

Data Path : Z:\HPCHEM1\BNA F\DATA\BF090116\
 Data File : BF089966.D
 Acq On : 1 Sep 2016 12:39
 Operator : UM/SJ
 Sample : PB93161BSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 01 13:55:15 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF083116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 31 11:55:18 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.64	152	192043	20.00	ng	0.00
21) Naphthalene-d8	7.92	136	744970	20.00	ng	-0.01
38) Acenaphthene-d10	9.67	164	355435	20.00	ng	0.00
63) Phenanthrene-d10	11.14	188	647280	20.00	ng	0.00
75) Chrysene-d12	13.76	240	461496	20.00	ng	0.00
86) Perylene-d12	15.10	264	439204	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.22	112	1528534	127.40	ng	0.01
7) Phenol-d6	6.28	99	1798221	123.35	ng	0.01
23) Nitrobenzene-d5	7.21	82	1119799	87.18	ng	0.00
41) 2,4,6-Tribromophenol	10.46	330	402519	114.79	ng	0.00
44) 2-Fluorobiphenyl	9.00	172	1967411	90.86	ng	0.00
78) Terphenyl-d14	12.72	244	1521727	81.45	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.17	88	210005	36.94	ng	99
3) Pyridine	2.80	79	555064	36.60	ng	98
4) n-Nitrosodimethylamine	2.75	42	338480	45.26	ng	97
6) Aniline	6.30	93	545847	27.44	ng	# 61
8) 2-Chlorophenol	6.42	128	560242	43.04	ng	92
9) Benzaldehyde	6.17	77	111323	11.84	ng	88
10) Phenol	6.30	94	578663	34.13	ng	99
11) bis(2-Chloroethyl)ether	6.39	93	594868	46.37	ng	88
12) 1,3-Dichlorobenzene	6.58	146	660473	45.43	ng	99
13) 1,4-Dichlorobenzene	6.65	146	630605	42.40	ng	99
14) 1,2-Dichlorobenzene	6.81	146	620904	46.56	ng	99
15) Benzyl Alcohol	6.79	79	422423	46.25	ng	99
16) 2,2'-oxybis(1-Chloropropan	6.94	45	1096976	44.85	ng	98
17) 2-Methylphenol	6.91	107	515245	49.57	ng	98
18) Hexachloroethane	7.15	117	226017	44.36	ng	96
19) n-Nitroso-di-n-propylamine	7.07	70	428503	45.10	ng	96
20) 3+4-Methylphenols	7.06	107	573421	45.51	ng	96
22) Acetophenone	7.05	105	709078	42.43	ng	# 93
24) Nitrobenzene	7.22	77	571047	41.81	ng	97
25) Isophorone	7.47	82	1155288	44.23	ng	99
26) 2-Nitrophenol	7.54	139	306419	46.94	ng	98
27) 2,4-Dimethylphenol	7.60	122	569060	47.12	ng	94
28) bis(2-Chloroethoxy)methane	7.69	93	766868	48.68	ng	99
29) 2,4-Dichlorophenol	7.79	162	509267	47.04	ng	89
30) 1,2,4-Trichlorobenzene	7.87	180	556090	46.98	ng	100
31) Naphthalene	7.94	128	1561245	42.07	ng	99
32) Benzoic acid	7.72	122	276403	33.98	ng	94
33) 4-Chloroaniline	8.00	127	346188	23.12	ng	96
34) Hexachlorobutadiene	8.07	225	296641	42.77	ng	100
35) Caprolactam	8.38	113	129432	37.88	ng	91
36) 4-Chloro-3-methylphenol	8.49	107	508021	44.31	ng	86
37) 2-Methylnaphthalene	8.64	142	1187820	48.43	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.80	216	409778	39.36	ng	99
40) Hexachlorocyclopentadiene	8.79	237	419204	78.52	ng	94

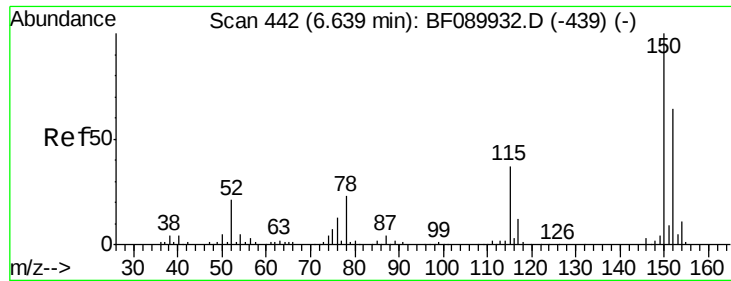
Data Path : Z:\HPCHEM1\BNA F\DATA\BF090116\
 Data File : BF089966.D
 Acq On : 1 Sep 2016 12:39
 Operator : UM/SJ
 Sample : PB93161BSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 01 13:55:15 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF083116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 31 11:55:18 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.91	196	351222	48.67	nq	98
43) 2,4,5-Trichlorophenol	8.96	196	339884	48.98	nq	# 94
45) 1,1'-Biphenyl	9.10	154	1129519	39.47	nq	99
46) 2-Chloronaphthalene	9.12	162	944383	46.65	nq	99
47) 2-Nitroaniline	9.22	65	363275	54.89	nq	# 72
48) Acenaphthylene	9.53	152	1468434	43.87	nq	100
49) Dimethylphthalate	9.42	163	1249562	48.64	nq	# 98
50) 2,6-Dinitrotoluene	9.46	165	256975	44.98	nq	95
51) Acenaphthene	9.70	154	1016602	47.94	nq	100
52) 3-Nitroaniline	9.62	138	189398	29.06	nq	99
53) 2,4-Dinitrophenol	9.74	184	222727	63.17	nq	# 68
54) Dibenzofuran	9.87	168	1307275	46.00	nq	99
55) 4-Nitrophenol	9.80	139	482111	98.08	nq	98
56) 2,4-Dinitrotoluene	9.86	165	310278	42.82	nq	# 84
57) Fluorene	10.22	166	989333	47.64	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.00	232	302621	50.94	nq	96
59) Diethylphthalate	10.10	149	1141388	47.23	nq	99
60) 4-Chlorophenyl-phenylether	10.22	204	479989	49.12	nq	97
61) 4-Nitroaniline	10.24	138	274322	42.84	nq	93
62) Azobenzene	10.36	77	1202367	49.81	nq	99
64) 4,6-Dinitro-2-methylphenol	10.27	198	159661	38.53	nq	# 49
65) n-Nitrosodiphenylamine	10.33	169	885796	45.52	nq	99
66) 4-Bromophenyl-phenylether	10.70	248	308528	47.35	nq	95
67) Hexachlorobenzene	10.75	284	329463	44.26	nq	95
68) Atrazine	10.87	200	348221	53.60	nq	94
69) Pentachlorophenol	10.95	266	329740	82.34	nq	99
70) Phenanthrene	11.16	178	1431987	44.43	nq	100
71) Anthracene	11.21	178	1489171	45.55	nq	100
72) Carbazole	11.37	167	1288008	42.02	nq	99
73) Di-n-butylphthalate	11.72	149	1734368	48.54	nq	# 97
74) Fluoranthene	12.34	202	1448323	42.88	nq	98
76) Benzidine	12.47	184	490392	28.05	nq	95
77) Pyrene	12.57	202	1433948	44.07	nq	98
79) Butylbenzylphthalate	13.20	149	607670	46.31	nq	99
80) Benzo(a)anthracene	13.75	228	1267747	44.85	nq	99
81) 3,3'-Dichlorobenzidine	13.71	252	364414	35.72	nq	99
82) Chrysene	13.78	228	1163083	44.05	nq	99
83) Bis(2-ethylhexyl)phthalate	13.77	149	864651	47.64	nq	99
84) Di-n-octyl phthalate	14.38	149	1495179	51.04	nq	100
85) Indeno(1,2,3-cd)pyrene	16.33	276	1164643	59.66	nq	100
87) Benzo(b)fluoranthene	14.77	252	2349146	85.38	nq	# 97
88) Benzo(k)fluoranthene	14.77	252	2349146	100.62	nq	# 98
89) Benzo(a)pyrene	15.05	252	1150473	48.80	nq	# 97
90) Dibenzo(a,h)anthracene	16.35	278	984011	56.97	nq	99
91) Benzo(g,h,i)perylene	16.71	276	936656	53.87	nq	99

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

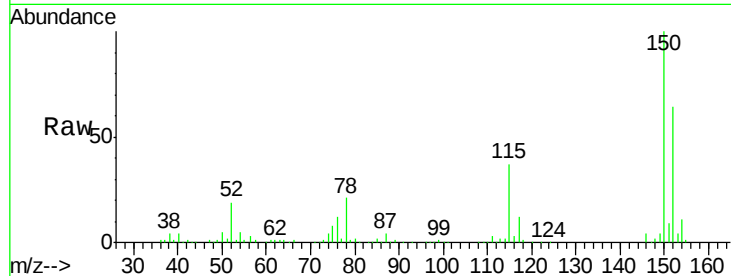


#1

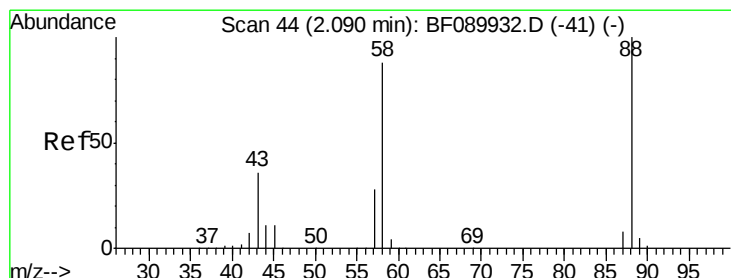
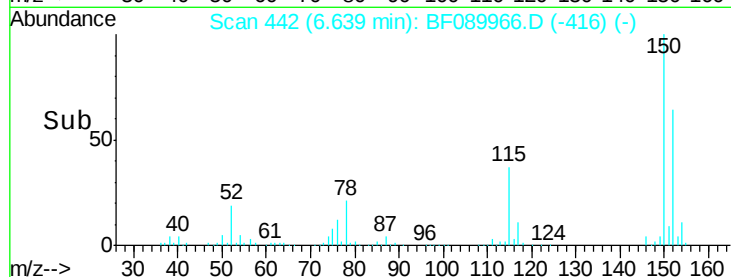
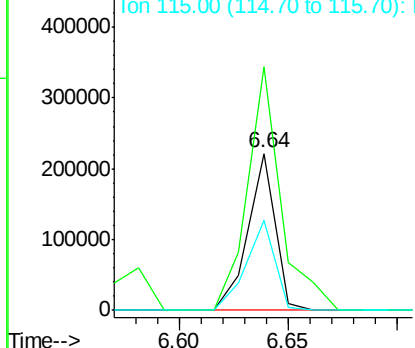
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.64 min Scan# 442
Delta R.T. 0.00 min
Lab File: BF089966.D
Acq: 1 Sep 2016 12:39

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 192043
Ion Ratio Lower Upper
152 100
150 155.1 127.4 191.2
115 57.2 46.3 69.5



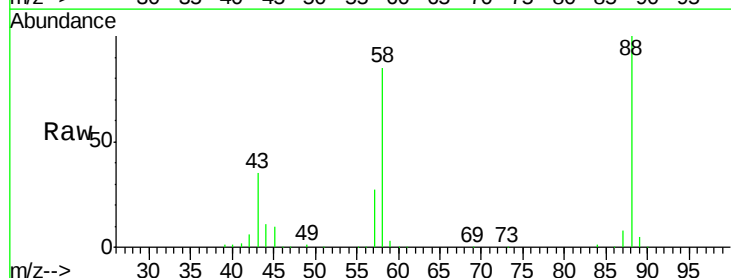
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



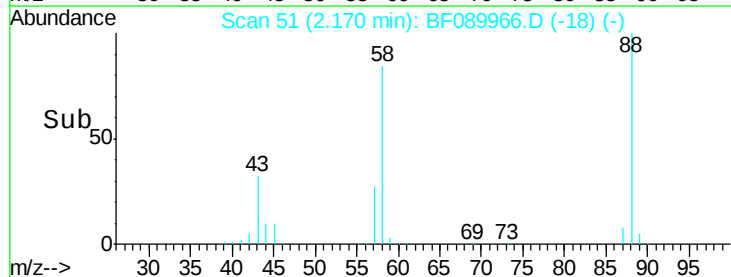
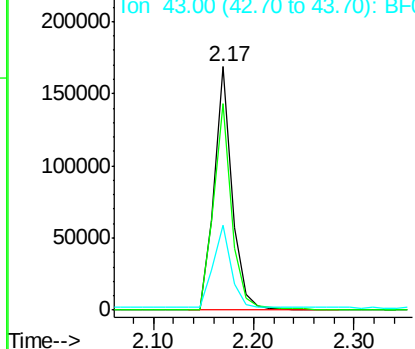
#2

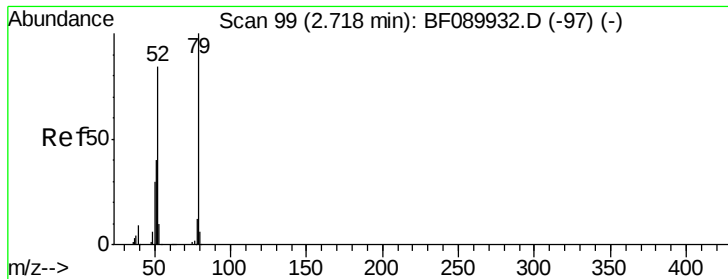
1,4-Dioxane
Concen: 36.94 ng
RT: 2.17 min Scan# 51
Delta R.T. 0.08 min
Lab File: BF089966.D
Acq: 1 Sep 2016 12:39

Tgt Ion: 88 Resp: 210005
Ion Ratio Lower Upper
88 100
58 84.7 68.8 103.2
43 34.0 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

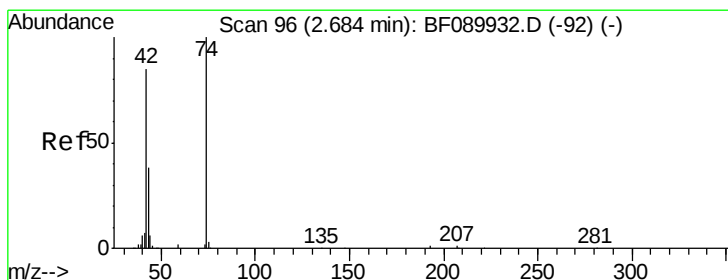
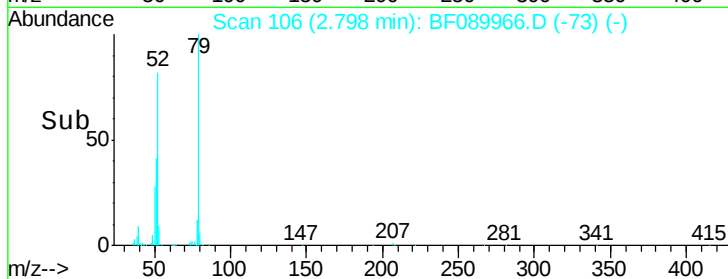
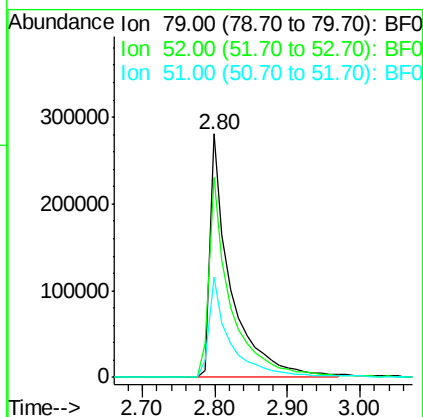
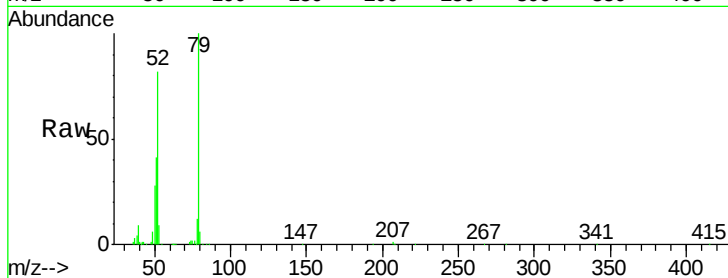




#3
 Pvridine
 Concen: 36.60 ng
 RT: 2.80 min Scan# 106
 Delta R.T. 0.08 min
 Lab File: BF089966.D
 Acq: 1 Sep 2016 12:39

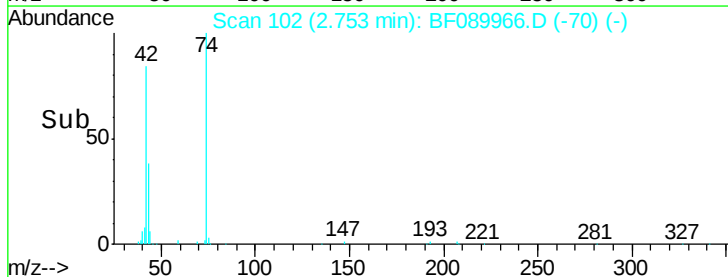
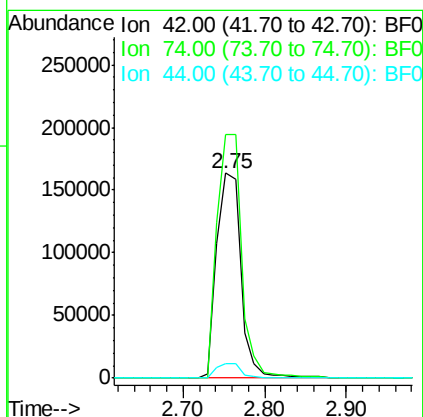
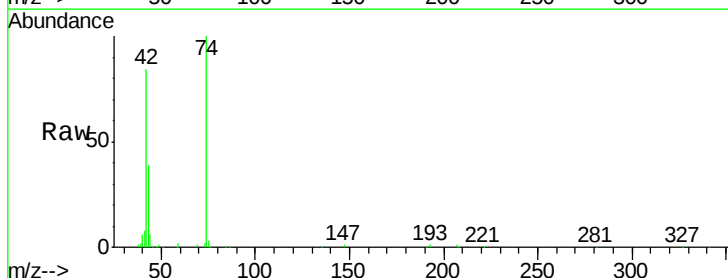
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 79 Resp: 555064
 Ion Ratio Lower Upper
 79 100
 52 82.3 67.8 101.6
 51 41.0 32.9 49.3



#4
 n-Nitrosodimethylamine
 Concen: 45.26 ng
 RT: 2.75 min Scan# 102
 Delta R.T. 0.07 min
 Lab File: BF089966.D
 Acq: 1 Sep 2016 12:39

Tgt Ion: 42 Resp: 338480
 Ion Ratio Lower Upper
 42 100
 74 118.9 92.0 138.0
 44 7.3 5.8 8.8





#5

2-Fluorophenol

Concen: 127.40 ng

RT: 5.22 min Scan# 318

Delta R.T. 0.01 min

Lab File: BF089966.D

Acq: 1 Sep 2016 12:39

Instrument :

BNA_F

ClientSampled :

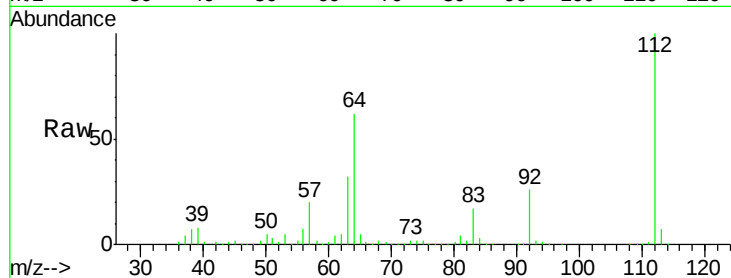
Tot Ion:112 Resp: 1528534

Ion Ratio Lower Upper

112 100

64 61.6 41.1 61.7

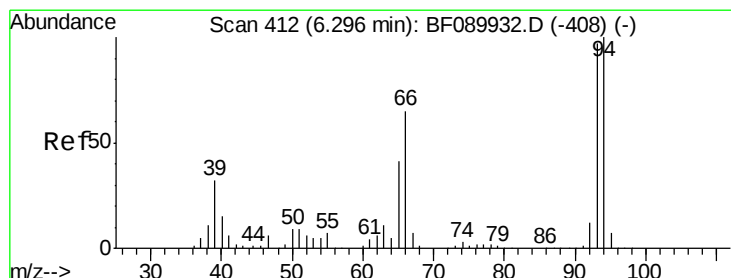
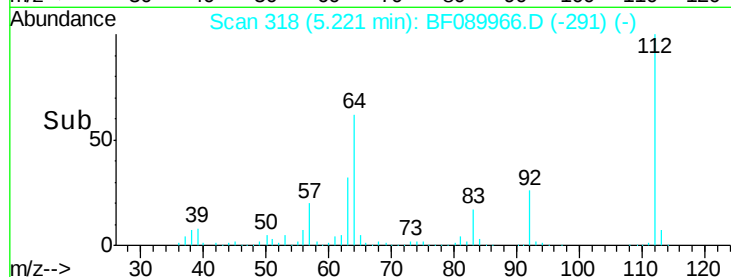
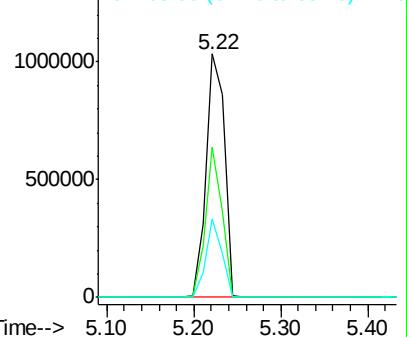
63 32.0 21.2 31.8#



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 27.44 ng

RT: 6.30 min Scan# 412

Delta R.T. 0.00 min

Lab File: BF089966.D

Acq: 1 Sep 2016 12:39

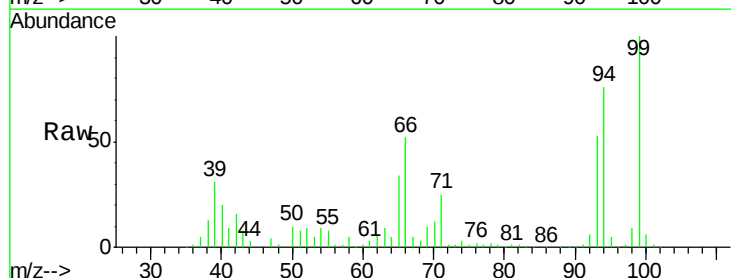
Tgt Ion: 93 Resp: 545847

Ion Ratio Lower Upper

93 100

66 98.8 52.9 79.3#

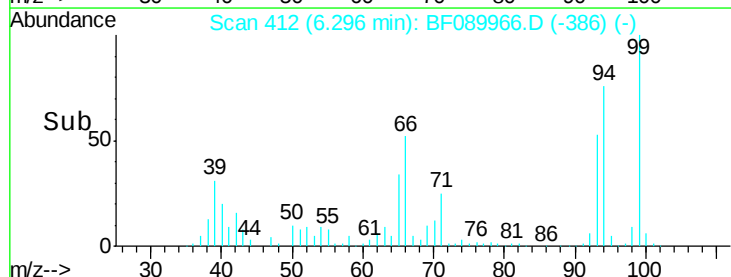
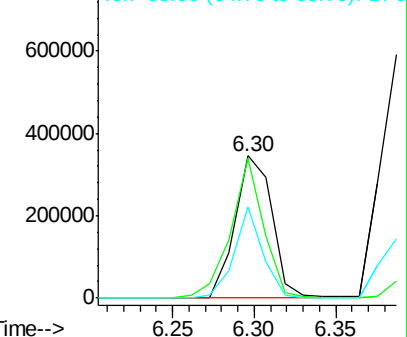
65 63.9 33.0 49.6#

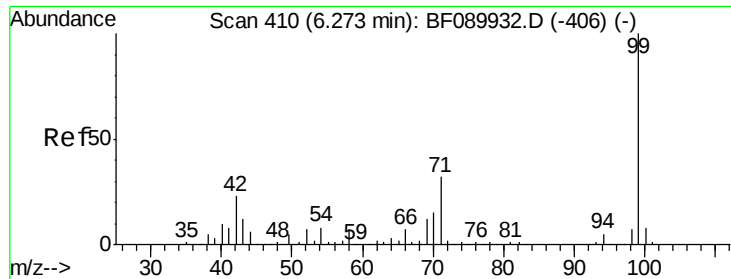


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 123.35 ng

RT: 6.28 min Scan# 411

Delta R.T. 0.01 min

Lab File: BF089966.D

Acq: 1 Sep 2016 12:39

Instrument :

BNA_F

ClientSampleId :

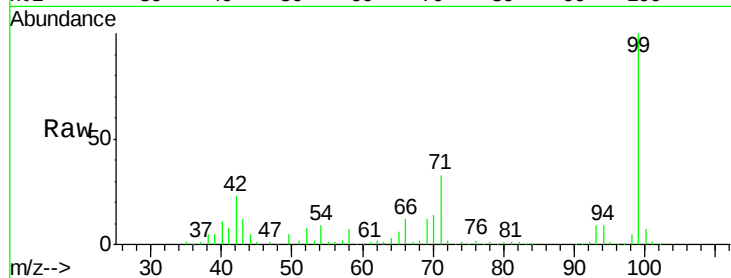
Tot Ion: 99 Resp: 1798221

Ion	Ratio	Lower	Upper
99	100		
42	23.2	18.6	27.8
71	32.9	25.8	38.6

99 100

42 23.2 18.6 27.8

71 32.9 25.8 38.6

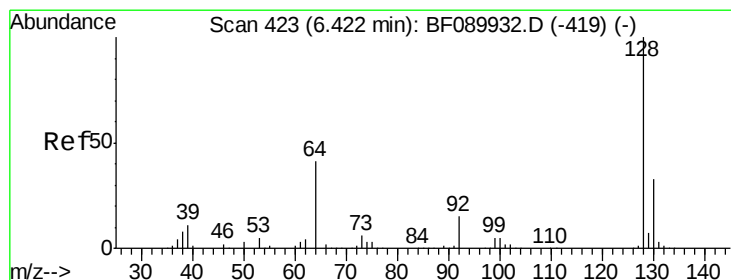
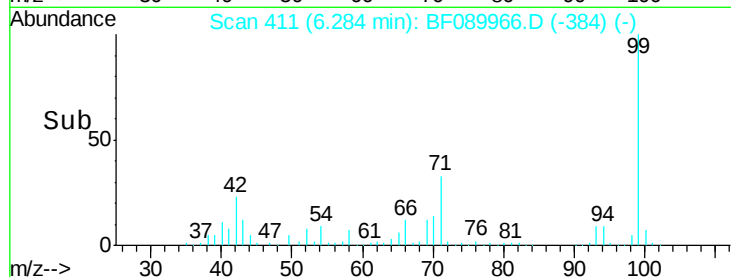
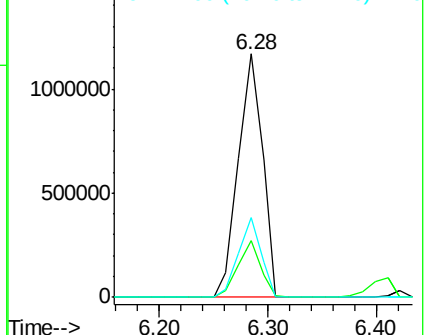


Abundance

Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 43.04 ng

RT: 6.42 min Scan# 423

Delta R.T. 0.00 min

Lab File: BF089966.D

Acq: 1 Sep 2016 12:39

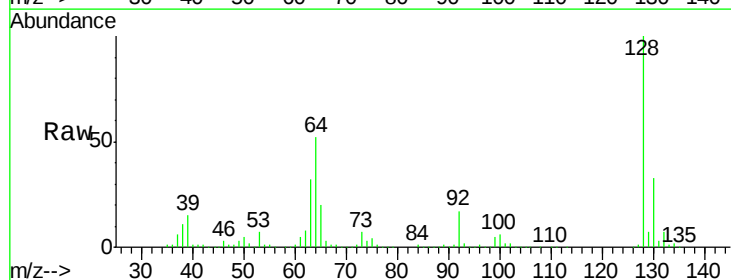
Tgt Ion:128 Resp: 560242

Ion	Ratio	Lower	Upper
128	100		
130	32.9	12.8	52.8
64	51.6	23.2	63.2

128 100

130 32.9 12.8 52.8

64 51.6 23.2 63.2

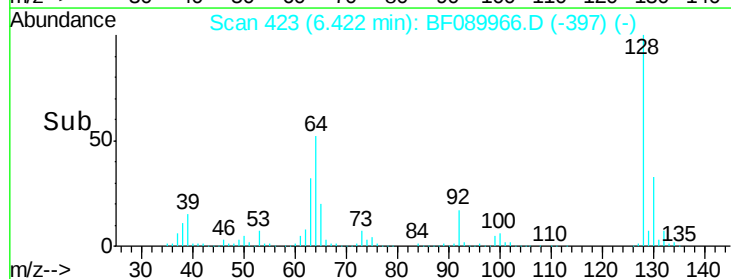
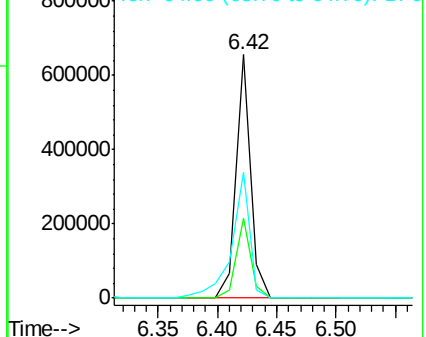


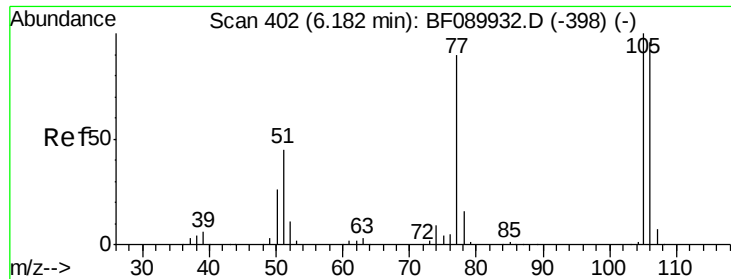
Abundance

Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 11.84 ng

RT: 6.17 min Scan# 401

Delta R.T. -0.01 min

Lab File: BF089966.D

Acq: 1 Sep 2016 12:39

Instrument :

BNA_F

ClientSampleId :

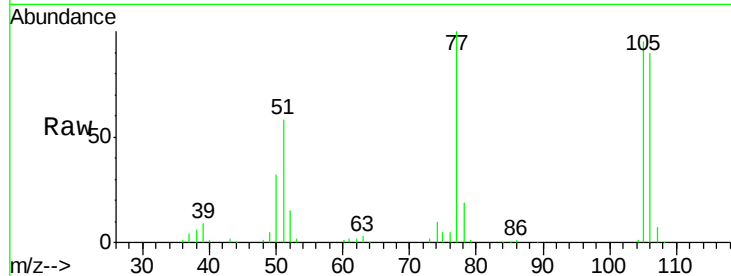
Tot Ion: 77 Resp: 111323

Ion Ratio Lower Upper

77 100

105 95.4 85.4 125.4

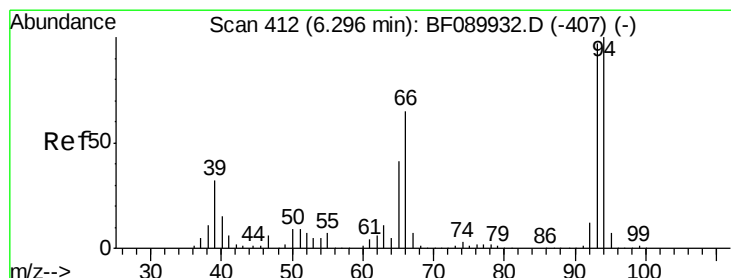
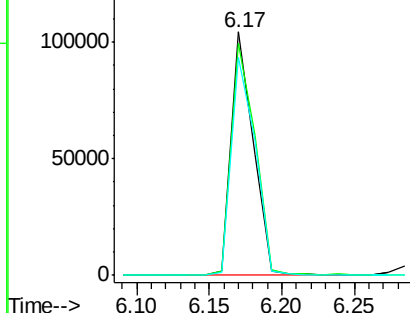
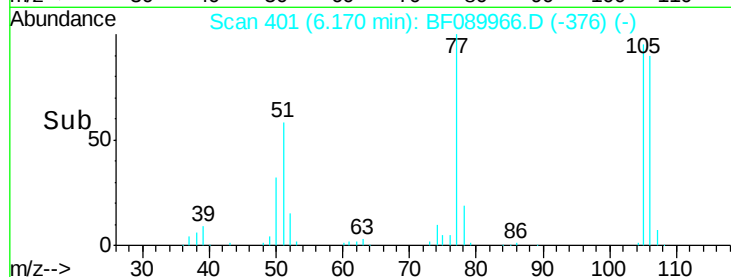
106 89.6 83.4 123.4



