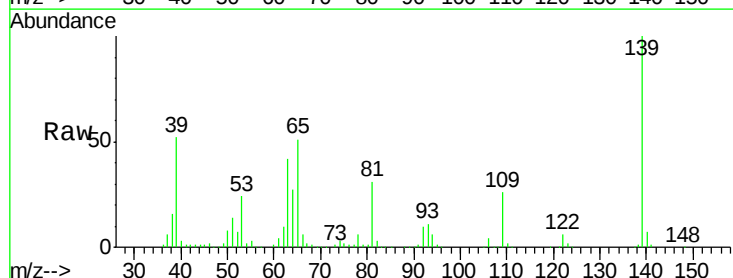
Tgt Ion: 139 Resp: 275693

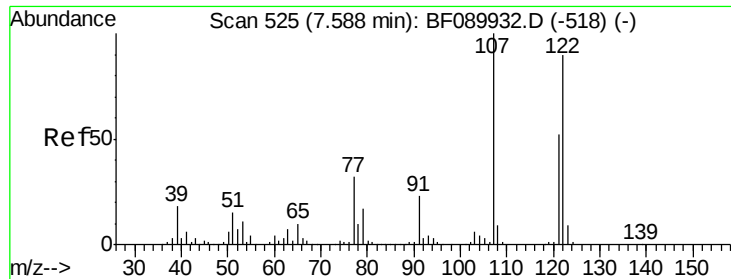
Ion Ratio Lower Upper

139 100

109 26.0 21.0 31.4

65 51.5 43.4 65.0

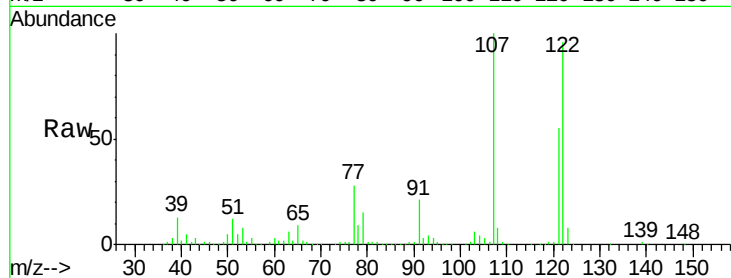




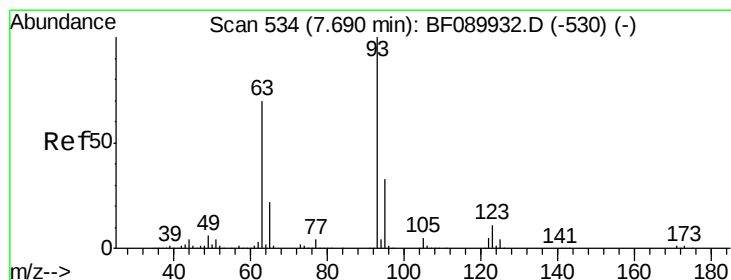
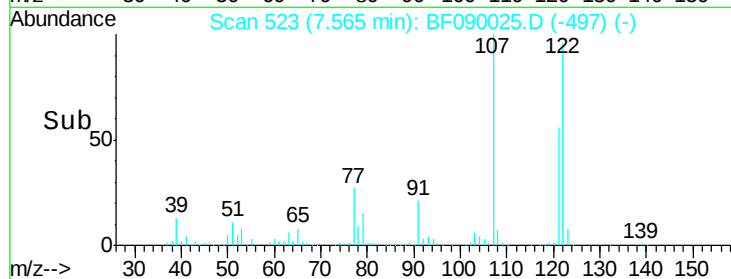
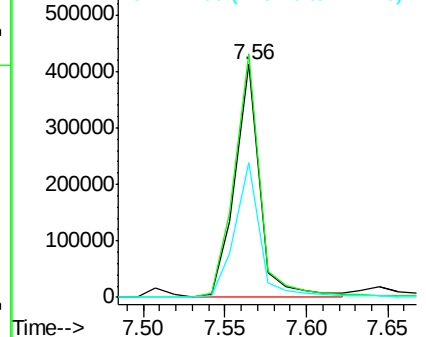
#27
 2,4-Dimethylphenol
 Concen: 35.44 ng
 RT: 7.56 min Scan# 523
 Delta R.T. 0.00 min
 Lab File: BF090025.D
 Acq: 8 Sep 2016 15:32

Instrument :
 BNA_F
 ClientSampled :

Tgt Ion:122 Resp: 438060
 Ion Ratio Lower Upper
 122 100
 107 104.6 88.5 132.7
 121 57.8 46.0 69.0

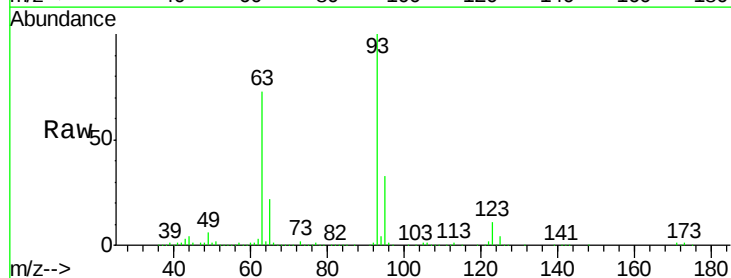


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

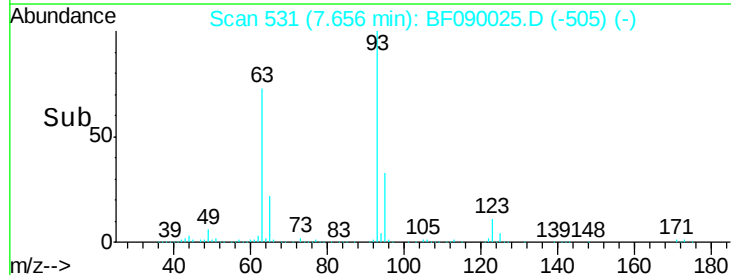
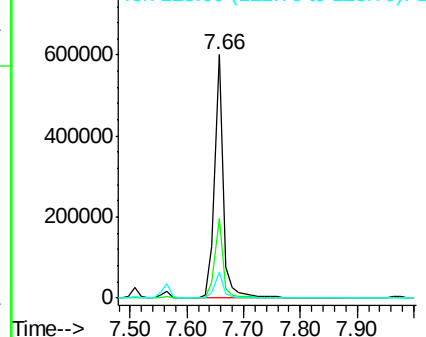


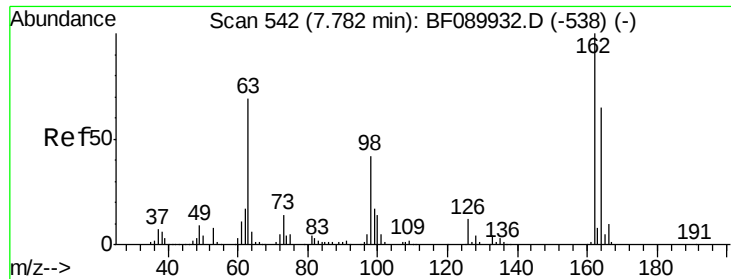
#28
 bis(2-Chloroethoxy)methane
 Concen: 37.84 ng
 RT: 7.66 min Scan# 531
 Delta R.T. 0.00 min
 Lab File: BF090025.D
 Acq: 8 Sep 2016 15:32

Tgt Ion: 93 Resp: 610350
 Ion Ratio Lower Upper
 93 100
 95 32.8 26.6 40.0
 123 10.8 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

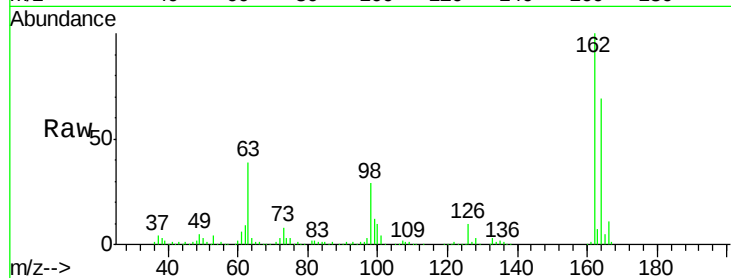




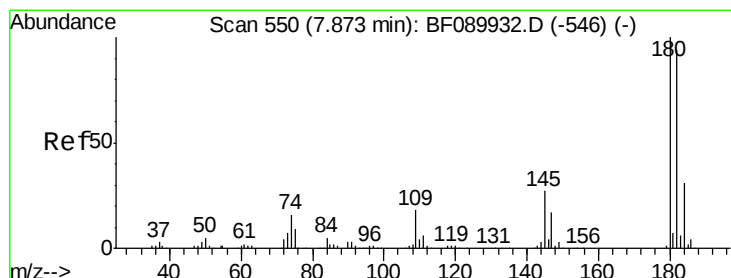
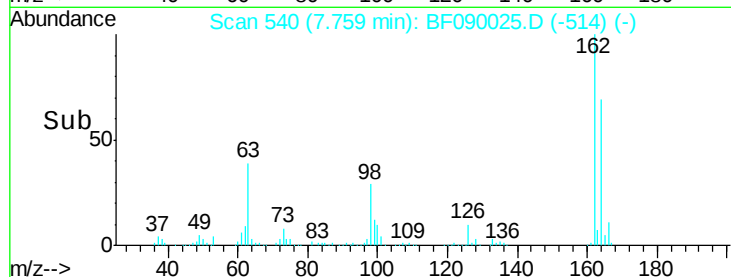
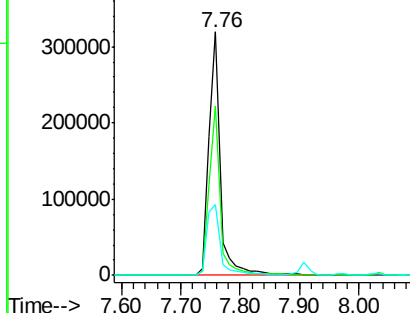
#29
 2,4-Dichlorophenol
 Concen: 38.88 ng
 RT: 7.76 min Scan# 540
 Delta R.T. 0.00 min
 Lab File: BF090025.D
 Acq: 8 Sep 2016 15:32

Instrument :
 BNA_F
 ClientSampleId :

Tgt Ion	Ratio	Lower	Upper
162	100		
164	69.3	46.6	86.6
98	29.2	22.0	62.0

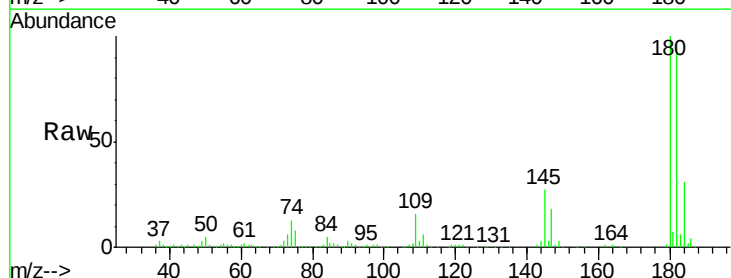


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

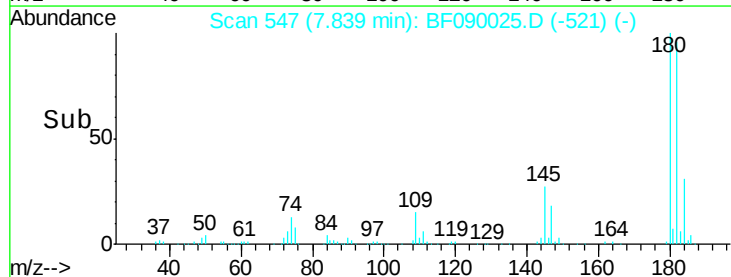
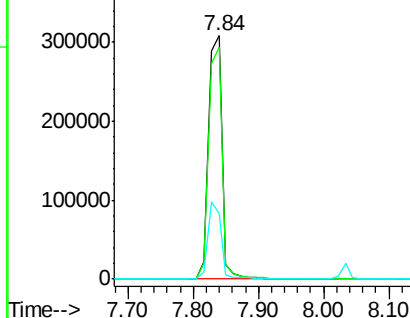


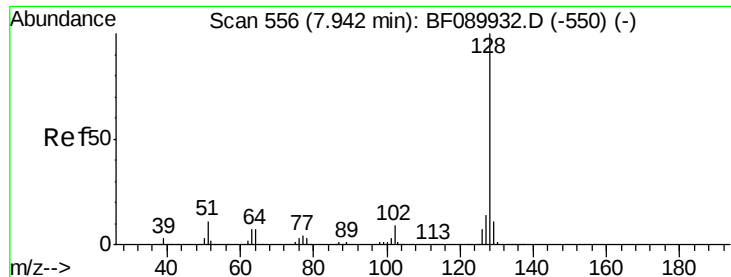
#30
 1,2,4-Trichlorobenzene
 Concen: 37.44 ng
 RT: 7.84 min Scan# 547
 Delta R.T. 0.00 min
 Lab File: BF090025.D
 Acq: 8 Sep 2016 15:32

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.6	76.2	114.2
145	26.9	22.2	33.4



Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 35.14 ng

RT: 7.91 min Scan# 553

Delta R.T. 0.00 min

Lab File: BF090025.D

Acq: 8 Sep 2016 15:32

Instrument :

BNA_F

ClientSampleId :

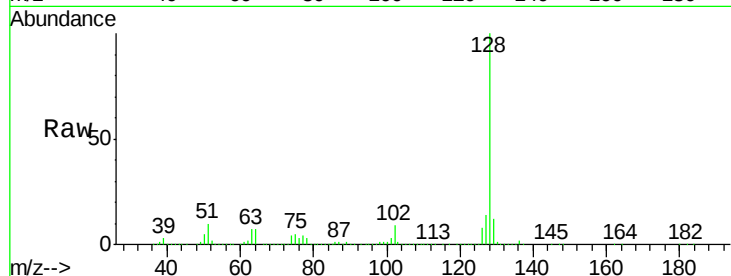
Tgt Ion:128 Resp: 1334944

Ion Ratio Lower Upper

128 100

129 11.5 9.4 14.0

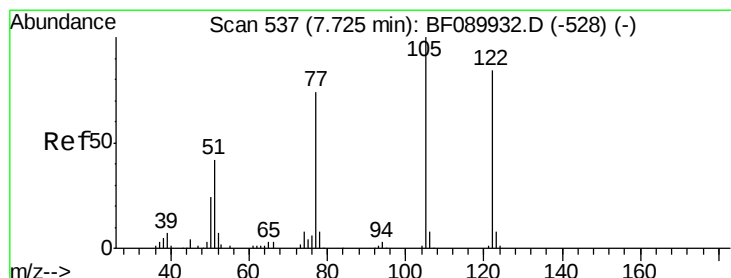
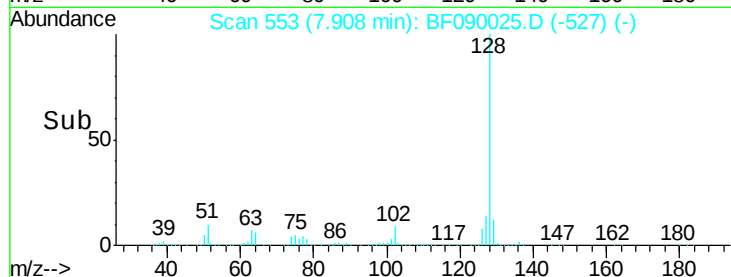
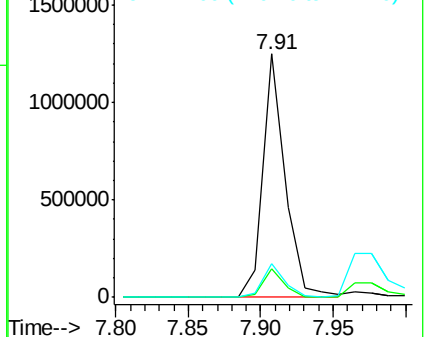
127 13.6 10.7 16.1



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 5.46 ng

RT: 7.64 min Scan# 530

Delta R.T. -0.07 min

Lab File: BF090025.D

Acq: 8 Sep 2016 15:32

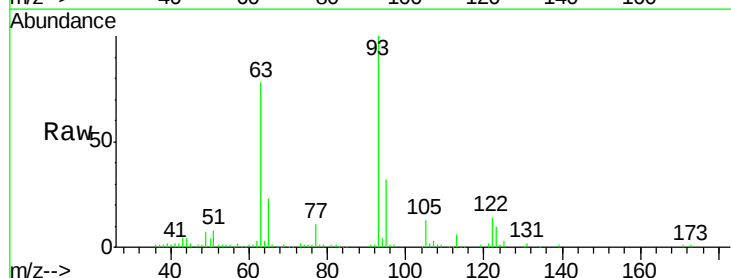
Tgt Ion:122 Resp: 45462

Ion Ratio Lower Upper

122 100

105 92.3 102.2 142.2#

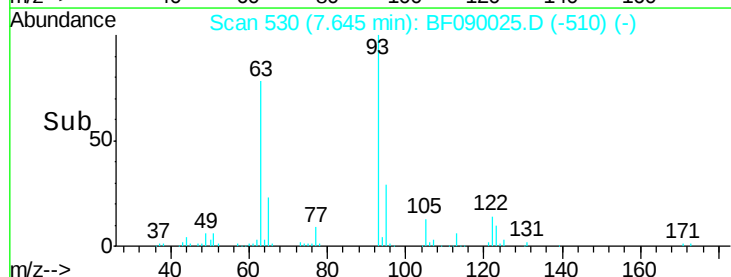
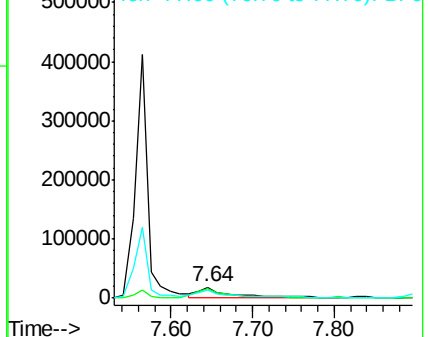
77 78.1 74.1 114.1

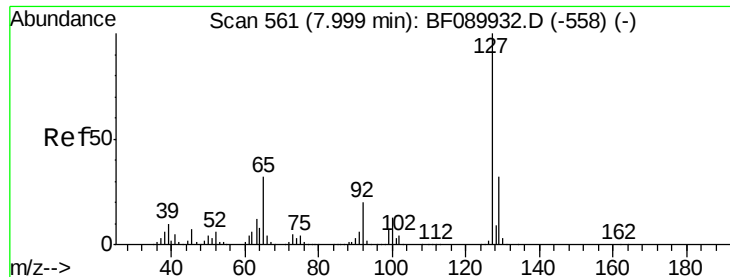


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

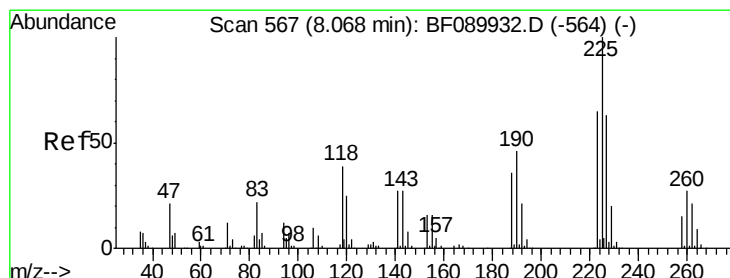
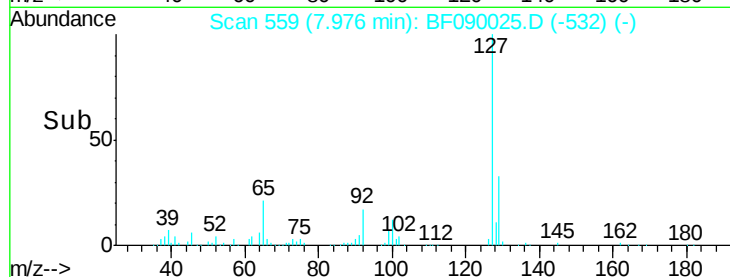
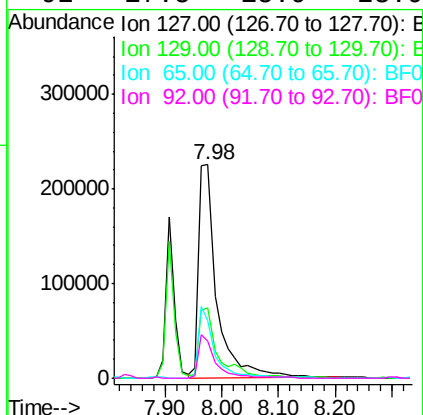
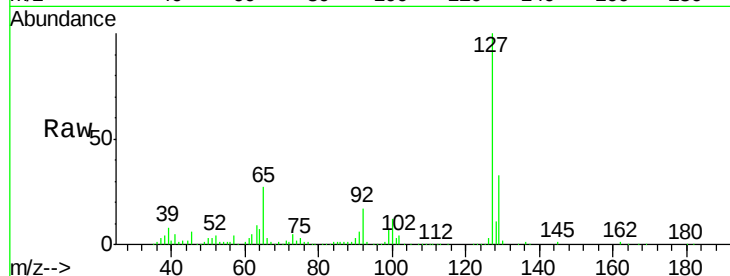




#33
4-Chloroaniline
Concen: 31.89 ng
RT: 7.98 min Scan# 559
Delta R.T. 0.01 min
Lab File: BF090025.D
Acq: 8 Sep 2016 15:32

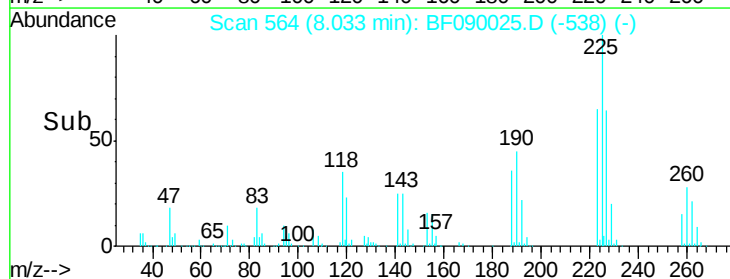
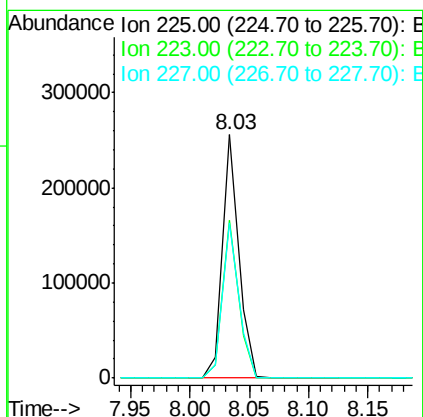
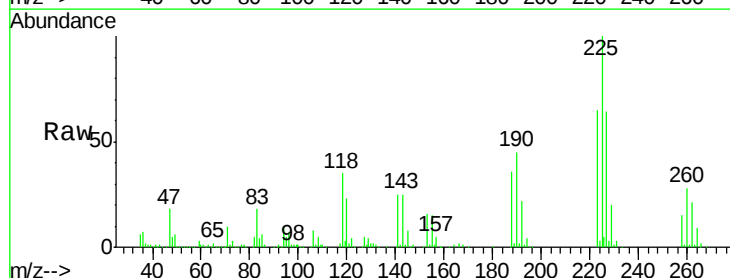
Instrument :
BNA_F
ClientSampleId :

