

Data Path : Z:\HPCHEM1\BNA F\DATA\BF090716\
 Data File : BF090003.D
 Acq On : 7 Sep 2016 14:23
 Operator : UM/SJ
 Sample : H4676-05MS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TEMP-AB(0-2)-8MS

Quant Time: Sep 07 14:58:54 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF083116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 02 13:29:08 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.62	152	184401	20.00	ng	-0.02
21) Naphthalene-d8	7.91	136	747225	20.00	ng	-0.02
38) Acenaphthene-d10	9.64	164	381773	20.00	ng	-0.02
63) Phenanthrene-d10	11.12	188	753712	20.00	ng	-0.02
75) Chrysene-d12	13.74	240	586617	20.00	ng	-0.02
86) Perylene-d12	15.07	264	462885	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.20	112	1361692	118.20	ng	-0.01
7) Phenol-d6	6.27	99	1732078	123.73	ng	-0.01
23) Nitrobenzene-d5	7.19	82	1002186	77.78	ng	-0.02
41) 2,4,6-Tribromophenol	10.43	330	475394	126.22	ng	-0.02
44) 2-Fluorobiphenyl	8.98	172	1799385	77.37	ng	-0.02
78) Terphenyl-d14	12.70	244	1996843	84.09	ng	-0.03

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.10	88	168398	30.85	ng	98
3) Pyridine	2.73	79	452152	31.05	ng	97
4) n-Nitrosodimethylamine	2.68	42	285078	39.70	ng	100
6) Aniline	6.28	93	587272	30.75	ng	# 48
8) 2-Chlorophenol	6.40	128	497113	39.77	ng	89
9) Benzaldehyde	6.16	77	73362	8.12	ng	96
10) Phenol	6.28	94	708513	43.53	ng	83
11) bis(2-Chloroethyl)ether	6.36	93	528737	42.92	ng	91
12) 1,3-Dichlorobenzene	6.56	146	557827	39.96	ng	99
13) 1,4-Dichlorobenzene	6.64	146	580651	40.66	ng	92
14) 1,2-Dichlorobenzene	6.79	146	539010	42.10	ng	99
15) Benzyl Alcohol	6.78	79	414113	47.22	ng	98
16) 2,2'-oxybis(1-Chloropropan	6.91	45	914504	38.93	ng	91
17) 2-Methylphenol	6.89	107	408242	40.90	ng	99
18) Hexachloroethane	7.13	117	198455	40.57	ng	94
19) n-Nitroso-di-n-propylamine	7.05	70	373822	40.98	ng	98
20) 3+4-Methylphenols	7.05	107	546357	45.16	ng	# 76
22) Acetophenone	7.04	105	651144	38.84	ng	# 92
24) Nitrobenzene	7.21	77	546242	39.88	ng	# 81
25) Isophorone	7.45	82	1006705	38.42	ng	99
26) 2-Nitrophenol	7.52	139	284001	43.37	ng	97
27) 2,4-Dimethylphenol	7.58	122	466560	38.52	ng	98
28) bis(2-Chloroethoxy)methane	7.67	93	630778	39.92	ng	99
29) 2,4-Dichlorophenol	7.77	162	479822	44.19	ng	93
30) 1,2,4-Trichlorobenzene	7.85	180	496639	41.84	ng	98
31) Naphthalene	7.93	128	1514794	40.69	ng	99
32) Benzoic acid	7.70	122	195013	23.90	ng	92
33) 4-Chloroaniline	7.99	127	453364	30.19	ng	# 93
34) Hexachlorobutadiene	8.04	225	273860	39.37	ng	98
35) Caprolactam	8.35	113	76807	22.41	ng	99
36) 4-Chloro-3-methylphenol	8.48	107	498109	43.32	ng	93
37) 2-Methylnaphthalene	8.62	142	1071106	43.54	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.79	216	398487	35.63	ng	99
40) Hexachlorocyclopentadiene	8.78	237	489529	85.37	ng	96

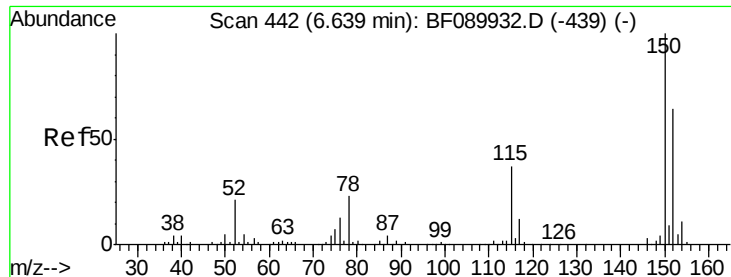
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.90	196	359260	46.35	nq	96
43) 2,4,5-Trichlorophenol	8.95	196	346251	46.46	nq	# 87
45) 1,1'-Biphenyl	9.08	154	1135365	36.94	nq	96
46) 2-Chloronaphthalene	9.10	162	906259	41.68	nq	98
47) 2-Nitroaniline	9.20	65	292575	41.16	nq	95
48) Acenaphthylene	9.51	152	1409239	39.20	nq	100
49) Dimethylphthalate	9.39	163	1519994	55.09	nq	100
50) 2,6-Dinitrotoluene	9.45	165	296458	48.31	nq	# 81
51) Acenaphthene	9.68	154	1007440	44.23	nq	99
52) 3-Nitroaniline	9.61	138	226376	32.34	nq	95
53) 2,4-Dinitrophenol	9.71	184	205385	57.17	nq	98
54) Dibenzofuran	9.85	168	1299359	42.56	nq	98
55) 4-Nitrophenol	9.79	139	437045	82.78	nq	# 69
56) 2,4-Dinitrotoluene	9.85	165	362043	46.52	nq	95
57) Fluorene	10.19	166	923966	41.42	nq	99
58) 2,3,4,6-Tetrachlorophenol	9.98	232	305191	47.83	nq	97
59) Diethylphthalate	10.09	149	1170869	45.10	nq	98
60) 4-Chlorophenyl-phenylether	10.19	204	442040	42.11	nq	# 88
61) 4-Nitroaniline	10.23	138	282270	41.04	nq	90
62) Azobenzene	10.35	77	1196483	46.14	nq	90
64) 4,6-Dinitro-2-methylphenol	10.25	198	178821	37.06	nq	90
65) n-Nitrosodiphenylamine	10.32	169	980384	43.27	nq	99
66) 4-Bromophenyl-phenylether	10.67	248	324358	42.75	nq	# 90
67) Hexachlorobenzene	10.74	284	364023	42.00	nq	# 77
68) Atrazine	10.85	200	298019	39.40	nq	99
69) Pentachlorophenol	10.94	266	384202	82.40	nq	99
70) Phenanthrene	11.14	178	1507153	40.15	nq	99
71) Anthracene	11.20	178	1735510	45.59	nq	99
72) Carbazole	11.36	167	1614735	45.24	nq	99
73) Di-n-butylphthalate	11.70	149	1829131	43.97	nq	98
74) Fluoranthene	12.32	202	1607470	40.87	nq	96
76) Benzidine	12.46	184	795398	35.79	nq	96
77) Pyrene	12.55	202	1813678	43.85	nq	99
79) Butylbenzylphthalate	13.18	149	710959	42.62	nq	94
80) Benzo(a)anthracene	13.73	228	1490145	41.47	nq	99
81) 3,3'-Dichlorobenzidine	13.70	252	385153	29.70	nq	# 95
82) Chrysene	13.76	228	1153934	34.38	nq	100
83) Bis(2-ethylhexyl)phthalate	13.75	149	969518	42.02	nq	98
84) Di-n-octyl phthalate	14.35	149	1537253	41.28	nq	100
85) Indeno(1,2,3-cd)pyrene	16.30	276	1153553	46.49	nq	100
87) Benzo(b)fluoranthene	14.74	252	2257840	77.86	nq	# 97
88) Benzo(k)fluoranthene	14.74	252	2257840	91.76	nq	99
89) Benzo(a)pyrene	15.03	252	1097683	44.18	nq	99
90) Dibenzo(a,h)anthracene	16.31	278	964647	52.99	nq	# 96
91) Benzo(g,h,i)perylene	16.66	276	996360	54.38	nq	96

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.62 min Scan# 440

Delta R.T. -0.02 min

Lab File: BF090003.D

Acq: 7 Sep 2016 14:23

Instrument :

BNA_F

ClientSampleId :

TEMP-AB(0-2)-8MS

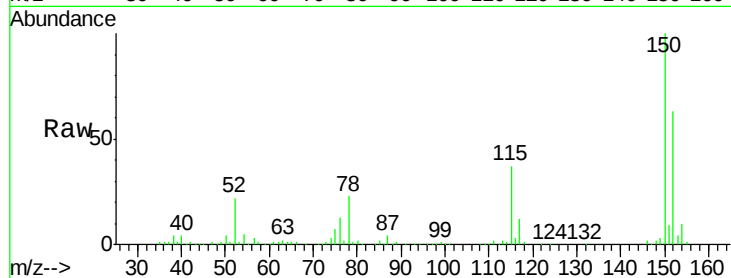
Tot Ion:152 Resp: 184401

Ion Ratio Lower Upper

152 100

150 158.9 127.4 191.2

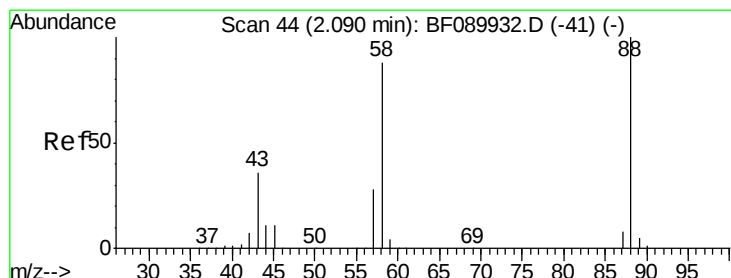
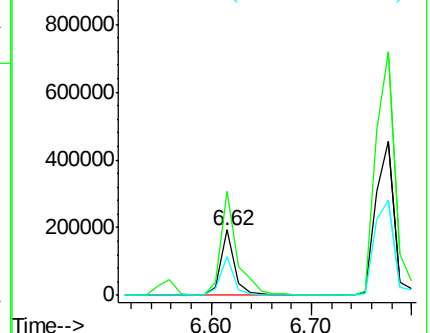
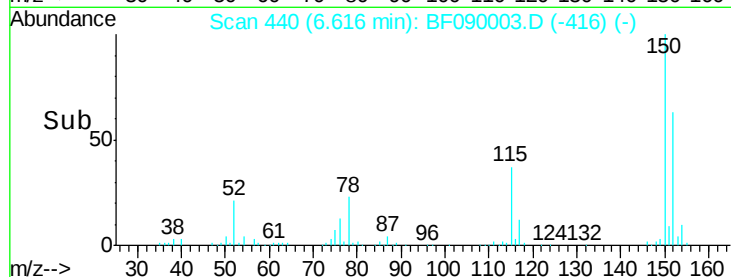
115 59.2 46.3 69.5



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 30.85 ng

RT: 2.10 min Scan# 45

Delta R.T. 0.00 min

Lab File: BF090003.D

Acq: 7 Sep 2016 14:23

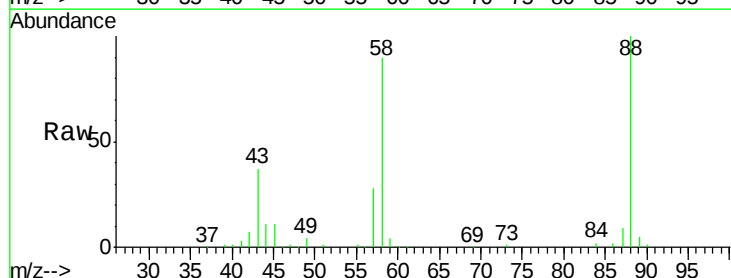
Tgt Ion: 88 Resp: 168398

Ion Ratio Lower Upper

88 100

58 87.5 68.8 103.2

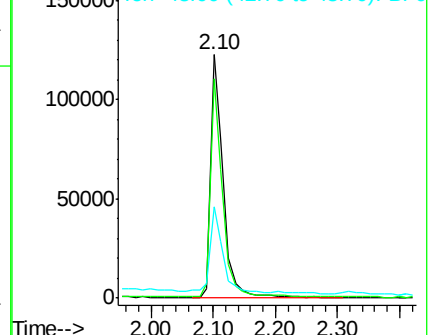
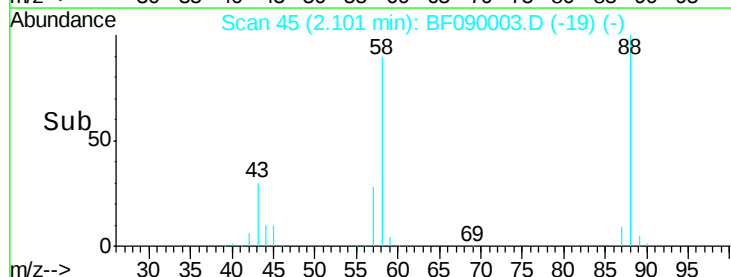
43 35.0 27.0 40.6

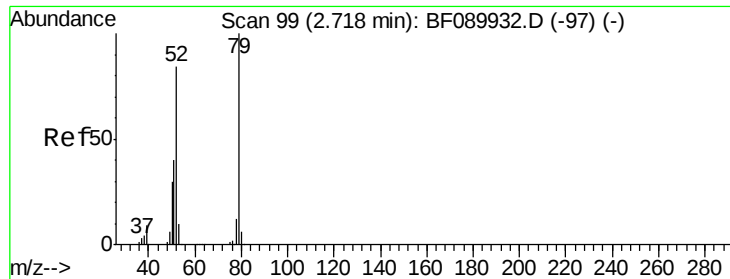


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 31.05 ng

RT: 2.73 min Scan# 100

Delta R.T. 0.00 min

Lab File: BF090003.D

Acq: 7 Sep 2016 14:23

Instrument :

BNA_F

ClientSampleId :

TEMP-AB(0-2)-8MS

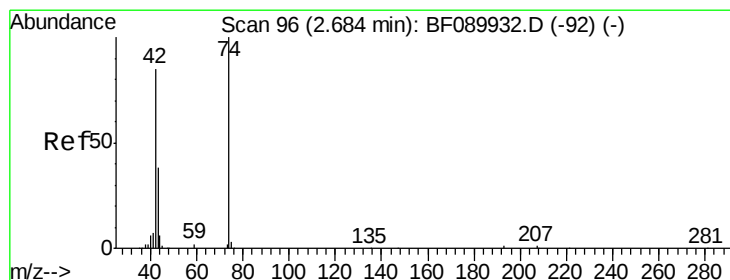
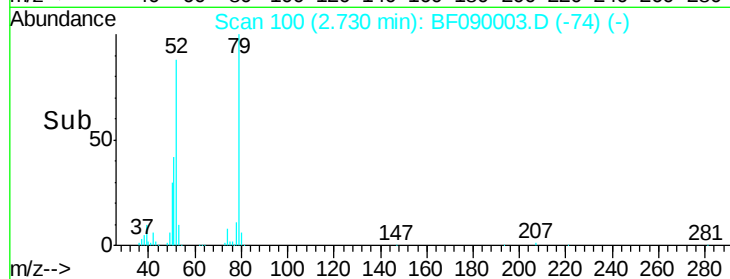
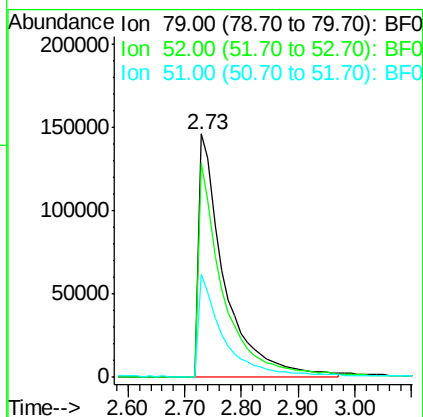
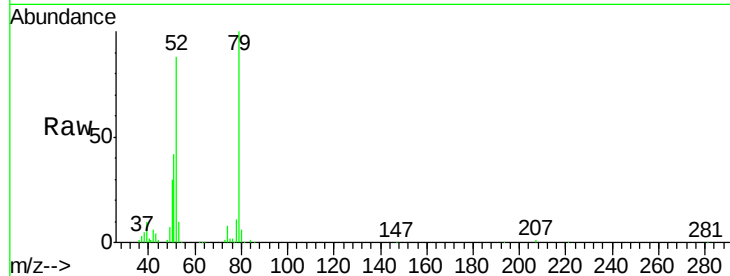
Tot Ion: 79 Resp: 452152

Ion Ratio Lower Upper

79 100

52 87.7 67.8 101.6

51 42.2 32.9 49.3



#4

n-Nitrosodimethylamine

Concen: 39.70 ng

RT: 2.68 min Scan# 96

Delta R.T. -0.01 min

Lab File: BF090003.D

Acq: 7 Sep 2016 14:23

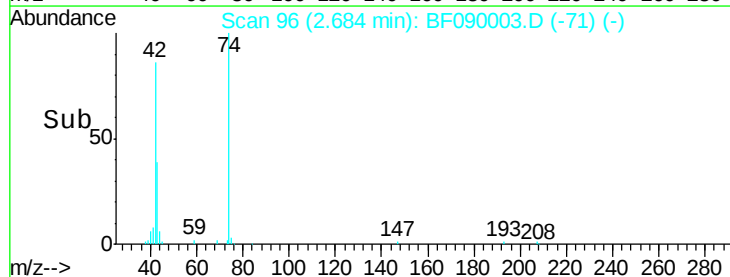
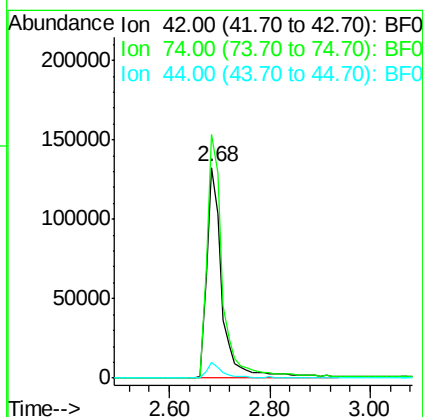
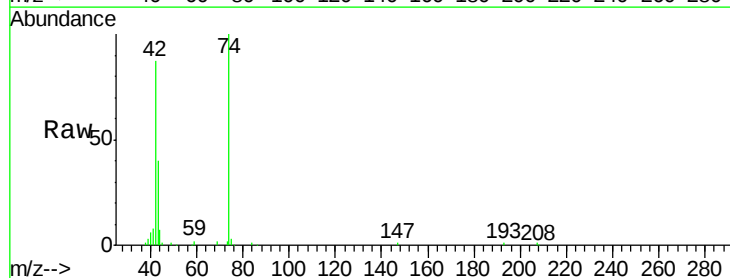
Tgt Ion: 42 Resp: 285078

Ion Ratio Lower Upper

42 100

74 115.5 92.0 138.0

44 7.7 5.8 8.8





#5

2-Fluorophenol

Concen: 118.20 ng

RT: 5.20 min Scan# 316

Delta R.T. -0.01 min

Lab File: BF090003.D

Acq: 7 Sep 2016 14:23

Instrument :

BNA_F

ClientSampleId :

TEMP-AB(0-2)-8MS

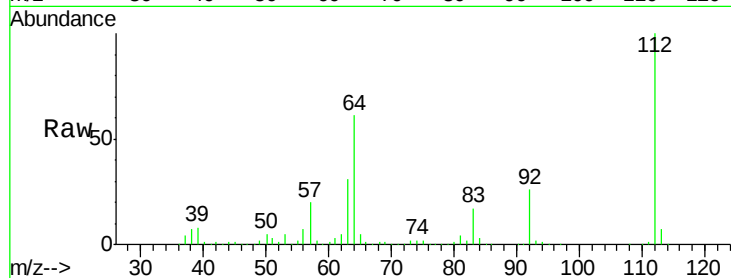
Tot Ion:112 Resp: 1361692

Ion Ratio Lower Upper

112 100

64 60.6 41.1 61.7

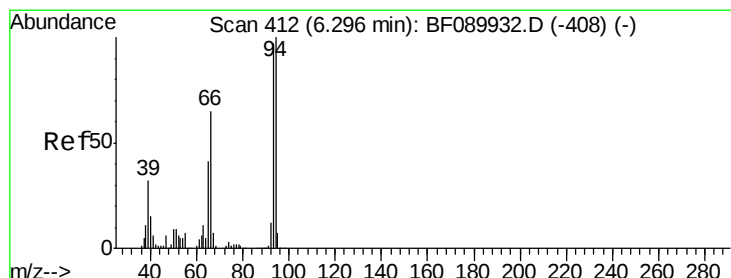
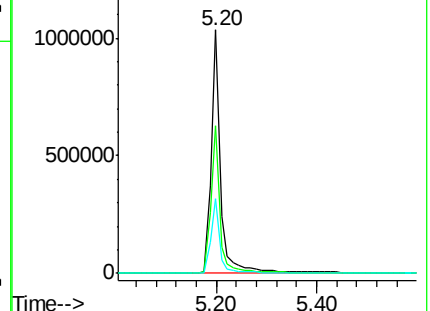
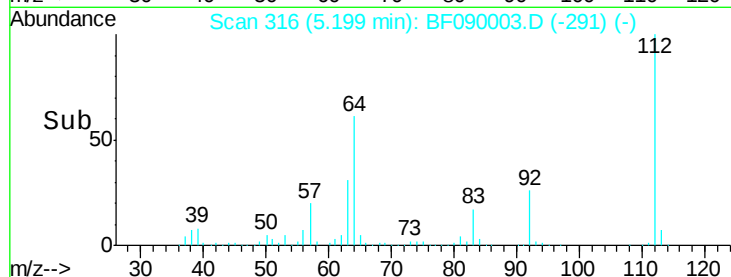
63 30.8 21.2 31.8



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: 30.75 ng

RT: 6.28 min Scan# 411

Delta R.T. -0.01 min

Lab File: BF090003.D

Acq: 7 Sep 2016 14:23

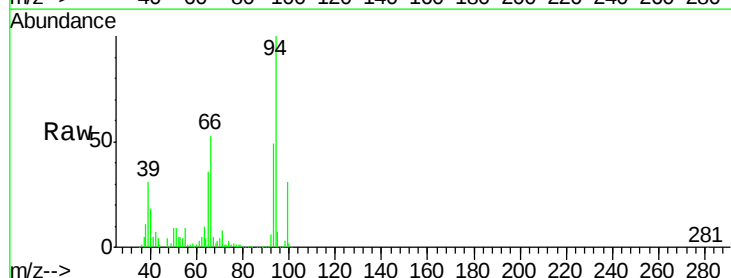
Tgt Ion: 93 Resp: 587272

Ion Ratio Lower Upper

93 100

66 108.4 52.9 79.3#

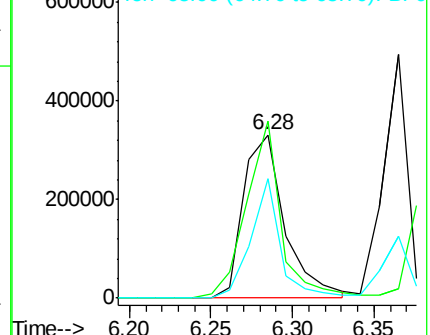
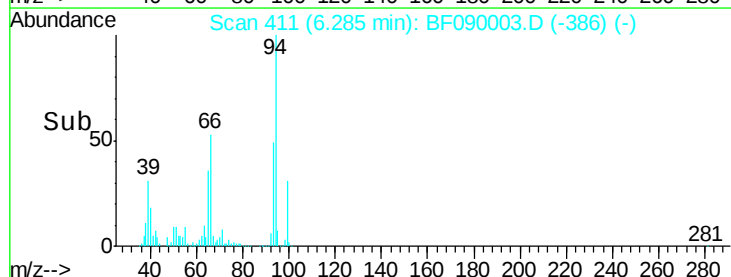
65 73.0 33.0 49.6#

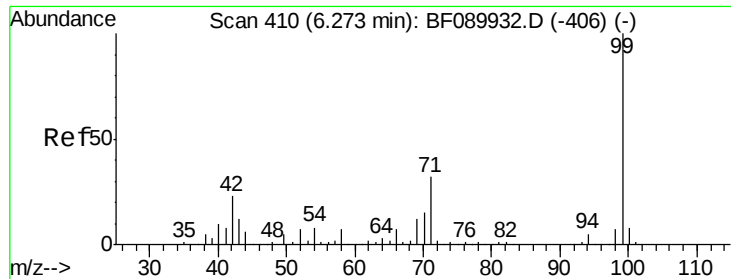


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 123.73 ng

RT: 6.27 min Scan# 410

Delta R.T. -0.01 min

Lab File: BF090003.D

Acq: 7 Sep 2016 14:23

Instrument :

BNA_F

ClientSampleId :

TEMP-AB(0-2)-8MS

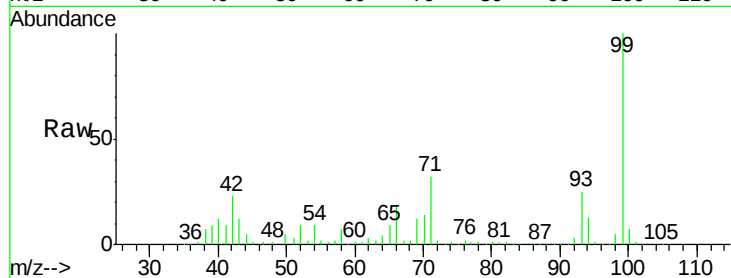
Tot Ion: 99 Resp: 1732078

Ion Ratio Lower Upper

99 100

42 22.6 18.6 27.8

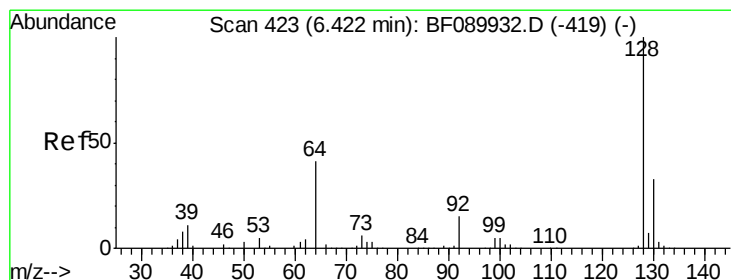
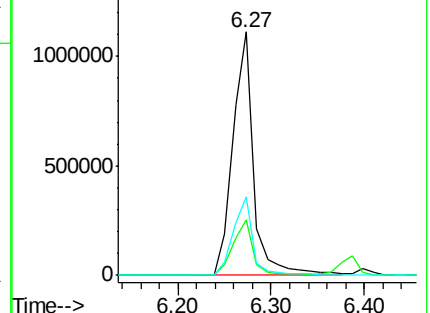
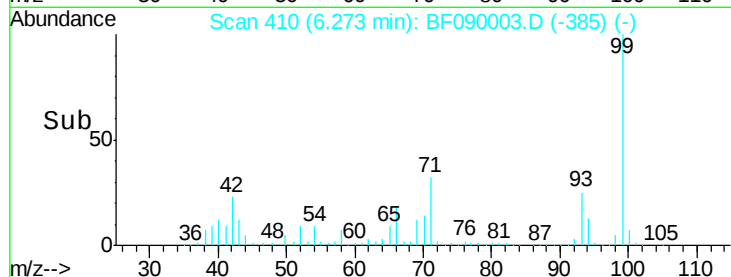
71 32.1 25.8 38.6



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: 39.77 ng

RT: 6.40 min Scan# 421

Delta R.T. -0.02 min

Lab File: BF090003.D

Acq: 7 Sep 2016 14:23

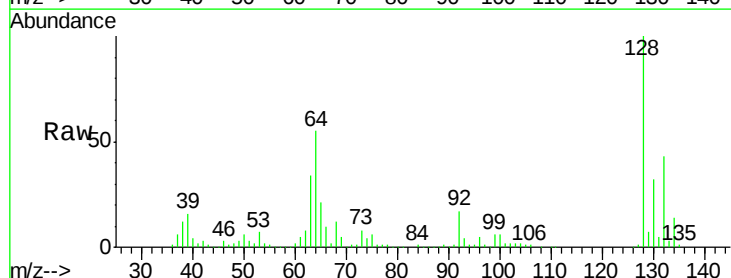
Tgt Ion: 128 Resp: 497113

Ion Ratio Lower Upper

128 100

130 32.3 12.8 52.8

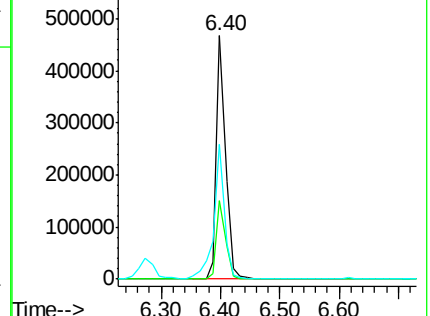
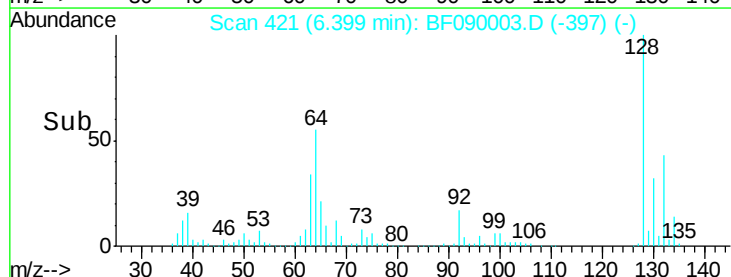
64 55.4 23.2 63.2

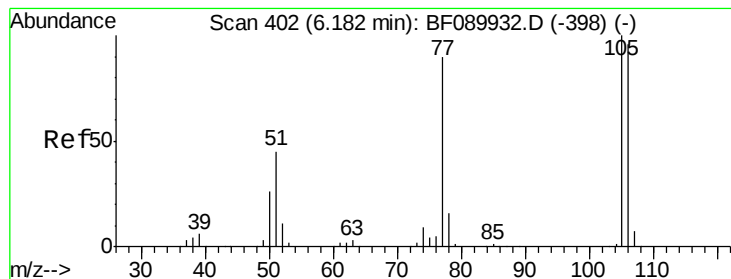


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 8.12 ng

RT: 6.16 min Scan# 400

Delta R.T. -0.02 min

Lab File: BF090003.D

Acq: 7 Sep 2016 14:23

Instrument :

BNA_F

ClientSampleId :

TEMP-AB(0-2)-8MS

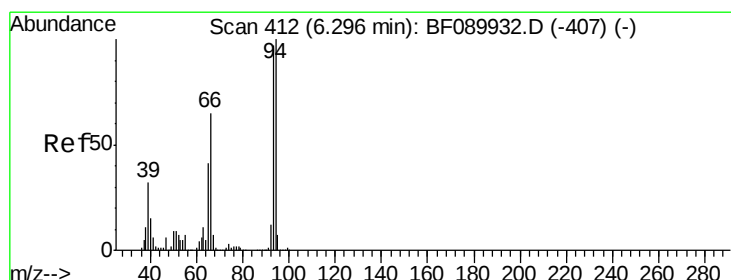
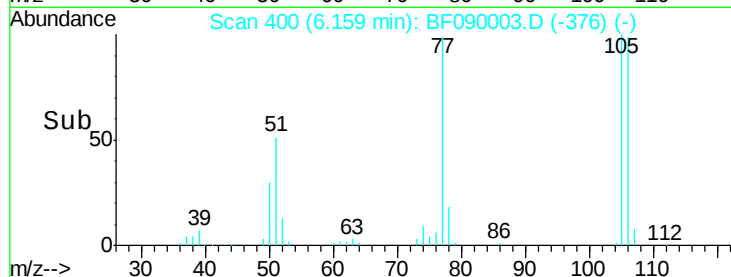
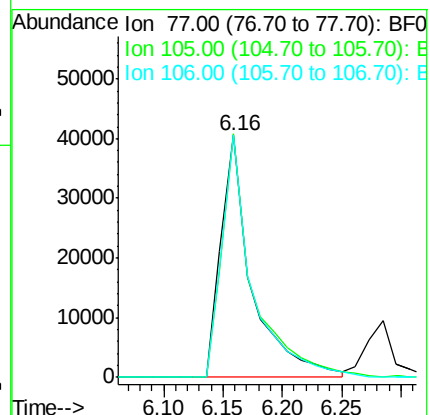
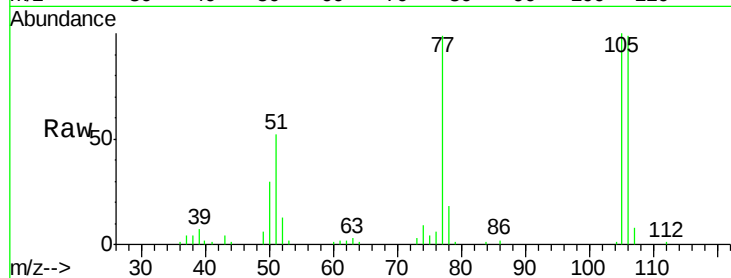
Tot Ion: 77 Resp: 73362