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 34.13 ng

RT: 6.30 min Scan# 412

Delta R.T. 0.00 min

Lab File: BF089966.D

Acq: 1 Sep 2016 12:39

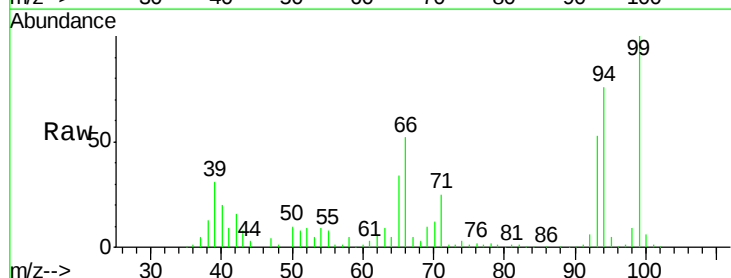
Tgt Ion: 94 Resp: 578663

Ion Ratio Lower Upper

94 100

65 44.3 23.2 63.2

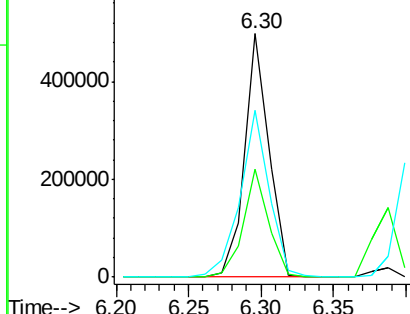
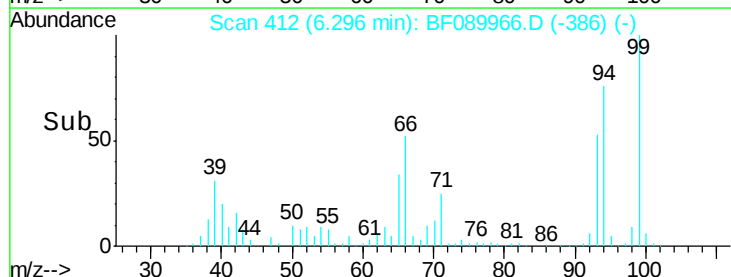
66 68.5 49.2 89.2

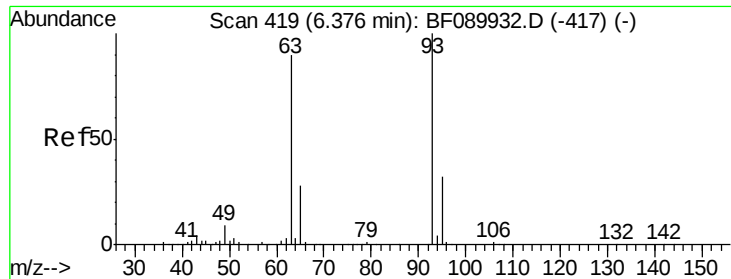


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 46.37 ng

RT: 6.39 min Scan# 420

Delta R.T. 0.01 min

Lab File: BF089966.D

Acq: 1 Sep 2016 12:39

Instrument :

BNA_F

ClientSampleId :

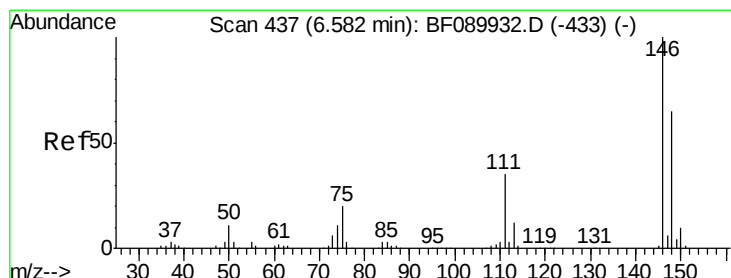
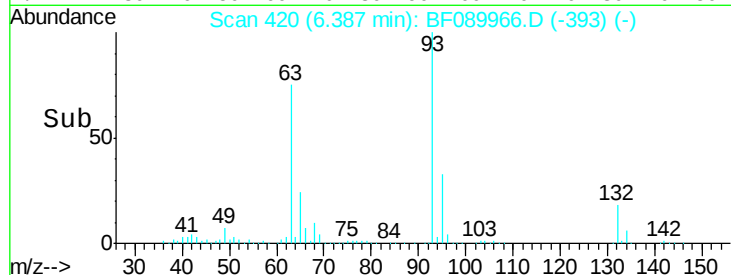
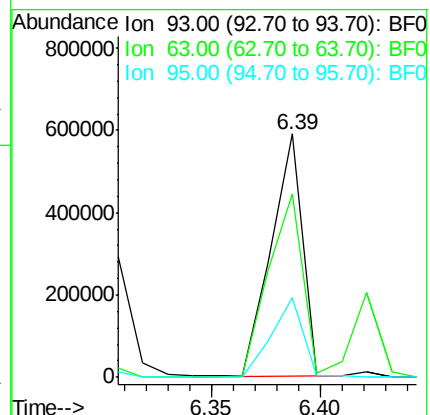
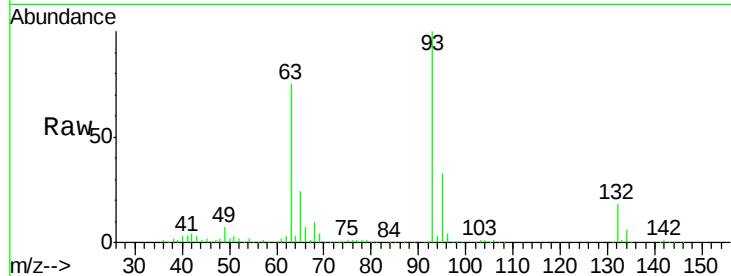
Tot Ion: 93 Resp: 594868

Ion Ratio Lower Upper

93 100

63 75.4 71.1 111.1

95 32.5 12.4 52.4



#12

1,3-Dichlorobenzene

Concen: 45.43 ng

RT: 6.58 min Scan# 437

Delta R.T. 0.00 min

Lab File: BF089966.D

Acq: 1 Sep 2016 12:39

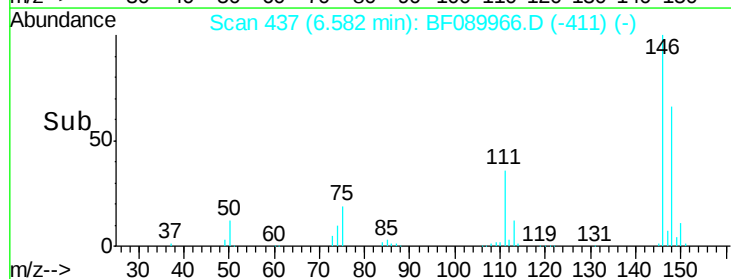
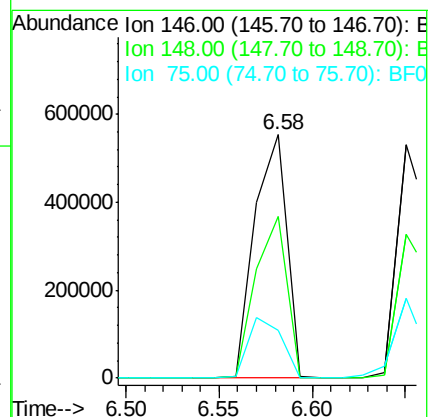
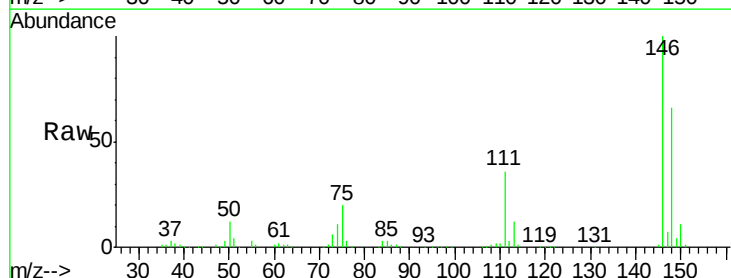
Tgt Ion: 146 Resp: 660473

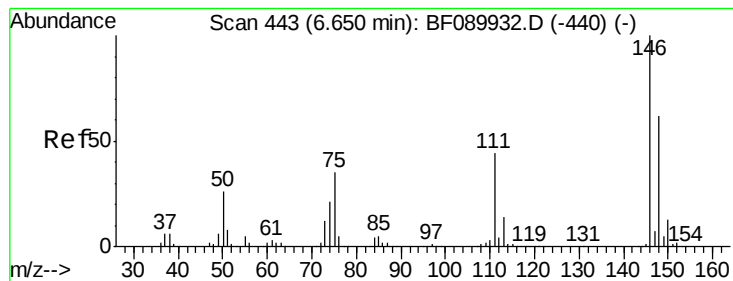
Ion Ratio Lower Upper

146 100

148 66.2 52.5 78.7

75 19.8 16.6 24.8





#13

1,4-Dichlorobenzene

Concen: 42.40 ng

RT: 6.65 min Scan# 443

Delta R.T. 0.00 min

Lab File: BF089966.D

Acq: 1 Sep 2016 12:39

Instrument :

BNA_F

ClientSampleId :

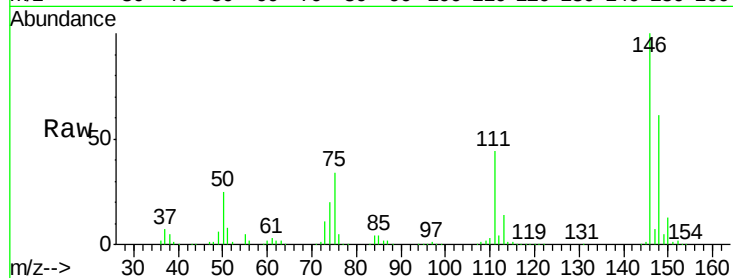
Tot Ion:146 Resp: 630605

Ion Ratio Lower Upper

146 100

148 61.4 50.1 75.1

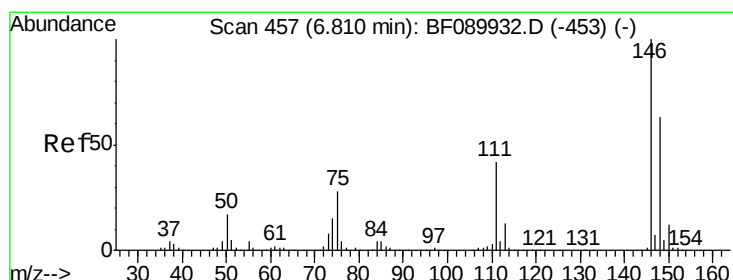
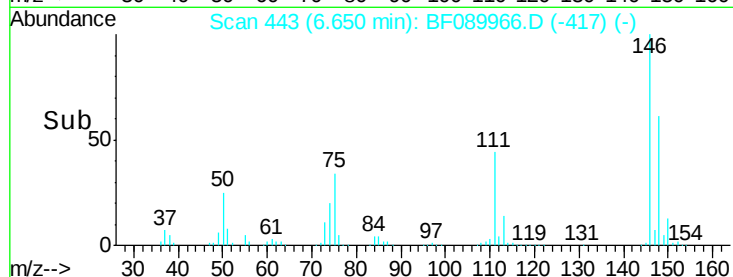
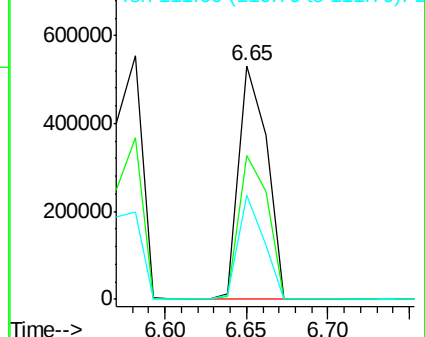
111 44.3 35.8 53.6



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 46.56 ng

RT: 6.81 min Scan# 457

Delta R.T. 0.00 min

Lab File: BF089966.D

Acq: 1 Sep 2016 12:39

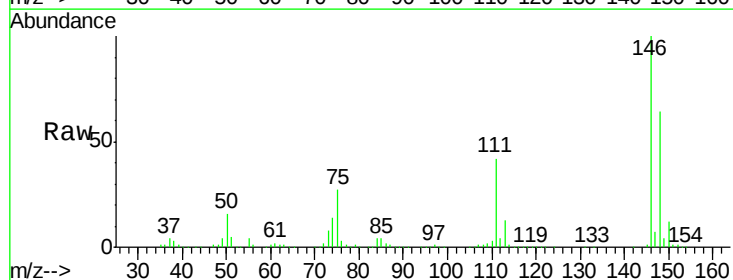
Tgt Ion:146 Resp: 620904

Ion Ratio Lower Upper

146 100

148 63.9 51.4 77.2

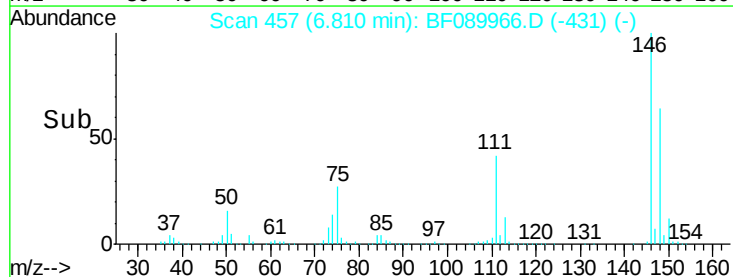
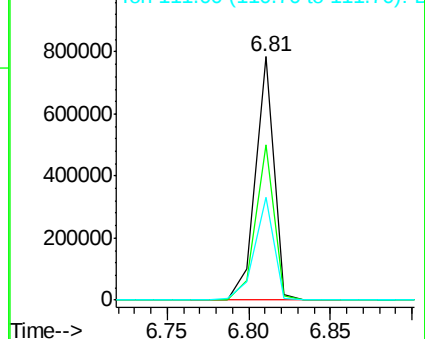
111 42.2 34.6 51.8



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 46.25 ng

RT: 6.79 min Scan# 455

Delta R.T. 0.00 min

Lab File: BF089966.D

Acq: 1 Sep 2016 12:39

Instrument :
BNA_F
ClientSampled :

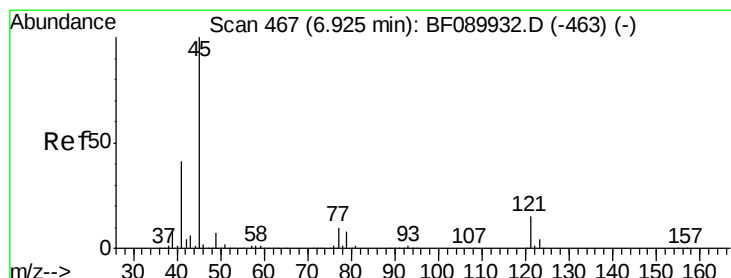
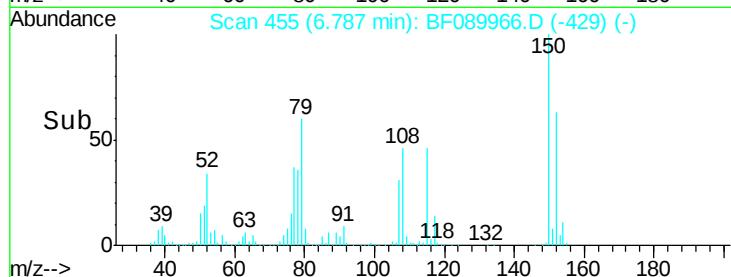
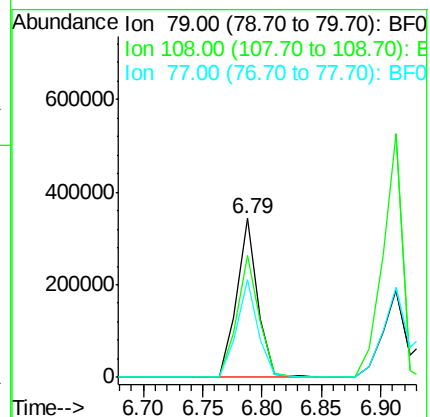
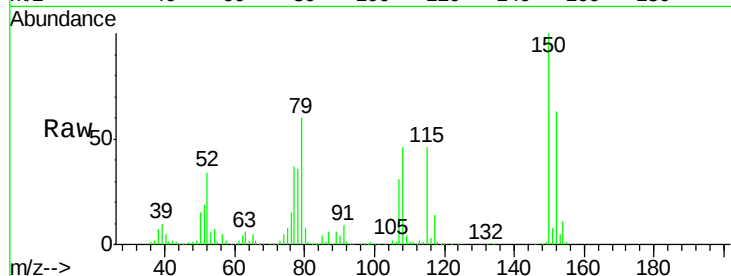
Tot Ion: 79 Resp: 422423

Ion Ratio Lower Upper

79 100

108 77.2 62.1 93.1

77 61.8 50.1 75.1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 44.85 ng

RT: 6.94 min Scan# 468

Delta R.T. 0.01 min

Lab File: BF089966.D

Acq: 1 Sep 2016 12:39

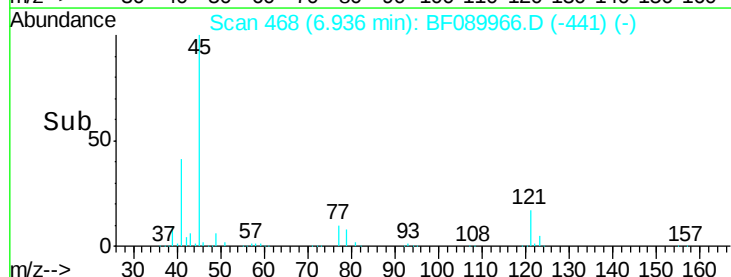
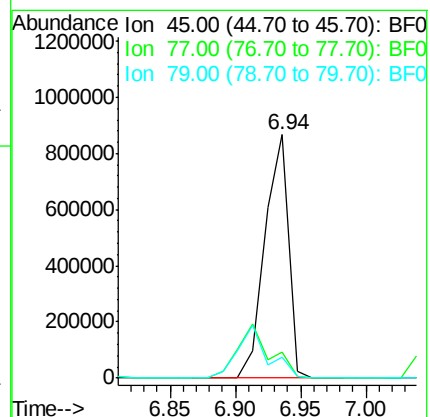
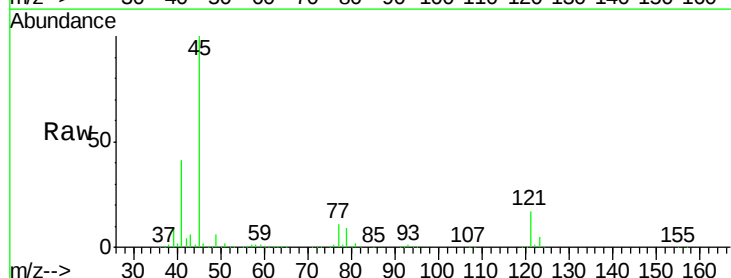
Tgt Ion: 45 Resp: 1096976

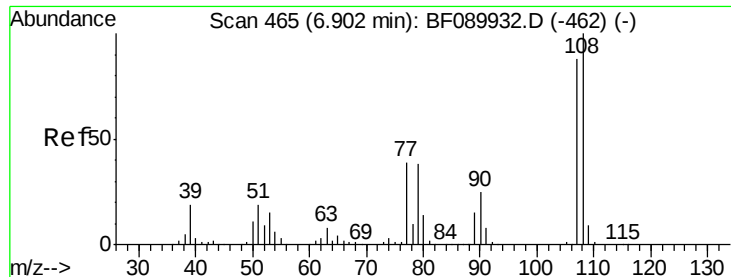
Ion Ratio Lower Upper

45 100

77 10.7 0.0 30.3

79 8.8 0.0 27.5





#17

2-Methylphenol

Concen: 49.57 ng

RT: 6.91 min Scan# 466

Delta R.T. 0.01 min

Lab File: BF089966.D

Acq: 1 Sep 2016 12:39

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 515245

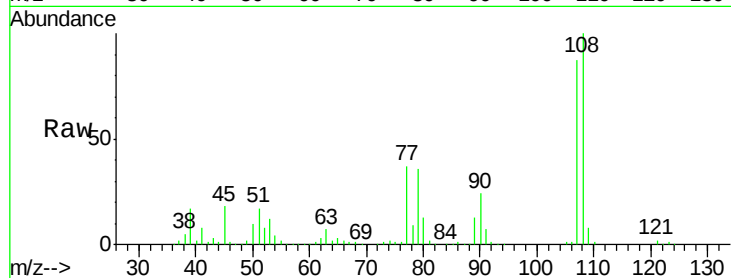
Ion Ratio Lower Upper

107 100

108 115.1 91.8 137.6

77 42.3 36.0 54.0

79 41.3 35.9 53.9

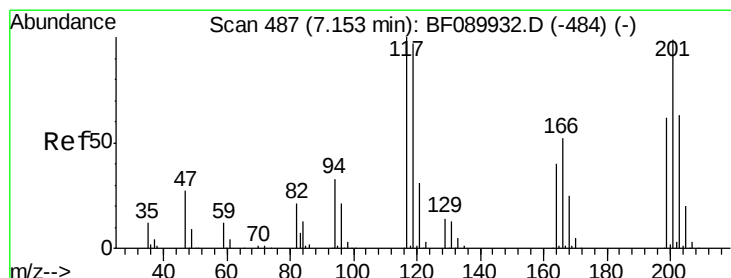
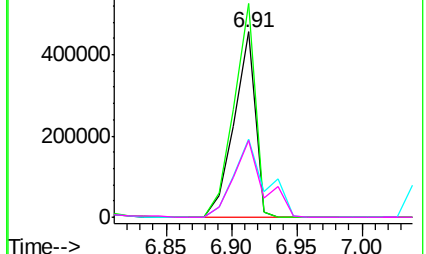
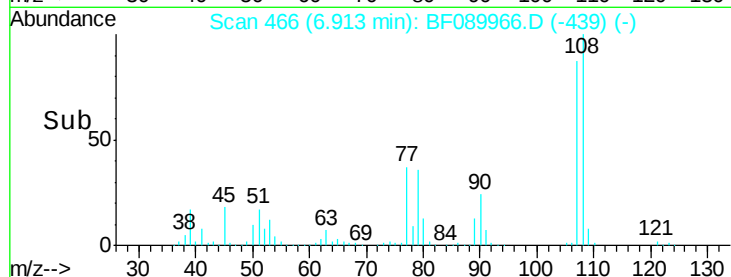


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 44.36 ng

RT: 7.15 min Scan# 487

Delta R.T. 0.00 min

Lab File: BF089966.D

Acq: 1 Sep 2016 12:39

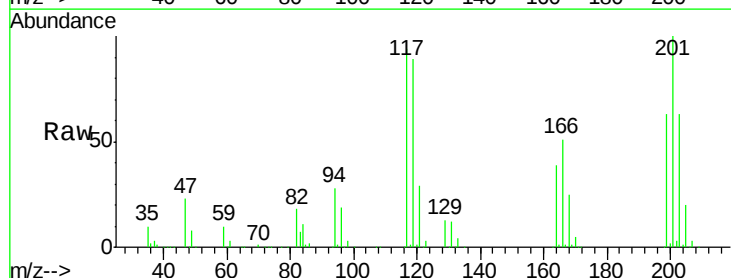
Tgt Ion:117 Resp: 226017

Ion Ratio Lower Upper

117 100

119 95.5 76.2 114.2

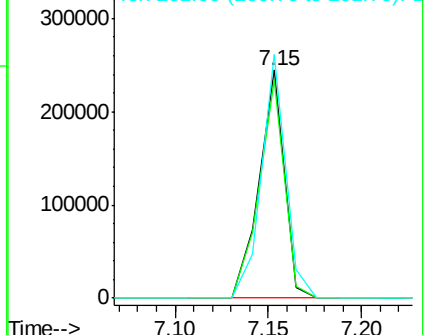
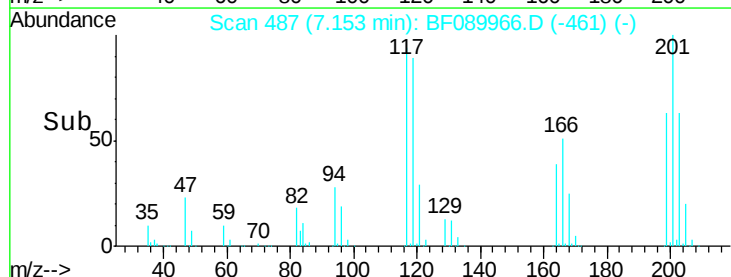
201 106.8 80.2 120.2

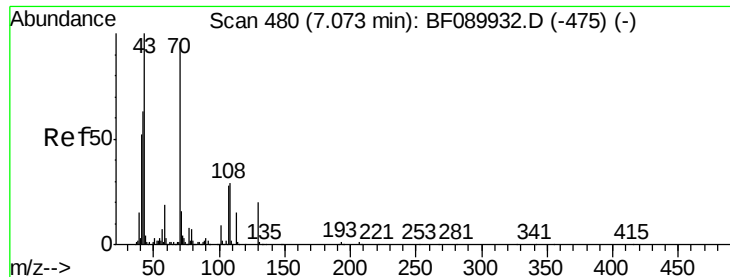


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

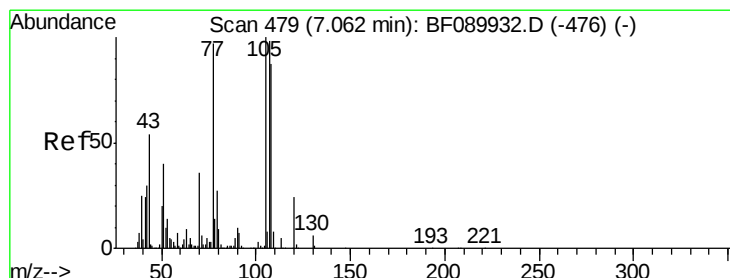
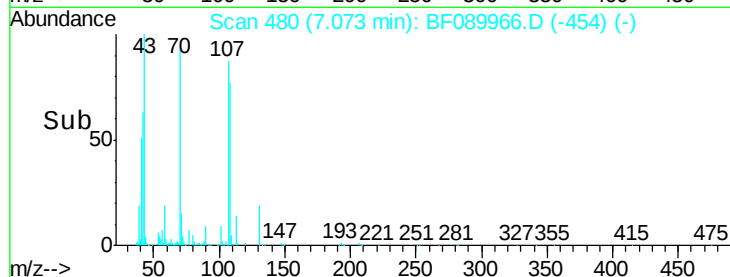
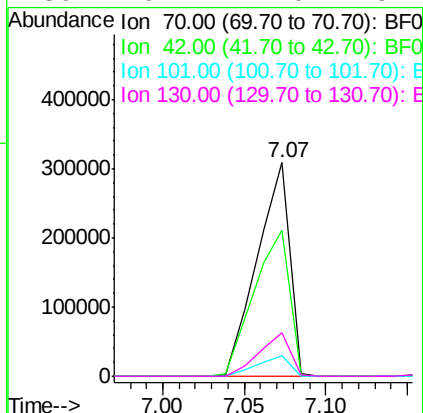
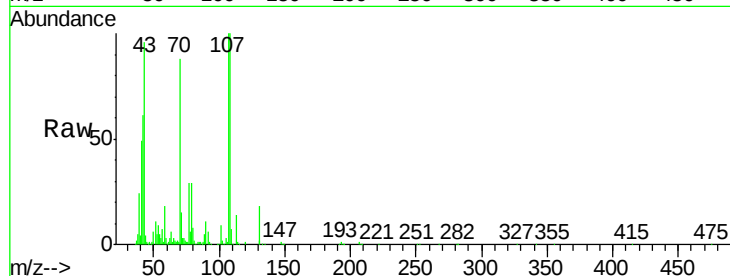




#19
n-Nitroso-di-n-propylamine
Concen: 45.10 ng
RT: 7.07 min Scan# 480
Delta R.T. 0.00 min
Lab File: BF089966.D
Acq: 1 Sep 2016 12:39

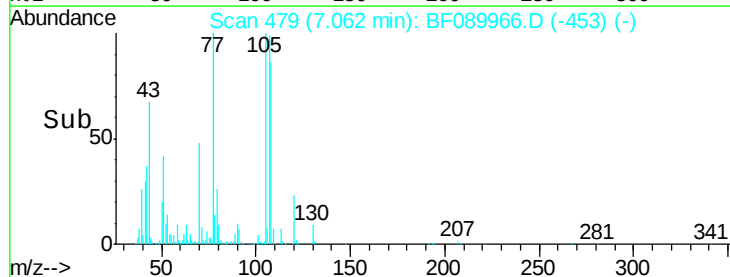
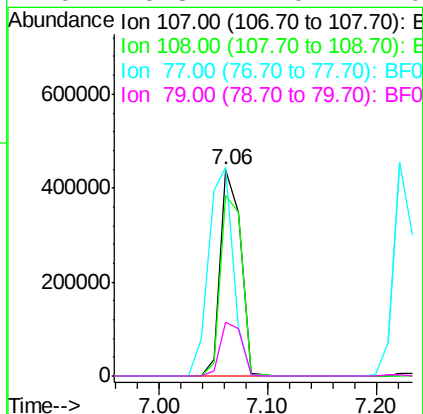
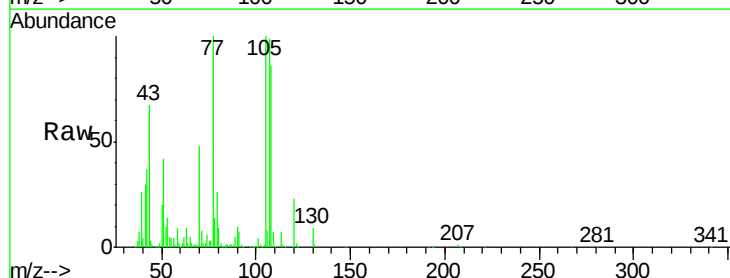
Instrument :
BNA_F
ClientSampleId :

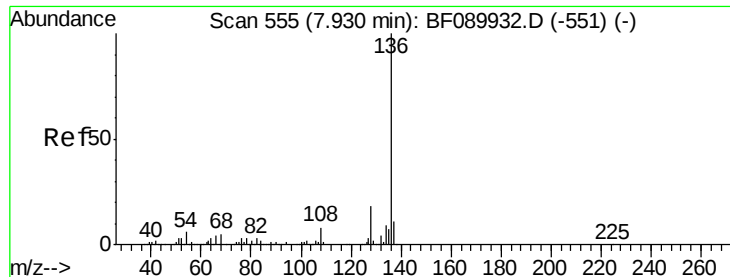
Tot Ion: 70 Resp: 428503
Ion Ratio Lower Upper
70 100
42 68.6 52.1 78.1
101 9.8 7.4 11.2
130 20.1 17.0 25.4



#20
3+4-Methylphenols
Concen: 45.51 ng
RT: 7.06 min Scan# 479
Delta R.T. 0.00 min
Lab File: BF089966.D
Acq: 1 Sep 2016 12:39

Tgt Ion: 107 Resp: 573421
Ion Ratio Lower Upper
107 100
108 87.1 70.2 110.2
77 101.3 75.7 115.7
79 26.3 7.0 47.0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.92 min Scan# 554