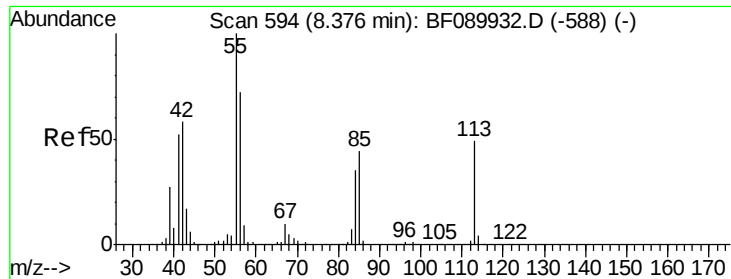
Tgt Ion:	127	Resp:	488797
Ion	Ratio	Lower	Upper
127	100		
129	33.0	25.9	38.9
65	27.1	26.0	39.0
92	17.5	15.9	23.9



#34
Hexachlorobutadiene
Concen: 34.18 ng
RT: 8.03 min Scan# 564
Delta R.T. 0.00 min
Lab File: BF090025.D
Acq: 8 Sep 2016 15:32

Tgt Ion:	225	Resp:	242686
Ion	Ratio	Lower	Upper
225	100		
223	64.9	52.6	78.8
227	63.9	50.8	76.2





#35

Caprolactam

Concen: 36.28 ng

RT: 8.34 min Scan# 591

Delta R.T. -0.01 min

Lab File: BF090025.D

Acq: 8 Sep 2016 15:32

Instrument :

BNA_F

ClientSampleId :

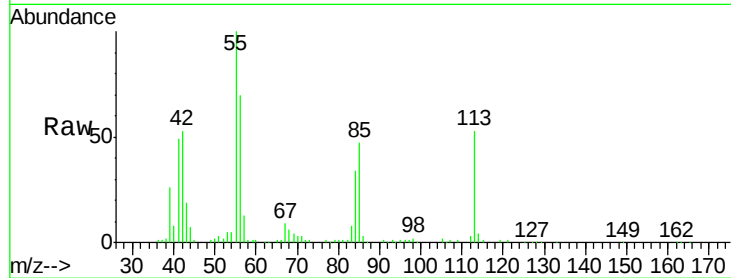
Tgt Ion:113 Resp: 126918

Ion Ratio Lower Upper

113 100

55 189.1 178.5 218.5

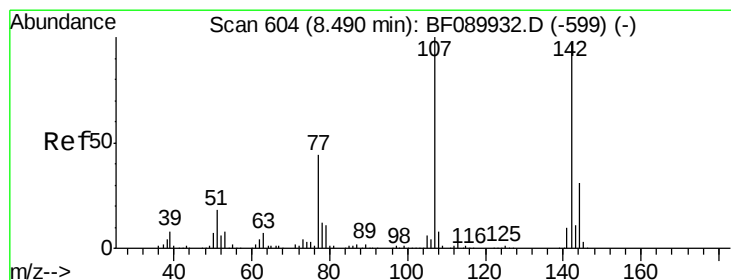
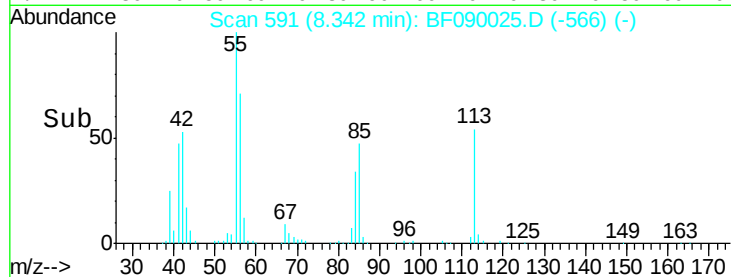
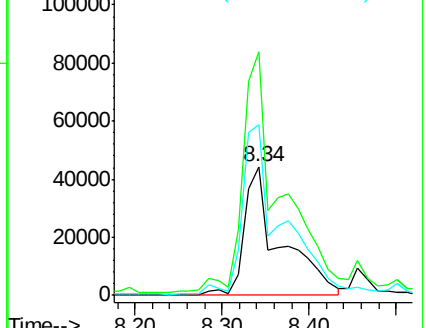
56 133.0 122.7 162.7



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: 35.63 ng

RT: 8.46 min Scan# 601

Delta R.T. 0.00 min

Lab File: BF090025.D

Acq: 8 Sep 2016 15:32

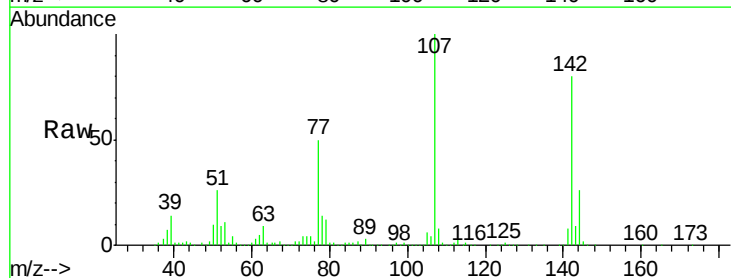
Tgt Ion:107 Resp: 418213

Ion Ratio Lower Upper

107 100

144 25.8 25.8 38.8#

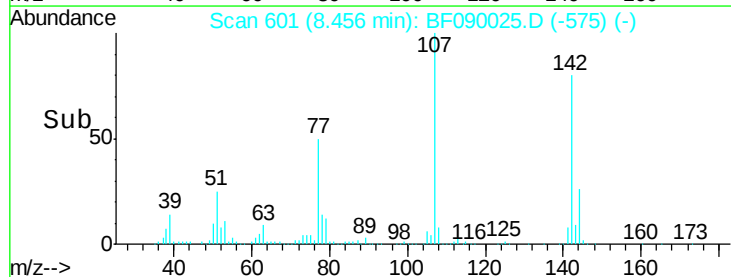
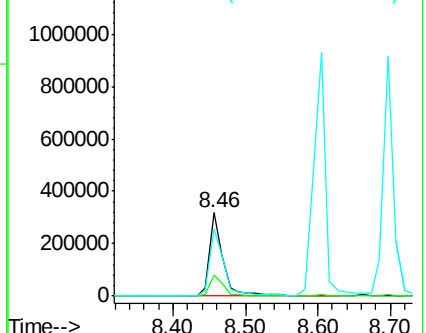
142 79.8 79.2 118.8

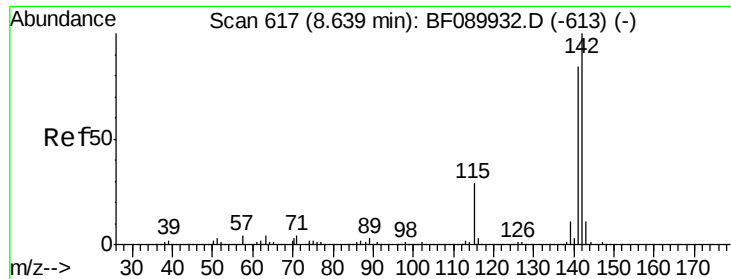


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

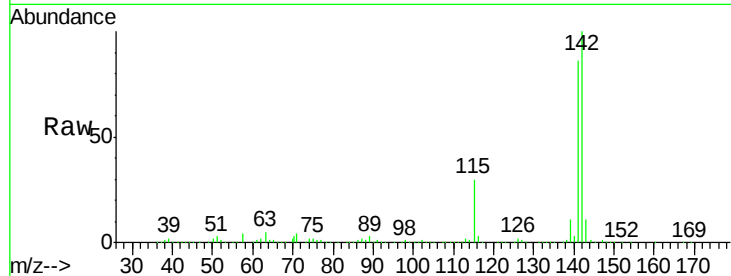




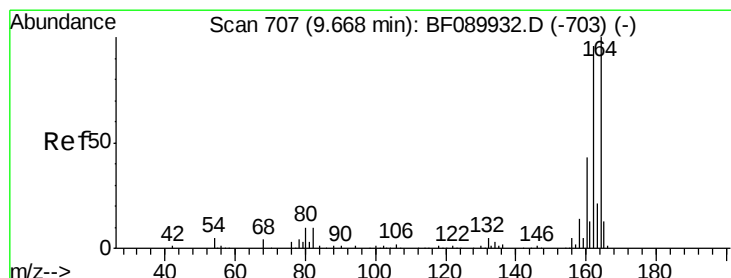
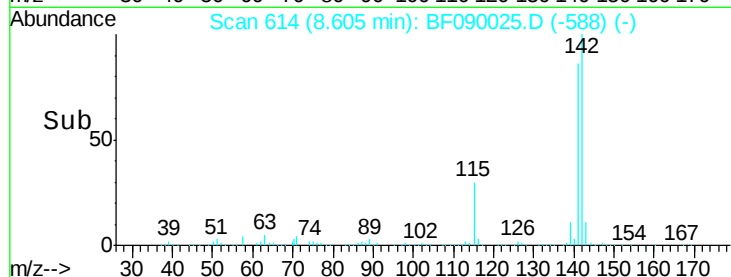
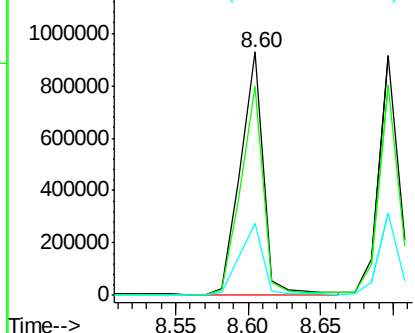
#37
2-Methylnaphthalene
Concen: 41.07 ng
RT: 8.60 min Scan# 614
Delta R.T. 0.00 min
Lab File: BF090025.D
Acq: 8 Sep 2016 15:32

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:142 Resp: 1031127
Ion Ratio Lower Upper
142 100
141 85.8 68.3 102.5
115 29.7 23.8 35.8

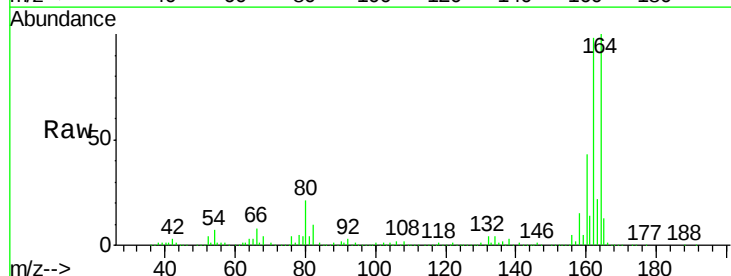


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

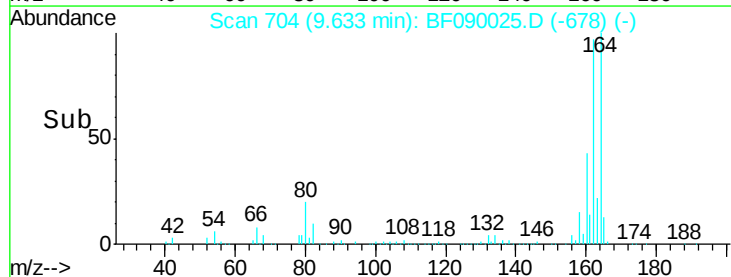
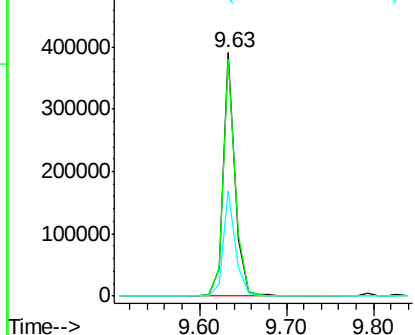


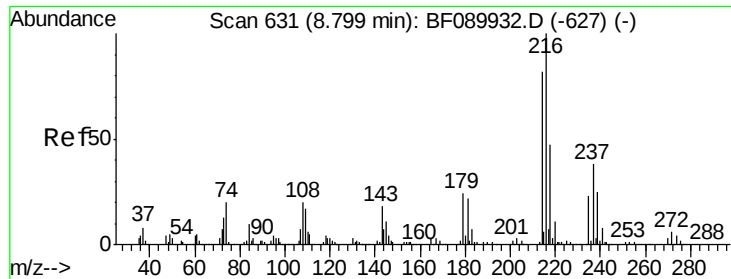
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.63 min Scan# 704
Delta R.T. 0.00 min
Lab File: BF090025.D
Acq: 8 Sep 2016 15:32

Tgt Ion:164 Resp: 373688
Ion Ratio Lower Upper
164 100
162 97.6 77.1 115.7
160 43.2 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

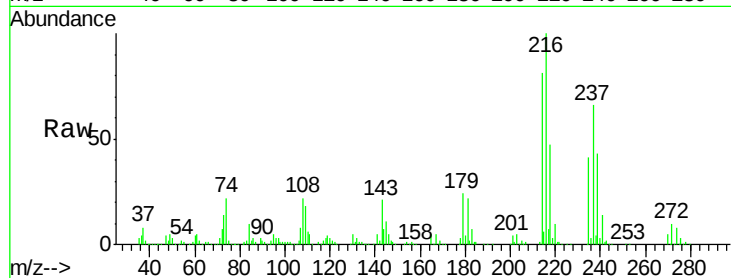




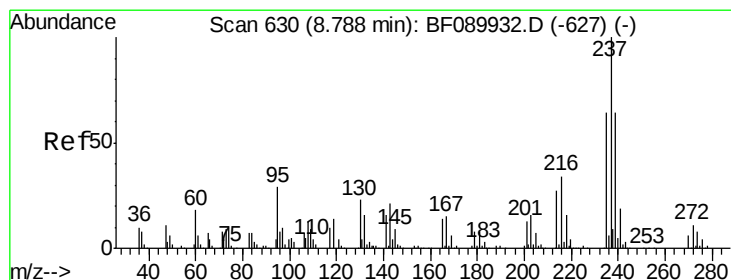
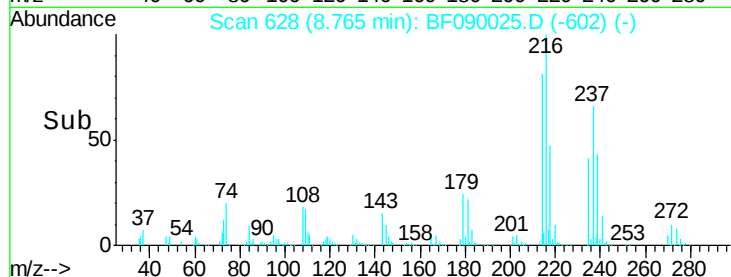
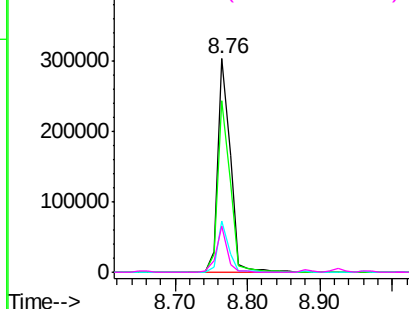
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 33.34 ng
 RT: 8.76 min Scan# 628
 Delta R.T. 0.00 min
 Lab File: BF090025.D
 Acq: 8 Sep 2016 15:32

Instrument :
 BNA_F
 ClientSampleId :

Tgt Ion:	216	Resp:	365013
Ion	Ratio	Lower	Upper
216	100		
214	78.5	63.4	95.2
179	21.1	17.3	25.9
108	19.2	15.5	23.3

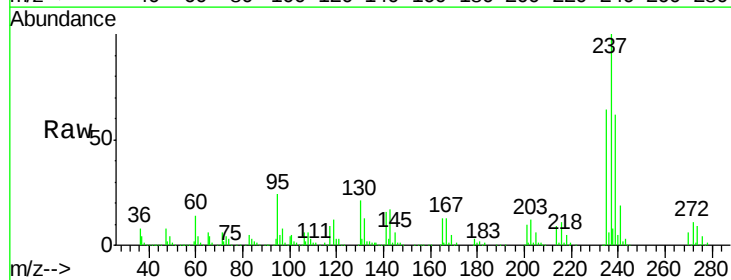


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

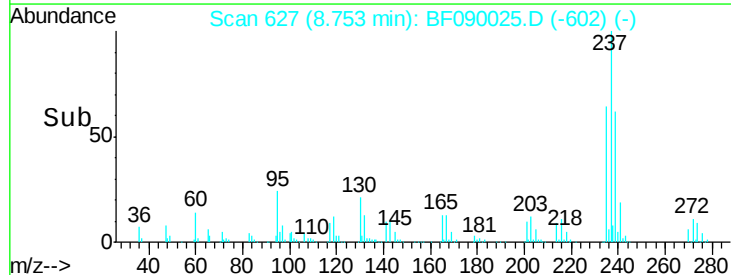
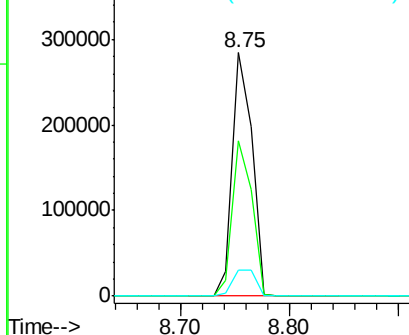


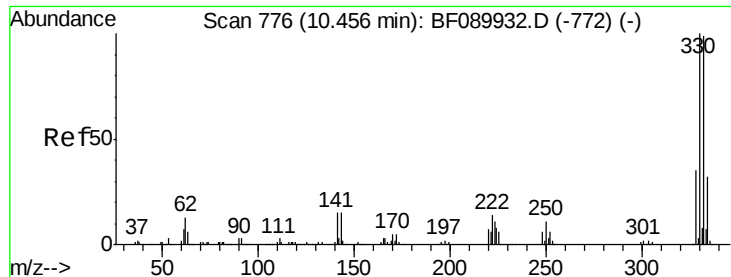
#40
 Hexachlorocyclopentadiene
 Concen: 63.09 ng
 RT: 8.75 min Scan# 627
 Delta R.T. -0.01 min
 Lab File: BF090025.D
 Acq: 8 Sep 2016 15:32

Tgt Ion:	237	Resp:	354119
Ion	Ratio	Lower	Upper
237	100		
235	63.8	39.6	79.6
272	10.9	0.0	34.6



Abundance Ion 236.80 (236.50 to 237.50): E
 Ion 234.90 (234.60 to 235.60): E
 Ion 271.75 (271.45 to 272.45): E

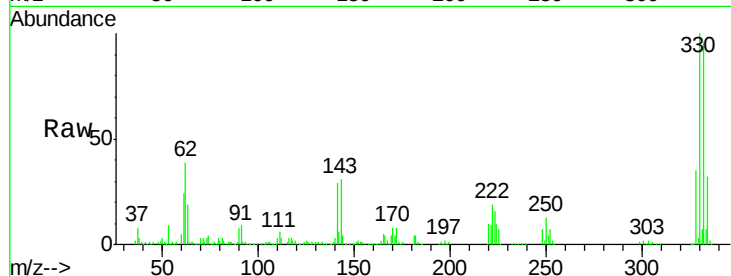




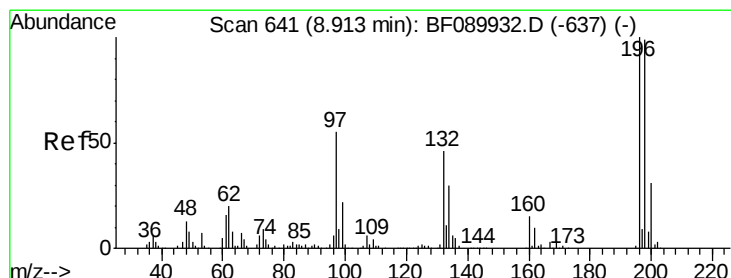
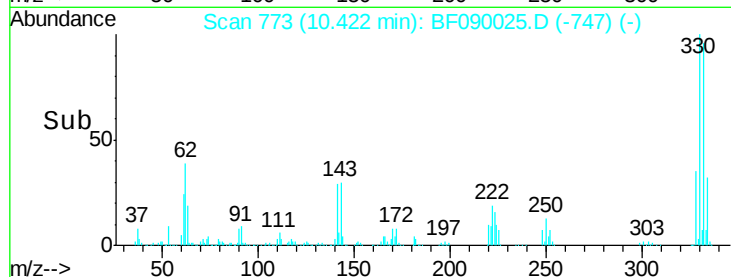
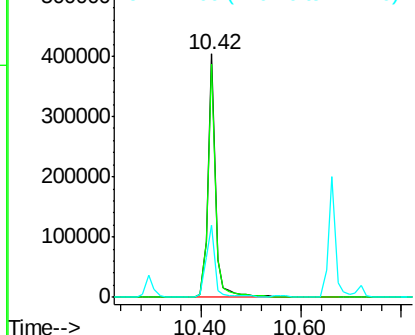
#41
 2,4,6-Tribromophenol
 Concen: 116.01 ng
 RT: 10.42 min Scan# 773
 Delta R.T. 0.00 min
 Lab File: BF090025.D
 Acq: 8 Sep 2016 15:32

Instrument :
 BNA_F
 ClientSampleId :

Tgt Ion:330 Resp: 427693
 Ion Ratio Lower Upper
 330 100
 332 96.9 78.6 117.8
 141 34.9 23.3 34.9

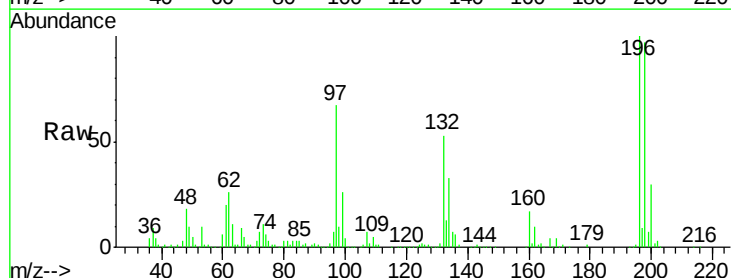


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

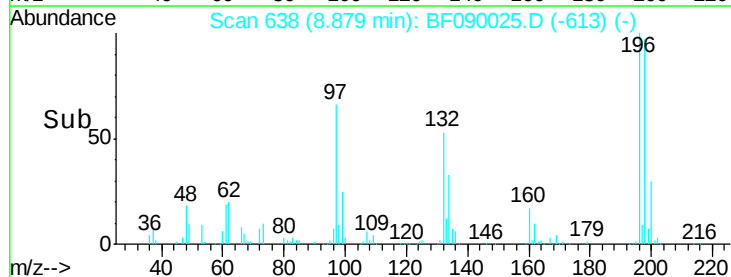
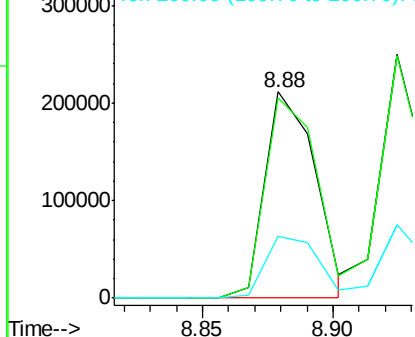


