

Data Path : Z:\HPCHEM1\BNA F\DATA\BF083116\
 Data File : BF089957.D
 Acq On : 31 Aug 2016 18:24
 Operator : UM/SJ
 Sample : H4645-01MS
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MSP-BPMMS

Quant Time: Aug 31 19:29:37 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	194712	20.00	ng	0.00
21) Naphthalene-d8	7.92	136	727569	20.00	ng	-0.01
38) Acenaphthene-d10	9.67	164	349629	20.00	ng	0.00
63) Phenanthrene-d10	11.14	188	566068	20.00	ng	0.00
75) Chrysene-d12	13.76	240	384082	20.00	ng	0.00
86) Perylene-d12	15.10	264	443697	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.22	112	1316481	108.22	ng	0.01
7) Phenol-d6	6.28	99	1714483	115.99	ng	0.01
23) Nitrobenzene-d5	7.21	82	1104921	88.07	ng	0.00
41) 2,4,6-Tribromophenol	10.46	330	397344	115.19	ng	0.00
44) 2-Fluorobiphenyl	9.00	172	1931039	90.66	ng	0.00
78) Terphenyl-d14	12.72	244	1311524	84.35	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.15	88	180923	31.39	ng	99
3) Pyridine	2.79	79	307481	20.00	ng	97
4) n-Nitrosodimethylamine	2.73	42	310030	40.89	ng	99
6) Aniline	6.30	93	565550	28.04	ng	# 68
8) 2-Chlorophenol	6.42	128	501357	37.99	ng	93
9) Benzaldehyde	6.17	77	104331	10.94	ng	87
10) Phenol	6.30	94	538633	31.34	ng	99
11) bis(2-Chloroethyl)ether	6.39	93	516987	39.75	ng	87
12) 1,3-Dichlorobenzene	6.58	146	573742	38.93	ng	98
13) 1,4-Dichlorobenzene	6.65	146	549579	36.44	ng	99
14) 1,2-Dichlorobenzene	6.81	146	549470	40.64	ng	99
15) Benzyl Alcohol	6.79	79	367584	39.70	ng	99
16) 2,2'-oxybis(1-Chloropropan	6.94	45	1003365	40.46	ng	98
17) 2-Methylphenol	6.91	107	444077	42.13	ng	97
18) Hexachloroethane	7.15	117	198431	38.41	ng	96
19) n-Nitroso-di-n-propylamine	7.07	70	379673	39.42	ng	98
20) 3+4-Methylphenols	7.06	107	468909	36.70	ng	95
22) Acetophenone	7.05	105	633194	38.79	ng	# 92
24) Nitrobenzene	7.22	77	490668	36.79	ng	97
25) Isophorone	7.47	82	1028222	40.30	ng	98
26) 2-Nitrophenol	7.54	139	269759	42.31	ng	97
27) 2,4-Dimethylphenol	7.59	122	478618	40.58	ng	99
28) bis(2-Chloroethoxy)methane	7.69	93	694224	45.12	ng	100
29) 2,4-Dichlorophenol	7.78	162	416662	39.41	ng	99
30) 1,2,4-Trichlorobenzene	7.87	180	489471	42.35	ng	99
31) Naphthalene	7.94	128	1369961	37.80	ng	99
32) Benzoic acid	7.68	122	90609	11.41	ng	92
33) 4-Chloroaniline	8.00	127	416016	28.45	ng	96
34) Hexachlorobutadiene	8.07	225	266017	39.27	ng	97
35) Caprolactam	8.36	113	137518	41.21	ng	92
36) 4-Chloro-3-methylphenol	8.49	107	468135	41.81	ng	92
37) 2-Methylnaphthalene	8.64	142	1015579	42.40	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.80	216	359637	35.11	ng	100
40) Hexachlorocyclopentadiene	8.79	237	325755	62.03	ng	94

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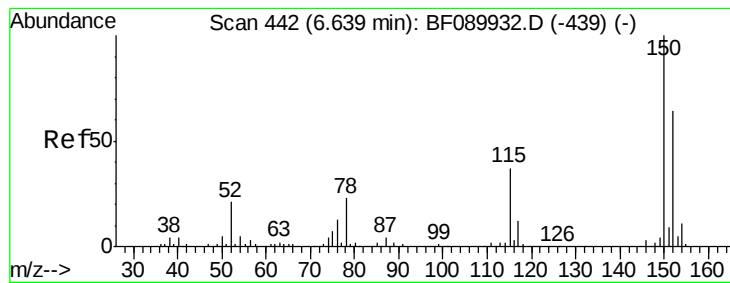
Instrument :
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Quant Time: Aug 31 19:29:37 2016
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

42) 2,4,6-Trichlorophenol	8.91	196	303030	42.69	nq	97
43) 2,4,5-Trichlorophenol	8.96	196	304072	44.55	nq	# 89
45) 1,1'-Biphenyl	9.10	154	962284	34.18	nq	99
46) 2-Chloronaphthalene	9.12	162	868173	43.60	nq	100
47) 2-Nitroaniline	9.21	65	263261	40.44	nq	99
48) Acenaphthylene	9.53	152	1314671	39.93	nq	99
49) Dimethylphthalate	9.40	163	1303351	51.58	nq	100
50) 2,6-Dinitrotoluene	9.46	165	229281	40.79	nq	100
51) Acenaphthene	9.70	154	848687	40.68	nq	100
52) 3-Nitroaniline	9.62	138	179470	28.00	nq	98
53) 2,4-Dinitrophenol	9.72	184	105883	38.73	nq	99
54) Dibenzofuran	9.87	168	1179786	42.20	nq	100
55) 4-Nitrophenol	9.79	139	315962	65.35	nq	# 64
56) 2,4-Dinitrotoluene	9.86	165	315775	44.30	nq	99
57) Fluorene	10.22	166	887545	43.45	nq	99
58) 2,3,4,6-Tetrachlorophenol	9.99	232	226459	38.75	nq	99
59) Diethylphthalate	10.10	149	938293	39.47	nq	99
60) 4-Chlorophenyl-phenylether	10.22	204	415521	43.22	nq	99
61) 4-Nitroaniline	10.23	138	196208	31.15	nq	87
62) Azobenzene	10.36	77	964013	40.60	nq	99
64) 4,6-Dinitro-2-methylphenol	10.26	198	107883	29.77	nq	86
65) n-Nitrosodiphenylamine	10.33	169	788121	46.31	nq	99
66) 4-Bromophenyl-phenylether	10.70	248	259792	45.59	nq	98
67) Hexachlorobenzene	10.75	284	251232	38.59	nq	100
68) Atrazine	10.86	200	229819	40.45	nq	99
69) Pentachlorophenol	10.95	266	250853	71.63	nq	98
70) Phenanthrene	11.16	178	1209433	42.90	nq	99
71) Anthracene	11.21	178	1125409	39.36	nq	99
72) Carbazole	11.37	167	1098266	40.97	nq	99
73) Di-n-butylphthalate	11.71	149	1300605	41.62	nq	99
74) Fluoranthene	12.34	202	1153870	39.06	nq	98
76) Benzidine	12.47	184	464253	31.91	nq	97
77) Pyrene	12.56	202	1036626	38.28	nq	100
79) Butylbenzylphthalate	13.20	149	497550	45.56	nq	94
80) Benzo(a)anthracene	13.75	228	1033660	43.94	nq	100
81) 3,3'-Dichlorobenzidine	13.71	252	353810	41.67	nq	# 98
82) Chrysene	13.78	228	1006453	45.80	nq	99
83) Bis(2-ethylhexyl)phthalate	13.76	149	640909	42.43	nq	# 93
84) Di-n-octyl phthalate	14.38	149	1188331	48.74	nq	100
85) Indeno(1,2,3-cd)pyrene	16.33	276	1105295	68.04	nq	99
87) Benzo(b)fluoranthene	14.77	252	2064778	74.28	nq	# 98
88) Benzo(k)fluoranthene	14.77	252	2066344	87.61	nq	99
89) Benzo(a)pyrene	15.05	252	1045814	43.92	nq	99
90) Dibenzo(a,h)anthracene	16.34	278	931719	53.40	nq	# 96
91) Benzo(g,h,i)perylene	16.70	276	904516	51.50	nq	# 94

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

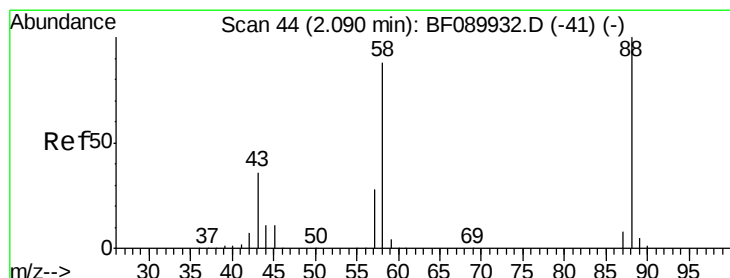
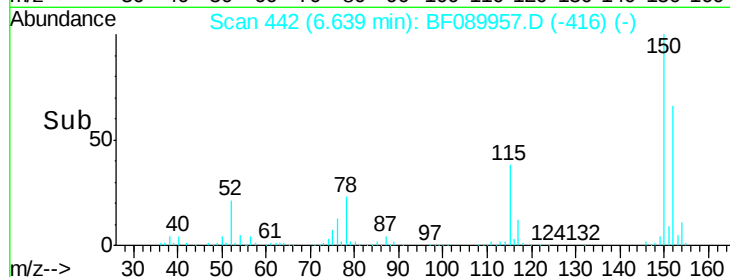
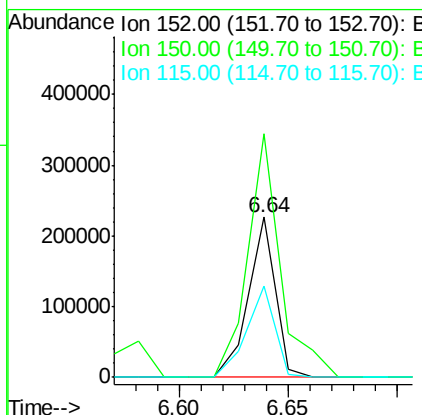
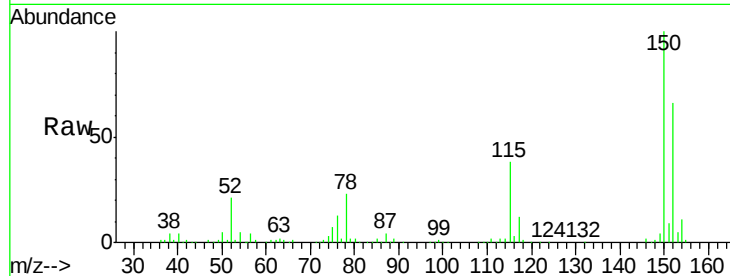


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.64 min Scan# 442
Delta R.T. 0.00 min
Lab File: BF089957.D
Acq: 31 Aug 2016 18:24

Instrument :
BNA_F
ClientSampleId :
MSP-BPMMS

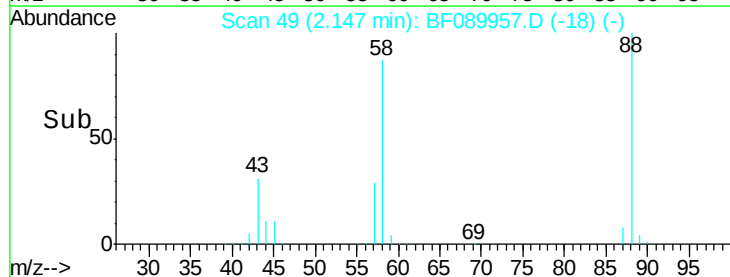
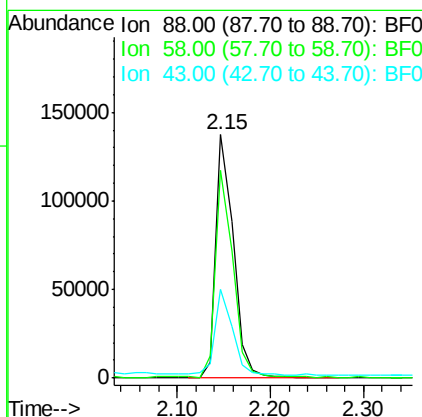
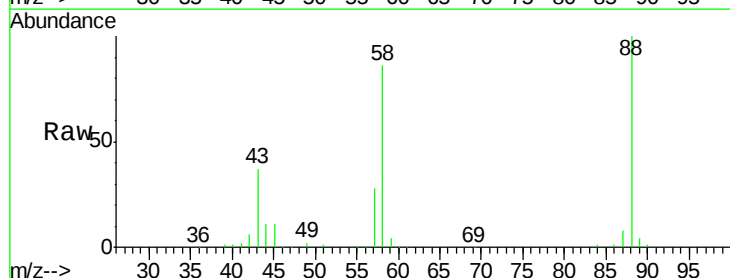
Tot Ion:152 Resp: 194712
Ion Ratio Lower Upper
152 100
150 152.0 127.4 191.2
115 57.3 46.3 69.5

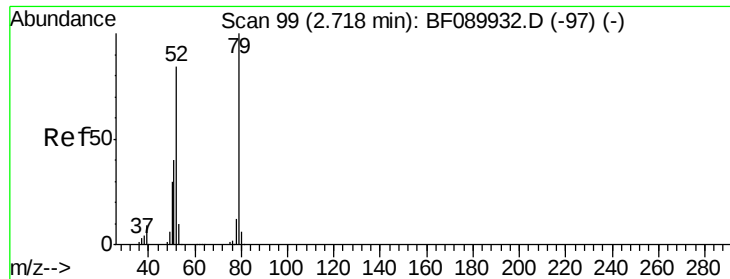


#2

1,4-Dioxane
Concen: 31.39 ng
RT: 2.15 min Scan# 49
Delta R.T. 0.06 min
Lab File: BF089957.D
Acq: 31 Aug 2016 18:24

Tgt Ion: 88 Resp: 180923
Ion Ratio Lower Upper
88 100
58 84.7 68.8 103.2
43 34.1 27.0 40.6





#3

Pvridine

Concen: 20.00 ng

RT: 2.79 min Scan# 105

Delta R.T. 0.07 min

Lab File: BF089957.D

Acq: 31 Aug 2016 18:24

Instrument :

BNA_F

ClientSampleId :

MSP-BPMMS

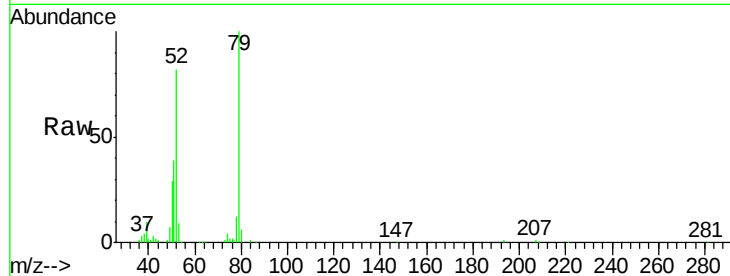
Tot Ion: 79 Resp: 307481

Ion Ratio Lower Upper

79 100

52 82.3 67.8 101.6

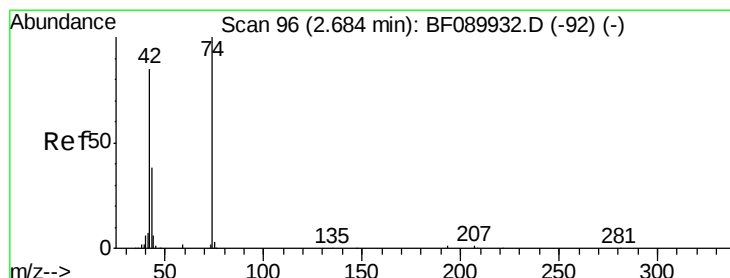
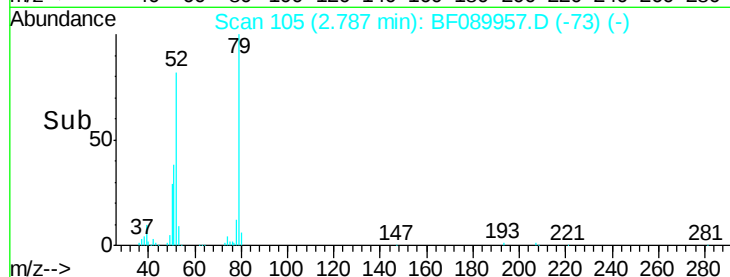
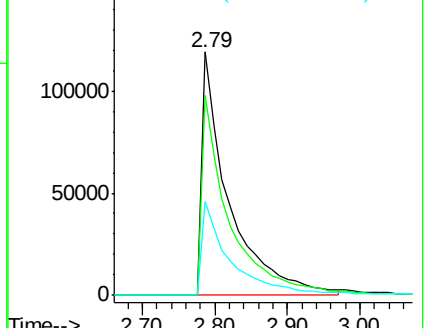
51 38.7 32.9 49.3



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 40.89 ng

RT: 2.73 min Scan# 100

Delta R.T. 0.05 min

Lab File: BF089957.D

Acq: 31 Aug 2016 18:24

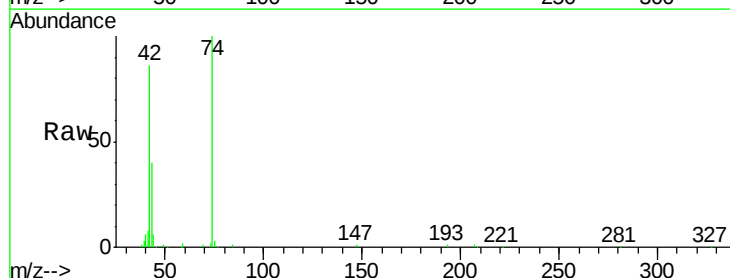
Tgt Ion: 42 Resp: 310030

Ion Ratio Lower Upper

42 100

74 116.1 92.0 138.0

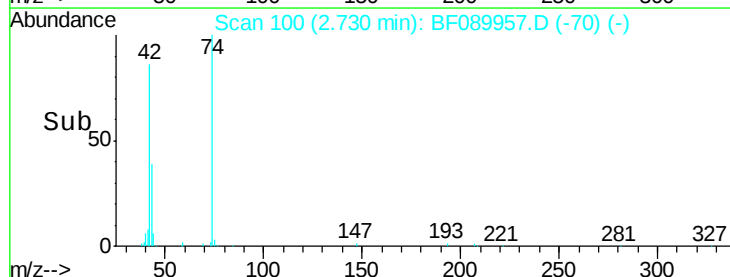
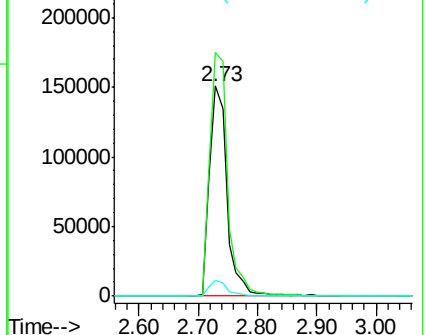
44 7.2 5.8 8.8

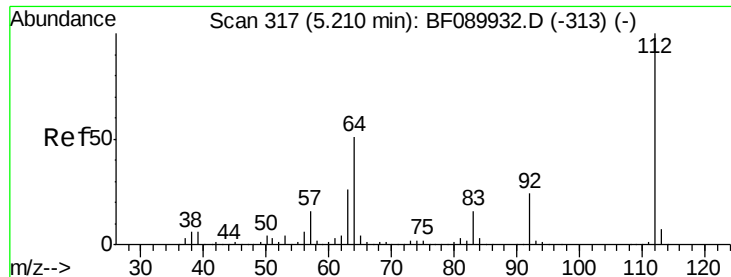


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 108.22 ng

RT: 5.22 min Scan# 318

Delta R.T. 0.01 min

Lab File: BF089957.D

Acq: 31 Aug 2016 18:24

Instrument :

BNA_F

ClientSampleId :

MSP-BPMMS

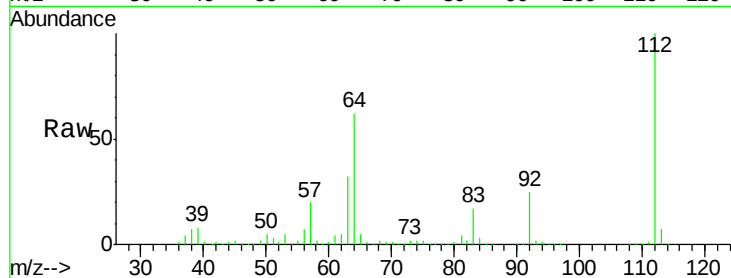
Tot Ion:112 Resp: 1316481

Ion Ratio Lower Upper

112 100

64 62.1 41.1 61.7#

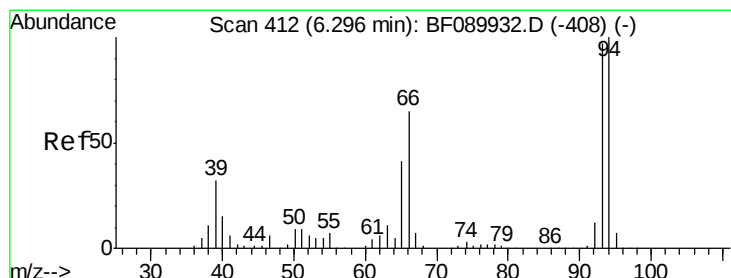
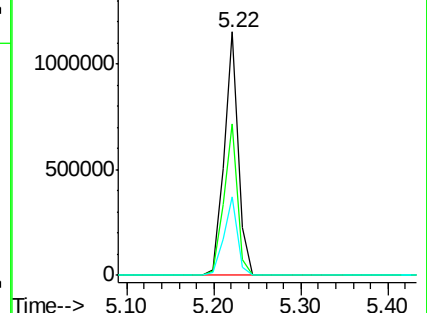
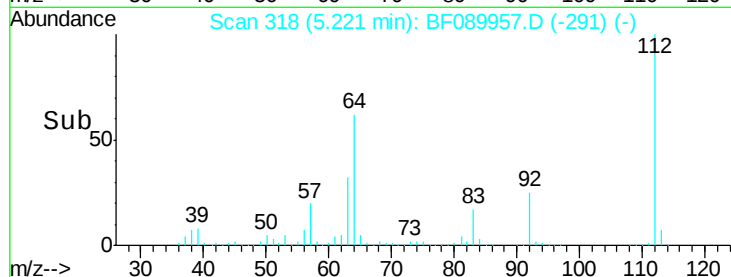
63 32.0 21.2 31.8#



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: 28.04 ng

RT: 6.30 min Scan# 412

Delta R.T. 0.00 min

Lab File: BF089957.D

Acq: 31 Aug 2016 18:24

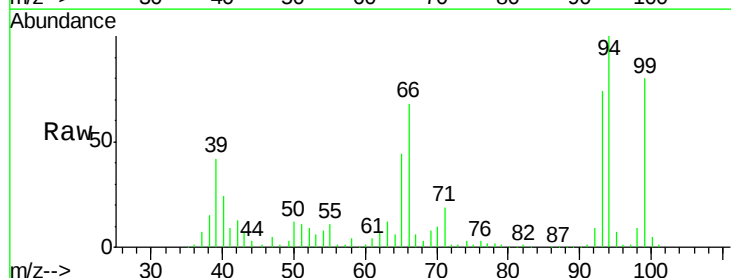
Tgt Ion: 93 Resp: 565550

Ion Ratio Lower Upper

93 100

66 92.8 52.9 79.3#

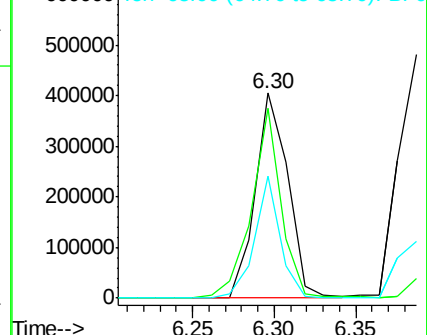
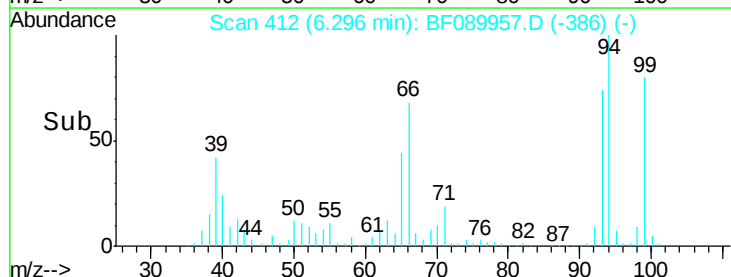
65 59.7 33.0 49.6#