Delta R.T. -0.01 min

Lab File: BF089966.D

Acq: 1 Sep 2016 12:39

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 744970

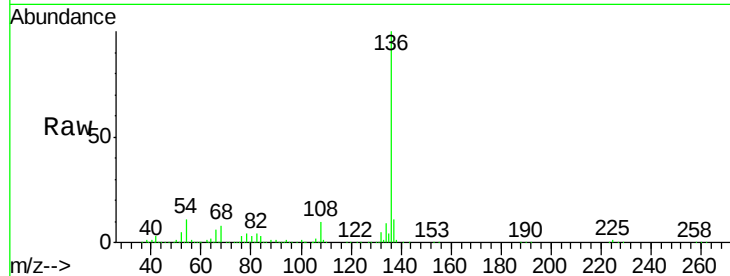
Ion Ratio Lower Upper

136 100

137 11.3 8.3 12.5

54 10.9 4.8 7.2#

68 7.5 3.7 5.5#

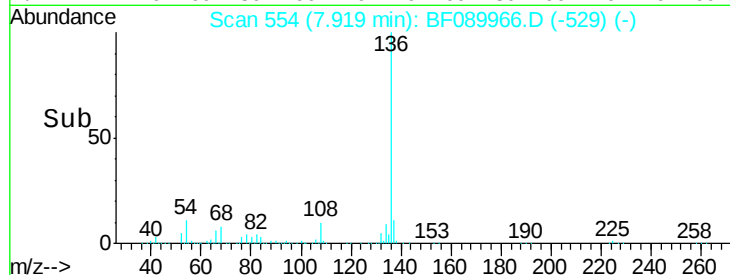


Abundance Ion 136.00 (135.70 to 136.70): E

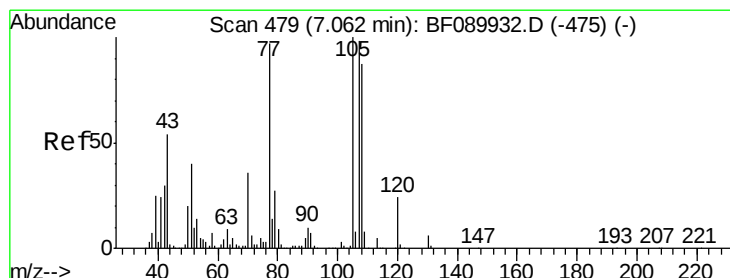
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time--> 7.85 7.90 7.95



#22

Acetophenone

Concen: 42.43 ng

RT: 7.05 min Scan# 478

Delta R.T. -0.01 min

Lab File: BF089966.D

Acq: 1 Sep 2016 12:39

Tgt Ion:105 Resp: 709078

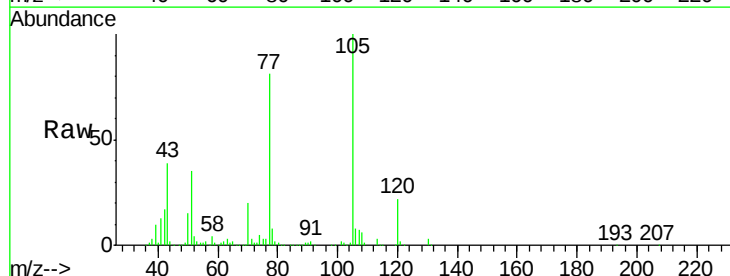
Ion Ratio Lower Upper

105 100

71 3.3 5.3 7.9#

51 34.5 32.6 48.8

120 22.2 18.6 28.0

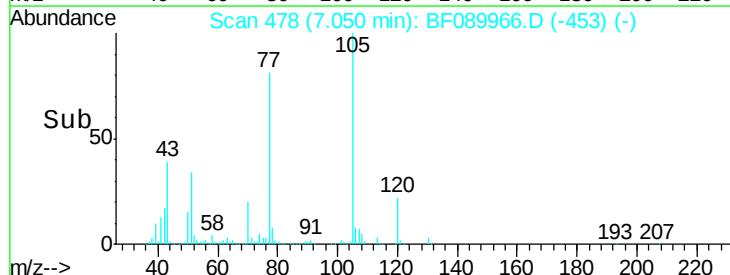


Abundance Ion 105.00 (104.70 to 105.70): E

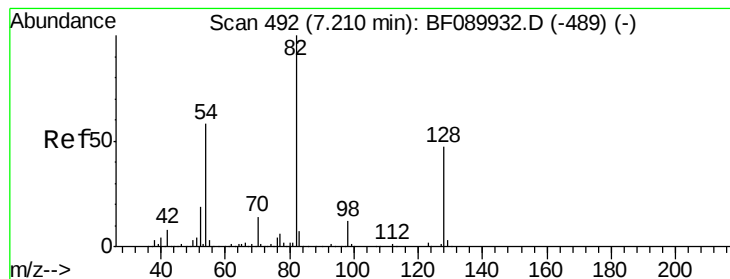
Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



Time--> 6.95 7.00 7.05 7.10 7.15



#23

Nitrobenzene-d5

Concen: 87.18 ng

RT: 7.21 min Scan# 492

Delta R.T. 0.00 min

Lab File: BF089966.D

Acq: 1 Sep 2016 12:39

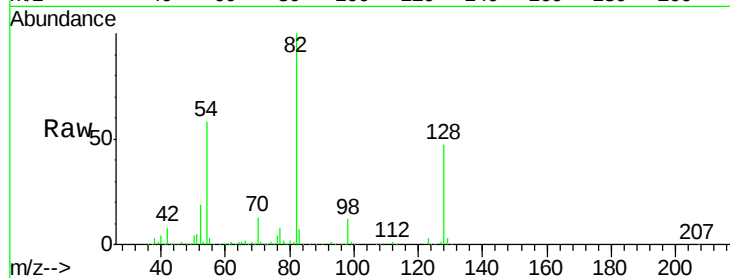
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 82 Resp: 1119799

Ion	Ratio	Lower	Upper
82	100		
128	46.8	37.8	56.8
54	58.1	46.9	70.3

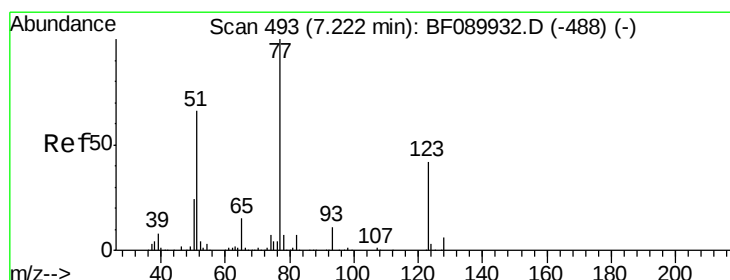
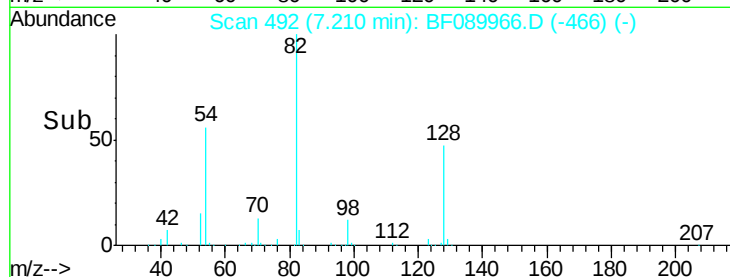
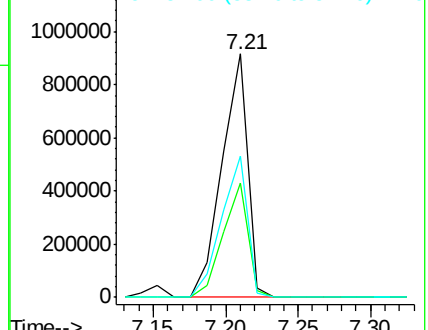


Abundance

Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#24

Nitrobenzene

Concen: 41.81 ng

RT: 7.22 min Scan# 493

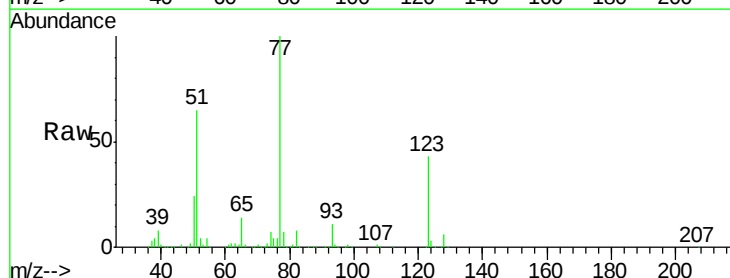
Delta R.T. 0.00 min

Lab File: BF089966.D

Acq: 1 Sep 2016 12:39

Tgt Ion: 77 Resp: 571047

Ion	Ratio	Lower	Upper
77	100		
123	42.8	32.0	48.0
65	14.2	11.2	16.8

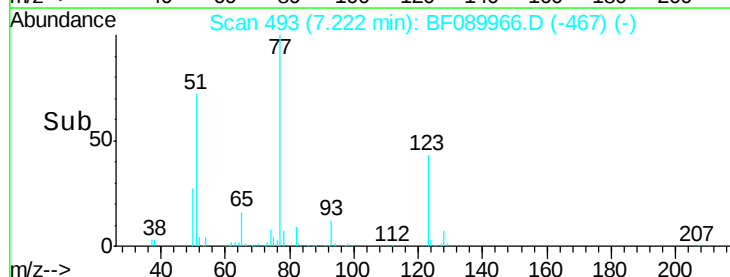
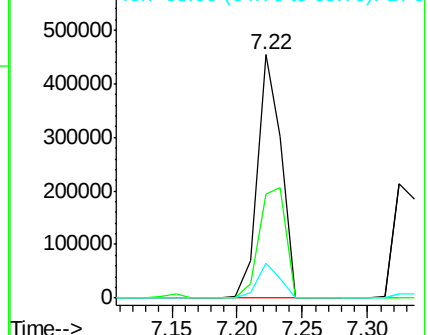


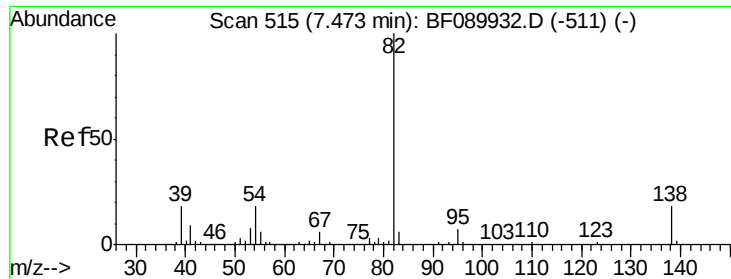
Abundance

Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 44.23 ng

RT: 7.47 min Scan# 515

Delta R.T. 0.00 min

Lab File: BF089966.D

Acq: 1 Sep 2016 12:39

Instrument :

BNA_F

ClientSampleId :

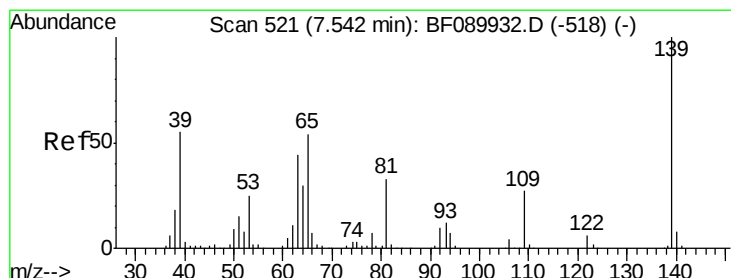
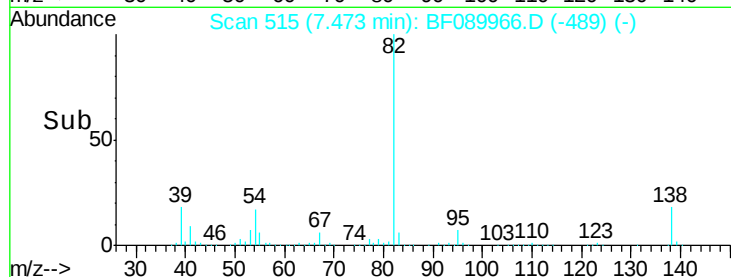
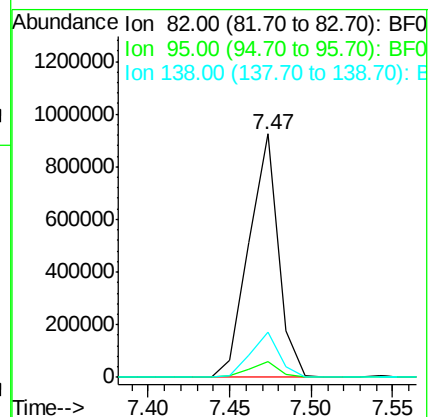
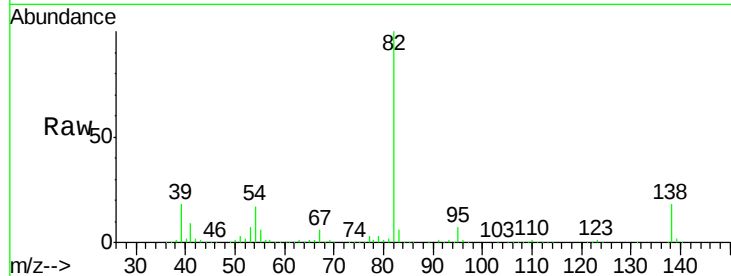
Tot Ion: 82 Resp: 1155288

Ion Ratio Lower Upper

82 100

95 6.7 5.5 8.3

138 18.4 14.4 21.6



#26

2-Nitrophenol

Concen: 46.94 ng

RT: 7.54 min Scan# 521

Delta R.T. 0.00 min

Lab File: BF089966.D

Acq: 1 Sep 2016 12:39

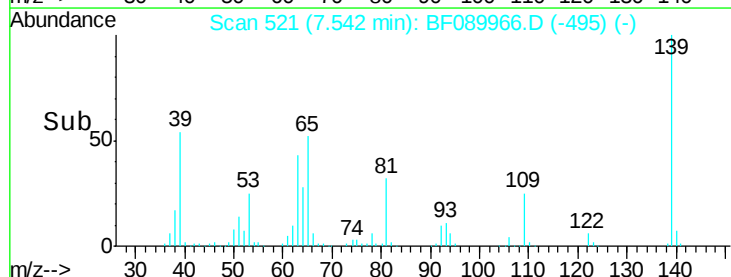
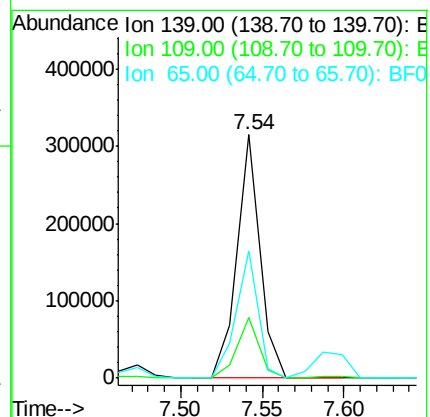
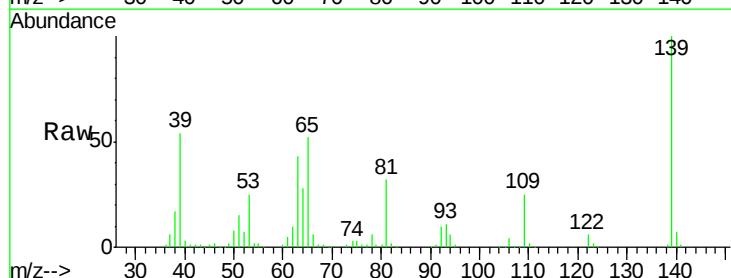
Tgt Ion: 139 Resp: 306419

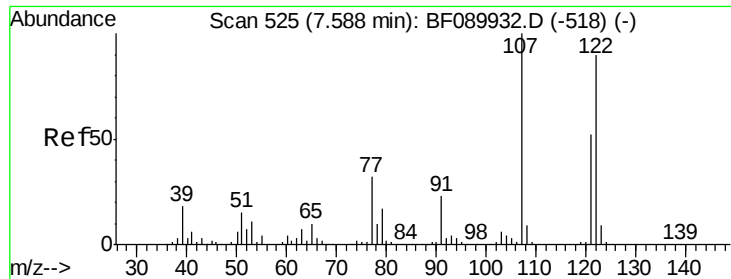
Ion Ratio Lower Upper

139 100

109 25.1 21.0 31.4

65 52.4 43.4 65.0





#27

2,4-Dimethylphenol

Concen: 47.12 ng

RT: 7.60 min Scan# 526

Delta R.T. 0.01 min

Lab File: BF089966.D

Acq: 1 Sep 2016 12:39

Instrument :

BNA_F

ClientSampleId :

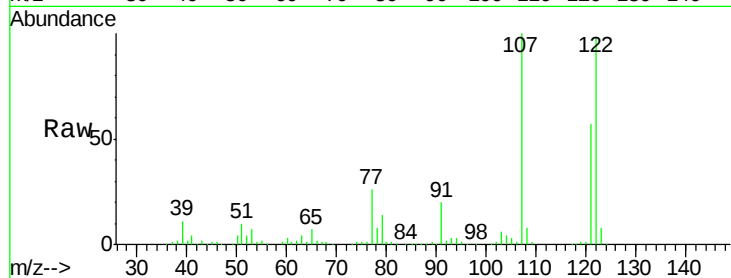
Tot Ion:122 Resp: 569060

Ion Ratio Lower Upper

122 100

107 101.8 88.5 132.7

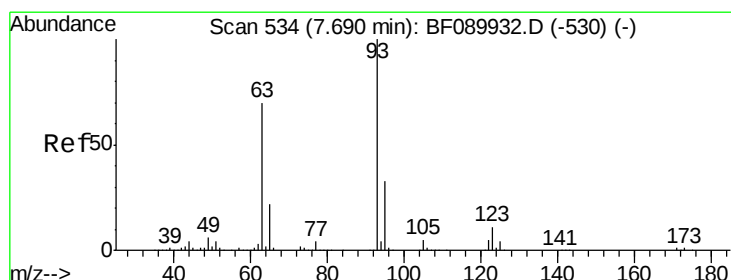
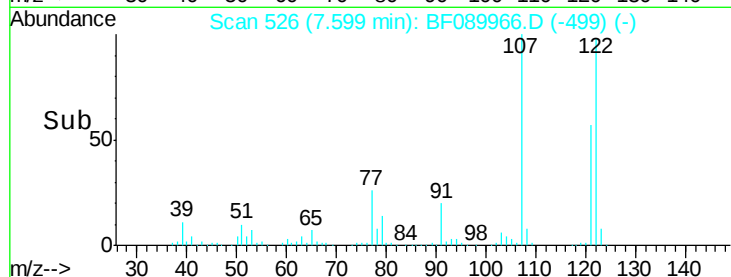
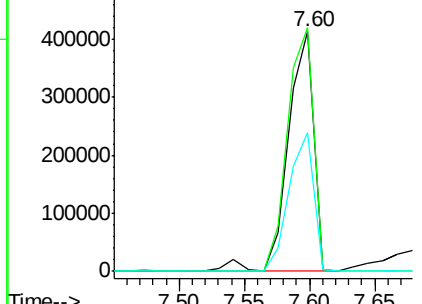
121 57.7 46.0 69.0



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: 48.68 ng

RT: 7.69 min Scan# 534

Delta R.T. 0.00 min

Lab File: BF089966.D

Acq: 1 Sep 2016 12:39

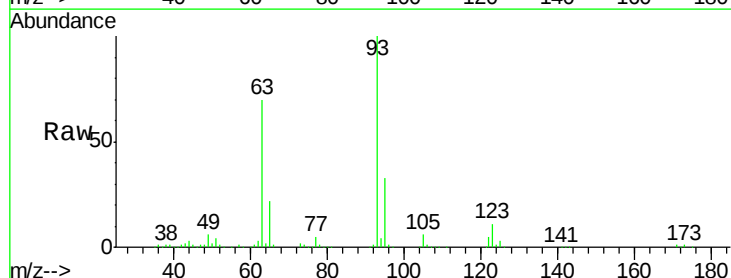
Tgt Ion: 93 Resp: 766868

Ion Ratio Lower Upper

93 100

95 32.9 26.6 40.0

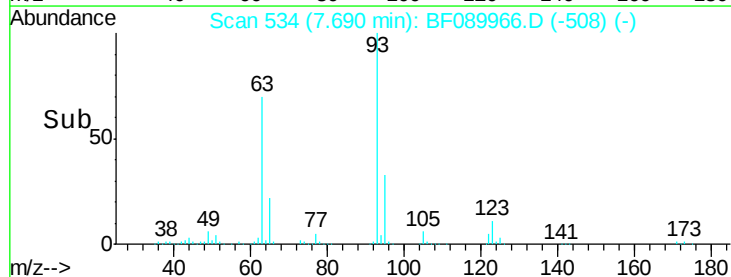
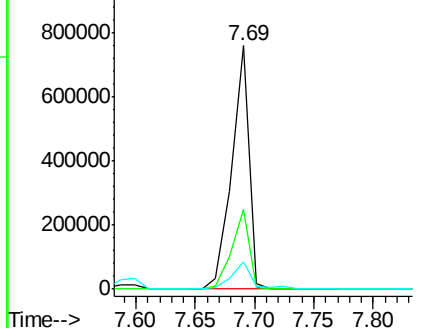
123 11.0 9.1 13.7

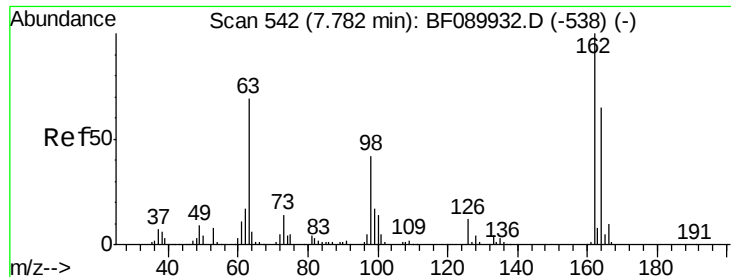


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 47.04 ng

RT: 7.79 min Scan# 543

Delta R.T. 0.01 min

Lab File: BF089966.D

Acq: 1 Sep 2016 12:39

Instrument :

BNA_F

ClientSampleId :

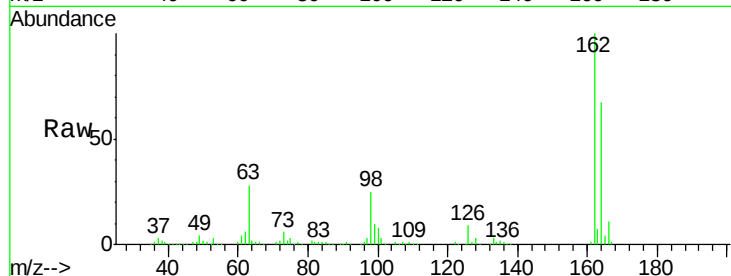
Tot Ion:162 Resp: 509267

Ion Ratio Lower Upper

162 100

164 67.4 46.6 86.6

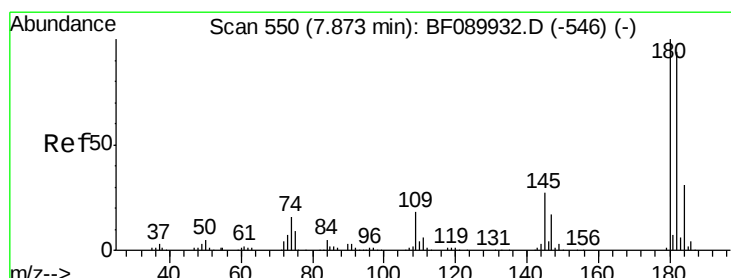
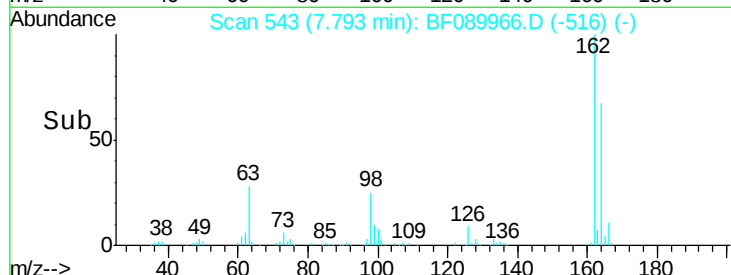
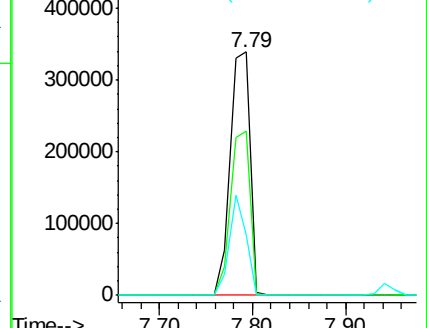
98 24.8 22.0 62.0



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: 46.98 ng

RT: 7.87 min Scan# 550

Delta R.T. 0.00 min

Lab File: BF089966.D

Acq: 1 Sep 2016 12:39

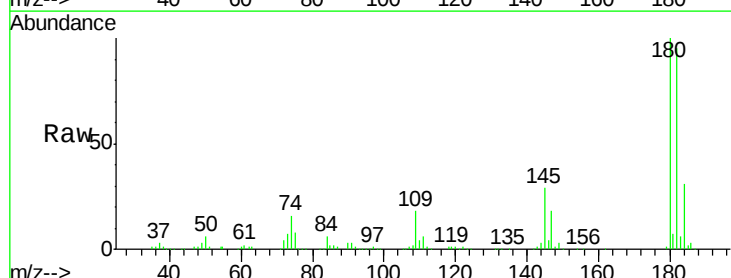
Tgt Ion:180 Resp: 556090

Ion Ratio Lower Upper

180 100

182 95.3 76.2 114.2

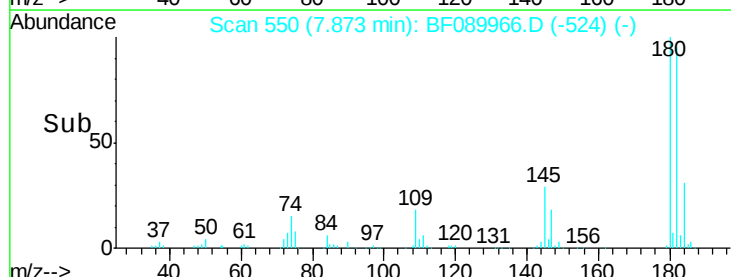
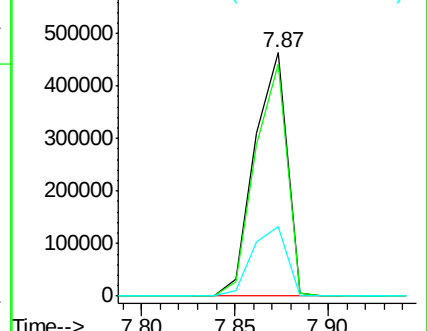
145 28.6 22.2 33.4

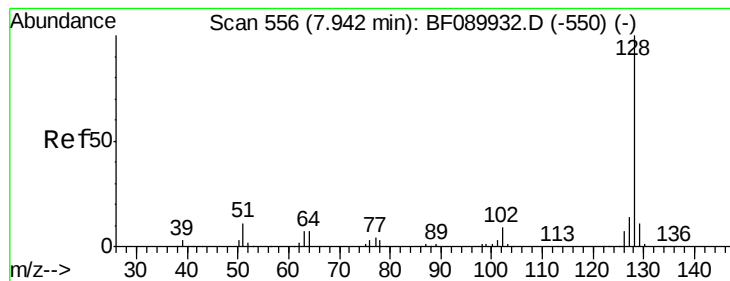


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 42.07 ng

RT: 7.94 min Scan# 556

Delta R.T. 0.00 min

Lab File: BF089966.D

Acq: 1 Sep 2016 12:39

Instrument :

BNA_F

ClientSampleId :

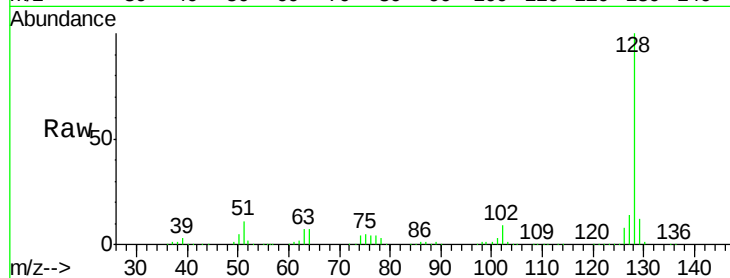
Tot Ion:128 Resp: 1561245

Ion Ratio Lower Upper

128 100

129 11.9 9.4 14.0

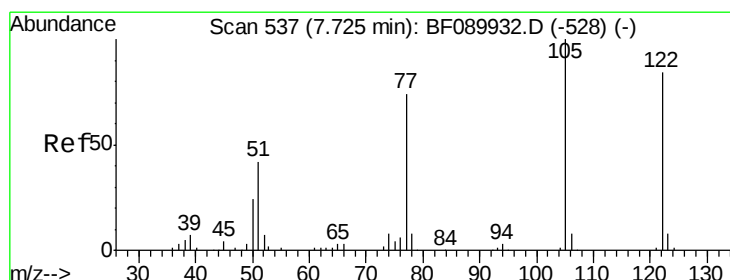
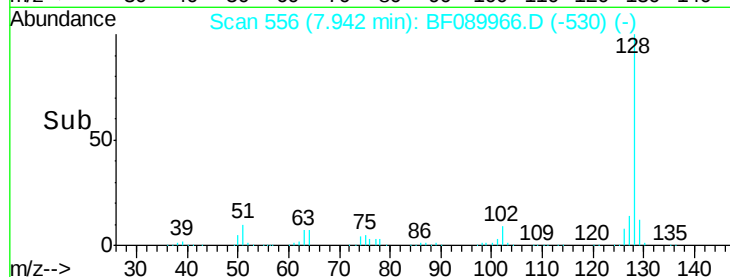
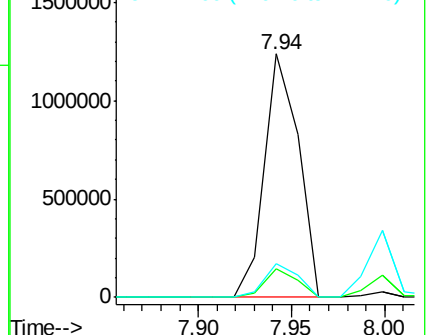
127 13.6 10.7 16.1



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 33.98 ng

RT: 7.72 min Scan# 537

Delta R.T. 0.00 min

Lab File: BF089966.D

Acq: 1 Sep 2016 12:39

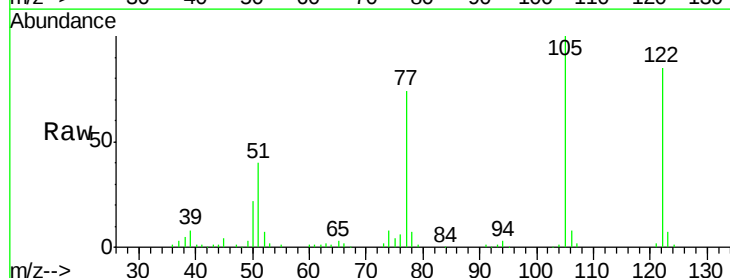
Tgt Ion:122 Resp: 276403

Ion Ratio Lower Upper

122 100

105 117.1 102.2 142.2

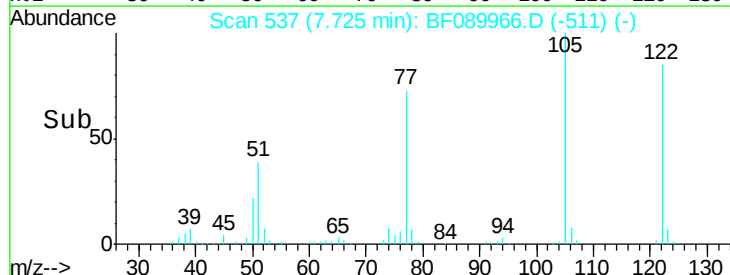
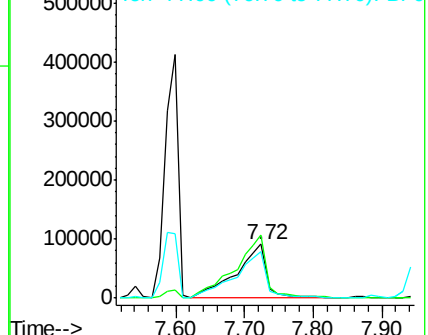
77 86.7 74.1 114.1