Ion Ratio Lower Upper

77 100

105 100.7 85.4 125.4

106 100.2 83.4 123.4



#10

Phenol

Concen: 43.53 ng

RT: 6.28 min Scan# 411

Delta R.T. -0.01 min

Lab File: BF090003.D

Acq: 7 Sep 2016 14:23

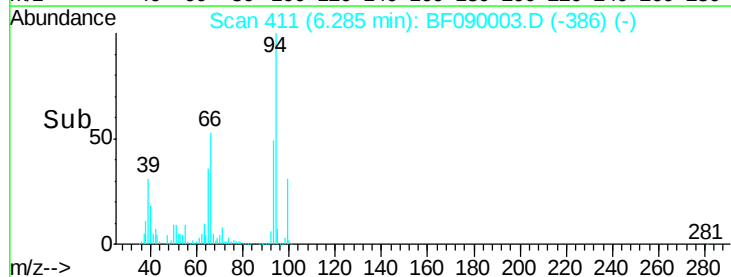
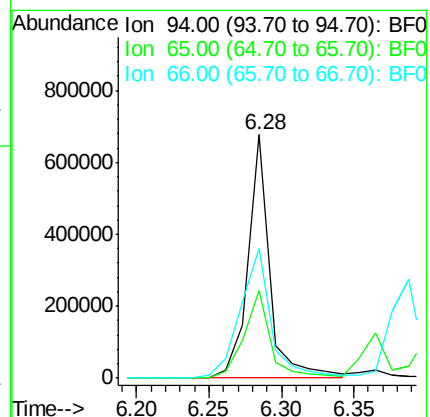
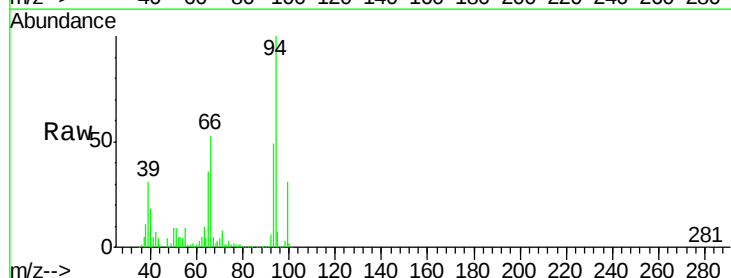
Tgt Ion: 94 Resp: 708513

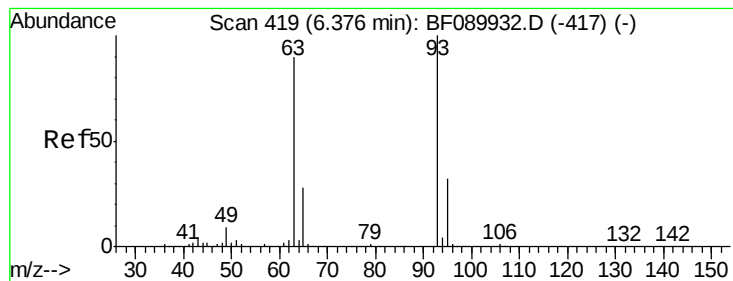
Ion Ratio Lower Upper

94 100

65 35.7 23.2 63.2

66 53.0 49.2 89.2

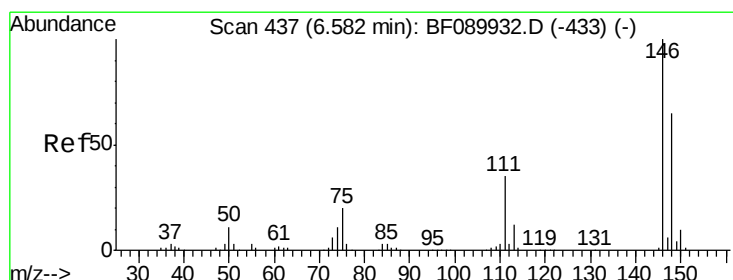
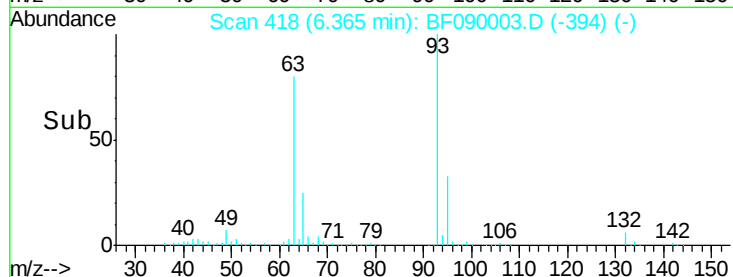
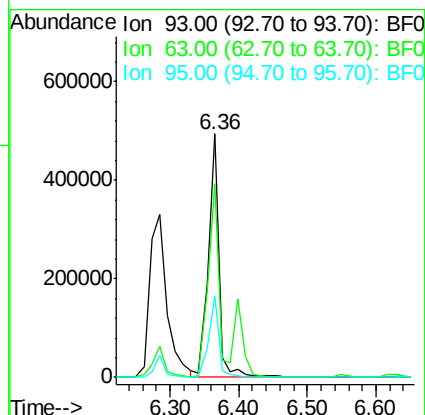
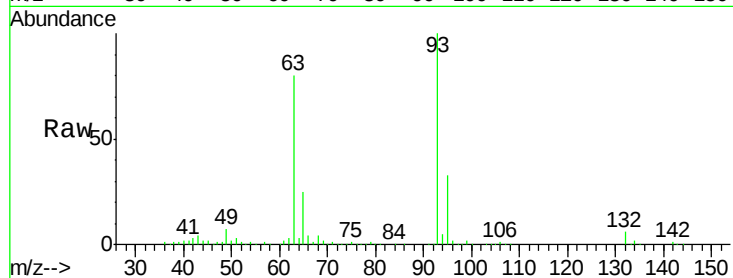




#11
bis(2-Chloroethyl)ether
Concen: 42.92 ng
RT: 6.36 min Scan# 418
Delta R.T. -0.02 min
Lab File: BF090003.D
Acq: 7 Sep 2016 14:23

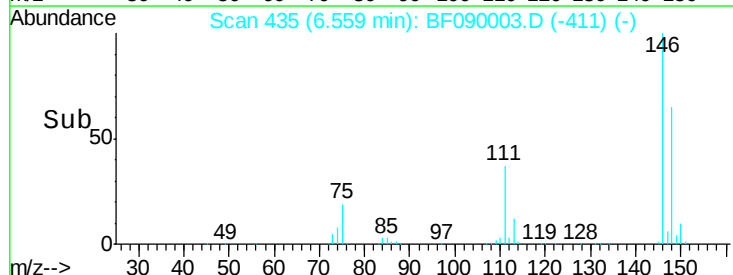
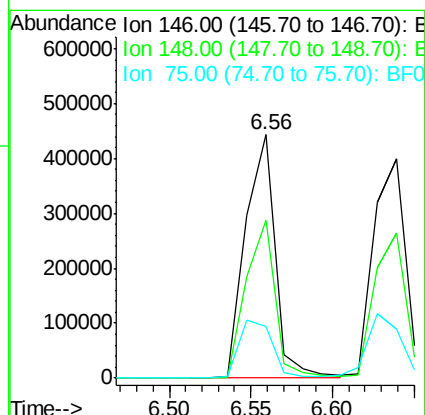
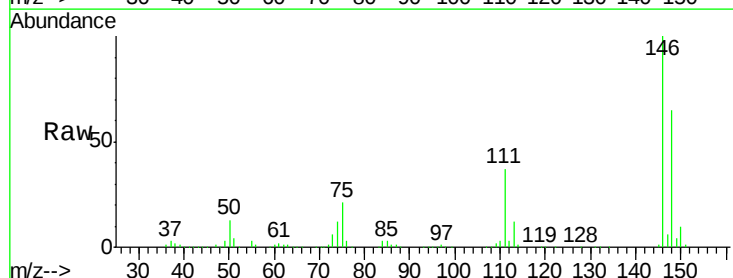
Instrument :
BNA_F
ClientSampleId :
TEMP-AB(0-2)-8MS

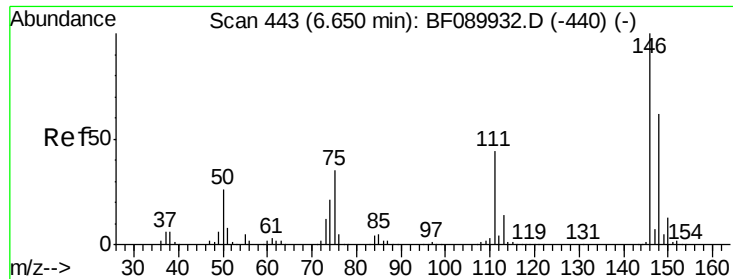
Tot Ion	93	Resp	528737
Ion Ratio	Lower	Upper	
93	100		
63	79.6	71.1	111.1
95	33.4	12.4	52.4



#12
1,3-Dichlorobenzene
Concen: 39.96 ng
RT: 6.56 min Scan# 435
Delta R.T. -0.02 min
Lab File: BF090003.D
Acq: 7 Sep 2016 14:23

Tgt Ion	146	Resp	557827
Ion Ratio	Lower	Upper	
146	100		
148	64.8	52.5	78.7
75	21.0	16.6	24.8

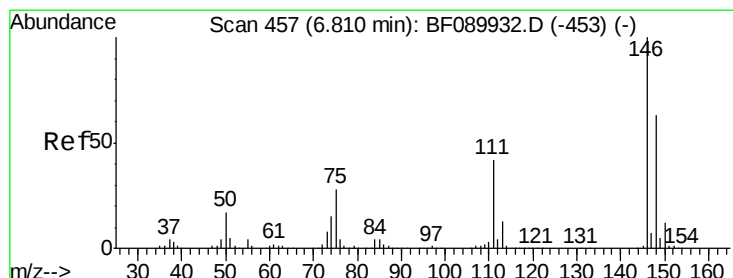
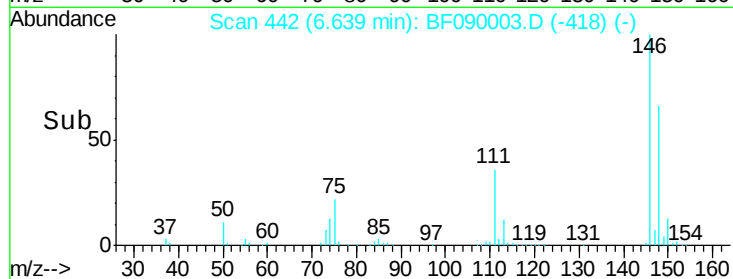
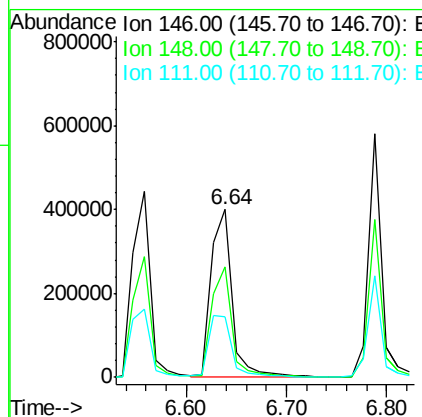
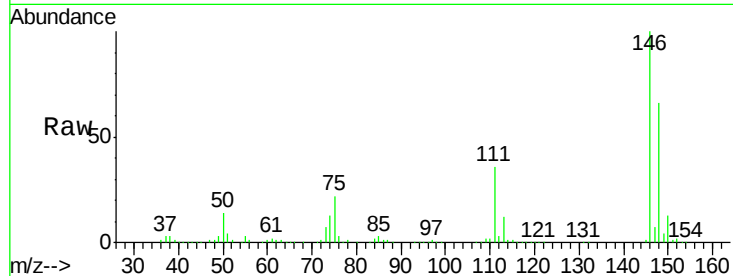




#13
 1,4-Dichlorobenzene
 Concen: 40.66 ng
 RT: 6.64 min Scan# 442
 Delta R.T. -0.02 min
 Lab File: BF090003.D
 Acq: 7 Sep 2016 14:23

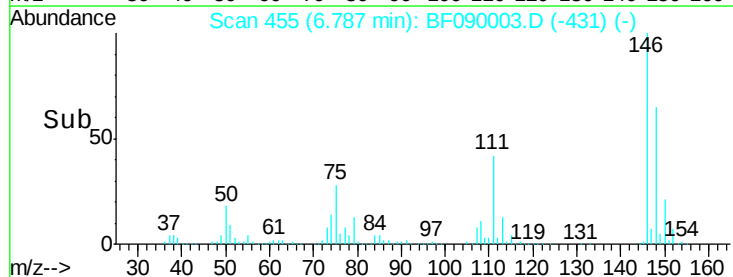
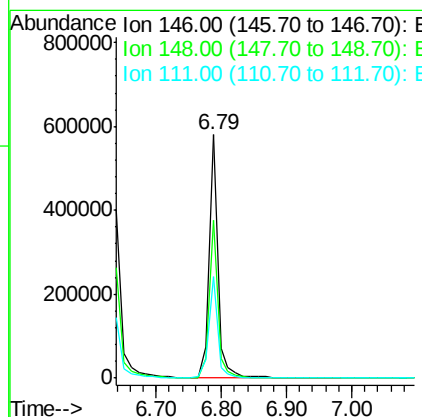
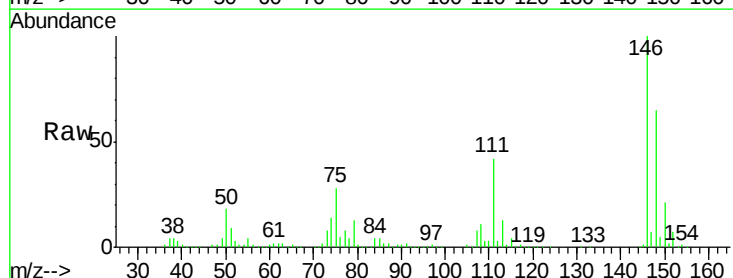
Instrument :
 BNA_F
 ClientSampleId :
 TEMP-AB(0-2)-8MS

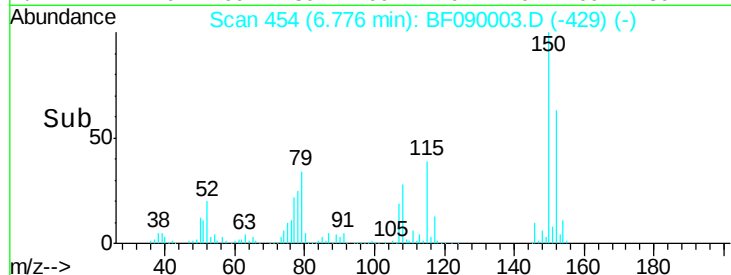
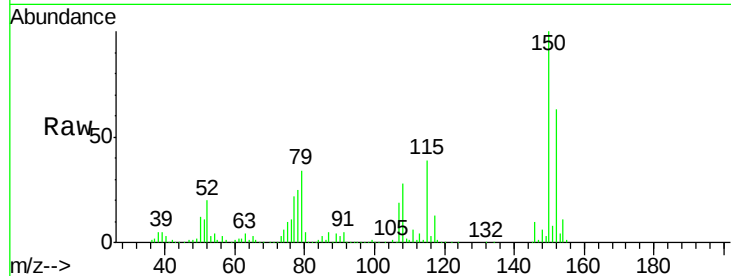
Tot Ion:146 Resp: 580651
 Ion Ratio Lower Upper
 146 100
 148 65.7 50.1 75.1
 111 36.2 35.8 53.6



#14
 1,2-Dichlorobenzene
 Concen: 42.10 ng
 RT: 6.79 min Scan# 455
 Delta R.T. -0.02 min
 Lab File: BF090003.D
 Acq: 7 Sep 2016 14:23

Tgt Ion:146 Resp: 539010
 Ion Ratio Lower Upper
 146 100
 148 64.7 51.4 77.2
 111 41.6 34.6 51.8





#15

Benzyl Alcohol

Concen: 47.22 ng

RT: 6.78 min Scan# 454

Delta R.T. -0.01 min

Lab File: BF090003.D

Acq: 7 Sep 2016 14:23

Instrument :

BNA_F

ClientSampleId :

TEMP-AB(0-2)-8MS

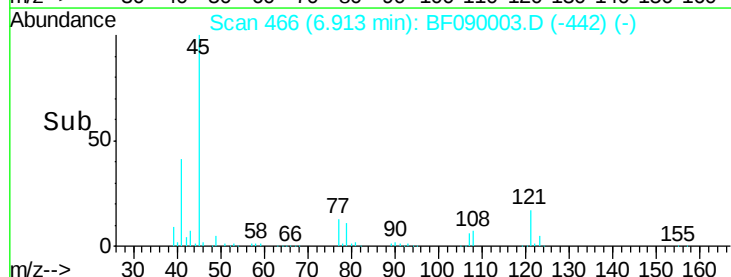
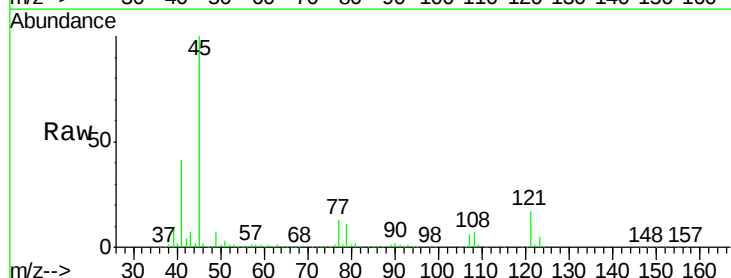
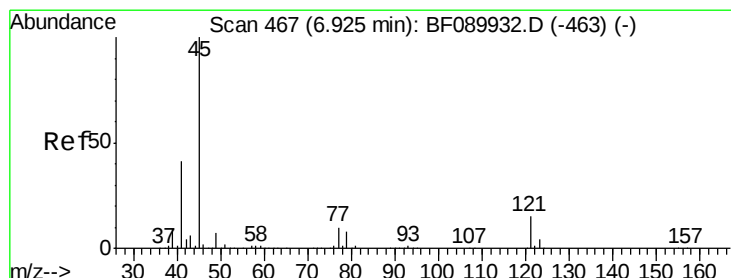
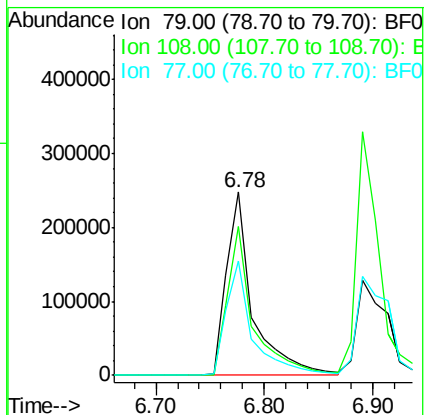
Tot Ion: 79 Resp: 414113

Ion Ratio Lower Upper

79 100

108 81.1 62.1 93.1

77 62.8 50.1 75.1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 38.93 ng

RT: 6.91 min Scan# 466

Delta R.T. -0.02 min

Lab File: BF090003.D

Acq: 7 Sep 2016 14:23

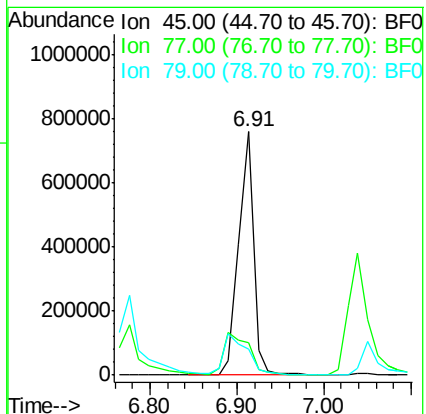
Tgt Ion: 45 Resp: 914504

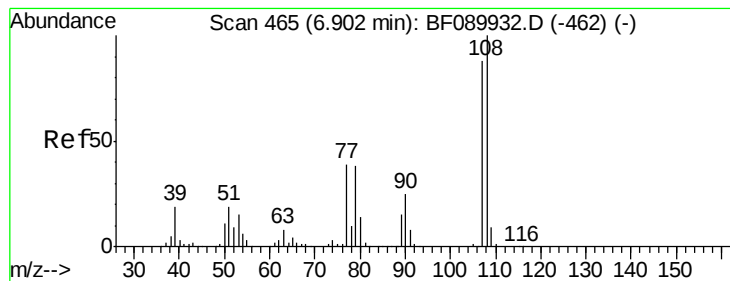
Ion Ratio Lower Upper

45 100

77 13.3 0.0 30.3

79 10.9 0.0 27.5

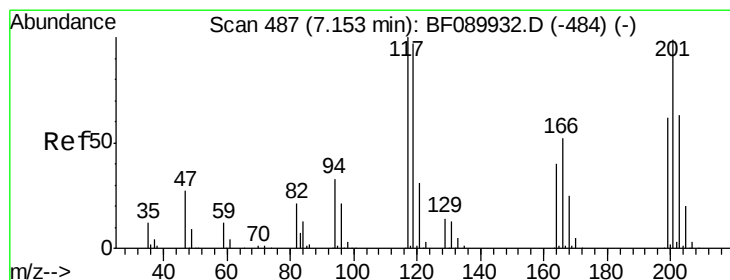
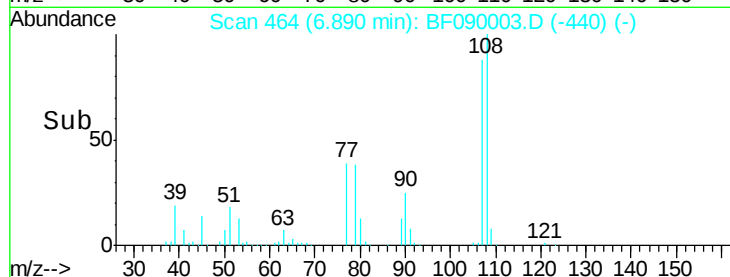
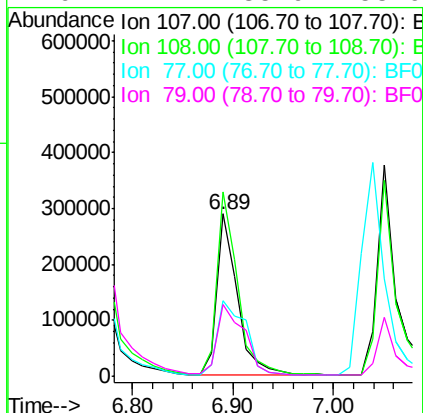
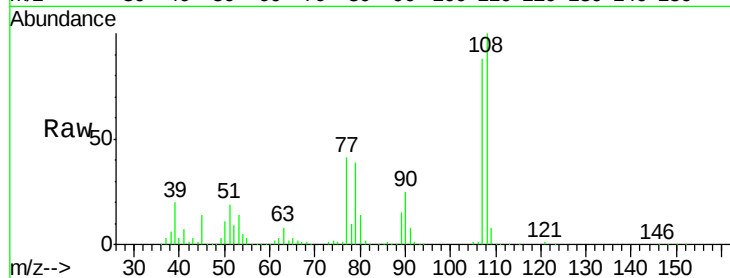




#17
2-Methylphenol
Concen: 40.90 ng
RT: 6.89 min Scan# 464
Delta R.T. -0.02 min
Lab File: BF090003.D
Acq: 7 Sep 2016 14:23

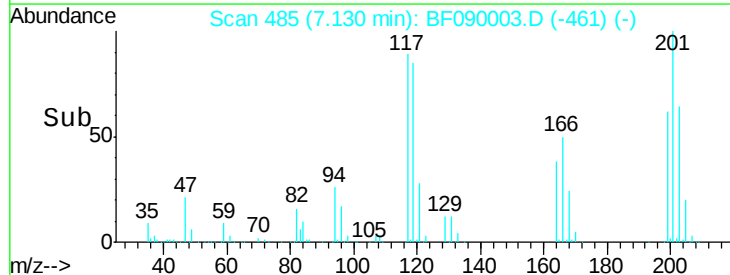
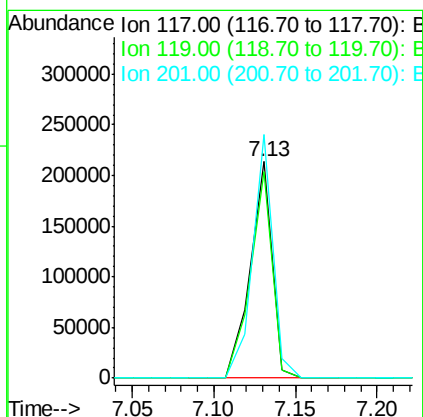
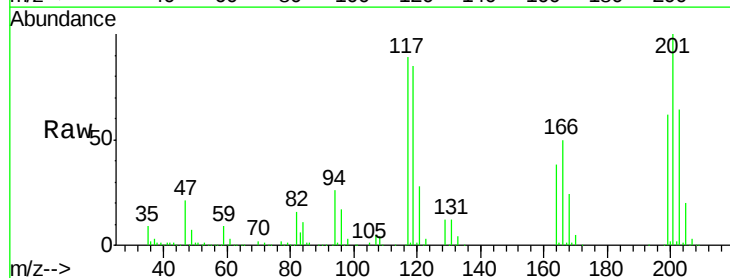
Instrument :
BNA_F
ClientSampleId :
TEMP-AB(0-2)-8MS

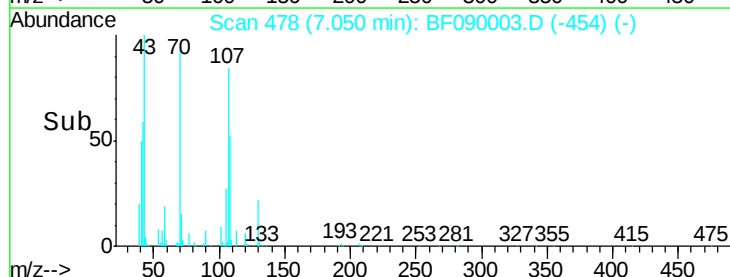
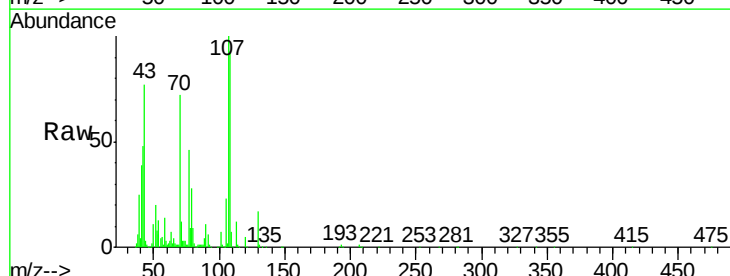
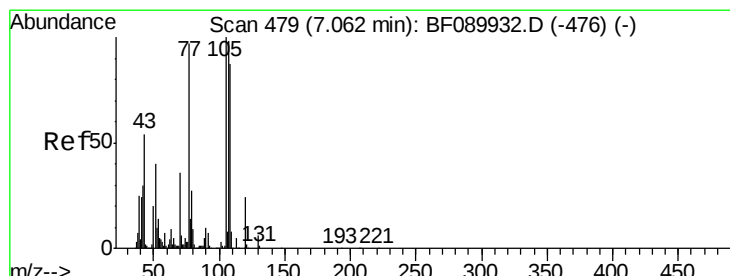
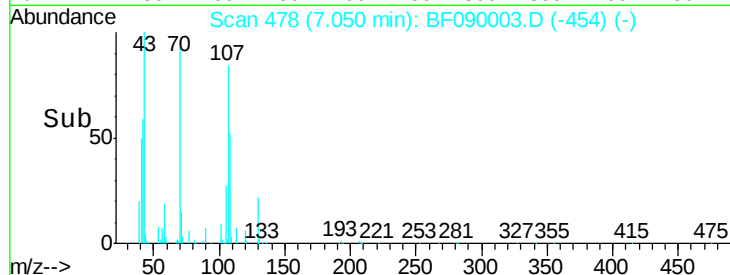
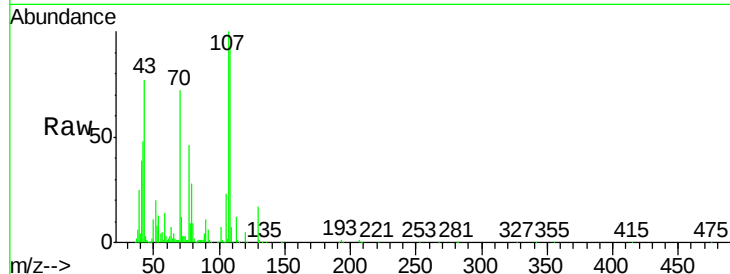
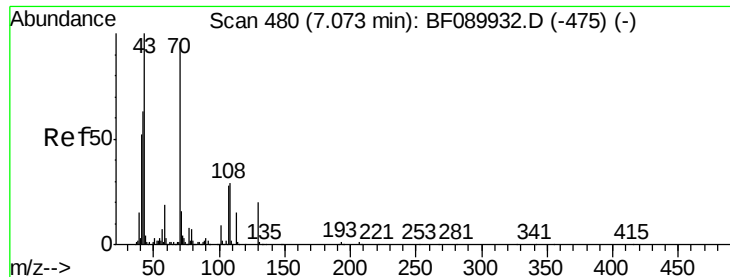
Tot Ion:	107	Resp:	408242
Ion	Ratio	Lower	Upper
107	100		
108	113.5	91.8	137.6
77	46.3	36.0	54.0
79	44.1	35.9	53.9



#18
Hexachloroethane
Concen: 40.57 ng
RT: 7.13 min Scan# 485
Delta R.T. -0.02 min
Lab File: BF090003.D
Acq: 7 Sep 2016 14:23

Tgt Ion:	117	Resp:	198455
Ion	Ratio	Lower	Upper
117	100		
119	95.5	76.2	114.2
201	112.4	80.2	120.2

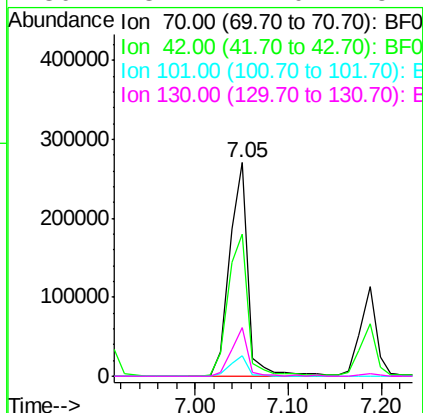




#19
n-Nitroso-di-n-propylamine
Concen: 40.98 ng
RT: 7.05 min Scan# 478
Delta R.T. -0.02 min
Lab File: BF090003.D
Acq: 7 Sep 2016 14:23

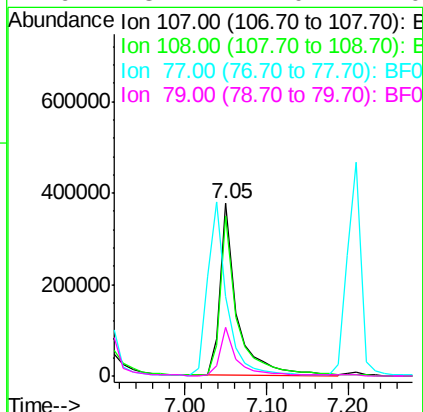
Instrument :
BNA_F
ClientSampleId :
TEMP-AB(0-2)-8MS

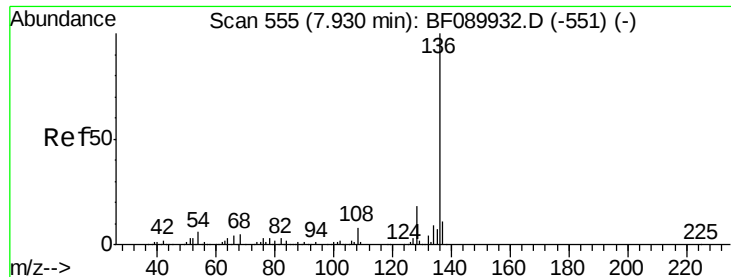
Tot Ion:	70	Resp:	373822
Ion	Ratio	Lower	Upper
70	100		
42	66.4	52.1	78.1
101	9.8	7.4	11.2
130	23.1	17.0	25.4



#20
3+4-Methylphenols
Concen: 45.16 ng
RT: 7.05 min Scan# 478
Delta R.T. -0.02 min
Lab File: BF090003.D
Acq: 7 Sep 2016 14:23

Tgt Ion:	107	Resp:	546357
Ion	Ratio	Lower	Upper
107	100		
108	93.0	70.2	110.2
77	45.9	75.7	115.7#
79	28.1	7.0	47.0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.91 min Scan# 553

Delta R.T. -0.02 min

Lab File: BF090003.D

Acq: 7 Sep 2016 14:23

Instrument :

BNA_F

ClientSampleId :