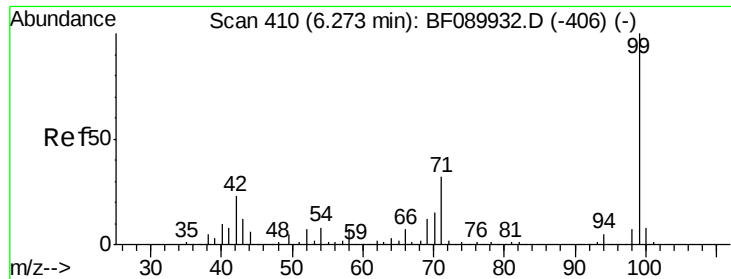


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 115.99 ng

RT: 6.28 min Scan# 411

Delta R.T. 0.01 min

Lab File: BF089957.D

Acq: 31 Aug 2016 18:24

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ClientSampleId :

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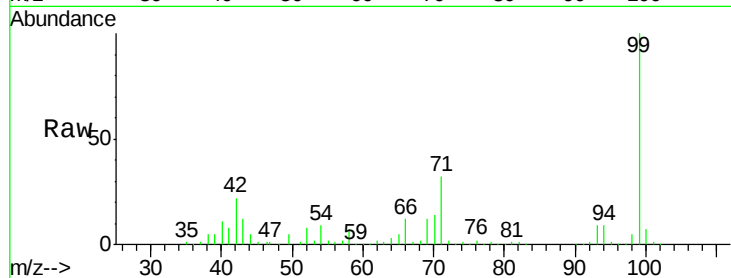
Tot Ion: 99 Resp: 1714483

Ion Ratio Lower Upper

99 100

42 22.3 18.6 27.8

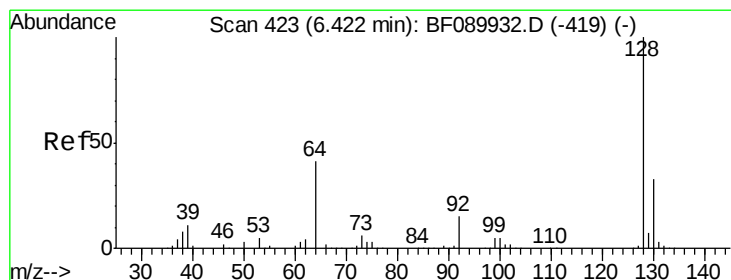
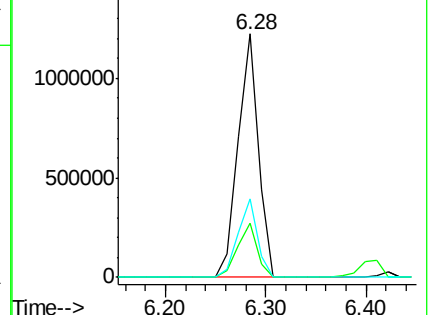
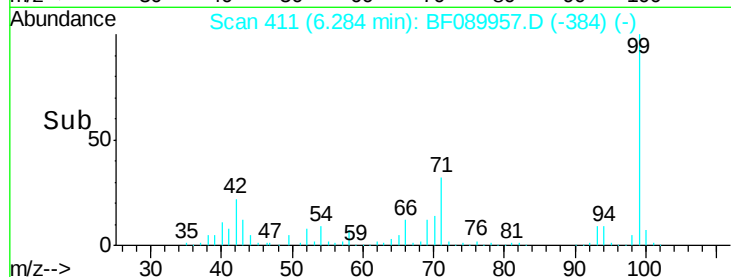
71 32.2 25.8 38.6



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: 37.99 ng

RT: 6.42 min Scan# 423

Delta R.T. 0.00 min

Lab File: BF089957.D

Acq: 31 Aug 2016 18:24

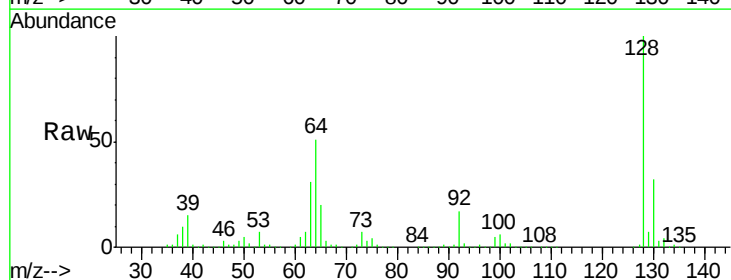
Tgt Ion:128 Resp: 501357

Ion Ratio Lower Upper

128 100

130 32.5 12.8 52.8

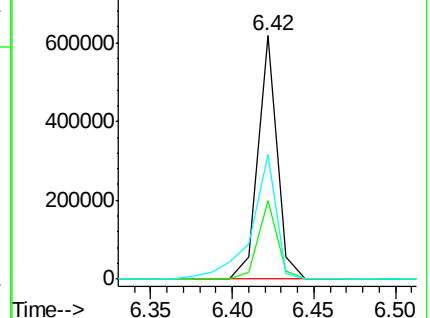
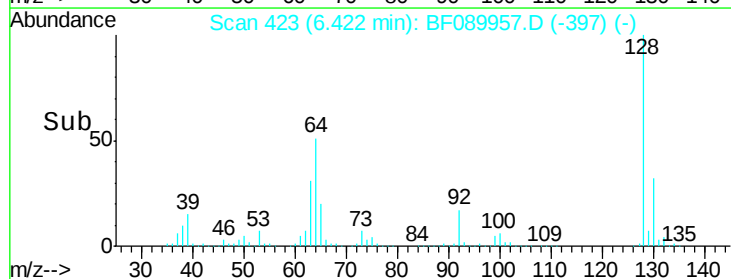
64 51.0 23.2 63.2

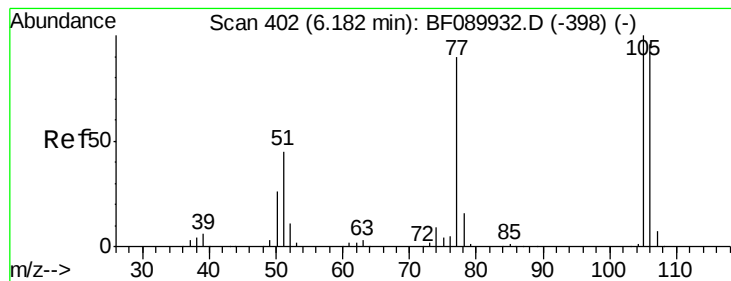


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 10.94 ng

RT: 6.17 min Scan# 401

Delta R.T. -0.01 min

Lab File: BF089957.D

Acq: 31 Aug 2016 18:24

Instrument :

BNA_F

ClientSampleId :

MSP-BPMMS

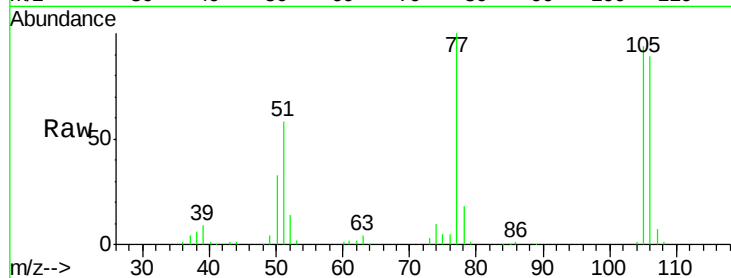
Tot Ion: 77 Resp: 104331

Ion Ratio Lower Upper

77 100

105 93.9 85.4 125.4

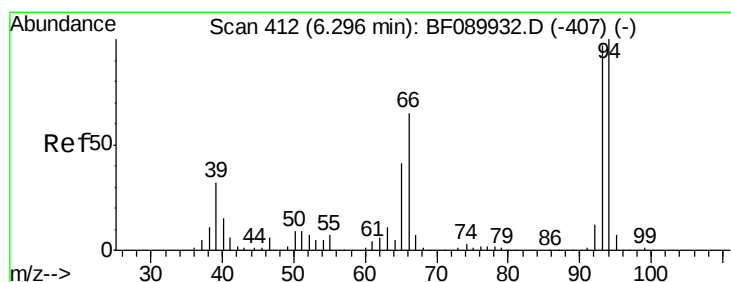
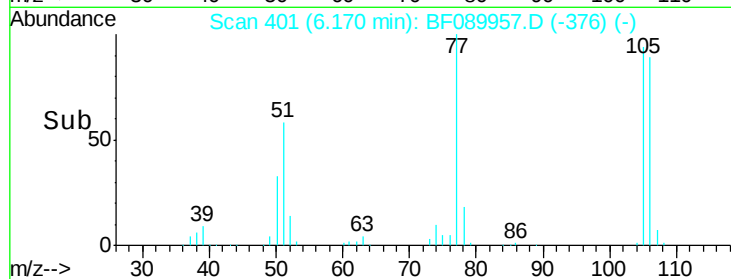
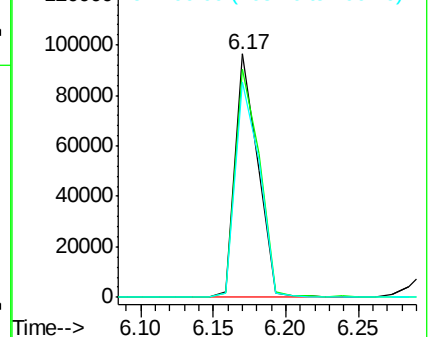
106 88.5 83.4 123.4



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: 31.34 ng

RT: 6.30 min Scan# 412

Delta R.T. 0.00 min

Lab File: BF089957.D

Acq: 31 Aug 2016 18:24

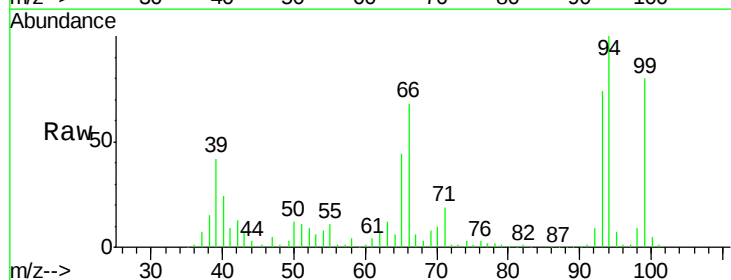
Tgt Ion: 94 Resp: 538633

Ion Ratio Lower Upper

94 100

65 44.0 23.2 63.2

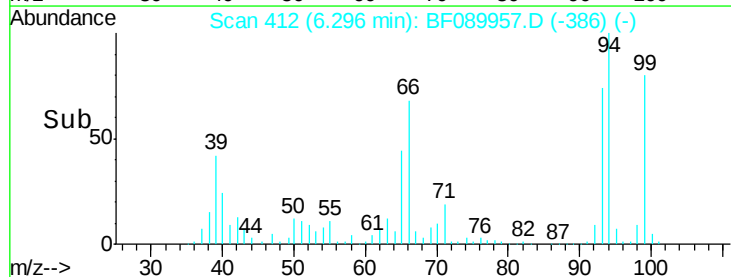
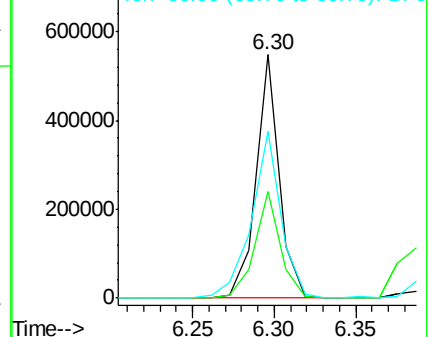
66 68.4 49.2 89.2

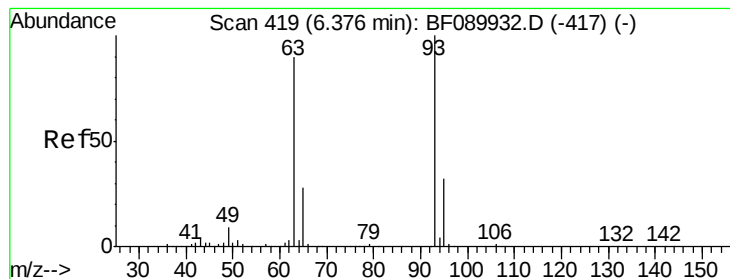


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 39.75 ng

RT: 6.39 min Scan# 420

Delta R.T. 0.01 min

Lab File: BF089957.D

Acq: 31 Aug 2016 18:24

Instrument :

BNA_F

ClientSampleId :

MSP-BPMMS

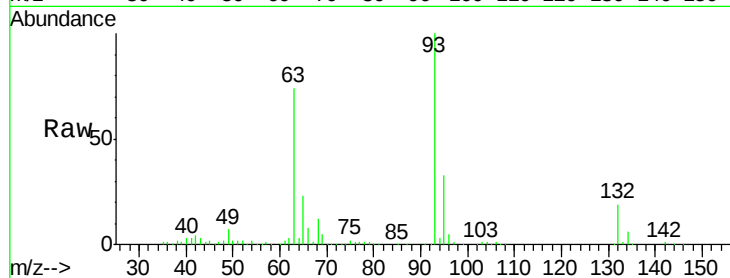
Tot Ion: 93 Resp: 516987

Ion Ratio Lower Upper

93 100

63 74.2 71.1 111.1

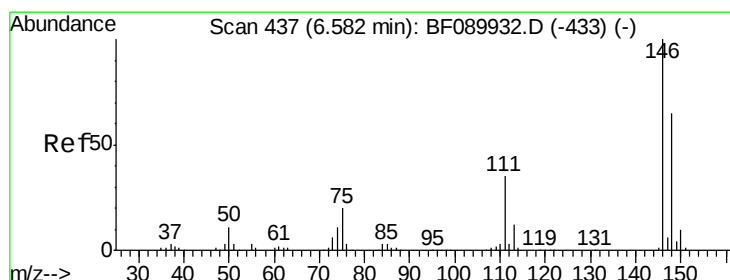
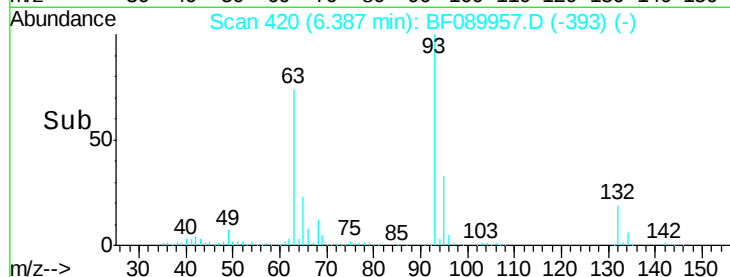
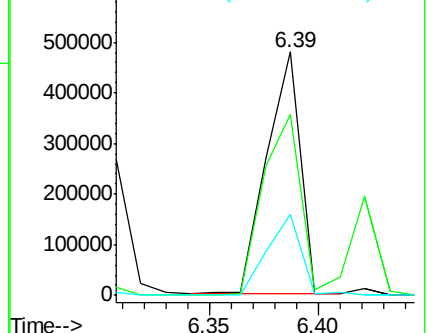
95 33.0 12.4 52.4



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0



#12

1,3-Dichlorobenzene

Concen: 38.93 ng

RT: 6.58 min Scan# 437

Delta R.T. 0.00 min

Lab File: BF089957.D

Acq: 31 Aug 2016 18:24

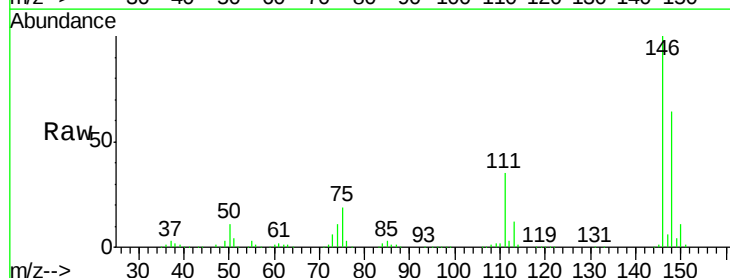
Tgt Ion: 146 Resp: 573742

Ion Ratio Lower Upper

146 100

148 64.2 52.5 78.7

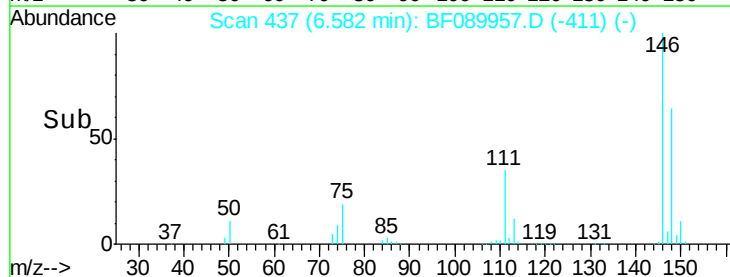
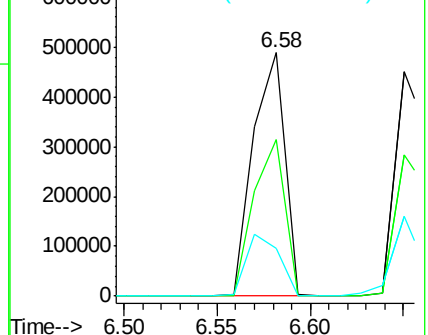
75 19.4 16.6 24.8

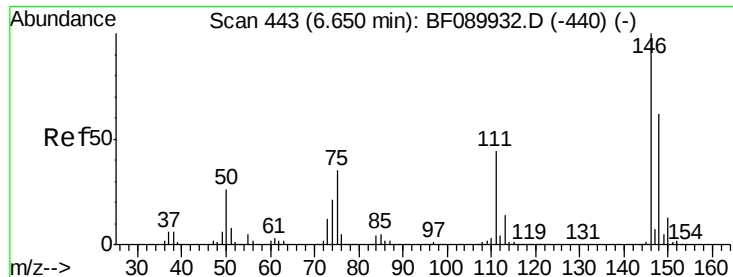


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0

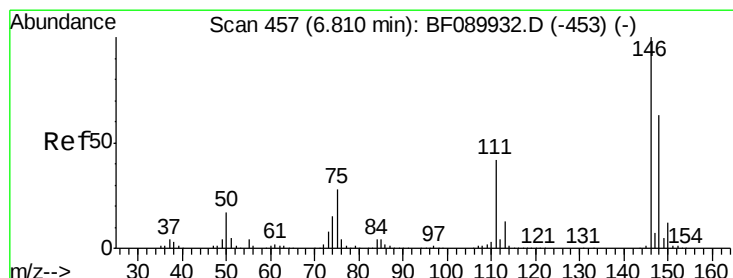
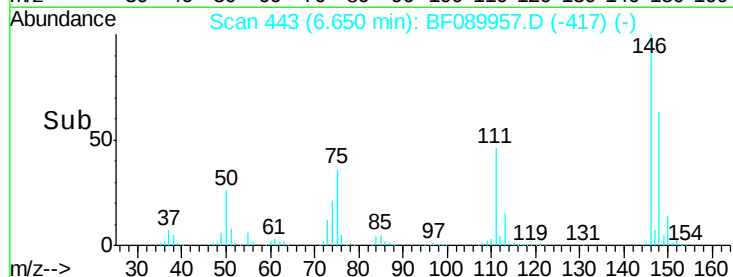
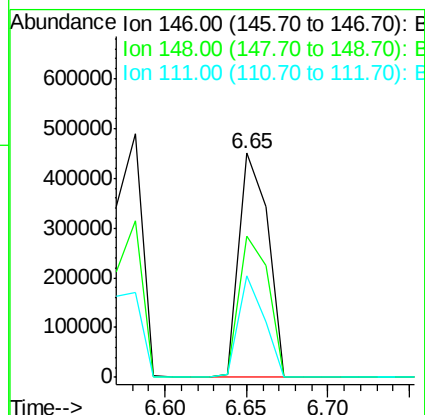
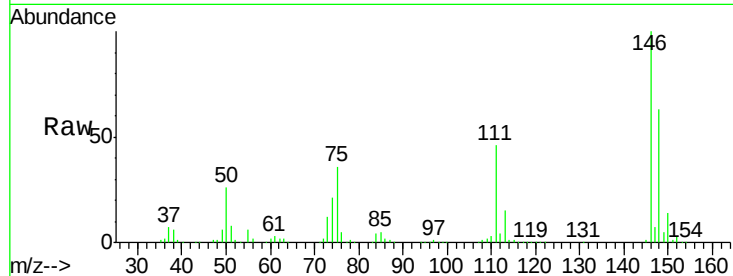




#13
 1,4-Dichlorobenzene
 Concen: 36.44 ng
 RT: 6.65 min Scan# 443
 Delta R.T. 0.00 min
 Lab File: BF089957.D
 Acq: 31 Aug 2016 18:24

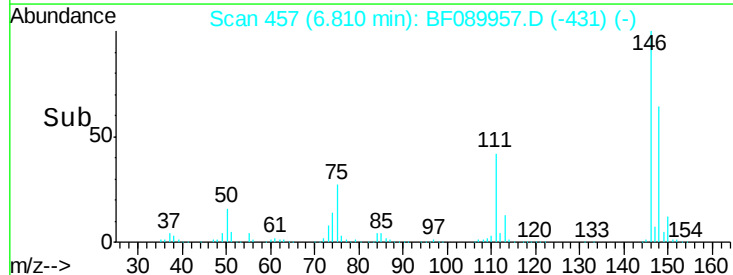
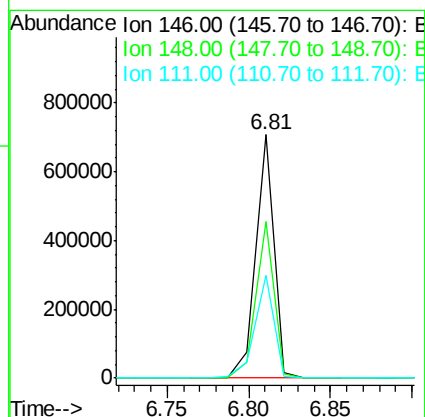
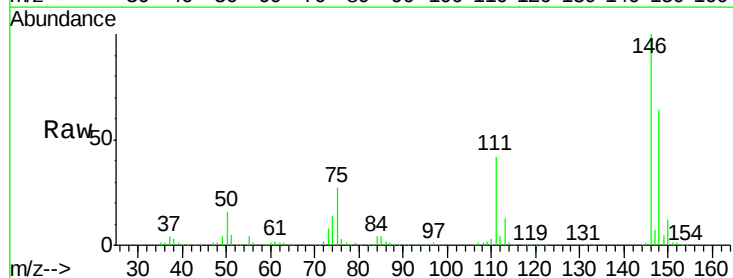
Instrument :
 BNA_F
 ClientSampleId :
 MSP-BPMMS