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

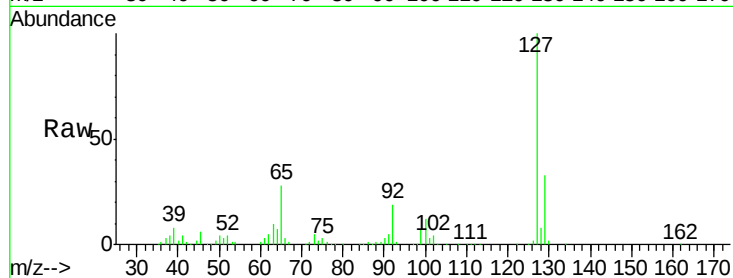




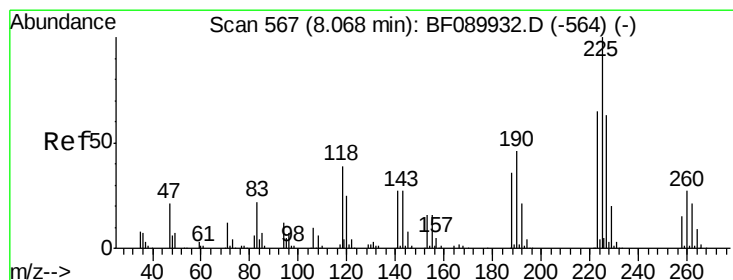
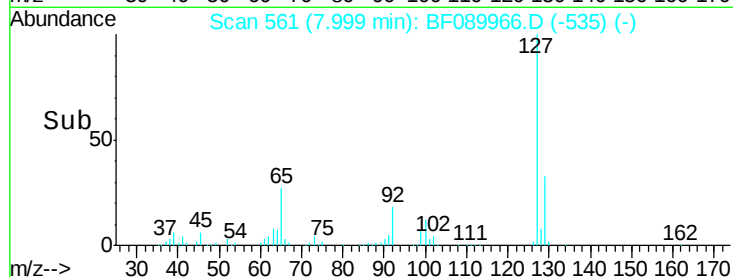
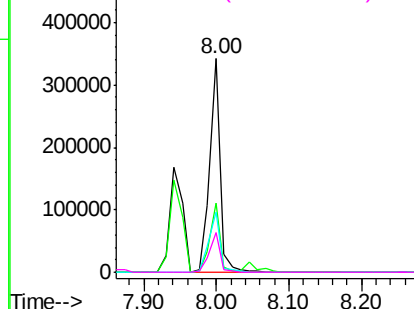
#33
4-Chloroaniline
Concen: 23.12 ng
RT: 8.00 min Scan# 561
Delta R.T. 0.00 min
Lab File: BF089966.D
Acq: 1 Sep 2016 12:39

Instrument :
BNA_F
ClientSampled :

Tot Ion:	127	Resp:	346188
Ion	Ratio	Lower	Upper
127	100		
129	32.6	25.9	38.9
65	28.1	26.0	39.0
92	18.6	15.9	23.9

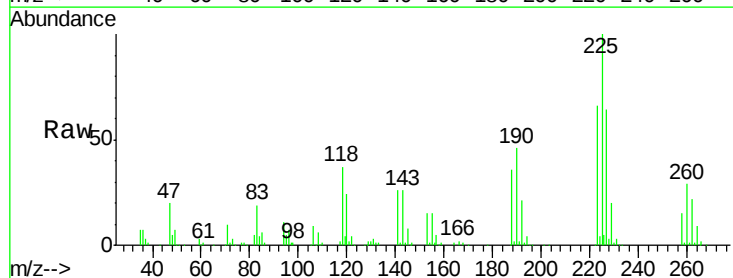


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

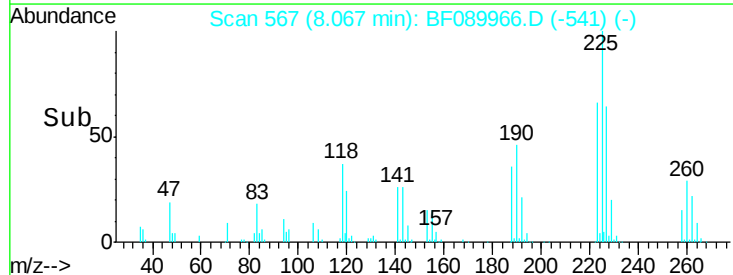
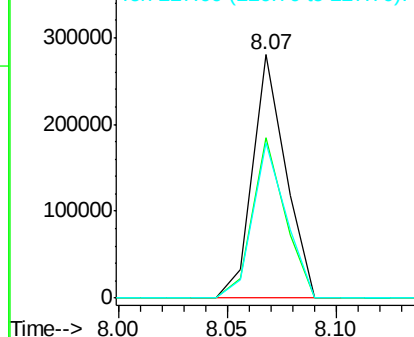


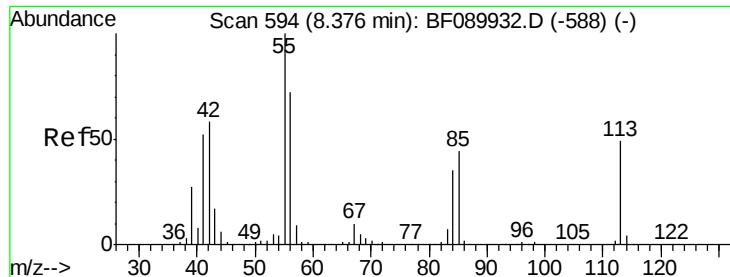
#34
Hexachlorobutadiene
Concen: 42.77 ng
RT: 8.07 min Scan# 567
Delta R.T. 0.00 min
Lab File: BF089966.D
Acq: 1 Sep 2016 12:39

Tgt Ion:	225	Resp:	296641
Ion	Ratio	Lower	Upper
225	100		
223	65.7	52.6	78.8
227	63.7	50.8	76.2



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

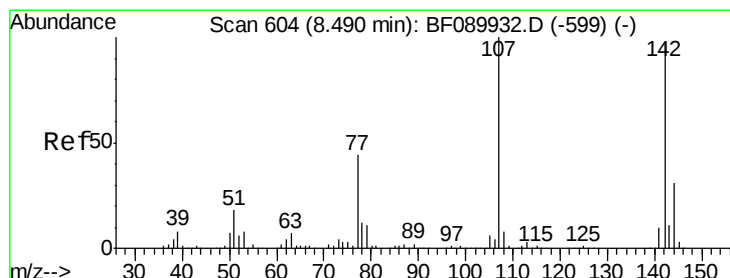
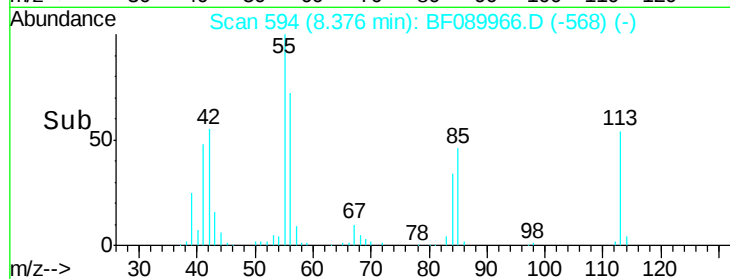
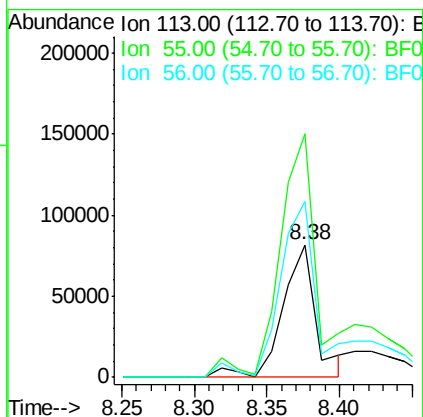
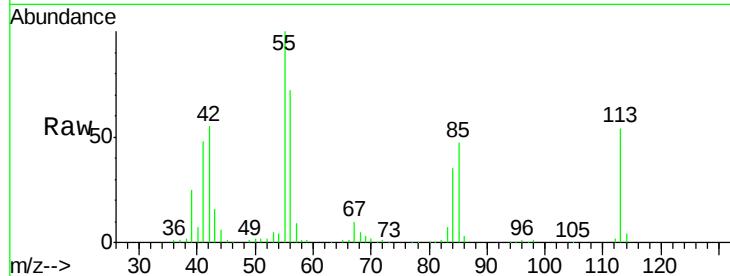




#35
 Caprolactam
 Concen: 37.88 ng
 RT: 8.38 min Scan# 594
 Delta R.T. 0.00 min
 Lab File: BF089966.D
 Acq: 1 Sep 2016 12:39

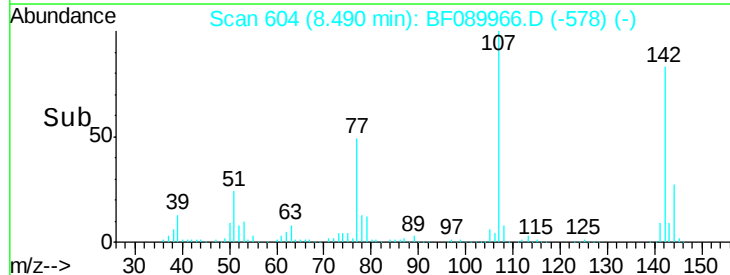
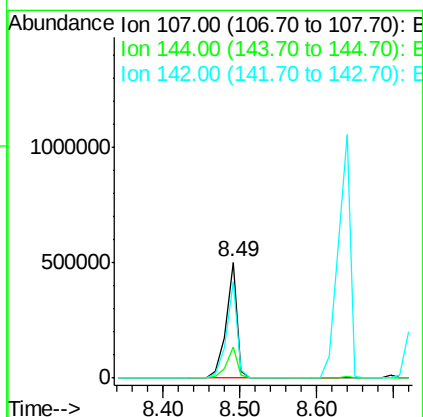
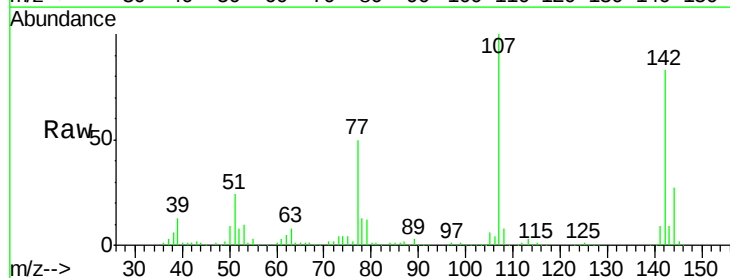
Instrument :
 BNA_F
 ClientSampleId :

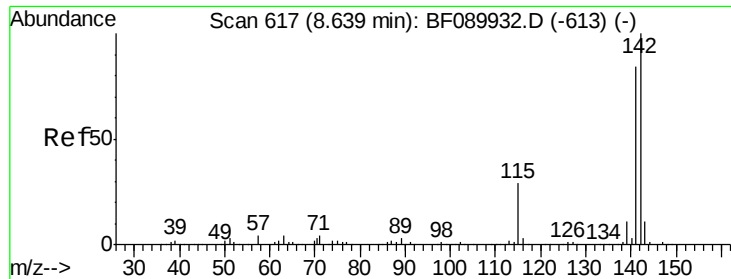
Tot Ion:113 Resp: 129432
 Ion Ratio Lower Upper
 113 100
 55 184.0 178.5 218.5
 56 132.4 122.7 162.7



#36
 4-Chloro-3-methylphenol
 Concen: 44.31 ng
 RT: 8.49 min Scan# 604
 Delta R.T. 0.00 min
 Lab File: BF089966.D
 Acq: 1 Sep 2016 12:39

Tgt Ion:107 Resp: 508021
 Ion Ratio Lower Upper
 107 100
 144 26.9 25.8 38.8
 142 83.2 79.2 118.8

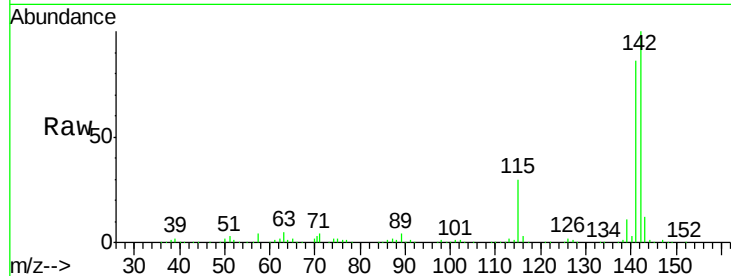




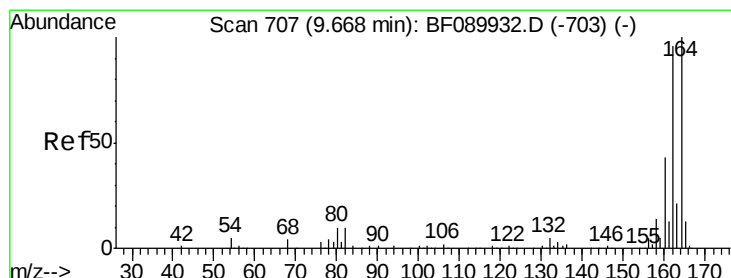
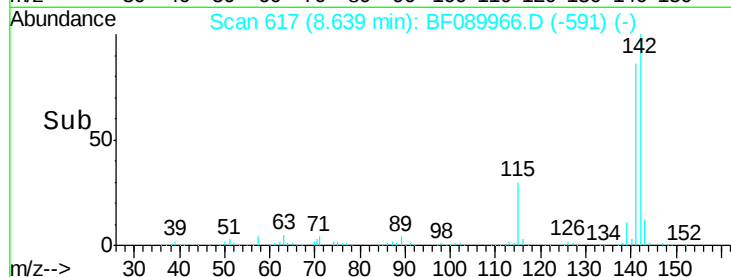
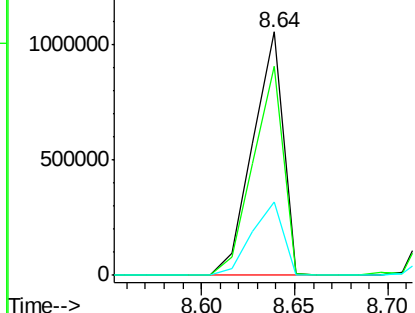
#37
 2-Methylnaphthalene
 Concen: 48.43 ng
 RT: 8.64 min Scan# 617
 Delta R.T. 0.00 min
 Lab File: BF089966.D
 Acq: 1 Sep 2016 12:39

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:142 Resp: 1187820
 Ion Ratio Lower Upper
 142 100
 141 85.8 68.3 102.5
 115 30.2 23.8 35.8

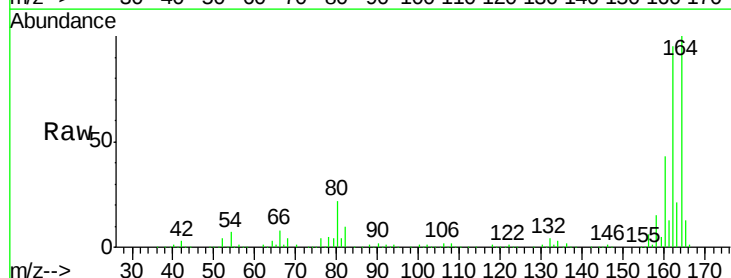


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

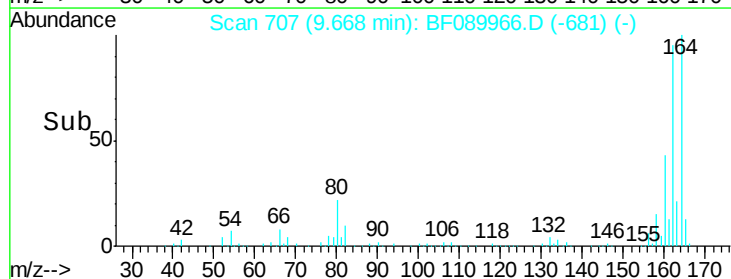
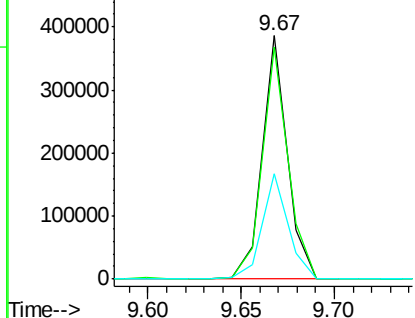


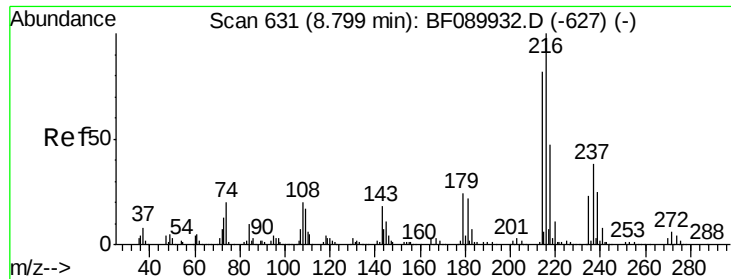
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.67 min Scan# 707
 Delta R.T. 0.00 min
 Lab File: BF089966.D
 Acq: 1 Sep 2016 12:39

Tgt Ion:164 Resp: 355435
 Ion Ratio Lower Upper
 164 100
 162 95.5 77.1 115.7
 160 43.0 35.3 52.9



Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

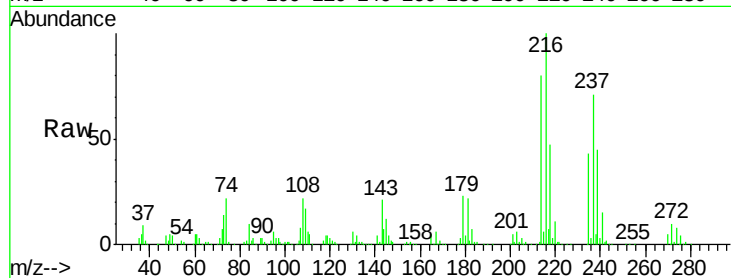




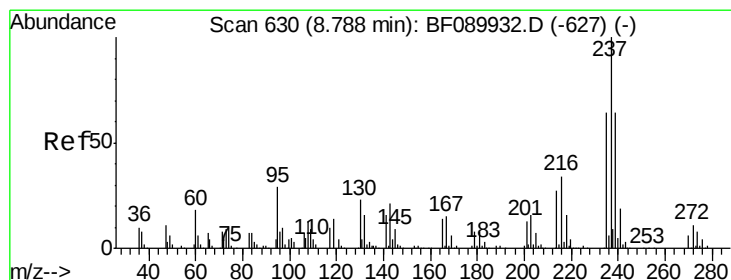
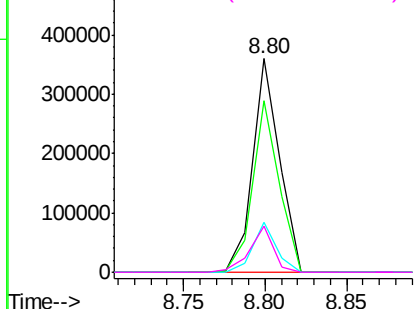
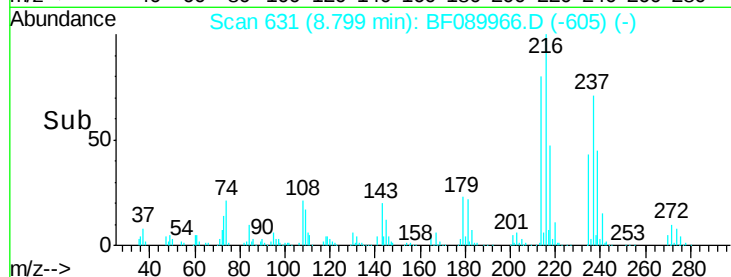
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 39.36 ng
 RT: 8.80 min Scan# 631
 Delta R.T. 0.00 min
 Lab File: BF089966.D
 Acq: 1 Sep 2016 12:39

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:216	Resp:	409778
Ion Ratio	Lower	Upper
216	100	
214	78.7	63.4 95.2
179	20.8	17.3 25.9
108	19.3	15.5 23.3

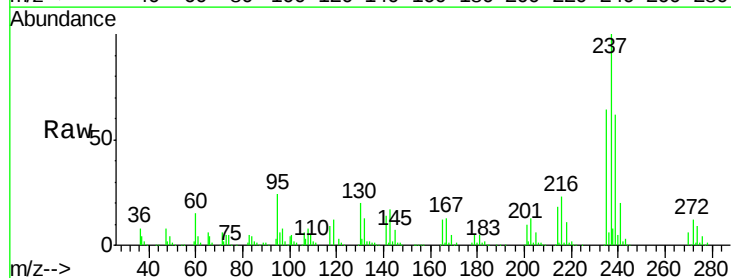


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

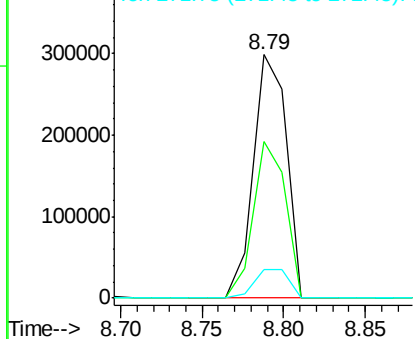
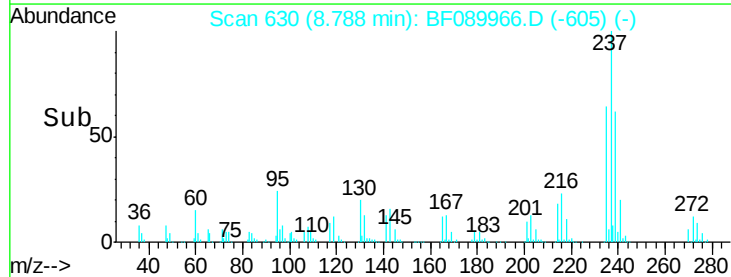


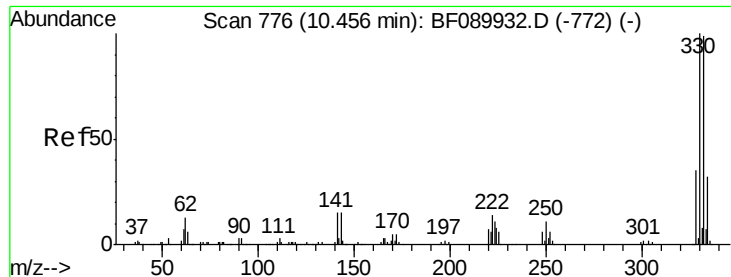
#40
 Hexachlorocyclopentadiene
 Concen: 78.52 ng
 RT: 8.79 min Scan# 630
 Delta R.T. -0.01 min
 Lab File: BF089966.D
 Acq: 1 Sep 2016 12:39

Tgt Ion:237	Resp:	419204
Ion Ratio	Lower	Upper
237	100	
235	64.1	39.6 79.6
272	11.6	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

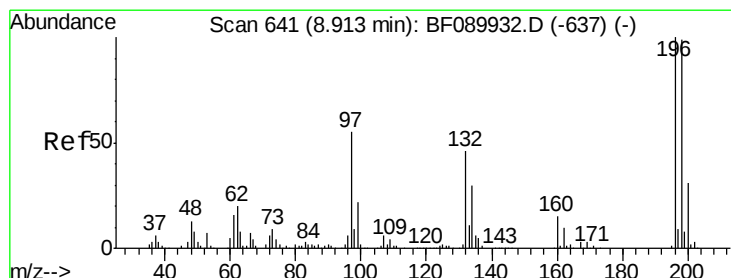
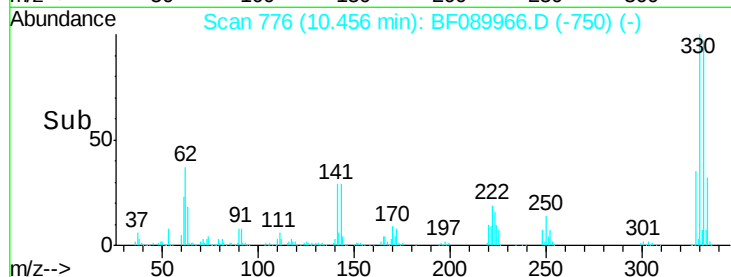
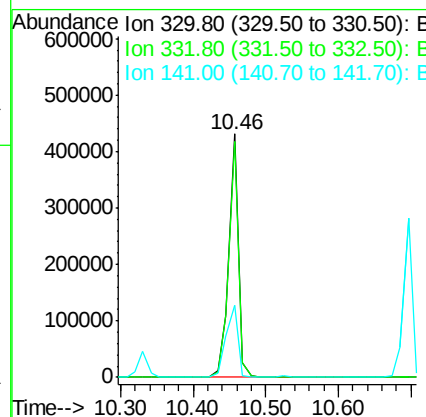
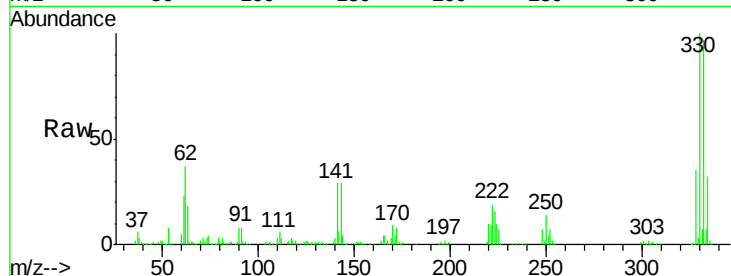




#41
 2,4,6-Tribromophenol
 Concen: 114.79 ng
 RT: 10.46 min Scan# 776
 Delta R.T. 0.00 min
 Lab File: BF089966.D
 Acq: 1 Sep 2016 12:39

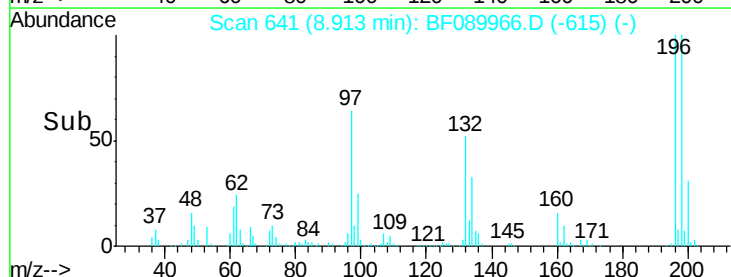
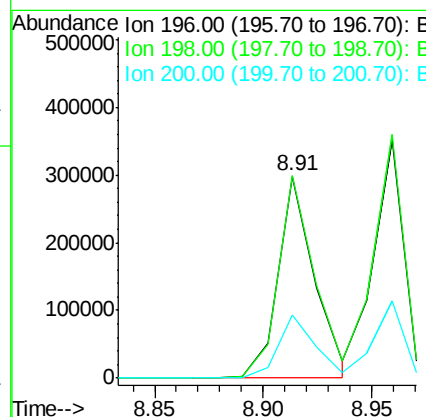
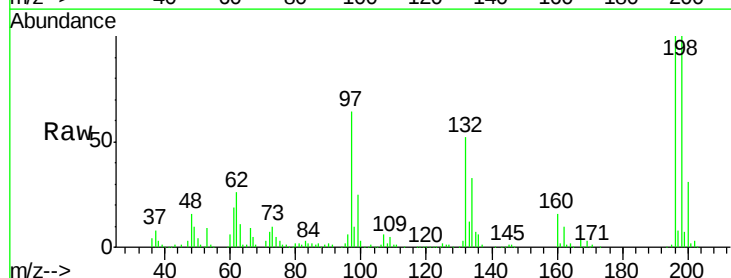
Instrument :
 BNA_F
 ClientSampleId :

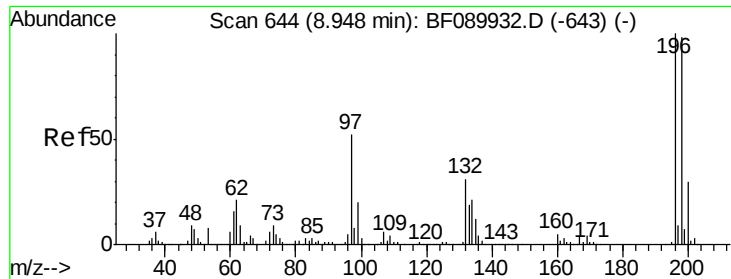
Tot Ion	Ratio	Lower	Upper
330	100		
332	97.4	78.6	117.8
141	35.9	23.3	34.9



#42
 2,4,6-Trichlorophenol
 Concen: 48.67 ng
 RT: 8.91 min Scan# 641
 Delta R.T. 0.00 min
 Lab File: BF089966.D
 Acq: 1 Sep 2016 12:39

Tgt Ion	Ratio	Lower	Upper
196	100		
198	100.1	78.3	117.5
200	31.3	24.8	37.2

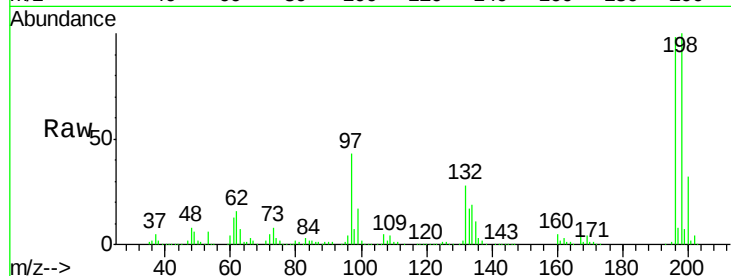




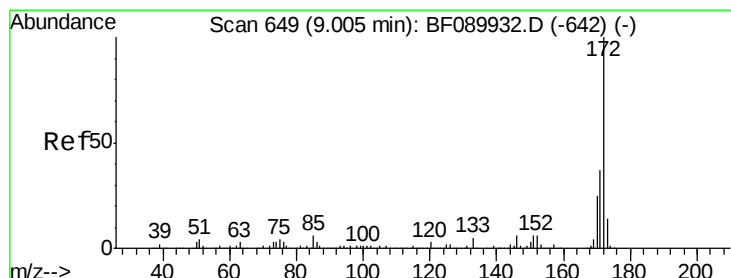
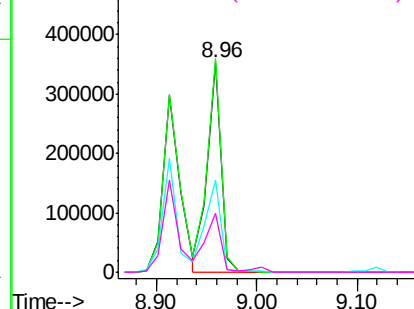
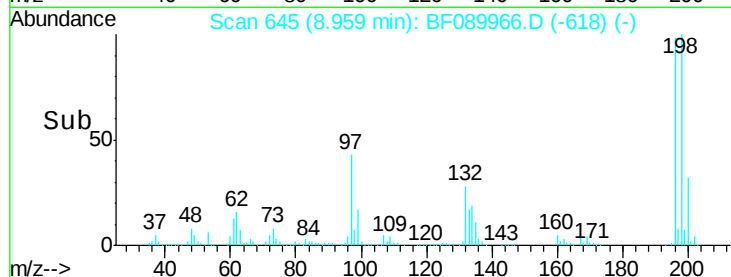
#43
 2,4,5-Trichlorophenol
 Concen: 48.98 ng
 RT: 8.96 min Scan# 645
 Delta R.T. 0.01 min
 Lab File: BF089966.D
 Acq: 1 Sep 2016 12:39

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196 Resp: 339884
 Ion Ratio Lower Upper
 196 100
 198 101.9 80.8 121.2
 97 44.1 44.2 66.4#
 132 28.0 25.8 38.6

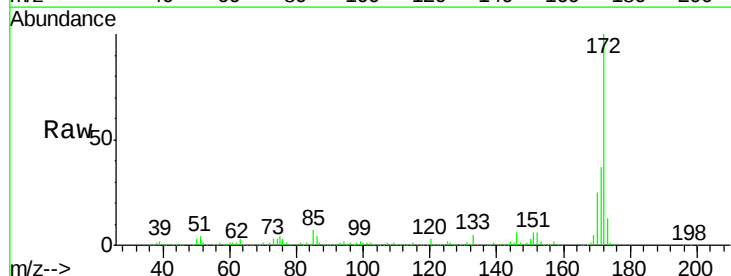


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

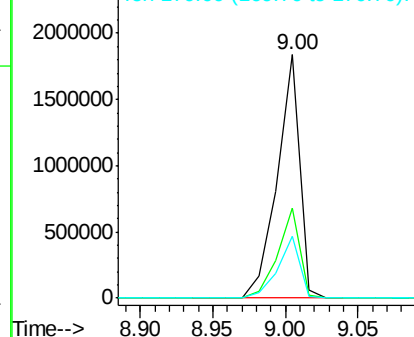
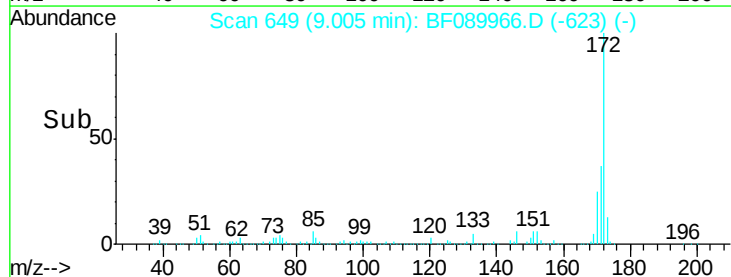