TEMP-AB(0-2)-8MS

Tot Ion:136 Resp: 747225

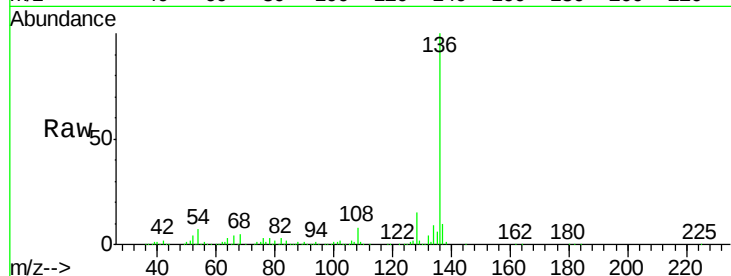
Ion Ratio Lower Upper

136 100

137 10.3 8.3 12.5

54 7.0 4.8 7.2

68 4.8 3.7 5.5

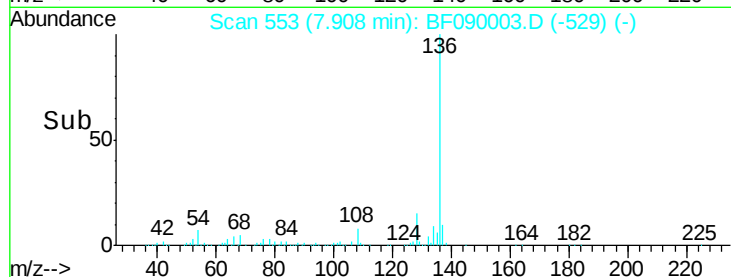


Abundance Ion 136.00 (135.70 to 136.70): E

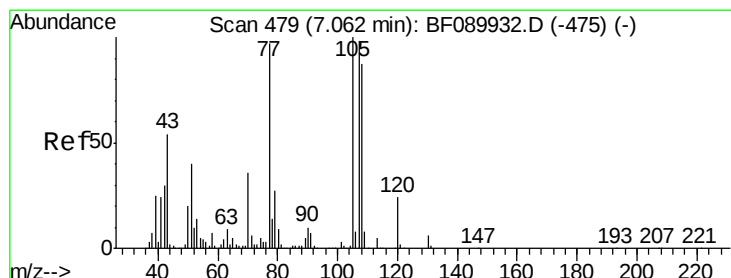
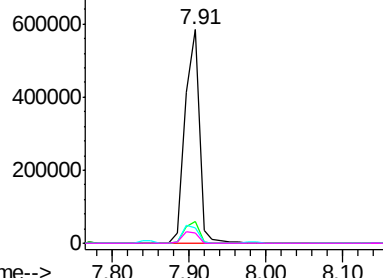
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->



#22

Acetophenone

Concen: 38.84 ng

RT: 7.04 min Scan# 477

Delta R.T. -0.02 min

Lab File: BF090003.D

Acq: 7 Sep 2016 14:23

Tgt Ion:105 Resp: 651144

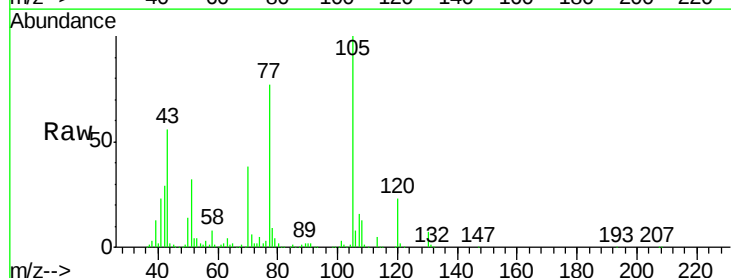
Ion Ratio Lower Upper

105 100

71 5.9 5.3 7.9

51 32.2 32.6 48.8#

120 23.1 18.6 28.0

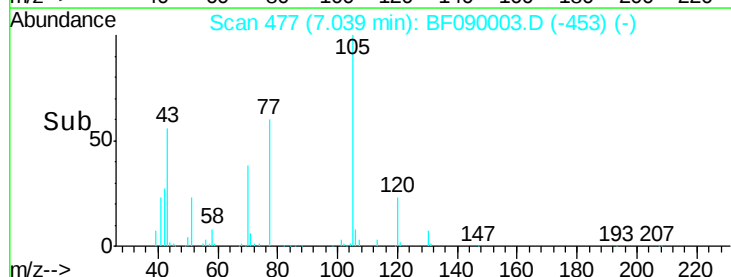


Abundance Ion 105.00 (104.70 to 105.70): E

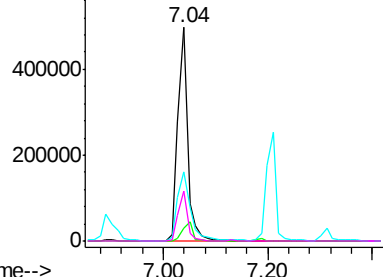
Ion 71.00 (70.70 to 71.70): BF0

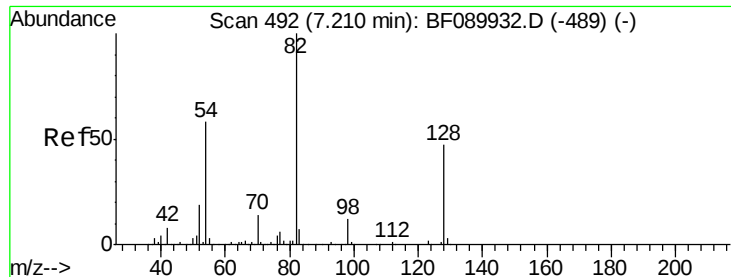
Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



Time-->



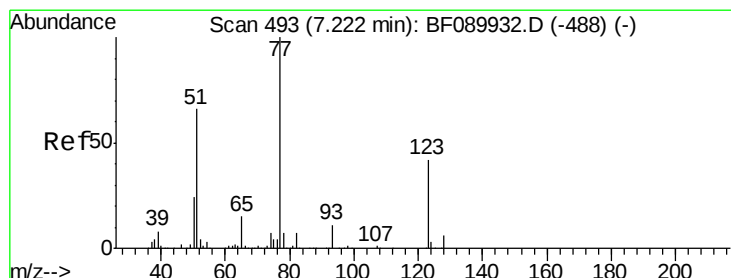
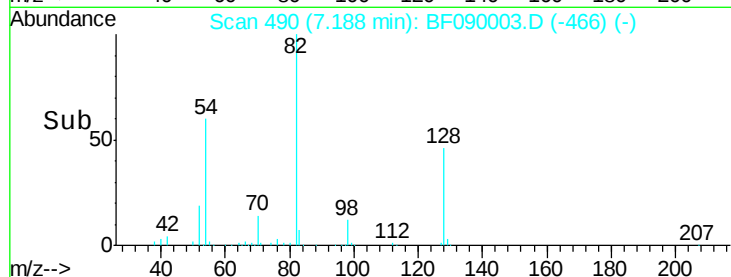
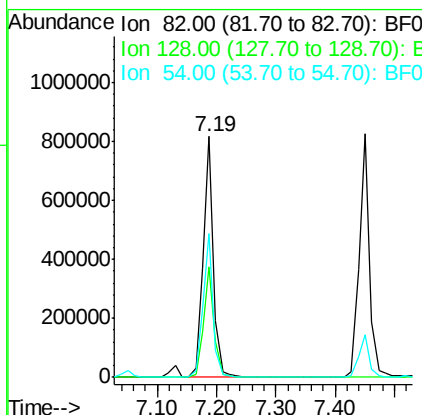
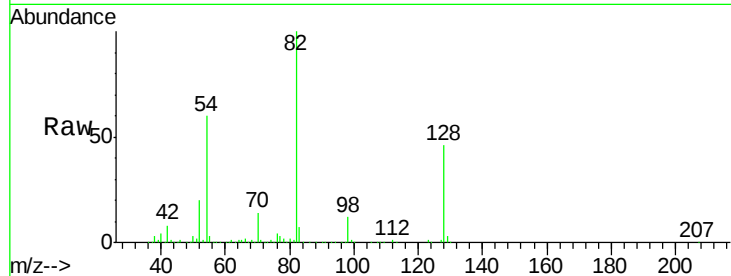


#23
 Nitrobenzene-d5
 Concen: 77.78 ng
 RT: 7.19 min Scan# 490
 Delta R.T. -0.02 min
 Lab File: BF090003.D
 Acq: 7 Sep 2016 14:23

Instrument :
 BNA_F
 ClientSampleId :
 TEMP-AB(0-2)-8MS

Tot Ion: 82 Resp: 1002186

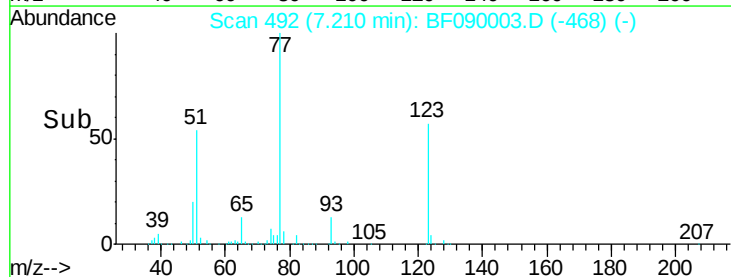
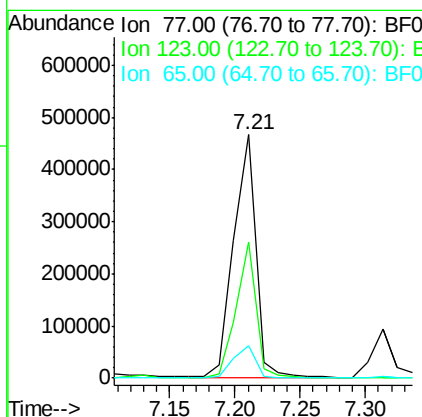
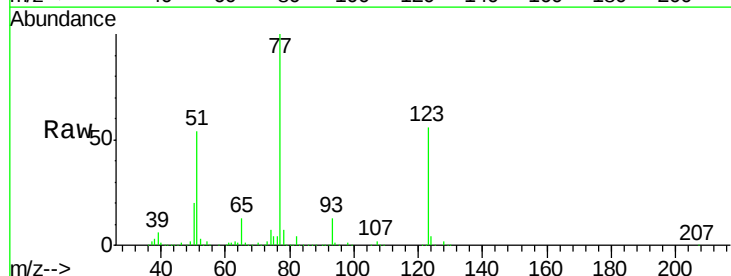
Ion	Ratio	Lower	Upper
82	100		
128	45.8	37.8	56.8
54	59.9	46.9	70.3

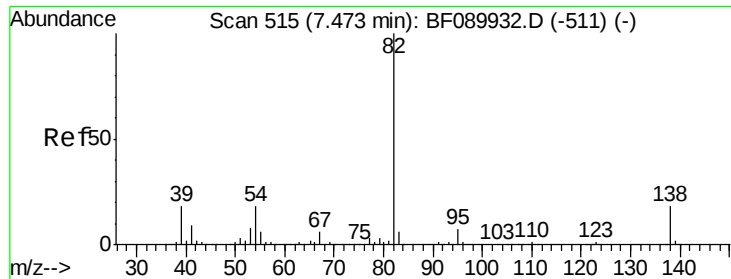


#24
 Nitrobenzene
 Concen: 39.88 ng
 RT: 7.21 min Scan# 492
 Delta R.T. -0.02 min
 Lab File: BF090003.D
 Acq: 7 Sep 2016 14:23

Tgt Ion: 77 Resp: 546242

Ion	Ratio	Lower	Upper
77	100		
123	55.8	32.0	48.0#
65	13.4	11.2	16.8





#25

Isophorone

Concen: 38.42 ng

RT: 7.45 min Scan# 513

Delta R.T. -0.02 min

Lab File: BF090003.D

Acq: 7 Sep 2016 14:23

Instrument :

BNA_F

ClientSampleId :

TEMP-AB(0-2)-8MS

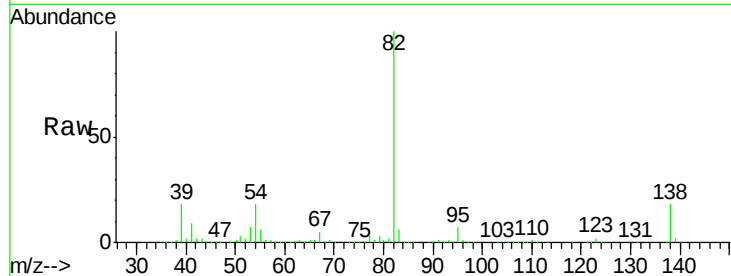
Tot Ion: 82 Resp: 1006705

Ion Ratio Lower Upper

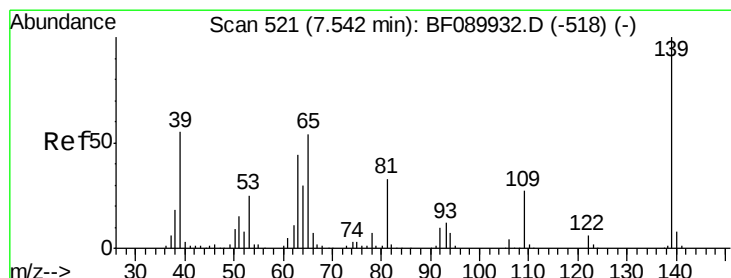
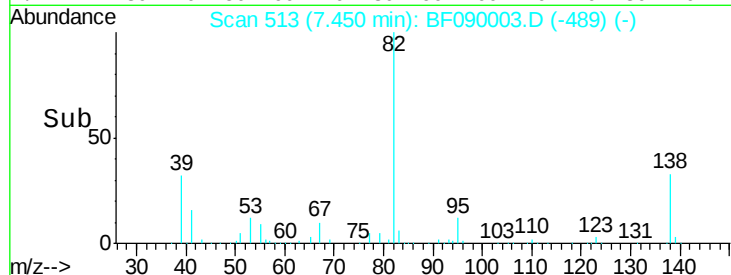
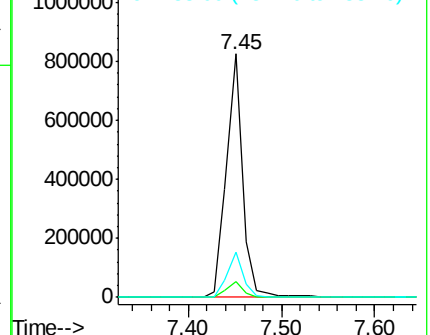
82 100

95 6.7 5.5 8.3

138 18.5 14.4 21.6



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



#26

2-Nitrophenol

Concen: 43.37 ng

RT: 7.52 min Scan# 519

Delta R.T. -0.02 min

Lab File: BF090003.D

Acq: 7 Sep 2016 14:23

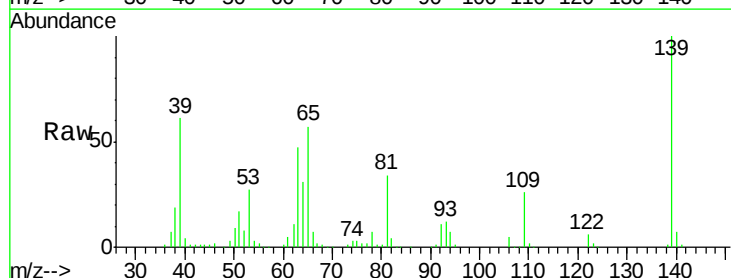
Tgt Ion: 139 Resp: 284001

Ion Ratio Lower Upper

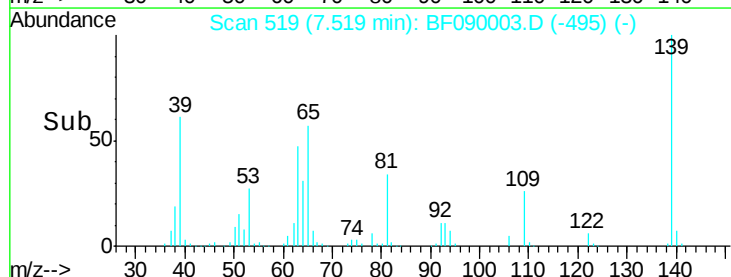
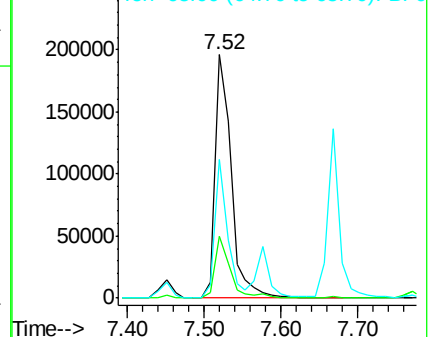
139 100

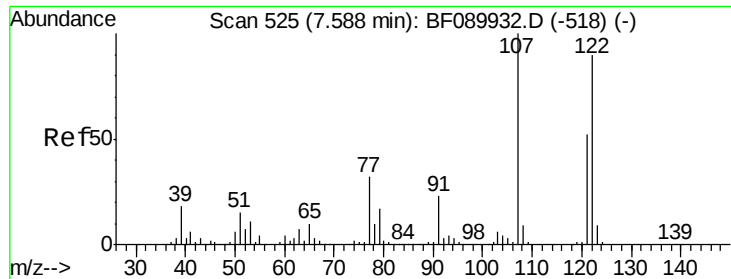
109 25.6 21.0 31.4

65 57.2 43.4 65.0



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





#27

2,4-Dimethylphenol

Concen: 38.52 ng

RT: 7.58 min Scan# 524

Delta R.T. -0.02 min

Lab File: BF090003.D

Acq: 7 Sep 2016 14:23

Instrument :

BNA_F

ClientSampleId :

TEMP-AB(0-2)-8MS

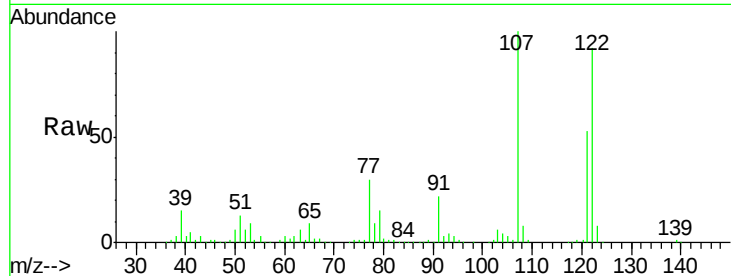
Tot Ion:122 Resp: 466560

Ion Ratio Lower Upper

122 100

107 108.3 88.5 132.7

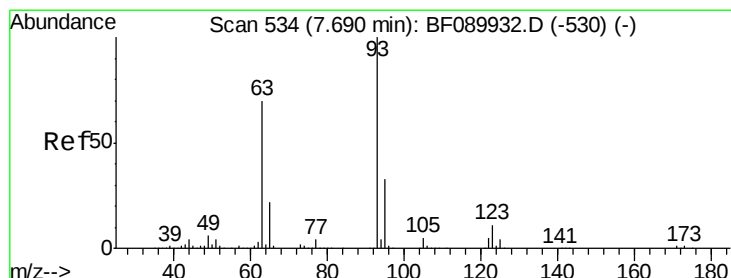
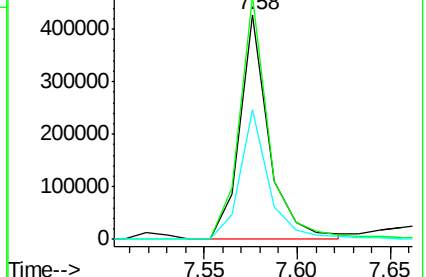
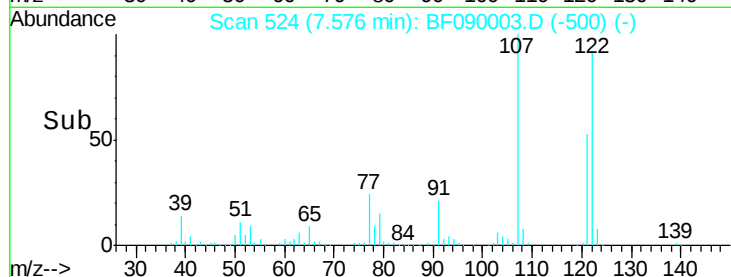
121 57.7 46.0 69.0



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 39.92 ng

RT: 7.67 min Scan# 532

Delta R.T. -0.02 min

Lab File: BF090003.D

Acq: 7 Sep 2016 14:23

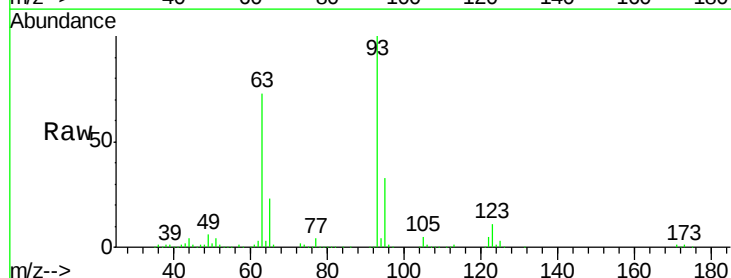
Tgt Ion: 93 Resp: 630778

Ion Ratio Lower Upper

93 100

95 32.6 26.6 40.0

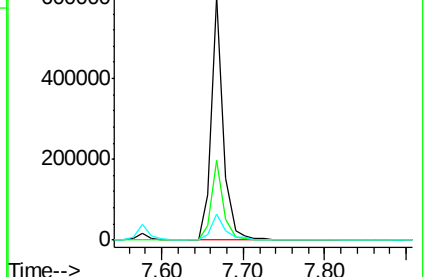
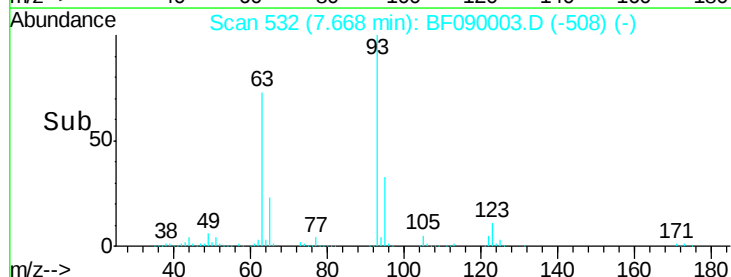
123 10.7 9.1 13.7

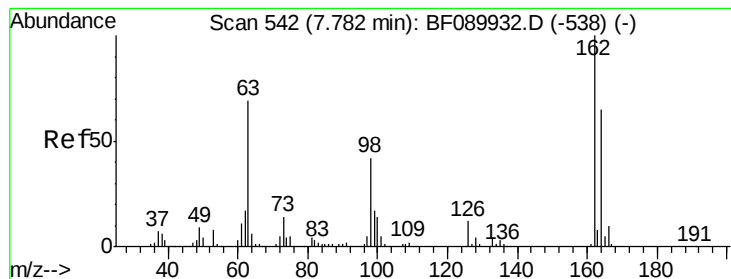


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 44.19 ng

RT: 7.77 min Scan# 541

Delta R.T. -0.02 min

Lab File: BF090003.D

Acq: 7 Sep 2016 14:23

Instrument :

BNA_F

ClientSampleId :

TEMP-AB(0-2)-8MS

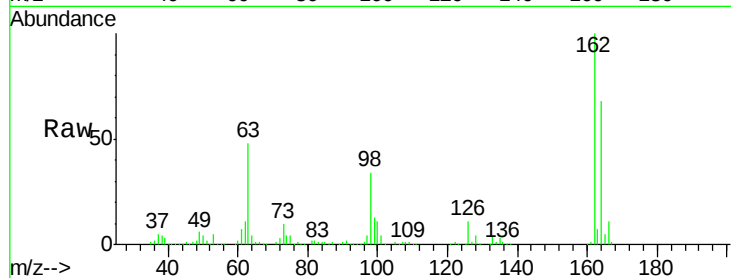
Tot Ion:162 Resp: 479822

Ion Ratio Lower Upper

162 100

164 68.4 46.6 86.6

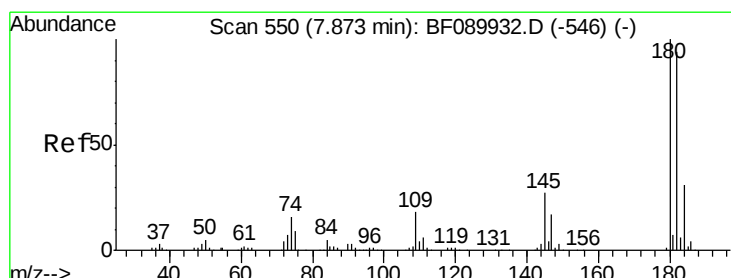
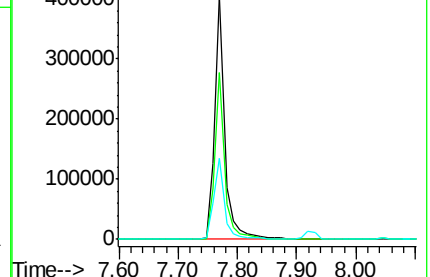
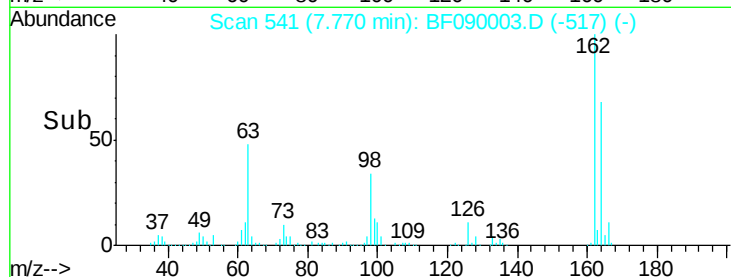
98 33.5 22.0 62.0



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: 41.84 ng

RT: 7.85 min Scan# 548

Delta R.T. -0.02 min

Lab File: BF090003.D

Acq: 7 Sep 2016 14:23

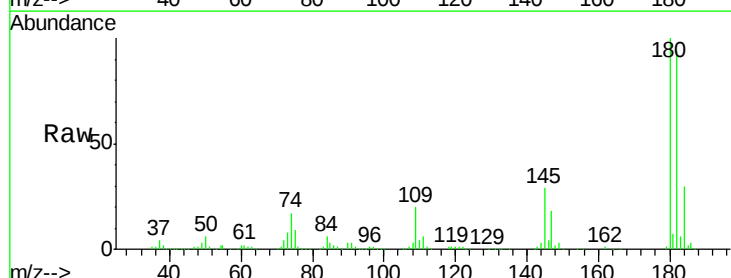
Tgt Ion:180 Resp: 496639

Ion Ratio Lower Upper

180 100

182 93.7 76.2 114.2

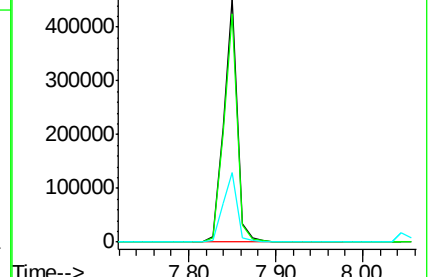
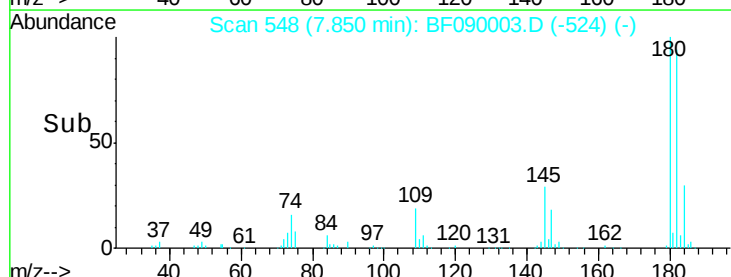
145 28.6 22.2 33.4

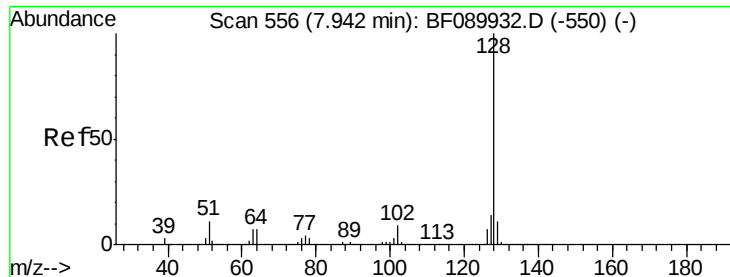


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

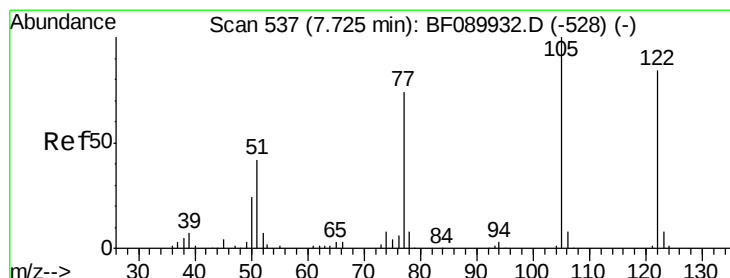
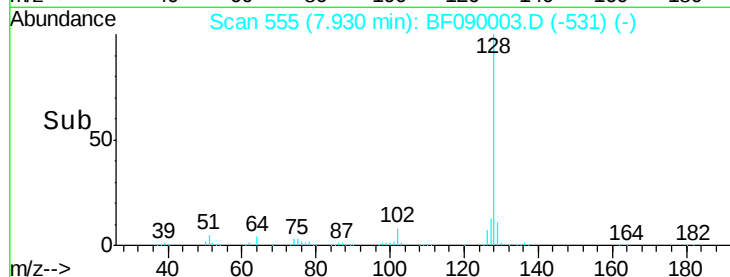
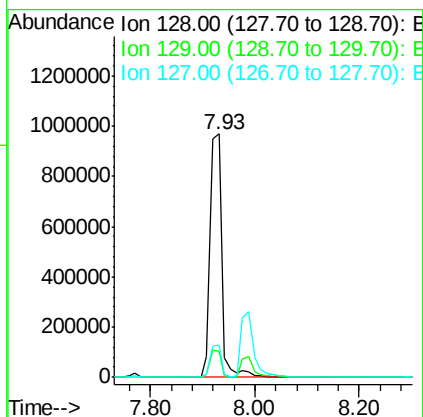
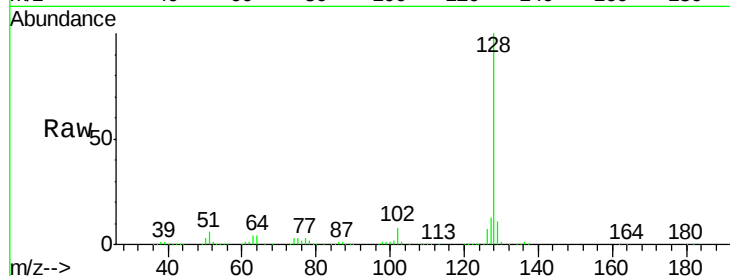




#31
Naphthalene
Concen: 40.69 ng
RT: 7.93 min Scan# 555
Delta R.T. -0.02 min
Lab File: BF090003.D
Acq: 7 Sep 2016 14:23

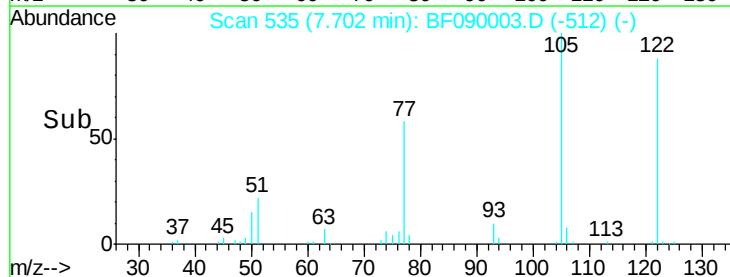
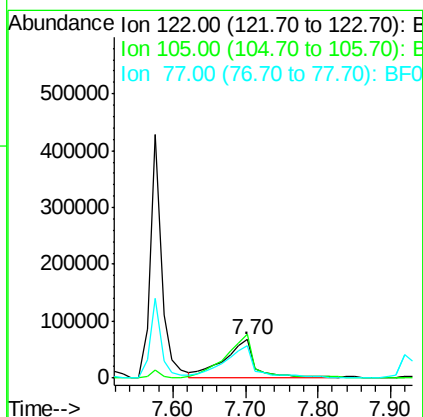
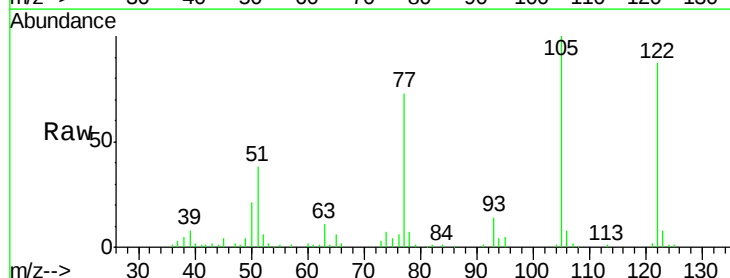
Instrument :
BNA_F
ClientSampleId :
TEMP-AB(0-2)-8MS

Tot Ion:128 Resp: 1514794
Ion Ratio Lower Upper
128 100
129 10.7 9.4 14.0
127 13.2 10.7 16.1



#32
Benzoic acid
Concen: 23.90 ng
RT: 7.70 min Scan# 535
Delta R.T. -0.03 min
Lab File: BF090003.D
Acq: 7 Sep 2016 14:23