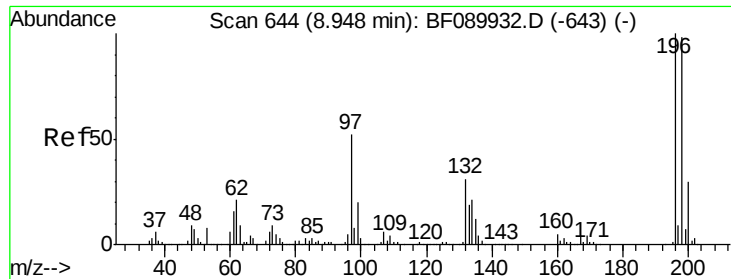
#42
 2,4,6-Trichlorophenol
 Concen: 37.48 ng
 RT: 8.88 min Scan# 638
 Delta R.T. -0.01 min
 Lab File: BF090025.D
 Acq: 8 Sep 2016 15:32

Tgt Ion:196 Resp: 284384
 Ion Ratio Lower Upper
 196 100
 198 97.1 78.3 117.5
 200 29.9 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

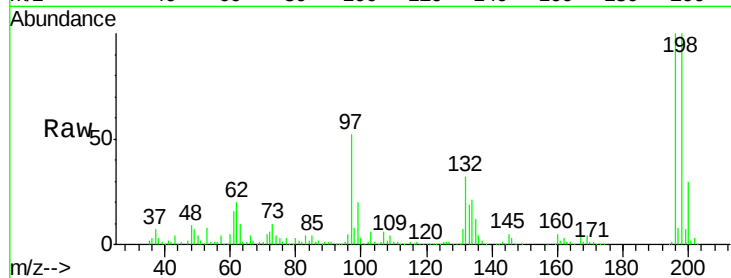




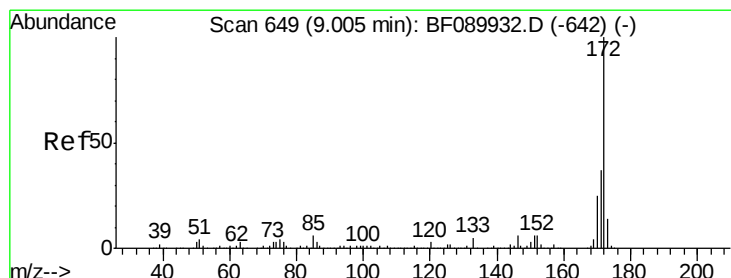
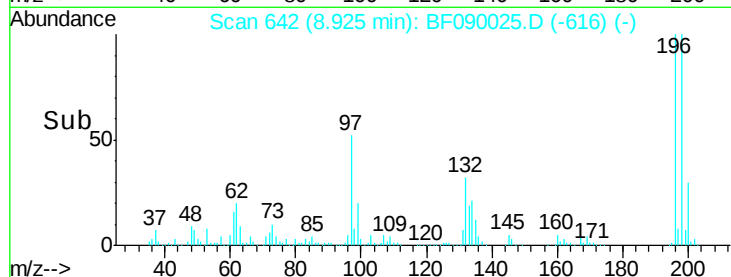
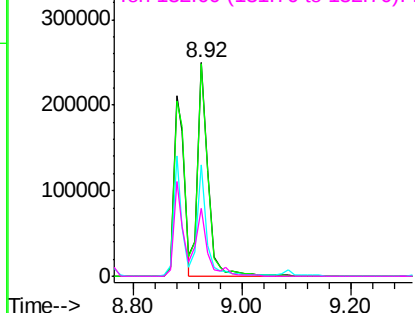
#43
 2,4,5-Trichlorophenol
 Concen: 45.07 ng
 RT: 8.92 min Scan# 642
 Delta R.T. 0.00 min
 Lab File: BF090025.D
 Acq: 8 Sep 2016 15:32

Instrument :
 BNA_F
 ClientSampleId :

Tgt Ion:	196	Resp:	328808
Ion	Ratio	Lower	Upper
196	100		
198	99.8	80.8	121.2
97	52.2	44.2	66.4
132	31.8	25.8	38.6

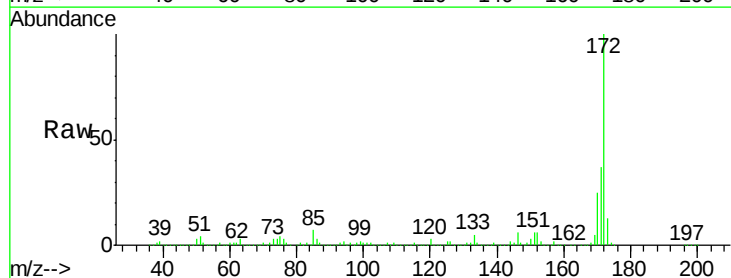


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

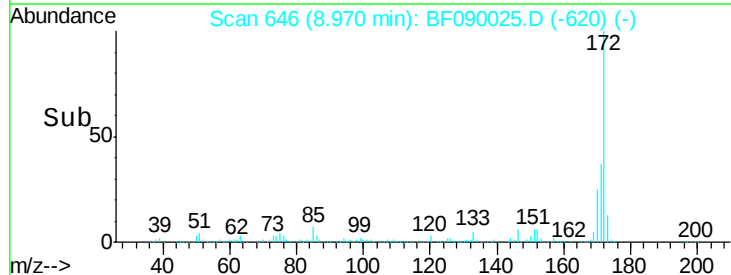
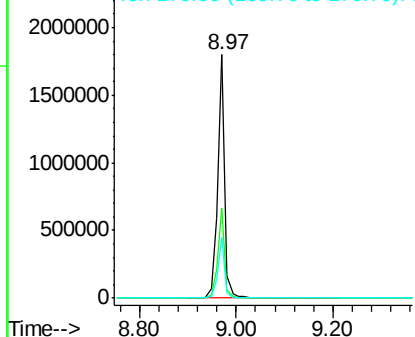


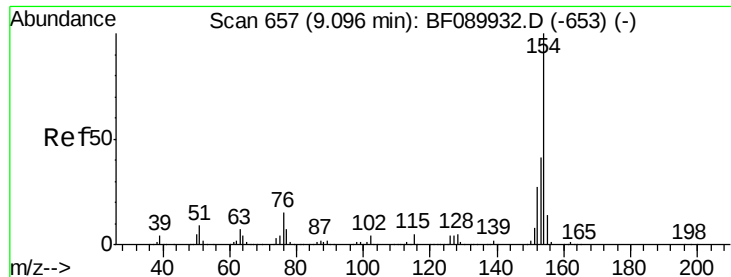
#44
 2-Fluorobiphenyl
 Concen: 81.54 ng
 RT: 8.97 min Scan# 646
 Delta R.T. 0.00 min
 Lab File: BF090025.D
 Acq: 8 Sep 2016 15:32

Tgt Ion:	172	Resp:	1856178
Ion	Ratio	Lower	Upper
172	100		
171	37.2	29.4	44.2
170	24.9	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: 32.90 ng

RT: 9.06 min Scan# 654

Delta R.T. -0.01 min

Lab File: BF090025.D

Acq: 8 Sep 2016 15:32

Instrument :

BNA_F

ClientSampleId :

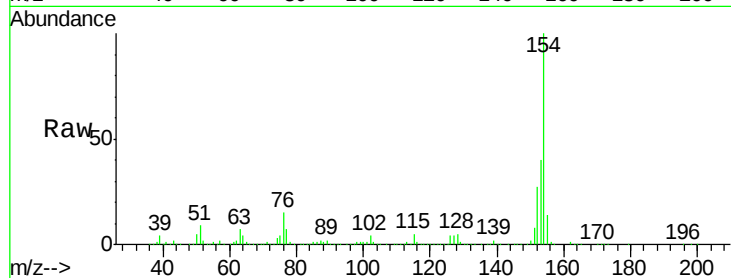
Tgt Ion:154 Resp: 989921

Ion Ratio Lower Upper

154 100

153 40.0 20.6 60.6

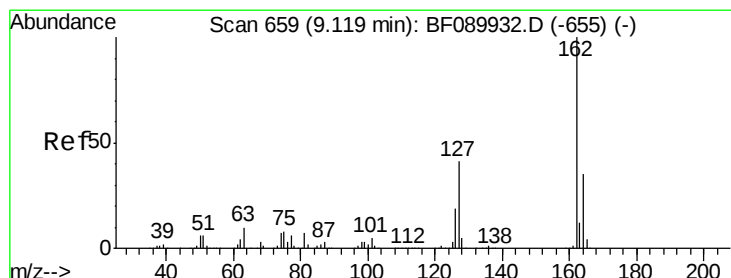
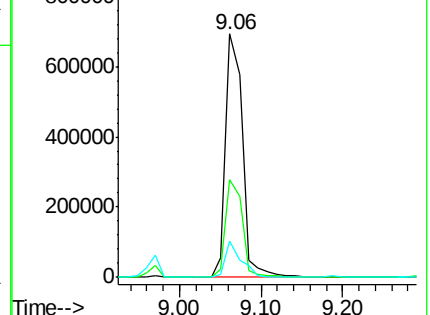
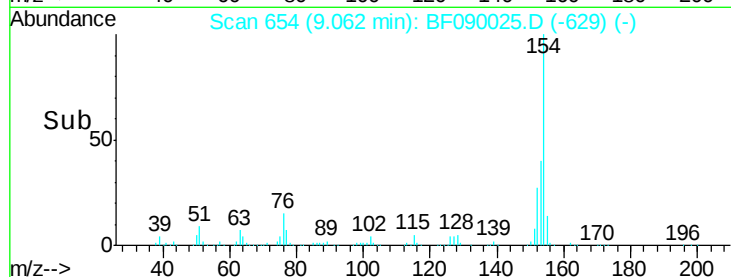
76 15.0 0.0 34.9



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 39.62 ng

RT: 9.08 min Scan# 656

Delta R.T. 0.00 min

Lab File: BF090025.D

Acq: 8 Sep 2016 15:32

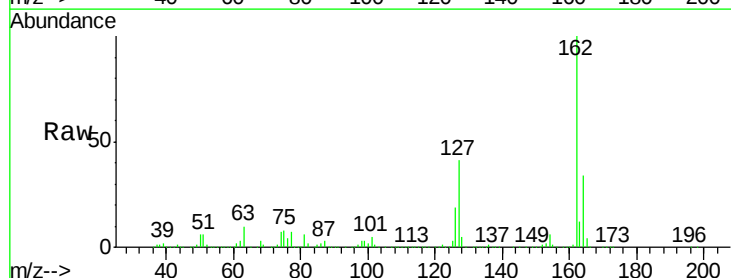
Tgt Ion:162 Resp: 843162

Ion Ratio Lower Upper

162 100

127 40.8 33.5 50.3

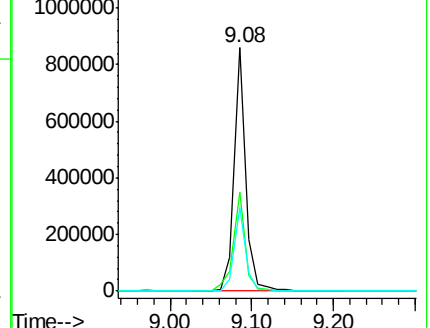
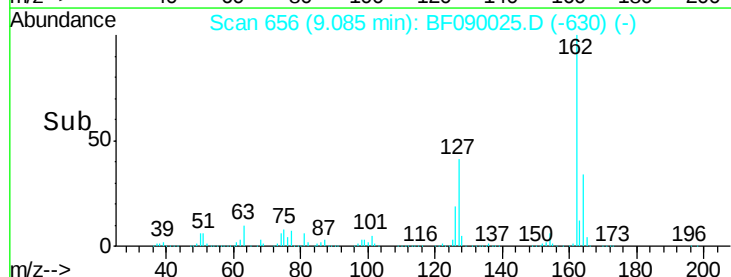
164 34.2 28.2 42.4

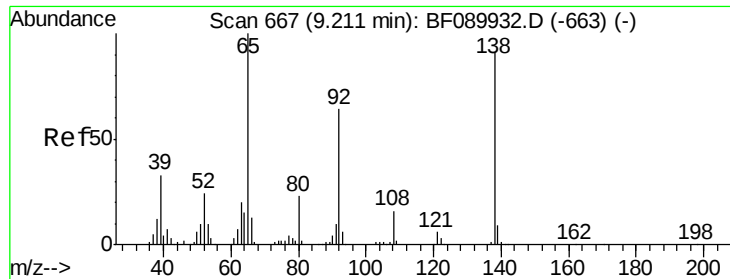


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

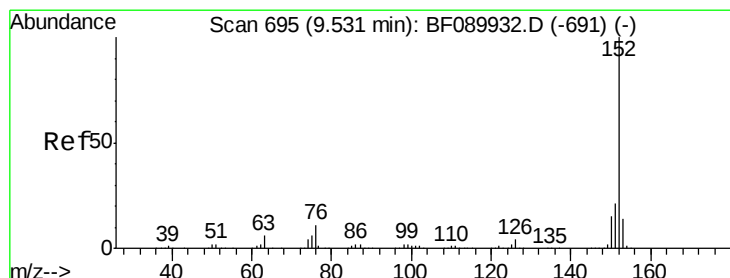
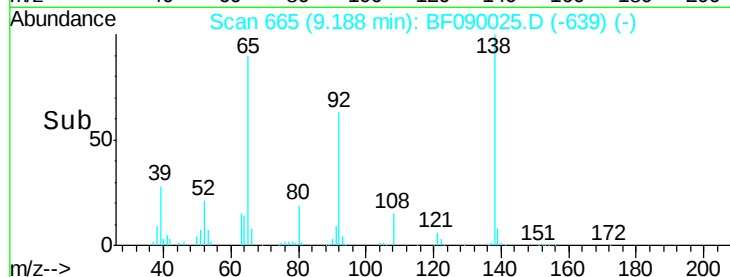
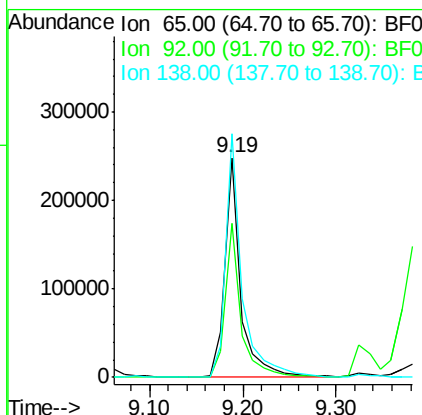
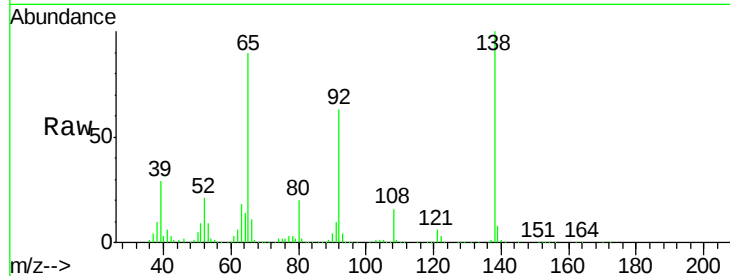




#47
2-Nitroaniline
Concen: 42.50 ng
RT: 9.19 min Scan# 665
Delta R.T. 0.00 min
Lab File: BF090025.D
Acq: 8 Sep 2016 15:32

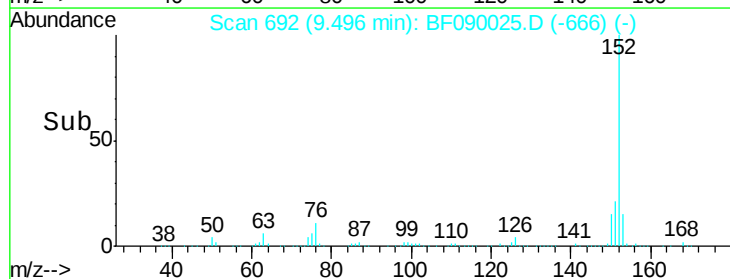
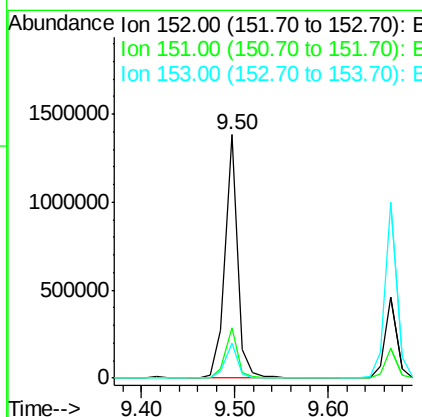
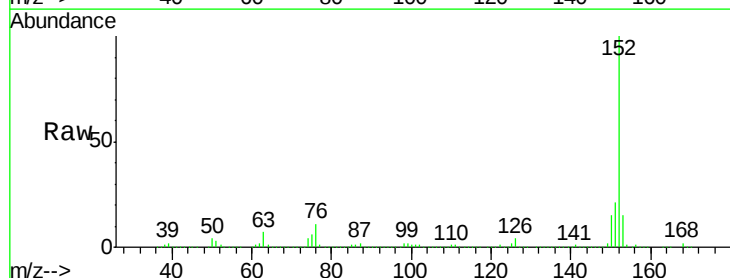
Instrument :
BNA_F
ClientSampleId :

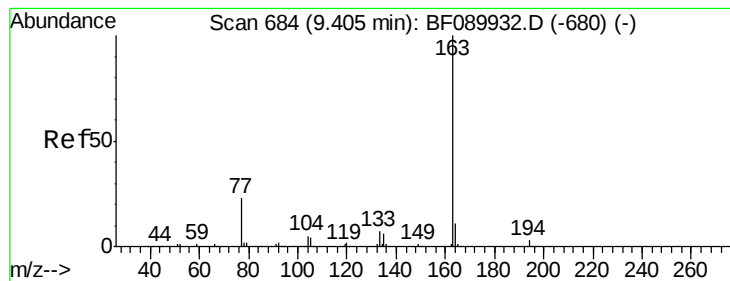
Tgt Ion: 65 Resp: 295701
Ion Ratio Lower Upper
65 100
92 70.2 52.0 78.0
138 110.8 72.1 108.1#



#48
Acenaphthylene
Concen: 37.08 ng
RT: 9.50 min Scan# 692
Delta R.T. 0.00 min
Lab File: BF090025.D
Acq: 8 Sep 2016 15:32

Tgt Ion: 152 Resp: 1304985
Ion Ratio Lower Upper
152 100
151 20.8 16.7 25.1
153 14.5 11.6 17.4





#49

Dimethylphthalate

Concen: 71.64 ng

RT: 9.38 min Scan# 682

Delta R.T. 0.00 min

Lab File: BF090025.D

Acq: 8 Sep 2016 15:32

Instrument :

BNA_F

ClientSampleId :

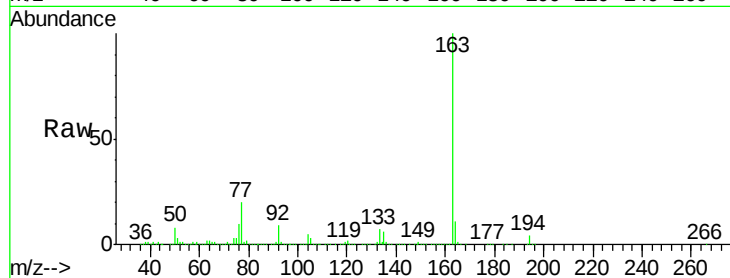
Tgt Ion:163 Resp: 1934811

Ion Ratio Lower Upper

163 100

194 3.8 2.7 4.1

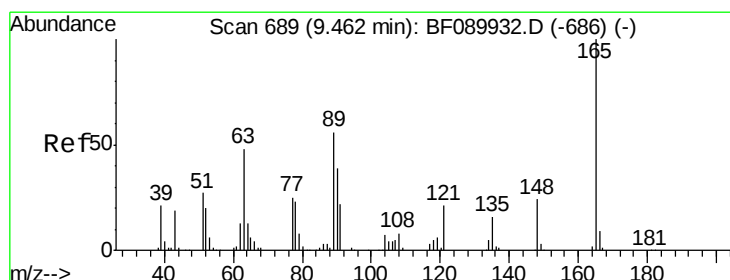
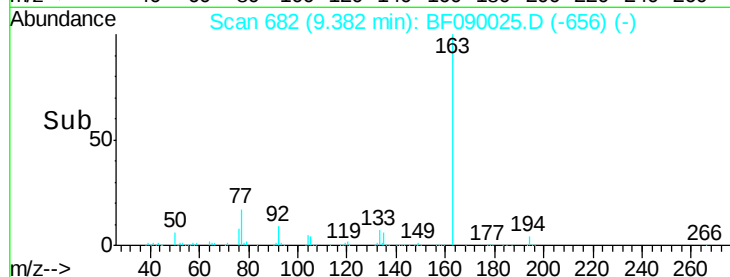
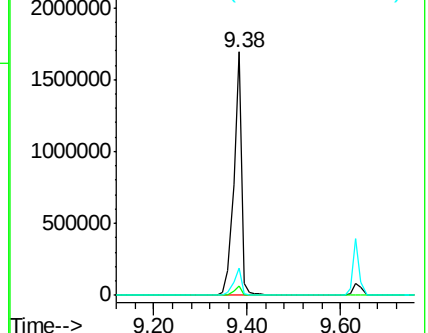
164 11.1 9.0 13.4



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 41.86 ng

RT: 9.44 min Scan# 687

Delta R.T. 0.00 min

Lab File: BF090025.D

Acq: 8 Sep 2016 15:32

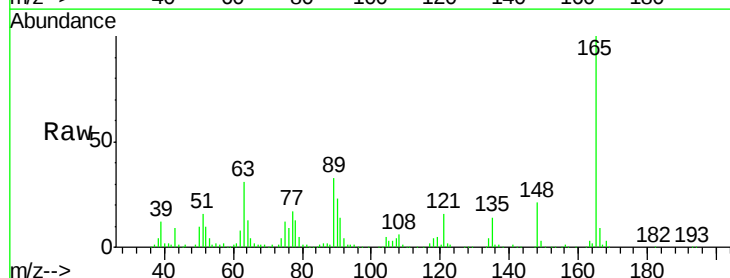
Tgt Ion:165 Resp: 251468

Ion Ratio Lower Upper

165 100

63 30.8 45.0 67.4#

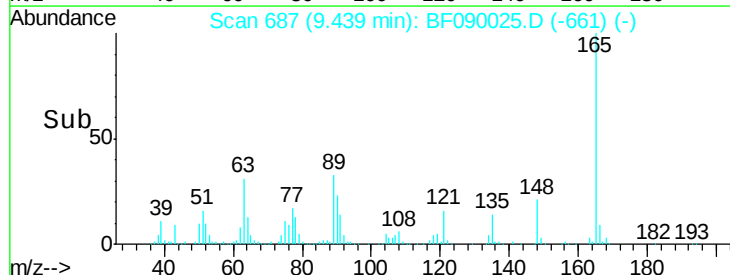
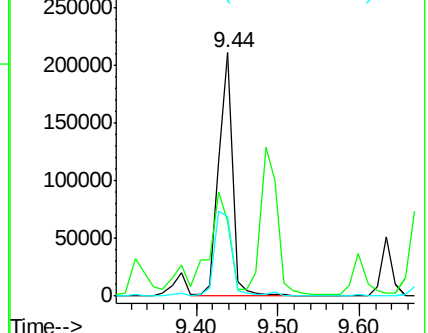
89 32.6 41.5 62.3#