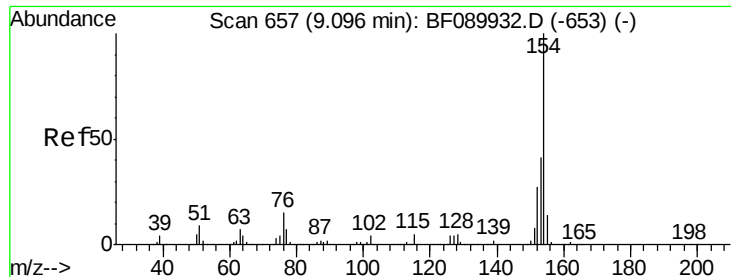
#44
 2-Fluorobiphenyl
 Concen: 90.86 ng
 RT: 9.00 min Scan# 649
 Delta R.T. 0.00 min
 Lab File: BF089966.D
 Acq: 1 Sep 2016 12:39

Tgt Ion:172 Resp: 1967411
 Ion Ratio Lower Upper
 172 100
 171 37.0 29.4 44.2
 170 25.2 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

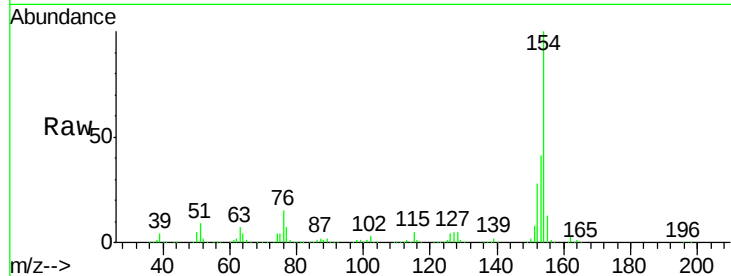




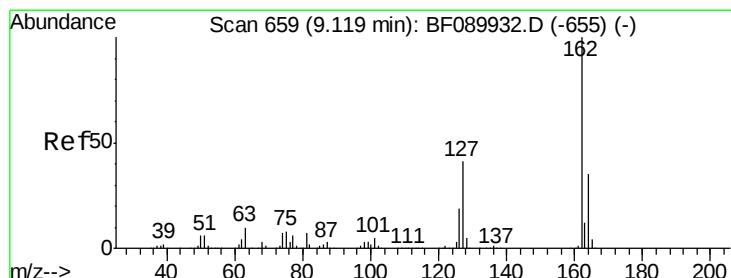
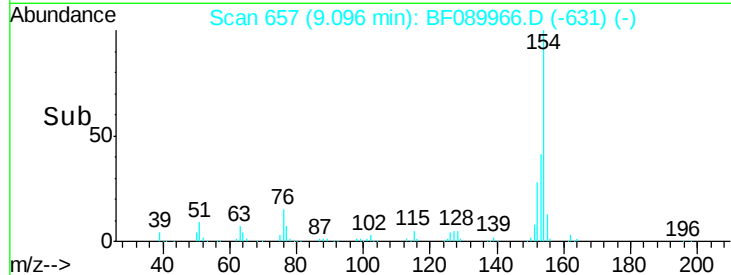
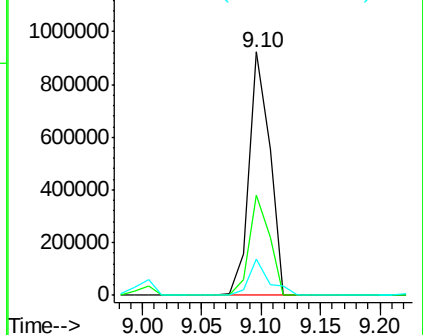
#45
 1,1'-Biphenyl
 Concen: 39.47 ng
 RT: 9.10 min Scan# 657
 Delta R.T. 0.00 min
 Lab File: BF089966.D
 Acq: 1 Sep 2016 12:39

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:154 Resp: 1129519
 Ion Ratio Lower Upper
 154 100
 153 41.0 20.6 60.6
 76 14.8 0.0 34.9

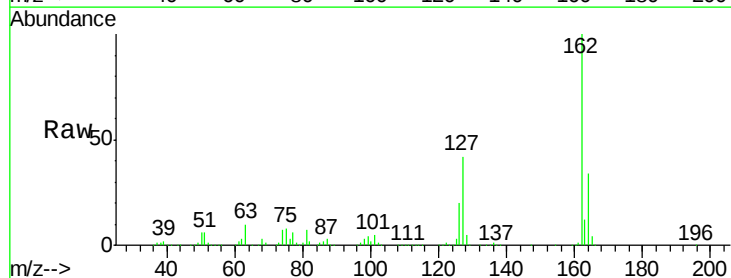


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

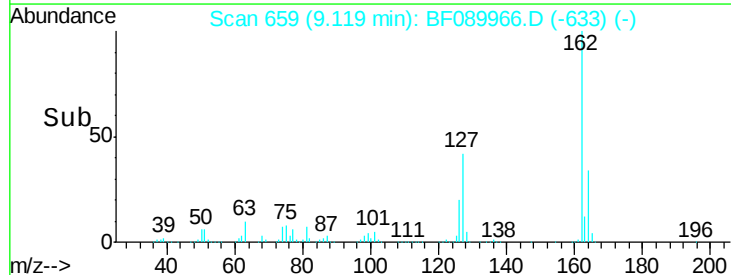
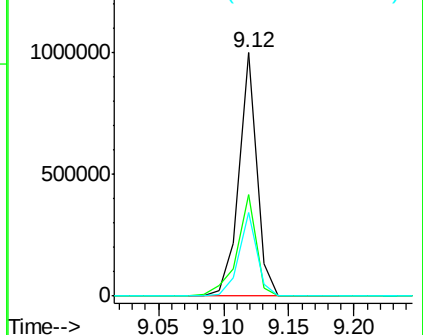


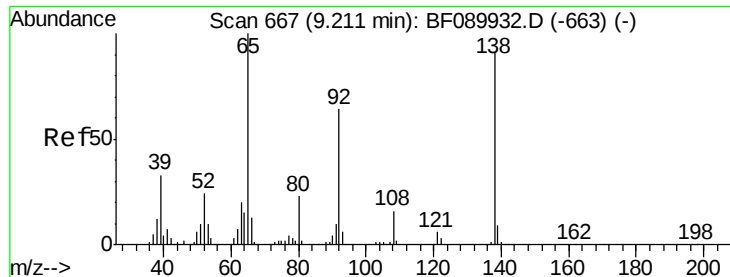
#46
 2-Chloronaphthalene
 Concen: 46.65 ng
 RT: 9.12 min Scan# 659
 Delta R.T. 0.00 min
 Lab File: BF089966.D
 Acq: 1 Sep 2016 12:39

Tgt Ion:162 Resp: 944383
 Ion Ratio Lower Upper
 162 100
 127 41.6 33.5 50.3
 164 34.3 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

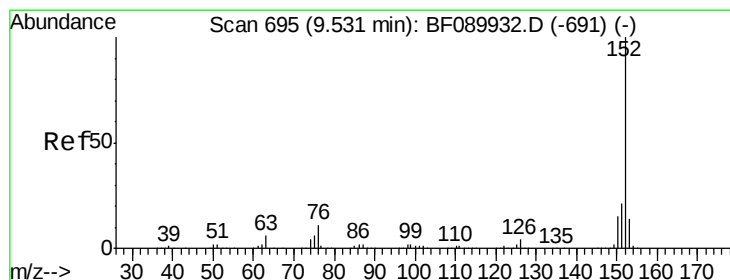
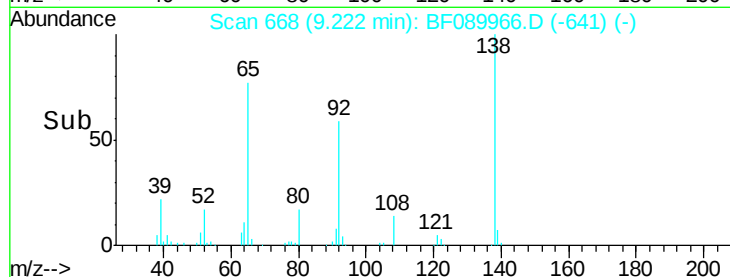
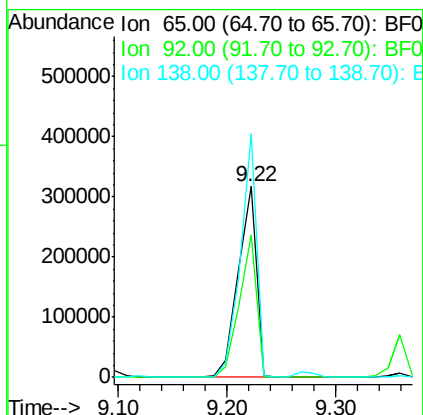
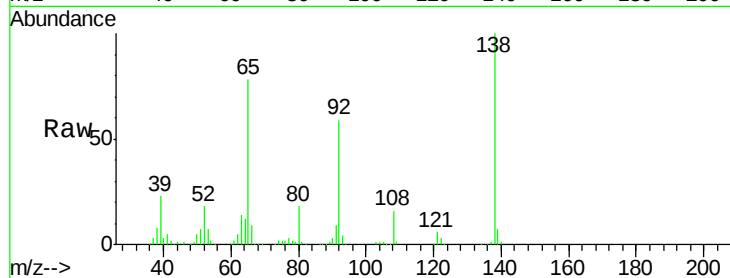




#47
2-Nitroaniline
Concen: 54.89 ng
RT: 9.22 min Scan# 668
Delta R.T. 0.01 min
Lab File: BF089966.D
Acq: 1 Sep 2016 12:39

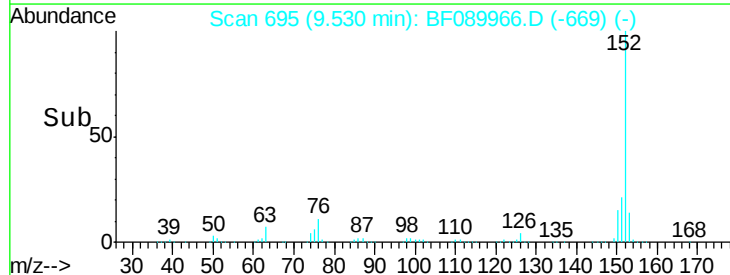
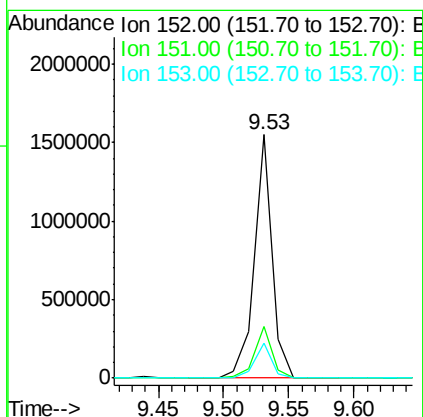
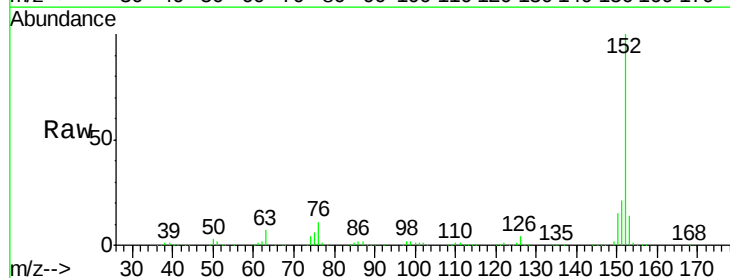
Instrument :
BNA_F
ClientSampleId :

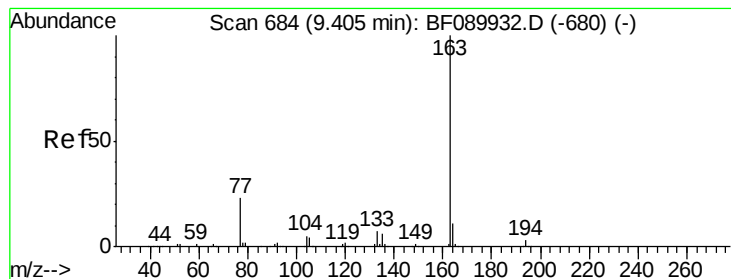
Tot Ion: 65 Resp: 363275
Ion Ratio Lower Upper
65 100
92 74.9 52.0 78.0
138 127.7 72.1 108.1#



#48
Acenaphthylene
Concen: 43.87 ng
RT: 9.53 min Scan# 695
Delta R.T. 0.00 min
Lab File: BF089966.D
Acq: 1 Sep 2016 12:39

Tgt Ion: 152 Resp: 1468434
Ion Ratio Lower Upper
152 100
151 21.0 16.7 25.1
153 14.5 11.6 17.4





#49

Dimethylphthalate

Concen: 48.64 ng

RT: 9.42 min Scan# 685

Delta R.T. 0.01 min

Lab File: BF089966.D

Acq: 1 Sep 2016 12:39

Instrument :

BNA_F

ClientSampleId :

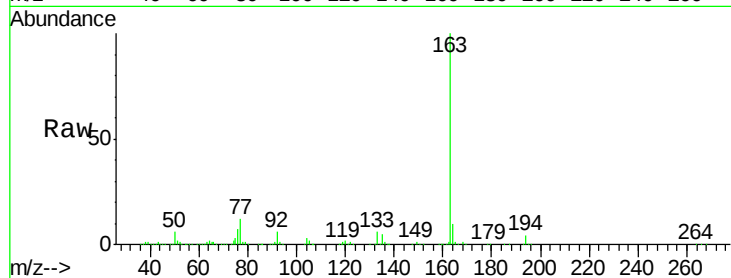
Tot Ion:163 Resp: 1249562

Ion Ratio Lower Upper

163 100

194 4.2 2.7 4.1#

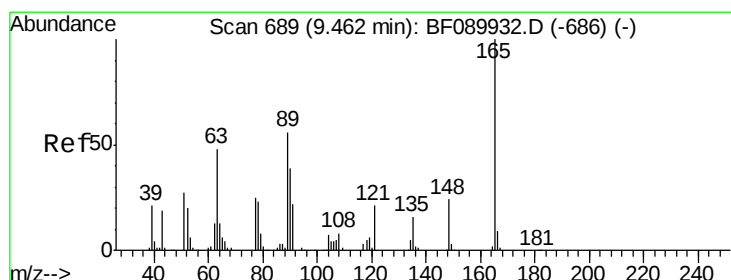
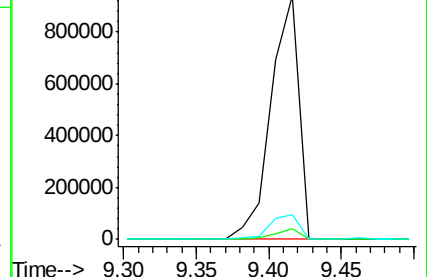
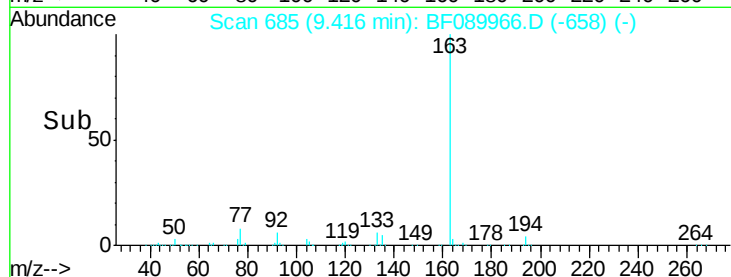
164 10.4 9.0 13.4



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: 44.98 ng

RT: 9.46 min Scan# 689

Delta R.T. 0.00 min

Lab File: BF089966.D

Acq: 1 Sep 2016 12:39

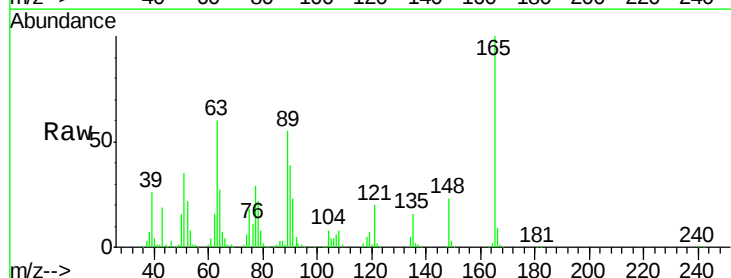
Tgt Ion:165 Resp: 256975

Ion Ratio Lower Upper

165 100

63 60.4 45.0 67.4

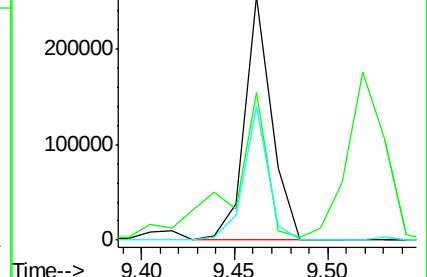
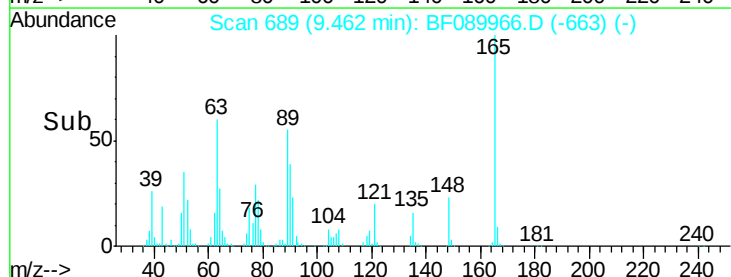
89 54.7 41.5 62.3

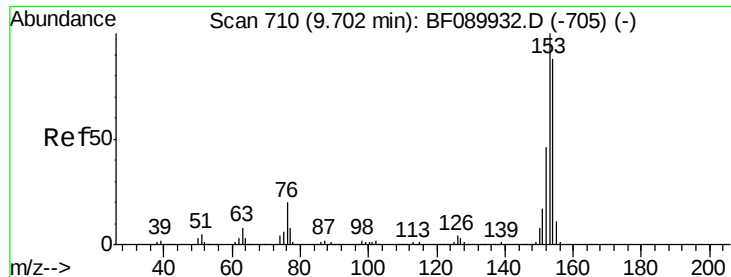


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 47.94 ng

RT: 9.70 min Scan# 710

Delta R.T. 0.00 min

Lab File: BF089966.D

Acq: 1 Sep 2016 12:39

Instrument :

BNA_F

ClientSampleId :

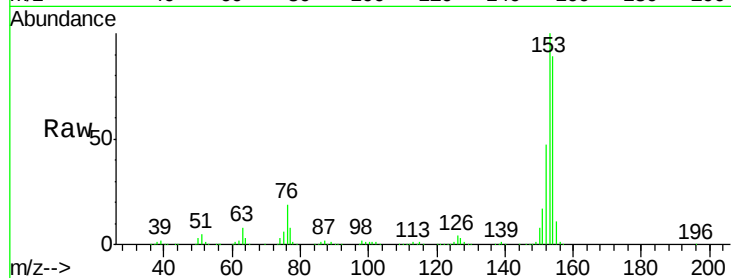
Tot Ion:154 Resp: 1016602

Ion Ratio Lower Upper

154 100

153 112.9 90.6 135.8

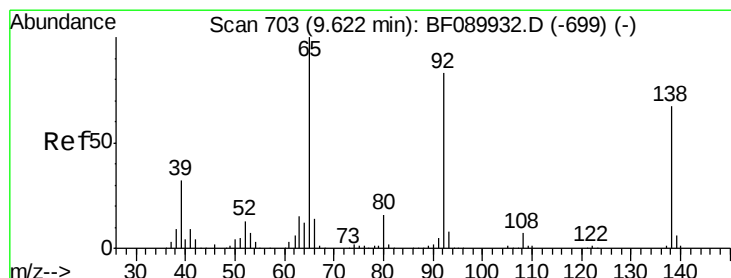
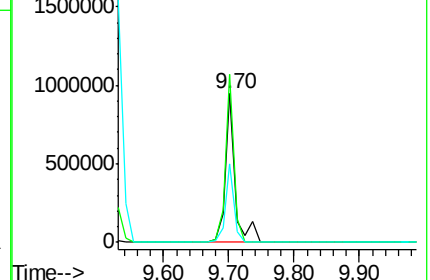
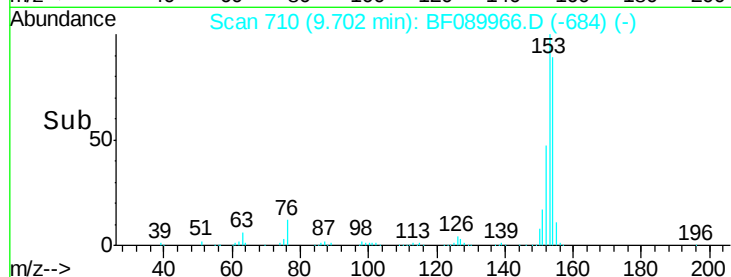
152 52.9 42.4 63.6



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: 29.06 ng

RT: 9.62 min Scan# 703

Delta R.T. 0.00 min

Lab File: BF089966.D

Acq: 1 Sep 2016 12:39

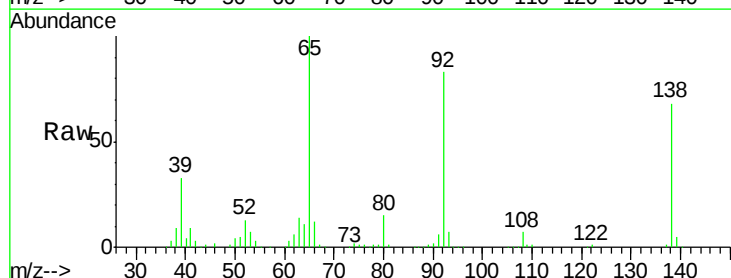
Tgt Ion:138 Resp: 189398

Ion Ratio Lower Upper

138 100

108 10.2 8.3 12.5

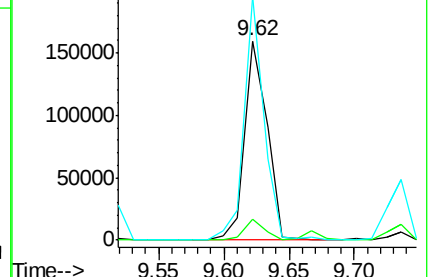
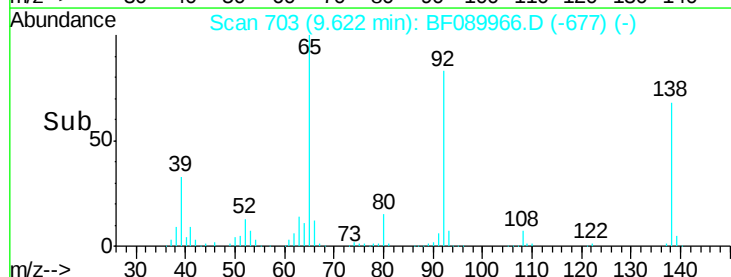
92 122.5 99.1 148.7

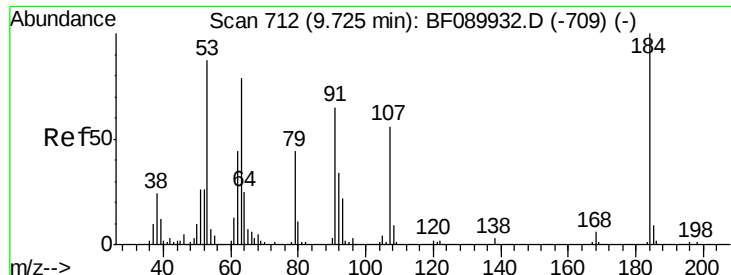


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

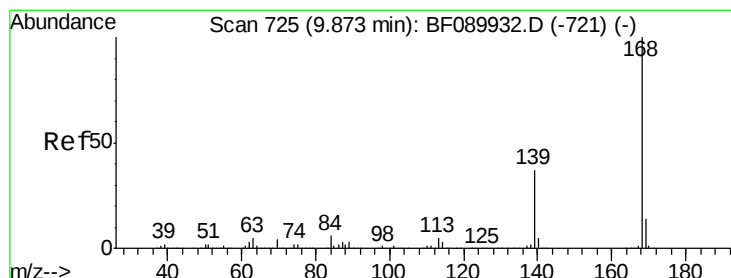
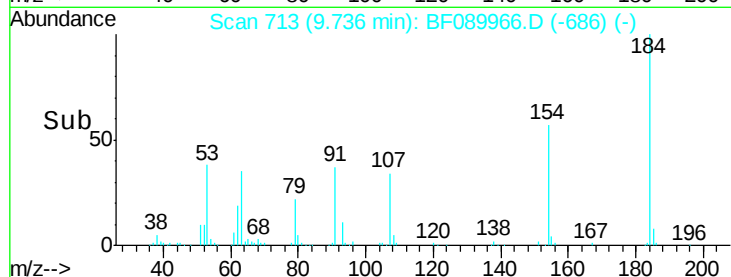
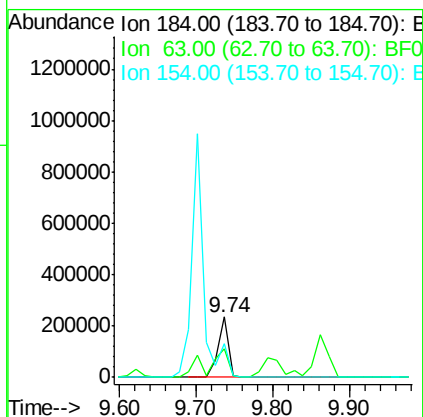
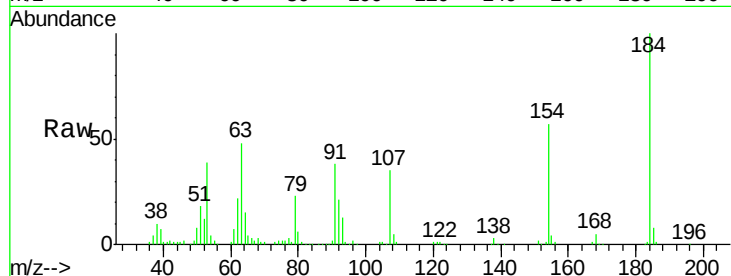




#53
2,4-Dinitrophenol
Concen: 63.17 ng
RT: 9.74 min Scan# 713
Delta R.T. 0.01 min
Lab File: BF089966.D
Acq: 1 Sep 2016 12:39

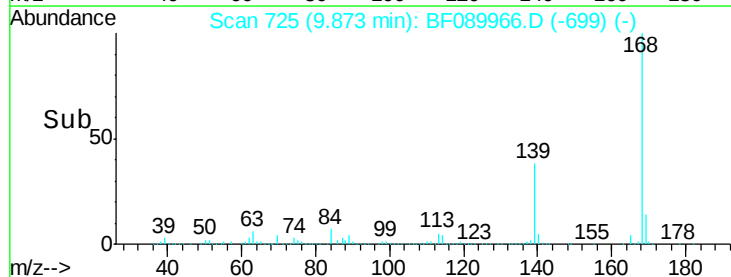
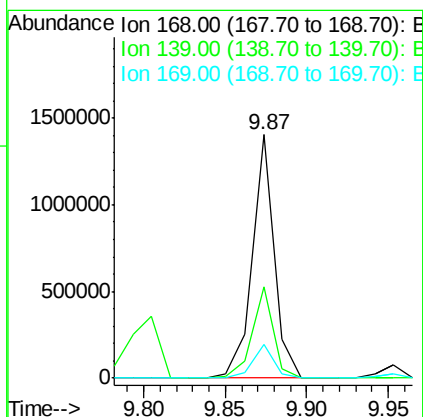
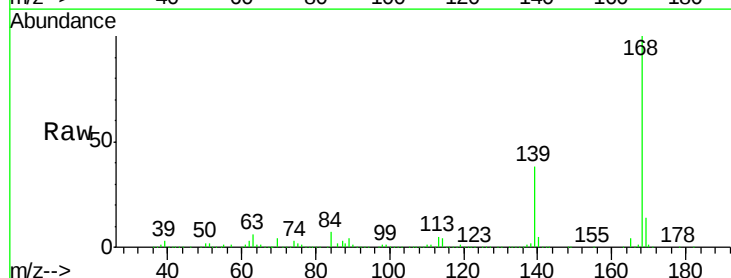
Instrument :
BNA_F
ClientSampled :

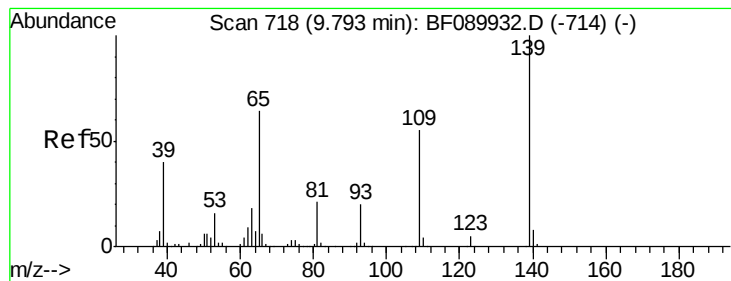
Tot Ion:184 Resp: 222727
Ion Ratio Lower Upper
184 100
63 47.8 73.9 110.9#
154 56.9 53.5 80.3



#54
Dibenzofuran
Concen: 46.00 ng
RT: 9.87 min Scan# 725
Delta R.T. 0.00 min
Lab File: BF089966.D
Acq: 1 Sep 2016 12:39

Tgt Ion:168 Resp: 1307275
Ion Ratio Lower Upper
168 100
139 37.7 29.5 44.3
169 13.7 10.8 16.2





#55

4-Nitrophenol

Concen: 98.08 ng

RT: 9.80 min Scan# 719

Delta R.T. 0.01 min

Lab File: BF089966.D

Acq: 1 Sep 2016 12:39

Instrument :

BNA_F

ClientSampled :

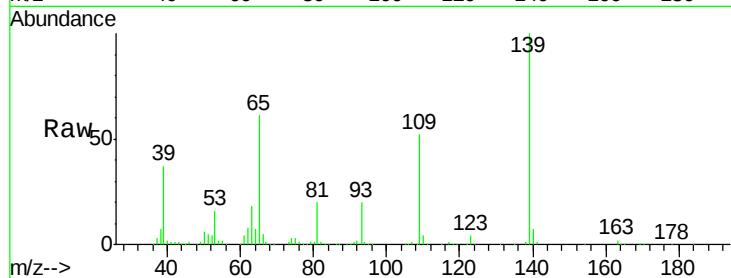
Tot Ion:139 Resp: 482111

Ion Ratio Lower Upper

139 100

109 52.3 31.3 71.3

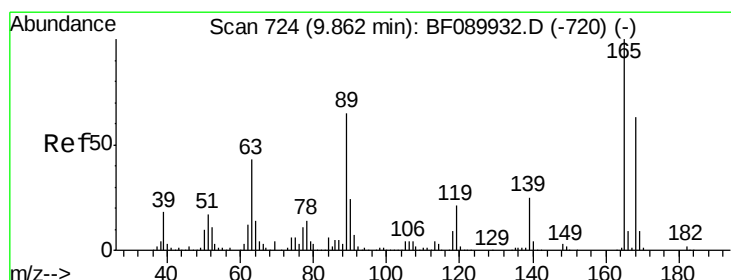
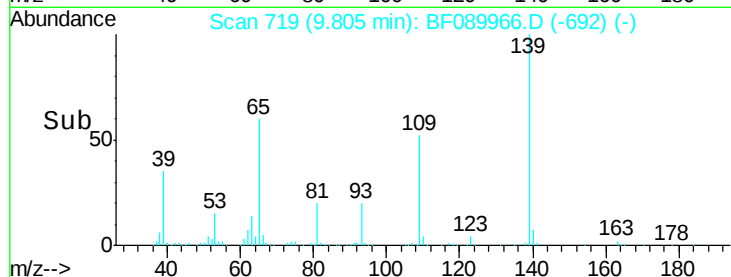
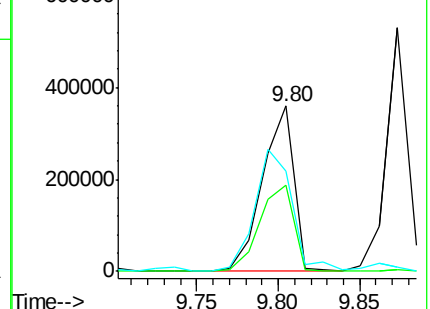
65 60.6 38.5 78.5