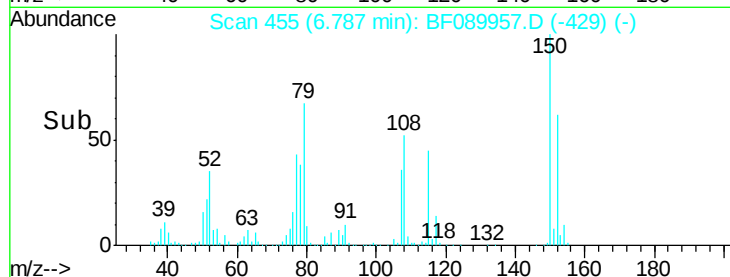
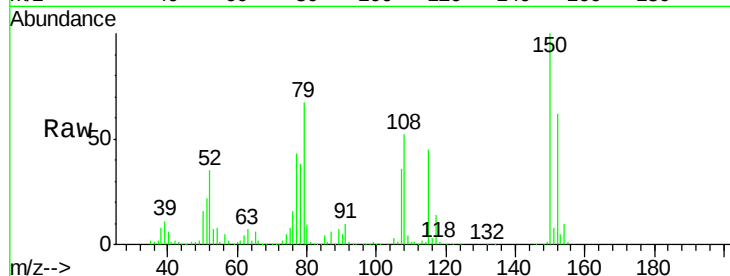
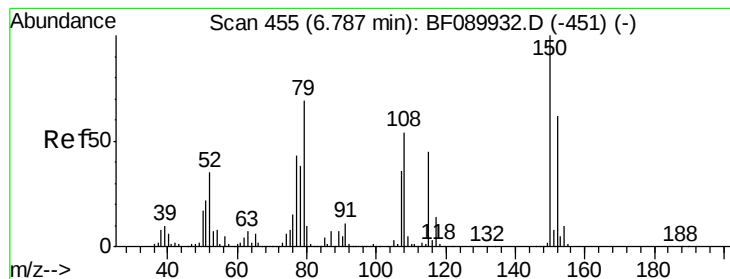
Tot Ion:146 Resp: 549579
 Ion Ratio Lower Upper
 146 100
 148 62.7 50.1 75.1
 111 45.6 35.8 53.6



#14
 1,2-Dichlorobenzene
 Concen: 40.64 ng
 RT: 6.81 min Scan# 457
 Delta R.T. 0.00 min
 Lab File: BF089957.D
 Acq: 31 Aug 2016 18:24

Tgt Ion:146 Resp: 549470
 Ion Ratio Lower Upper
 146 100
 148 64.5 51.4 77.2
 111 42.0 34.6 51.8





#15

Benzyl Alcohol

Concen: 39.70 ng

RT: 6.79 min Scan# 455

Delta R.T. 0.00 min

Lab File: BF089957.D

Acq: 31 Aug 2016 18:24

Instrument :

BNA_F

ClientSampleId :

MSP-BPMMS

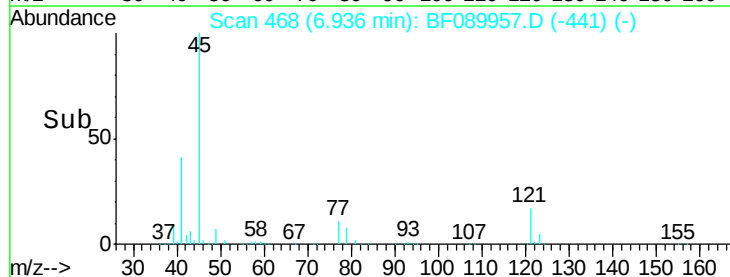
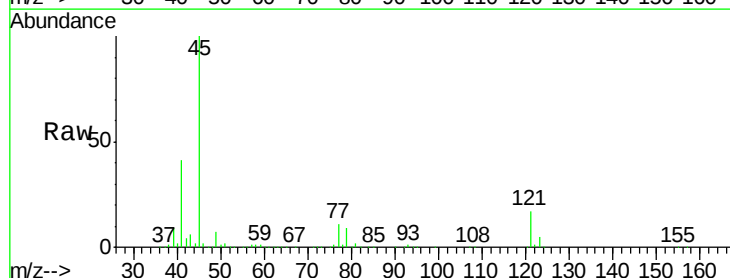
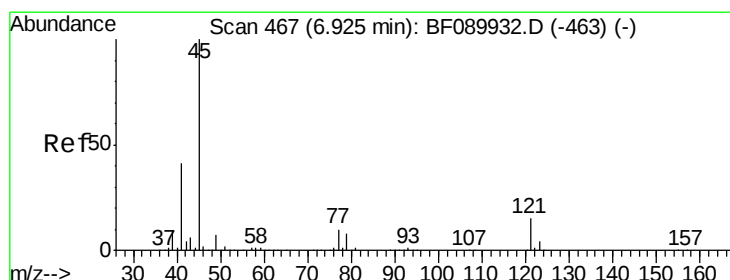
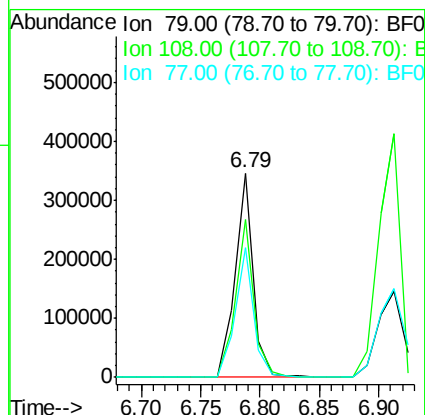
Tot Ion: 79 Resp: 367584

Ion Ratio Lower Upper

79 100

108 77.4 62.1 93.1

77 63.4 50.1 75.1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 40.46 ng

RT: 6.94 min Scan# 468

Delta R.T. 0.01 min

Lab File: BF089957.D

Acq: 31 Aug 2016 18:24

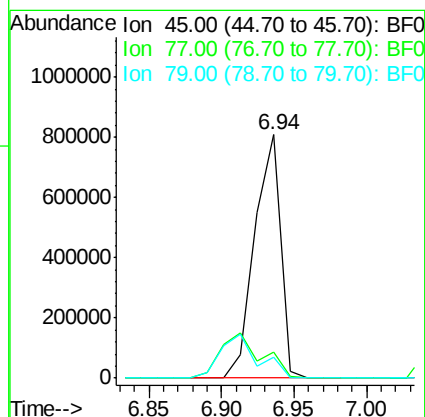
Tgt Ion: 45 Resp: 1003365

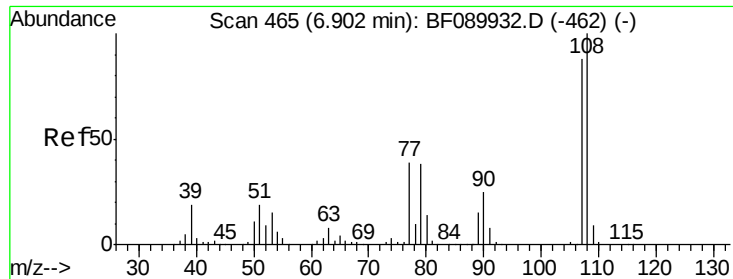
Ion Ratio Lower Upper

45 100

77 10.8 0.0 30.3

79 8.7 0.0 27.5

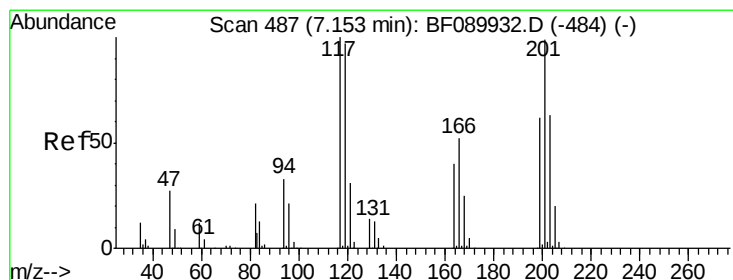
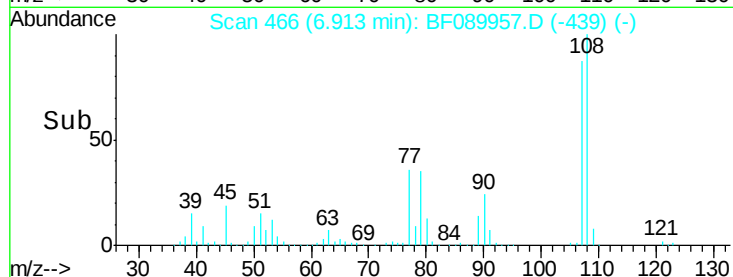
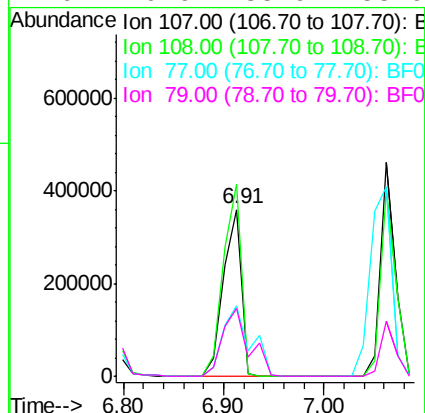
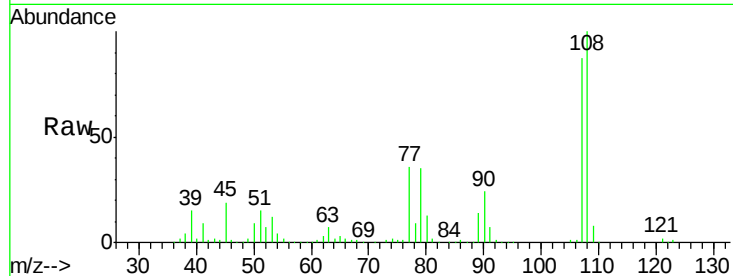




#17
2-Methylphenol
Concen: 42.13 ng
RT: 6.91 min Scan# 466
Delta R.T. 0.01 min
Lab File: BF089957.D
Acq: 31 Aug 2016 18:24

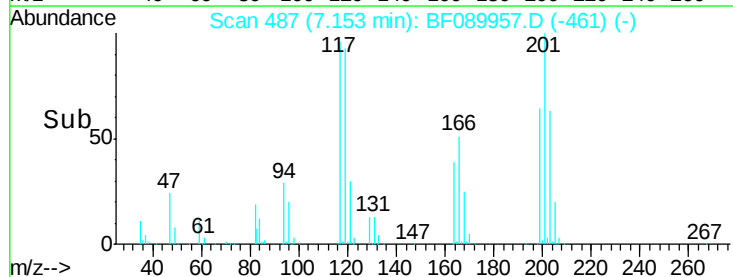
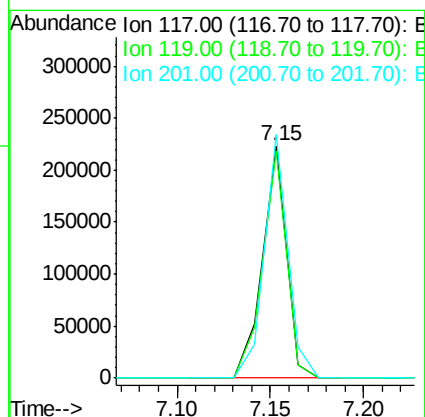
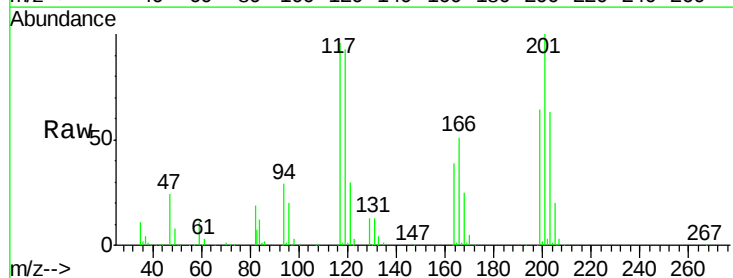
Instrument :
BNA_F
ClientSampleId :
MSP-BPMMS

Tot Ion:107 Resp: 444077
Ion Ratio Lower Upper
107 100
108 115.0 91.8 137.6
77 42.0 36.0 54.0
79 40.6 35.9 53.9



#18
Hexachloroethane
Concen: 38.41 ng
RT: 7.15 min Scan# 487
Delta R.T. 0.00 min
Lab File: BF089957.D
Acq: 31 Aug 2016 18:24

Tgt Ion:117 Resp: 198431
Ion Ratio Lower Upper
117 100
119 97.8 76.2 114.2
201 104.6 80.2 120.2

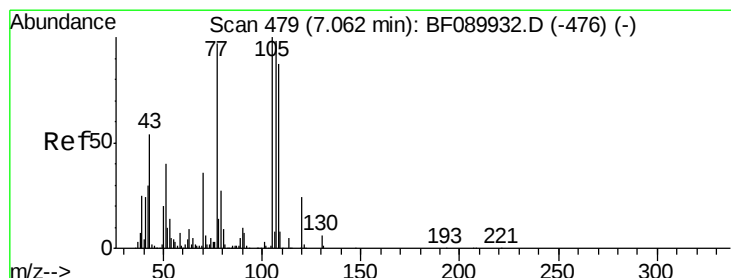
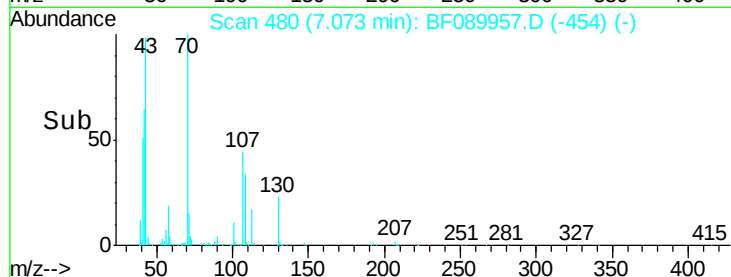
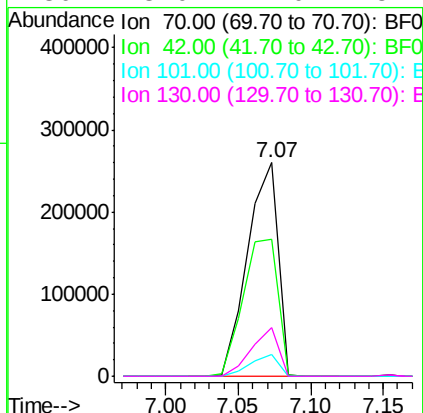
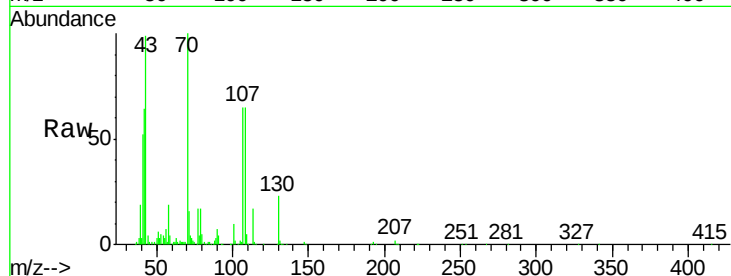




#19
n-Nitroso-di-n-propylamine
Concen: 39.42 ng
RT: 7.07 min Scan# 480
Delta R.T. 0.00 min
Lab File: BF089957.D
Acq: 31 Aug 2016 18:24

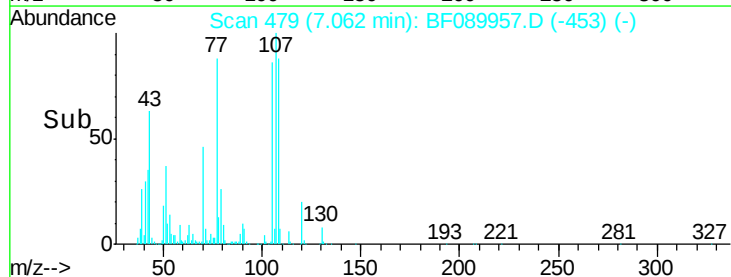
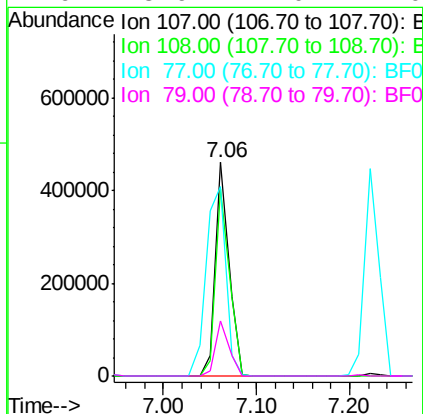
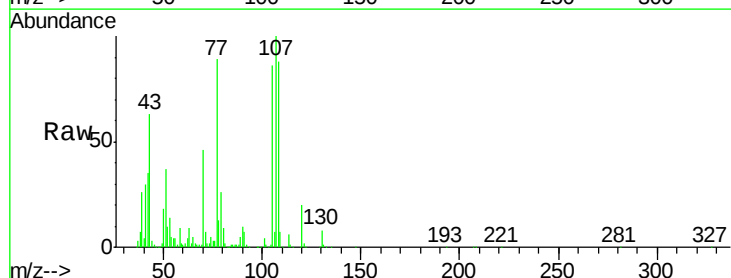
Instrument :
BNA_F
ClientSampleId :
MSP-BPMMS

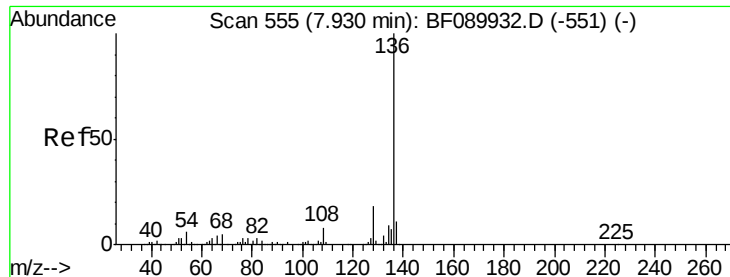
Tot Ion:	70	Resp:	379673
Ion	Ratio	Lower	Upper
70	100		
42	64.2	52.1	78.1
101	10.5	7.4	11.2
130	23.0	17.0	25.4



#20
3+4-Methylphenols
Concen: 36.70 ng
RT: 7.06 min Scan# 479
Delta R.T. 0.00 min
Lab File: BF089957.D
Acq: 31 Aug 2016 18:24

Tgt Ion:	107	Resp:	468909
Ion	Ratio	Lower	Upper
107	100		
108	87.6	70.2	110.2
77	88.6	75.7	115.7
79	25.9	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: BF089957.D

Acq: 31 Aug 2016 18:24

Instrument :

BNA_F

ClientSampleId :

MSP-BPMMS

Tot Ion:136 Resp: 727569

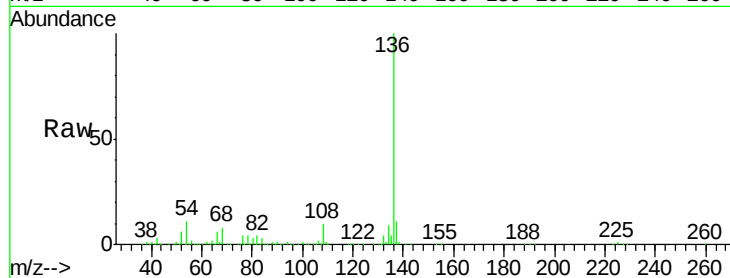
Ion Ratio Lower Upper

136 100

137 11.4 8.3 12.5

54 11.5 4.8 7.2#

68 8.0 3.7 5.5#

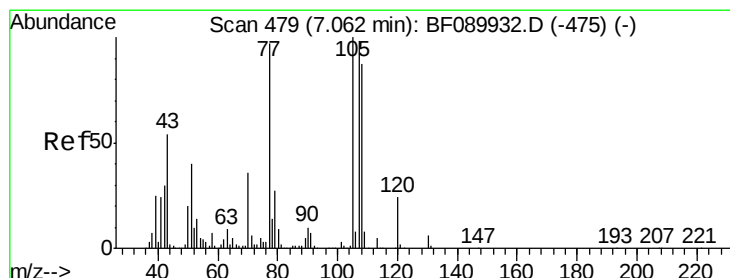
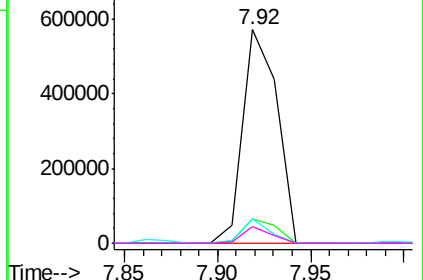
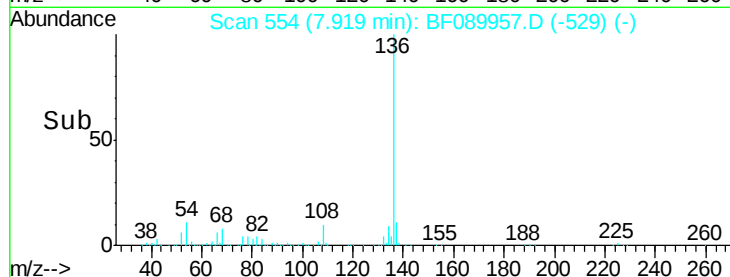


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 38.79 ng

RT: 7.05 min Scan# 478

Delta R.T. -0.01 min

Lab File: BF089957.D

Acq: 31 Aug 2016 18:24

Tgt Ion:105 Resp: 633194

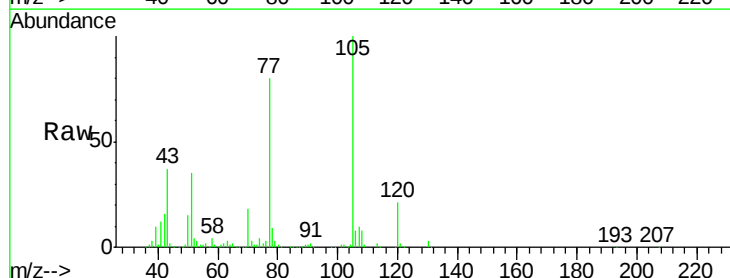
Ion Ratio Lower Upper

105 100

71 3.1 5.3 7.9#

51 34.9 32.6 48.8

120 21.1 18.6 28.0

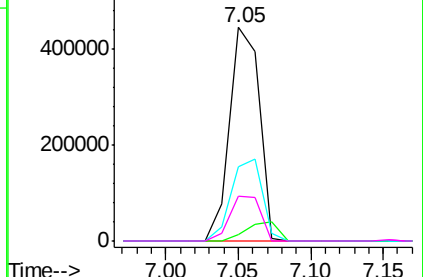
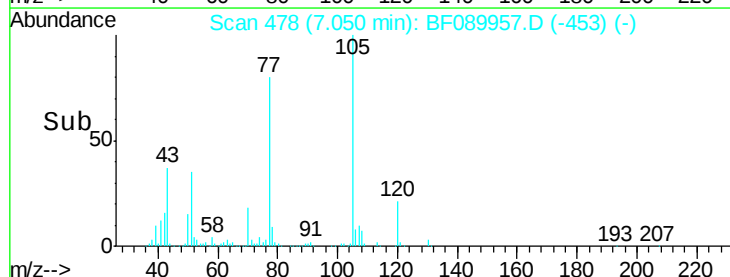