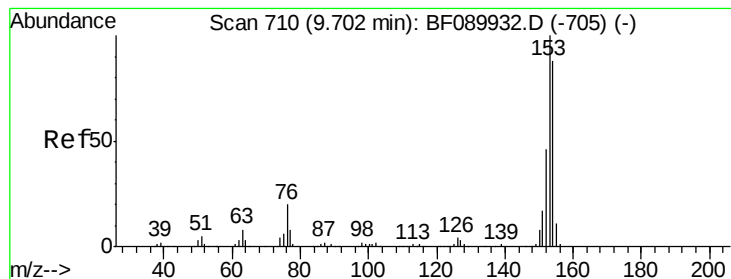


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 38.21 ng

RT: 9.67 min Scan# 707

Delta R.T. 0.00 min

Lab File: BF090025.D

Acq: 8 Sep 2016 15:32

Instrument :

BNA_F

ClientSampleId :

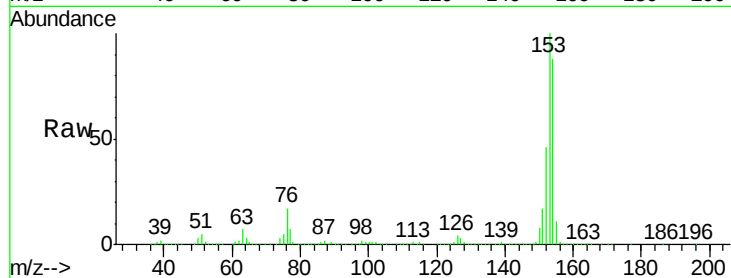
Tgt Ion:154 Resp: 851834

Ion Ratio Lower Upper

154 100

153 113.8 90.6 135.8

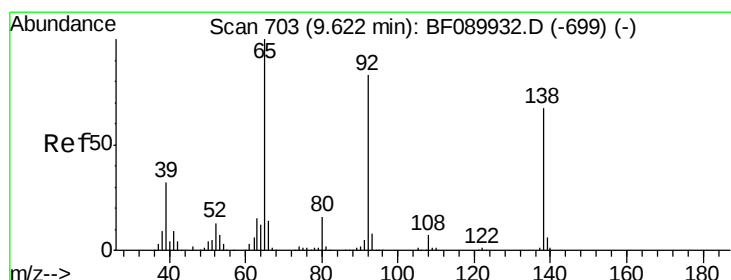
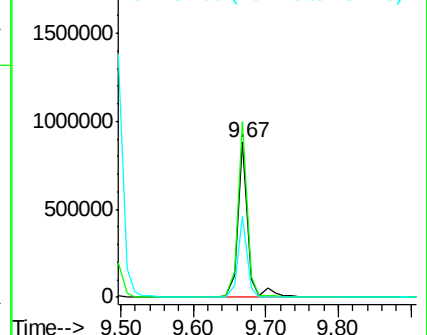
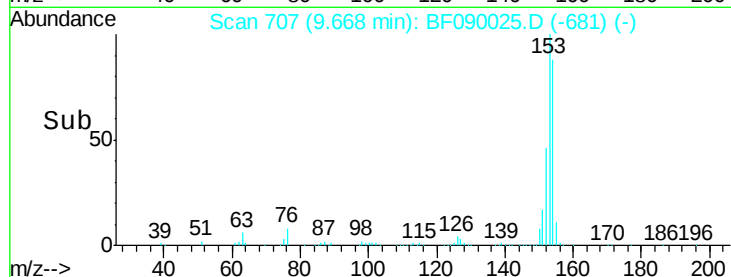
152 52.1 42.4 63.6



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: 35.71 ng

RT: 9.60 min Scan# 701

Delta R.T. 0.00 min

Lab File: BF090025.D

Acq: 8 Sep 2016 15:32

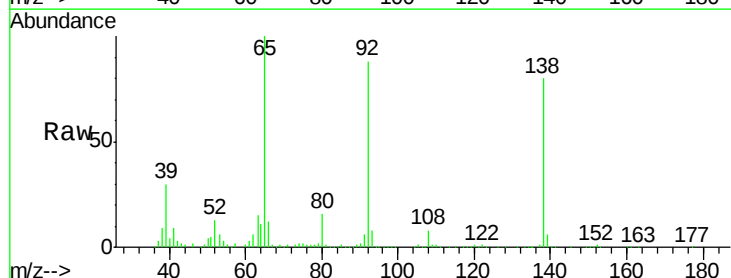
Tgt Ion:138 Resp: 244633

Ion Ratio Lower Upper

138 100

108 10.1 8.3 12.5

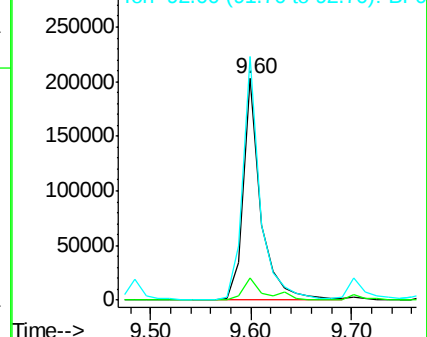
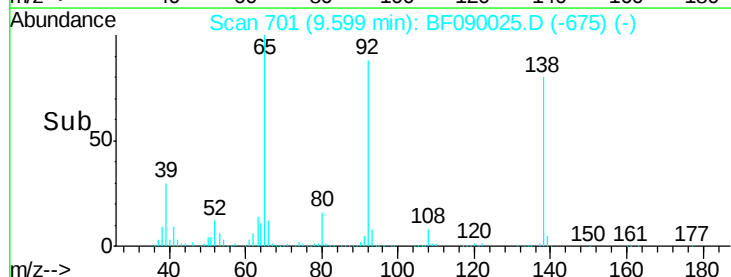
92 110.0 99.1 148.7

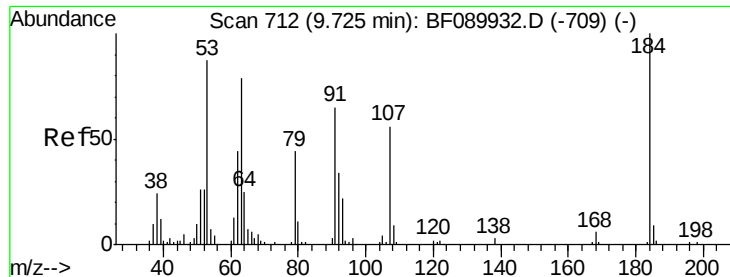


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

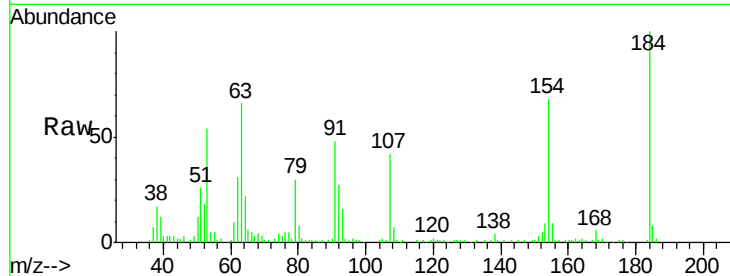




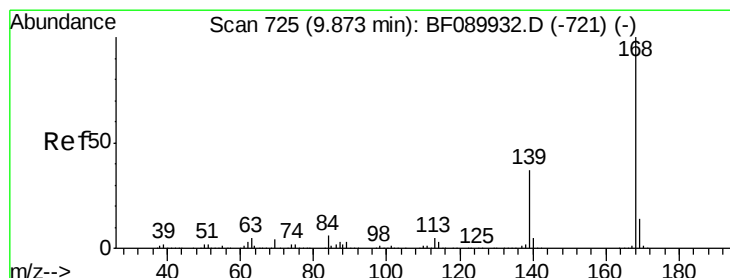
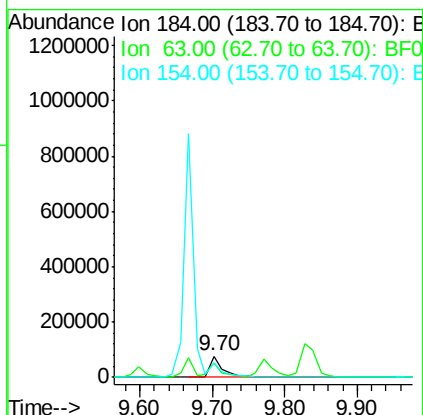
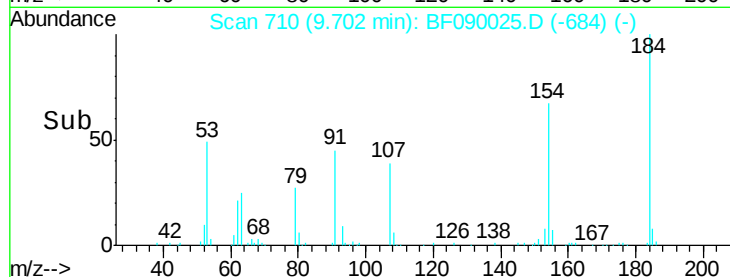
#53
2,4-Dinitrophenol
Concen: 35.51 ng
RT: 9.70 min Scan# 710
Delta R.T. 0.00 min
Lab File: BF090025.D
Acq: 8 Sep 2016 15:32

Instrument :
BNA_F
ClientSampled :

Tgt Ion:184 Resp: 99960
Ion Ratio Lower Upper
184 100
63 66.4 73.9 110.9#
154 67.7 53.5 80.3

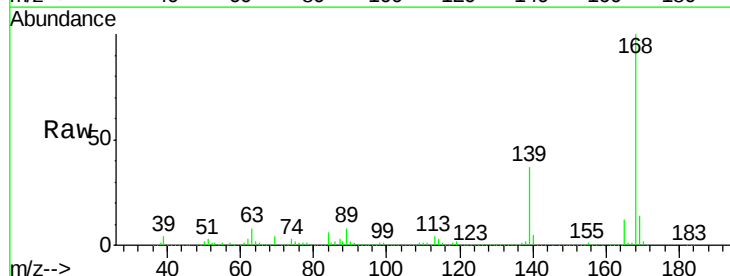


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

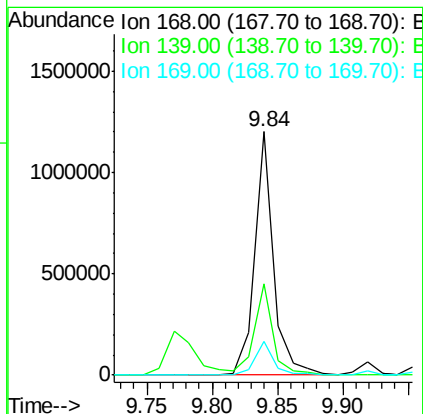
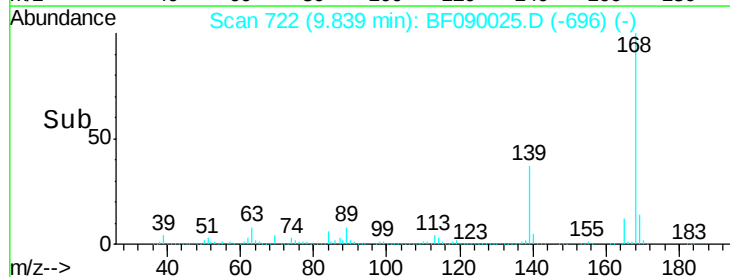


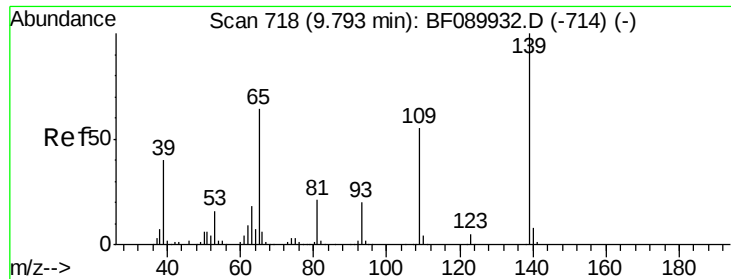
#54
Dibenzofuran
Concen: 40.57 ng
RT: 9.84 min Scan# 722
Delta R.T. 0.00 min
Lab File: BF090025.D
Acq: 8 Sep 2016 15:32

Tgt Ion:168 Resp: 1212222
Ion Ratio Lower Upper
168 100
139 37.4 29.5 44.3
169 13.8 10.8 16.2



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

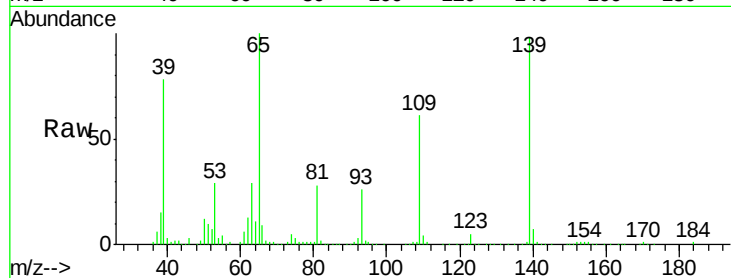




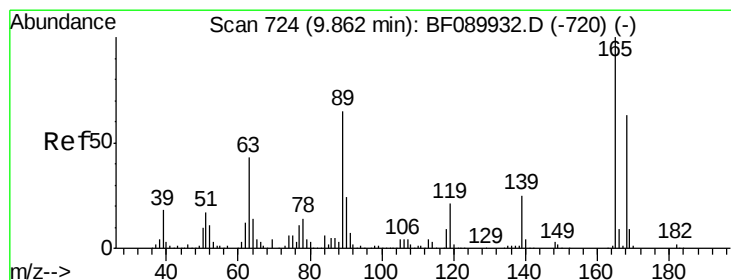
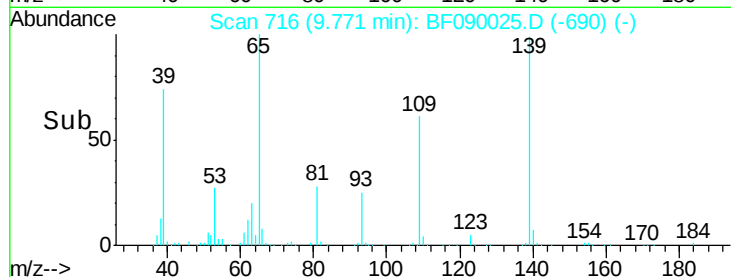
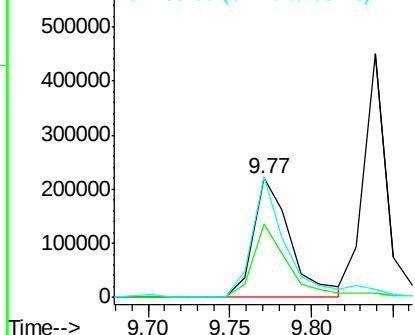
#55
4-Nitrophenol
Concen: 67.02 ng
RT: 9.77 min Scan# 716
Delta R.T. 0.00 min
Lab File: BF090025.D
Acq: 8 Sep 2016 15:32

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:139 Resp: 346322
Ion Ratio Lower Upper
139 100
109 61.8 31.3 71.3
65 102.0 38.5 78.5#

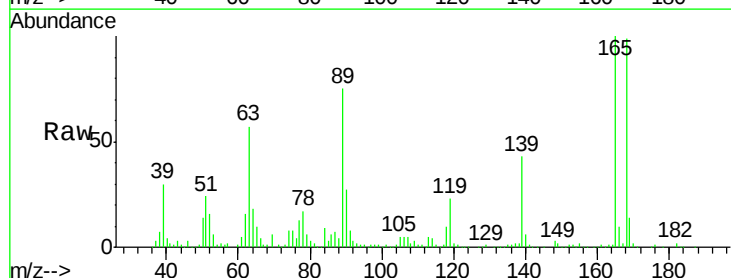


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

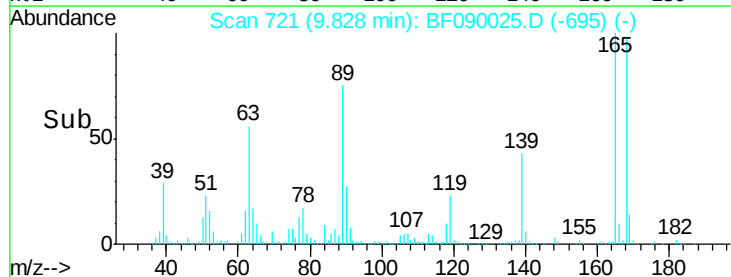
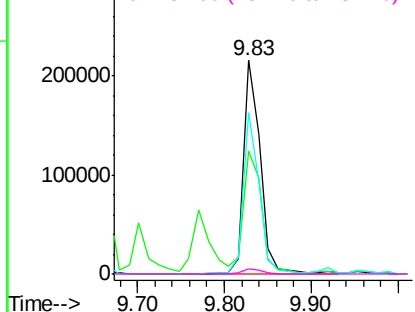


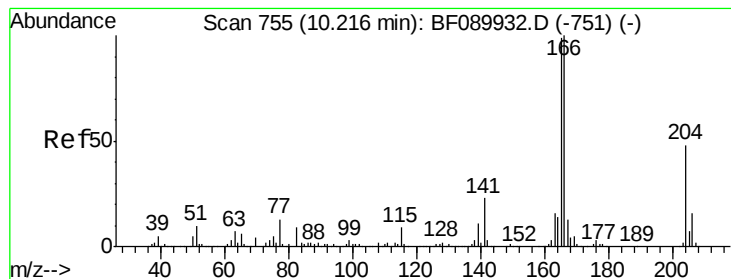
#56
2,4-Dinitrotoluene
Concen: 37.67 ng
RT: 9.83 min Scan# 721
Delta R.T. 0.00 min
Lab File: BF090025.D
Acq: 8 Sep 2016 15:32

Tgt Ion:165 Resp: 286946
Ion Ratio Lower Upper
165 100
63 57.4 32.5 48.7#
89 75.3 48.3 72.5#
182 2.4 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: 42.50 ng

RT: 10.18 min Scan# 752

Delta R.T. 0.00 min

Lab File: BF090025.D

Acq: 8 Sep 2016 15:32

Instrument :

BNA_F

ClientSampleId :

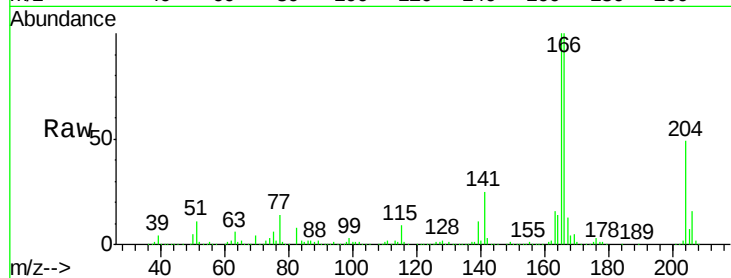
Tgt Ion:166 Resp: 928006

Ion Ratio Lower Upper

166 100

165 100.4 78.6 118.0

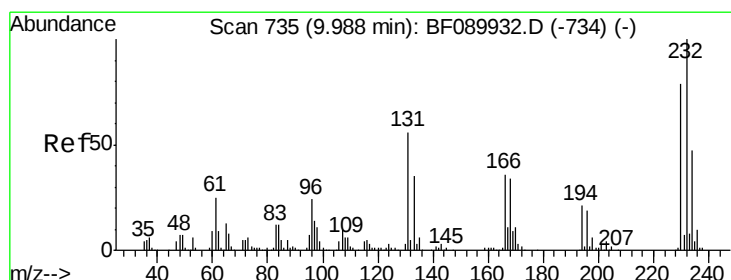
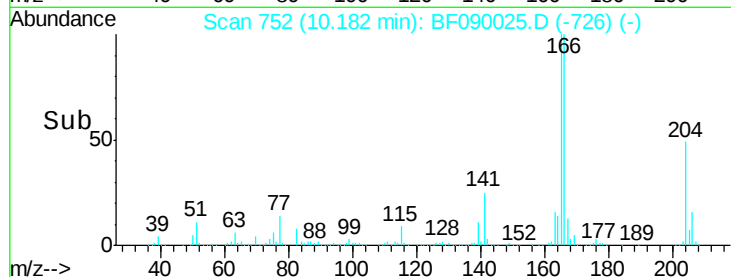
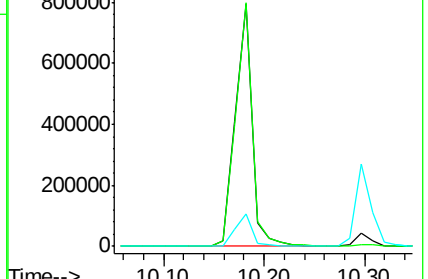
167 13.4 10.6 15.8



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: 43.73 ng

RT: 9.96 min Scan# 733

Delta R.T. 0.00 min

Lab File: BF090025.D

Acq: 8 Sep 2016 15:32

Tgt Ion:232 Resp: 273110

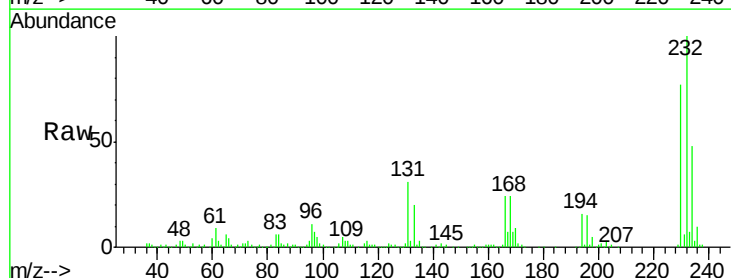
Ion Ratio Lower Upper

232 100

131 40.3 36.3 54.5

130 2.1 1.7 2.5

166 27.4 24.4 36.6

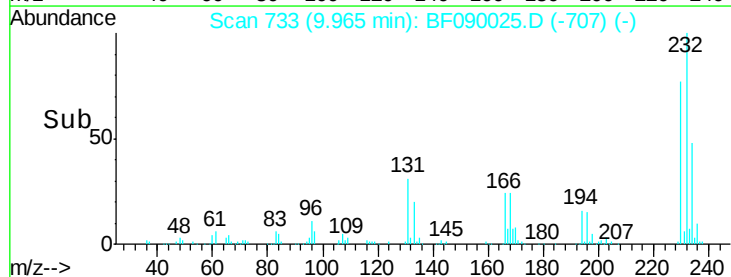
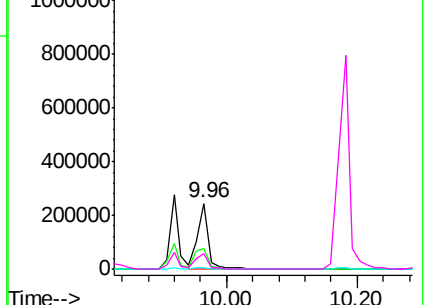


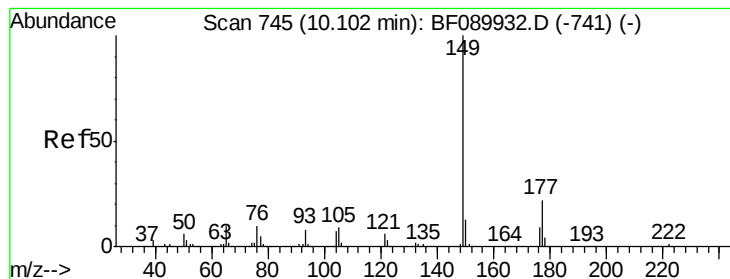
Abundance Ion 232.00 (231.70 to 232.70): E