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: 42.82 ng

RT: 9.86 min Scan# 724

Delta R.T. 0.00 min

Lab File: BF089966.D

Acq: 1 Sep 2016 12:39

Tgt Ion:165 Resp: 310278

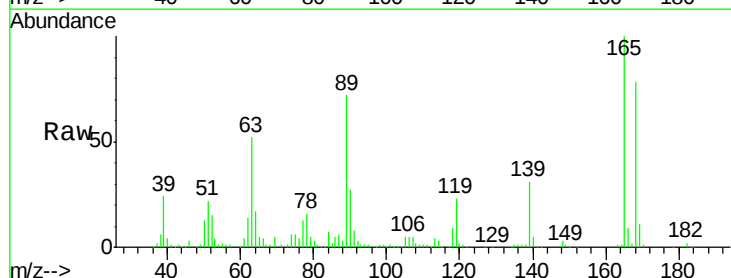
Ion Ratio Lower Upper

165 100

63 52.3 32.5 48.7#

89 71.9 48.3 72.5

182 2.2 1.7 2.5

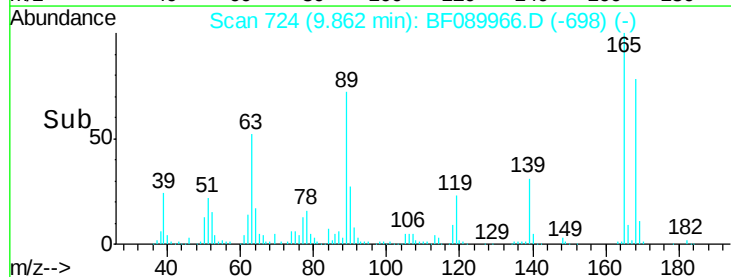
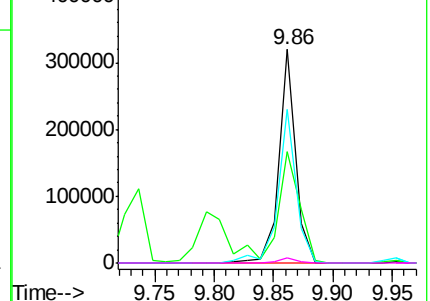


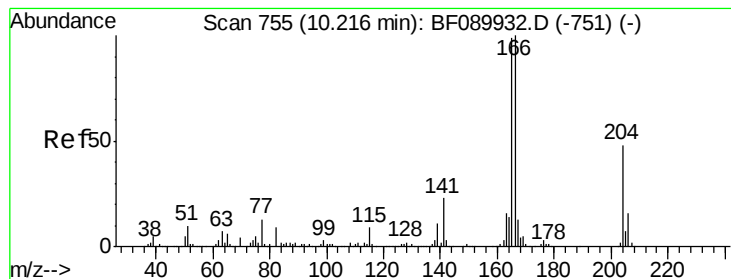
Abundance Ion 165.00 (164.70 to 165.70): E

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: 47.64 ng

RT: 10.22 min Scan# 755

Delta R.T. 0.00 min

Lab File: BF089966.D

Acq: 1 Sep 2016 12:39

Instrument :

BNA_F

ClientSampleId :

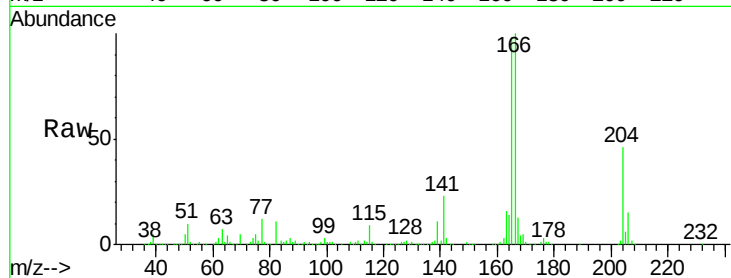
Tot Ion:166 Resp: 989333

Ion Ratio Lower Upper

166 100

165 98.4 78.6 118.0

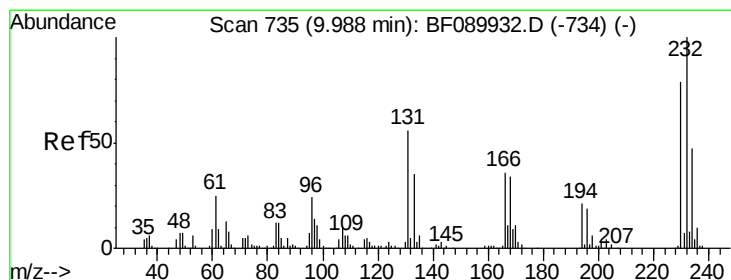
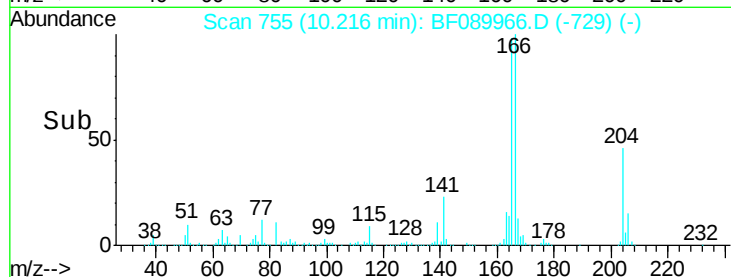
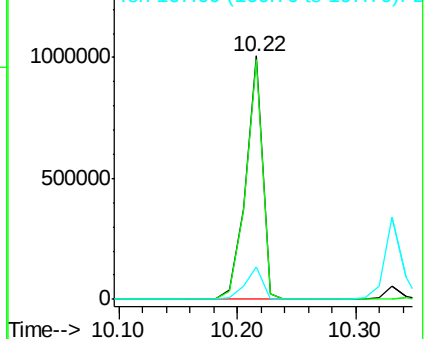
167 13.4 10.6 15.8



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 50.94 ng

RT: 10.00 min Scan# 736

Delta R.T. 0.01 min

Lab File: BF089966.D

Acq: 1 Sep 2016 12:39

Tgt Ion:232 Resp: 302621

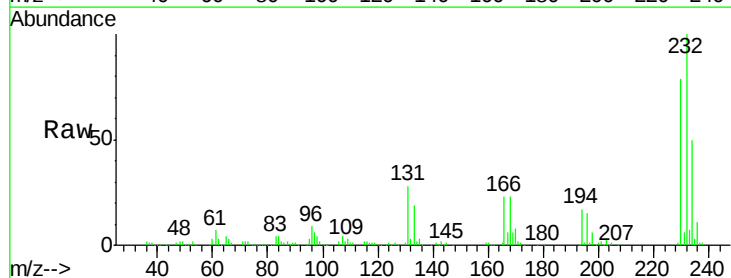
Ion Ratio Lower Upper

232 100

131 41.8 36.3 54.5

130 1.8 1.7 2.5

166 29.7 24.4 36.6

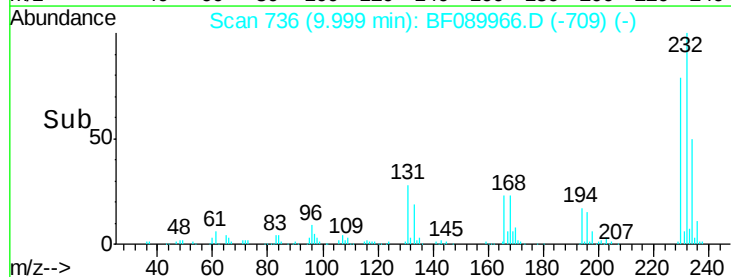
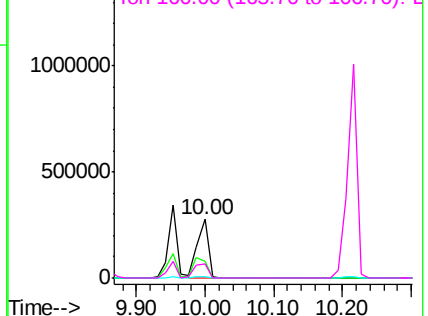


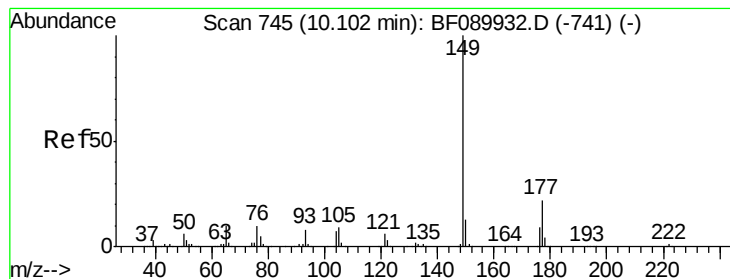
Abundance Ion 232.00 (231.70 to 232.70): E

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: 47.23 ng

RT: 10.10 min Scan# 745

Delta R.T. 0.00 min

Lab File: BF089966.D

Acq: 1 Sep 2016 12:39

Instrument :

BNA_F

ClientSampleId :

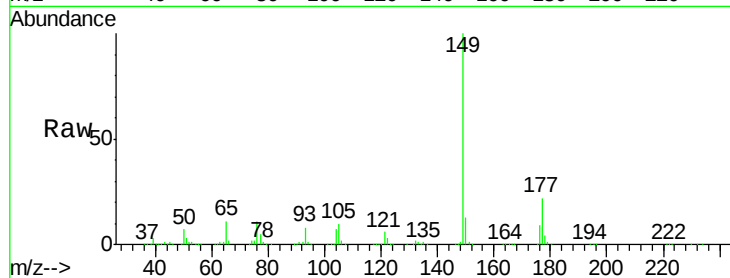
Tot Ion:149 Resp: 1141388

Ion Ratio Lower Upper

149 100

177 21.9 17.7 26.5

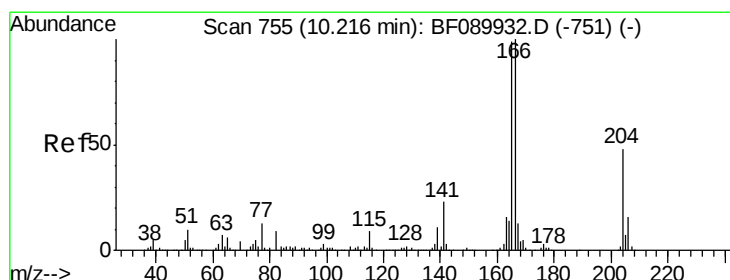
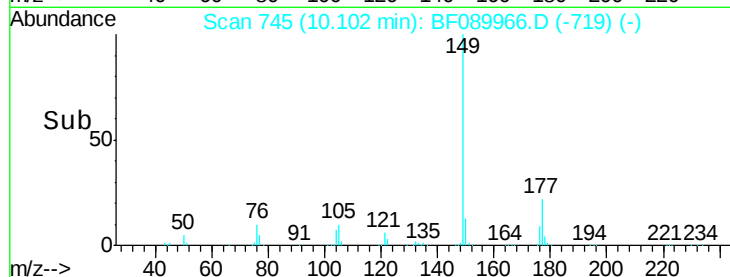
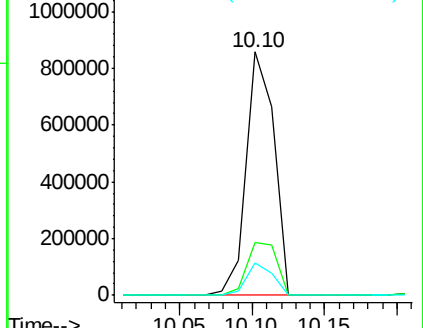
150 13.1 10.2 15.2



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: 49.12 ng

RT: 10.22 min Scan# 755

Delta R.T. 0.00 min

Lab File: BF089966.D

Acq: 1 Sep 2016 12:39

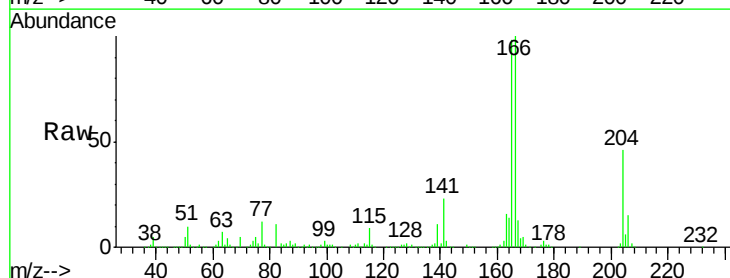
Tgt Ion:204 Resp: 479989

Ion Ratio Lower Upper

204 100

206 32.9 26.6 40.0

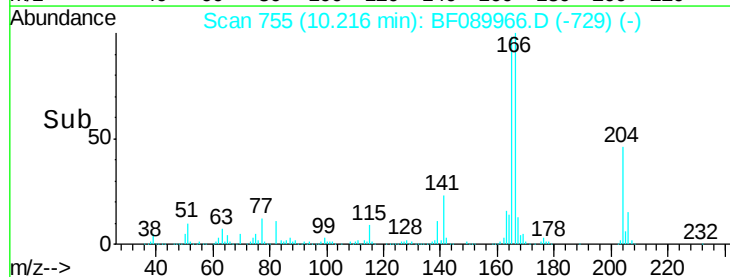
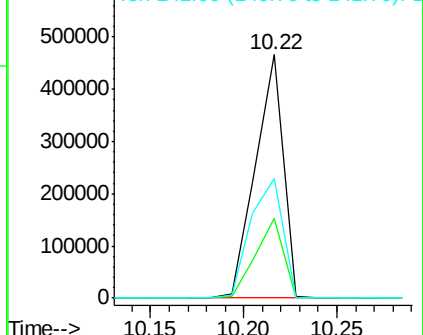
141 49.0 36.5 54.7



Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

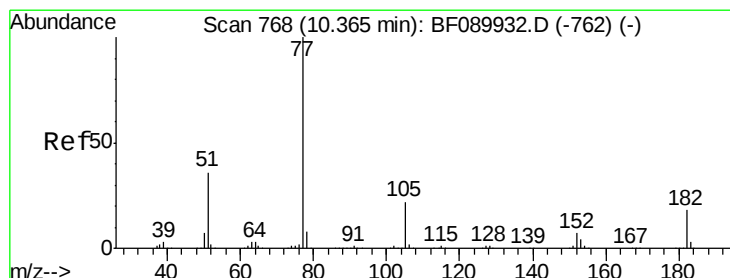
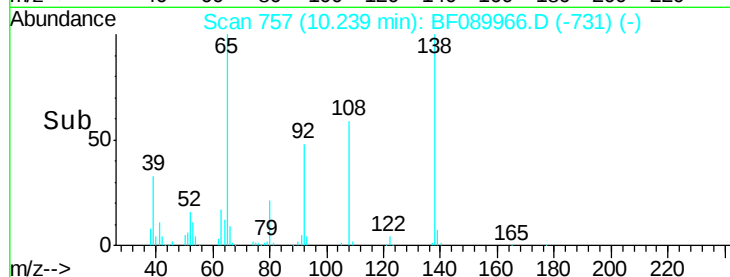
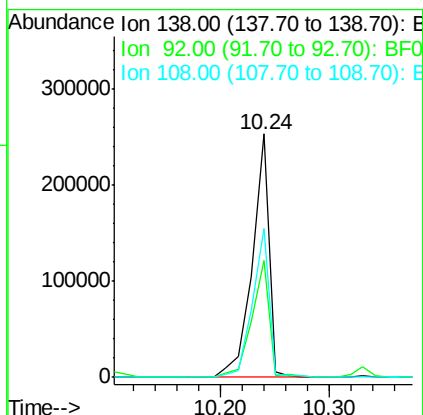
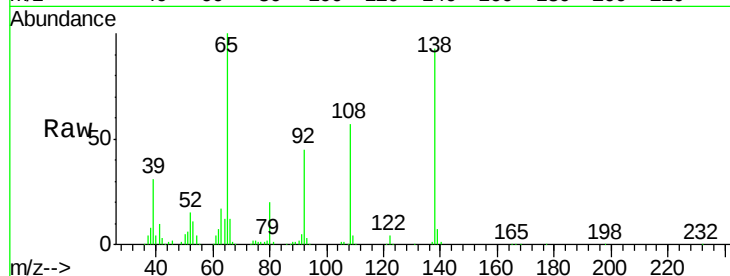




#61
4-Nitroaniline
Concen: 42.84 ng
RT: 10.24 min Scan# 757
Delta R.T. 0.00 min
Lab File: BF089966.D
Acq: 1 Sep 2016 12:39

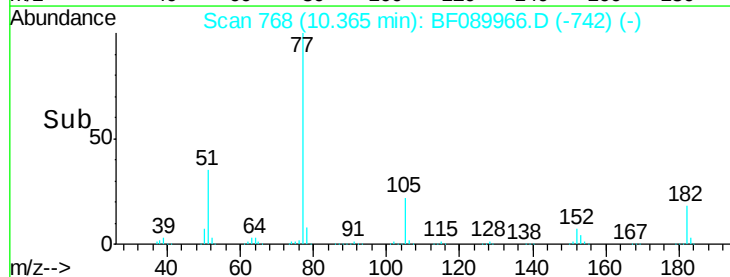
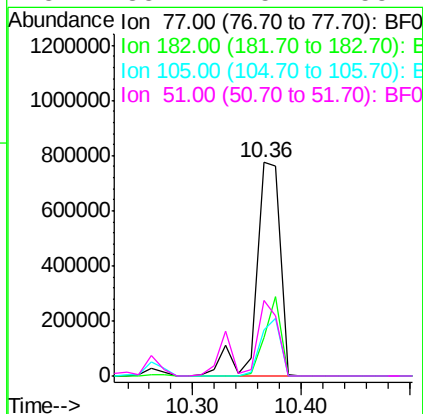
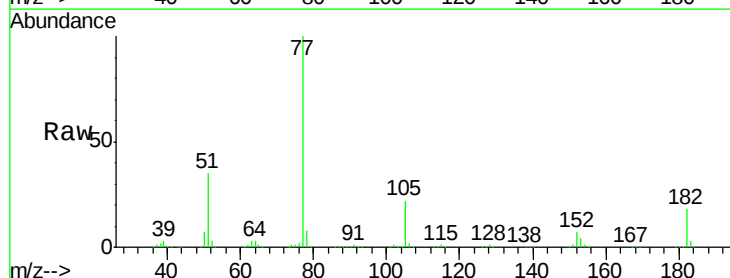
Instrument :
BNA_F
ClientSampleId :

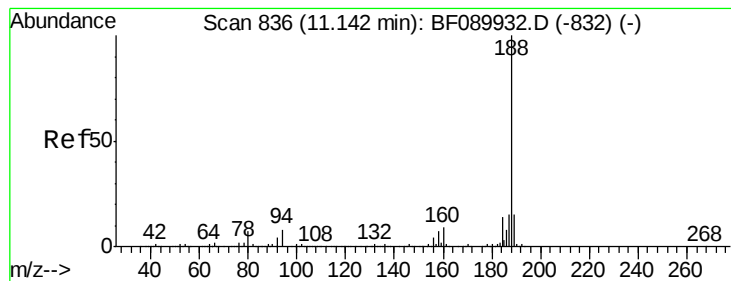
Tot Ion:138 Resp: 274322
Ion Ratio Lower Upper
138 100
92 48.2 21.2 61.2
108 61.1 37.7 77.7



#62
Azobenzene
Concen: 49.81 ng
RT: 10.36 min Scan# 768
Delta R.T. 0.00 min
Lab File: BF089966.D
Acq: 1 Sep 2016 12:39

Tgt Ion: 77 Resp: 1202367
Ion Ratio Lower Upper
77 100
182 18.2 0.0 38.6
105 21.9 2.3 42.3
51 35.4 15.1 55.1





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.14 min Scan# 836

Delta R.T. 0.00 min

Lab File: BF089966.D

Acq: 1 Sep 2016 12:39

Instrument :

BNA_F

ClientSampleId :

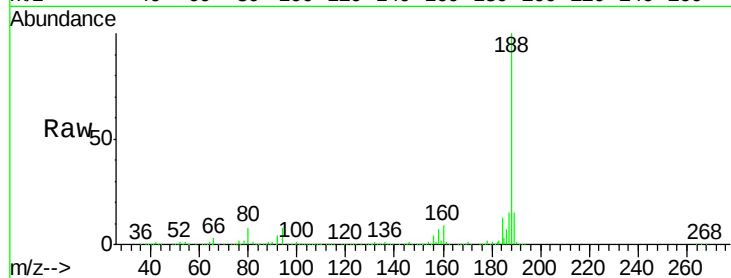
Tot Ion:188 Resp: 647280

Ion Ratio Lower Upper

188 100

94 7.7 5.9 8.9

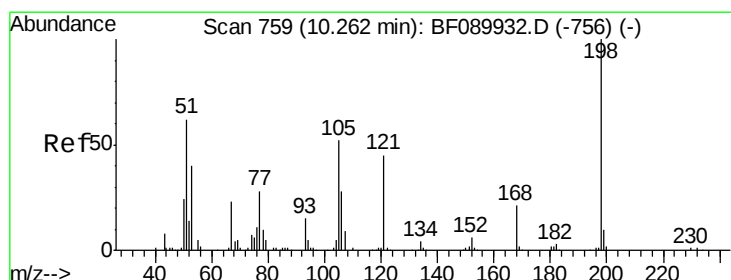
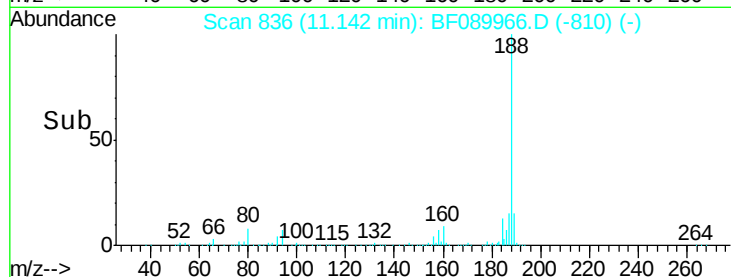
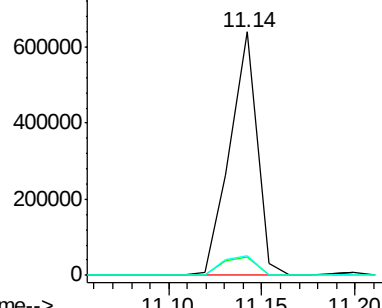
80 8.0 5.8 8.8



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: 38.53 ng

RT: 10.27 min Scan# 760

Delta R.T. 0.01 min

Lab File: BF089966.D

Acq: 1 Sep 2016 12:39

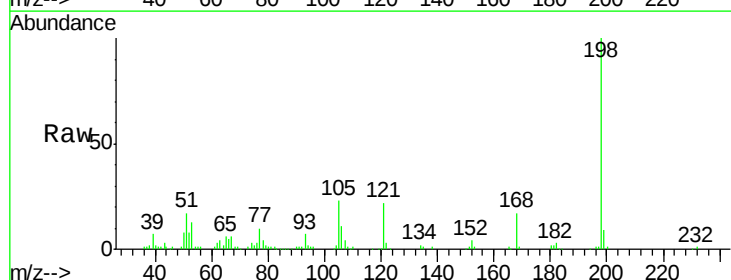
Tgt Ion:198 Resp: 159661

Ion Ratio Lower Upper

198 100

51 17.4 43.0 83.0#

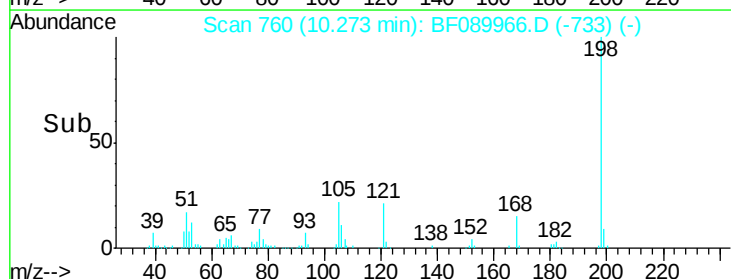
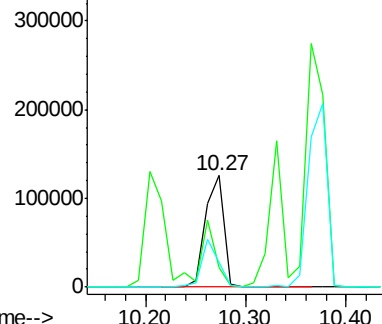
105 22.5 30.3 70.3#

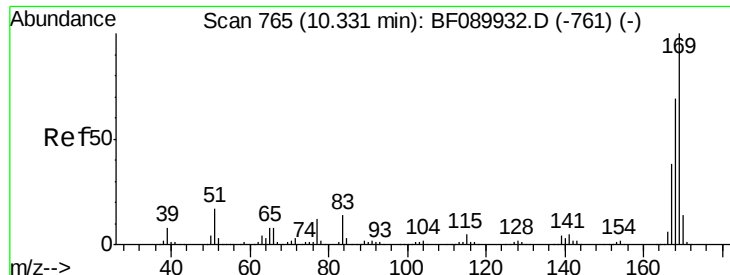


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E

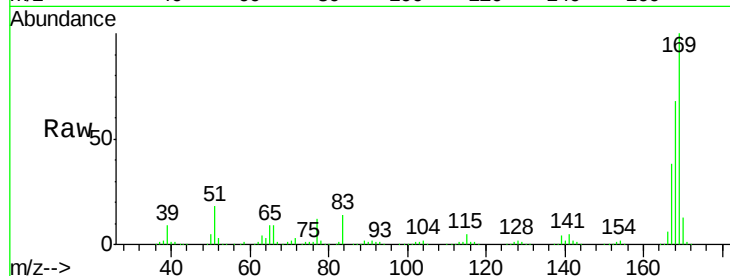




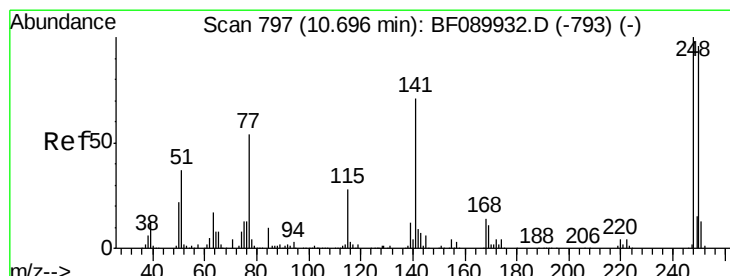
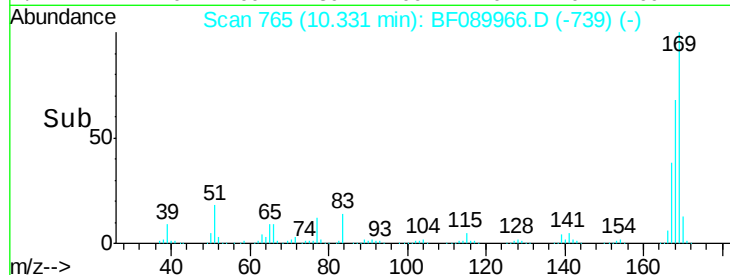
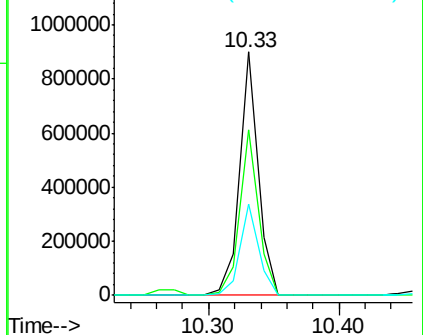
#65
 n-Nitrosodiphenylamine
 Concen: 45.52 ng
 RT: 10.33 min Scan# 765
 Delta R.T. 0.00 min
 Lab File: BF089966.D
 Acq: 1 Sep 2016 12:39

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:169 Resp: 885796
 Ion Ratio Lower Upper
 169 100
 168 67.9 55.0 82.4
 167 37.6 30.5 45.7

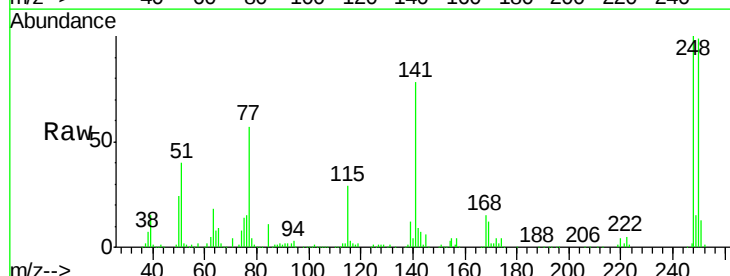


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

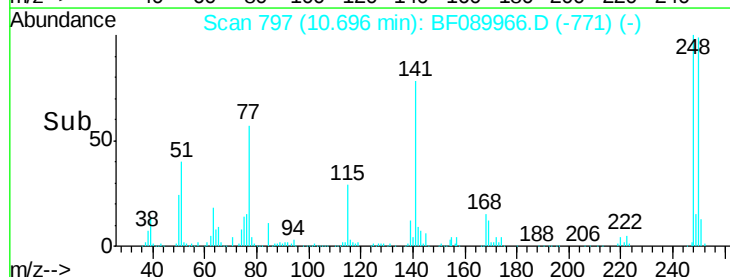
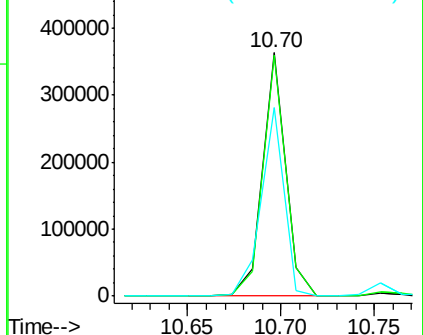


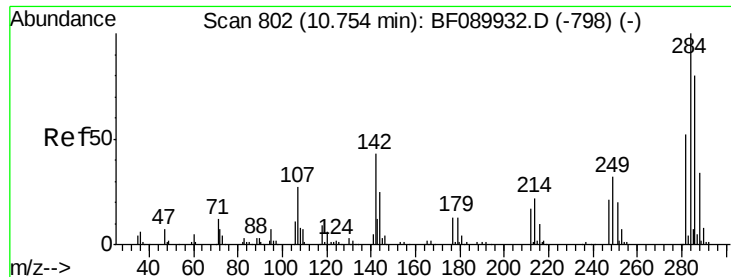
#66
 4-Bromophenyl-phenylether
 Concen: 47.35 ng
 RT: 10.70 min Scan# 797
 Delta R.T. 0.00 min
 Lab File: BF089966.D
 Acq: 1 Sep 2016 12:39

Tgt Ion:248 Resp: 308528
 Ion Ratio Lower Upper
 248 100
 250 98.8 77.3 115.9
 141 77.7 55.8 83.8



Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

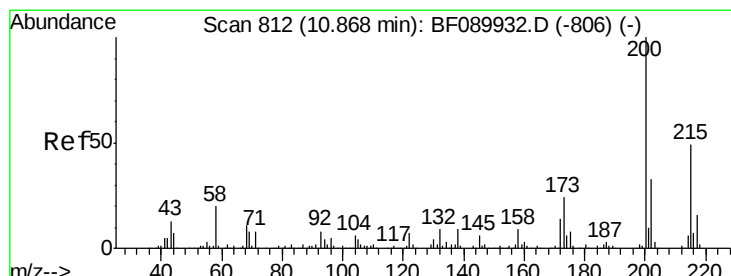
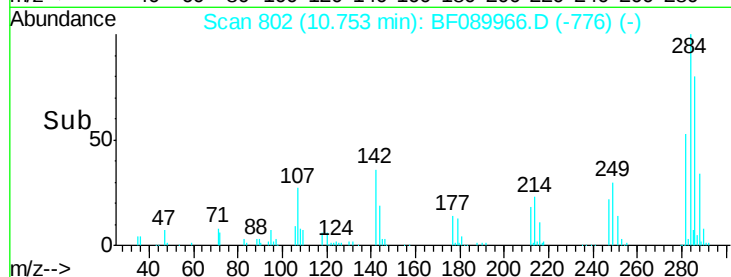
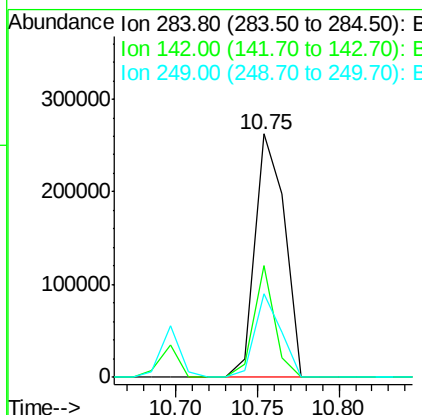
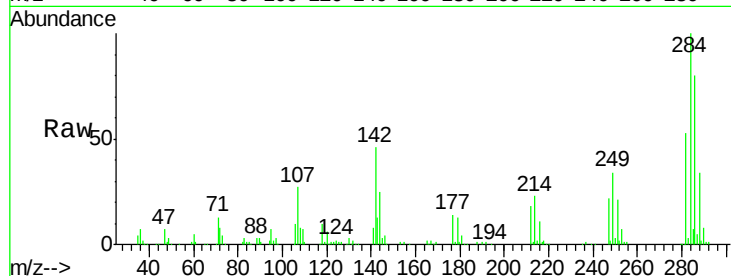