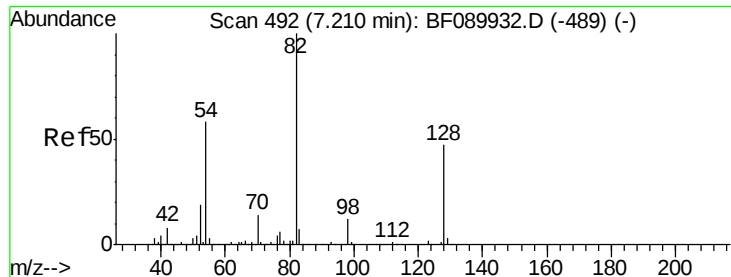
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

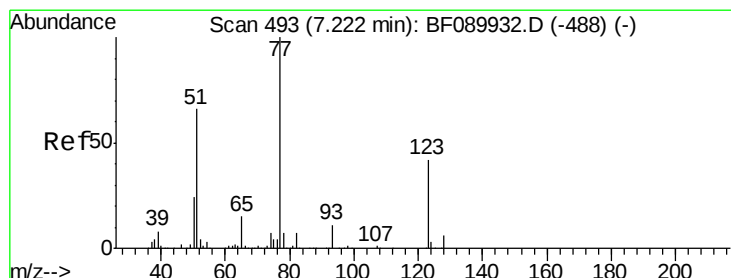
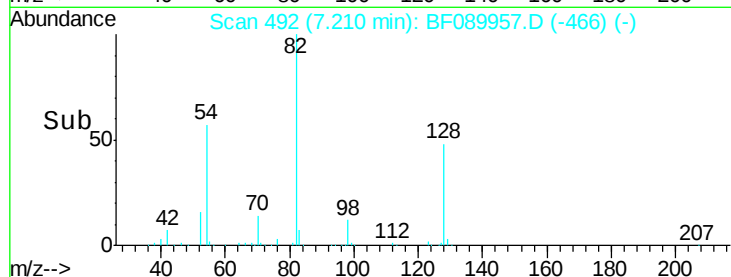
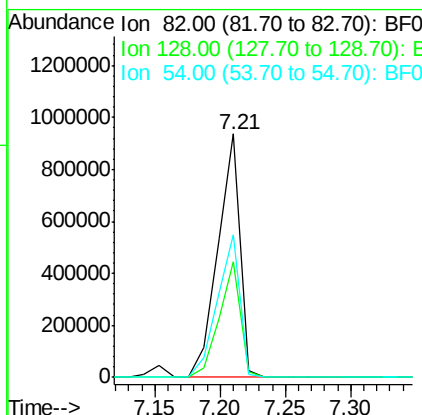
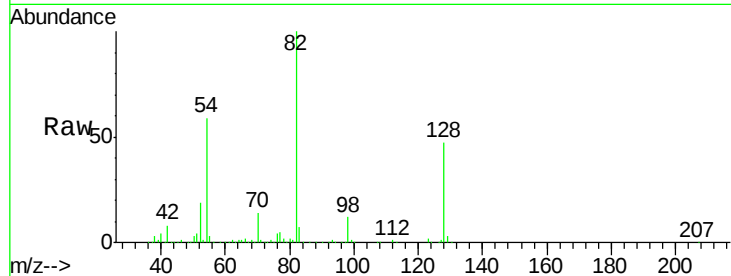




#23
 Nitrobenzene-d5
 Concen: 88.07 ng
 RT: 7.21 min Scan# 492
 Delta R.T. 0.00 min
 Lab File: BF089957.D
 Acq: 31 Aug 2016 18:24

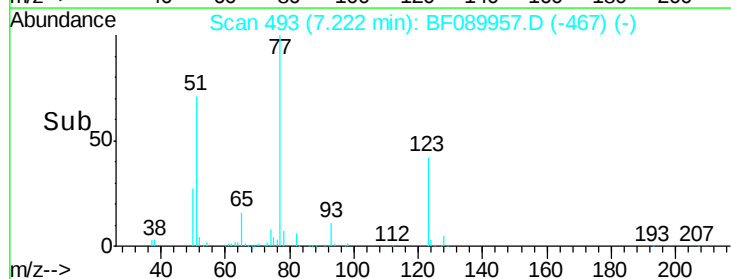
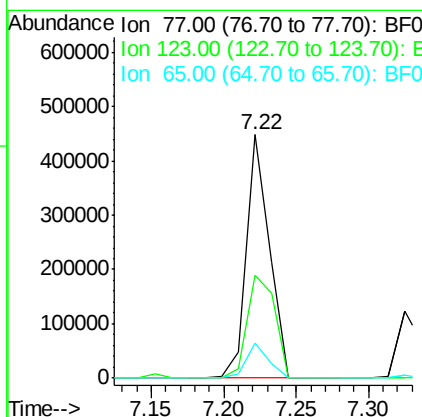
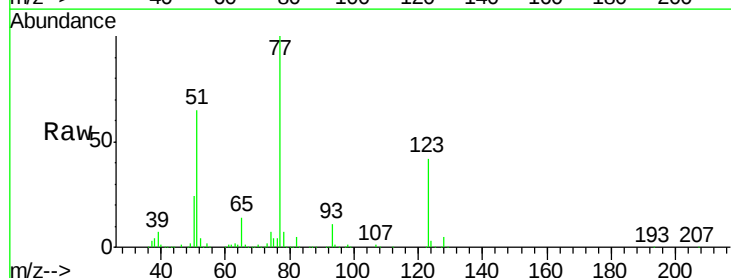
Instrument :
 BNA_F
 ClientSampleId :
 MSP-BPMMS

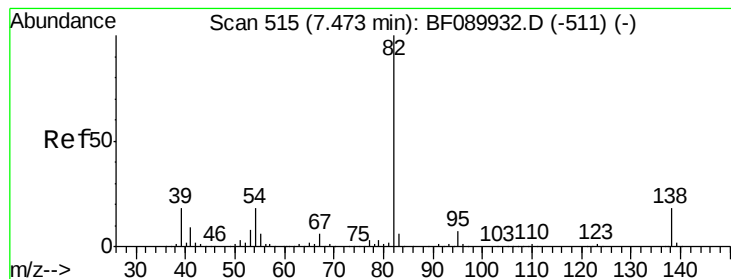
Tot Ion: 82 Resp: 1104921
 Ion Ratio Lower Upper
 82 100
 128 47.4 37.8 56.8
 54 58.5 46.9 70.3



#24
 Nitrobenzene
 Concen: 36.79 ng
 RT: 7.22 min Scan# 493
 Delta R.T. 0.00 min
 Lab File: BF089957.D
 Acq: 31 Aug 2016 18:24

Tgt Ion: 77 Resp: 490668
 Ion Ratio Lower Upper
 77 100
 123 42.5 32.0 48.0
 65 14.4 11.2 16.8





#25

Isophorone

Concen: 40.30 ng

RT: 7.47 min Scan# 515

Delta R.T. 0.00 min

Lab File: BF089957.D

Acq: 31 Aug 2016 18:24

Instrument :

BNA_F

ClientSampleId :

MSP-BPMMS

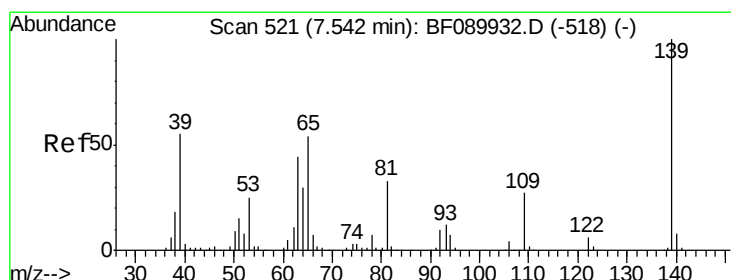
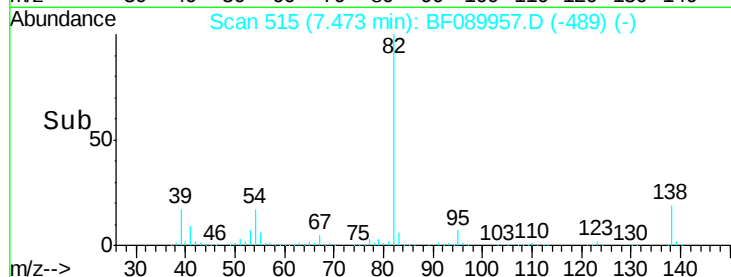
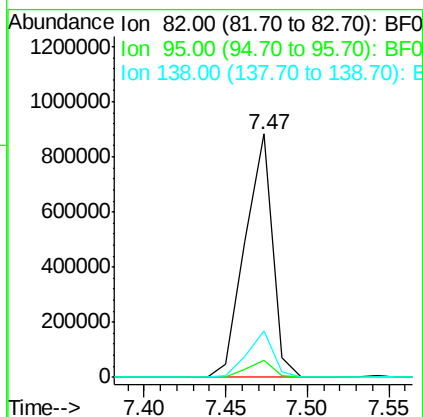
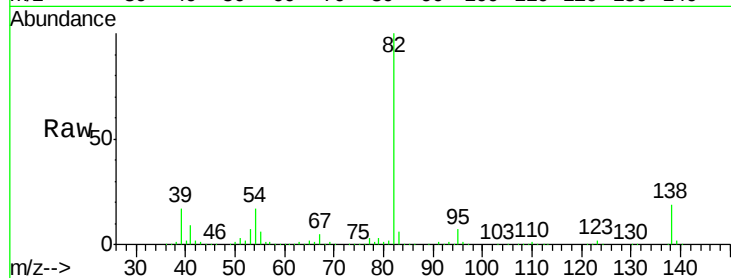
Tot Ion: 82 Resp: 1028222

Ion Ratio Lower Upper

82 100

95 6.8 5.5 8.3

138 19.2 14.4 21.6



#26

2-Nitrophenol

Concen: 42.31 ng

RT: 7.54 min Scan# 521

Delta R.T. 0.00 min

Lab File: BF089957.D

Acq: 31 Aug 2016 18:24

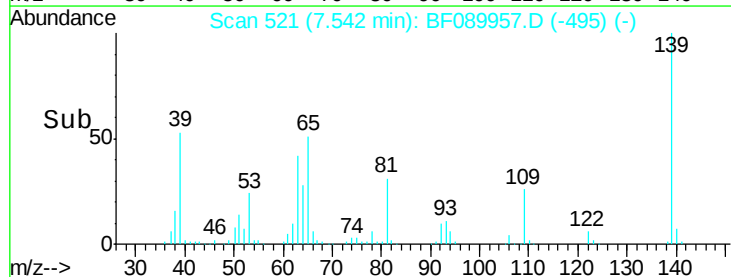
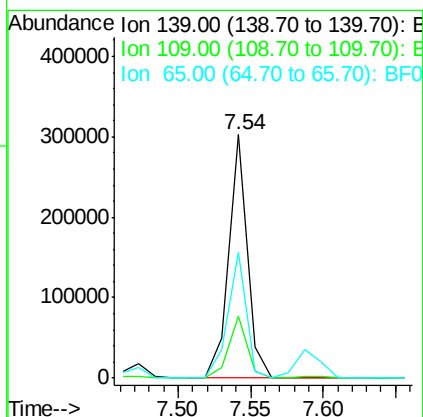
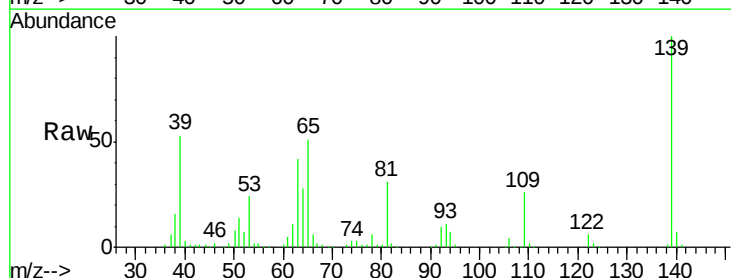
Tgt Ion: 139 Resp: 269759

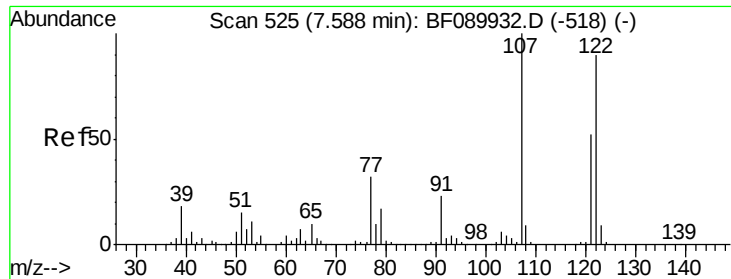
Ion Ratio Lower Upper

139 100

109 25.6 21.0 31.4

65 51.5 43.4 65.0





#27

2,4-Dimethylphenol

Concen: 40.58 ng

RT: 7.59 min Scan# 525

Delta R.T. 0.00 min

Lab File: BF089957.D

Acq: 31 Aug 2016 18:24

Instrument :

BNA_F

ClientSampleId :

MSP-BPMMS

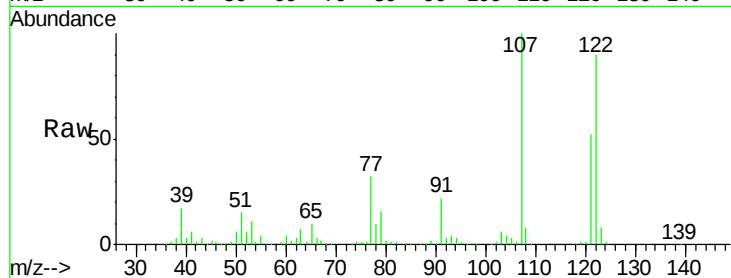
Tot Ion:122 Resp: 478618

Ion Ratio Lower Upper

122 100

107 111.4 88.5 132.7

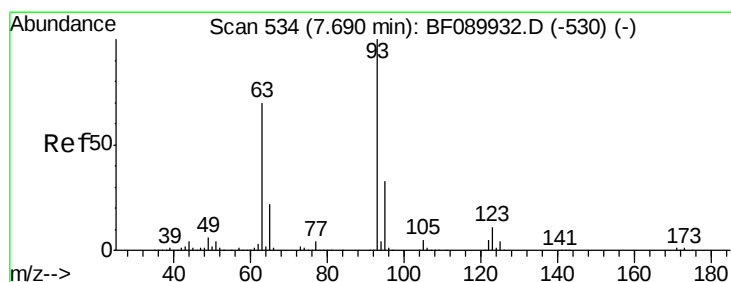
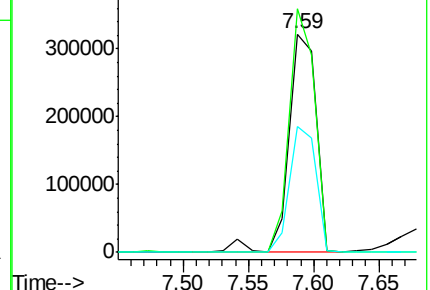
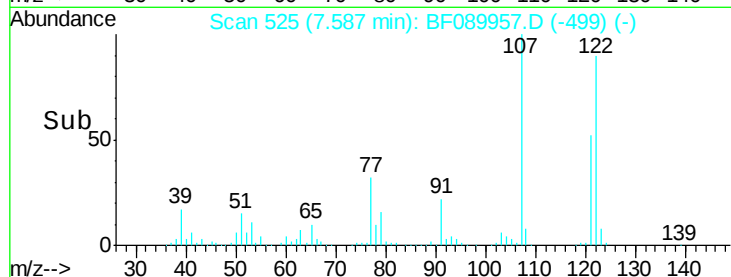
121 57.5 46.0 69.0



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: 45.12 ng

RT: 7.69 min Scan# 534

Delta R.T. 0.00 min

Lab File: BF089957.D

Acq: 31 Aug 2016 18:24

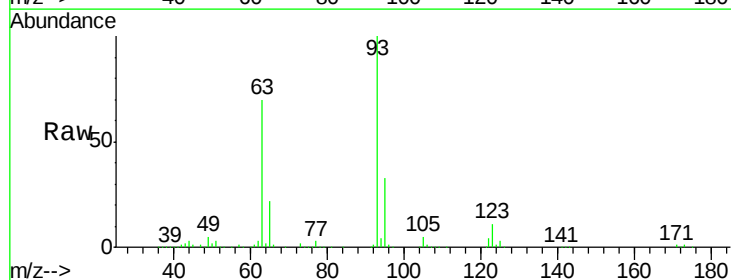
Tgt Ion: 93 Resp: 694224

Ion Ratio Lower Upper

93 100

95 33.2 26.6 40.0

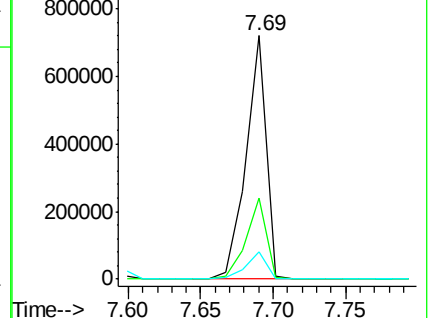
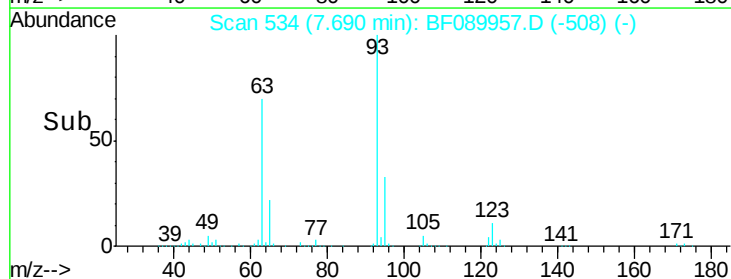
123 11.4 9.1 13.7

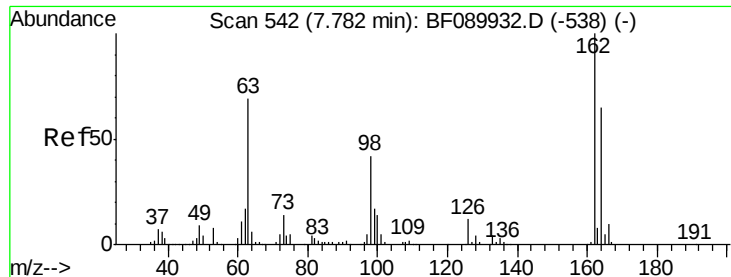


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 39.41 ng

RT: 7.78 min Scan# 542

Delta R.T. 0.00 min

Lab File: BF089957.D

Acq: 31 Aug 2016 18:24

Instrument :

BNA_F

ClientSampleId :

MSP-BPMMS

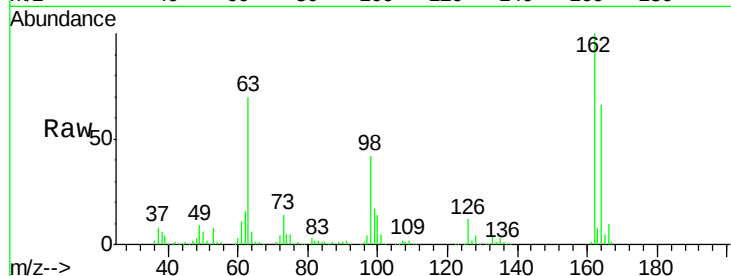
Tot Ion:162 Resp: 416662

Ion Ratio Lower Upper

162 100

164 65.7 46.6 86.6

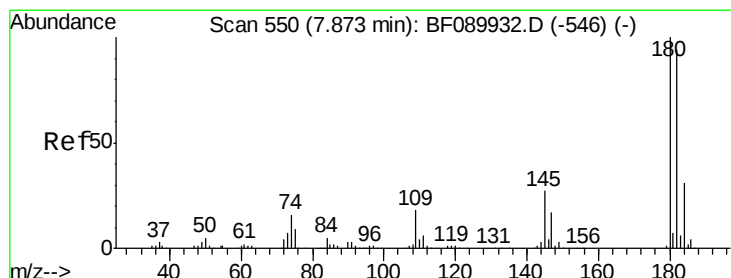
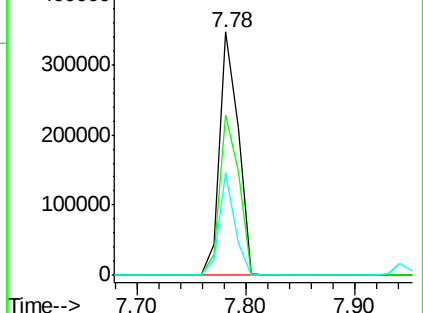
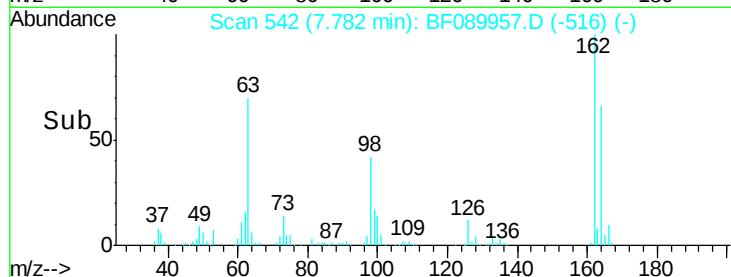
98 42.0 22.0 62.0



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: 42.35 ng

RT: 7.87 min Scan# 550

Delta R.T. 0.00 min

Lab File: BF089957.D

Acq: 31 Aug 2016 18:24

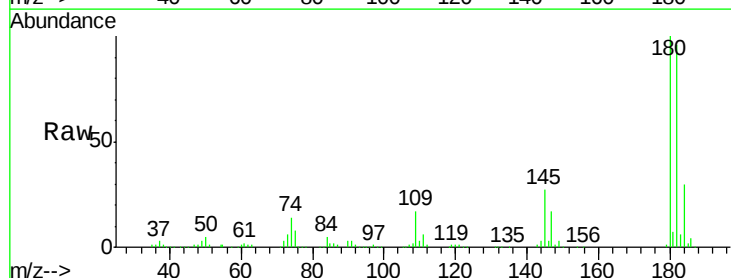
Tgt Ion:180 Resp: 489471

Ion Ratio Lower Upper

180 100

182 95.5 76.2 114.2

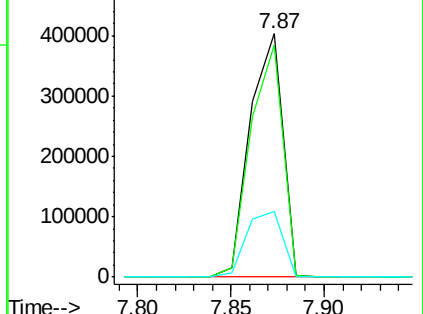
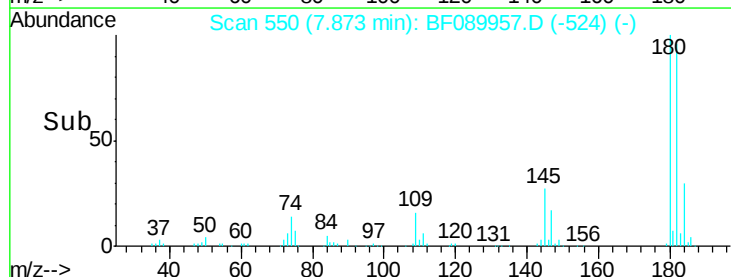
145 26.8 22.2 33.4

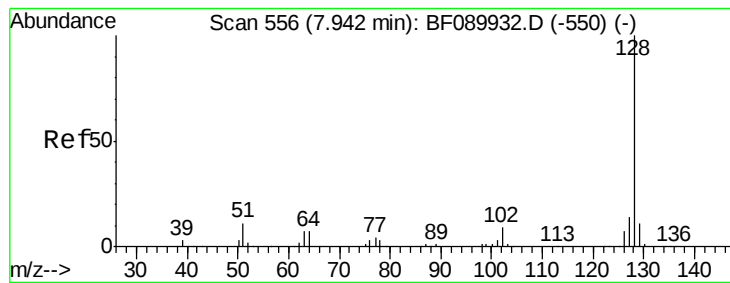


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 37.80 ng

RT: 7.94 min Scan# 556

Delta R.T. 0.00 min

Lab File: BF089957.D

Acq: 31 Aug 2016 18:24

Instrument :