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: 41.26 ng

RT: 10.07 min Scan# 742

Delta R.T. 0.00 min

Lab File: BF090025.D

Acq: 8 Sep 2016 15:32

Instrument :

BNA_F

ClientSampleId :

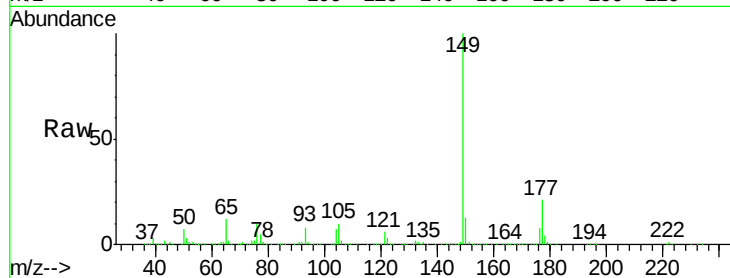
Tgt Ion:149 Resp: 1048462

Ion Ratio Lower Upper

149 100

177 21.1 17.7 26.5

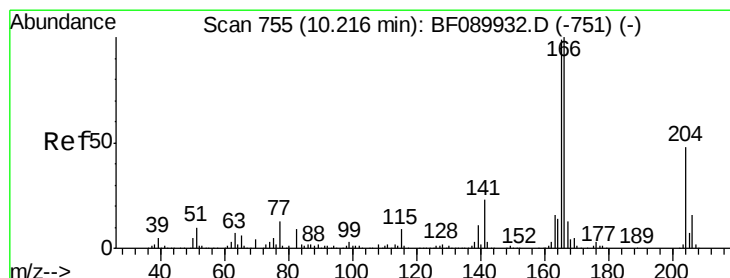
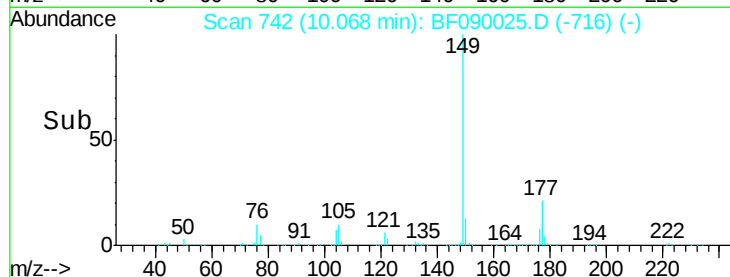
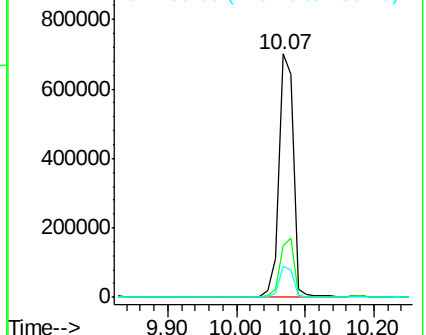
150 13.0 10.2 15.2



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: 42.11 ng

RT: 10.18 min Scan# 752

Delta R.T. 0.00 min

Lab File: BF090025.D

Acq: 8 Sep 2016 15:32

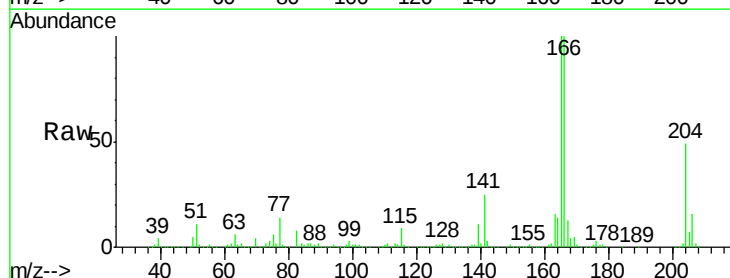
Tgt Ion:204 Resp: 432682

Ion Ratio Lower Upper

204 100

206 32.8 26.6 40.0

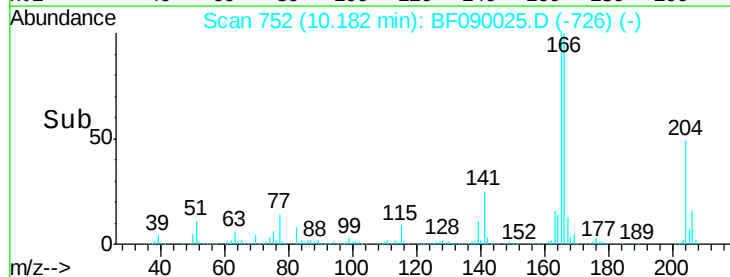
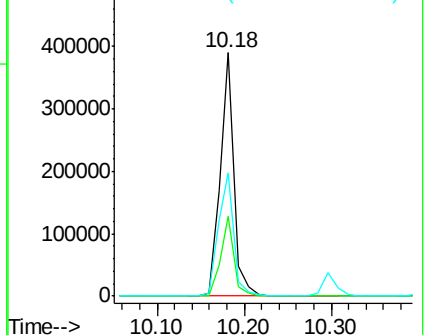
141 50.9 36.5 54.7

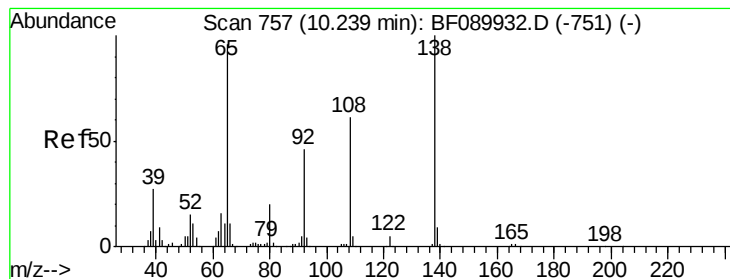


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 35.71 ng

RT: 10.20 min Scan# 754

Delta R.T. -0.01 min

Lab File: BF090025.D

Acq: 8 Sep 2016 15:32

Instrument :

BNA_F

ClientSampleId :

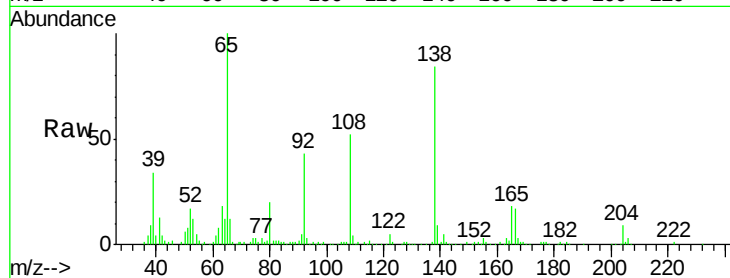
Tgt Ion:138 Resp: 240370

Ion Ratio Lower Upper

138 100

92 51.9 21.2 61.2

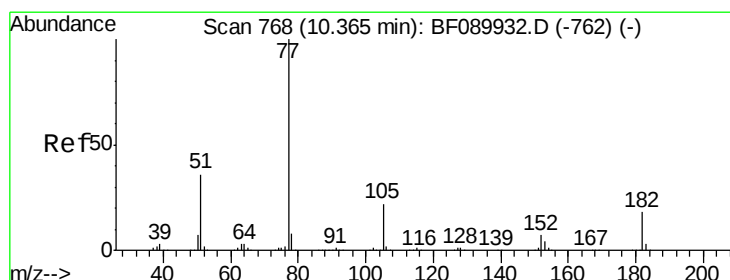
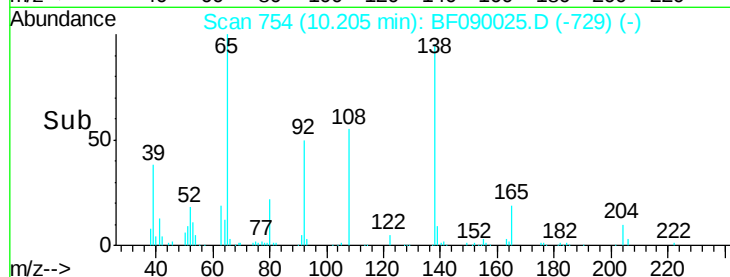
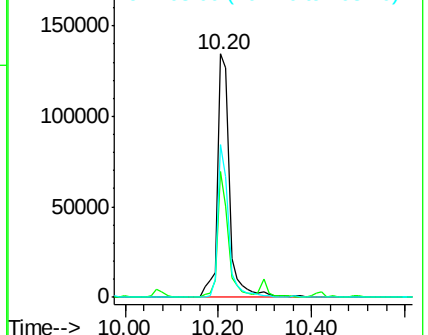
108 62.8 37.7 77.7



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: 38.74 ng

RT: 10.33 min Scan# 765

Delta R.T. -0.01 min

Lab File: BF090025.D

Acq: 8 Sep 2016 15:32

Tgt Ion: 77 Resp: 983110

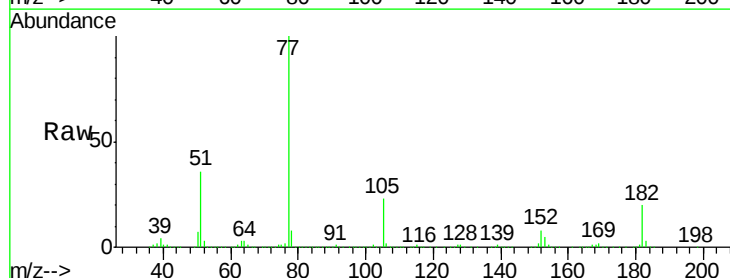
Ion Ratio Lower Upper

77 100

182 20.2 0.0 38.6

105 22.6 2.3 42.3

51 35.6 15.1 55.1

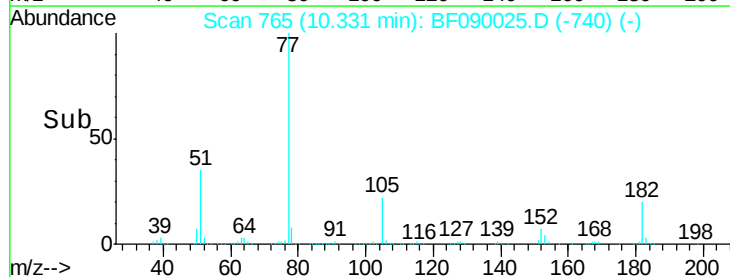
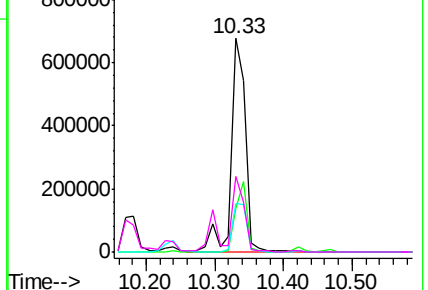


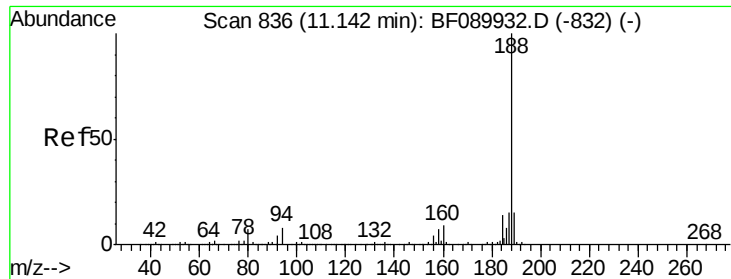
Abundance Ion 77.00 (76.70 to 77.70): BF0

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

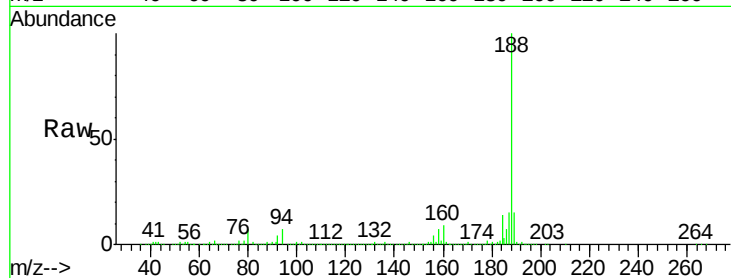




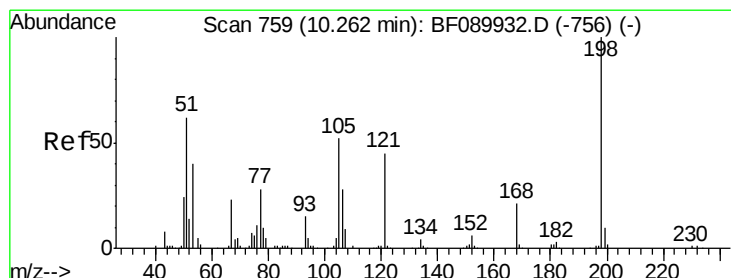
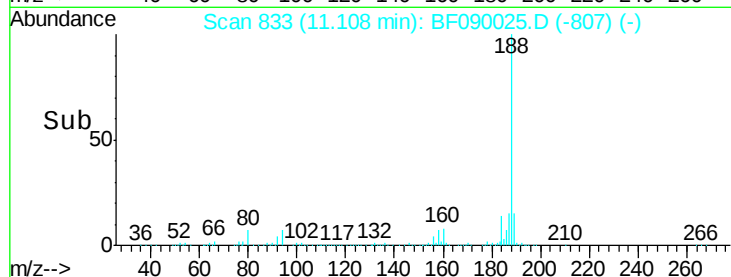
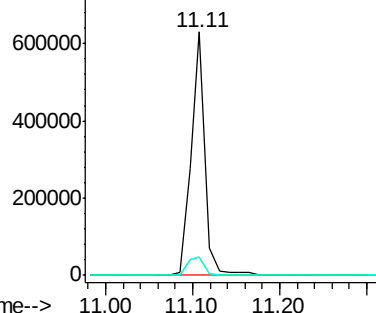
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.11 min Scan# 833
Delta R.T. 0.00 min
Lab File: BF090025.D
Acq: 8 Sep 2016 15:32

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 702416
Ion Ratio Lower Upper
188 100
94 7.5 5.9 8.9
80 7.5 5.8 8.8

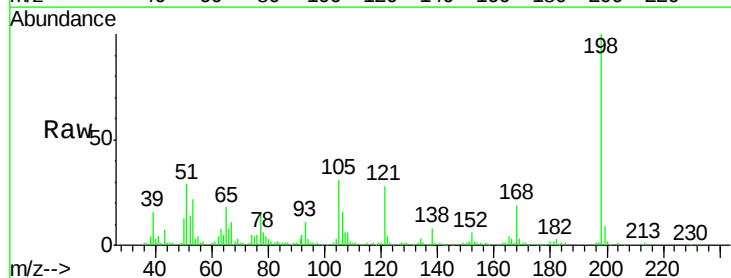


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

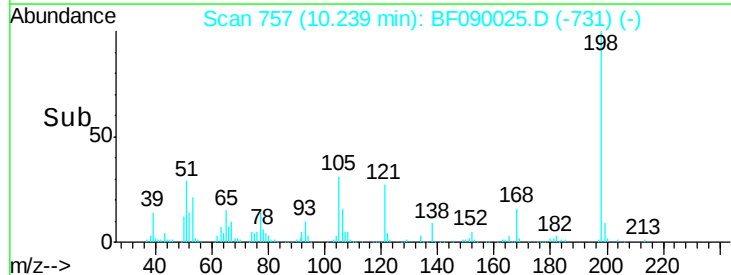
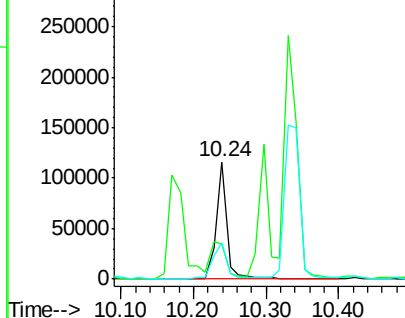


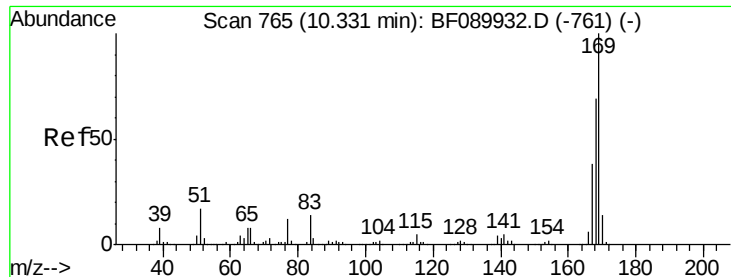
#64
4,6-Dinitro-2-methylphenol
Concen: 26.57 ng
RT: 10.24 min Scan# 757
Delta R.T. 0.00 min
Lab File: BF090025.D
Acq: 8 Sep 2016 15:32

Tgt Ion:198 Resp: 119488
Ion Ratio Lower Upper
198 100
51 29.4 43.0 83.0#
105 31.2 30.3 70.3



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





#65

n-Nitrosodiphenylamine

Concen: 37.36 ng

RT: 10.30 min Scan# 762

Delta R.T. 0.00 min

Lab File: BF090025.D

Acq: 8 Sep 2016 15:32

Instrument :

BNA_F

ClientSampleId :

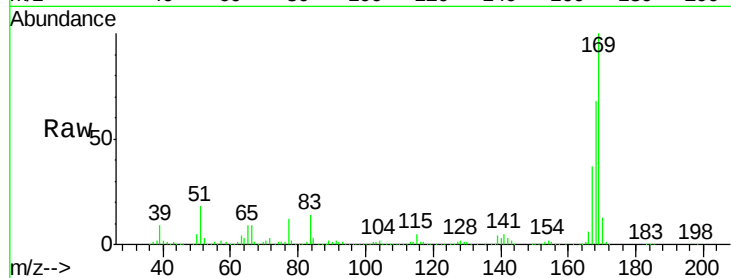
Tgt Ion:169 Resp: 788866

Ion Ratio Lower Upper

169 100

168 67.8 55.0 82.4

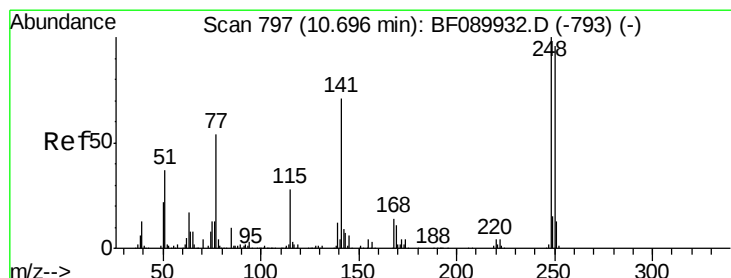
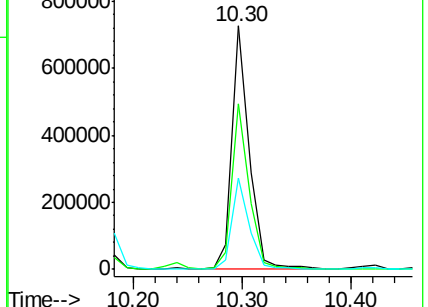
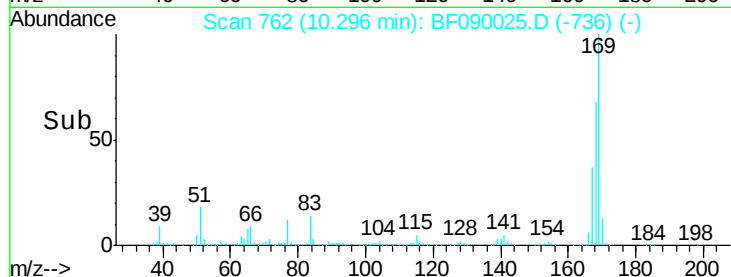
167 37.4 30.5 45.7



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: 41.01 ng

RT: 10.66 min Scan# 794

Delta R.T. 0.00 min

Lab File: BF090025.D

Acq: 8 Sep 2016 15:32

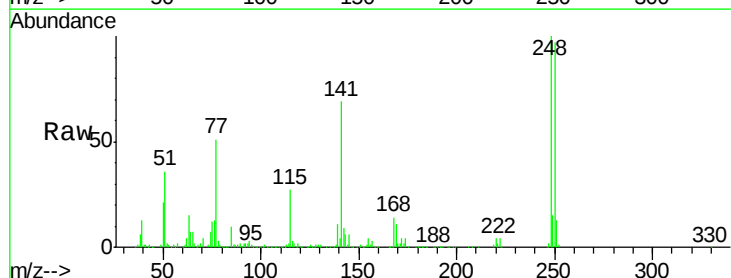
Tgt Ion:248 Resp: 290003

Ion Ratio Lower Upper

248 100

250 96.9 77.3 115.9

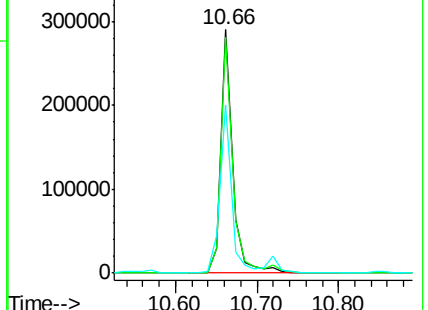
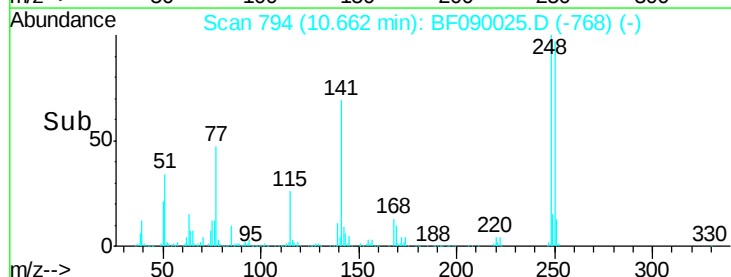
141 68.8 55.8 83.8

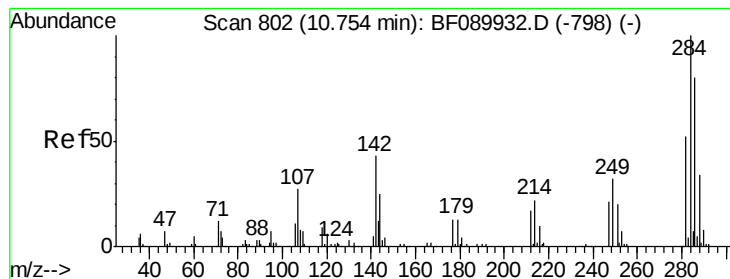


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 33.89 ng

RT: 10.72 min Scan# 799

Delta R.T. 0.00 min

Lab File: BF090025.D

Acq: 8 Sep 2016 15:32

Instrument :

BNA_F

ClientSampled :