Tgt Ion:122 Resp: 195013
Ion Ratio Lower Upper
122 100
105 115.1 102.2 142.2
77 83.9 74.1 114.1

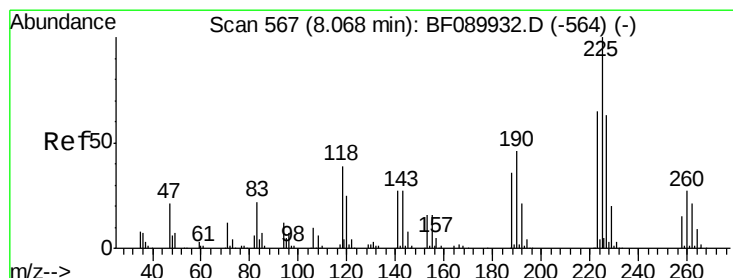
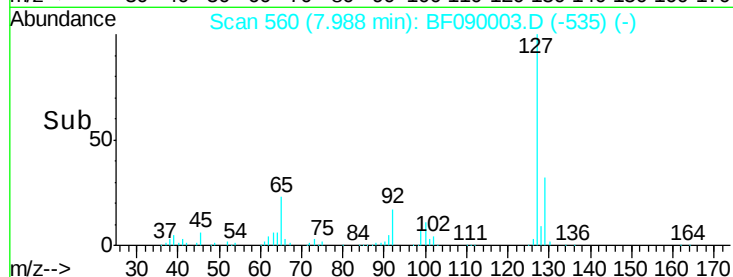
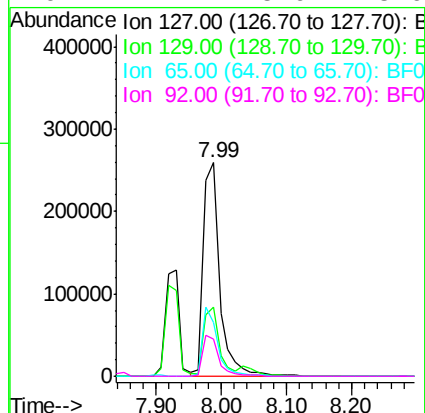
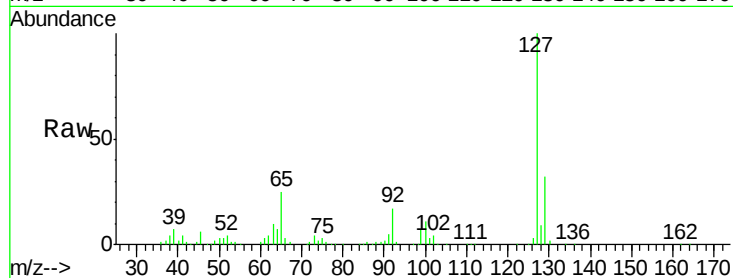




#33
4-Chloroaniline
Concen: 30.19 ng
RT: 7.99 min Scan# 560
Delta R.T. -0.01 min
Lab File: BF090003.D
Acq: 7 Sep 2016 14:23

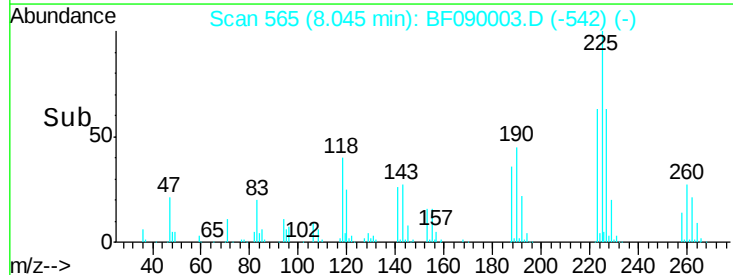
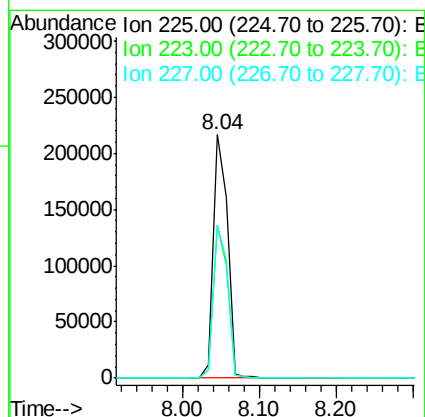
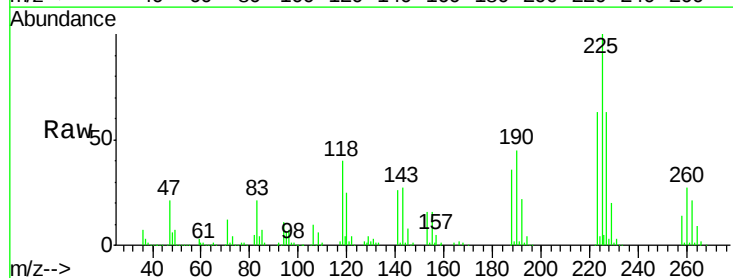
Instrument :
BNA_F
ClientSampleId :
TEMP-AB(0-2)-8MS

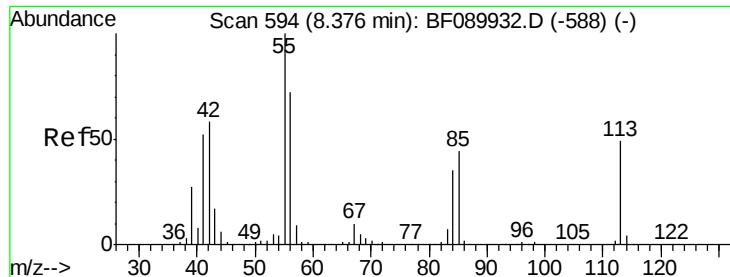
Tot Ion:	127	Resp:	453364
Ion	Ratio	Lower	Upper
127	100		
129	32.5	25.9	38.9
65	25.0	26.0	39.0
92	17.2	15.9	23.9



#34
Hexachlorobutadiene
Concen: 39.37 ng
RT: 8.04 min Scan# 565
Delta R.T. -0.03 min
Lab File: BF090003.D
Acq: 7 Sep 2016 14:23

Tgt Ion:	225	Resp:	273860
Ion	Ratio	Lower	Upper
225	100		
223	62.8	52.6	78.8
227	62.6	50.8	76.2

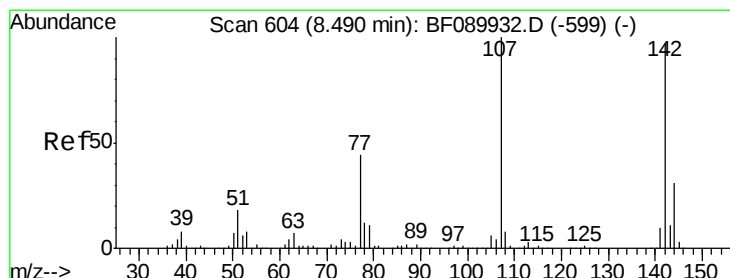
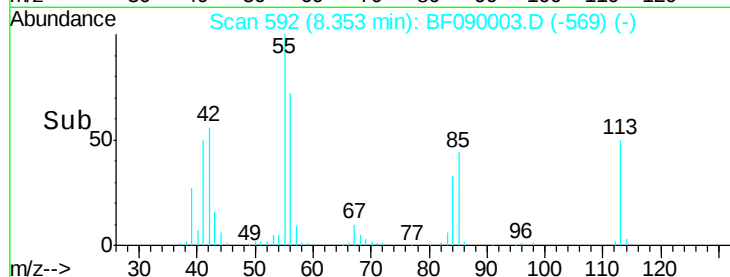
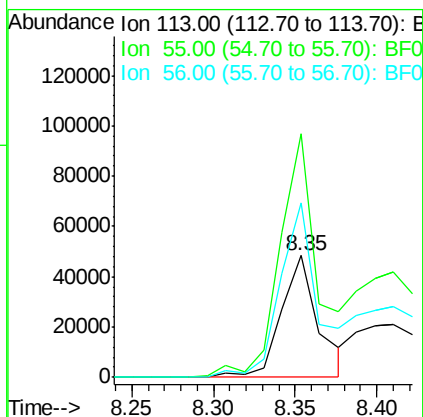
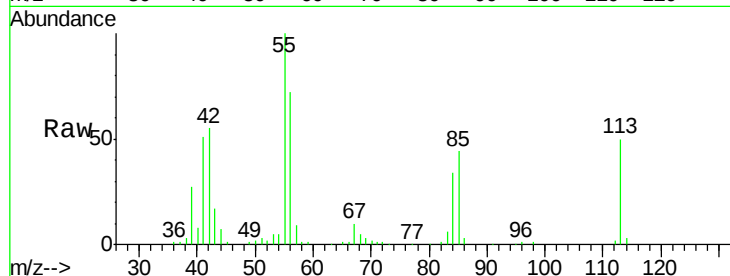




#35
Caprolactam
Concen: 22.41 ng
RT: 8.35 min Scan# 592
Delta R.T. -0.03 min
Lab File: BF090003.D
Acq: 7 Sep 2016 14:23

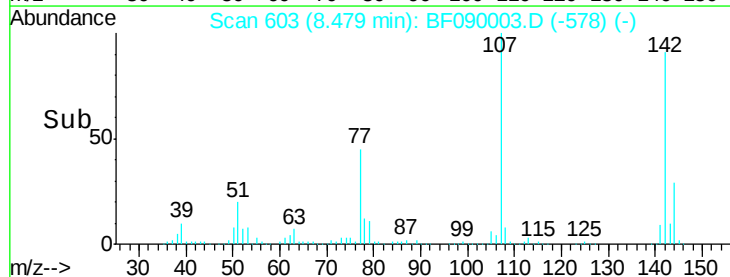
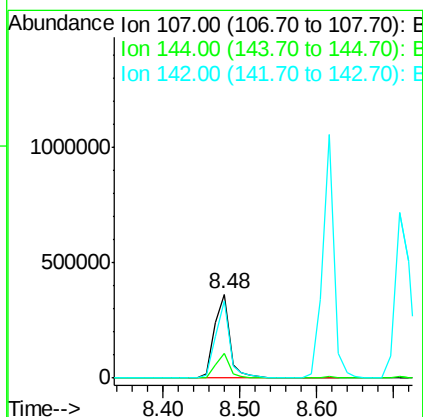
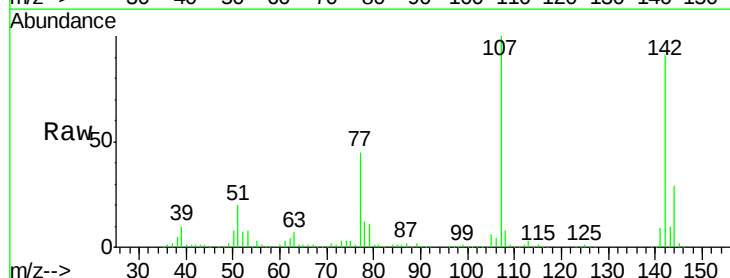
Instrument :
BNA_F
ClientSampleId :
TEMP-AB(0-2)-8MS

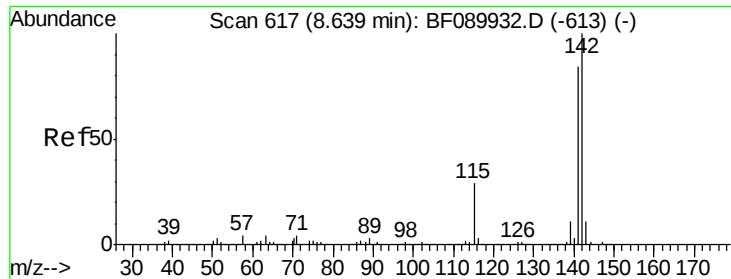
Tot Ion:113 Resp: 76807
Ion Ratio Lower Upper
113 100
55 200.0 178.5 218.5
56 143.2 122.7 162.7



#36
4-Chloro-3-methylphenol
Concen: 43.32 ng
RT: 8.48 min Scan# 603
Delta R.T. -0.01 min
Lab File: BF090003.D
Acq: 7 Sep 2016 14:23

Tgt Ion:107 Resp: 498109
Ion Ratio Lower Upper
107 100
144 29.1 25.8 38.8
142 91.3 79.2 118.8

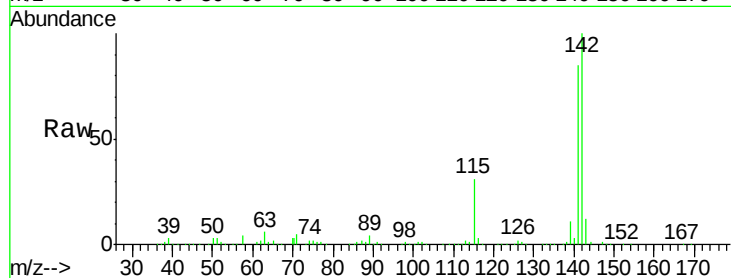




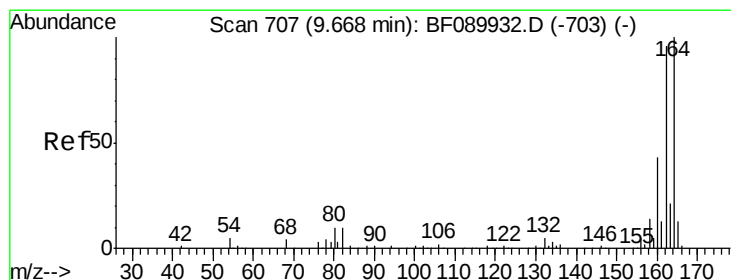
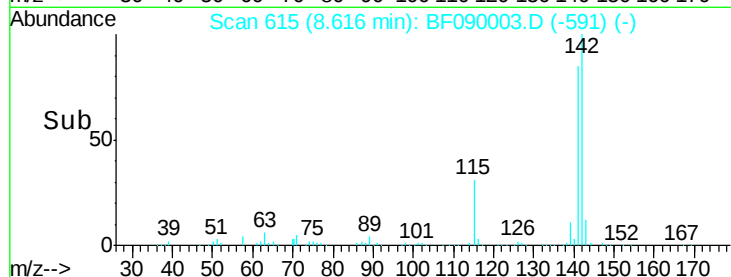
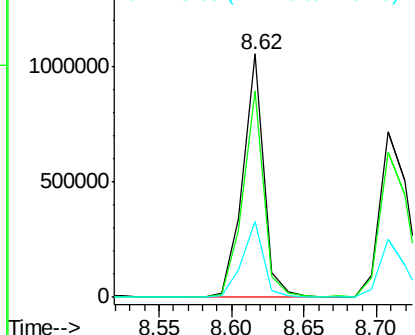
#37
2-Methylnaphthalene
Concen: 43.54 ng
RT: 8.62 min Scan# 615
Delta R.T. -0.02 min
Lab File: BF090003.D
Acq: 7 Sep 2016 14:23

Instrument :
BNA_F
ClientSampleId :
TEMP-AB(0-2)-8MS

Tot Ion:142 Resp: 1071106
Ion Ratio Lower Upper
142 100
141 84.7 68.3 102.5
115 31.4 23.8 35.8

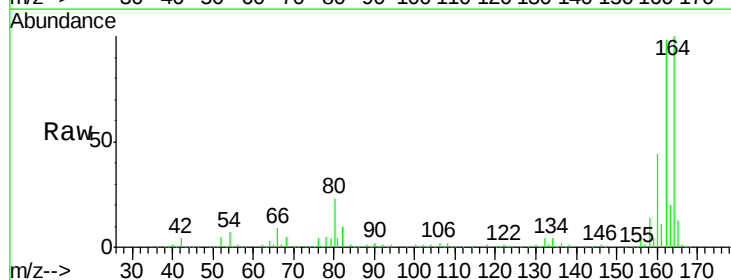


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

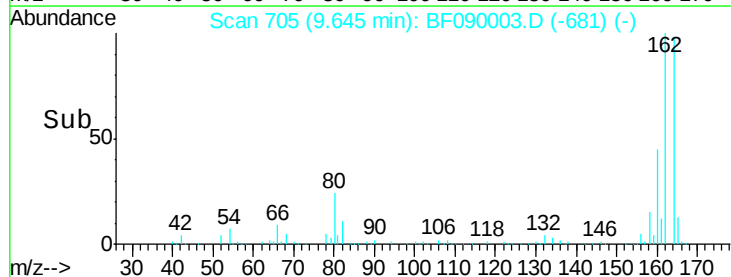
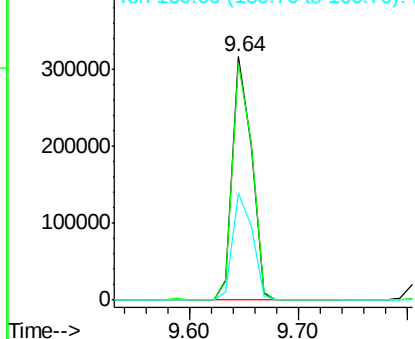


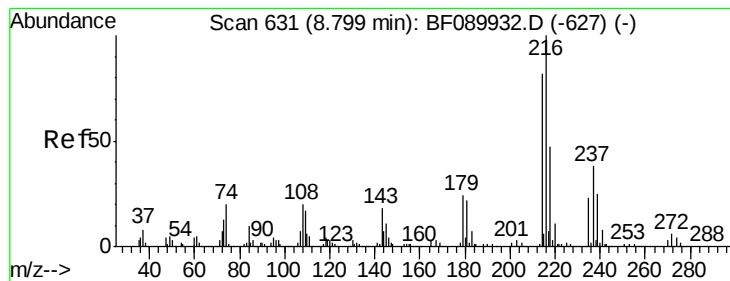
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.64 min Scan# 705
Delta R.T. -0.02 min
Lab File: BF090003.D
Acq: 7 Sep 2016 14:23

Tgt Ion:164 Resp: 381773
Ion Ratio Lower Upper
164 100
162 97.6 77.1 115.7
160 43.8 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: 35.63 ng

RT: 8.79 min Scan# 630

Delta R.T. -0.01 min

Lab File: BF090003.D

Acq: 7 Sep 2016 14:23

Instrument :

BNA_F

ClientSampleId :

TEMP-AB(0-2)-8MS

Tot Ion:216 Resp: 398487

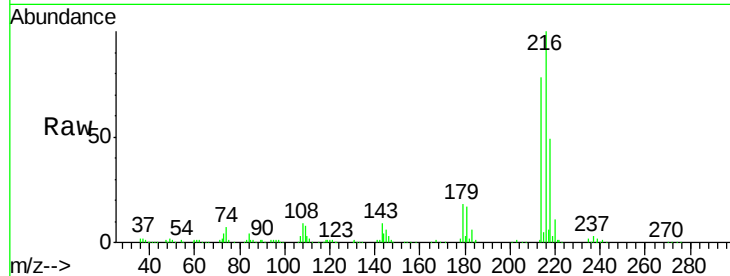
Ion Ratio Lower Upper

216 100

214 79.5 63.4 95.2

179 20.5 17.3 25.9

108 18.5 15.5 23.3

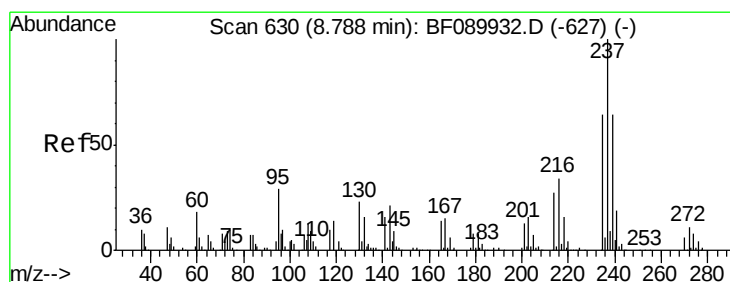
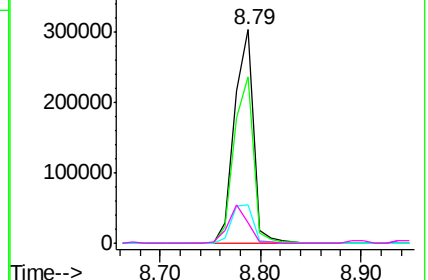
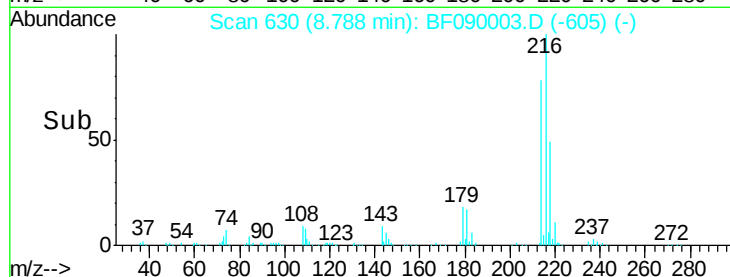


Abundance Ion 216.00 (215.70 to 216.70): E

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: 85.37 ng

RT: 8.78 min Scan# 629

Delta R.T. -0.02 min

Lab File: BF090003.D

Acq: 7 Sep 2016 14:23

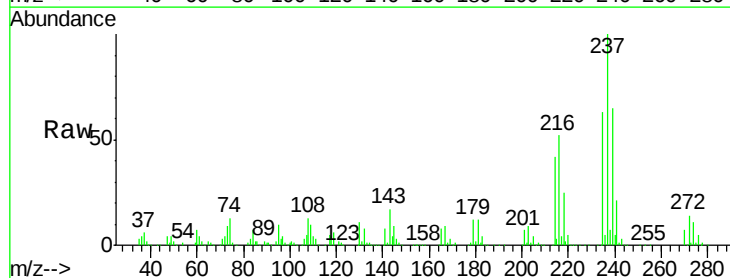
Tgt Ion:237 Resp: 489529

Ion Ratio Lower Upper

237 100

235 62.8 39.6 79.6

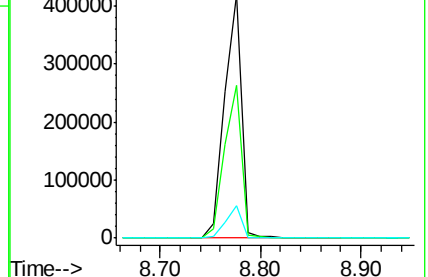
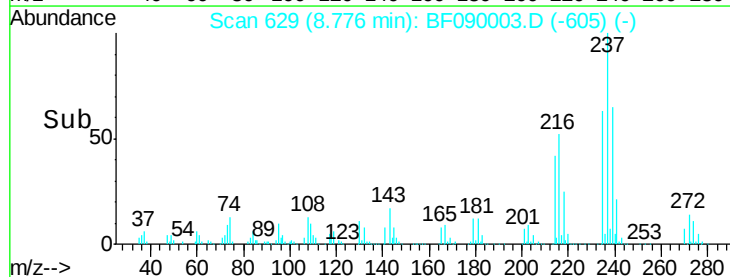
272 13.5 0.0 34.6



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

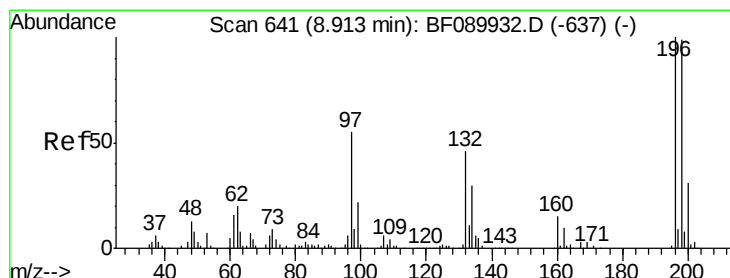
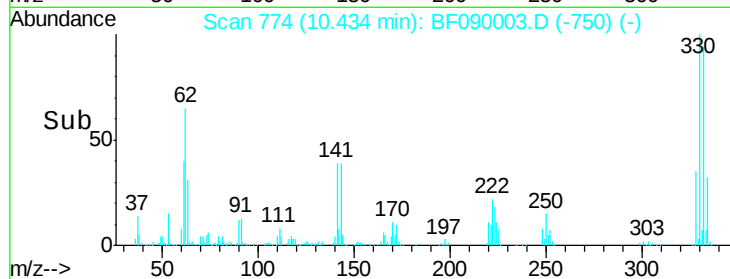
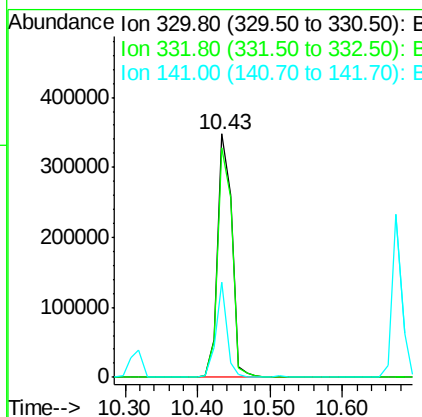
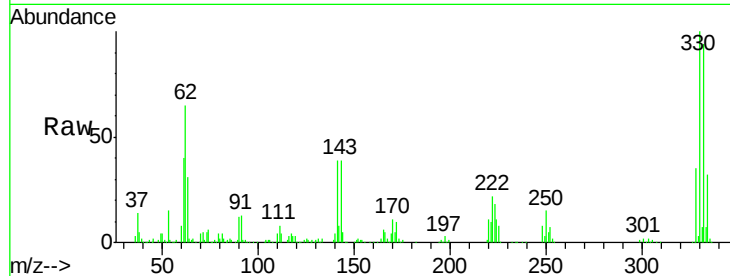




#41
 2,4,6-Tribromophenol
 Concen: 126.22 ng
 RT: 10.43 min Scan# 774
 Delta R.T. -0.02 min
 Lab File: BF090003.D
 Acq: 7 Sep 2016 14:23

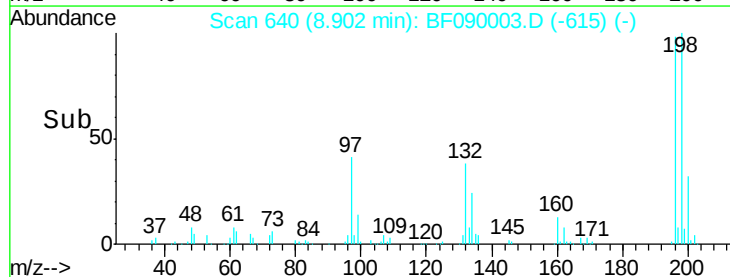
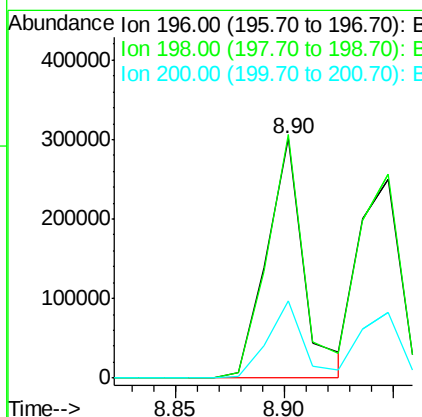
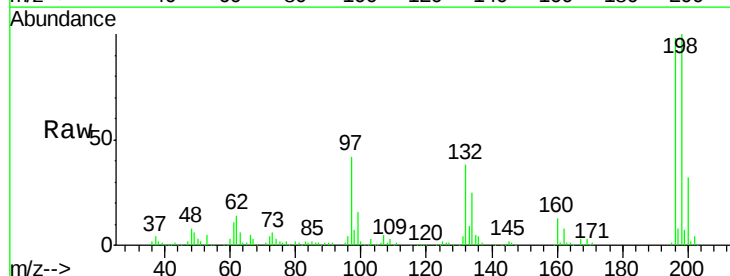
Instrument :
 BNA_F
 ClientSampleId :
 TEMP-AB(0-2)-8MS

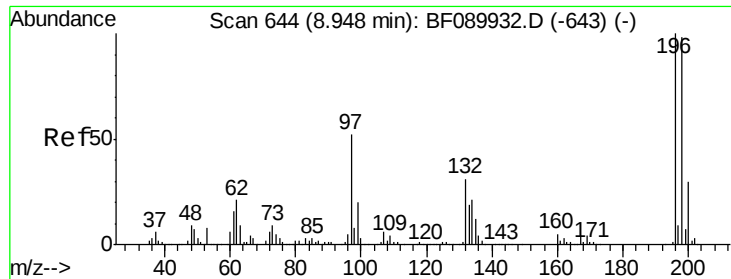
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.1	78.6	117.8
141	30.1	23.3	34.9



#42
 2,4,6-Trichlorophenol
 Concen: 46.35 ng
 RT: 8.90 min Scan# 640
 Delta R.T. -0.01 min
 Lab File: BF090003.D
 Acq: 7 Sep 2016 14:23

Tgt Ion	Ratio	Lower	Upper
196	100		
198	101.8	78.3	117.5
200	32.3	24.8	37.2

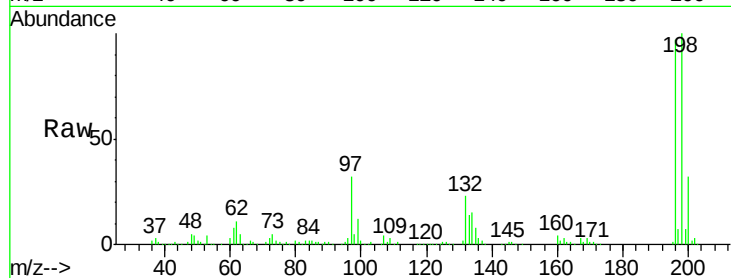




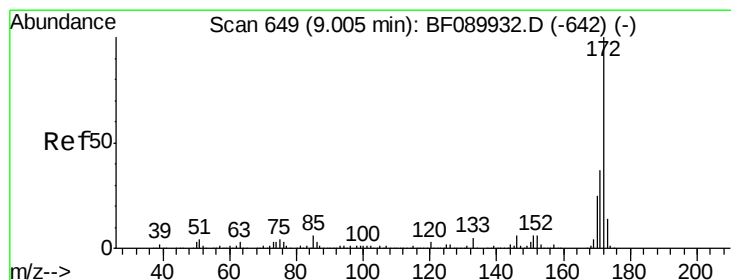
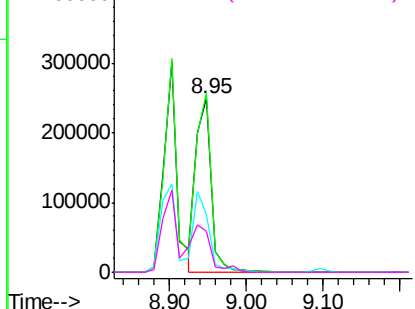
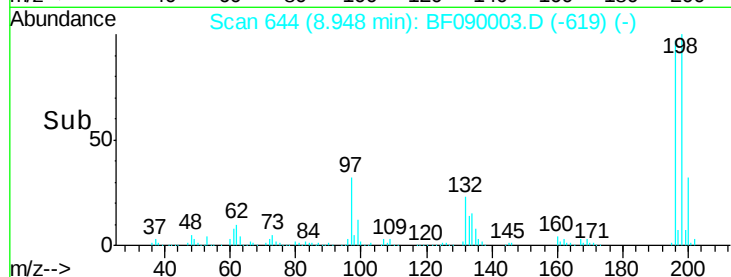
#43
 2,4,5-Trichlorophenol
 Concen: 46.46 ng
 RT: 8.95 min Scan# 644
 Delta R.T. -0.01 min
 Lab File: BF090003.D
 Acq: 7 Sep 2016 14:23

Instrument :
 BNA_F
 ClientSampleId :
 TEMP-AB(0-2)-8MS

Tot Ion	Ratio	Lower	Upper
196	100		
198	102.7	80.8	121.2
97	33.1	44.2	66.4#
132	23.5	25.8	38.6#

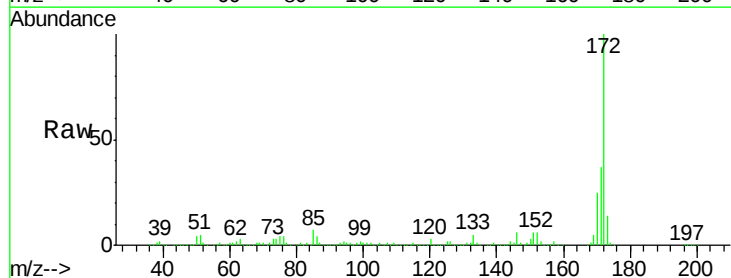


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

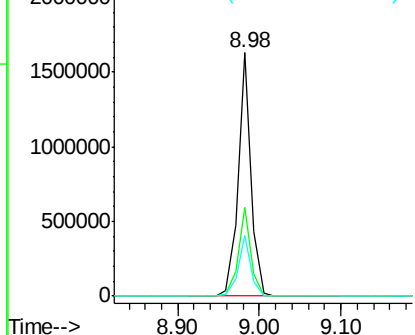
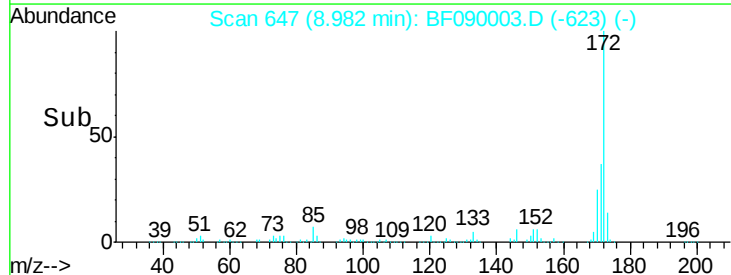