BNA_F

ClientSampleId :

MSP-BPMMS

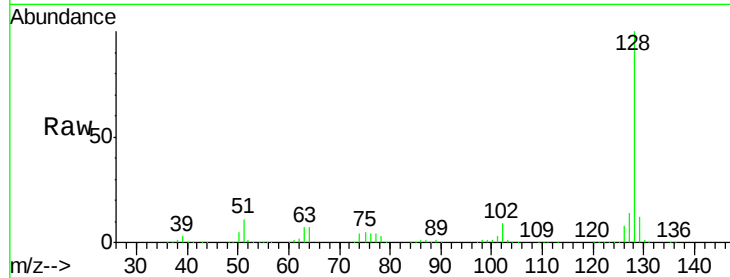
Tot Ion:128 Resp: 1369961

Ion Ratio Lower Upper

128 100

129 11.7 9.4 14.0

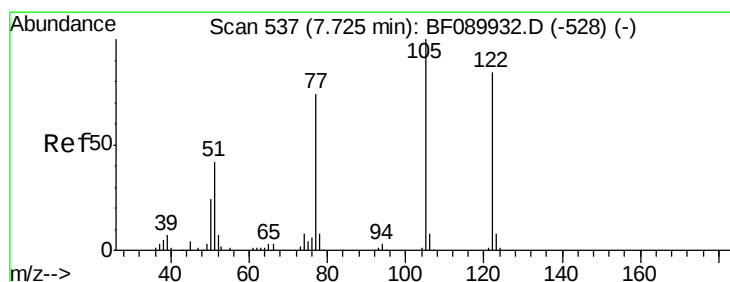
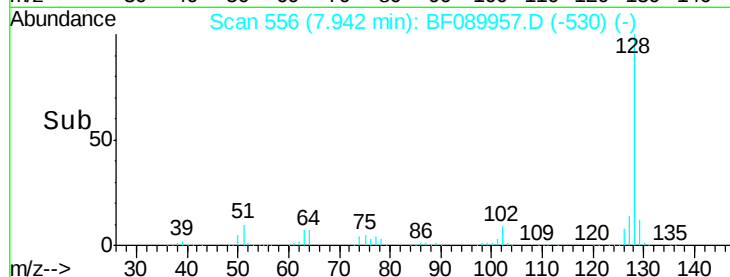
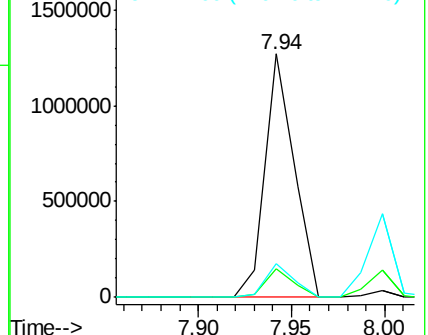
127 13.8 10.7 16.1



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: 11.41 ng

RT: 7.68 min Scan# 533

Delta R.T. -0.05 min

Lab File: BF089957.D

Acq: 31 Aug 2016 18:24

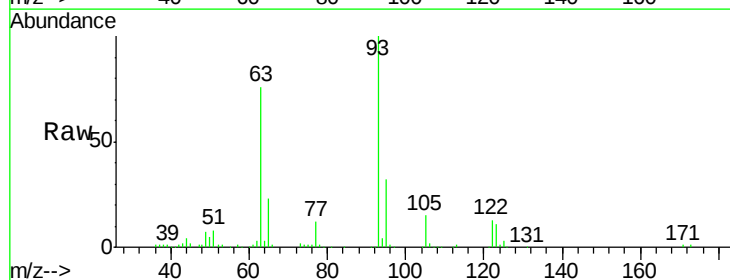
Tgt Ion:122 Resp: 90609

Ion Ratio Lower Upper

122 100

105 111.1 102.2 142.2

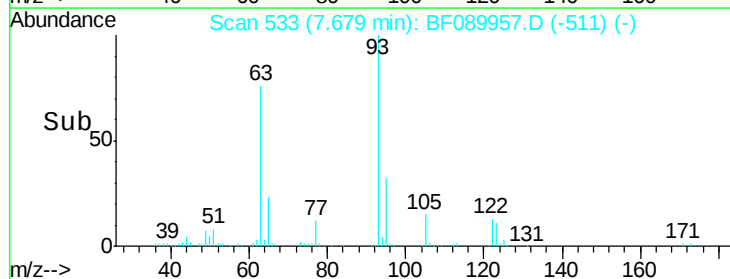
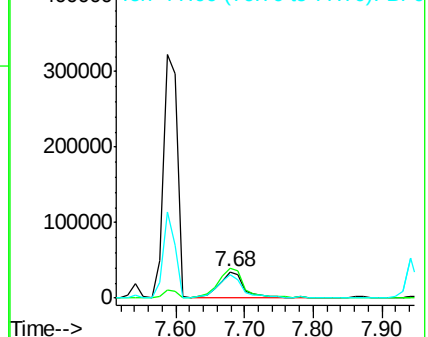
77 88.1 74.1 114.1



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

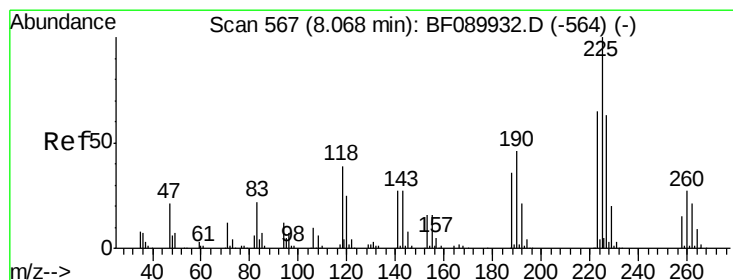
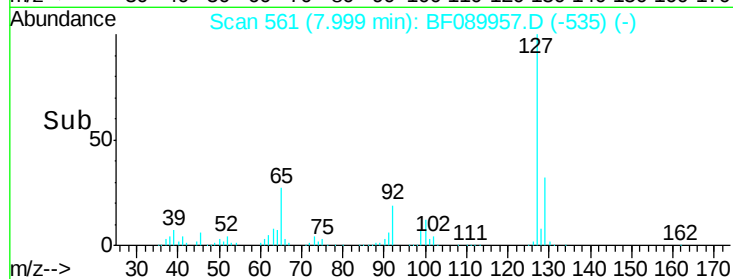
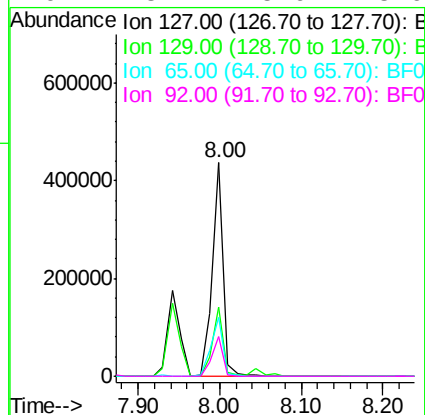
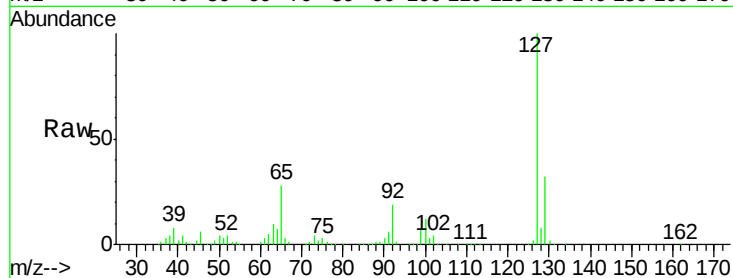




#33
4-Chloroaniline
Concen: 28.45 ng
RT: 8.00 min Scan# 561
Delta R.T. 0.00 min
Lab File: BF089957.D
Acq: 31 Aug 2016 18:24

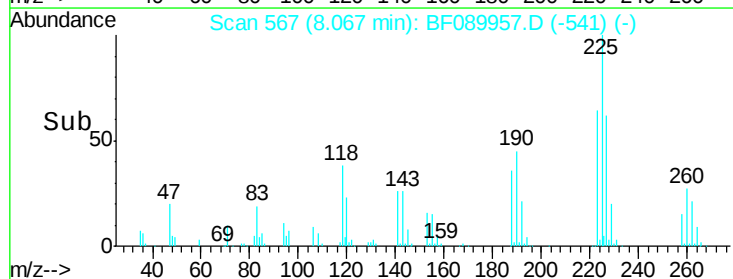
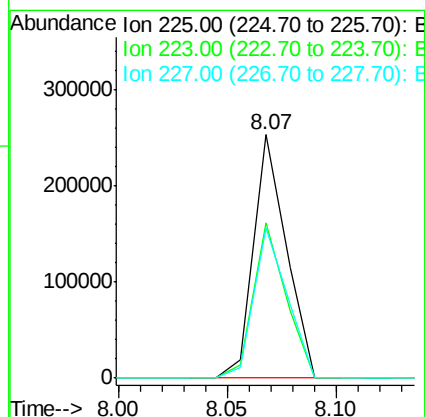
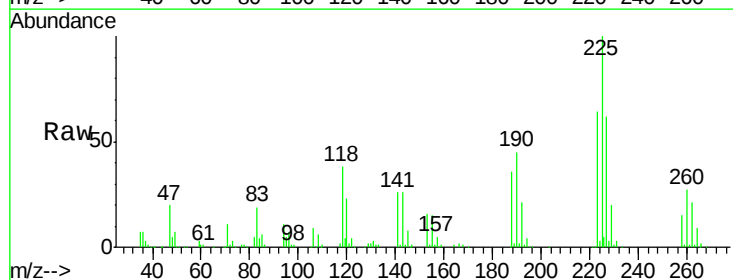
Instrument :
BNA_F
ClientSampleId :
MSP-BPMMS

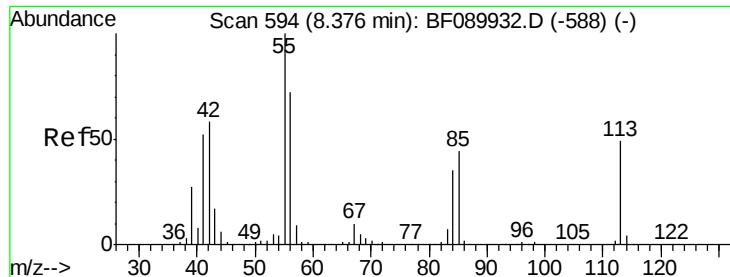
Tot Ion:	127	Resp:	416016
Ion	Ratio	Lower	Upper
127	100		
129	32.3	25.9	38.9
65	27.7	26.0	39.0
92	18.7	15.9	23.9



#34
Hexachlorobutadiene
Concen: 39.27 ng
RT: 8.07 min Scan# 567
Delta R.T. 0.00 min
Lab File: BF089957.D
Acq: 31 Aug 2016 18:24

Tgt Ion:	225	Resp:	266017
Ion	Ratio	Lower	Upper
225	100		
223	63.6	52.6	78.8
227	61.6	50.8	76.2

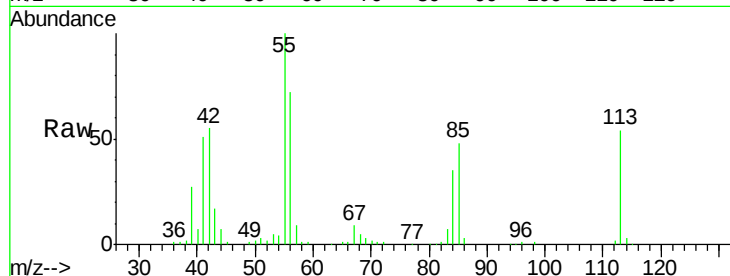




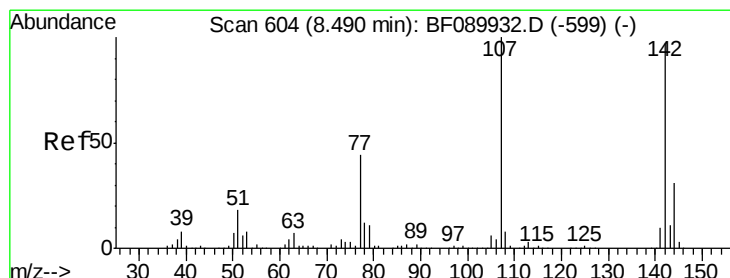
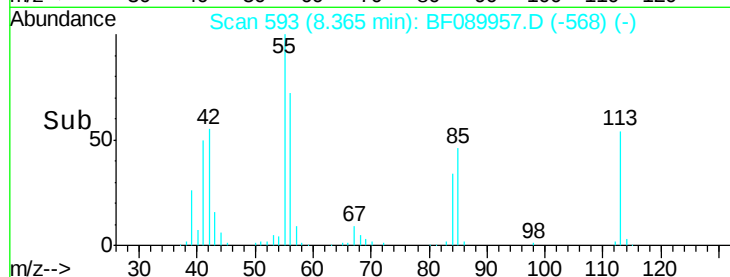
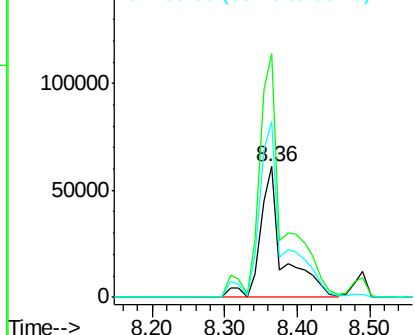
#35
Caprolactam
Concen: 41.21 ng
RT: 8.36 min Scan# 593
Delta R.T. -0.01 min
Lab File: BF089957.D
Acq: 31 Aug 2016 18:24

Instrument :
BNA_F
ClientSampleId :
MSP-BPMMS

Tot Ion:113 Resp: 137518
Ion Ratio Lower Upper
113 100
55 186.0 178.5 218.5
56 134.8 122.7 162.7

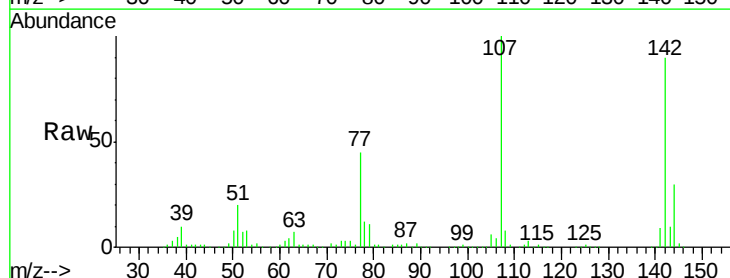


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF0
Ion 56.00 (55.70 to 56.70): BF0

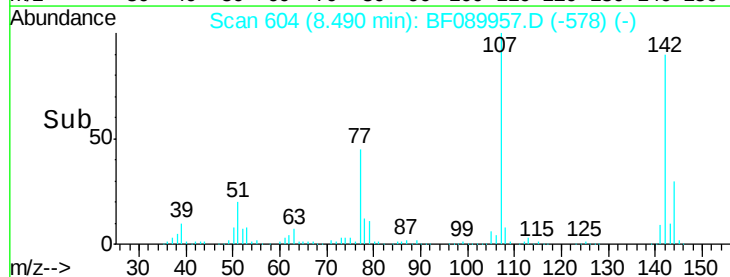
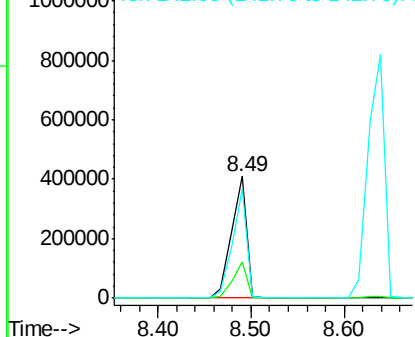


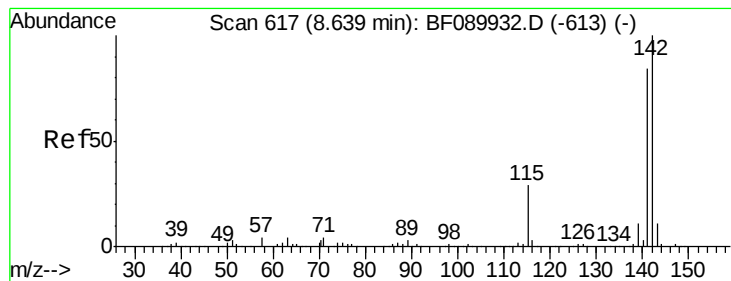
#36
4-Chloro-3-methylphenol
Concen: 41.81 ng
RT: 8.49 min Scan# 604
Delta R.T. 0.00 min
Lab File: BF089957.D
Acq: 31 Aug 2016 18:24

Tgt Ion:107 Resp: 468135
Ion Ratio Lower Upper
107 100
144 29.5 25.8 38.8
142 89.9 79.2 118.8



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





#37

2-Methylnaphthalene

Concen: 42.40 ng

RT: 8.64 min Scan# 617

Delta R.T. 0.00 min

Lab File: BF089957.D

Acq: 31 Aug 2016 18:24

Instrument :

BNA_F

ClientSampleId :

MSP-BPMMS

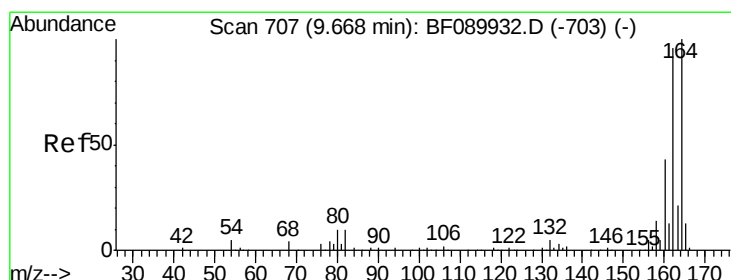
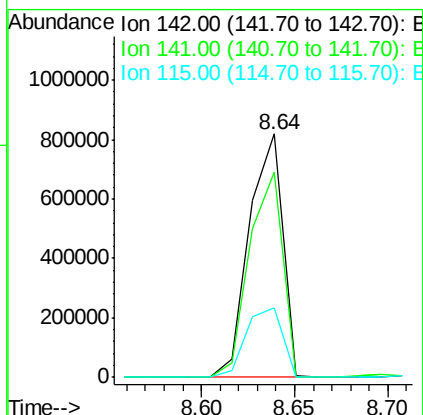
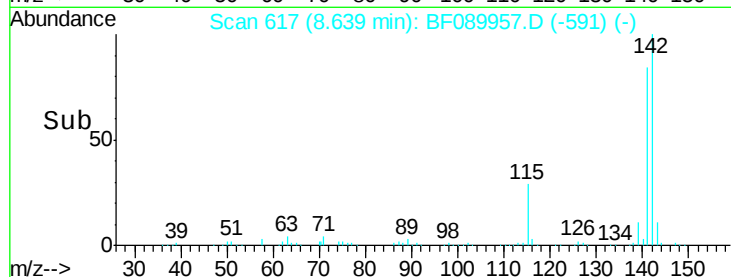
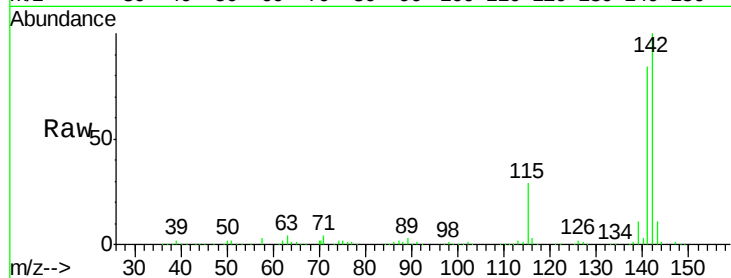
Tot Ion:142 Resp: 1015579

Ion Ratio Lower Upper

142 100

141 84.3 68.3 102.5

115 28.6 23.8 35.8



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.67 min Scan# 707

Delta R.T. 0.00 min

Lab File: BF089957.D

Acq: 31 Aug 2016 18:24

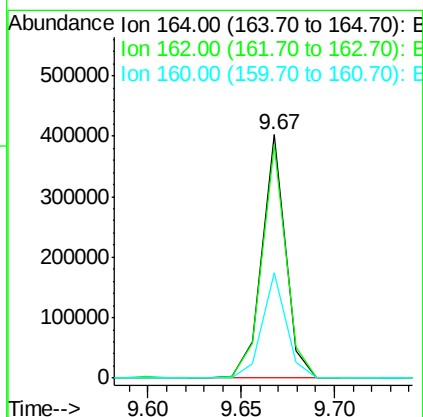
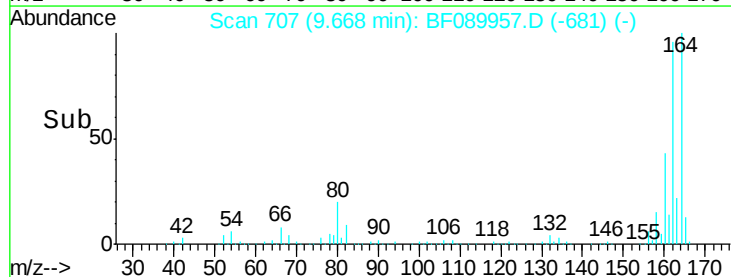
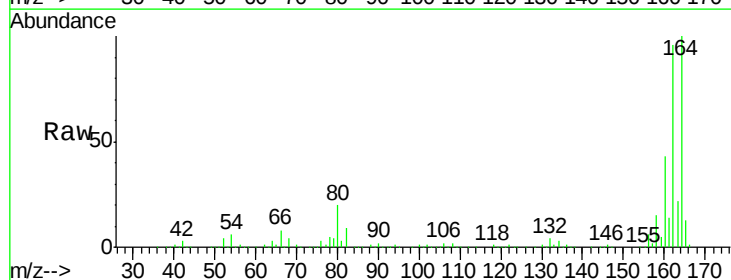
Tgt Ion:164 Resp: 349629

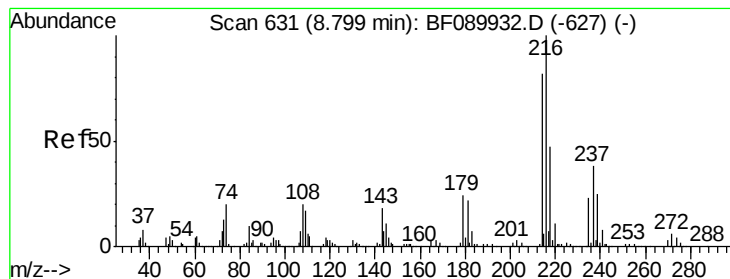
Ion Ratio Lower Upper

164 100

162 95.7 77.1 115.7

160 43.2 35.3 52.9





#39

1,2,4,5-Tetrachlorobenzene

Concen: 35.11 ng

RT: 8.80 min Scan# 631

Delta R.T. 0.00 min

Lab File: BF089957.D

Acq: 31 Aug 2016 18:24

Instrument :

BNA_F

ClientSampleId :