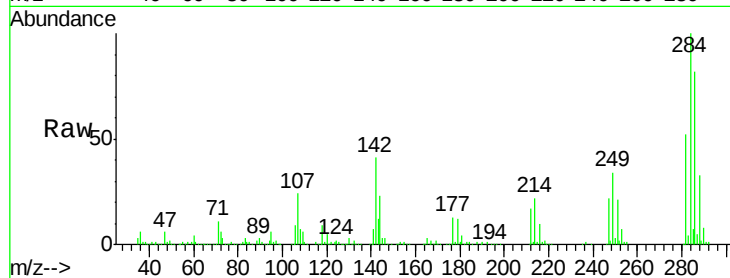
Tgt Ion:284 Resp: 273760

Ion Ratio Lower Upper

284 100

142 40.5 32.7 49.1

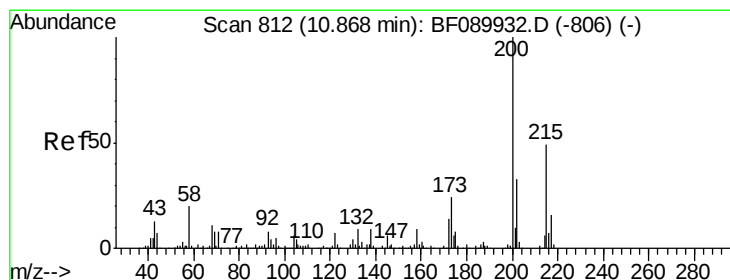
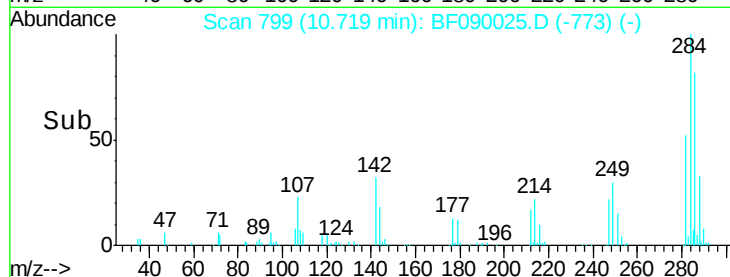
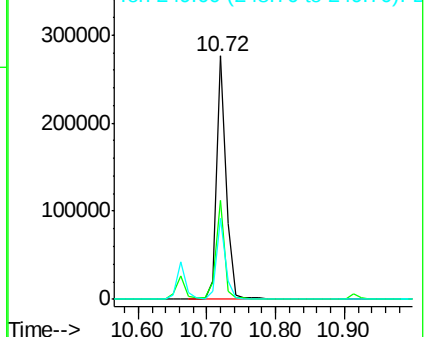
249 33.5 26.9 40.3



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: 40.20 ng

RT: 10.83 min Scan# 809

Delta R.T. 0.00 min

Lab File: BF090025.D

Acq: 8 Sep 2016 15:32

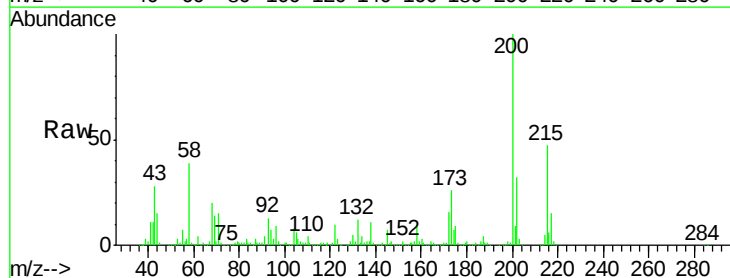
Tgt Ion:200 Resp: 283379

Ion Ratio Lower Upper

200 100

173 26.1 9.4 49.4

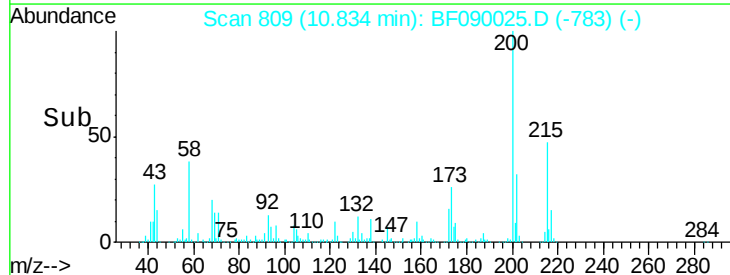
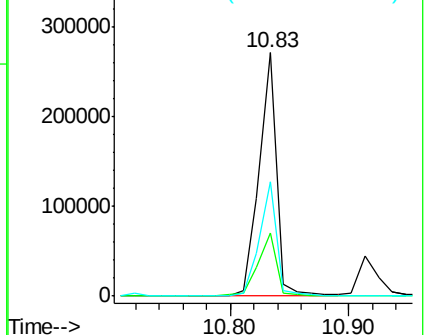
215 47.0 24.5 64.5

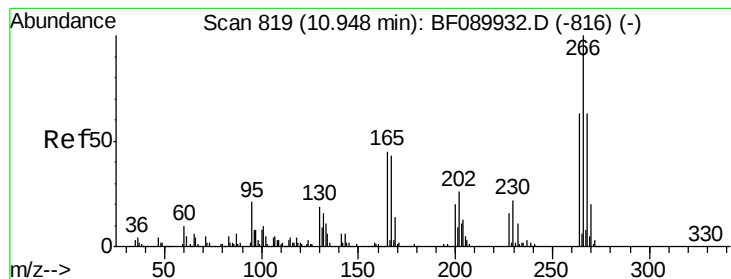


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E





#69

Pentachlorophenol

Concen: 64.40 ng

RT: 10.91 min Scan# 816

Delta R.T. 0.00 min

Lab File: BF090025.D

Acq: 8 Sep 2016 15:32

Instrument :
BNA_F
ClientSampleId :

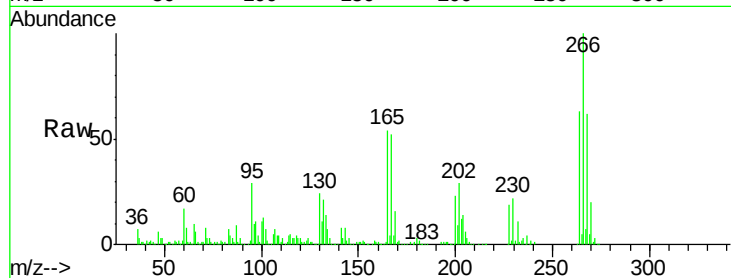
Tgt Ion:266 Resp: 279848

Ion Ratio Lower Upper

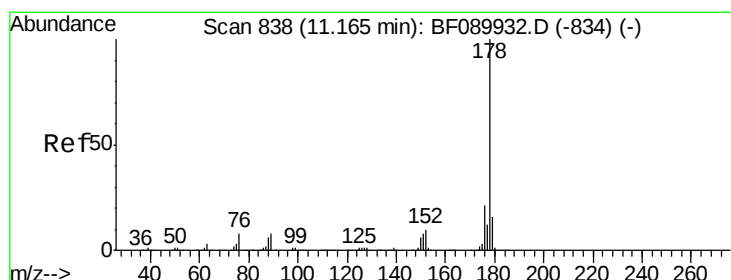
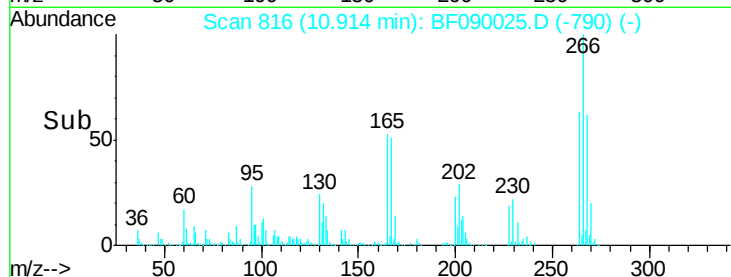
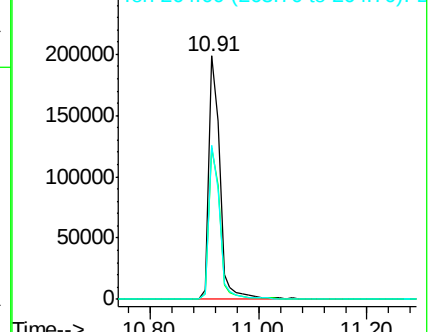
266 100

268 62.1 51.0 76.6

264 63.3 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: 40.68 ng

RT: 11.13 min Scan# 835

Delta R.T. 0.00 min

Lab File: BF090025.D

Acq: 8 Sep 2016 15:32

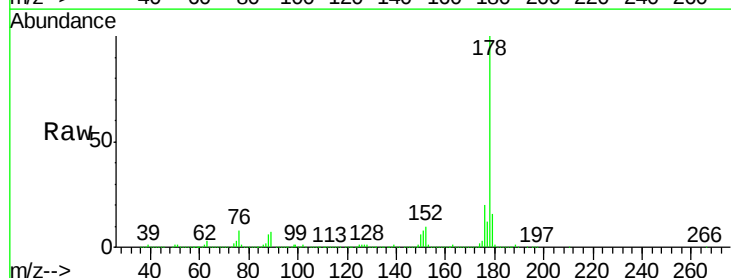
Tgt Ion:178 Resp: 1422792

Ion Ratio Lower Upper

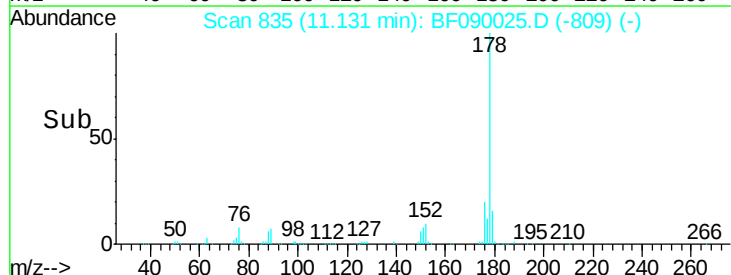
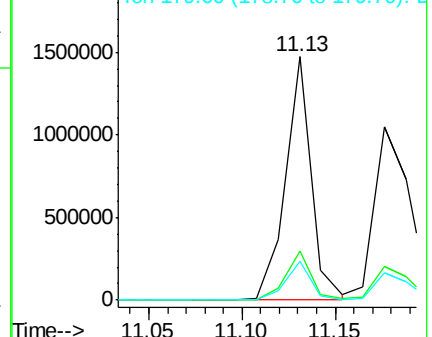
178 100

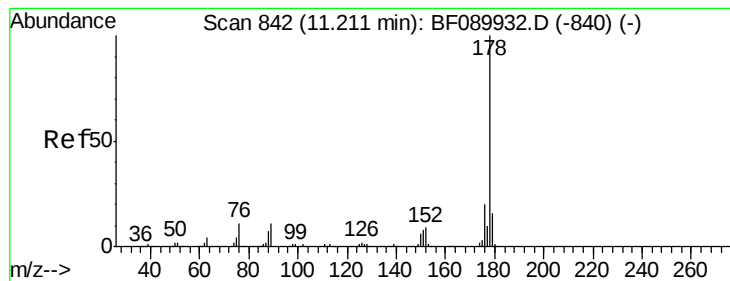
176 20.4 16.5 24.7

179 16.1 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: 38.94 ng

RT: 11.18 min Scan# 839

Delta R.T. 0.00 min

Lab File: BF090025.D

Acq: 8 Sep 2016 15:32

Instrument :

BNA_F

ClientSampleId :

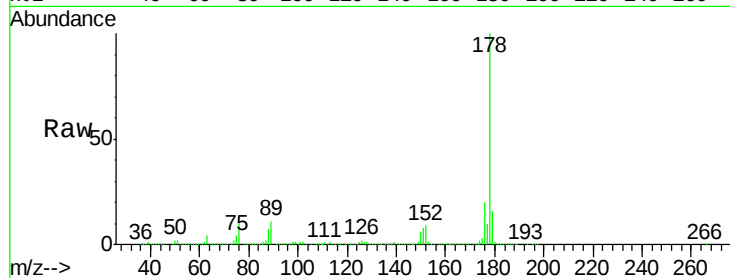
Tgt Ion:178 Resp: 1381414

Ion Ratio Lower Upper

178 100

176 19.8 15.8 23.8

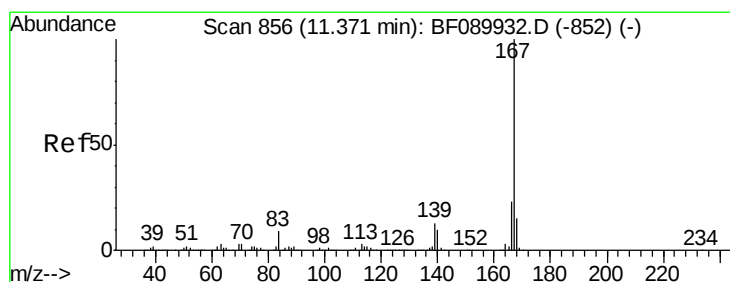
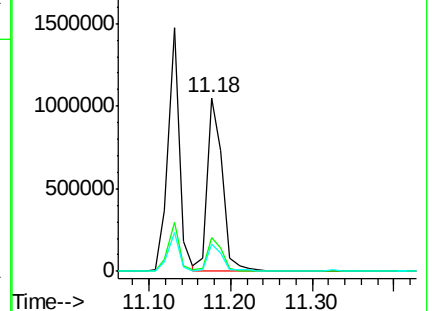
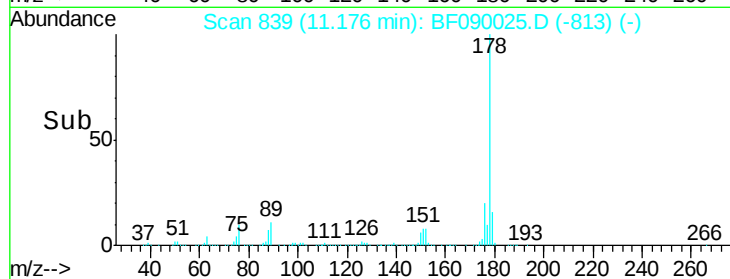
179 16.0 13.0 19.4



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 36.16 ng

RT: 11.34 min Scan# 853

Delta R.T. 0.00 min

Lab File: BF090025.D

Acq: 8 Sep 2016 15:32

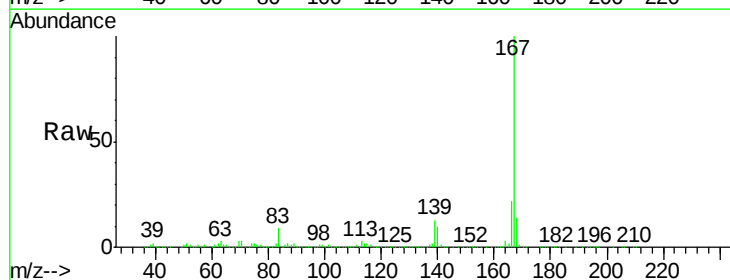
Tgt Ion:167 Resp: 1202942

Ion Ratio Lower Upper

167 100

166 22.3 18.1 27.1

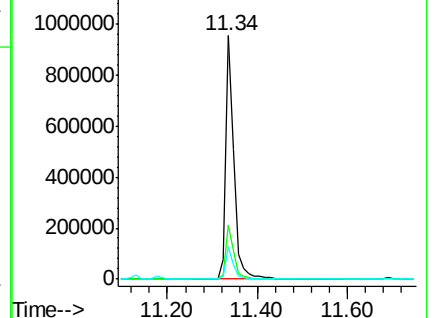
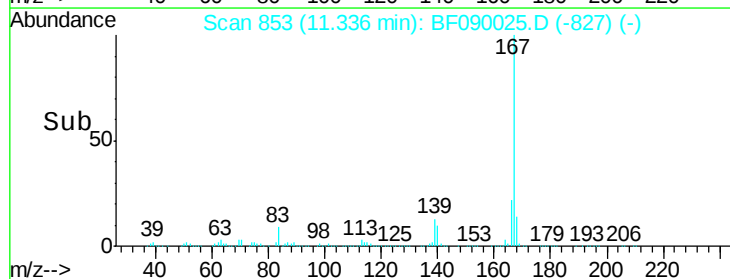
139 13.2 10.4 15.6

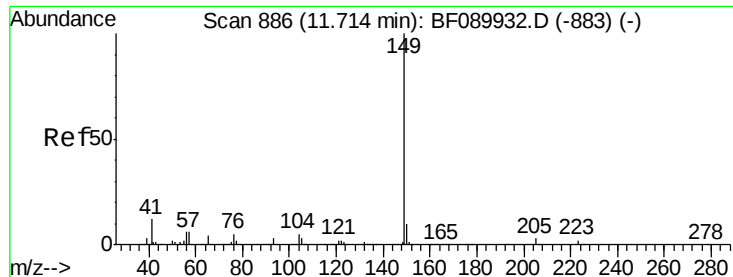


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 38.03 ng

RT: 11.69 min Scan# 884

Delta R.T. 0.00 min

Lab File: BF090025.D

Acq: 8 Sep 2016 15:32

Instrument :

BNA_F

ClientSampled :

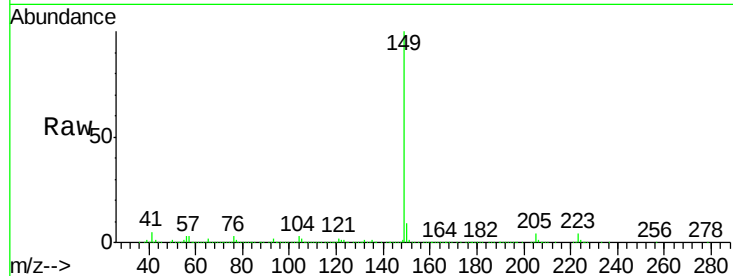
Tgt Ion:149 Resp: 1474686

Ion Ratio Lower Upper

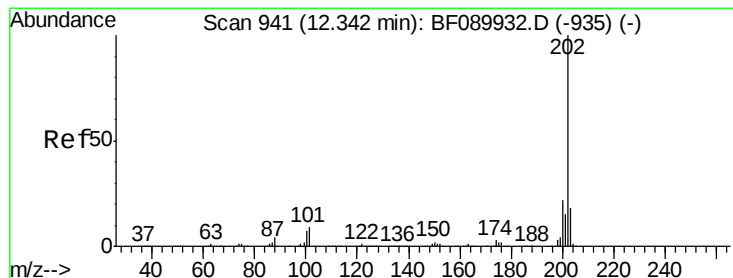
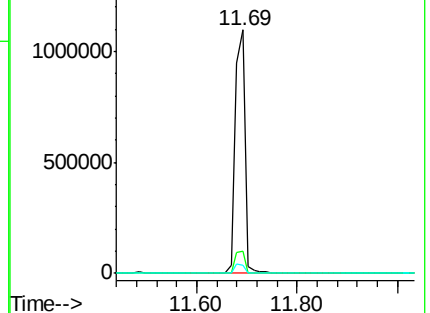
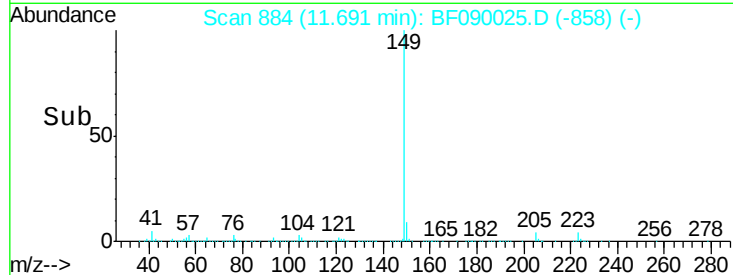
149 100

150 8.9 7.8 11.8

104 3.3 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: 42.08 ng

RT: 12.31 min Scan# 938

Delta R.T. 0.00 min

Lab File: BF090025.D

Acq: 8 Sep 2016 15:32

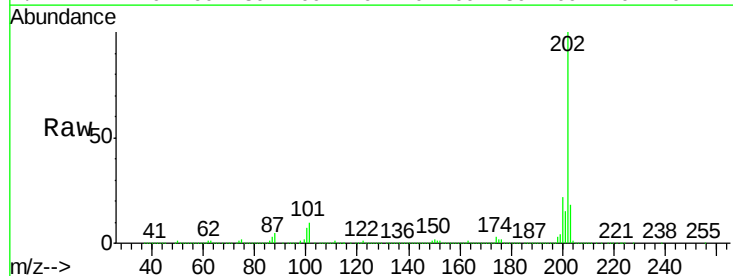
Tgt Ion:202 Resp: 1542463

Ion Ratio Lower Upper

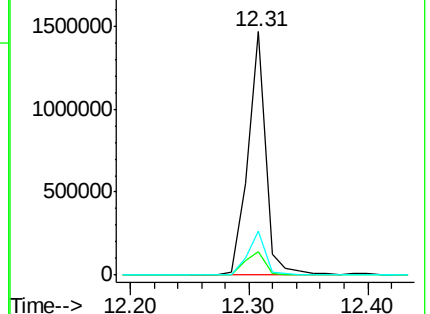
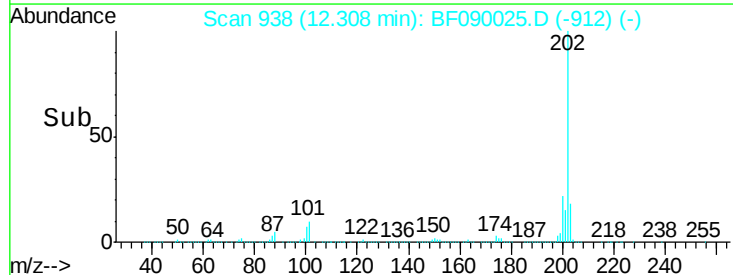
202 100

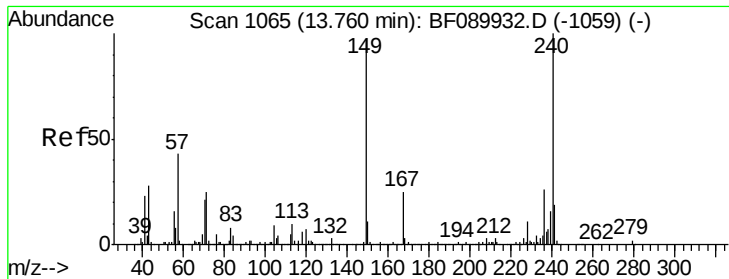
101 9.9 0.0 28.5

203 18.0 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: BF090025.D

Acq: 8 Sep 2016 15:32

Instrument :

BNA_F

ClientSampleId :