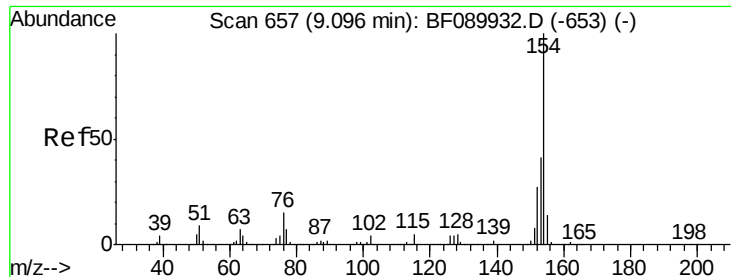
#44
 2-Fluorobiphenyl
 Concen: 77.37 ng
 RT: 8.98 min Scan# 647
 Delta R.T. -0.02 min
 Lab File: BF090003.D
 Acq: 7 Sep 2016 14:23

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.5	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: 36.94 ng

RT: 9.08 min Scan# 656

Delta R.T. -0.02 min

Lab File: BF090003.D

Acq: 7 Sep 2016 14:23

Instrument :

BNA_F

ClientSampleId :

TEMP-AB(0-2)-8MS

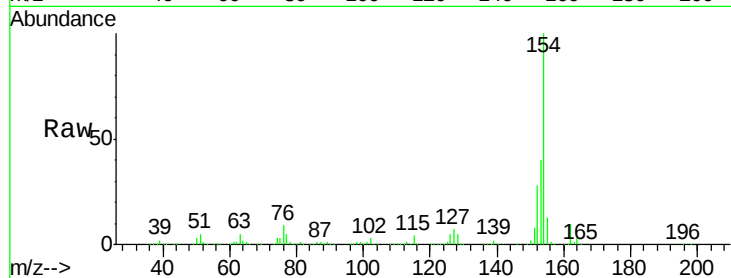
Tot Ion:154 Resp: 1135365

Ion Ratio Lower Upper

154 100

153 40.1 20.6 60.6

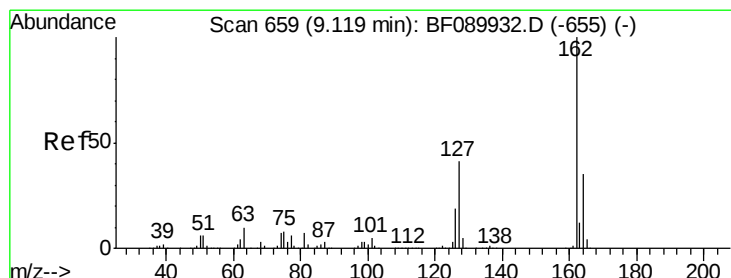
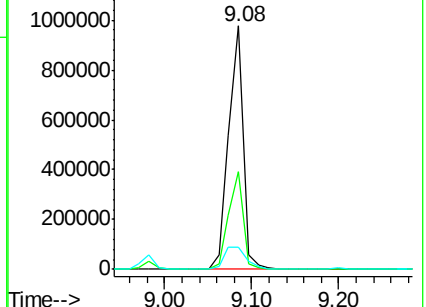
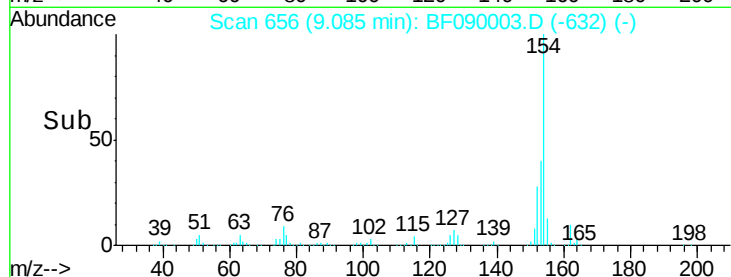
76 9.4 0.0 34.9



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: 41.68 ng

RT: 9.10 min Scan# 657

Delta R.T. -0.02 min

Lab File: BF090003.D

Acq: 7 Sep 2016 14:23

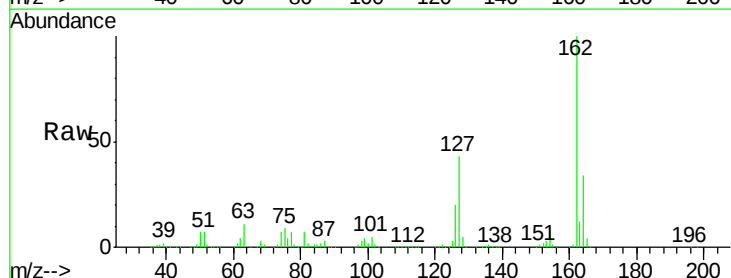
Tgt Ion:162 Resp: 906259

Ion Ratio Lower Upper

162 100

127 43.1 33.5 50.3

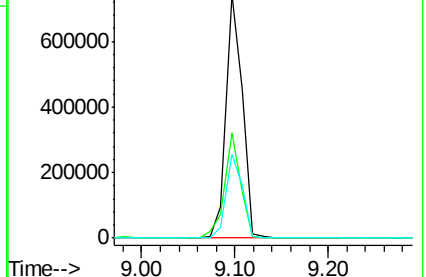
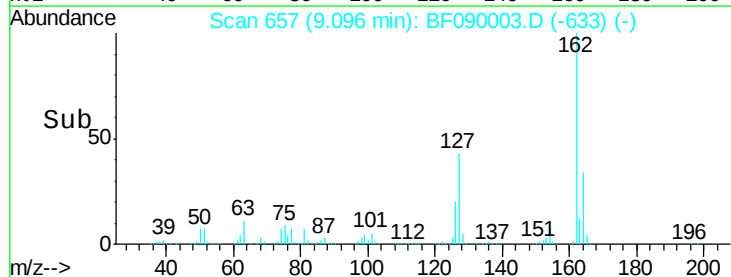
164 34.1 28.2 42.4

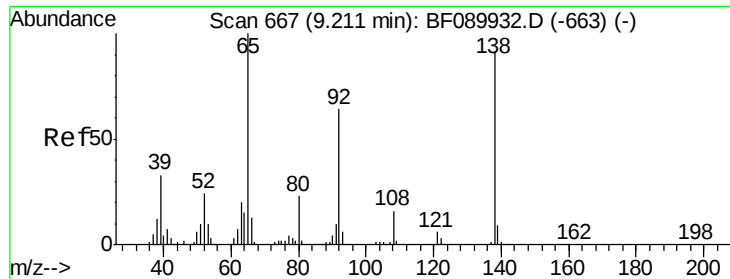


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

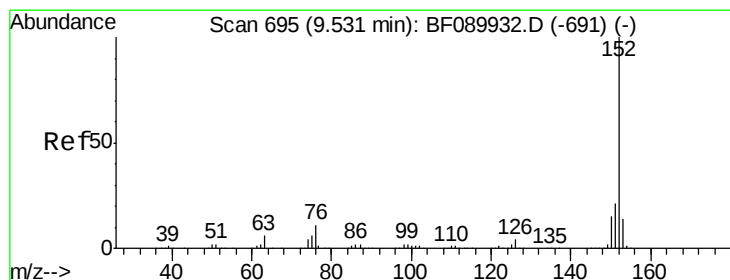
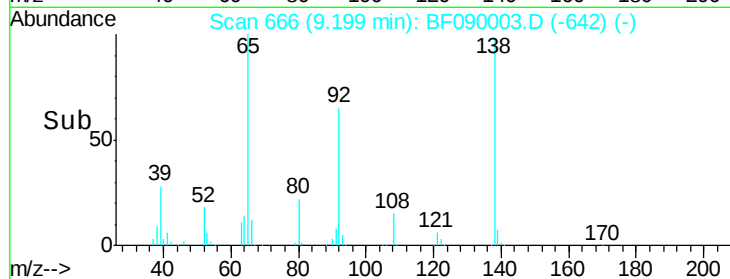
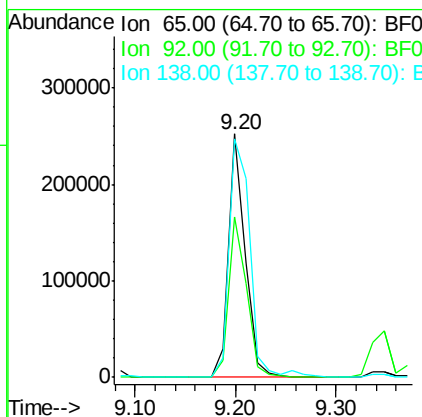
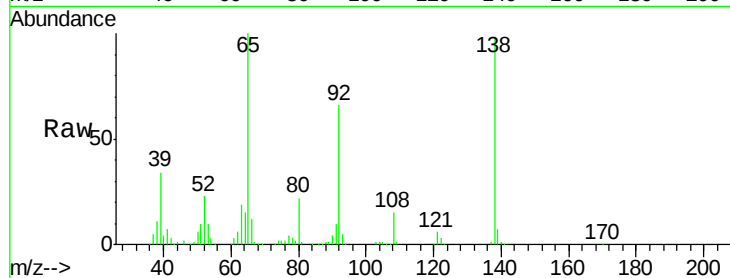




#47
2-Nitroaniline
Concen: 41.16 ng
RT: 9.20 min Scan# 666
Delta R.T. -0.02 min
Lab File: BF090003.D
Acq: 7 Sep 2016 14:23

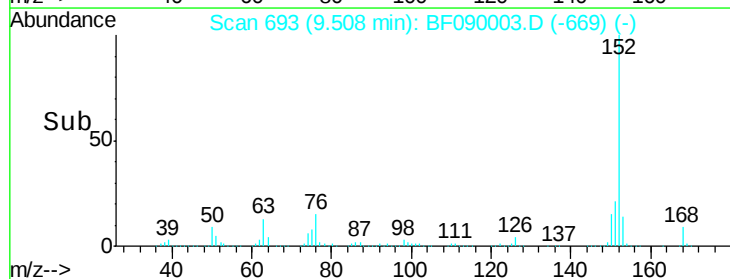
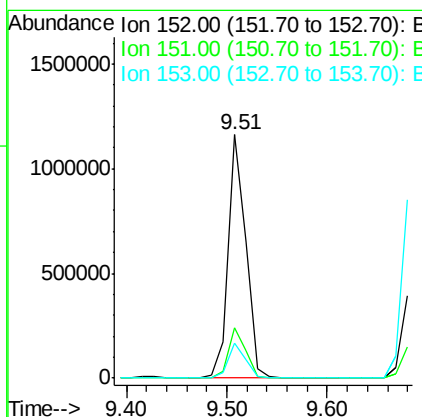
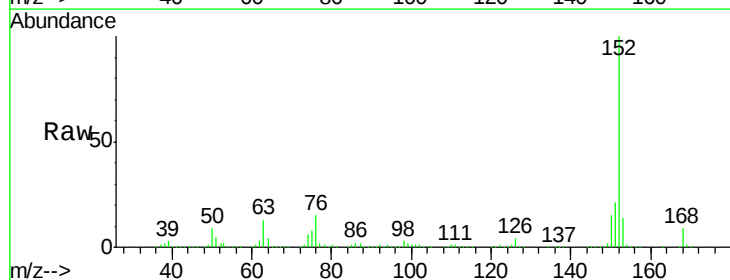
Instrument :
BNA_F
ClientSampleId :
TEMP-AB(0-2)-8MS

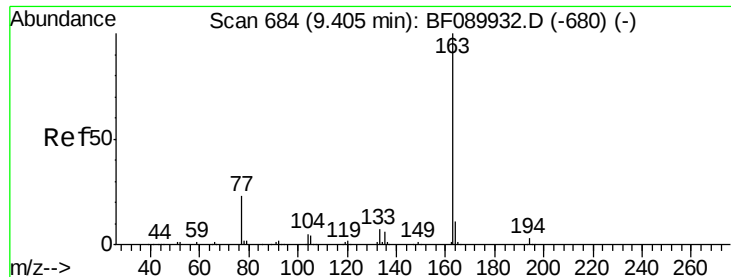
Tot Ion: 65 Resp: 292575
Ion Ratio Lower Upper
65 100
92 65.7 52.0 78.0
138 98.1 72.1 108.1



#48
Acenaphthylene
Concen: 39.20 ng
RT: 9.51 min Scan# 693
Delta R.T. -0.02 min
Lab File: BF090003.D
Acq: 7 Sep 2016 14:23

Tgt Ion: 152 Resp: 1409239
Ion Ratio Lower Upper
152 100
151 20.5 16.7 25.1
153 14.5 11.6 17.4

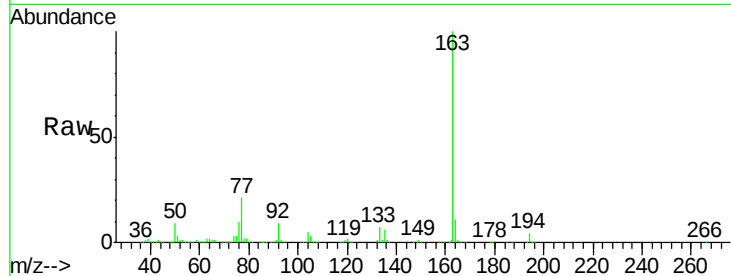




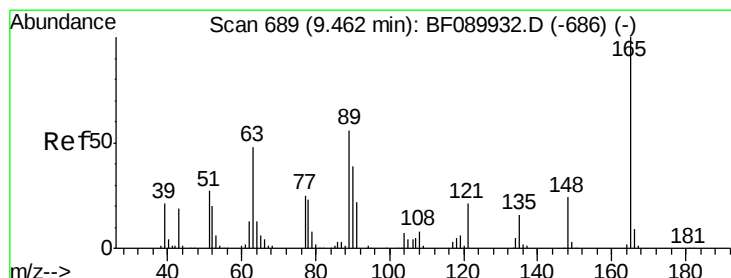
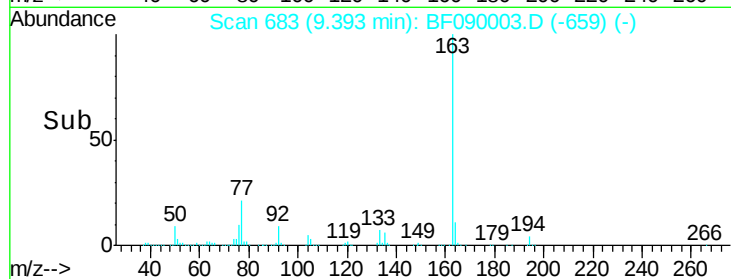
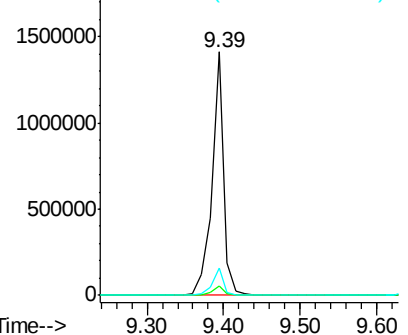
#49
Dimethylphthalate
Concen: 55.09 ng
RT: 9.39 min Scan# 683
Delta R.T. -0.02 min
Lab File: BF090003.D
Acq: 7 Sep 2016 14:23

Instrument :
BNA_F
ClientSampleId :
TEMP-AB(0-2)-8MS

Tot Ion:163 Resp: 1519994
Ion Ratio Lower Upper
163 100
194 3.7 2.7 4.1
164 11.1 9.0 13.4

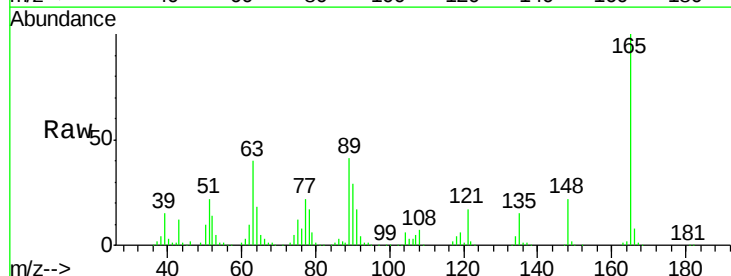


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

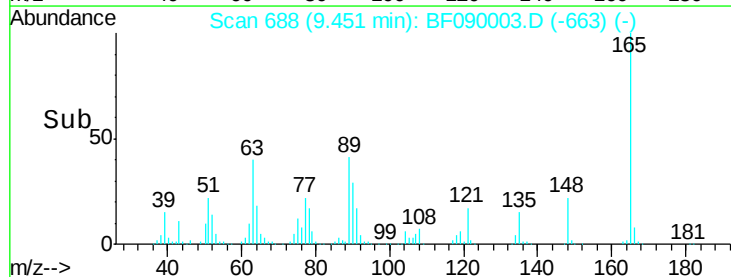
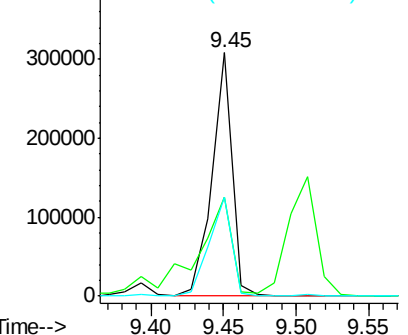


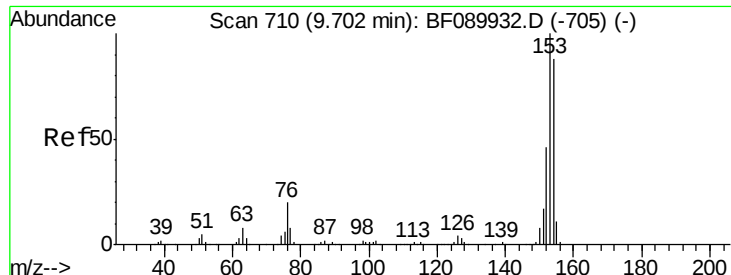
#50
2,6-Dinitrotoluene
Concen: 48.31 ng
RT: 9.45 min Scan# 688
Delta R.T. -0.01 min
Lab File: BF090003.D
Acq: 7 Sep 2016 14:23

Tgt Ion:165 Resp: 296458
Ion Ratio Lower Upper
165 100
63 40.4 45.0 67.4#
89 40.9 41.5 62.3#



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





#51

Acenaphthene

Concen: 44.23 ng

RT: 9.68 min Scan# 708

Delta R.T. -0.02 min

Lab File: BF090003.D

Acq: 7 Sep 2016 14:23

Instrument :

BNA_F

ClientSampleId :

TEMP-AB(0-2)-8MS

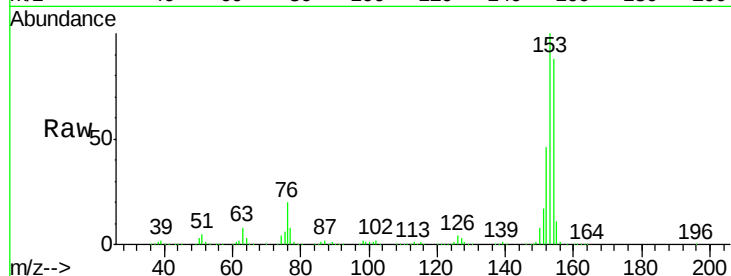
Tot Ion:154 Resp: 1007440

Ion Ratio Lower Upper

154 100

153 113.1 90.6 135.8

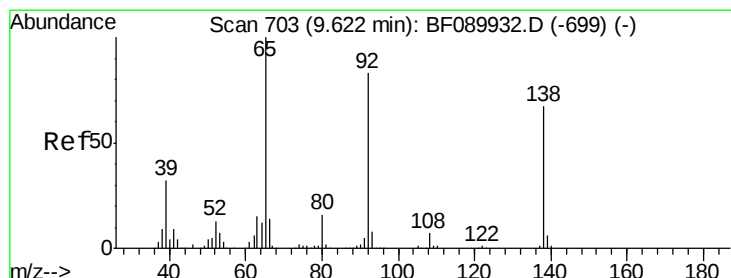
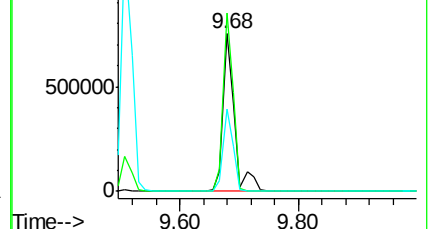
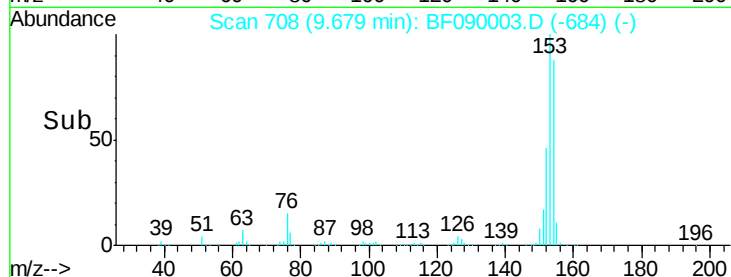
152 51.9 42.4 63.6



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: 32.34 ng

RT: 9.61 min Scan# 702

Delta R.T. -0.02 min

Lab File: BF090003.D

Acq: 7 Sep 2016 14:23

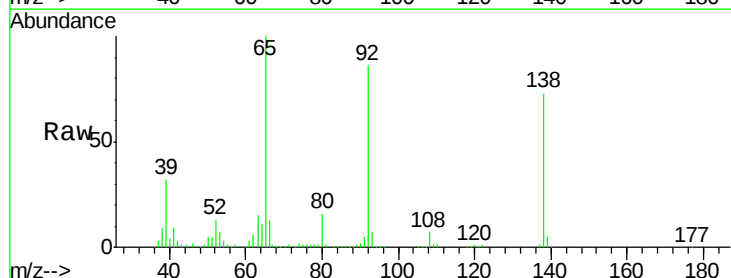
Tgt Ion:138 Resp: 226376

Ion Ratio Lower Upper

138 100

108 10.2 8.3 12.5

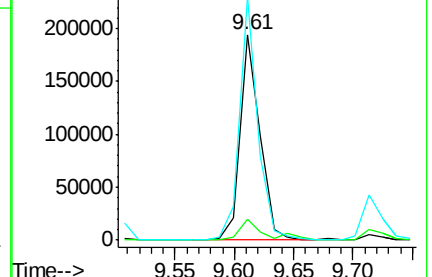
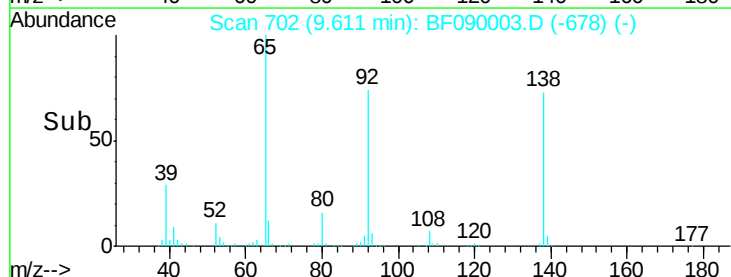
92 118.4 99.1 148.7

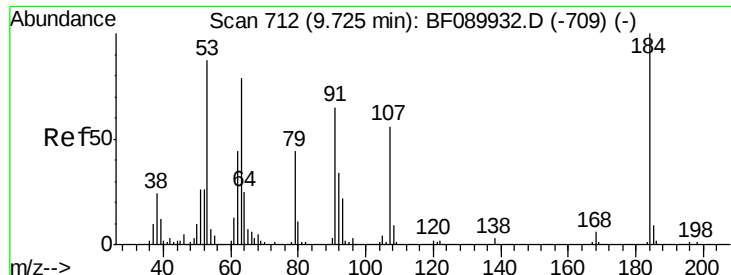


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

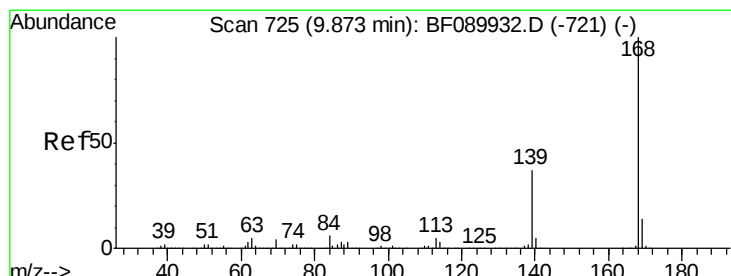
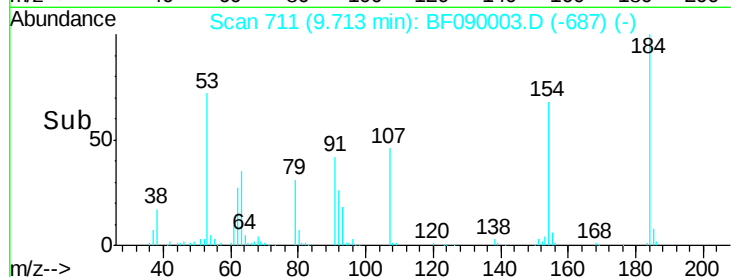
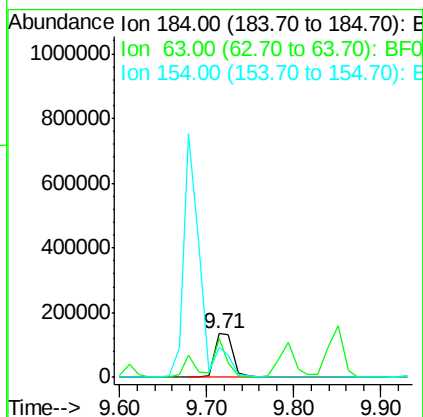
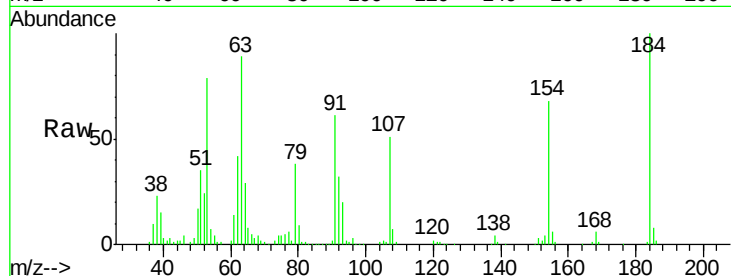




#53
2,4-Dinitrophenol
Concen: 57.17 ng
RT: 9.71 min Scan# 711
Delta R.T. -0.02 min
Lab File: BF090003.D
Acq: 7 Sep 2016 14:23

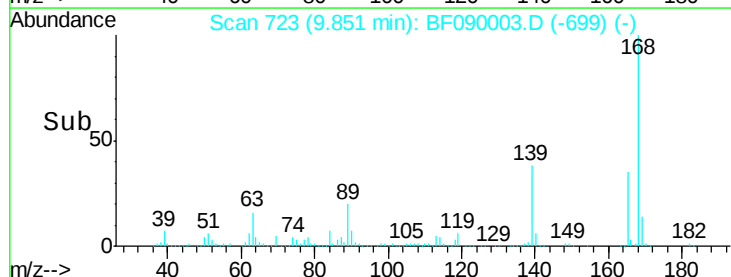
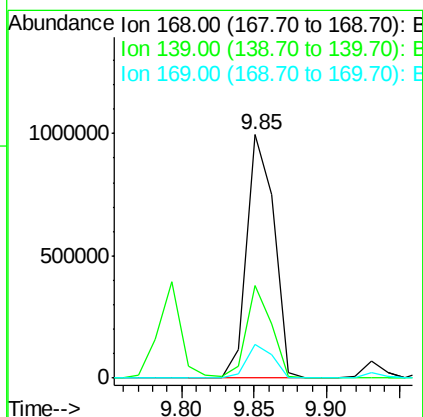
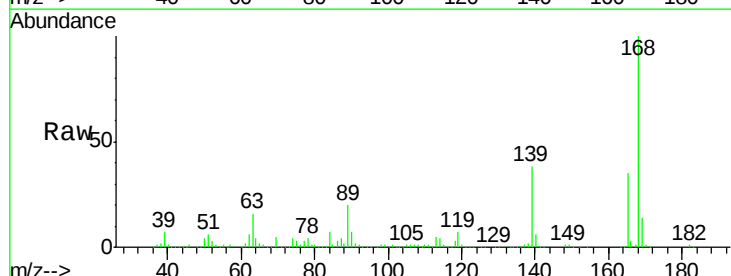
Instrument :
BNA_F
ClientSampleId :
TEMP-AB(0-2)-8MS

Tot Ion:184 Resp: 205385
Ion Ratio Lower Upper
184 100
63 89.5 73.9 110.9
154 68.0 53.5 80.3



#54
Dibenzofuran
Concen: 42.56 ng
RT: 9.85 min Scan# 723
Delta R.T. -0.02 min
Lab File: BF090003.D
Acq: 7 Sep 2016 14:23

Tgt Ion:168 Resp: 1299359
Ion Ratio Lower Upper
168 100
139 38.2 29.5 44.3
169 13.9 10.8 16.2





#55

4-Nitrophenol

Concen: 82.78 ng

RT: 9.79 min Scan# 718

Delta R.T. 0.00 min

Lab File: BF090003.D

Acq: 7 Sep 2016 14:23

Instrument :

BNA_F

ClientSampleId :

TEMP-AB(0-2)-8MS

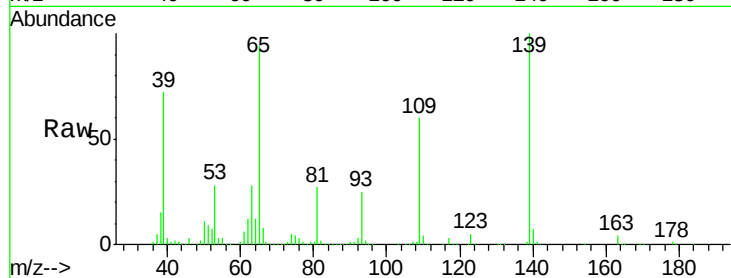
Tot Ion:139 Resp: 437045

Ion Ratio Lower Upper

139 100

109 59.8 31.3 71.3

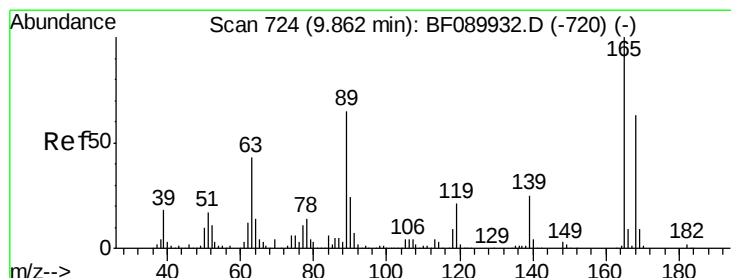
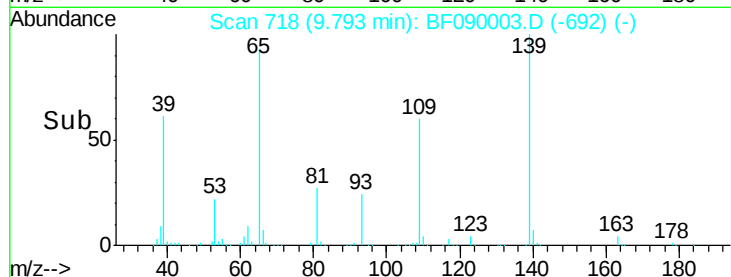
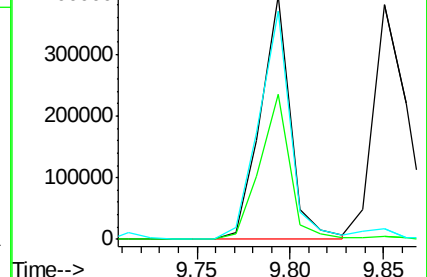
65 93.9 38.5 78.5#