MSP-BPMMS

Tot Ion:216 Resp: 359637

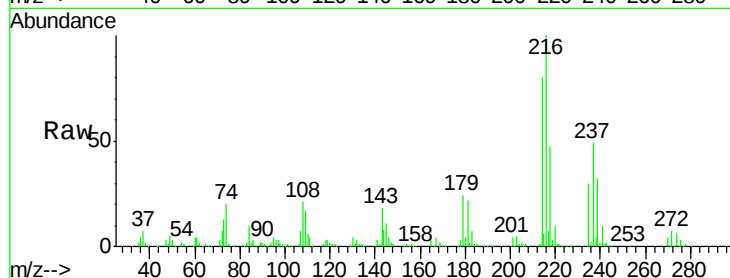
Ion Ratio Lower Upper

216 100

214 79.3 63.4 95.2

179 21.7 17.3 25.9

108 20.3 15.5 23.3

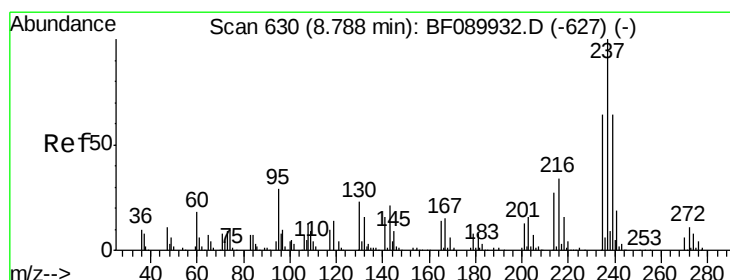
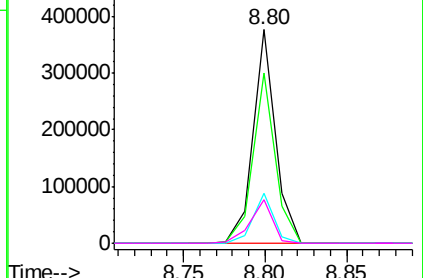
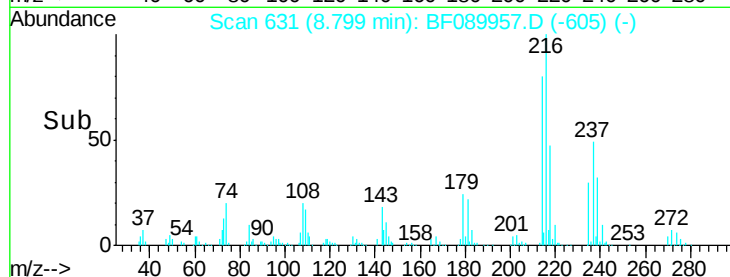


Abundance Ion 216.00 (215.70 to 216.70): E

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: 62.03 ng

RT: 8.79 min Scan# 630

Delta R.T. -0.01 min

Lab File: BF089957.D

Acq: 31 Aug 2016 18:24

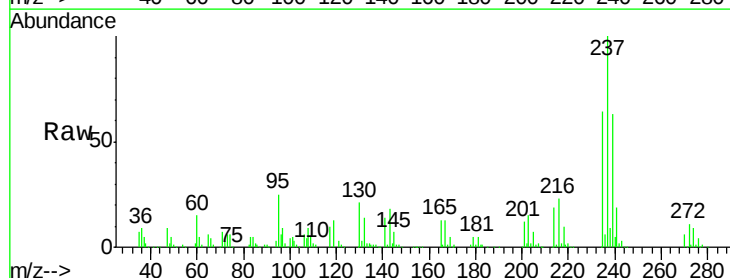
Tgt Ion:237 Resp: 325755

Ion Ratio Lower Upper

237 100

235 63.7 39.6 79.6

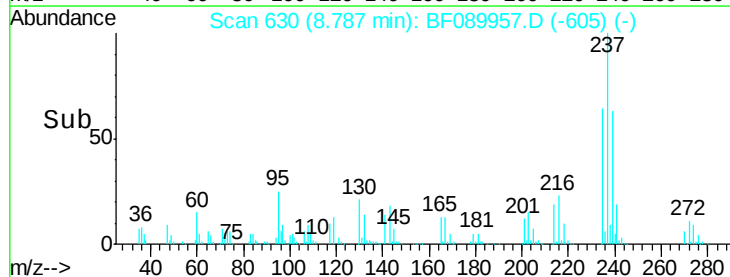
272 11.2 0.0 34.6



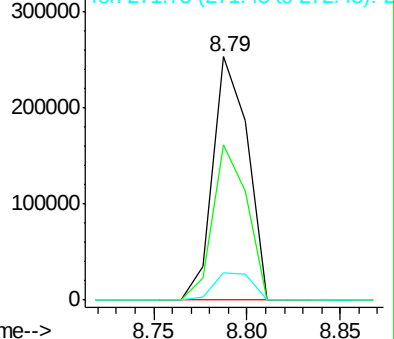
Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



Time-->

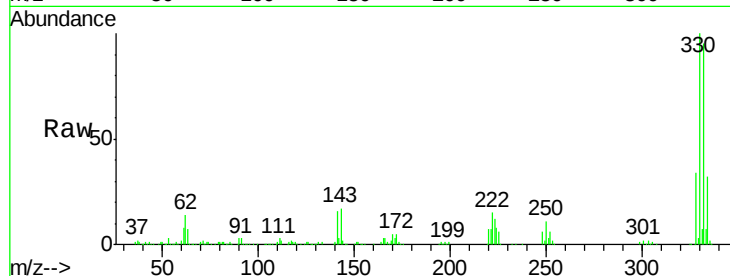




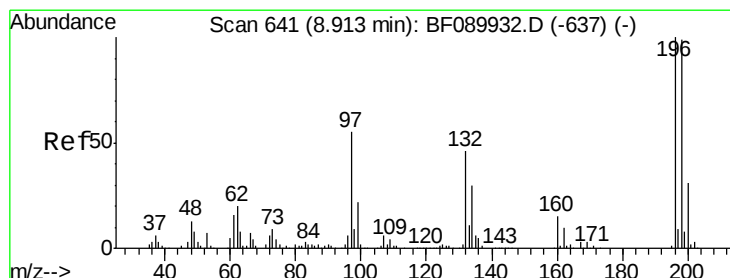
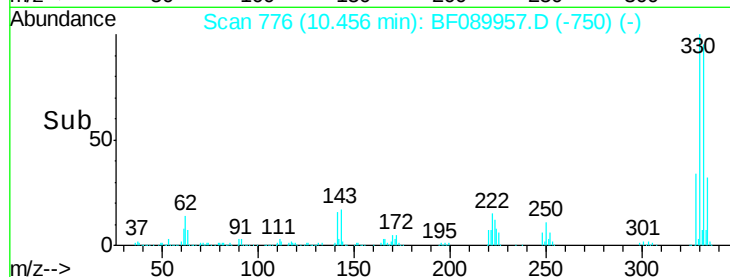
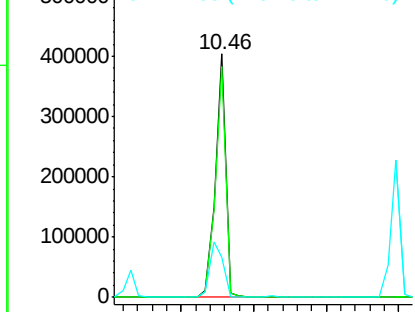
#41
 2,4,6-Tribromophenol
 Concen: 115.19 ng
 RT: 10.46 min Scan# 776
 Delta R.T. 0.00 min
 Lab File: BF089957.D
 Acq: 31 Aug 2016 18:24

Instrument :
 BNA_F
 ClientSampleId :
 MSP-BPMMS

Tot Ion:330 Resp: 397344
 Ion Ratio Lower Upper
 330 100
 332 95.1 78.6 117.8
 141 29.5 23.3 34.9

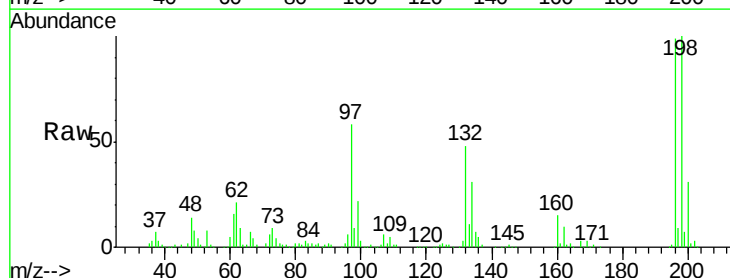


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

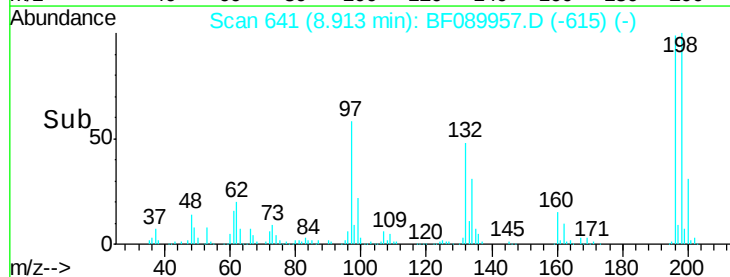
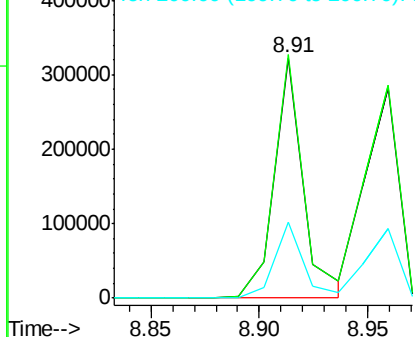


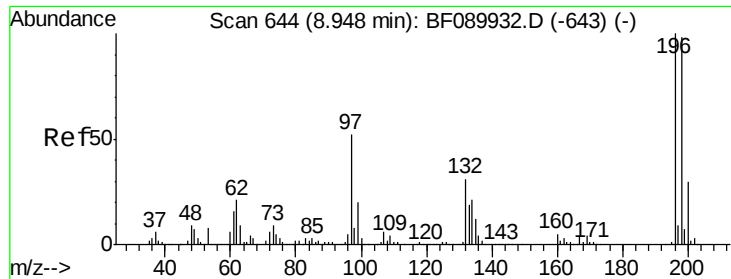
#42
 2,4,6-Trichlorophenol
 Concen: 42.69 ng
 RT: 8.91 min Scan# 641
 Delta R.T. 0.00 min
 Lab File: BF089957.D
 Acq: 31 Aug 2016 18:24

Tgt Ion:196 Resp: 303030
 Ion Ratio Lower Upper
 196 100
 198 101.5 78.3 117.5
 200 31.6 24.8 37.2



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

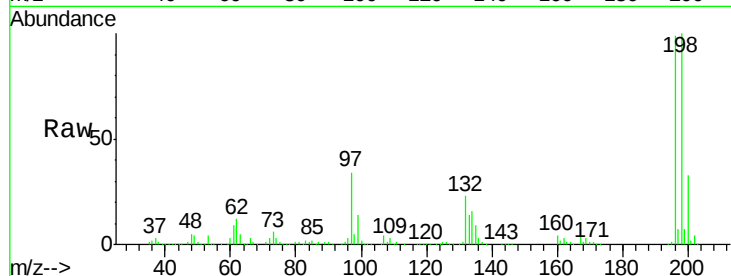




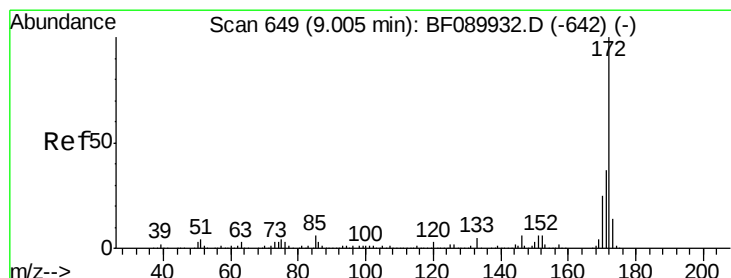
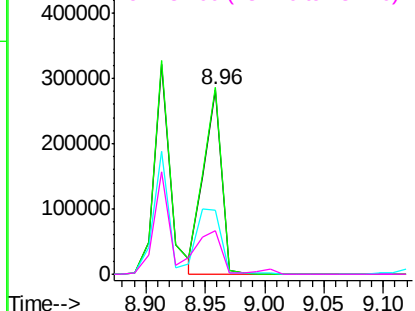
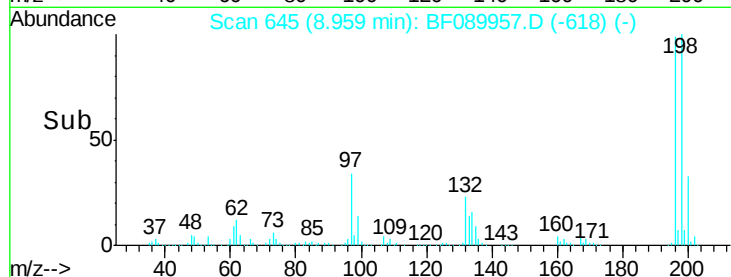
#43
 2,4,5-Trichlorophenol
 Concen: 44.55 ng
 RT: 8.96 min Scan# 645
 Delta R.T. 0.01 min
 Lab File: BF089957.D
 Acq: 31 Aug 2016 18:24

Instrument :
 BNA_F
 ClientSampleId :
 MSP-BPMMS

Tot Ion:196 Resp: 304072
 Ion Ratio Lower Upper
 196 100
 198 101.3 80.8 121.2
 97 34.8 44.2 66.4#
 132 23.4 25.8 38.6#

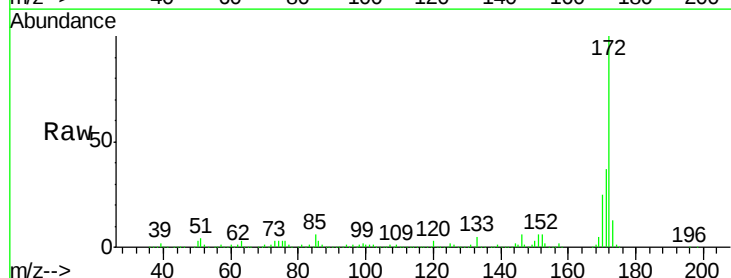


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

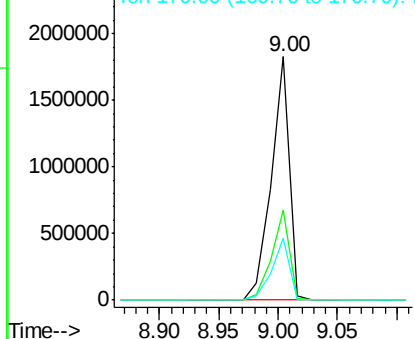
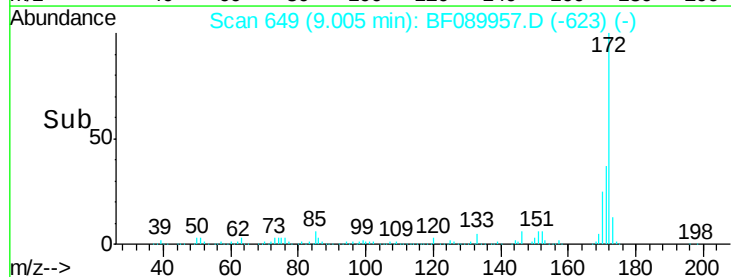


#44
 2-Fluorobiphenyl
 Concen: 90.66 ng
 RT: 9.00 min Scan# 649
 Delta R.T. 0.00 min
 Lab File: BF089957.D
 Acq: 31 Aug 2016 18:24

Tgt Ion:172 Resp: 1931039
 Ion Ratio Lower Upper
 172 100
 171 36.9 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: 34.18 ng

RT: 9.10 min Scan# 657

Delta R.T. 0.00 min

Lab File: BF089957.D

Acq: 31 Aug 2016 18:24

Instrument :

BNA_F

ClientSampleId :

MSP-BPMMS

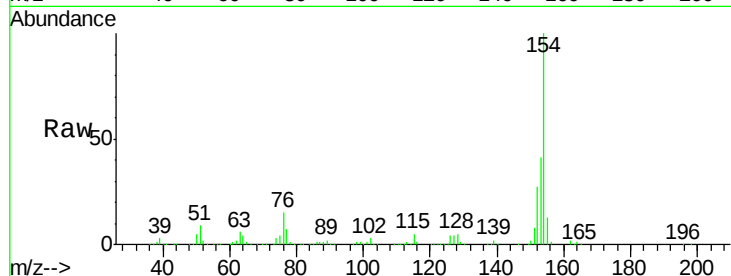
Tot Ion:154 Resp: 962284

Ion Ratio Lower Upper

154 100

153 40.9 20.6 60.6

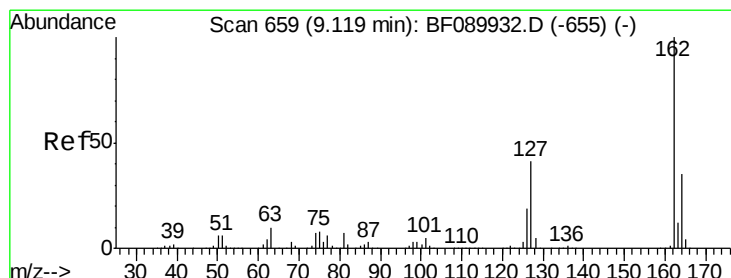
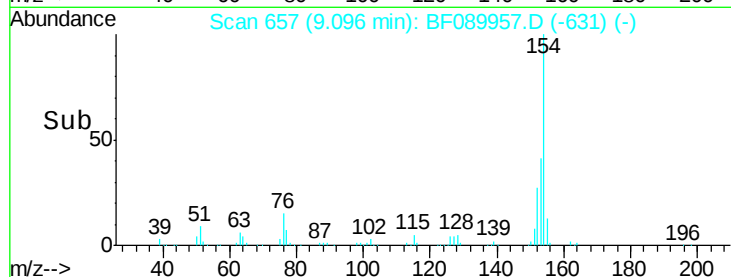
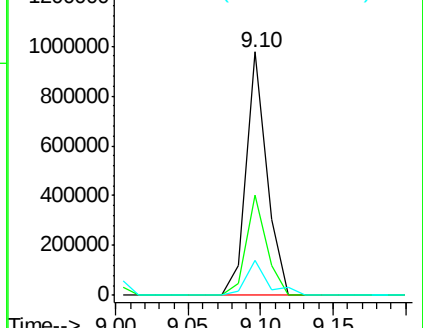
76 14.6 0.0 34.9



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: 43.60 ng

RT: 9.12 min Scan# 659

Delta R.T. 0.00 min

Lab File: BF089957.D

Acq: 31 Aug 2016 18:24

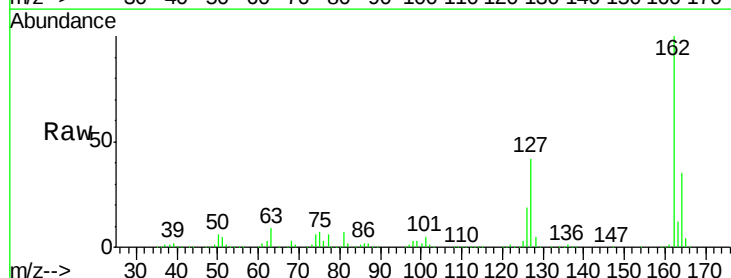
Tgt Ion:162 Resp: 868173

Ion Ratio Lower Upper

162 100

127 41.5 33.5 50.3

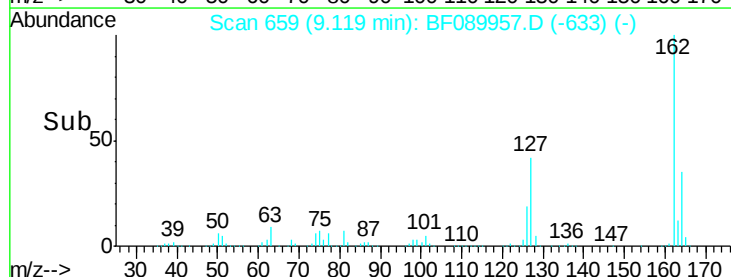
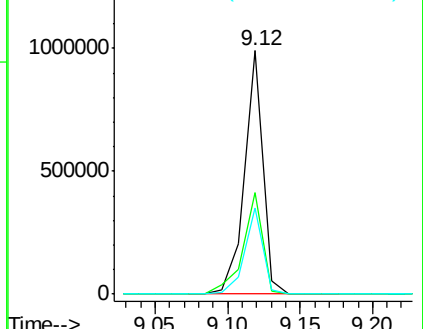
164 35.4 28.2 42.4

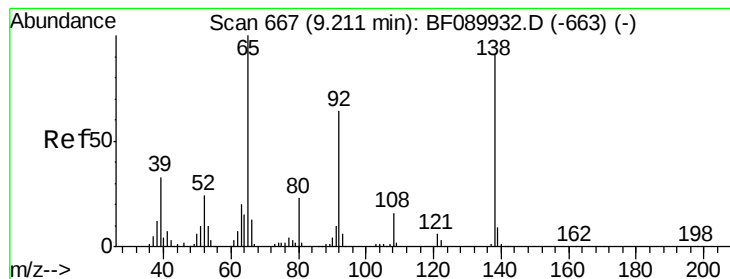


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 40.44 ng

RT: 9.21 min Scan# 667

Delta R.T. 0.00 min

Lab File: BF089957.D

Acq: 31 Aug 2016 18:24

Instrument :

BNA_F

ClientSampleId :

MSP-BPMMS

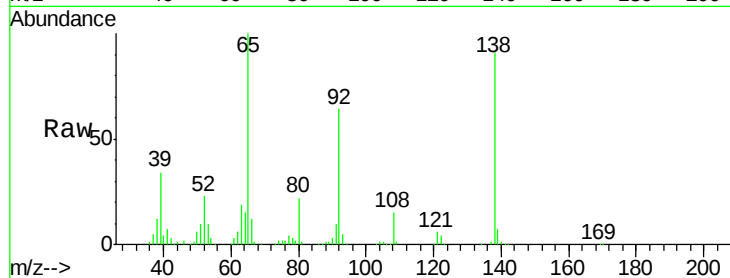
Tot Ion: 65 Resp: 263261

Ion Ratio Lower Upper

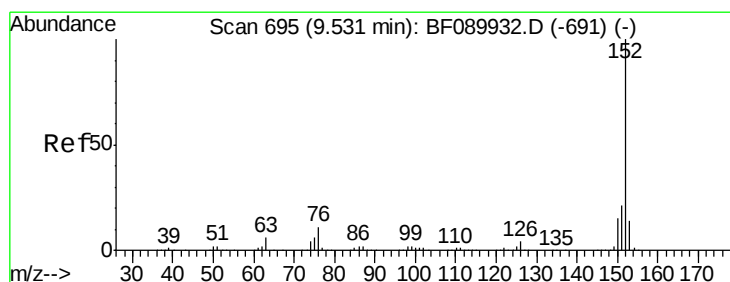
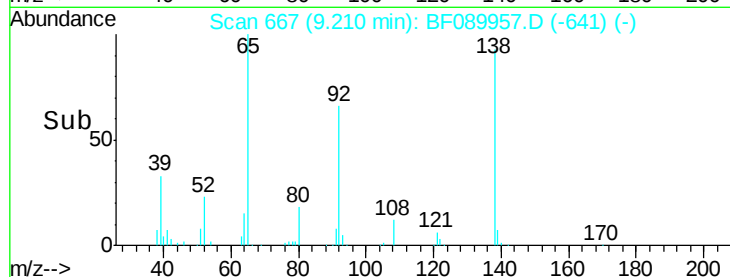
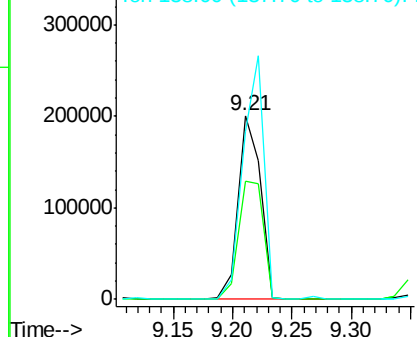
65 100