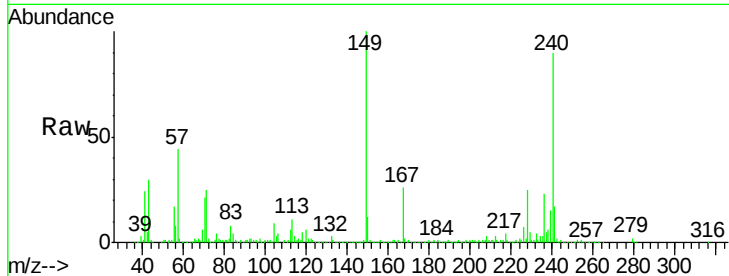
Tgt Ion:240 Resp: 419083

Ion Ratio Lower Upper

240 100

120 7.0 5.7 8.5

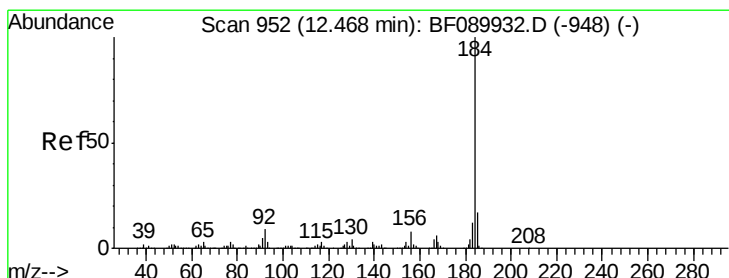
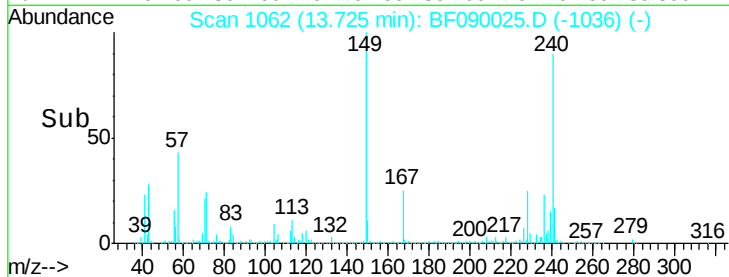
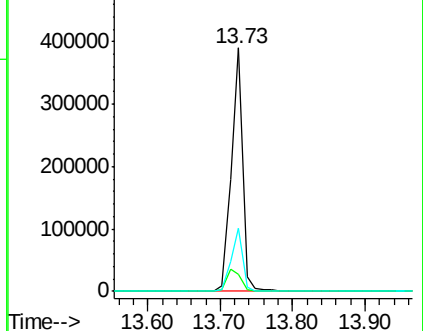
236 25.7 21.3 31.9



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: 7.65 ng

RT: 12.45 min Scan# 950

Delta R.T. 0.00 min

Lab File: BF090025.D

Acq: 8 Sep 2016 15:32

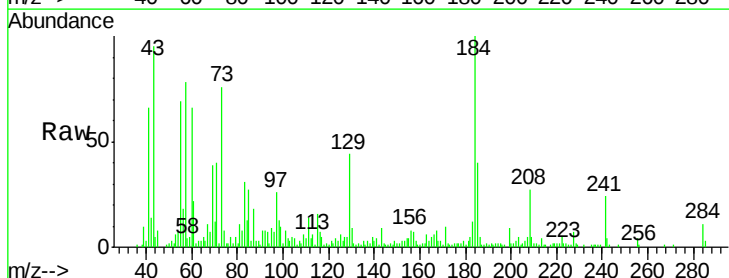
Tgt Ion:184 Resp: 121408

Ion Ratio Lower Upper

184 100

185 40.0 13.8 20.8#

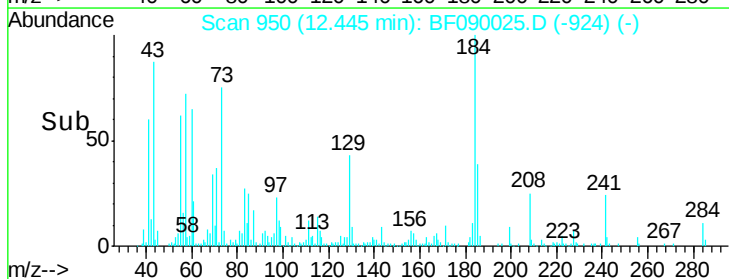
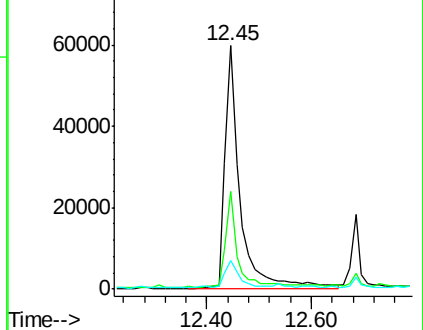
183 11.8 9.6 14.4

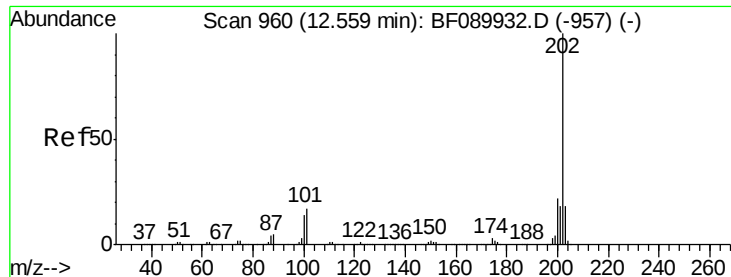


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 46.12 ng

RT: 12.53 min Scan# 957

Delta R.T. -0.01 min

Lab File: BF090025.D

Acq: 8 Sep 2016 15:32

Instrument :

BNA_F

ClientSampled :

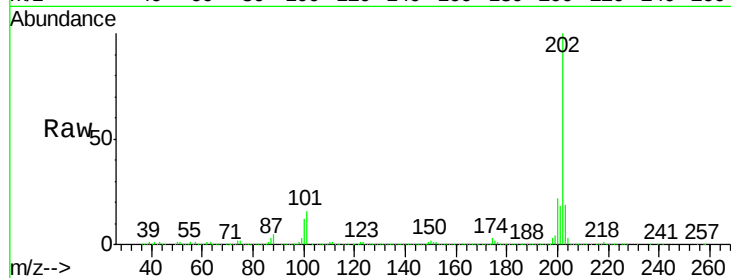
Tgt Ion: 202 Resp: 1362911

Ion Ratio Lower Upper

202 100

200 22.5 17.6 26.4

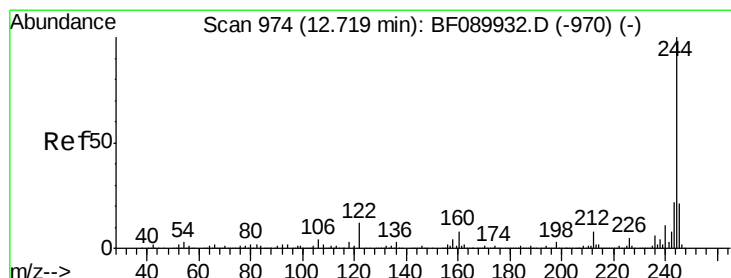
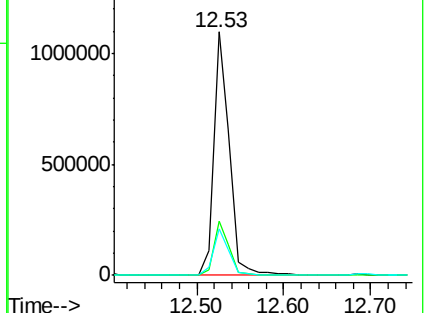
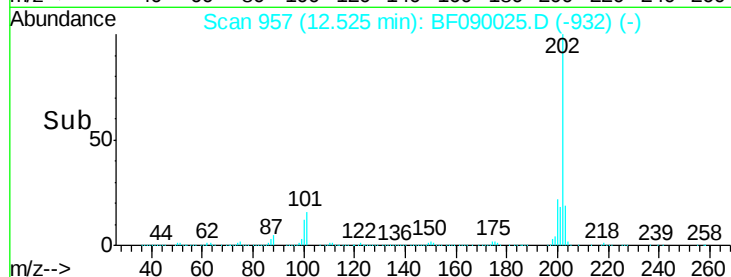
203 19.0 14.6 21.8



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: 84.44 ng

RT: 12.69 min Scan# 971

Delta R.T. 0.00 min

Lab File: BF090025.D

Acq: 8 Sep 2016 15:32

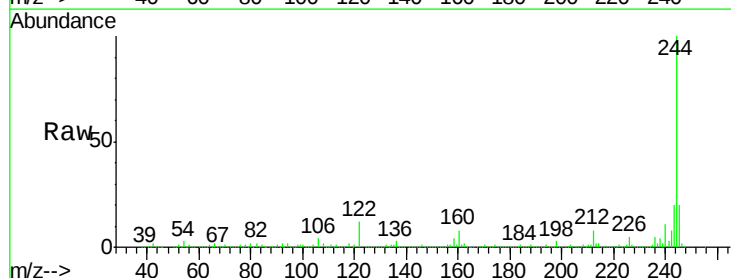
Tgt Ion: 244 Resp: 1432566

Ion Ratio Lower Upper

244 100

212 7.7 6.1 9.1

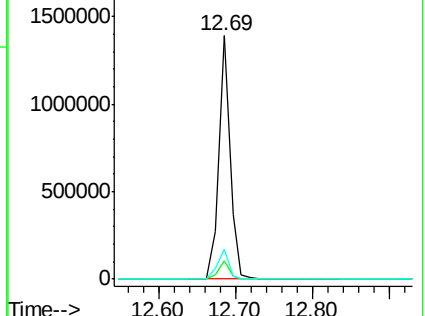
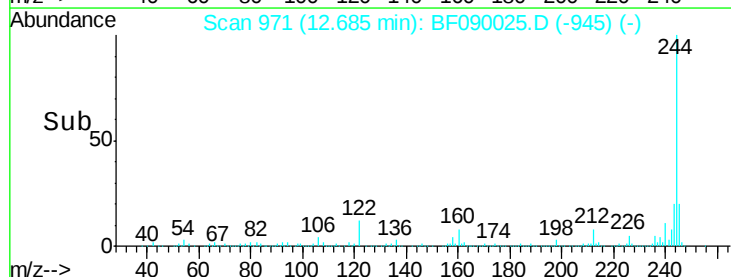
122 12.1 9.6 14.4

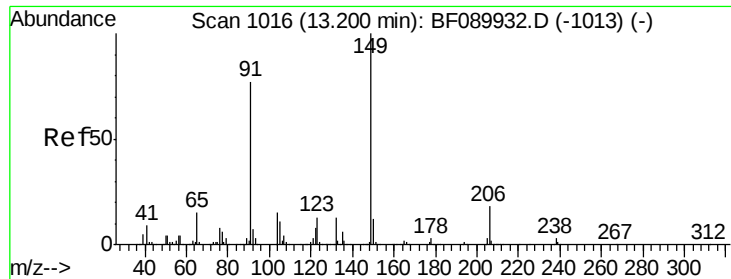


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 43.22 ng

RT: 13.17 min Scan# 1013

Delta R.T. 0.00 min

Lab File: BF090025.D

Acq: 8 Sep 2016 15:32

Instrument :

BNA_F

ClientSampleId :

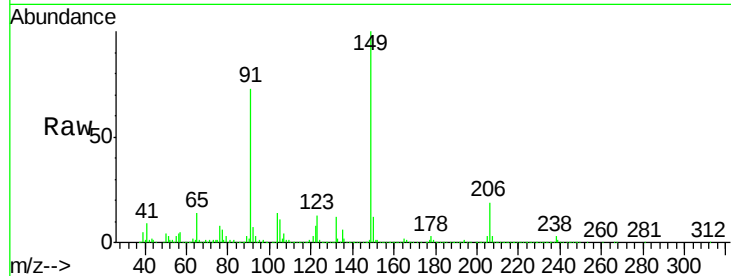
Tgt Ion:149 Resp: 514991

Ion Ratio Lower Upper

149 100

91 72.9 60.0 90.0

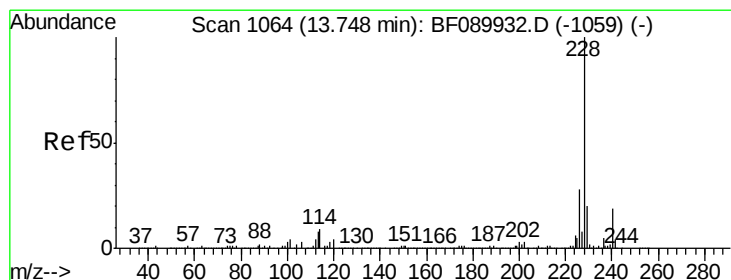
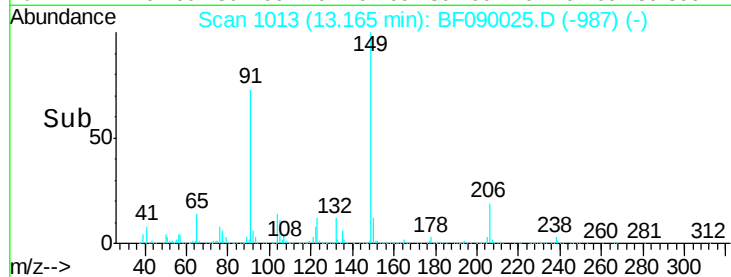
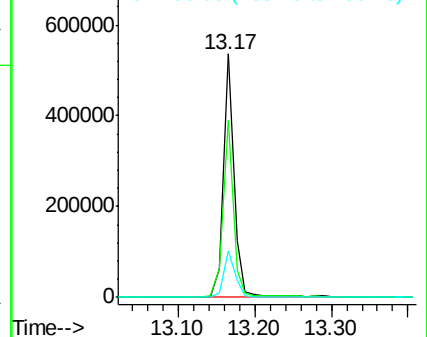
206 19.0 15.1 22.7



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: 43.68 ng

RT: 13.71 min Scan# 1061

Delta R.T. 0.00 min

Lab File: BF090025.D

Acq: 8 Sep 2016 15:32

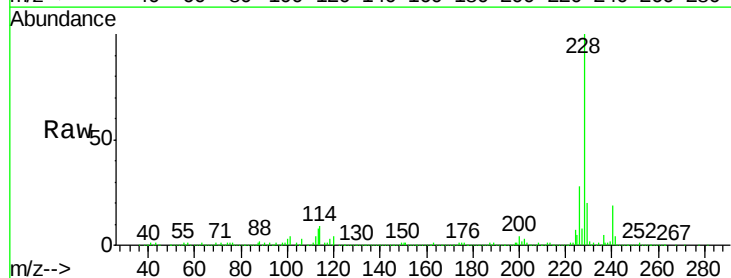
Tgt Ion:228 Resp: 1121216

Ion Ratio Lower Upper

228 100

226 28.1 22.2 33.2

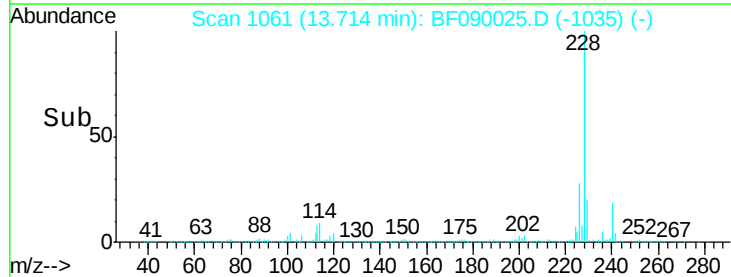
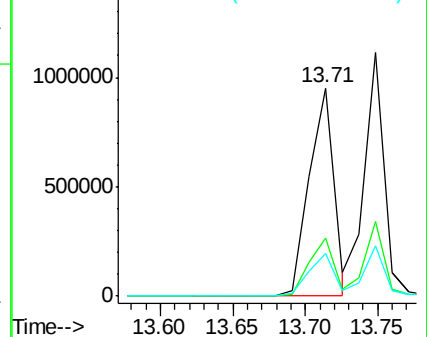
229 20.2 15.8 23.6

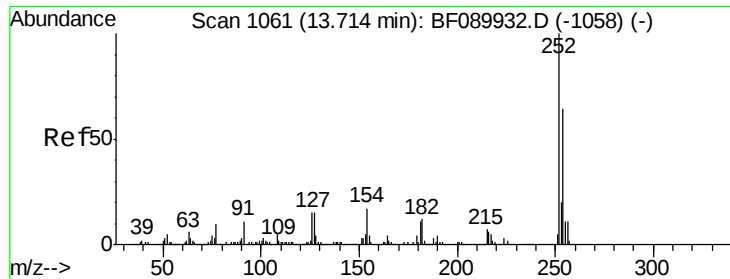


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

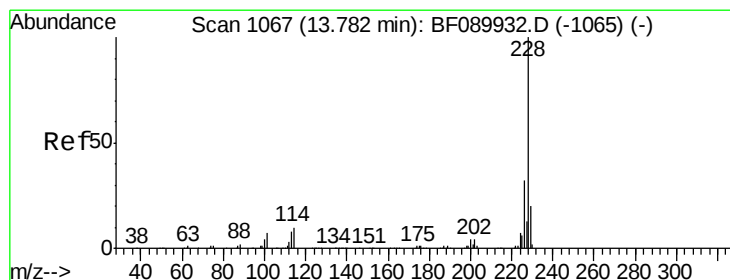
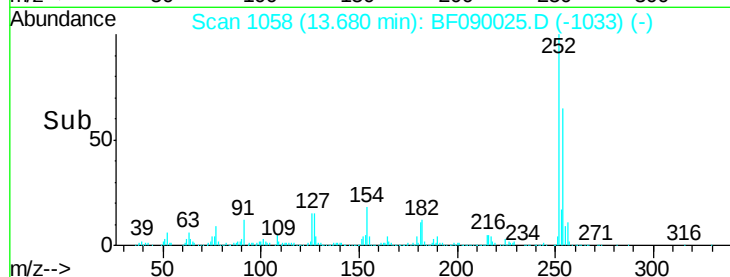
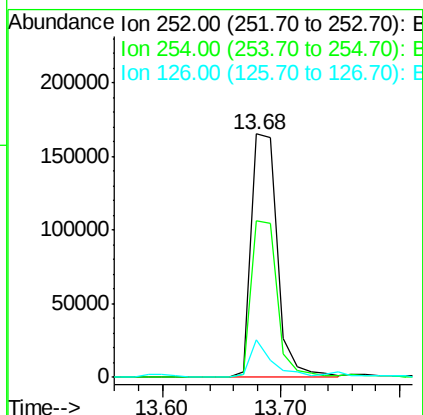
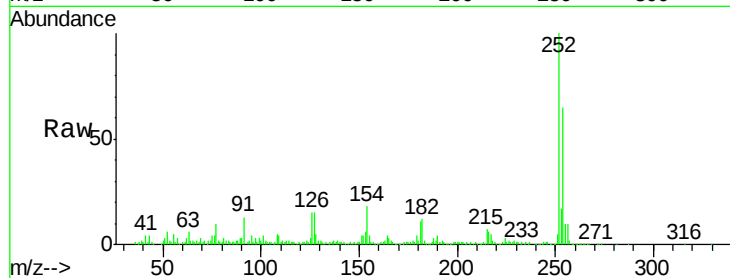




#81
 3,3'-Dichlorobenzidine
 Concen: 27.63 ng
 RT: 13.68 min Scan# 1058
 Delta R.T. -0.01 min
 Lab File: BF090025.D
 Acq: 8 Sep 2016 15:32

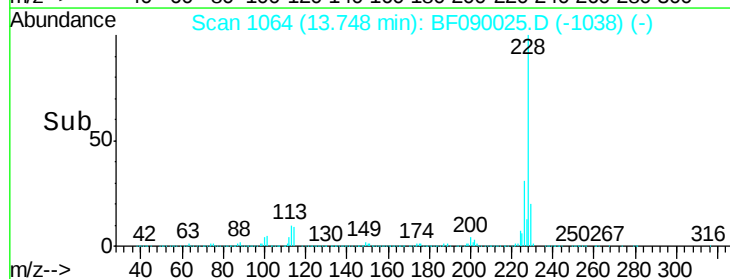
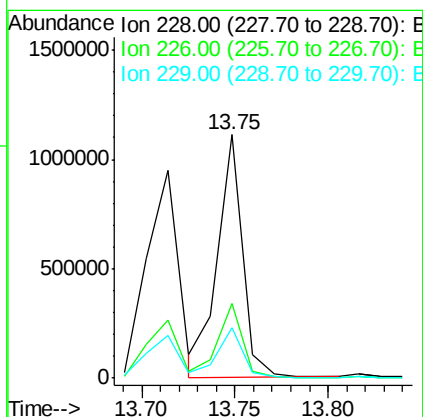
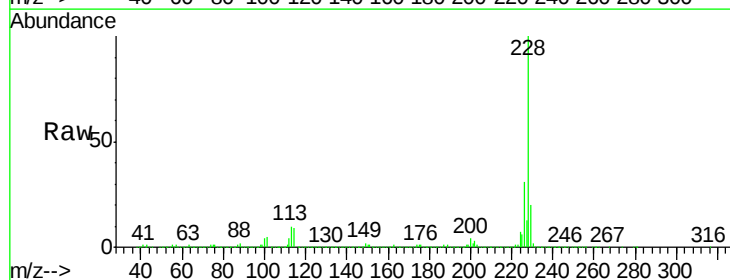
Instrument :
 BNA_F
 ClientSampleId :

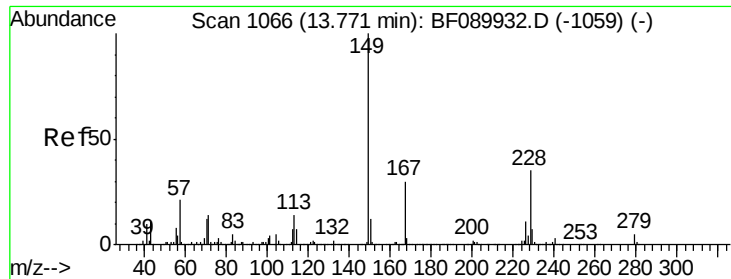
Tgt Ion: 252 Resp: 256031
 Ion Ratio Lower Upper
 252 100
 254 64.6 51.3 76.9
 126 15.5 12.3 18.5



#82
 Chrysene
 Concen: 43.29 ng
 RT: 13.75 min Scan# 1064
 Delta R.T. 0.00 min
 Lab File: BF090025.D
 Acq: 8 Sep 2016 15:32

Tgt Ion: 228 Resp: 1037938
 Ion Ratio Lower Upper
 228 100
 226 30.8 25.2 37.8
 229 20.5 16.2 24.2

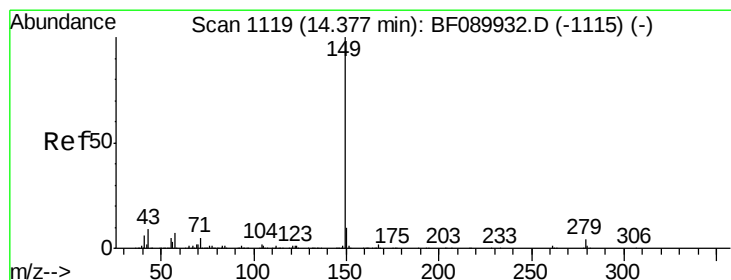
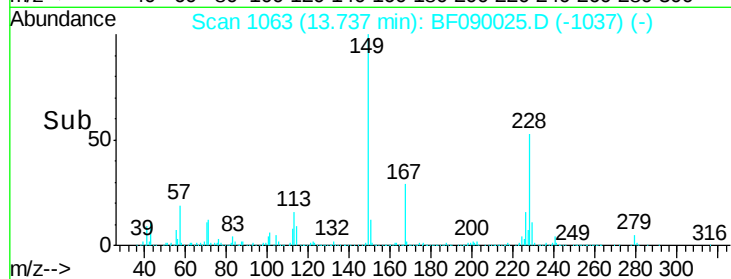
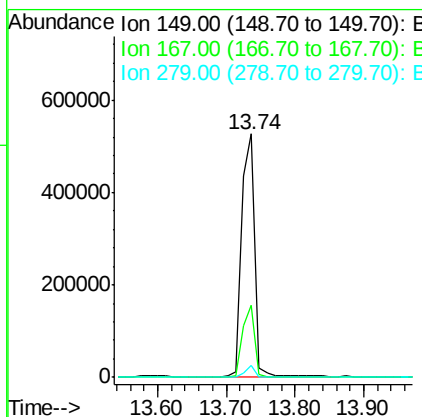
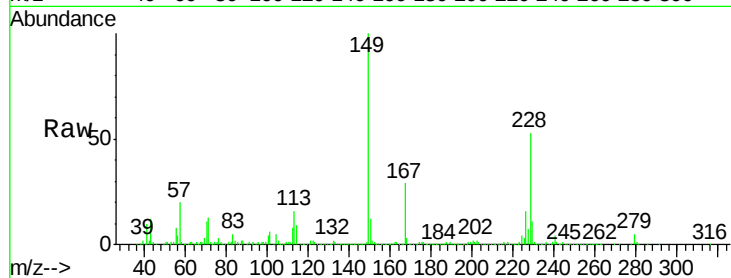