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: 46.52 ng

RT: 9.85 min Scan# 723

Delta R.T. -0.01 min

Lab File: BF090003.D

Acq: 7 Sep 2016 14:23

Tgt Ion:165 Resp: 362043

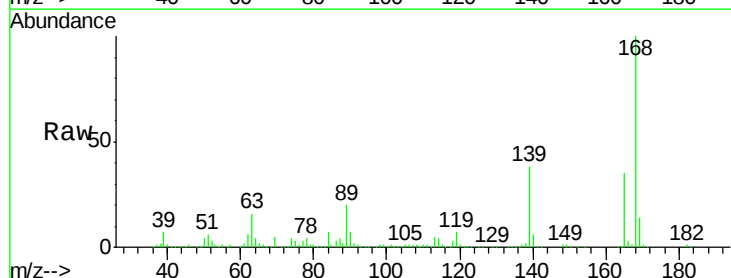
Ion Ratio Lower Upper

165 100

63 46.3 32.5 48.7

89 58.2 48.3 72.5

182 2.4 1.7 2.5

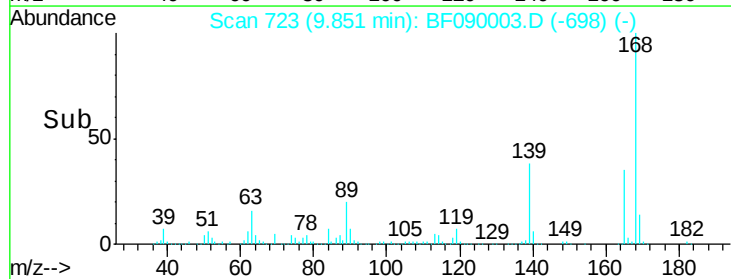
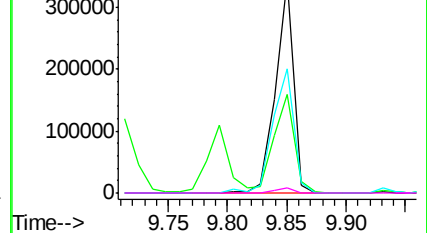


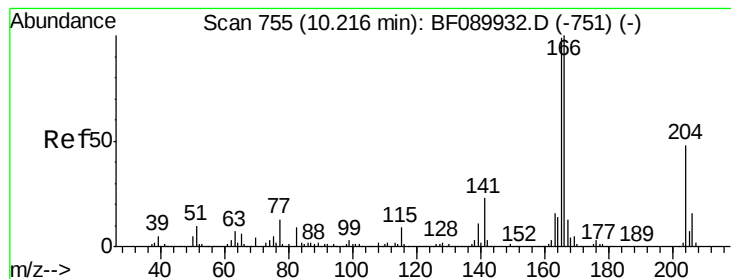
Abundance Ion 165.00 (164.70 to 165.70): E

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: 41.42 ng

RT: 10.19 min Scan# 753

Delta R.T. -0.02 min

Lab File: BF090003.D

Acq: 7 Sep 2016 14:23

Instrument :

BNA_F

ClientSampleId :

TEMP-AB(0-2)-8MS

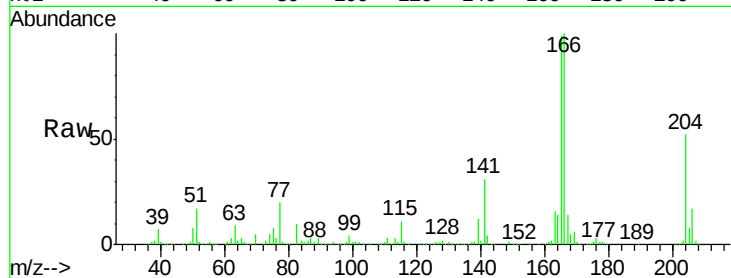
Tot Ion:166 Resp: 923966

Ion Ratio Lower Upper

166 100

165 99.0 78.6 118.0

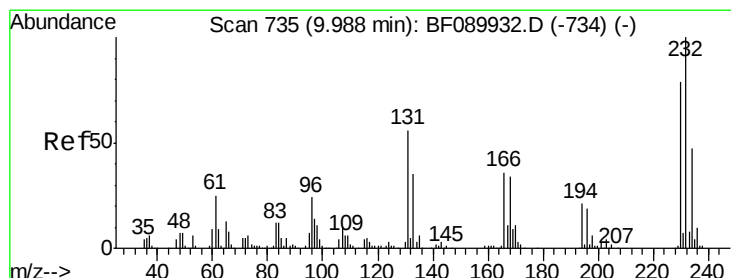
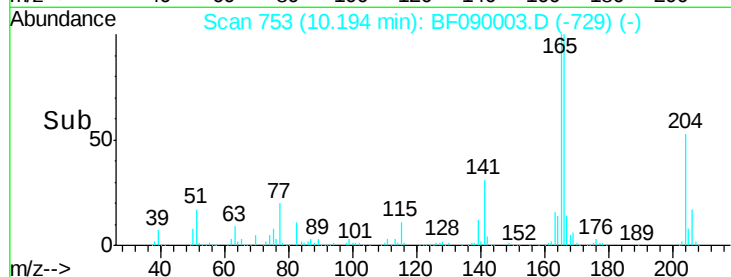
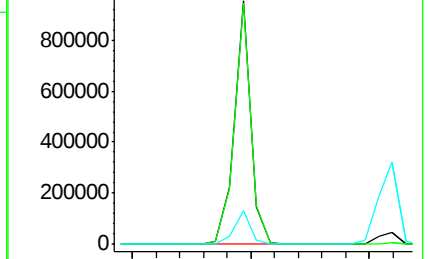
167 13.7 10.6 15.8



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: 47.83 ng

RT: 9.98 min Scan# 734

Delta R.T. -0.02 min

Lab File: BF090003.D

Acq: 7 Sep 2016 14:23

Tgt Ion:232 Resp: 305191

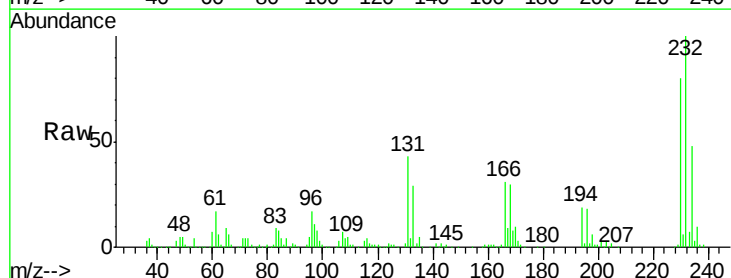
Ion Ratio Lower Upper

232 100

131 42.1 36.3 54.5

130 2.1 1.7 2.5

166 29.9 24.4 36.6

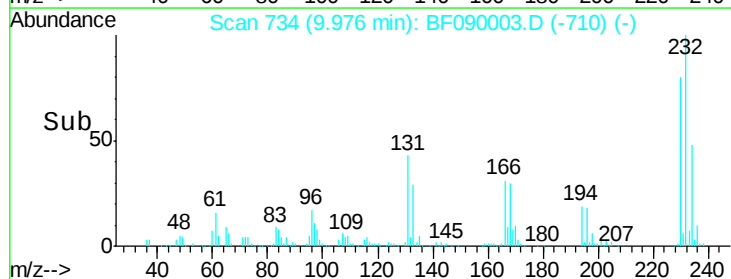
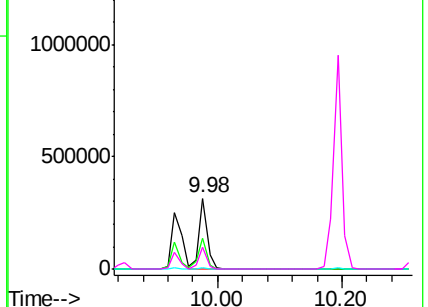


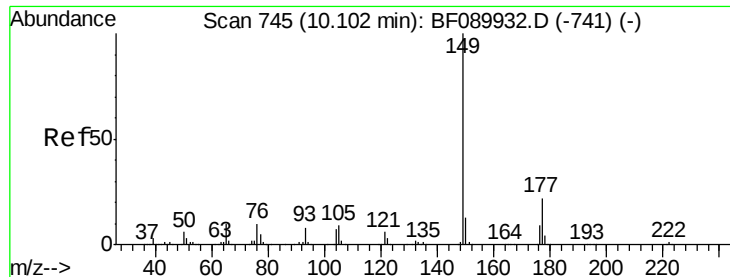
Abundance Ion 232.00 (231.70 to 232.70): E

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

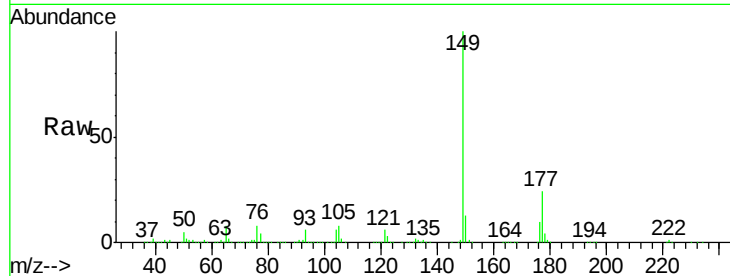




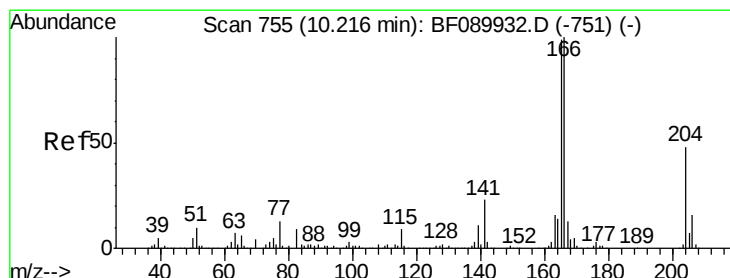
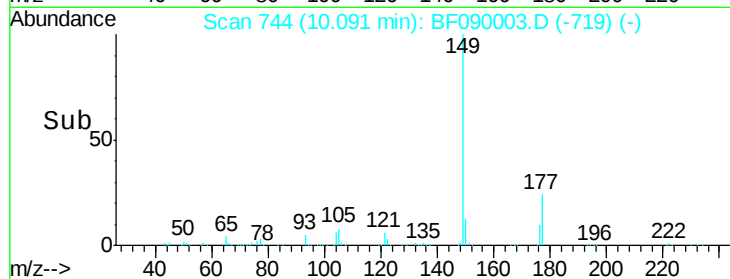
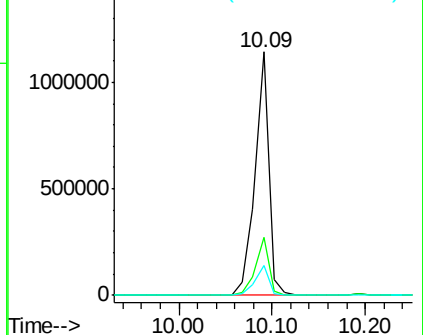
#59
Diethylphthalate
Concen: 45.10 ng
RT: 10.09 min Scan# 744
Delta R.T. -0.01 min
Lab File: BF090003.D
Acq: 7 Sep 2016 14:23

Instrument :
BNA_F
ClientSampleId :
TEMP-AB(0-2)-8MS

Tot Ion:149 Resp: 1170869
Ion Ratio Lower Upper
149 100
177 23.8 17.7 26.5
150 12.5 10.2 15.2

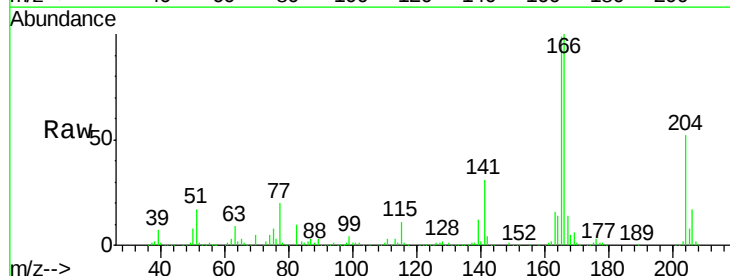


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

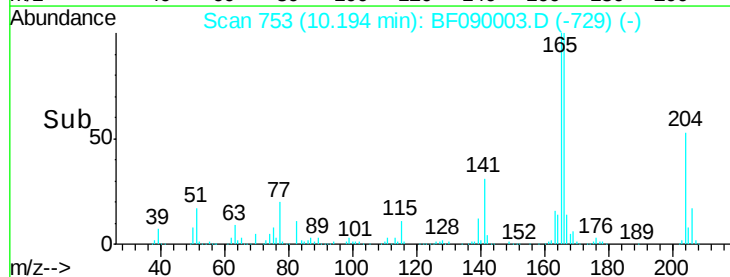
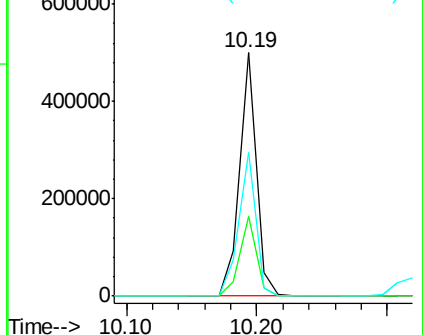


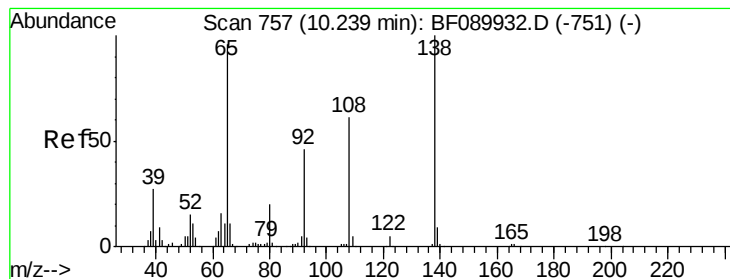
#60
4-Chlorophenyl-phenylether
Concen: 42.11 ng
RT: 10.19 min Scan# 753
Delta R.T. -0.02 min
Lab File: BF090003.D
Acq: 7 Sep 2016 14:23

Tgt Ion:204 Resp: 442040
Ion Ratio Lower Upper
204 100
206 32.8 26.6 40.0
141 59.1 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: 41.04 ng

RT: 10.23 min Scan# 756

Delta R.T. -0.01 min

Lab File: BF090003.D

Acq: 7 Sep 2016 14:23

Instrument :

BNA_F

ClientSampleId :

TEMP-AB(0-2)-8MS

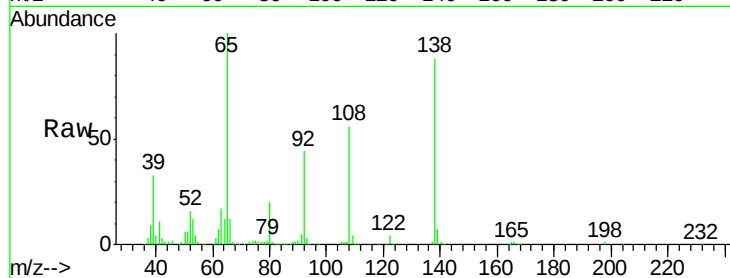
Tot Ion:138 Resp: 282270

Ion Ratio Lower Upper

138 100

92 49.6 21.2 61.2

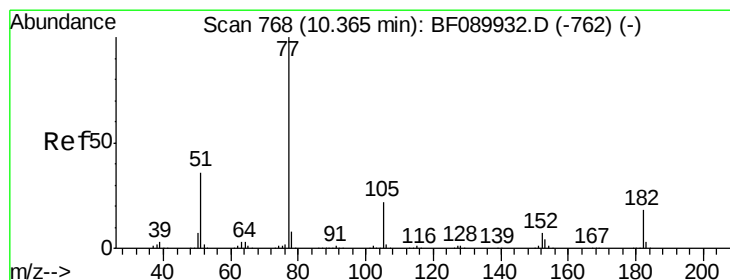
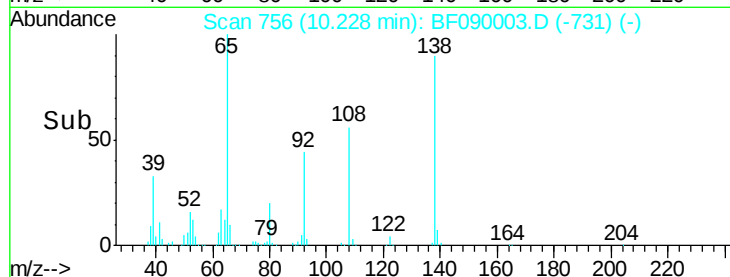
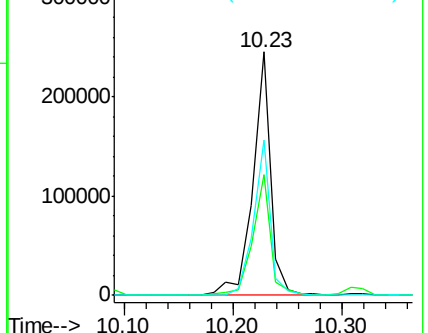
108 63.6 37.7 77.7



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 46.14 ng

RT: 10.35 min Scan# 767

Delta R.T. -0.02 min

Lab File: BF090003.D

Acq: 7 Sep 2016 14:23

Tgt Ion: 77 Resp: 1196483

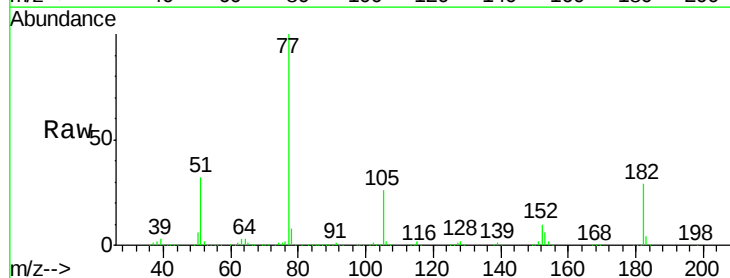
Ion Ratio Lower Upper

77 100

182 29.0 0.0 38.6

105 25.6 2.3 42.3

51 31.9 15.1 55.1

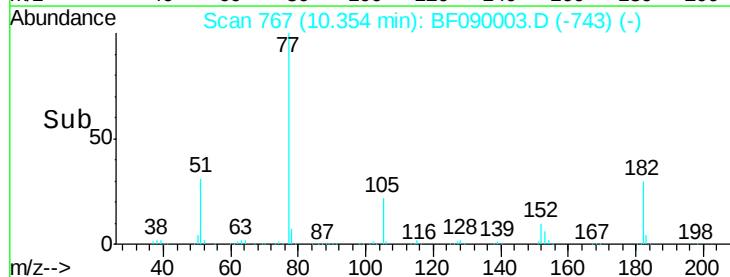
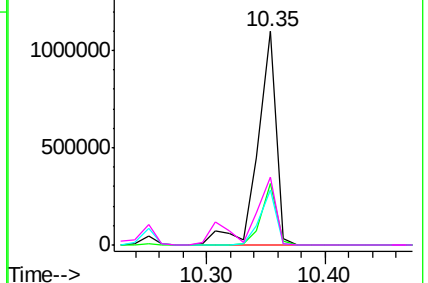


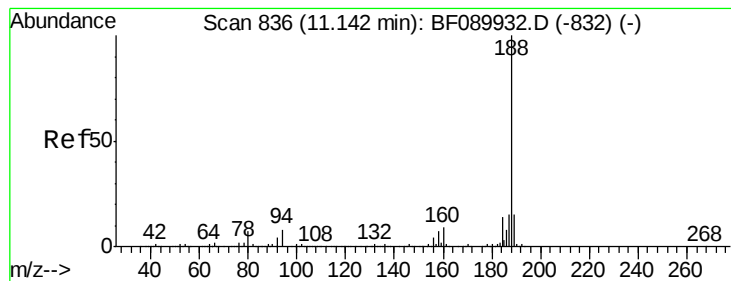
Abundance Ion 77.00 (76.70 to 77.70): BF0

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: 11.12 min Scan# 834

Delta R.T. -0.02 min

Lab File: BF090003.D

Acq: 7 Sep 2016 14:23

Instrument :

BNA_F

ClientSampleId :

TEMP-AB(0-2)-8MS

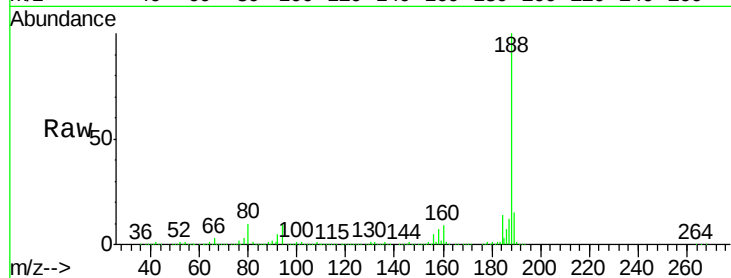
Tot Ion:188 Resp: 753712

Ion Ratio Lower Upper

188 100

94 9.7 5.9 8.9#

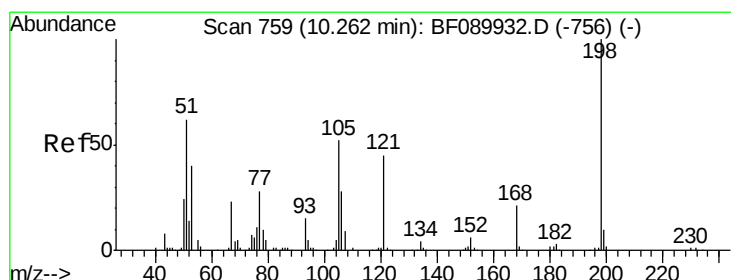
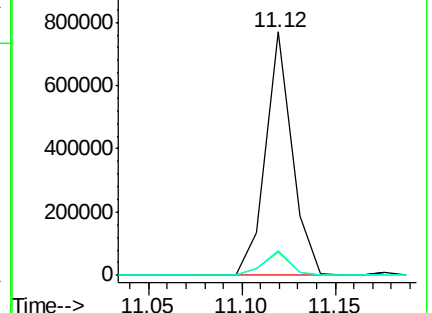
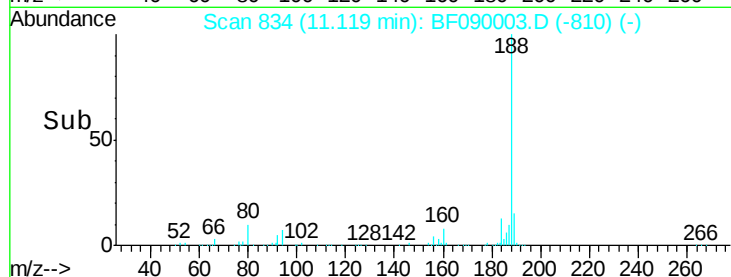
80 10.0 5.8 8.8#



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: 37.06 ng

RT: 10.25 min Scan# 758

Delta R.T. -0.02 min

Lab File: BF090003.D

Acq: 7 Sep 2016 14:23

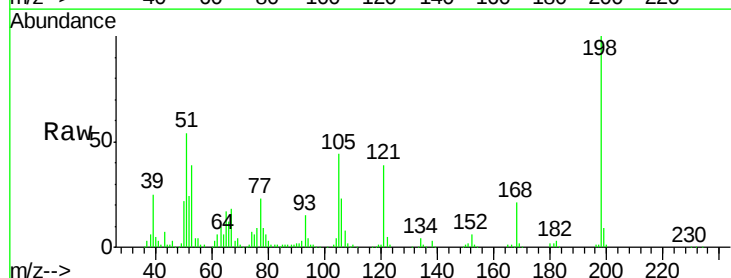
Tgt Ion:198 Resp: 178821

Ion Ratio Lower Upper

198 100

51 54.1 43.0 83.0

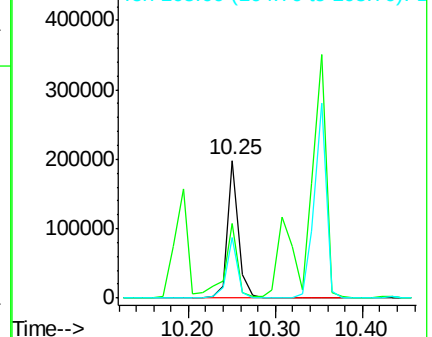
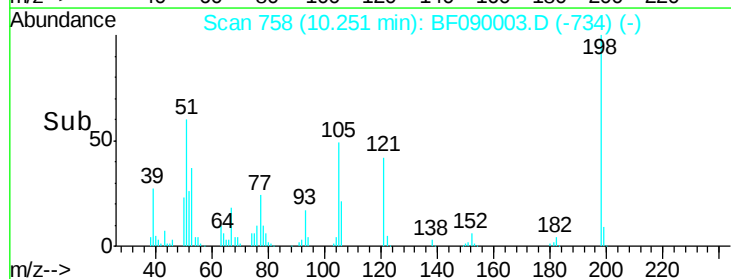
105 44.3 30.3 70.3

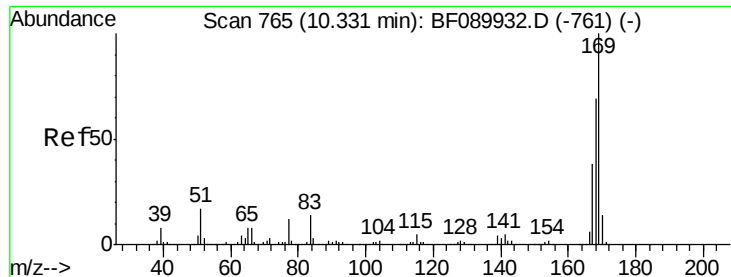


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 43.27 ng

RT: 10.32 min Scan# 764

Delta R.T. -0.01 min

Lab File: BF090003.D

Acq: 7 Sep 2016 14:23

Instrument :

BNA_F

ClientSampleId :

TEMP-AB(0-2)-8MS

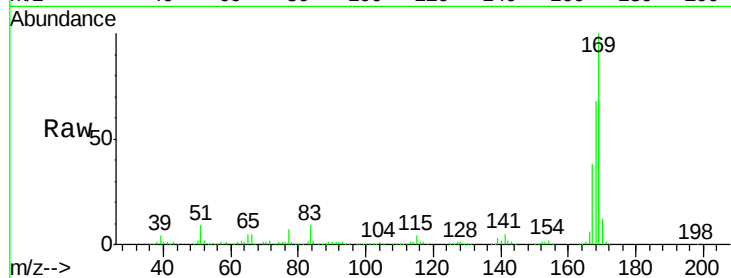
Tot Ion:169 Resp: 980384

Ion Ratio Lower Upper

169 100

168 68.1 55.0 82.4

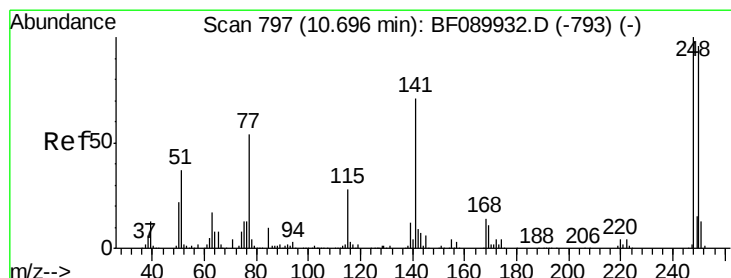
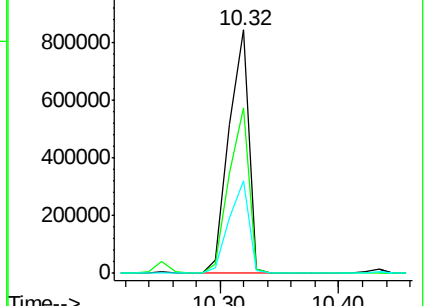
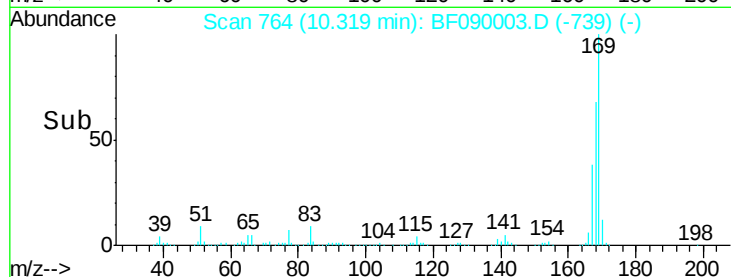
167 37.9 30.5 45.7



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 42.75 ng

RT: 10.67 min Scan# 795

Delta R.T. -0.02 min

Lab File: BF090003.D

Acq: 7 Sep 2016 14:23

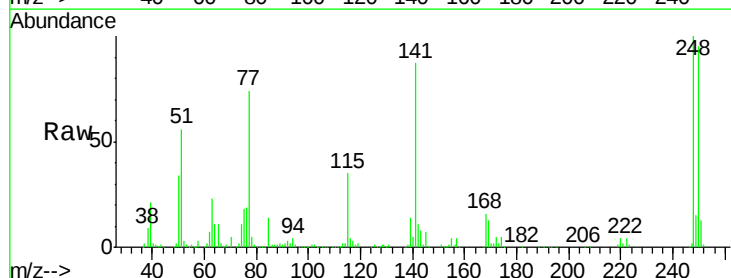
Tgt Ion:248 Resp: 324358

Ion Ratio Lower Upper

248 100

250 95.3 77.3 115.9

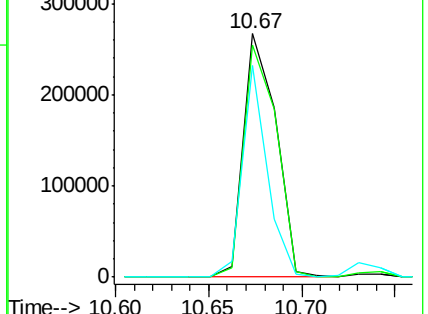
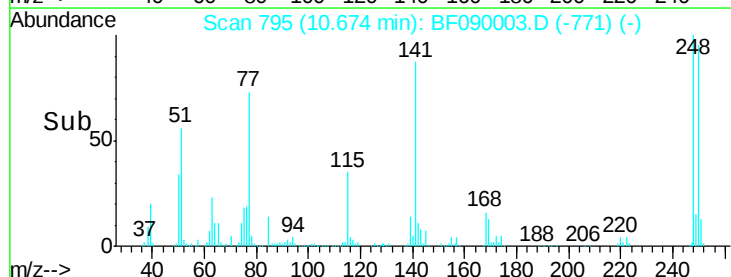
141 86.9 55.8 83.8#

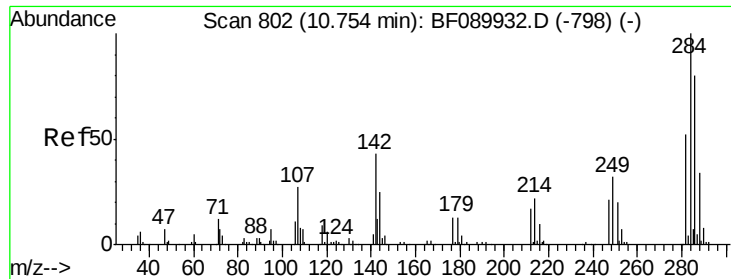


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

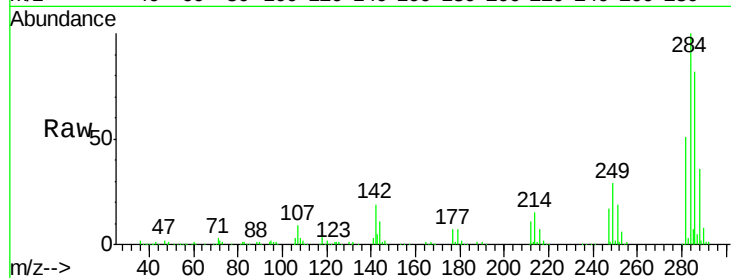




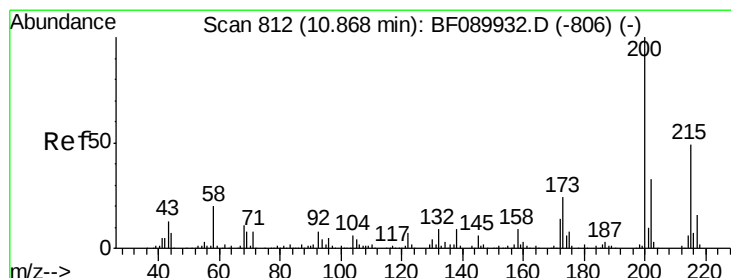
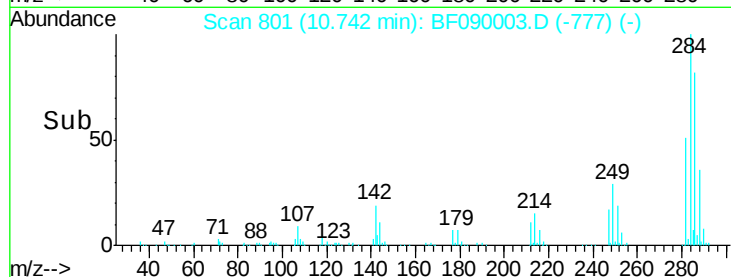
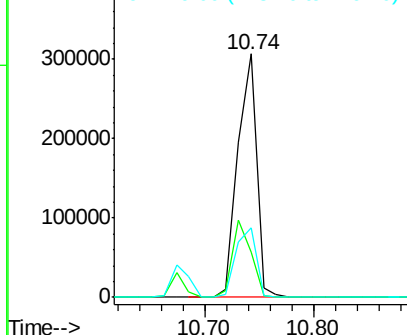
#67
Hexachlorobenzene
Concen: 42.00 ng
RT: 10.74 min Scan# 801
Delta R.T. -0.02 min
Lab File: BF090003.D
Acq: 7 Sep 2016 14:23

Instrument :
BNA_F
ClientSampleId :
TEMP-AB(0-2)-8MS

Tot Ion:284 Resp: 364023
Ion Ratio Lower Upper
284 100
142 18.7 32.7 49.1#
249 28.6 26.9 40.3