92 64.4 52.0 78.0

138 91.3 72.1 108.1



Abundance Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0
Ion 138.00 (137.70 to 138.70): E



#48

Acenaphthylene

Concen: 39.93 ng

RT: 9.53 min Scan# 695

Delta R.T. 0.00 min

Lab File: BF089957.D

Acq: 31 Aug 2016 18:24

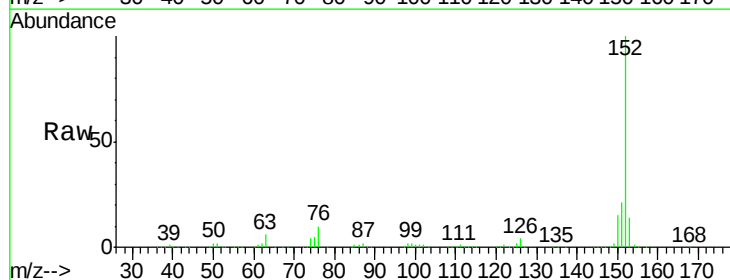
Tgt Ion: 152 Resp: 1314671

Ion Ratio Lower Upper

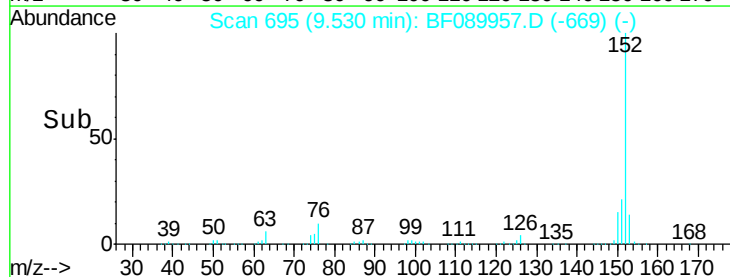
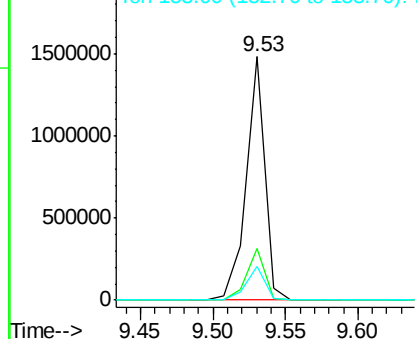
152 100

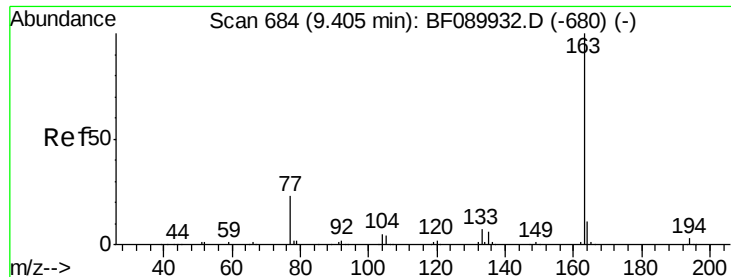
151 21.1 16.7 25.1

153 14.0 11.6 17.4



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E

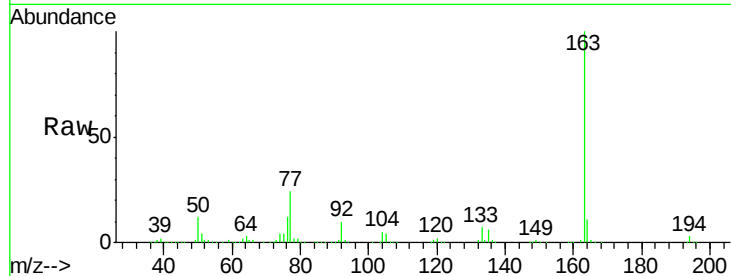




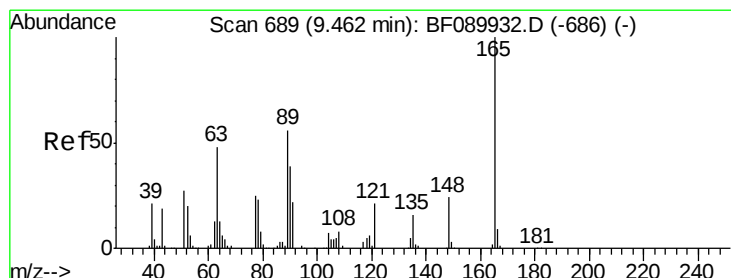
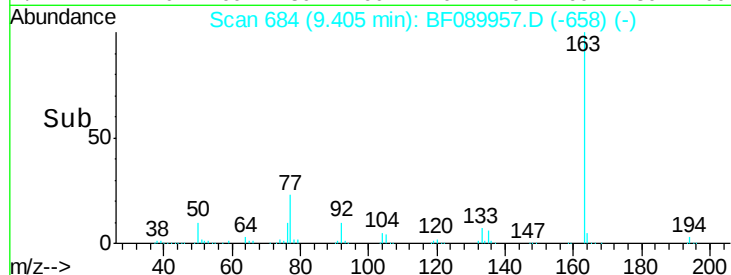
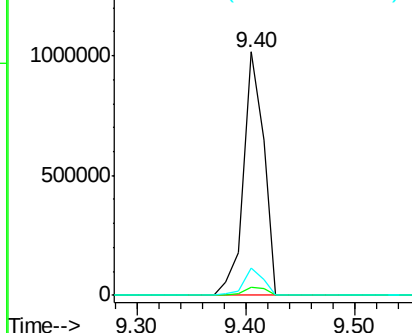
#49
Dimethylphthalate
Concen: 51.58 ng
RT: 9.40 min Scan# 684
Delta R.T. 0.00 min
Lab File: BF089957.D
Acq: 31 Aug 2016 18:24

Instrument :
BNA_F
ClientSampleId :
MSP-BPMMS

Tot Ion:163 Resp: 1303351
Ion Ratio Lower Upper
163 100
194 3.4 2.7 4.1
164 11.3 9.0 13.4

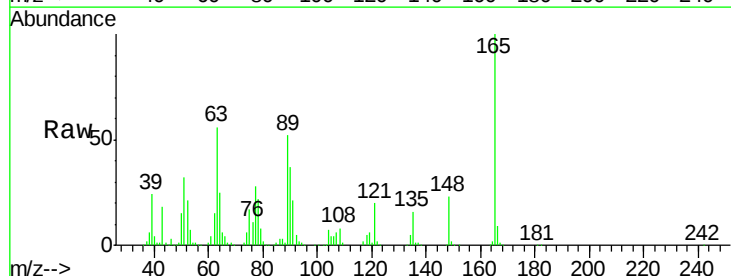


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

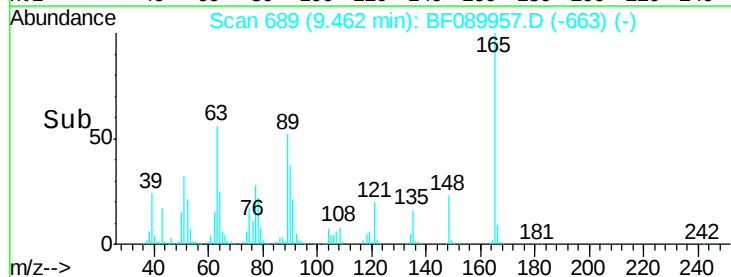
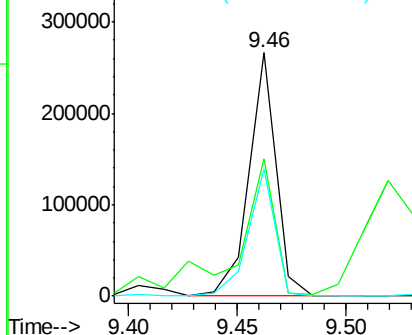


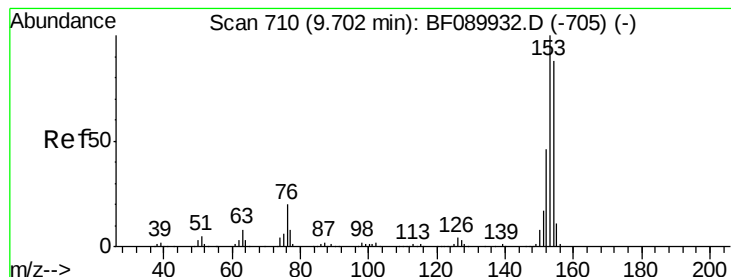
#50
2,6-Dinitrotoluene
Concen: 40.79 ng
RT: 9.46 min Scan# 689
Delta R.T. 0.00 min
Lab File: BF089957.D
Acq: 31 Aug 2016 18:24

Tgt Ion:165 Resp: 229281
Ion Ratio Lower Upper
165 100
63 56.4 45.0 67.4
89 52.0 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: 40.68 ng

RT: 9.70 min Scan# 710

Delta R.T. 0.00 min

Lab File: BF089957.D

Acq: 31 Aug 2016 18:24

Instrument :

BNA_F

ClientSampleId :

MSP-BPMMS

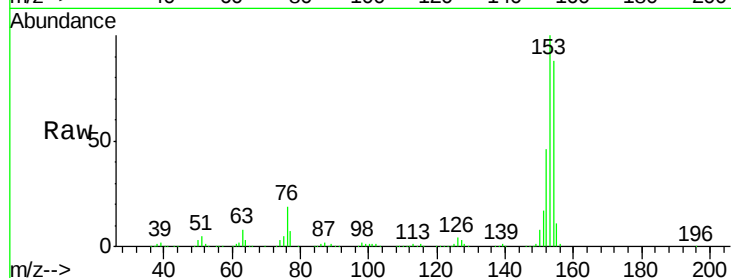
Tot Ion:154 Resp: 848687

Ion Ratio Lower Upper

154 100

153 113.7 90.6 135.8

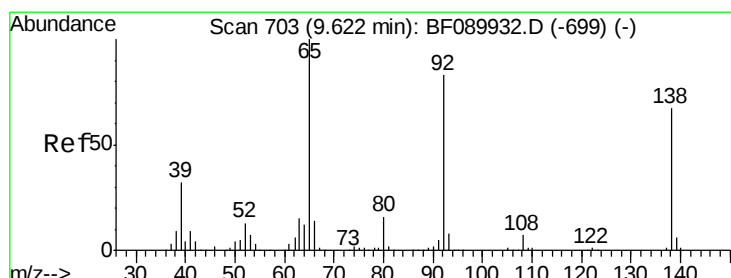
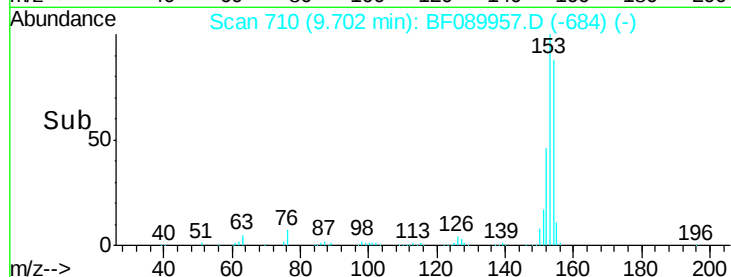
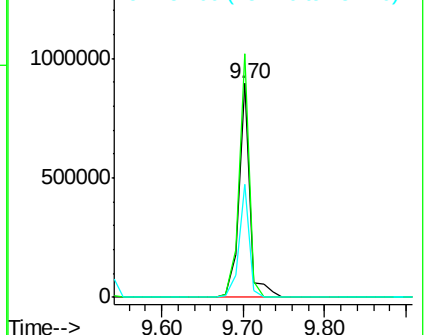
152 52.6 42.4 63.6



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: 28.00 ng

RT: 9.62 min Scan# 703

Delta R.T. 0.00 min

Lab File: BF089957.D

Acq: 31 Aug 2016 18:24

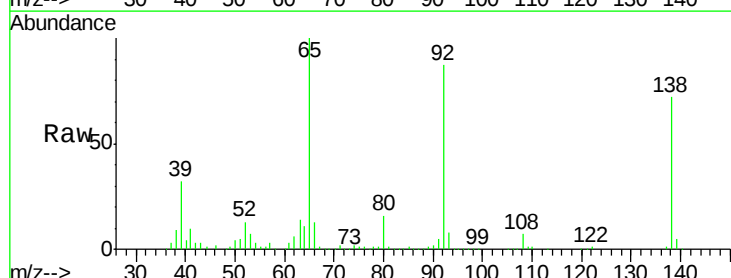
Tgt Ion:138 Resp: 179470

Ion Ratio Lower Upper

138 100

108 10.3 8.3 12.5

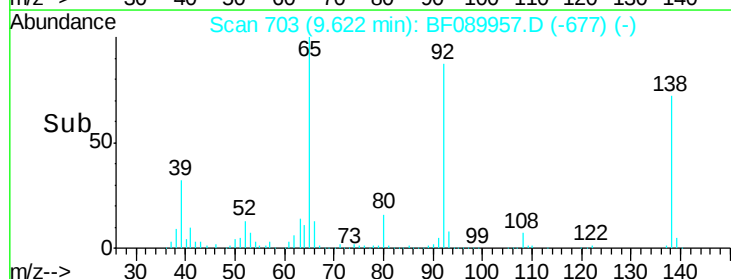
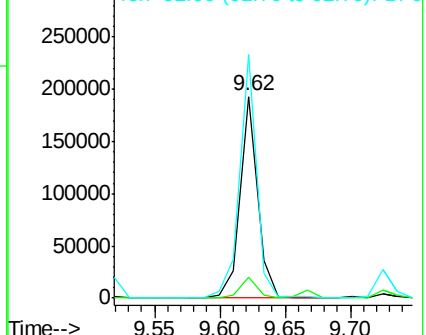
92 120.9 99.1 148.7

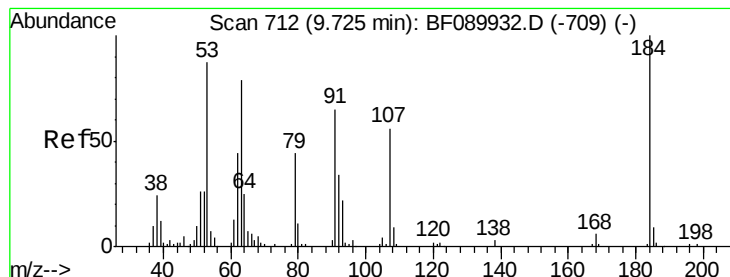


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0





#53

2,4-Dinitrophenol

Concen: 38.73 ng

RT: 9.72 min Scan# 712

Delta R.T. 0.00 min

Lab File: BF089957.D

Acq: 31 Aug 2016 18:24

Instrument :

BNA_F

ClientSampleId :

MSP-BPMMS

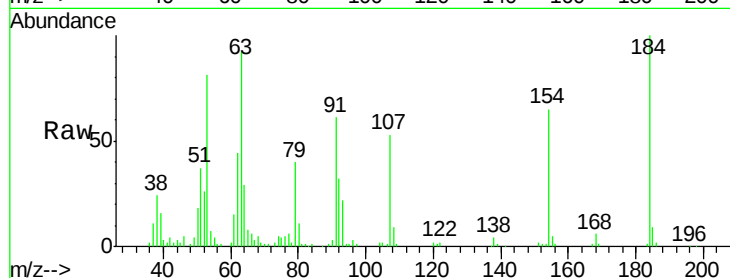
Tot Ion:184 Resp: 105883

Ion Ratio Lower Upper

184 100

63 92.1 73.9 110.9

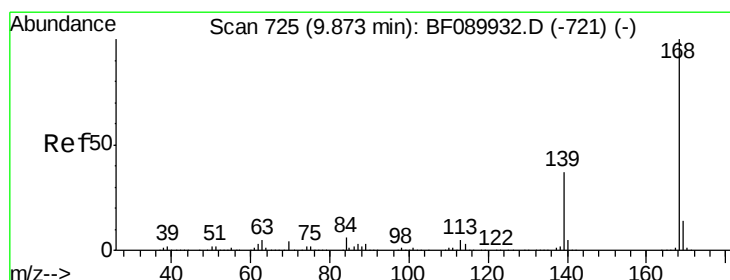
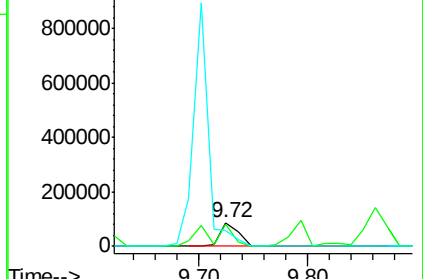
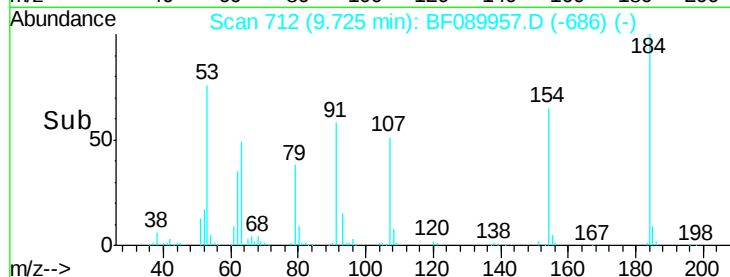
154 65.2 53.5 80.3



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 154.00 (153.70 to 154.70): E



#54

Dibenzofuran

Concen: 42.20 ng

RT: 9.87 min Scan# 725

Delta R.T. 0.00 min

Lab File: BF089957.D

Acq: 31 Aug 2016 18:24

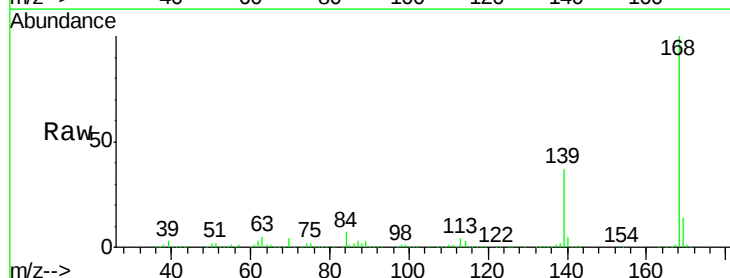
Tgt Ion:168 Resp: 1179786

Ion Ratio Lower Upper

168 100

139 36.7 29.5 44.3

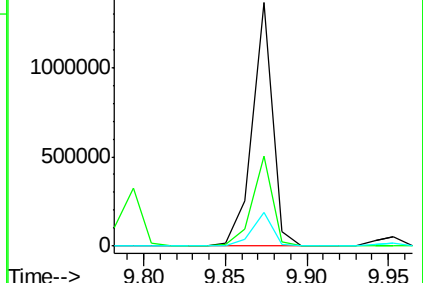
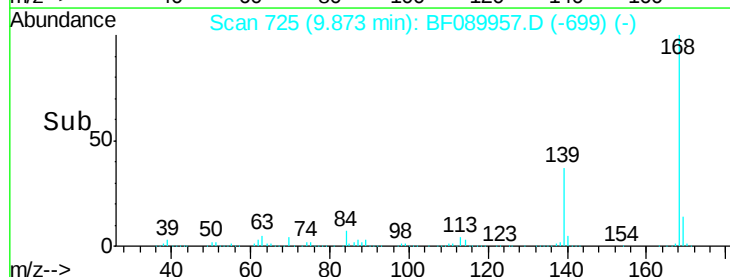
169 13.9 10.8 16.2

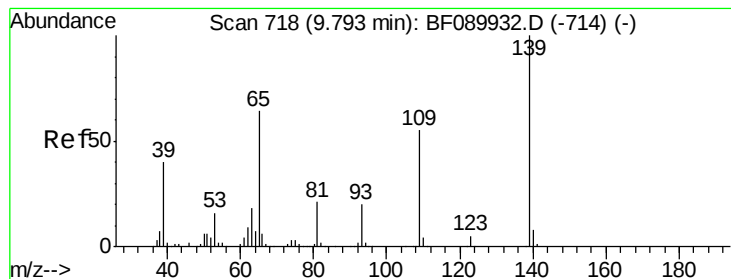


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E





#55

4-Nitrophenol

Concen: 65.35 ng

RT: 9.79 min Scan# 718

Delta R.T. 0.00 min

Lab File: BF089957.D

Acq: 31 Aug 2016 18:24

Instrument :

BNA_F

ClientSampleId :

MSP-BPMMS

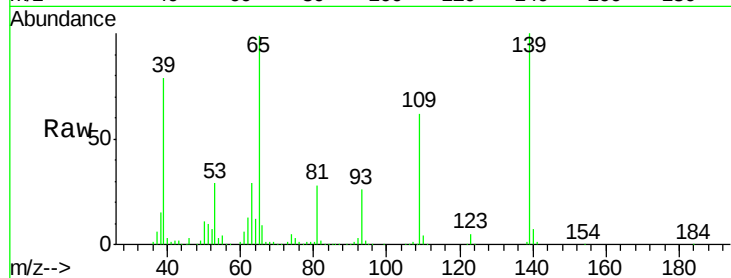
Tot Ion:139 Resp: 315962

Ion Ratio Lower Upper

139 100

109 62.2 31.3 71.3

65 98.6 38.5 78.5#

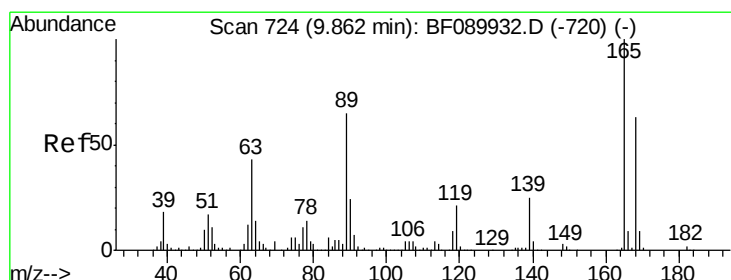
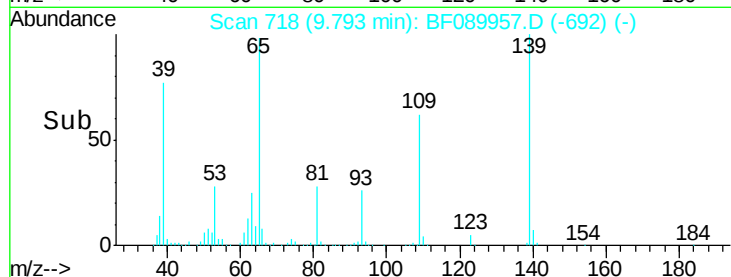


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): E

Time-->



#56

2,4-Dinitrotoluene

Concen: 44.30 ng

RT: 9.86 min Scan# 724

Delta R.T. 0.00 min

Lab File: BF089957.D

Acq: 31 Aug 2016 18:24

Tgt Ion:165 Resp: 315775

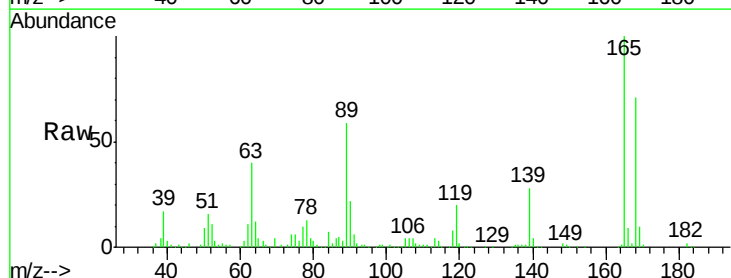
Ion Ratio Lower Upper

165 100

63 39.9 32.5 48.7

89 59.4 48.3 72.5

182 2.3 1.7 2.5



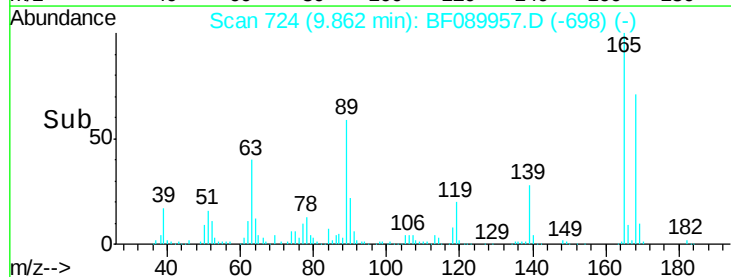
Abundance Ion 165.00 (164.70 to 165.70): E