#67
Hexachlorobenzene
Concen: 44.26 ng
RT: 10.75 min Scan# 802
Delta R.T. 0.00 min
Lab File: BF089966.D
Acq: 1 Sep 2016 12:39

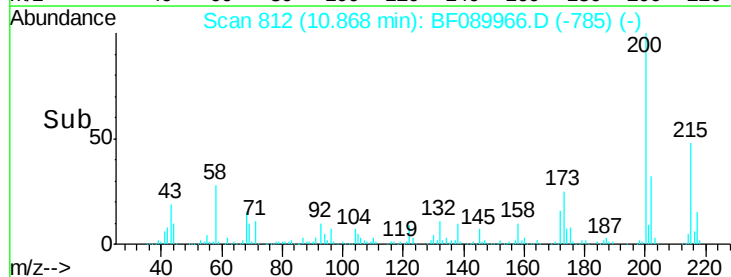
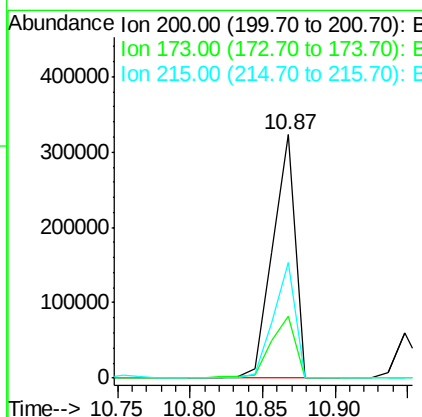
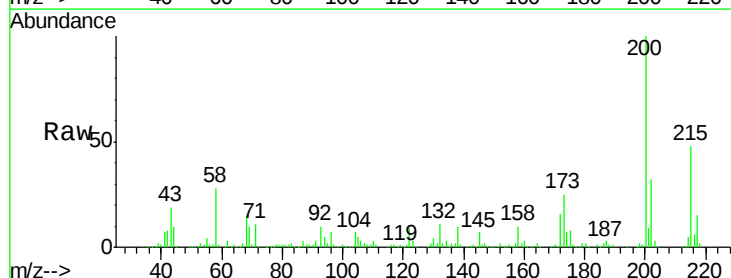
Instrument :
BNA_F
ClientSampleId :

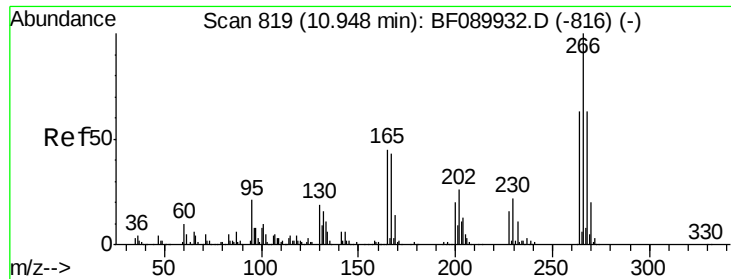
Tot Ion:284 Resp: 329463
Ion Ratio Lower Upper
284 100
142 45.9 32.7 49.1
249 34.3 26.9 40.3



#68
Atrazine
Concen: 53.60 ng
RT: 10.87 min Scan# 812
Delta R.T. 0.01 min
Lab File: BF089966.D
Acq: 1 Sep 2016 12:39

Tgt Ion:200 Resp: 348221
Ion Ratio Lower Upper
200 100
173 25.3 9.4 49.4
215 47.6 24.5 64.5

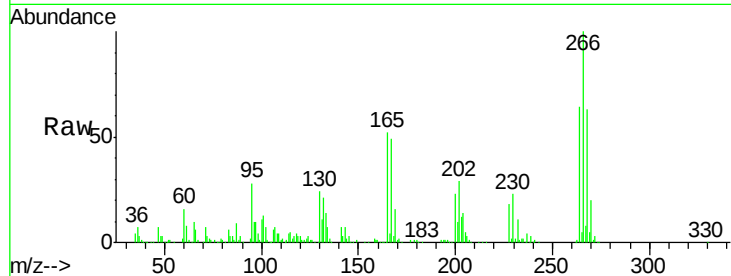




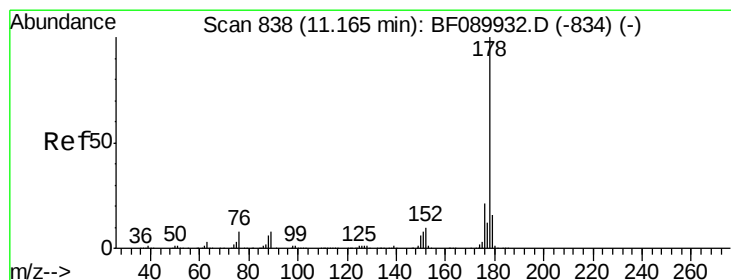
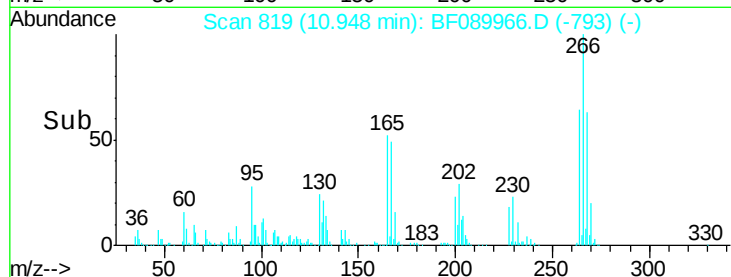
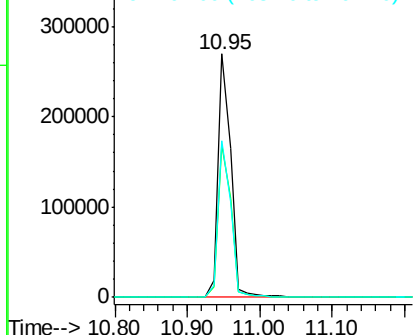
#69
 Pentachlorophenol
 Concen: 82.34 ng
 RT: 10.95 min Scan# 819
 Delta R.T. 0.00 min
 Lab File: BF089966.D
 Acq: 1 Sep 2016 12:39

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:266 Resp: 329740
 Ion Ratio Lower Upper
 266 100
 268 62.7 51.0 76.6
 264 64.2 50.6 75.8

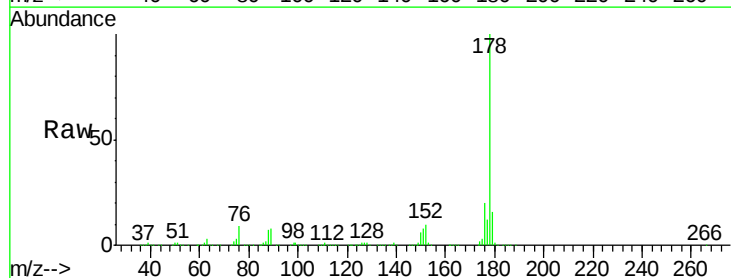


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

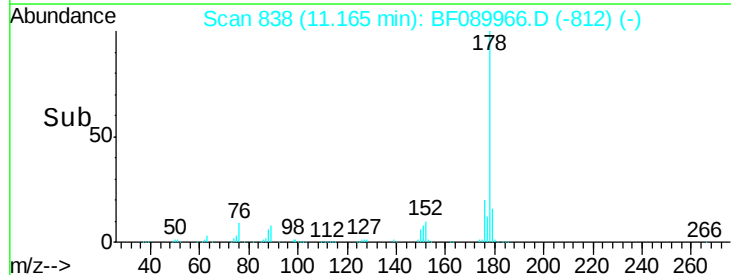
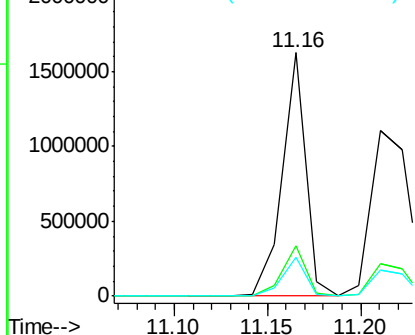


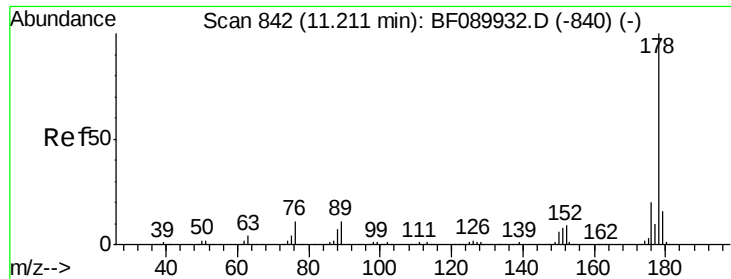
#70
 Phenanthrene
 Concen: 44.43 ng
 RT: 11.16 min Scan# 838
 Delta R.T. 0.00 min
 Lab File: BF089966.D
 Acq: 1 Sep 2016 12:39

Tgt Ion:178 Resp: 1431987
 Ion Ratio Lower Upper
 178 100
 176 20.4 16.5 24.7
 179 16.0 12.8 19.2



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

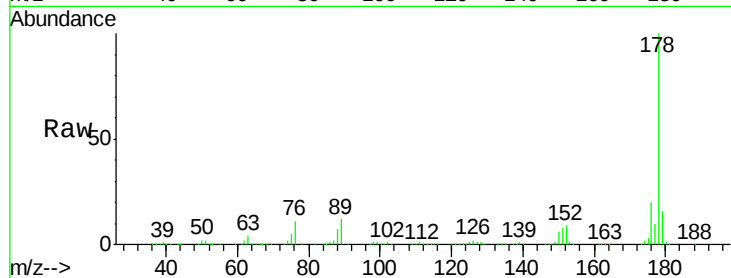




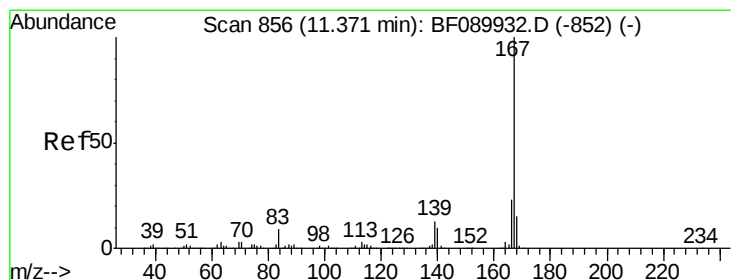
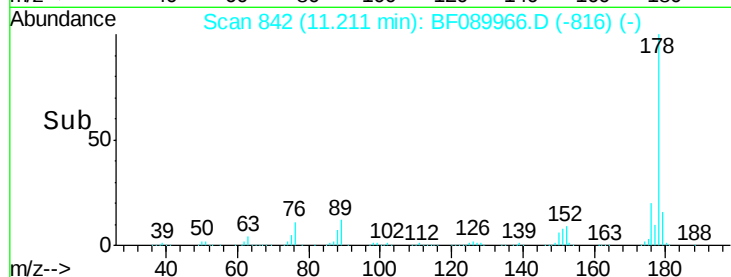
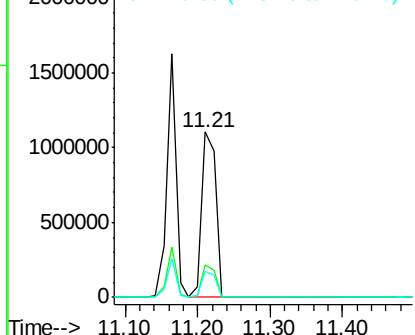
#71
 Anthracene
 Concen: 45.55 ng
 RT: 11.21 min Scan# 842
 Delta R.T. 0.00 min
 Lab File: BF089966.D
 Acq: 1 Sep 2016 12:39

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:178 Resp: 1489171
 Ion Ratio Lower Upper
 178 100
 176 19.6 15.8 23.8
 179 16.1 13.0 19.4

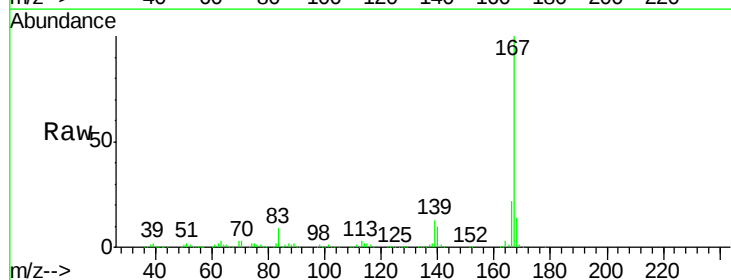


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

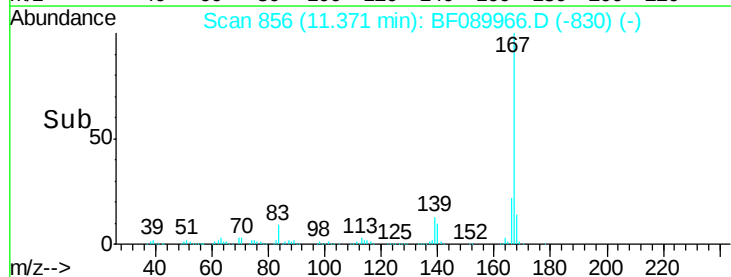
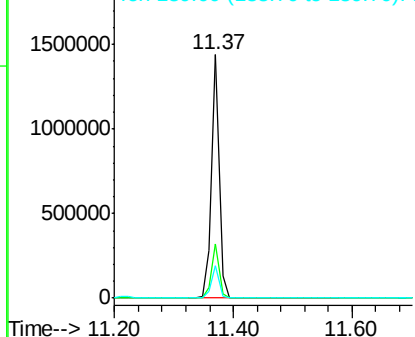


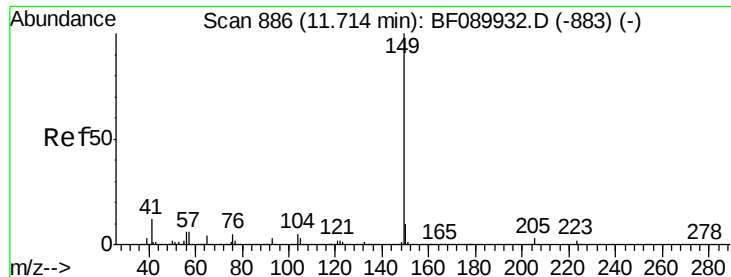
#72
 Carbazole
 Concen: 42.02 ng
 RT: 11.37 min Scan# 856
 Delta R.T. 0.00 min
 Lab File: BF089966.D
 Acq: 1 Sep 2016 12:39

Tgt Ion:167 Resp: 1288008
 Ion Ratio Lower Upper
 167 100
 166 22.4 18.1 27.1
 139 13.3 10.4 15.6



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





#73

Di-n-butylphthalate

Concen: 48.54 ng

RT: 11.72 min Scan# 887

Delta R.T. 0.01 min

Lab File: BF089966.D

Acq: 1 Sep 2016 12:39

Instrument :

BNA_F

ClientSampleId :

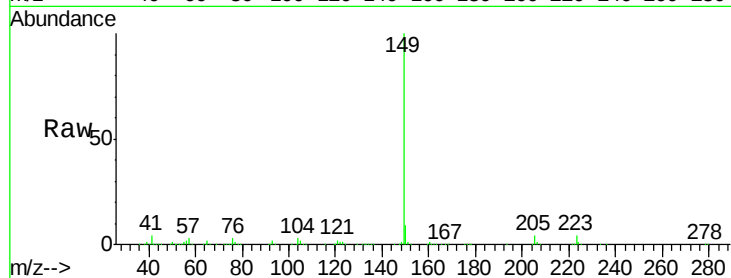
Tot Ion:149 Resp: 1734368

Ion Ratio Lower Upper

149 100

150 8.9 7.8 11.8

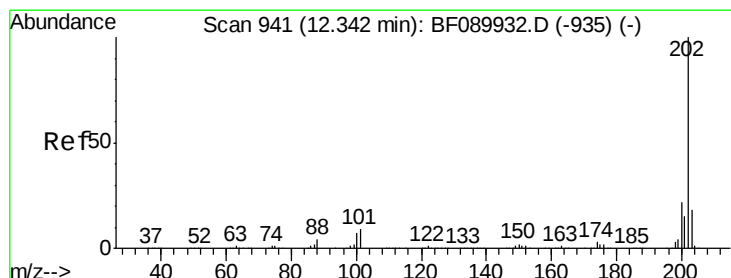
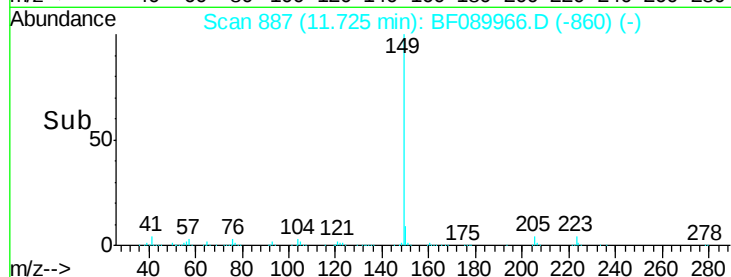
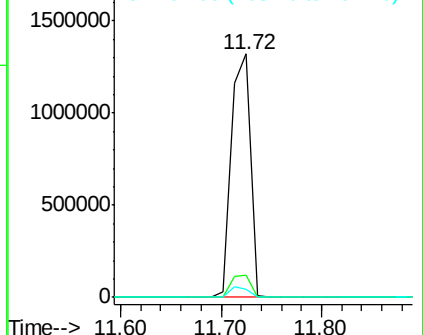
104 3.2 3.9 5.9#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 42.88 ng

RT: 12.34 min Scan# 941

Delta R.T. 0.00 min

Lab File: BF089966.D

Acq: 1 Sep 2016 12:39

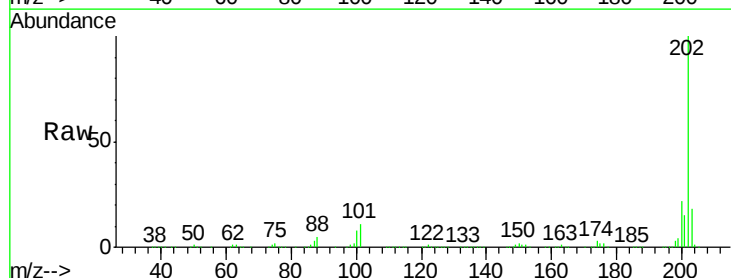
Tgt Ion:202 Resp: 1448323

Ion Ratio Lower Upper

202 100

101 10.7 0.0 28.5

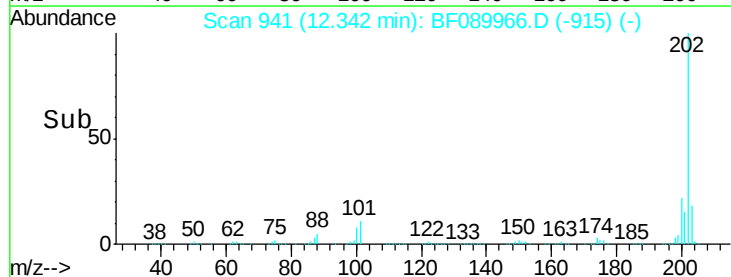
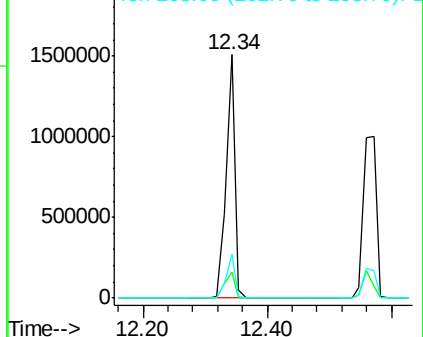
203 18.0 0.0 38.0

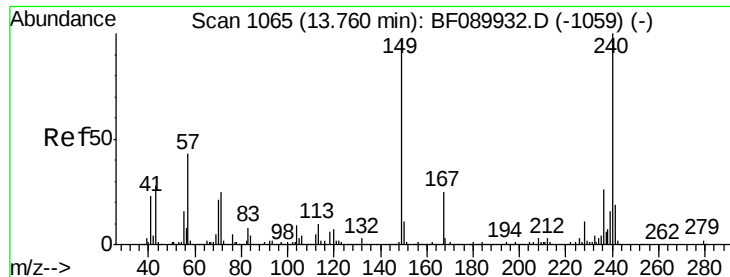


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.76 min Scan# 1065

Delta R.T. 0.00 min

Lab File: BF089966.D

Acq: 1 Sep 2016 12:39

Instrument :

BNA_F

ClientSampleId :

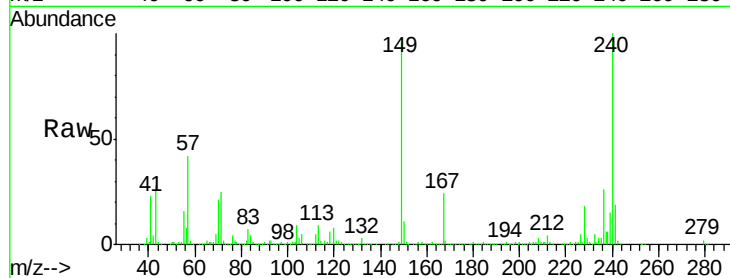
Tot Ion:240 Resp: 461496

Ion Ratio Lower Upper

240 100

120 7.6 5.7 8.5

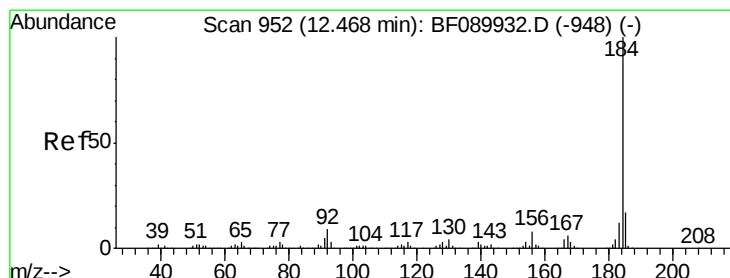
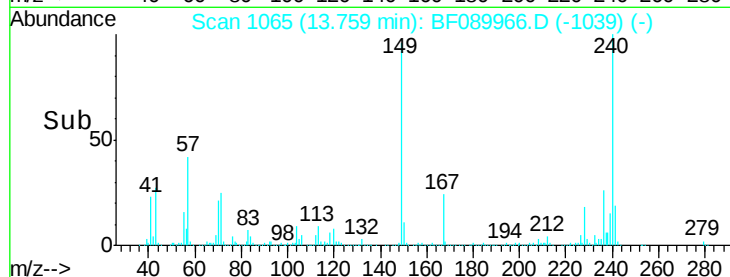
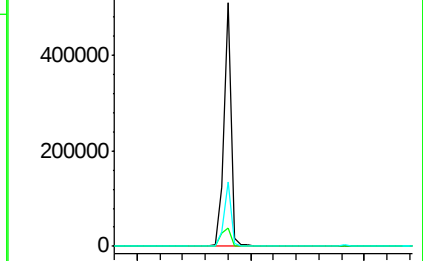
236 26.3 21.3 31.9



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 28.05 ng

RT: 12.47 min Scan# 952

Delta R.T. 0.00 min

Lab File: BF089966.D

Acq: 1 Sep 2016 12:39

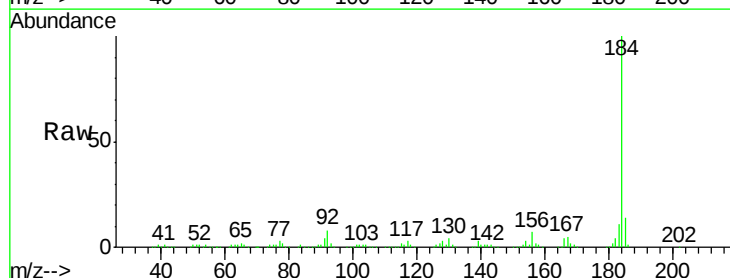
Tgt Ion:184 Resp: 490392

Ion Ratio Lower Upper

184 100

185 14.4 13.8 20.8

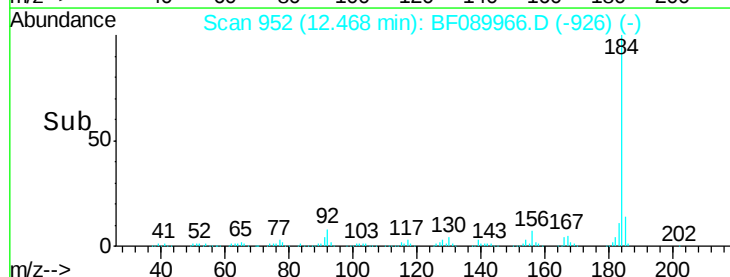
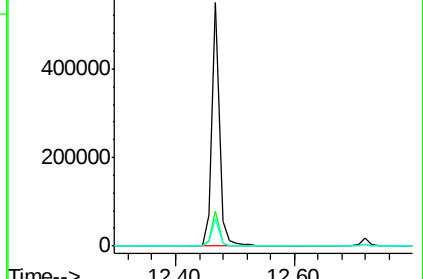
183 11.3 9.6 14.4

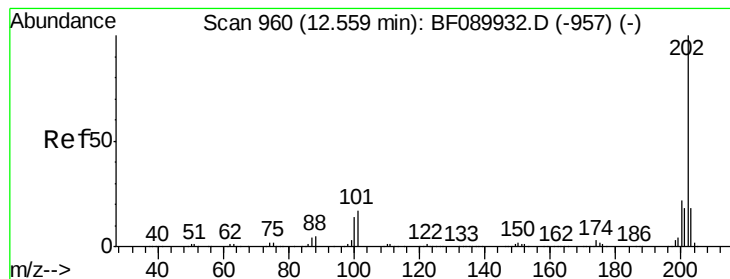


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 44.07 ng

RT: 12.57 min Scan# 961

Delta R.T. 0.01 min

Lab File: BF089966.D

Acq: 1 Sep 2016 12:39

Instrument :

BNA_F

ClientSampleId :

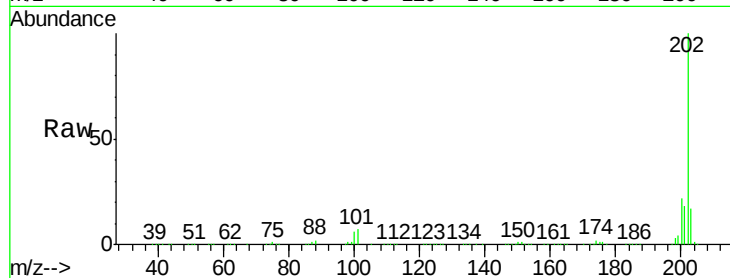
Tot Ion:202 Resp: 1433948

Ion Ratio Lower Upper

202 100

200 21.6 17.6 26.4

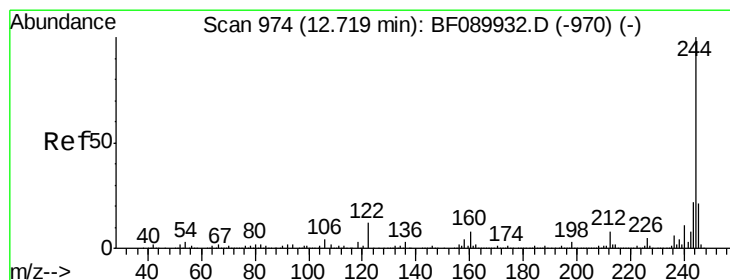
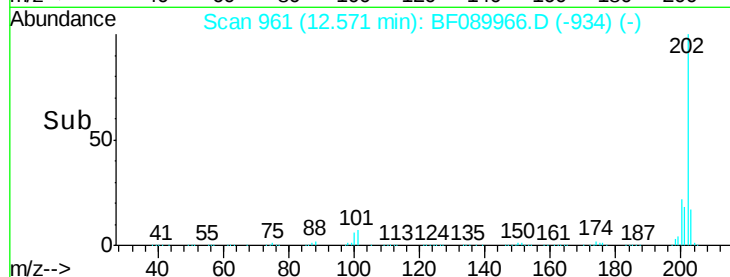
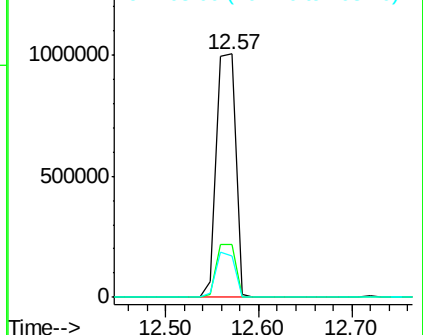
203 17.0 14.6 21.8



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 81.45 ng

RT: 12.72 min Scan# 974

Delta R.T. 0.00 min

Lab File: BF089966.D

Acq: 1 Sep 2016 12:39

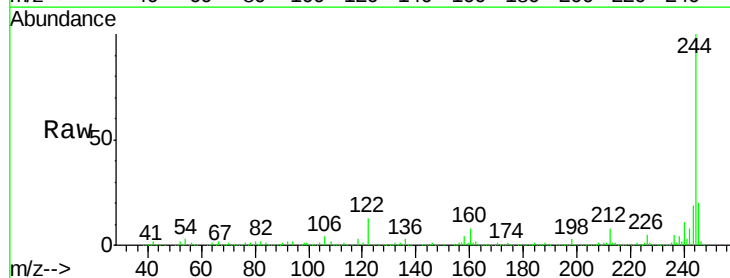
Tgt Ion:244 Resp: 1521727

Ion Ratio Lower Upper

244 100

212 7.6 6.1 9.1

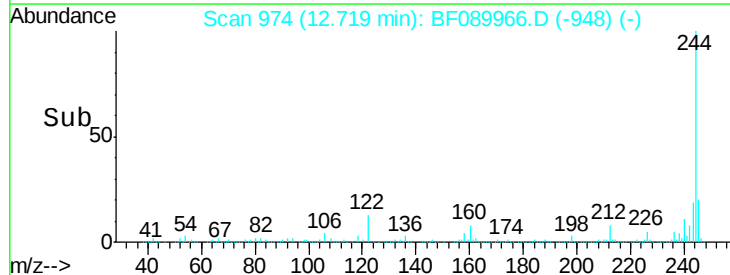
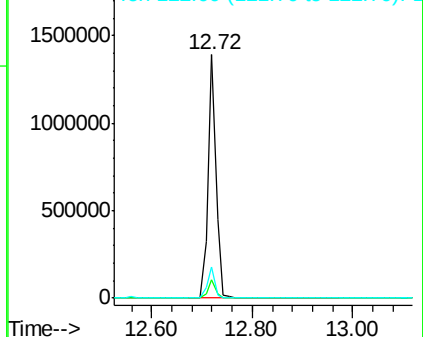
122 12.7 9.6 14.4



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

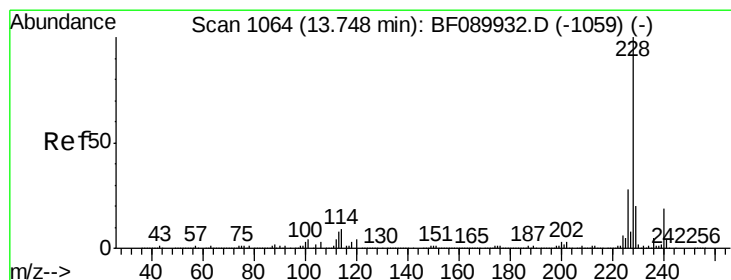
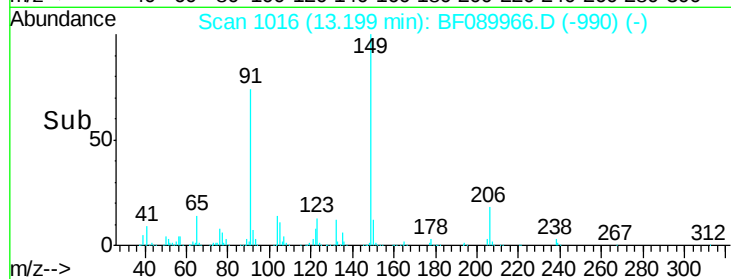
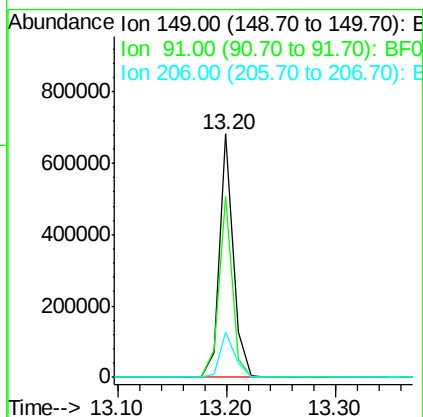
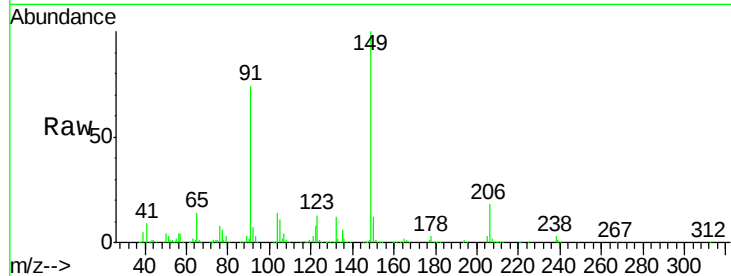