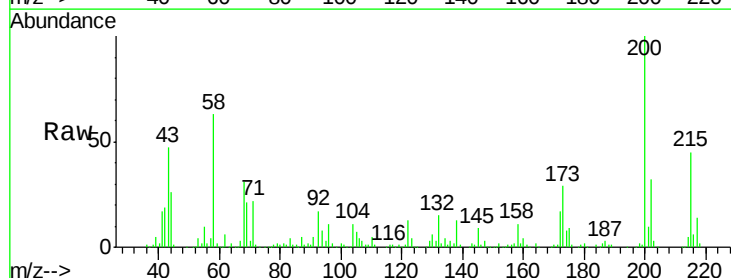


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

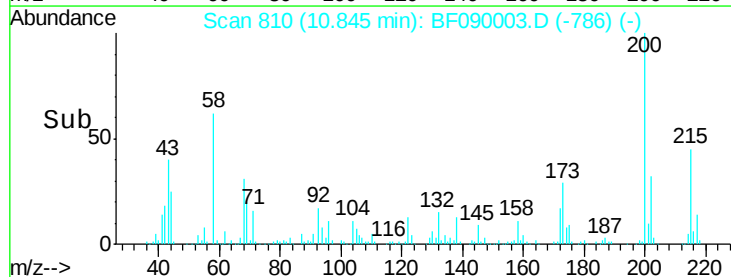
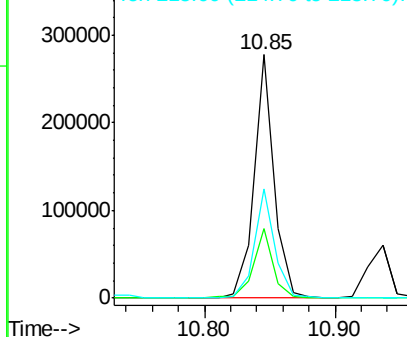


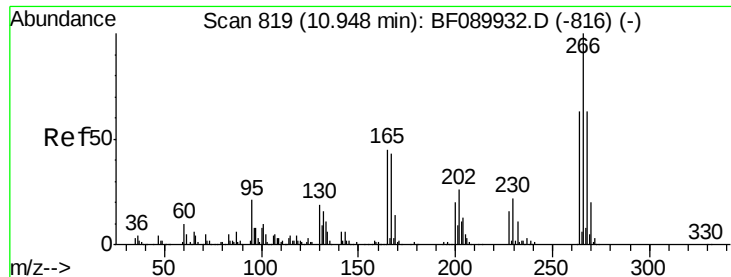
#68
Atrazine
Concen: 39.40 ng
RT: 10.85 min Scan# 810
Delta R.T. -0.02 min
Lab File: BF090003.D
Acq: 7 Sep 2016 14:23

Tgt Ion:200 Resp: 298019
Ion Ratio Lower Upper
200 100
173 28.6 9.4 49.4
215 45.1 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

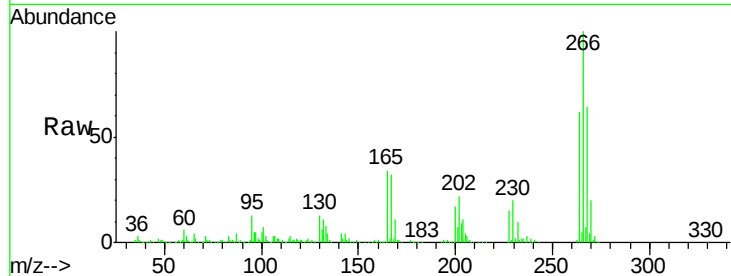




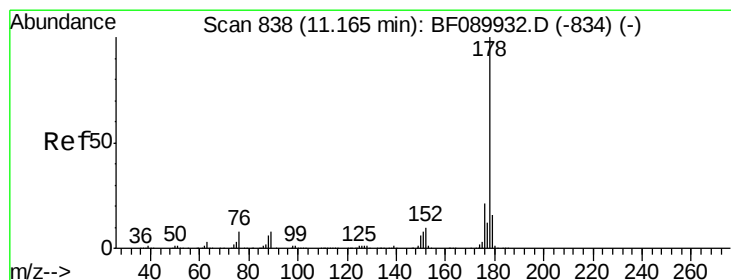
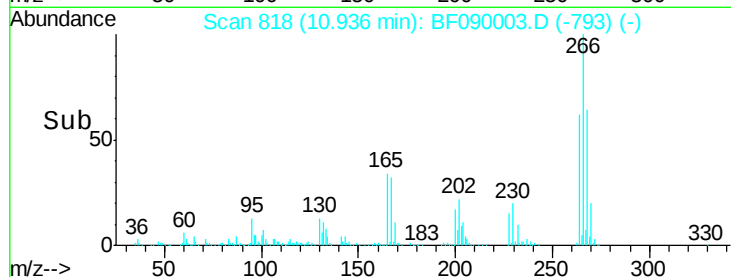
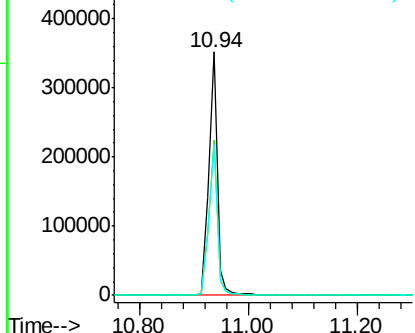
#69
 Pentachlorophenol
 Concen: 82.40 ng
 RT: 10.94 min Scan# 818
 Delta R.T. -0.01 min
 Lab File: BF090003.D
 Acq: 7 Sep 2016 14:23

Instrument :
 BNA_F
 ClientSampleId :
 TEMP-AB(0-2)-8MS

Tot Ion:266 Resp: 384202
 Ion Ratio Lower Upper
 266 100
 268 63.7 51.0 76.6
 264 62.0 50.6 75.8

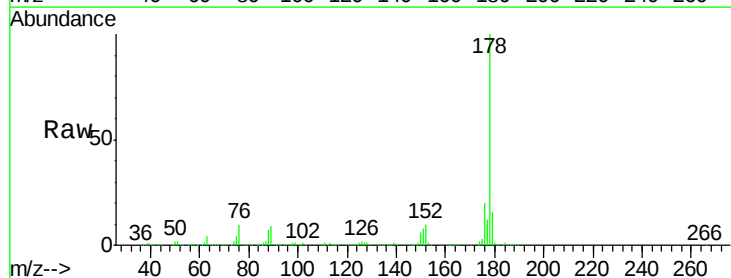


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

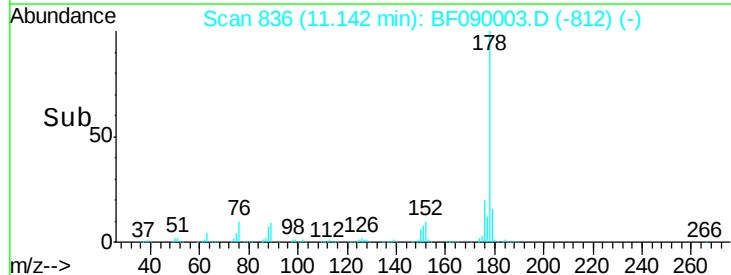
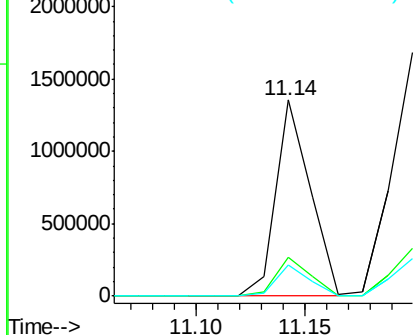


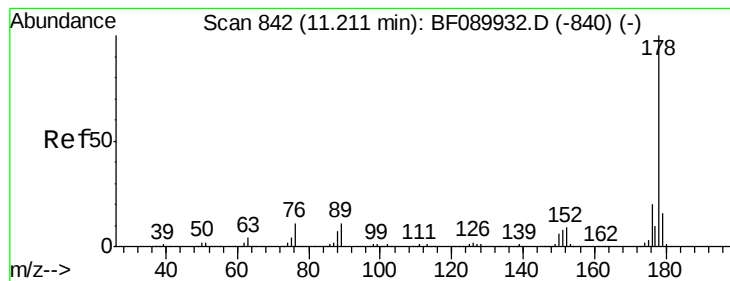
#70
 Phenanthrene
 Concen: 40.15 ng
 RT: 11.14 min Scan# 836
 Delta R.T. -0.02 min
 Lab File: BF090003.D
 Acq: 7 Sep 2016 14:23

Tgt Ion:178 Resp: 1507153
 Ion Ratio Lower Upper
 178 100
 176 20.0 16.5 24.7
 179 16.2 12.8 19.2



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





#71

Anthracene

Concen: 45.59 ng

RT: 11.20 min Scan# 841

Delta R.T. -0.02 min

Lab File: BF090003.D

Acq: 7 Sep 2016 14:23

Instrument :

BNA_F

ClientSampleId :

TEMP-AB(0-2)-8MS

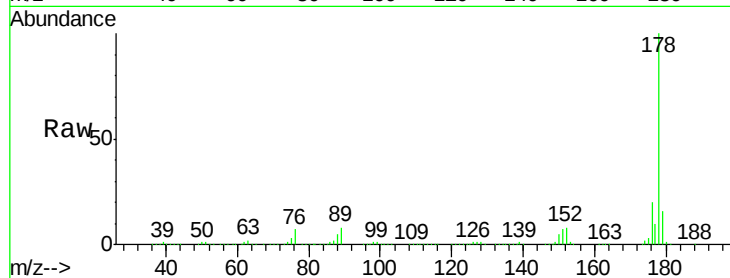
Tot Ion:178 Resp: 1735510

Ion Ratio Lower Upper

178 100

176 19.9 15.8 23.8

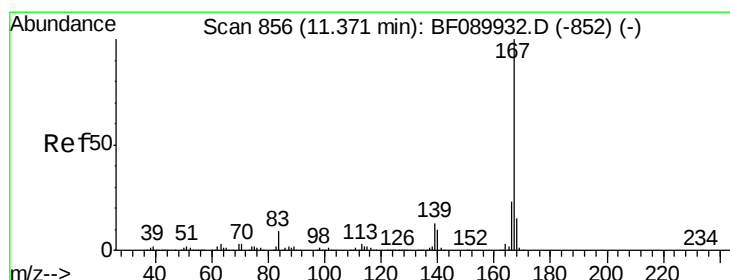
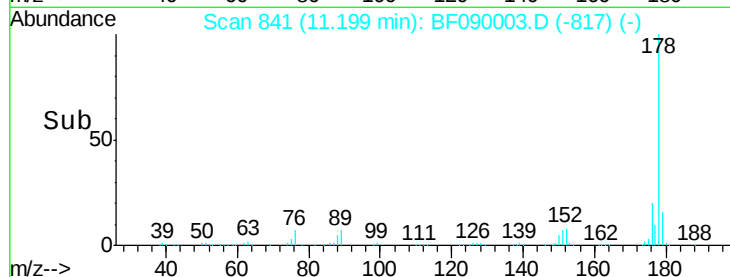
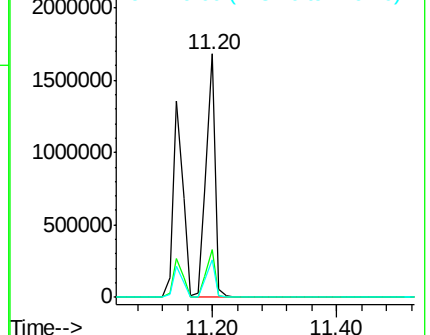
179 15.6 13.0 19.4



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: 45.24 ng

RT: 11.36 min Scan# 855

Delta R.T. -0.01 min

Lab File: BF090003.D

Acq: 7 Sep 2016 14:23

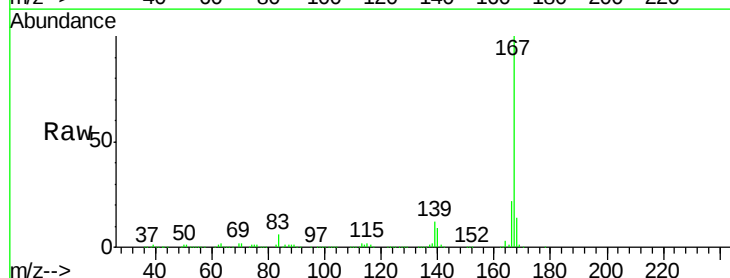
Tgt Ion:167 Resp: 1614735

Ion Ratio Lower Upper

167 100

166 22.3 18.1 27.1

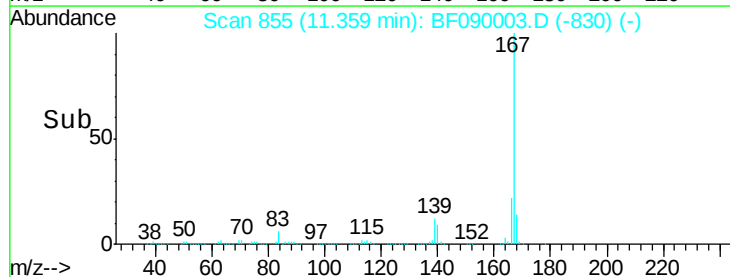
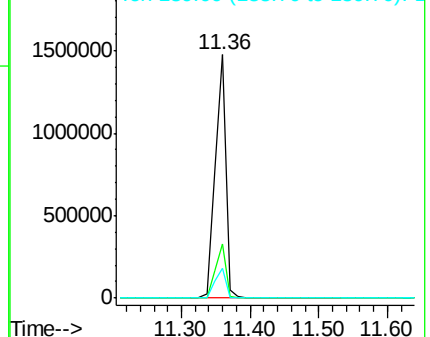
139 12.0 10.4 15.6

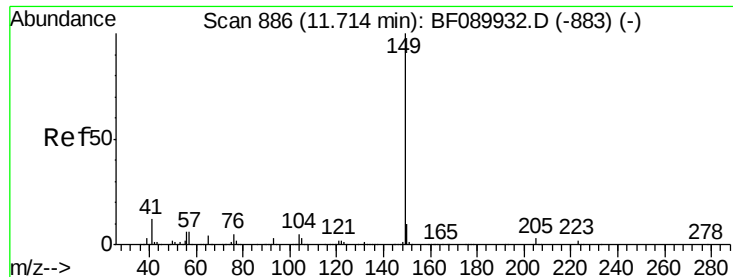


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 43.97 ng

RT: 11.70 min Scan# 885

Delta R.T. -0.02 min

Lab File: BF090003.D

Acq: 7 Sep 2016 14:23

Instrument :

BNA_F

ClientSampleId :

TEMP-AB(0-2)-8MS

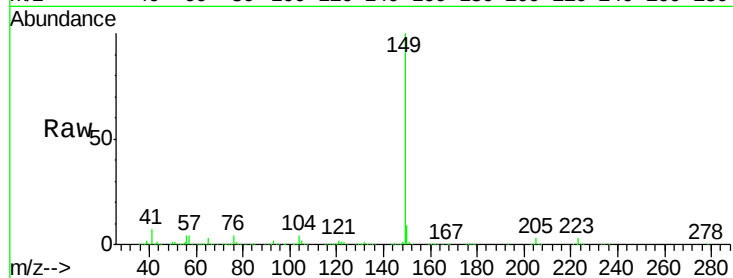
Tot Ion:149 Resp: 1829131

Ion Ratio Lower Upper

149 100

150 9.3 7.8 11.8

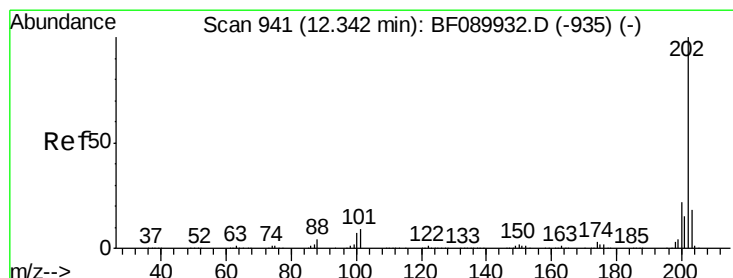
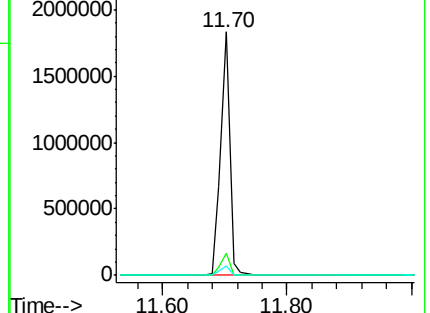
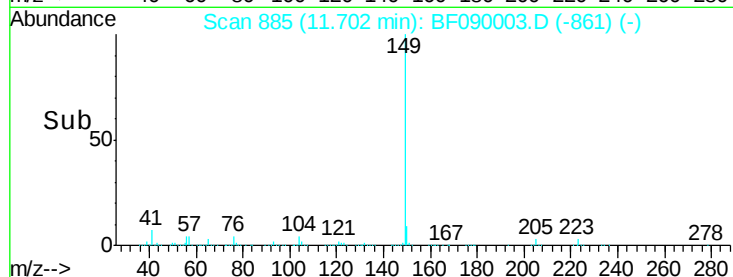
104 4.1 3.9 5.9



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: 40.87 ng

RT: 12.32 min Scan# 939

Delta R.T. -0.02 min

Lab File: BF090003.D

Acq: 7 Sep 2016 14:23

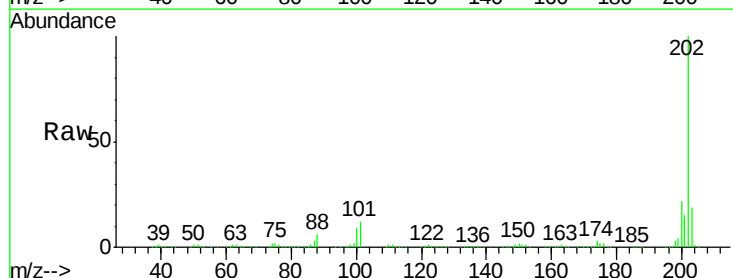
Tgt Ion:202 Resp: 1607470

Ion Ratio Lower Upper

202 100

101 12.2 0.0 28.5

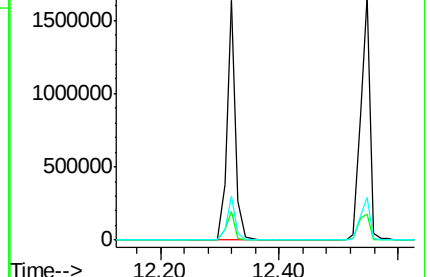
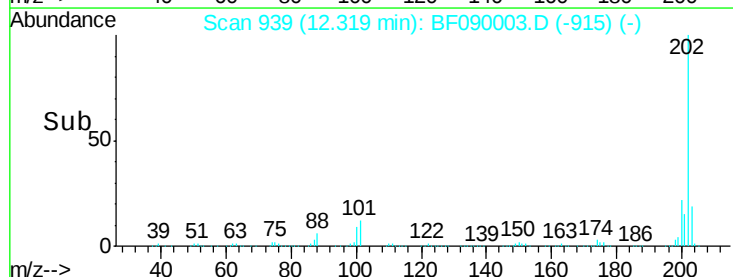
203 18.5 0.0 38.0

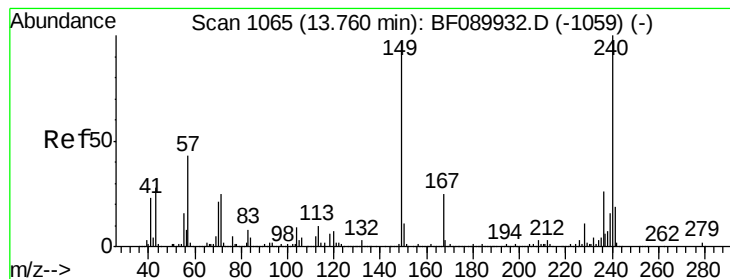


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.74 min Scan# 1063

Delta R.T. -0.02 min

Lab File: BF090003.D

Acq: 7 Sep 2016 14:23

Instrument :

BNA_F

ClientSampleId :

TEMP-AB(0-2)-8MS

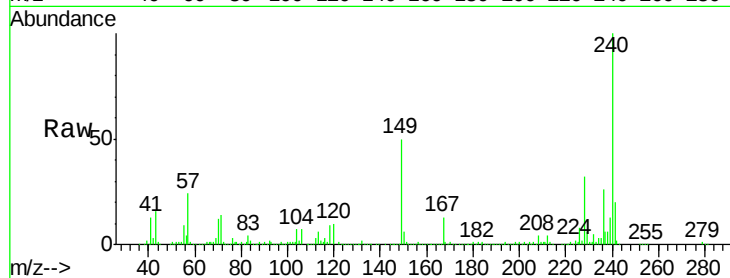
Tot Ion:240 Resp: 586617

Ion Ratio Lower Upper

240 100

120 10.0 5.7 8.5#

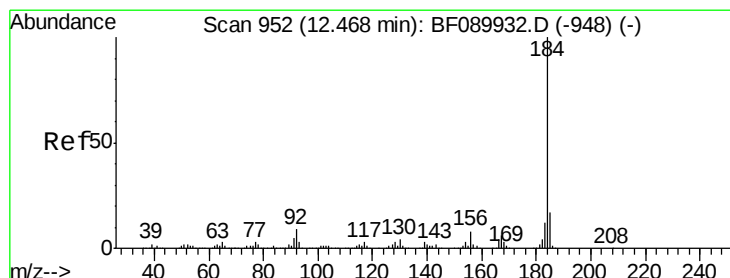
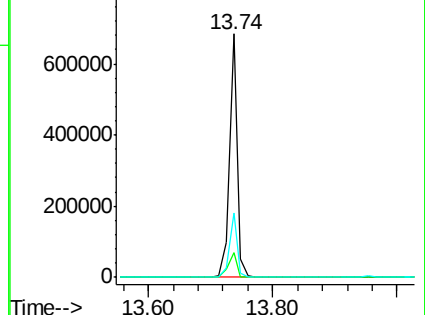
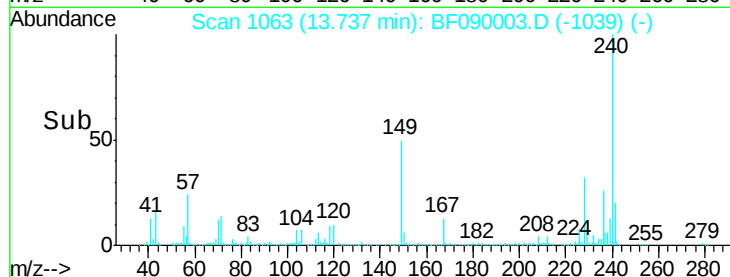
236 26.5 21.3 31.9



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: 35.79 ng

RT: 12.46 min Scan# 951

Delta R.T. -0.01 min

Lab File: BF090003.D

Acq: 7 Sep 2016 14:23

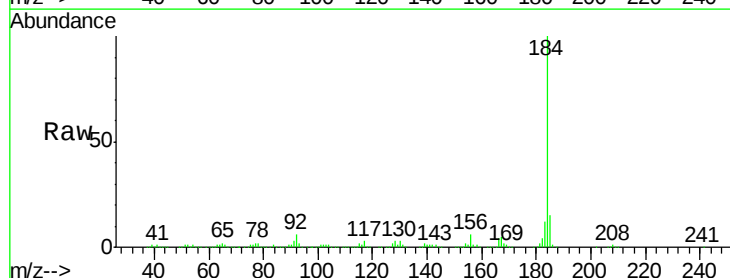
Tgt Ion:184 Resp: 795398

Ion Ratio Lower Upper

184 100

185 14.7 13.8 20.8

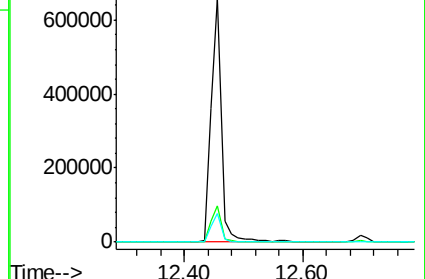
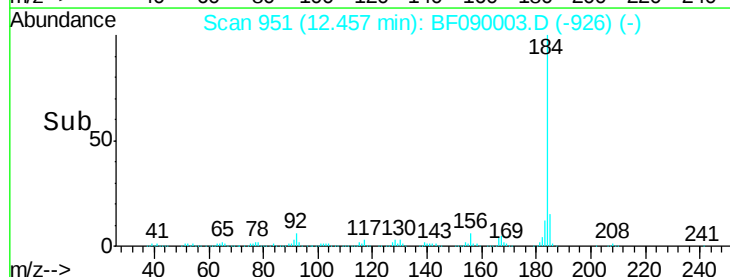
183 11.6 9.6 14.4

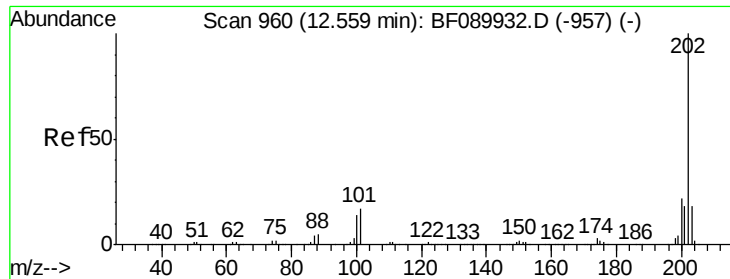


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

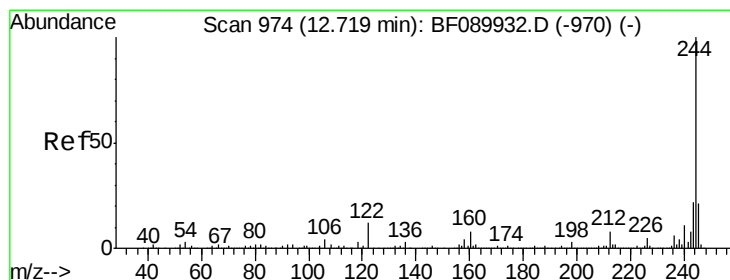
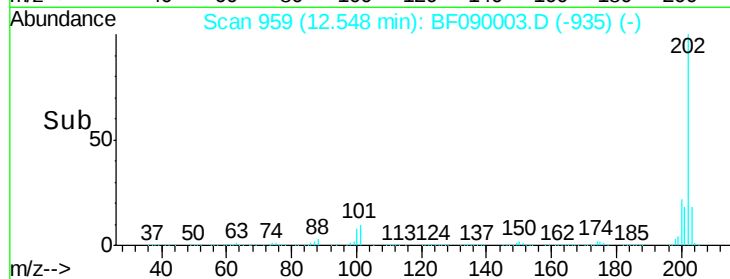
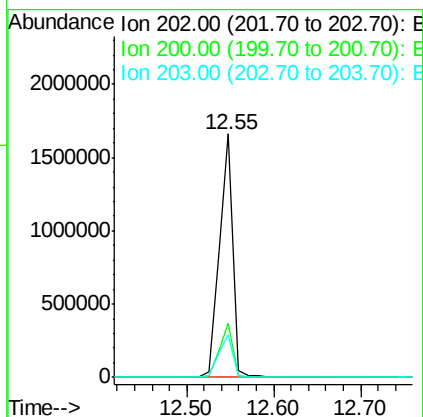
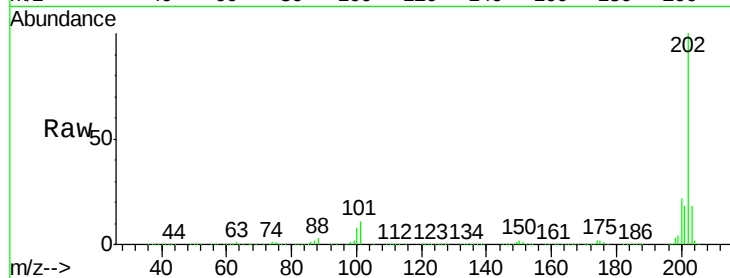




#77
Pvrene
Concen: 43.85 ng
RT: 12.55 min Scan# 959
Delta R.T. -0.02 min
Lab File: BF090003.D
Acq: 7 Sep 2016 14:23

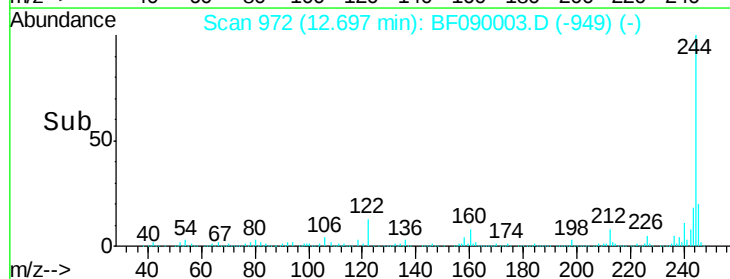
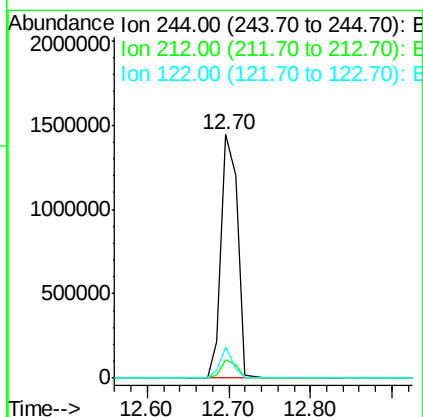
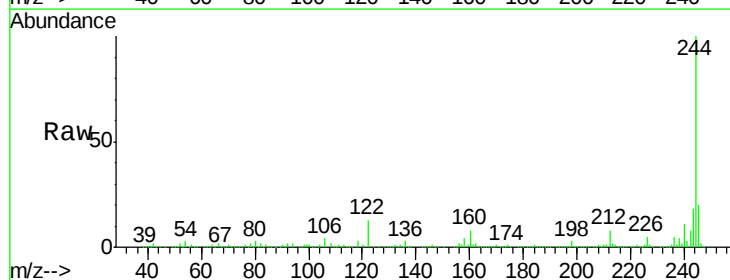
Instrument :
BNA_F
ClientSampleId :
TEMP-AB(0-2)-8MS

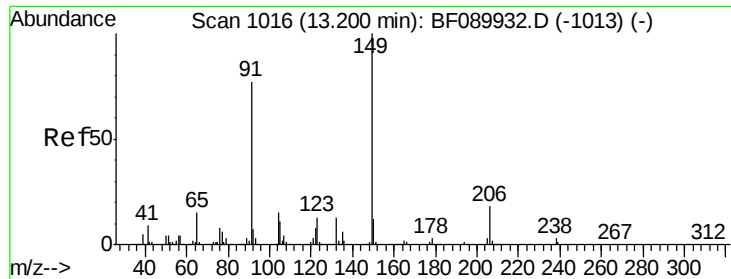
Tot Ion:202 Resp: 1813678
Ion Ratio Lower Upper
202 100
200 22.1 17.6 26.4
203 17.7 14.6 21.8



#78
Terphenyl-d14
Concen: 84.09 ng
RT: 12.70 min Scan# 972
Delta R.T. -0.03 min
Lab File: BF090003.D
Acq: 7 Sep 2016 14:23

Tgt Ion:244 Resp: 1996843
Ion Ratio Lower Upper
244 100
212 7.6 6.1 9.1
122 12.7 9.6 14.4

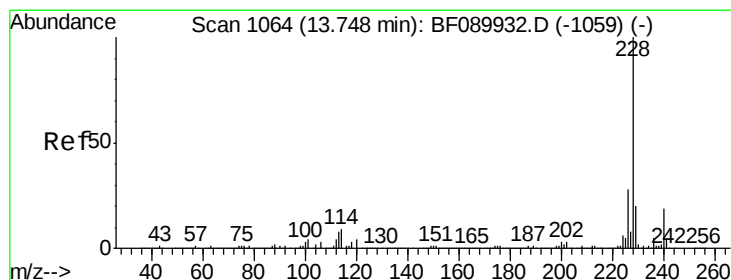
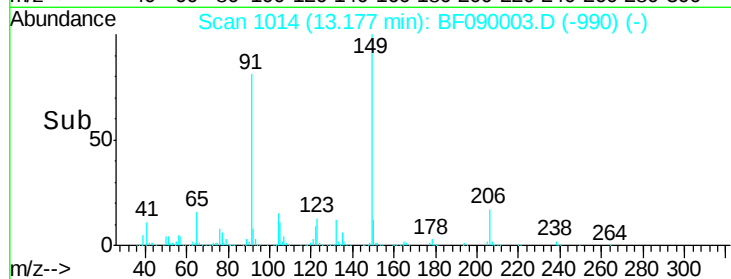
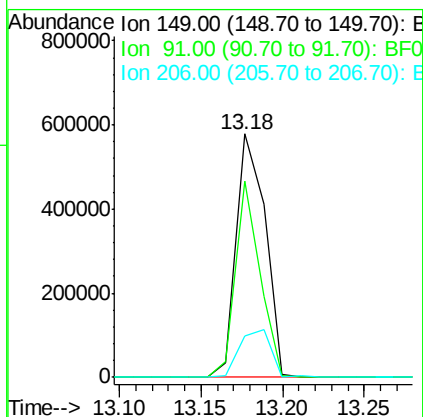
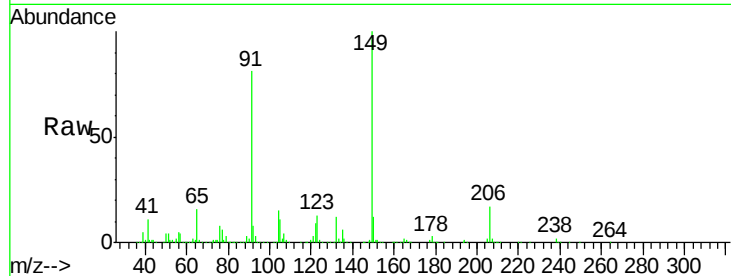