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 41.79 ng
 RT: 13.74 min Scan# 1063
 Delta R.T. 0.00 min
 Lab File: BF090025.D
 Acq: 8 Sep 2016 15:32

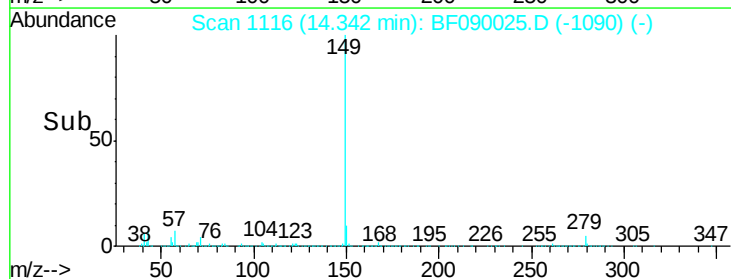
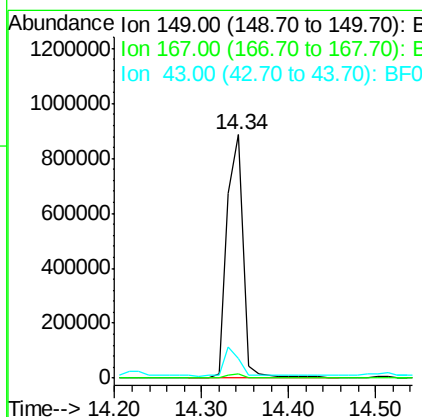
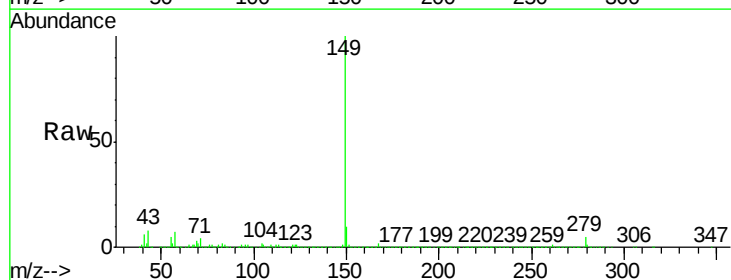
Instrument :
 BNA_F
 ClientSampleId :

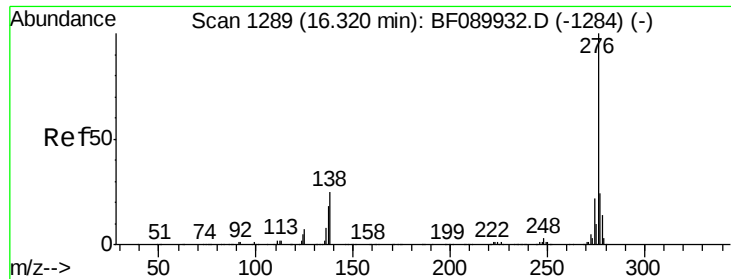
Tgt Ion:149 Resp: 688821
 Ion Ratio Lower Upper
 149 100
 167 29.4 23.6 35.4
 279 5.0 3.4 5.2



#84
 Di-n-octyl phthalate
 Concen: 42.40 ng
 RT: 14.34 min Scan# 1116
 Delta R.T. 0.00 min
 Lab File: BF090025.D
 Acq: 8 Sep 2016 15:32

Tgt Ion:149 Resp: 1128083
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.2 1.8
 43 11.3 9.3 13.9

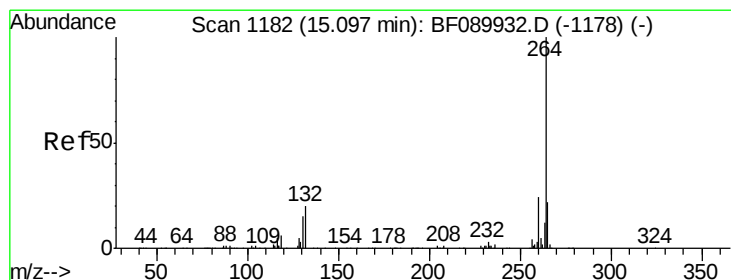
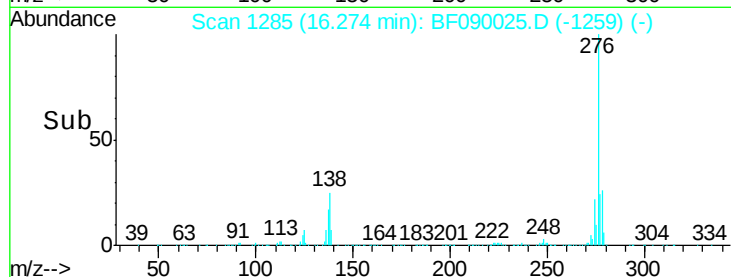
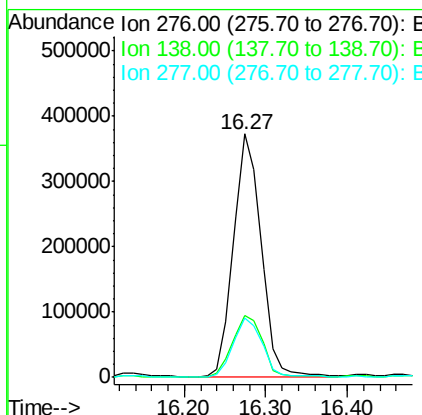
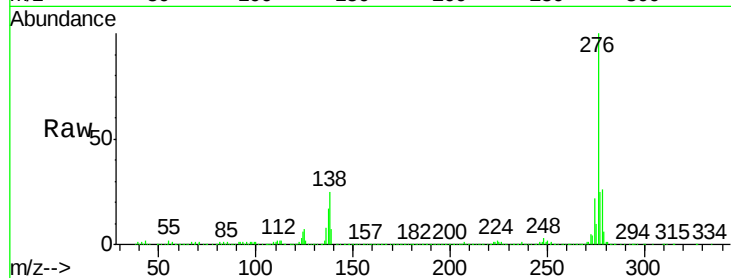




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 49.35 ng
 RT: 16.27 min Scan# 1285
 Delta R.T. 0.00 min
 Lab File: BF090025.D
 Acq: 8 Sep 2016 15:32

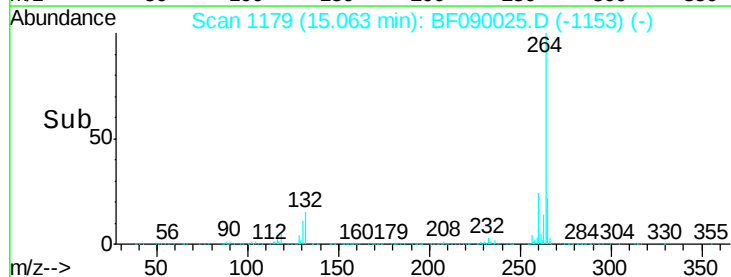
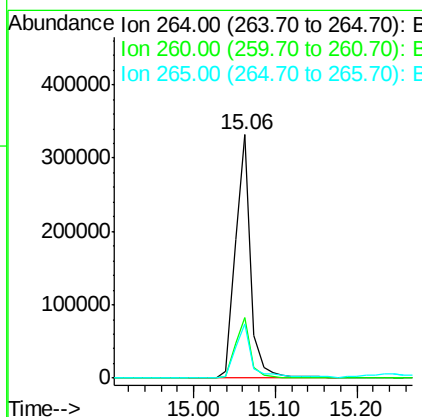
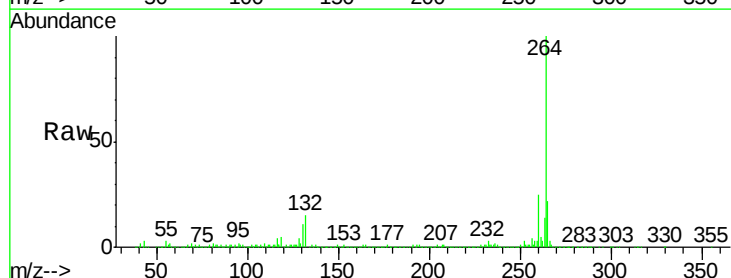
Instrument :
 BNA_F
 ClientSampleId :

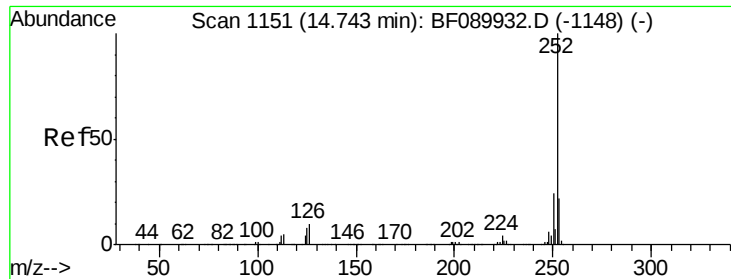
Tgt Ion: 276 Resp: 874737
 Ion Ratio Lower Upper
 276 100
 138 27.4 22.6 34.0
 277 25.5 20.1 30.1



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.06 min Scan# 1179
 Delta R.T. 0.00 min
 Lab File: BF090025.D
 Acq: 8 Sep 2016 15:32

Tgt Ion: 264 Resp: 429867
 Ion Ratio Lower Upper
 264 100
 260 24.7 19.4 29.0
 265 22.5 17.4 26.2

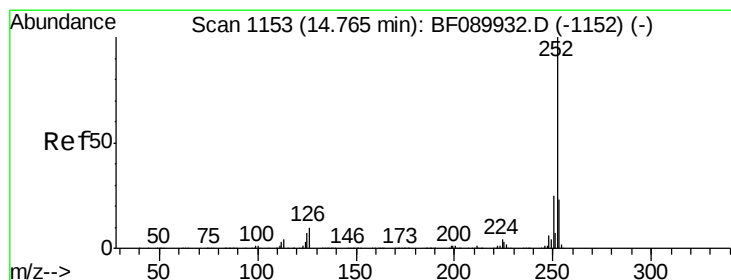
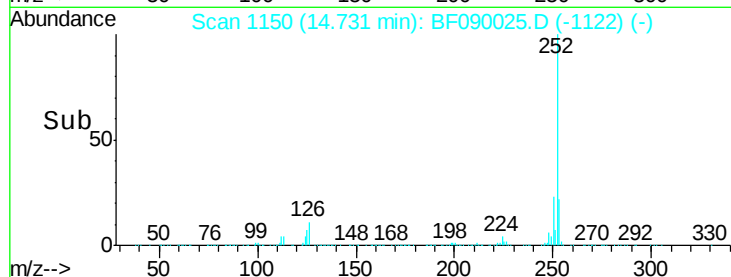
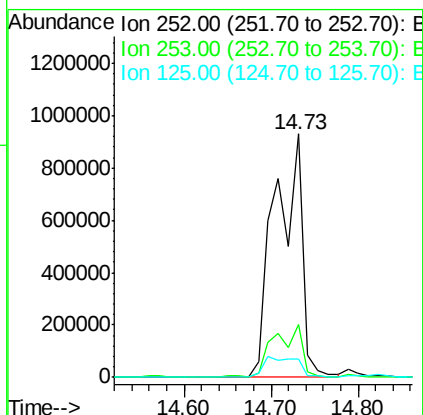
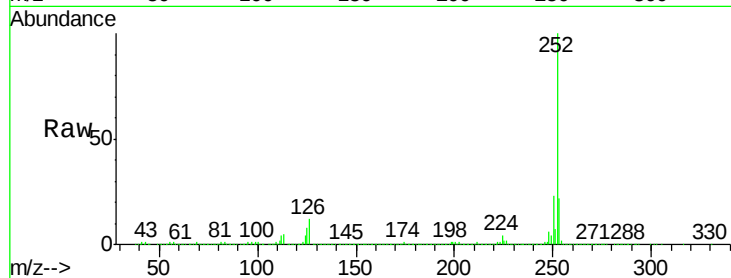




#87
Benzo(b)fluoranthene
Concen: 75.75 ng
RT: 14.73 min Scan# 1150
Delta R.T. 0.02 min
Lab File: BF090025.D
Acq: 8 Sep 2016 15:32

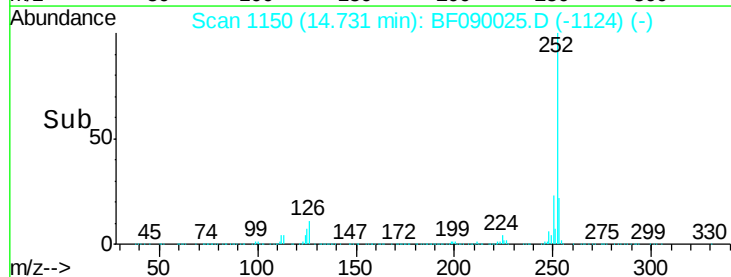
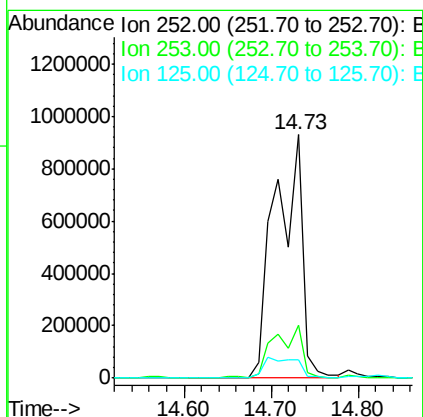
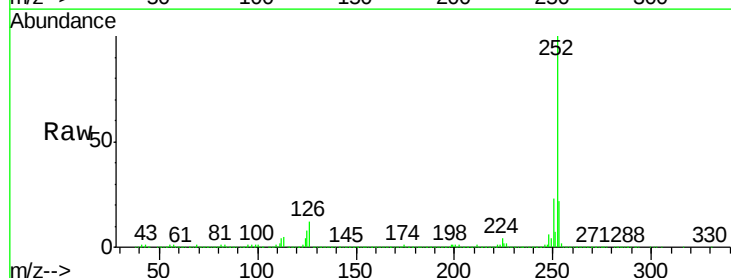
Instrument :
BNA_F
ClientSampleId :

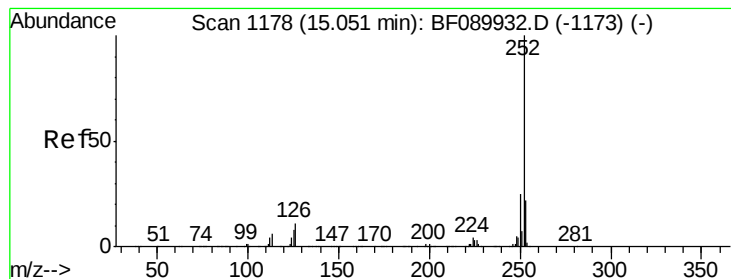
Tgt Ion:252 Resp: 2039780
Ion Ratio Lower Upper
252 100
253 21.9 18.0 27.0
125 7.7 5.7 8.5



#88
Benzo(k)fluoranthene
Concen: 89.26 ng
RT: 14.73 min Scan# 1150
Delta R.T. 0.00 min
Lab File: BF090025.D
Acq: 8 Sep 2016 15:32

Tgt Ion:252 Resp: 2039780
Ion Ratio Lower Upper
252 100
253 21.9 17.8 26.8
125 7.7 7.3 10.9





#89

Benzo(a)pyrene

Concen: 41.11 ng

RT: 15.01 min Scan# 1174

Delta R.T. 0.00 min

Lab File: BF090025.D

Acq: 8 Sep 2016 15:32

Instrument :

BNA_F

ClientSampleId :

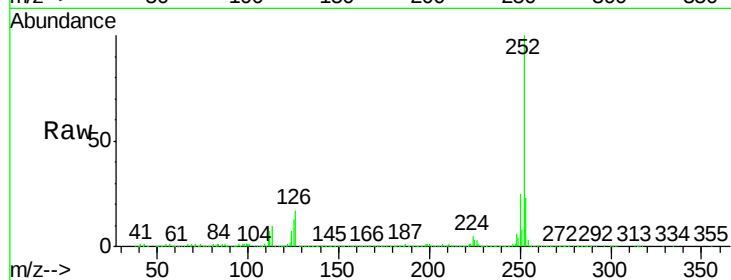
Tgt Ion:252 Resp: 948426

Ion Ratio Lower Upper

252 100

253 22.5 17.5 26.3

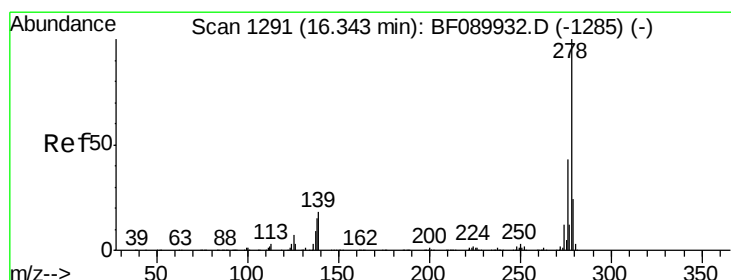
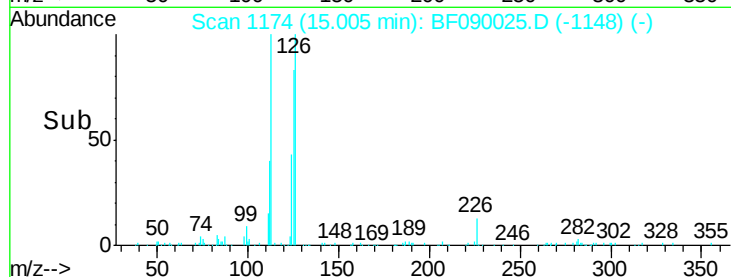
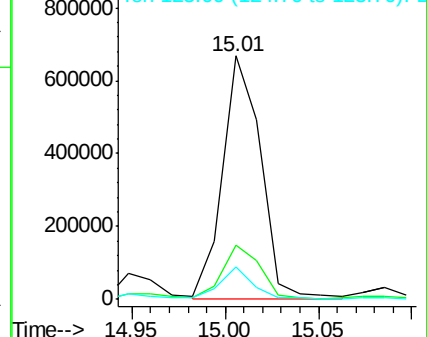
125 13.3 6.3 9.5#



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



#90

Dibenzo(a,h)anthracene

Concen: 42.22 ng

RT: 16.30 min Scan# 1287

Delta R.T. 0.00 min

Lab File: BF090025.D

Acq: 8 Sep 2016 15:32

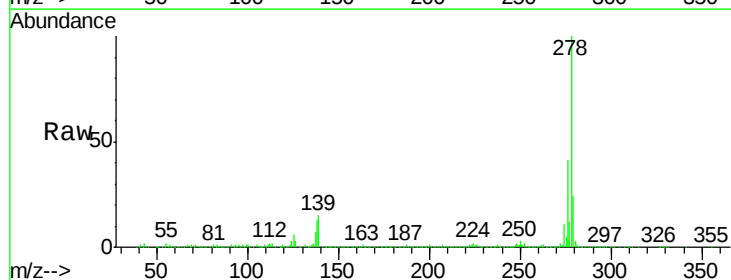
Tgt Ion:278 Resp: 713675

Ion Ratio Lower Upper

278 100

139 15.1 13.4 20.2

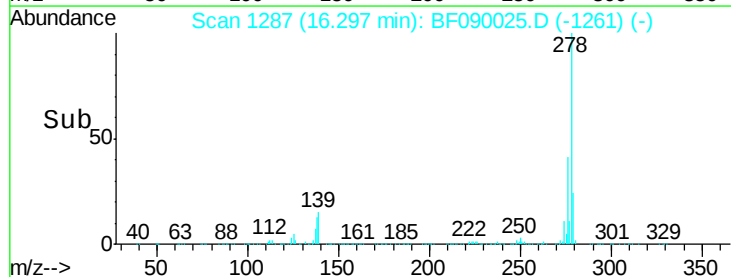
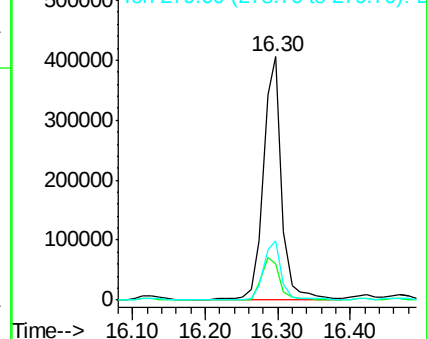
279 24.4 19.4 29.2

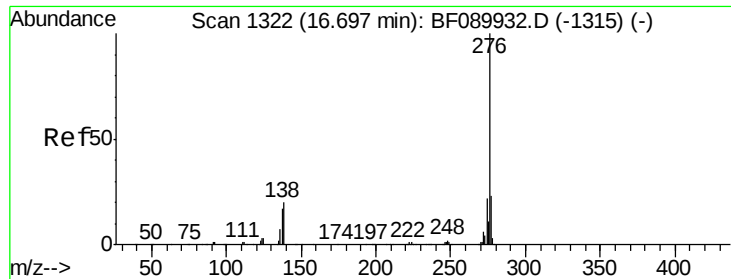


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E

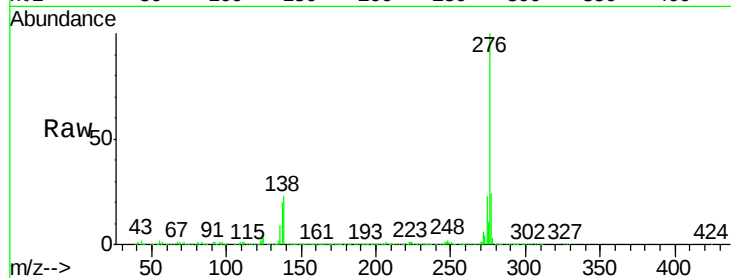




#91
 Benzo(g,h,i)perylene
 Concen: 42.81 ng
 RT: 16.64 min Scan# 1317
 Delta R.T. 0.00 min
 Lab File: BF090025.D
 Acq: 8 Sep 2016 15:32

Instrument :
 BNA_F
 ClientSampleId :

Tgt Ion: 276 Resp: 728425
 Ion Ratio Lower Upper
 276 100
 277 23.8 19.0 28.4
 138 22.7 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