#79
Butylbenzylphthalate
Concen: 46.31 ng
RT: 13.20 min Scan# 1016
Delta R.T. 0.00 min
Lab File: BF089966.D
Acq: 1 Sep 2016 12:39

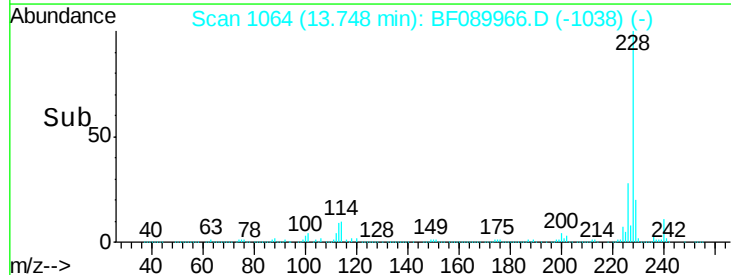
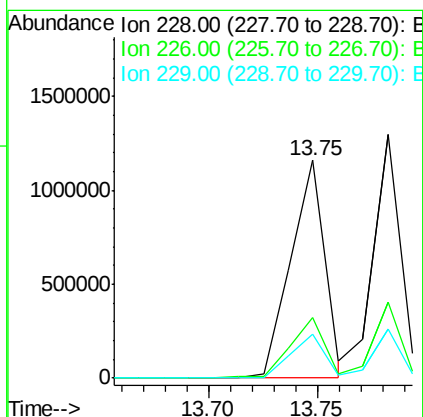
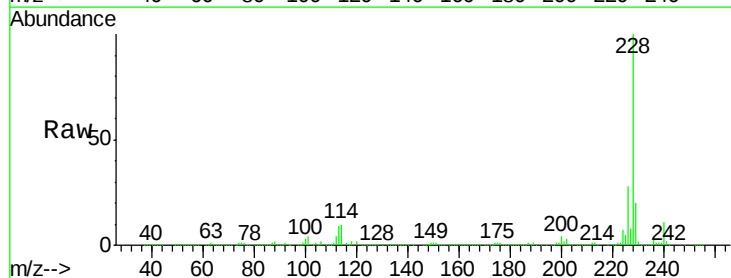
Instrument :
BNA_F
ClientSampled :

Tot Ion:149 Resp: 607670
Ion Ratio Lower Upper
149 100
91 74.3 60.0 90.0
206 18.3 15.1 22.7



#80
Benzo(a)anthracene
Concen: 44.85 ng
RT: 13.75 min Scan# 1064
Delta R.T. 0.00 min
Lab File: BF089966.D
Acq: 1 Sep 2016 12:39

Tgt Ion:228 Resp: 1267747
Ion Ratio Lower Upper
228 100
226 28.1 22.2 33.2
229 20.1 15.8 23.6

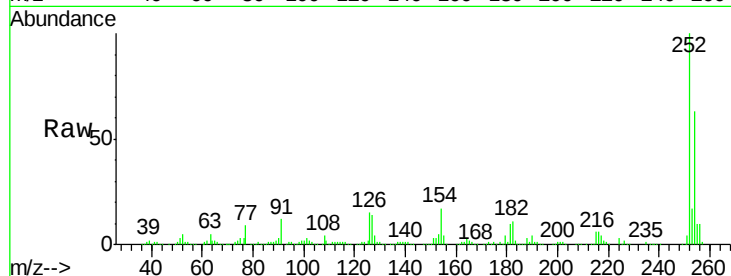




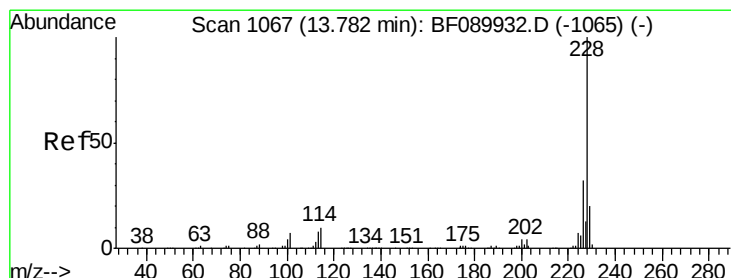
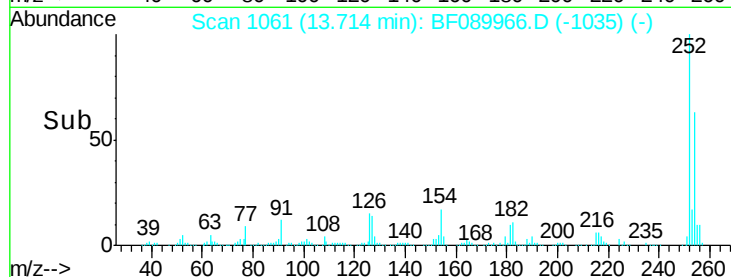
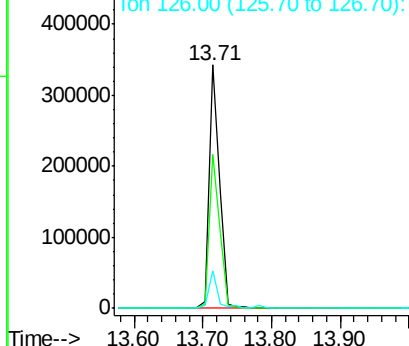
#81
 3,3'-Dichlorobenzidine
 Concen: 35.72 ng
 RT: 13.71 min Scan# 1061
 Delta R.T. 0.00 min
 Lab File: BF089966.D
 Acq: 1 Sep 2016 12:39

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:252 Resp: 364414
 Ion Ratio Lower Upper
 252 100
 254 63.0 51.3 76.9
 126 15.2 12.3 18.5

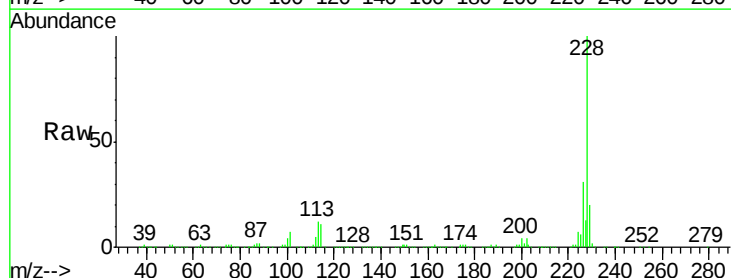


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

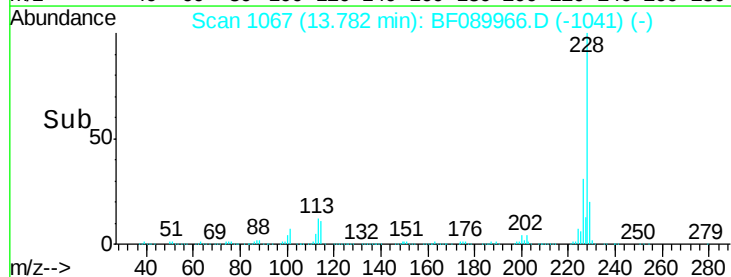
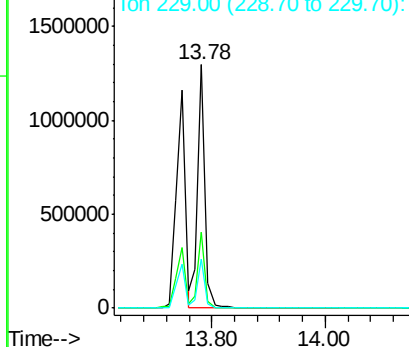


#82
 Chrysene
 Concen: 44.05 ng
 RT: 13.78 min Scan# 1067
 Delta R.T. 0.00 min
 Lab File: BF089966.D
 Acq: 1 Sep 2016 12:39

Tgt Ion:228 Resp: 1163083
 Ion Ratio Lower Upper
 228 100
 226 31.0 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: 47.64 ng

RT: 13.77 min Scan# 1066

Delta R.T. 0.00 min

Lab File: BF089966.D

Acq: 1 Sep 2016 12:39

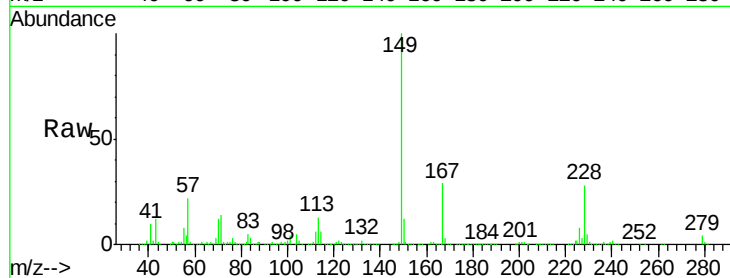
Instrument :

BNA_F

ClientSampleId :

Tot Ion:149 Resp: 864651

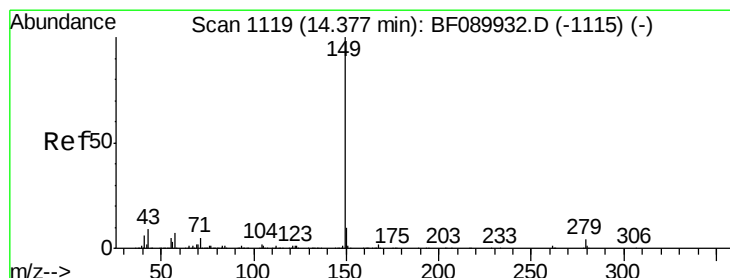
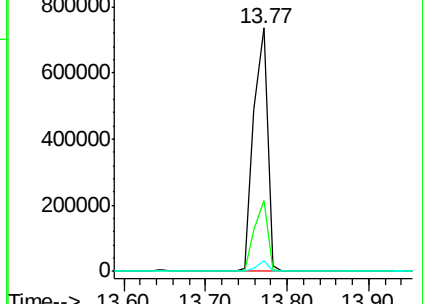
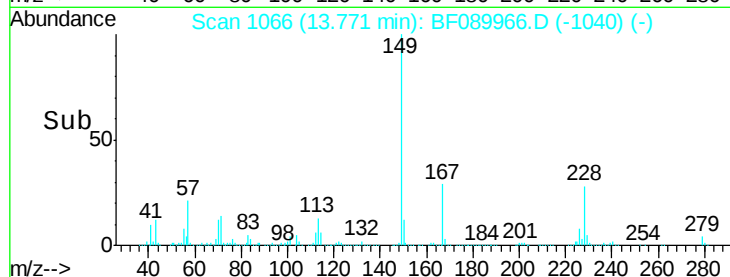
Ion	Ratio	Lower	Upper
149	100		
167	29.0	23.6	35.4
279	4.2	3.4	5.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 51.04 ng

RT: 14.38 min Scan# 1119

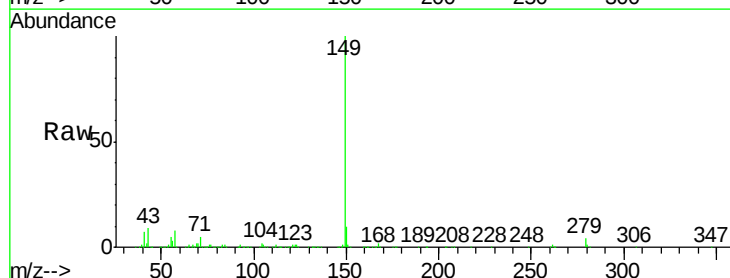
Delta R.T. 0.00 min

Lab File: BF089966.D

Acq: 1 Sep 2016 12:39

Tgt Ion:149 Resp: 1495179

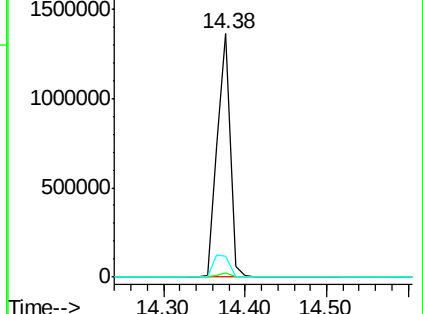
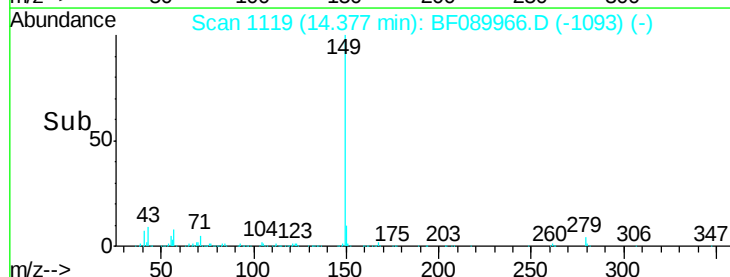
Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	11.5	9.3	13.9

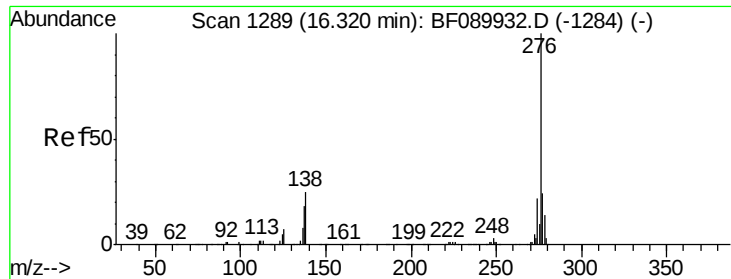


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

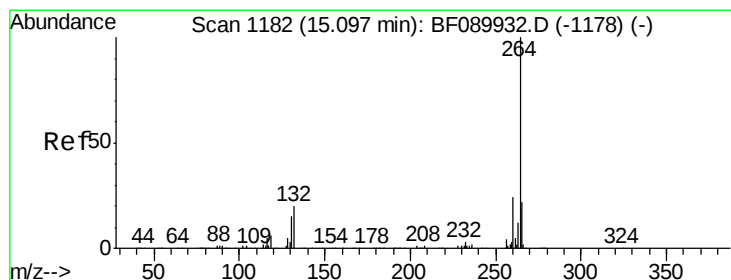
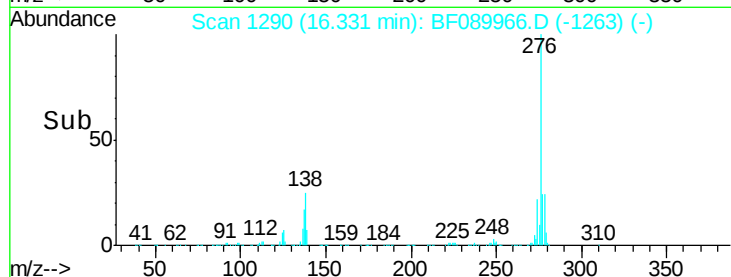
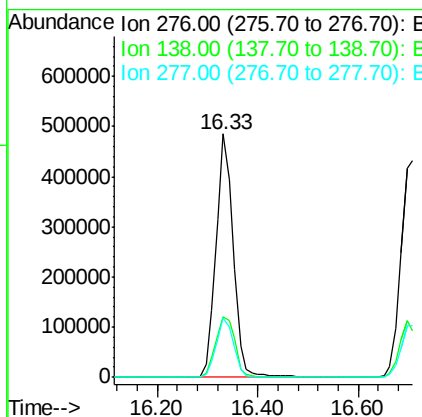
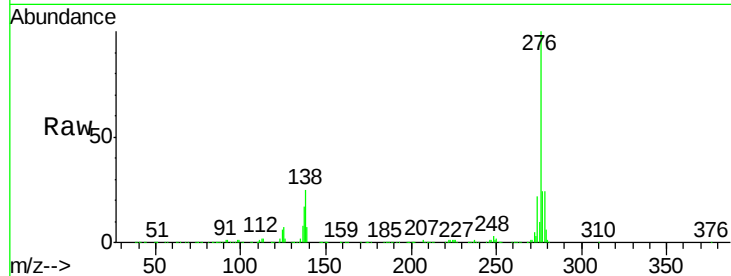




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 59.66 ng
 RT: 16.33 min Scan# 1290
 Delta R.T. 0.01 min
 Lab File: BF089966.D
 Acq: 1 Sep 2016 12:39

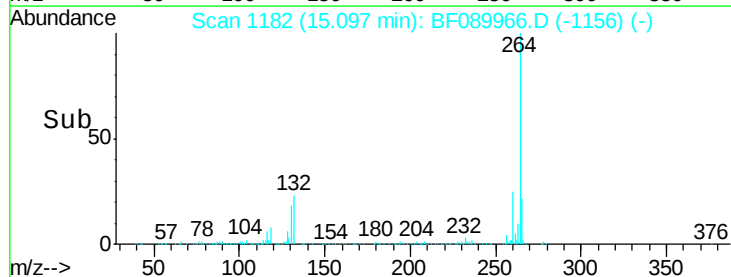
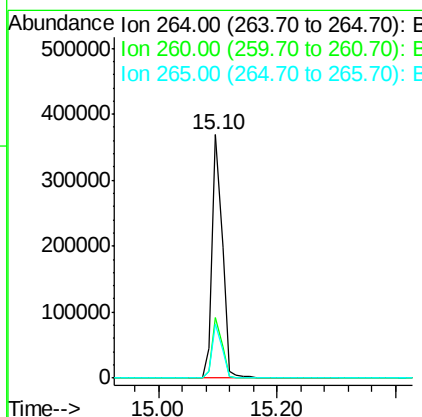
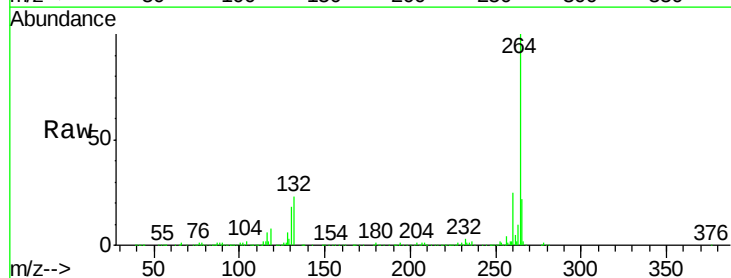
Instrument :
 BNA_F
 ClientSampleId :

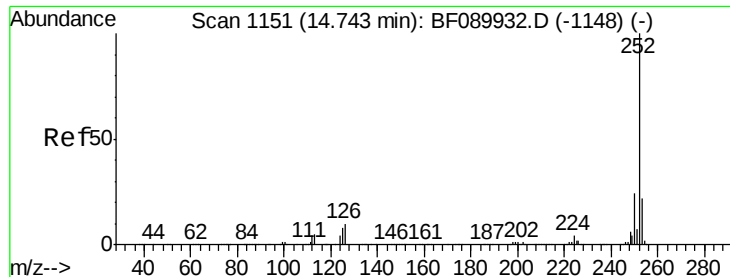
Tot Ion:276 Resp: 1164643
 Ion Ratio Lower Upper
 276 100
 138 28.2 22.6 34.0
 277 24.9 20.1 30.1



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.10 min Scan# 1182
 Delta R.T. 0.00 min
 Lab File: BF089966.D
 Acq: 1 Sep 2016 12:39

Tgt Ion:264 Resp: 439204
 Ion Ratio Lower Upper
 264 100
 260 24.7 19.4 29.0
 265 22.1 17.4 26.2





#87

Benzo(b)fluoranthene

Concen: 85.38 ng

RT: 14.77 min Scan# 1153

Delta R.T. 0.02 min

Lab File: BF089966.D

Acq: 1 Sep 2016 12:39

Instrument :

BNA_F

ClientSampled :

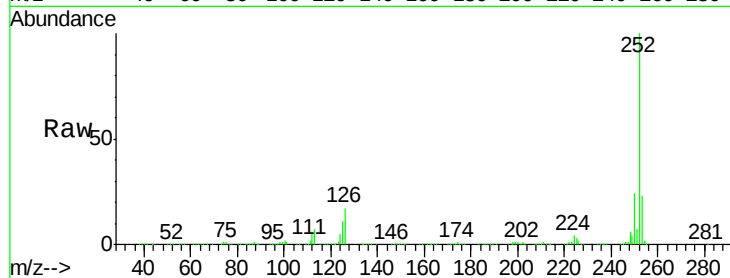
Tot Ion:252 Resp: 2349146

Ion Ratio Lower Upper

252 100

253 22.8 18.0 27.0

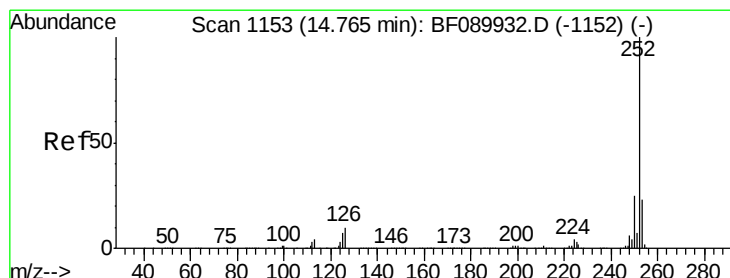
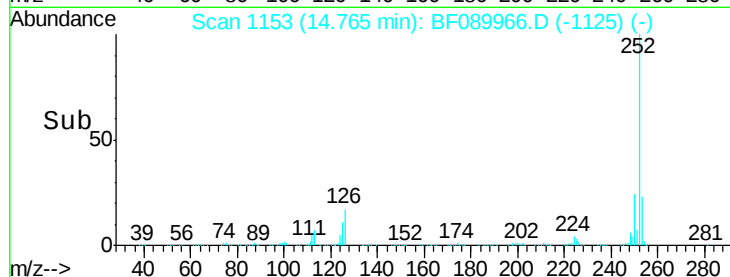
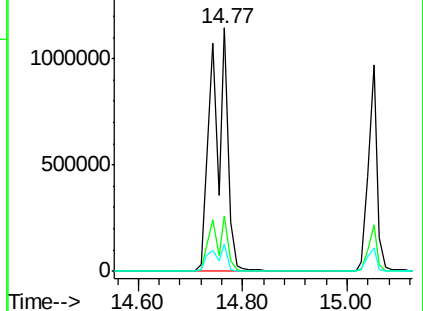
125 11.2 5.7 8.5#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 100.62 ng

RT: 14.77 min Scan# 1153

Delta R.T. 0.00 min

Lab File: BF089966.D

Acq: 1 Sep 2016 12:39

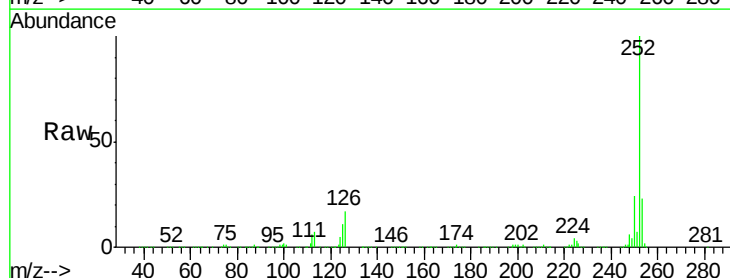
Tgt Ion:252 Resp: 2349146

Ion Ratio Lower Upper

252 100

253 22.8 17.8 26.8

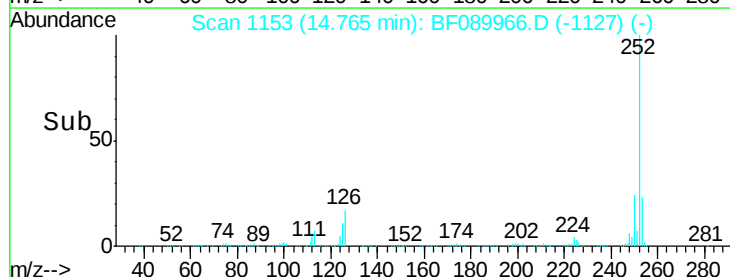
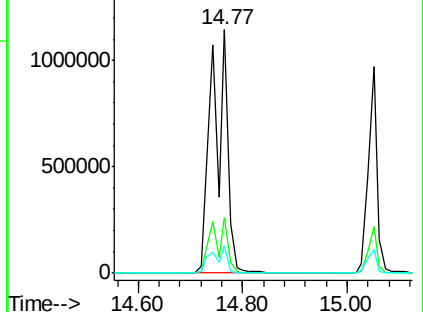
125 11.2 7.3 10.9#

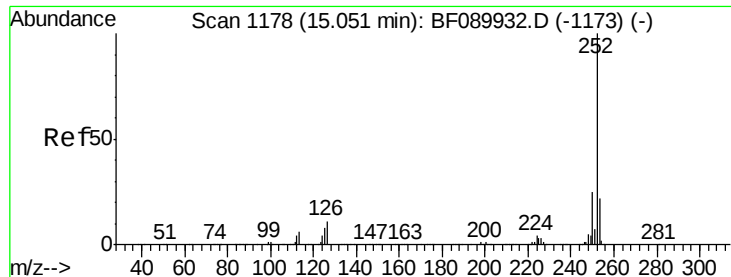


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

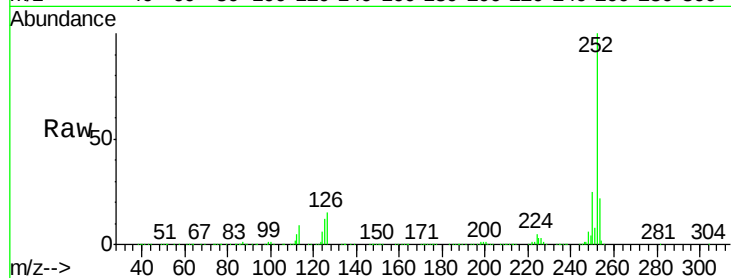




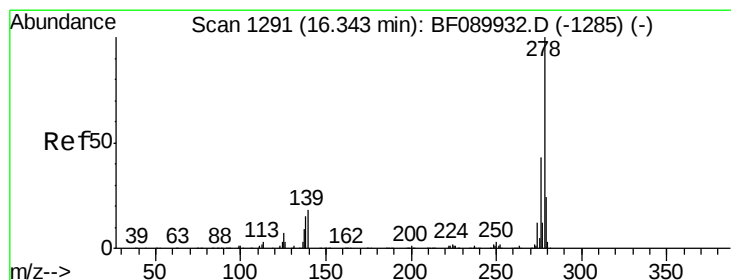
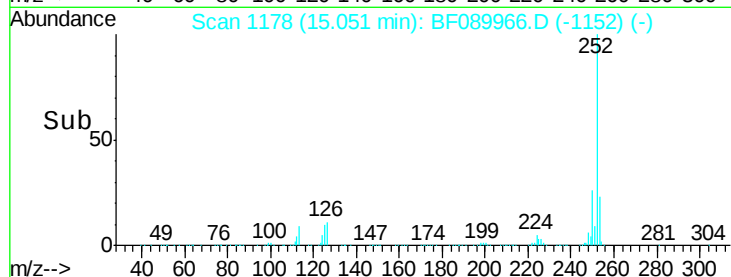
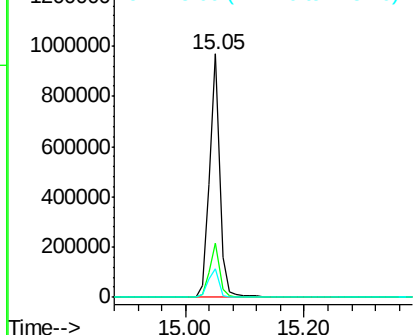
#89
Benzo(a)pyrene
Concen: 48.80 ng
RT: 15.05 min Scan# 1178
Delta R.T. 0.00 min
Lab File: BF089966.D
Acq: 1 Sep 2016 12:39

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 1150473
Ion Ratio Lower Upper
252 100
253 22.3 17.5 26.3
125 11.6 6.3 9.5#

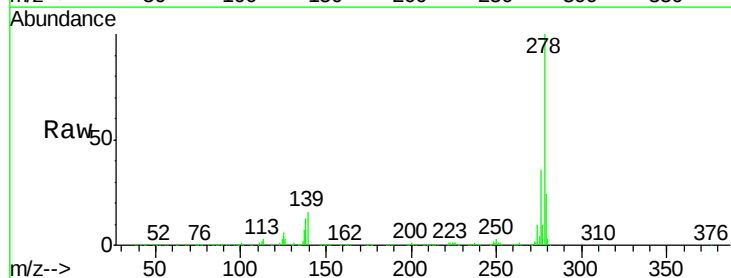


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

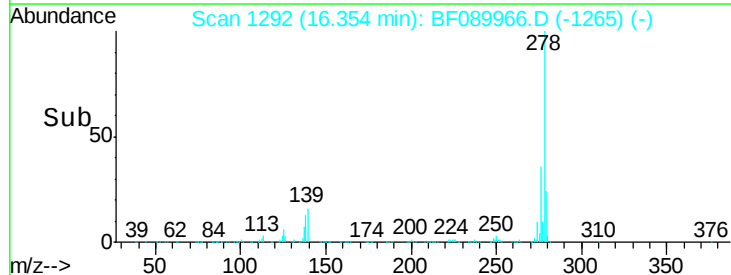
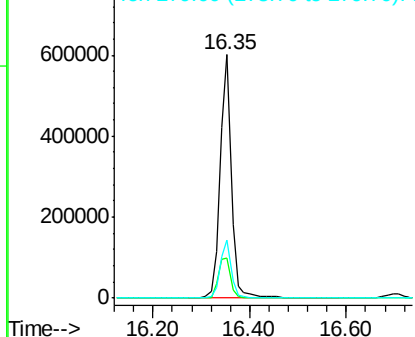


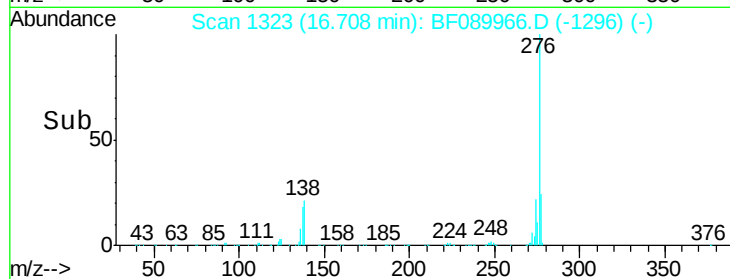
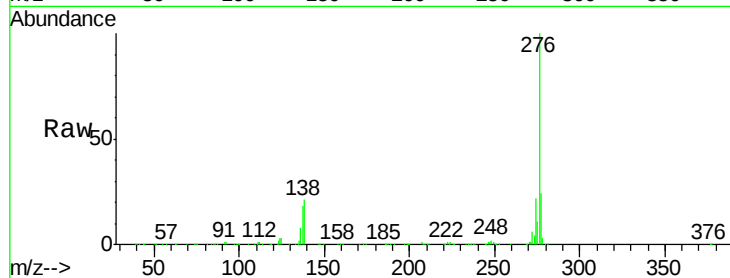
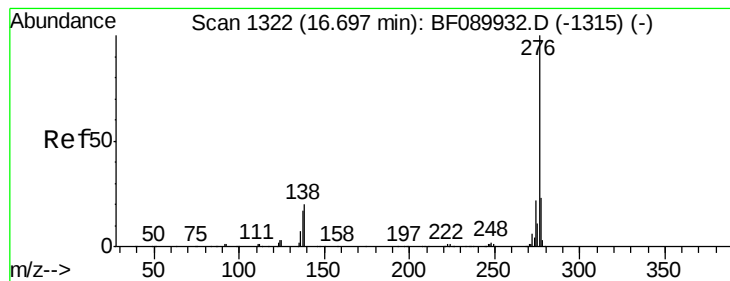
#90
Dibenzo(a,h)anthracene
Concen: 56.97 ng
RT: 16.35 min Scan# 1292
Delta R.T. 0.01 min
Lab File: BF089966.D
Acq: 1 Sep 2016 12:39

Tgt Ion:278 Resp: 984011
Ion Ratio Lower Upper
278 100
139 16.3 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: 53.87 ng

RT: 16.71 min Scan# 1323

Delta R.T. 0.01 min

Lab File: BF089966.D

Acq: 1 Sep 2016 12:39

Instrument :

BNA_F

ClientSampleId :

Tot Ion:276 Resp: 936656

Ion Ratio Lower Upper

276 100

277 23.6 19.0 28.4

138 21.3 16.4 24.6