#79
Butylbenzylphthalate
Concen: 42.62 ng
RT: 13.18 min Scan# 1014
Delta R.T. -0.02 min
Lab File: BF090003.D
Acq: 7 Sep 2016 14:23

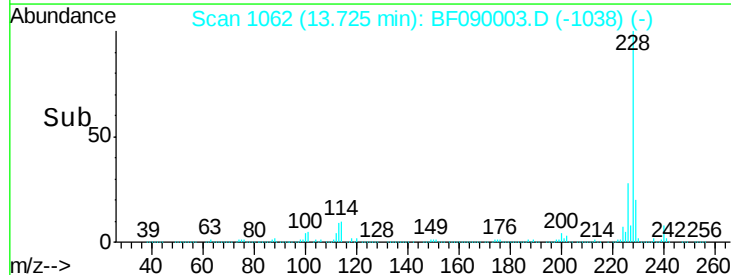
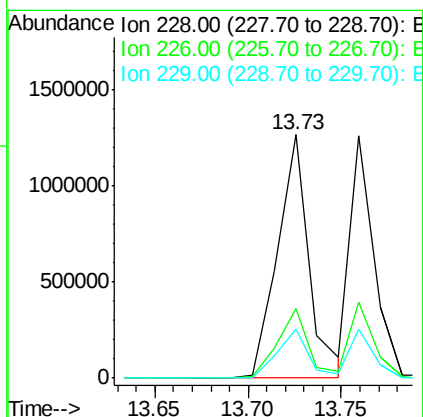
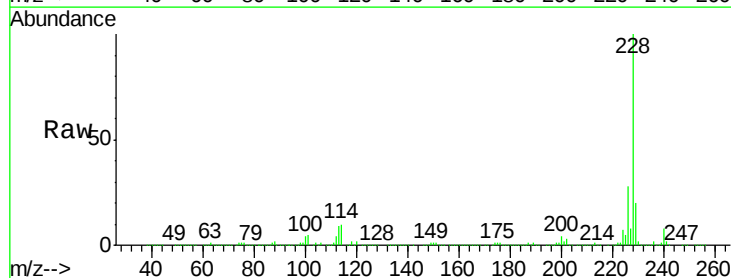
Instrument :
BNA_F
ClientSampleId :
TEMP-AB(0-2)-8MS

Tot Ion:	149	Resp:	710959
Ion	Ratio	Lower	Upper
149	100		
91	80.6	60.0	90.0
206	17.0	15.1	22.7



#80
Benzo(a)anthracene
Concen: 41.47 ng
RT: 13.73 min Scan# 1062
Delta R.T. -0.02 min
Lab File: BF090003.D
Acq: 7 Sep 2016 14:23

Tgt Ion:	228	Resp:	1490145
Ion	Ratio	Lower	Upper
228	100		
226	28.3	22.2	33.2
229	20.2	15.8	23.6

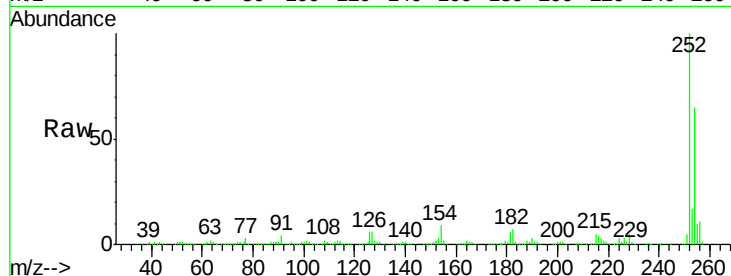




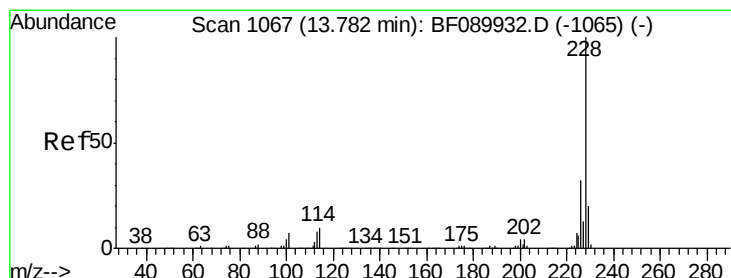
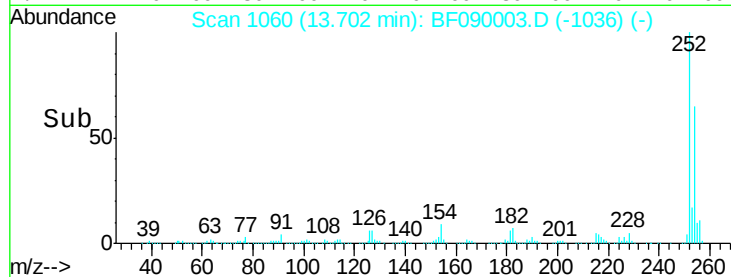
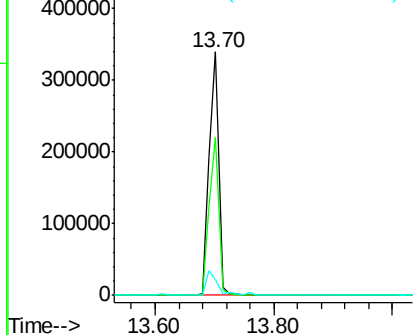
#81
 3,3'-Dichlorobenzidine
 Concen: 29.70 ng
 RT: 13.70 min Scan# 1060
 Delta R.T. -0.02 min
 Lab File: BF090003.D
 Acq: 7 Sep 2016 14:23

Instrument :
 BNA_F
 ClientSampleId :
 TEMP-AB(0-2)-8MS

Tot Ion:252 Resp: 385153
 Ion Ratio Lower Upper
 252 100
 254 65.0 51.3 76.9
 126 6.5 12.3 18.5#

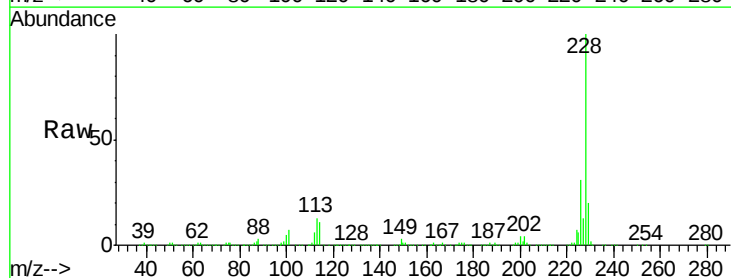


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

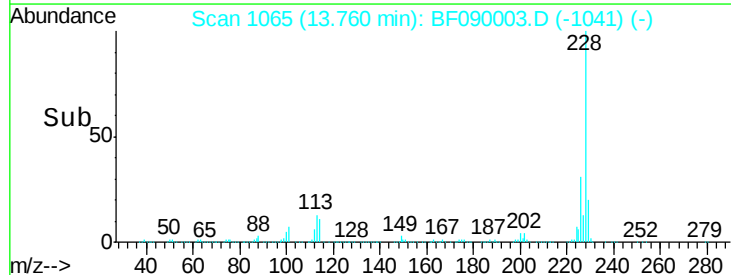
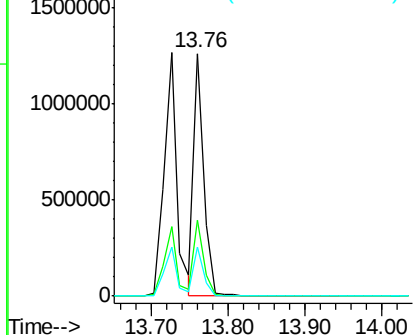


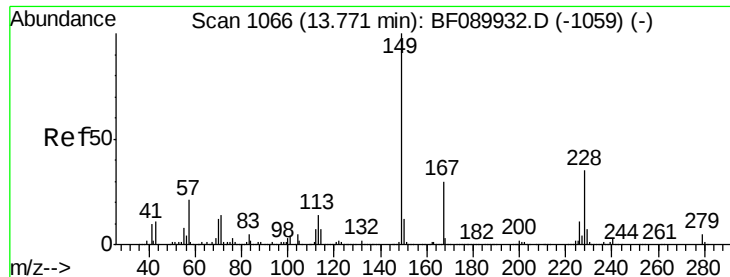
#82
 Chrysene
 Concen: 34.38 ng
 RT: 13.76 min Scan# 1065
 Delta R.T. -0.02 min
 Lab File: BF090003.D
 Acq: 7 Sep 2016 14:23

Tgt Ion:228 Resp: 1153934
 Ion Ratio Lower Upper
 228 100
 226 31.4 25.2 37.8
 229 20.0 16.2 24.2



Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 42.02 ng

RT: 13.75 min Scan# 1064

Delta R.T. -0.02 min

Lab File: BF090003.D

Acq: 7 Sep 2016 14:23

Instrument :

BNA_F

ClientSampleId :

TEMP-AB(0-2)-8MS

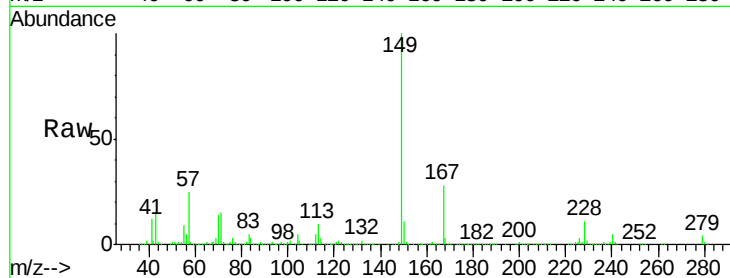
Tot Ion:149 Resp: 969518

Ion Ratio Lower Upper

149 100

167 28.5 23.6 35.4

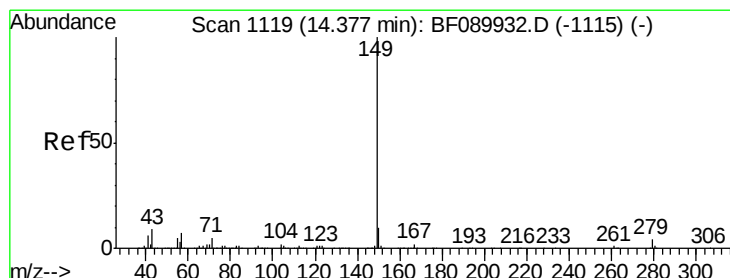
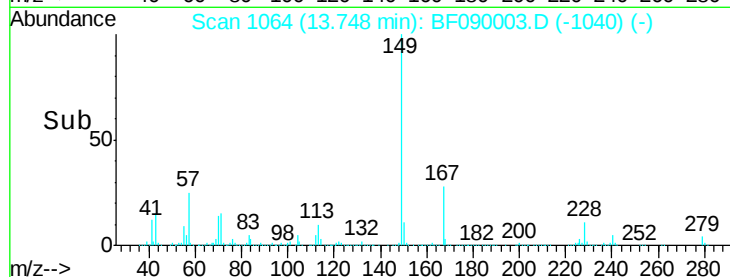
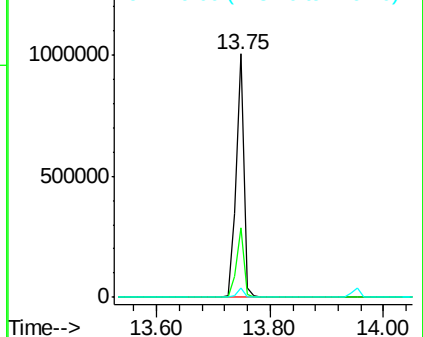
279 3.7 3.4 5.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 41.28 ng

RT: 14.35 min Scan# 1117

Delta R.T. -0.02 min

Lab File: BF090003.D

Acq: 7 Sep 2016 14:23

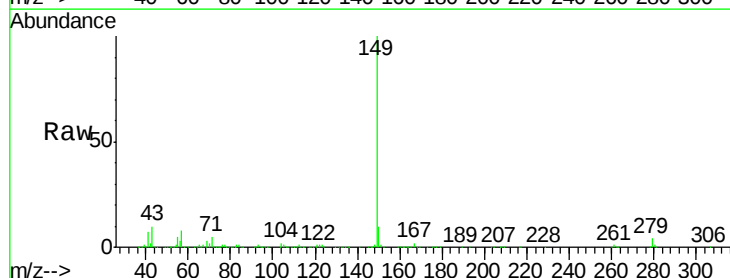
Tgt Ion:149 Resp: 1537253

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

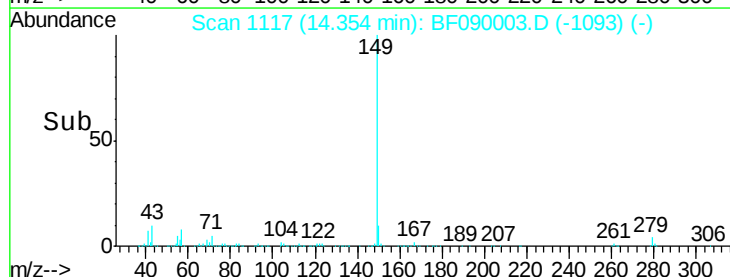
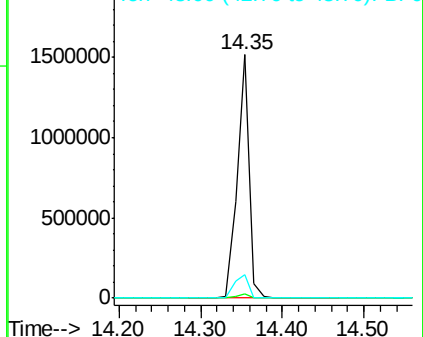
43 11.7 9.3 13.9

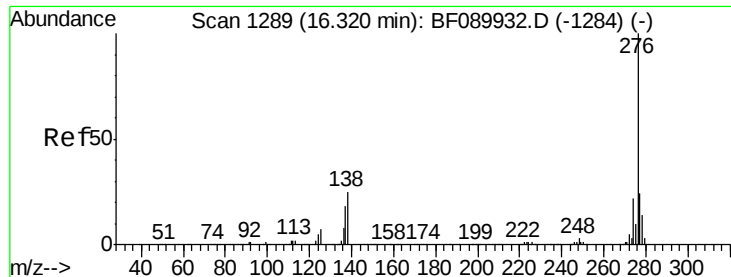


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0





#85

Indeno(1,2,3-cd)pyrene

Concen: 46.49 ng

RT: 16.30 min Scan# 1287

Delta R.T. -0.03 min

Lab File: BF090003.D

Acq: 7 Sep 2016 14:23

Instrument :

BNA_F

ClientSampleId :

TEMP-AB(0-2)-8MS

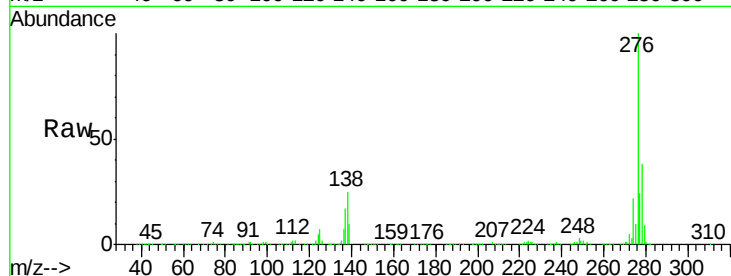
Tot Ion:276 Resp: 1153553

Ion Ratio Lower Upper

276 100

138 28.0 22.6 34.0

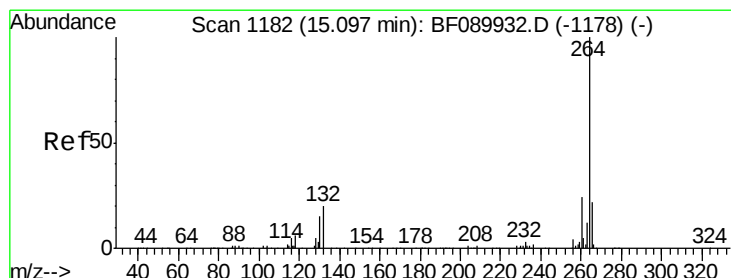
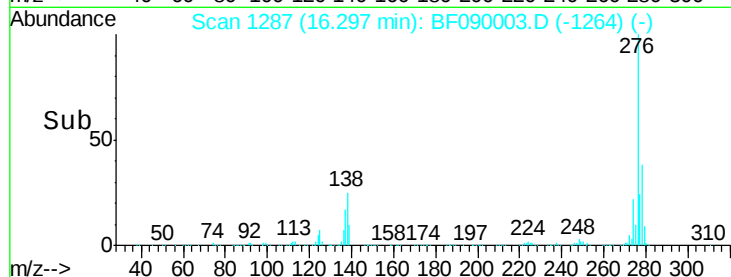
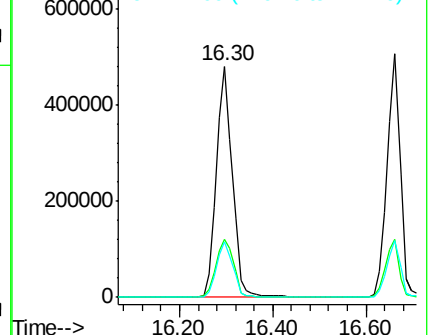
277 25.1 20.1 30.1



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.07 min Scan# 1180

Delta R.T. -0.02 min

Lab File: BF090003.D

Acq: 7 Sep 2016 14:23

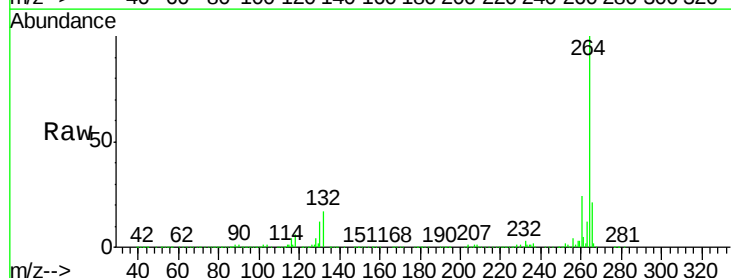
Tgt Ion:264 Resp: 462885

Ion Ratio Lower Upper

264 100

260 24.4 19.4 29.0

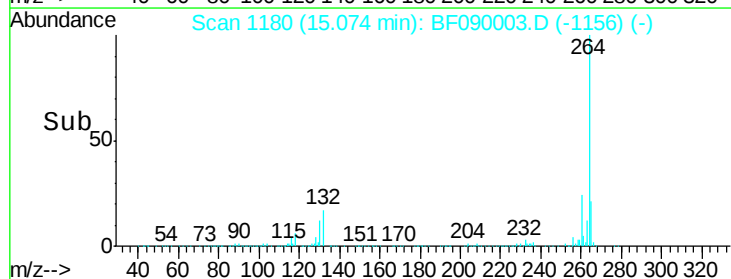
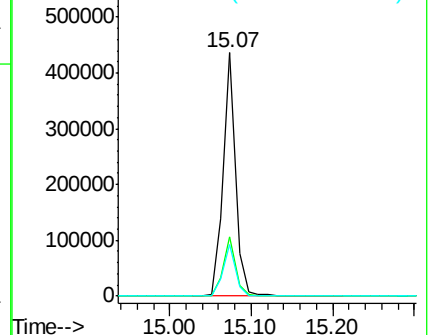
265 21.4 17.4 26.2

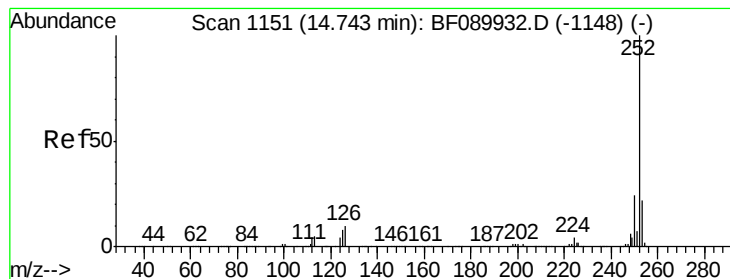


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 77.86 ng

RT: 14.74 min Scan# 1151

Delta R.T. 0.00 min

Lab File: BF090003.D

Acq: 7 Sep 2016 14:23

Instrument :

BNA_F

ClientSampleId :

TEMP-AB(0-2)-8MS

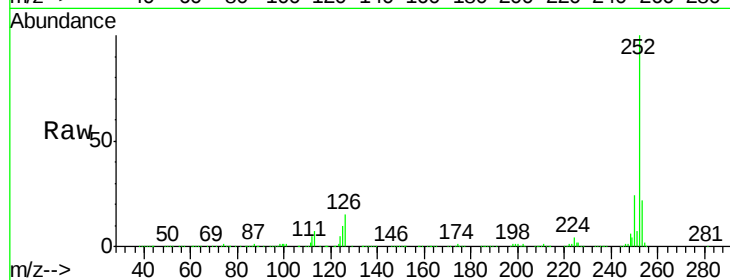
Tot Ion:252 Resp: 2257840

Ion Ratio Lower Upper

252 100

253 22.3 18.0 27.0

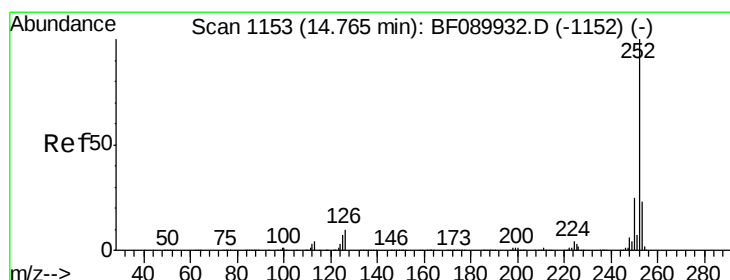
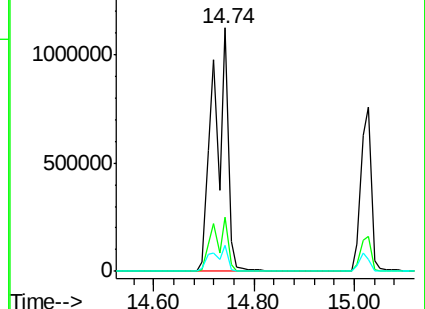
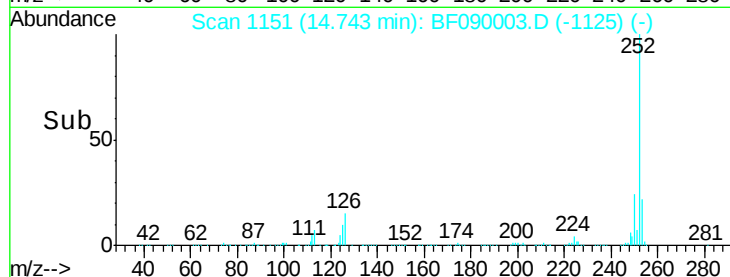
125 10.5 5.7 8.5#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 91.76 ng

RT: 14.74 min Scan# 1151

Delta R.T. -0.02 min

Lab File: BF090003.D

Acq: 7 Sep 2016 14:23

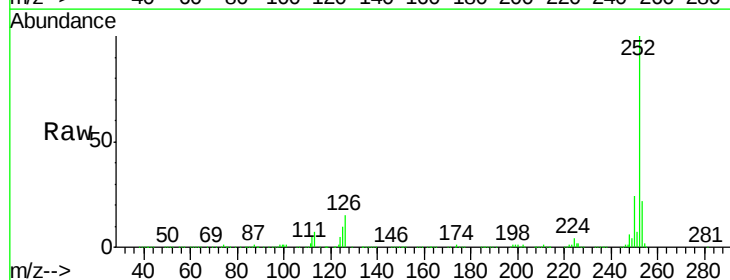
Tgt Ion:252 Resp: 2257840

Ion Ratio Lower Upper

252 100

253 22.3 17.8 26.8

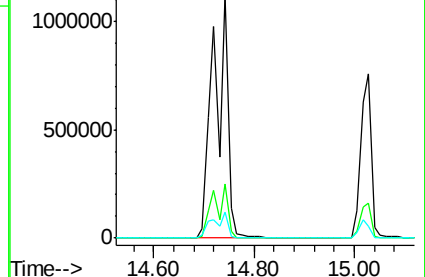
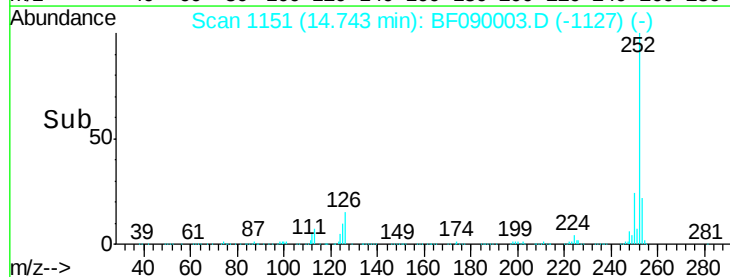
125 10.5 7.3 10.9

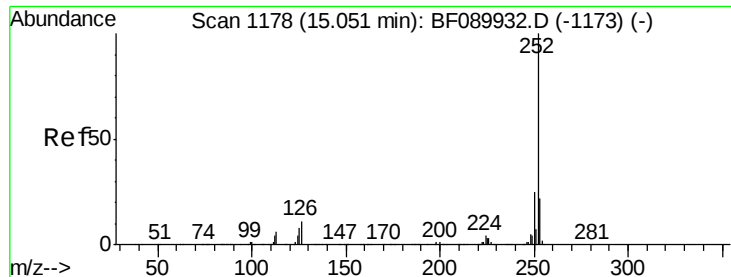


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

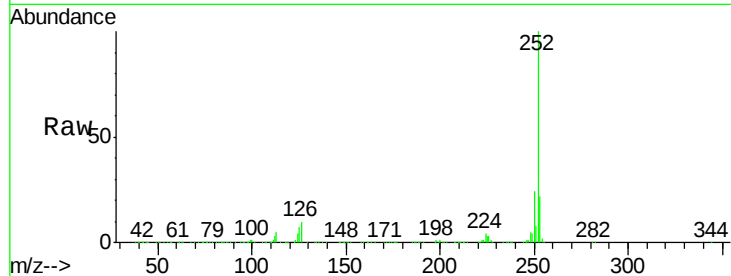




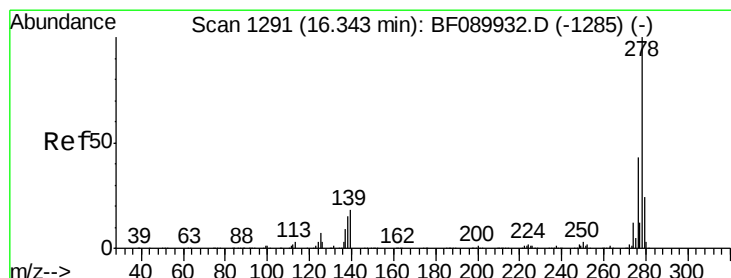
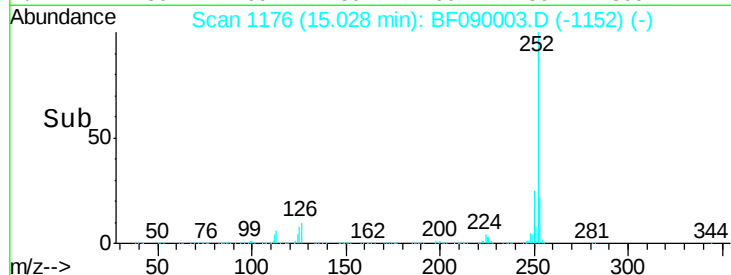
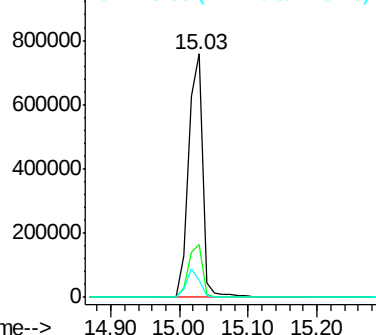
#89
Benzo(a)pyrene
Concen: 44.18 ng
RT: 15.03 min Scan# 1176
Delta R.T. -0.02 min
Lab File: BF090003.D
Acq: 7 Sep 2016 14:23

Instrument :
BNA_F
ClientSampleId :
TEMP-AB(0-2)-8MS

Tot Ion:252 Resp: 1097683
Ion Ratio Lower Upper
252 100
253 21.6 17.5 26.3
125 7.2 6.3 9.5

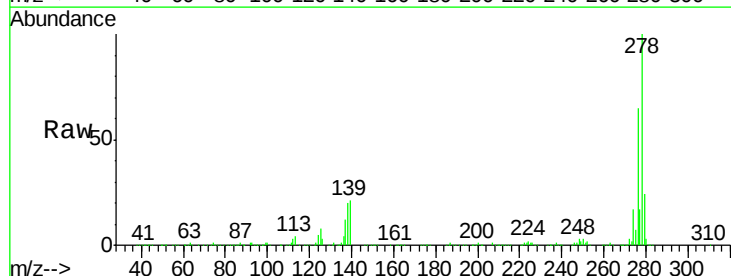


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

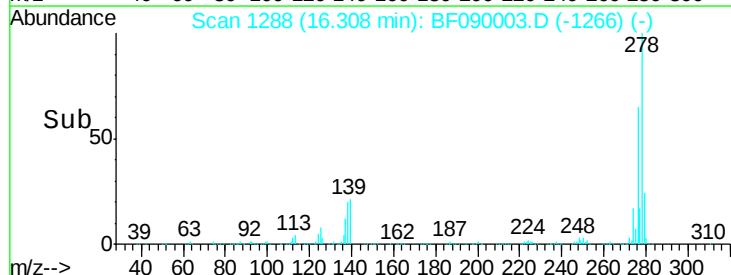
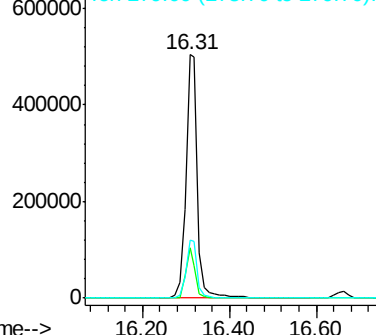


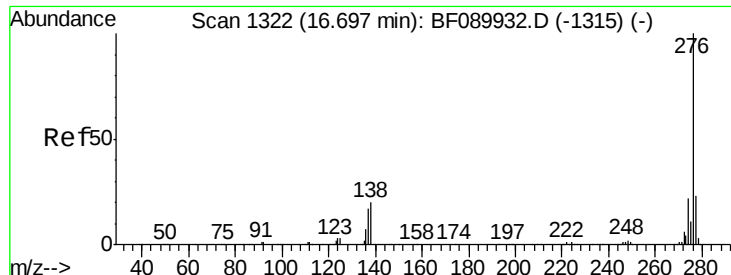
#90
Dibenzo(a,h)anthracene
Concen: 52.99 ng
RT: 16.31 min Scan# 1288
Delta R.T. -0.05 min
Lab File: BF090003.D
Acq: 7 Sep 2016 14:23

Tgt Ion:278 Resp: 964647
Ion Ratio Lower Upper
278 100
139 20.9 13.4 20.2#
279 24.0 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(a,h,i)perylene

Concen: 54.38 ng

RT: 16.66 min Scan# 1319

Delta R.T. -0.05 min

Lab File: BF090003.D

Acq: 7 Sep 2016 14:23

Instrument :

BNA_F

ClientSampleId :

TEMP-AB(0-2)-8MS

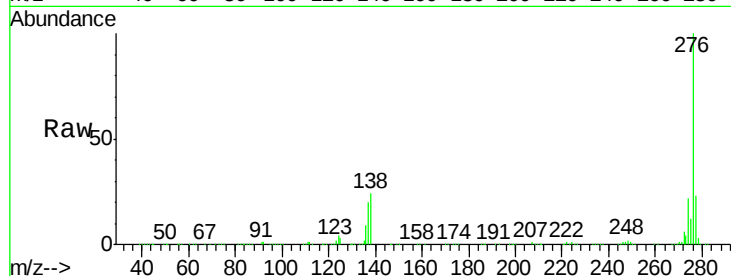
Tot Ion:276 Resp: 996360

Ion Ratio Lower Upper

276 100

277 23.3 19.0 28.4

138 23.8 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