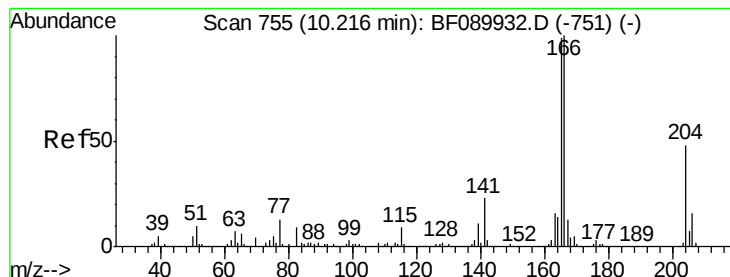
Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E

Time-->





#57

Fluorene

Concen: 43.45 ng

RT: 10.22 min Scan# 755

Delta R.T. 0.00 min

Lab File: BF089957.D

Acq: 31 Aug 2016 18:24

Instrument :

BNA_F

ClientSampleId :

MSP-BPMMS

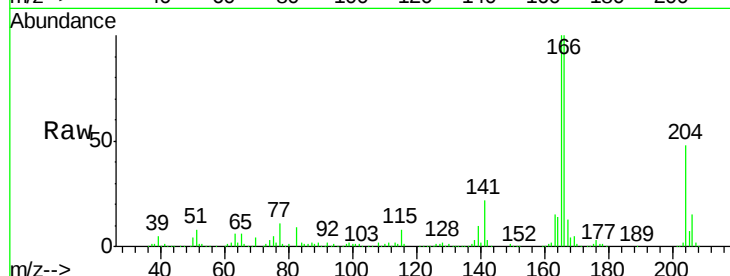
Tot Ion:166 Resp: 887545

Ion Ratio Lower Upper

166 100

165 99.8 78.6 118.0

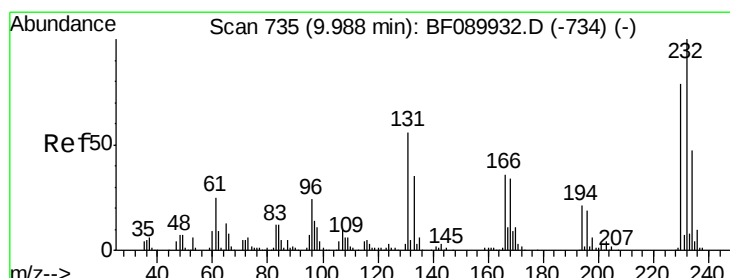
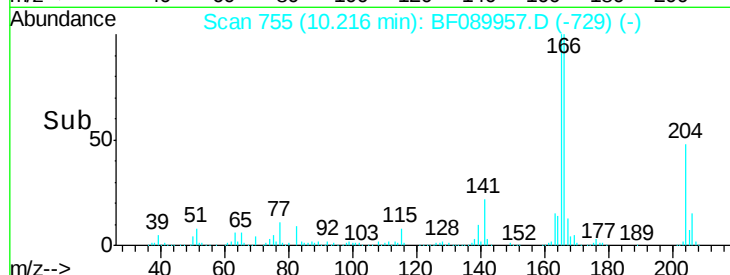
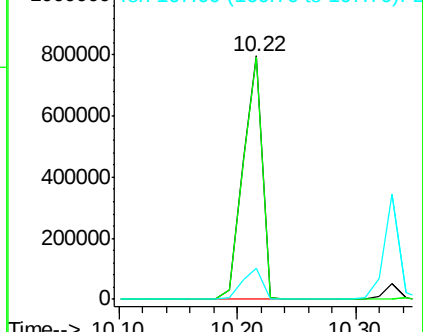
167 13.0 10.6 15.8



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: 38.75 ng

RT: 9.99 min Scan# 735

Delta R.T. 0.00 min

Lab File: BF089957.D

Acq: 31 Aug 2016 18:24

Tgt Ion:232 Resp: 226459

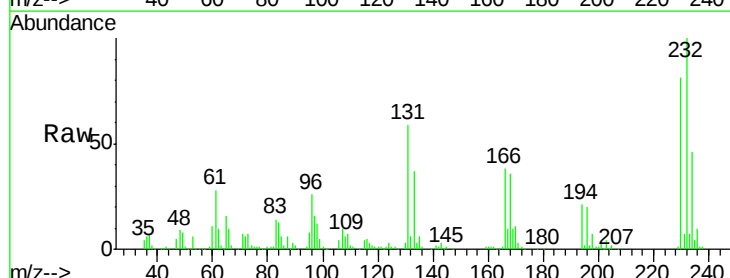
Ion Ratio Lower Upper

232 100

131 44.8 36.3 54.5

130 1.9 1.7 2.5

166 30.9 24.4 36.6

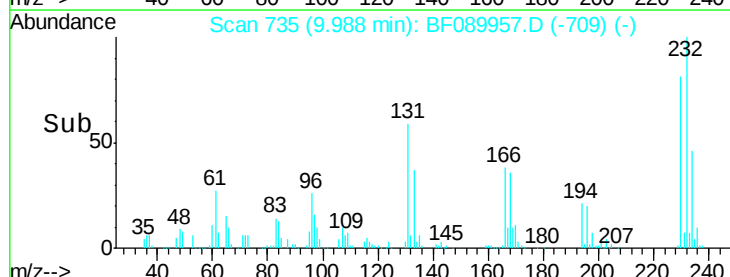
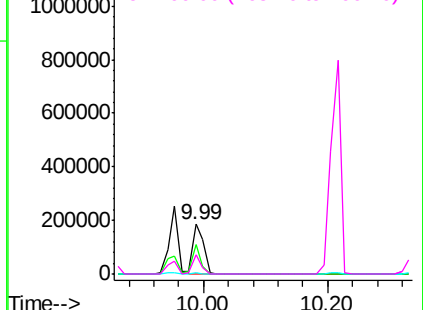


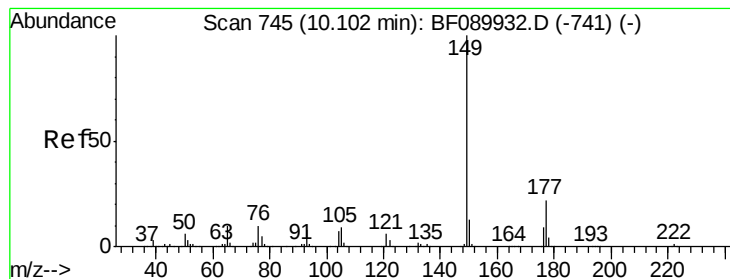
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 39.47 ng

RT: 10.10 min Scan# 745

Delta R.T. 0.00 min

Lab File: BF089957.D

Acq: 31 Aug 2016 18:24

Instrument :

BNA_F

ClientSampleId :

MSP-BPMMS

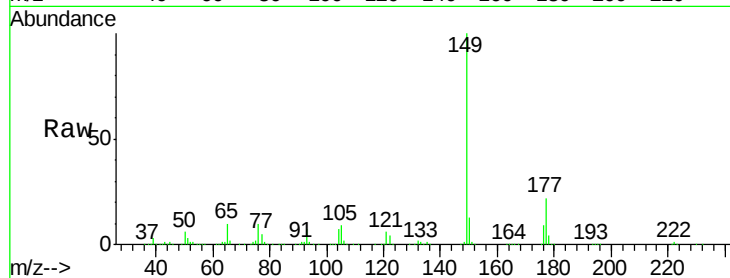
Tot Ion:149 Resp: 938293

Ion Ratio Lower Upper

149 100

177 21.8 17.7 26.5

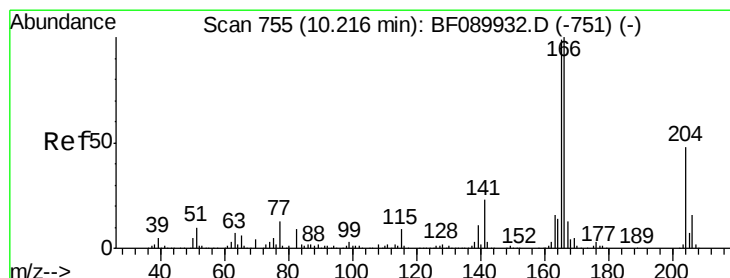
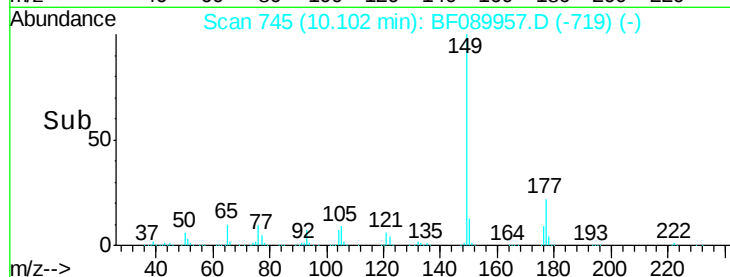
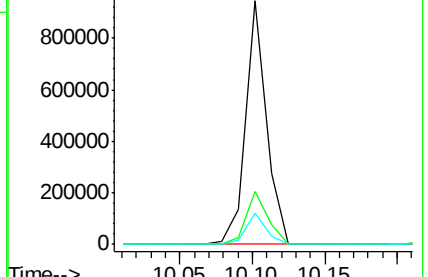
150 12.9 10.2 15.2



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: 43.22 ng

RT: 10.22 min Scan# 755

Delta R.T. 0.00 min

Lab File: BF089957.D

Acq: 31 Aug 2016 18:24

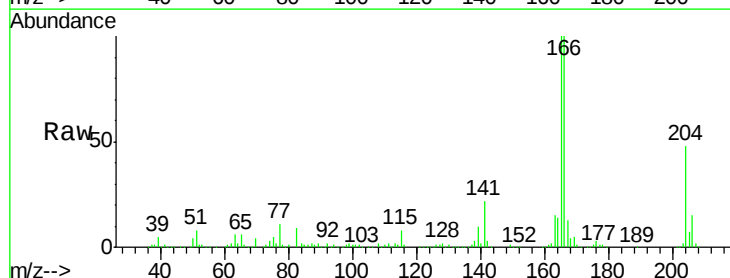
Tgt Ion:204 Resp: 415521

Ion Ratio Lower Upper

204 100

206 32.4 26.6 40.0

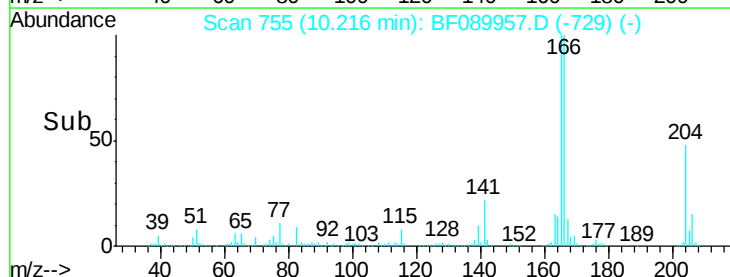
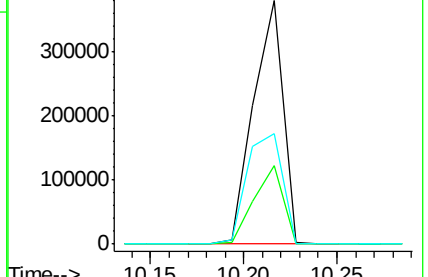
141 45.5 36.5 54.7



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: 31.15 ng

RT: 10.23 min Scan# 756

Delta R.T. -0.01 min

Lab File: BF089957.D

Acq: 31 Aug 2016 18:24

Instrument :

BNA_F

ClientSampleId :

MSP-BPMMS

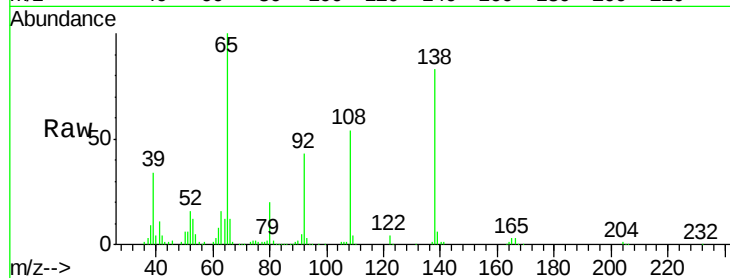
Tot Ion:138 Resp: 196208

Ion Ratio Lower Upper

138 100

92 52.0 21.2 61.2

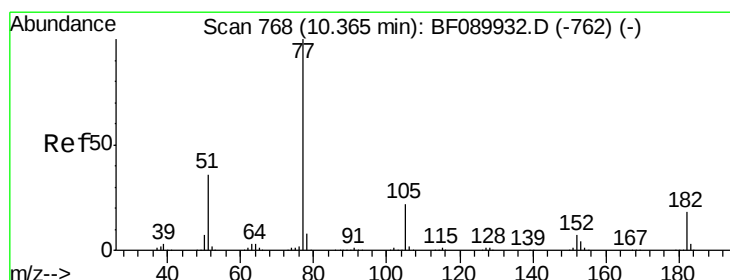
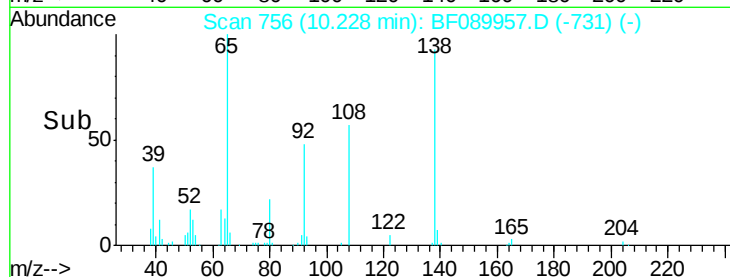
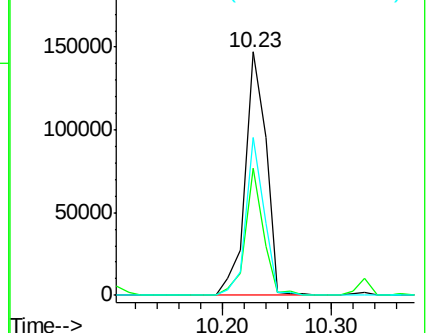
108 64.8 37.7 77.7



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 40.60 ng

RT: 10.36 min Scan# 768

Delta R.T. 0.00 min

Lab File: BF089957.D

Acq: 31 Aug 2016 18:24

Tgt Ion: 77 Resp: 964013

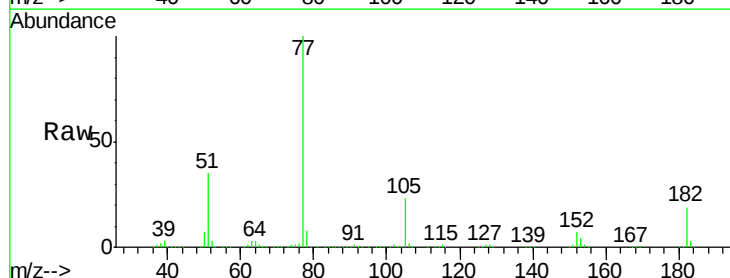
Ion Ratio Lower Upper

77 100

182 19.0 0.0 38.6

105 22.7 2.3 42.3

51 35.4 15.1 55.1

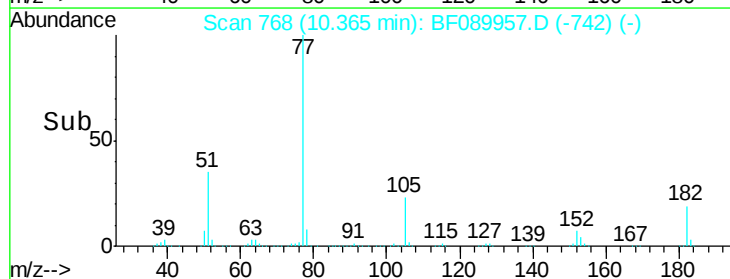
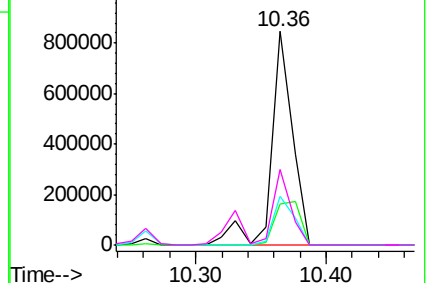


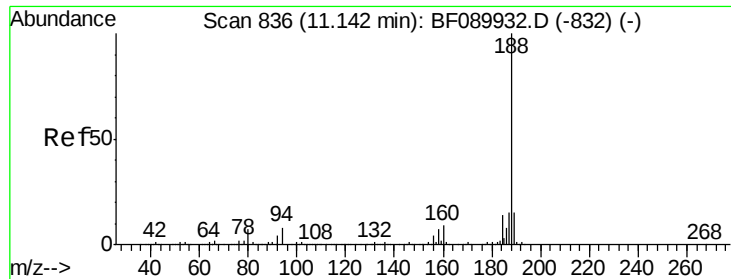
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0

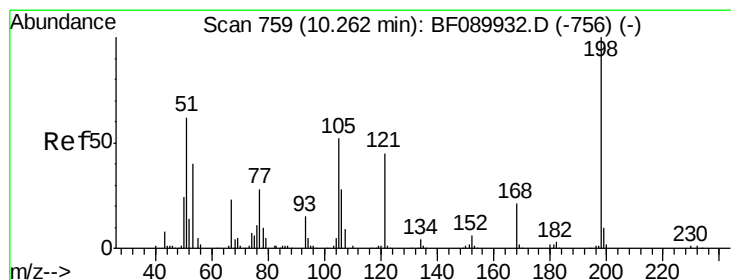
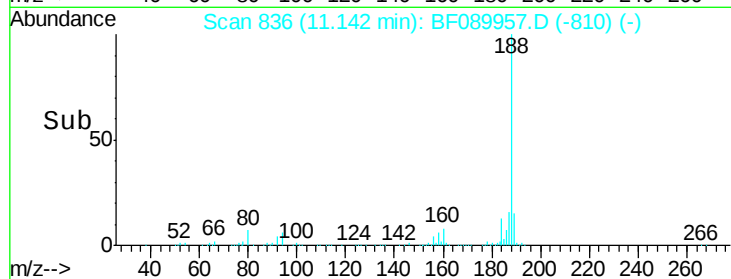
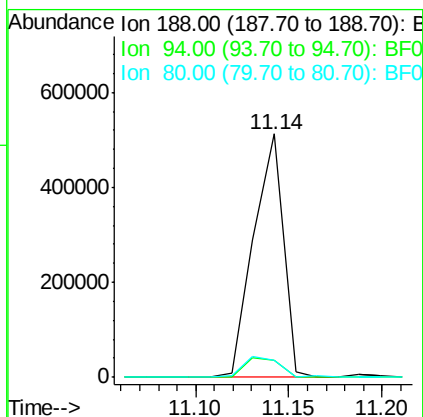
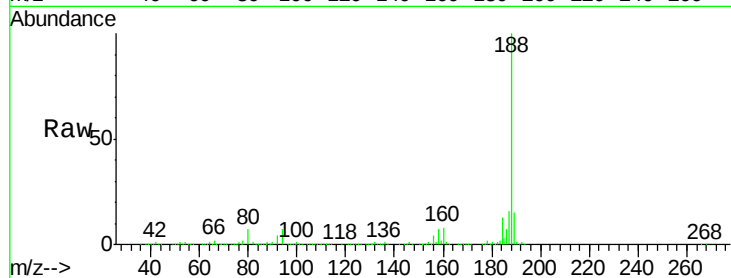




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.14 min Scan# 836
Delta R.T. 0.00 min
Lab File: BF089957.D
Acq: 31 Aug 2016 18:24

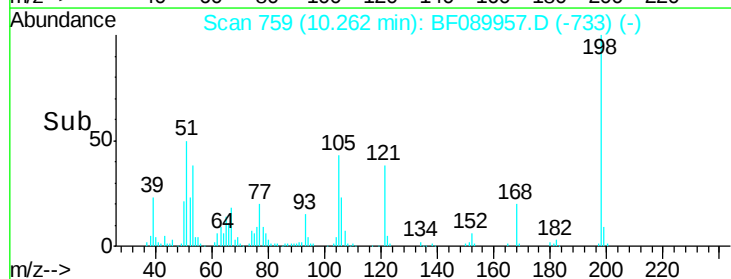
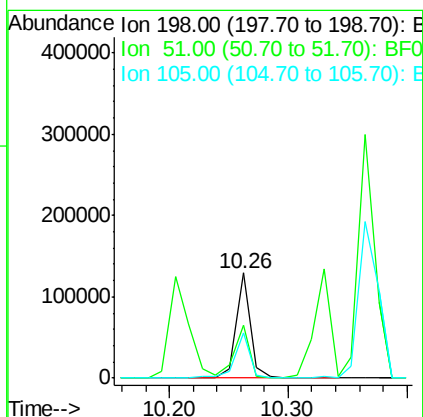
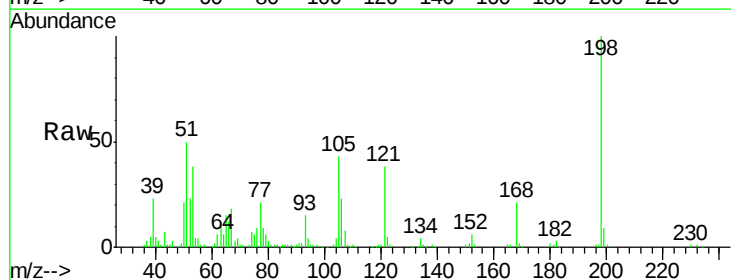
Instrument :
BNA_F
ClientSampleId :
MSP-BPMMS

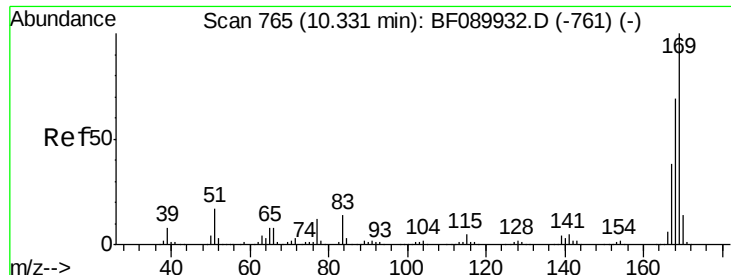
Tot Ion:188 Resp: 566068
Ion Ratio Lower Upper
188 100
94 7.1 5.9 8.9
80 7.0 5.8 8.8



#64
4,6-Dinitro-2-methylphenol
Concen: 29.77 ng
RT: 10.26 min Scan# 759
Delta R.T. 0.00 min
Lab File: BF089957.D
Acq: 31 Aug 2016 18:24

Tgt Ion:198 Resp: 107883
Ion Ratio Lower Upper
198 100
51 50.0 43.0 83.0
105 43.0 30.3 70.3

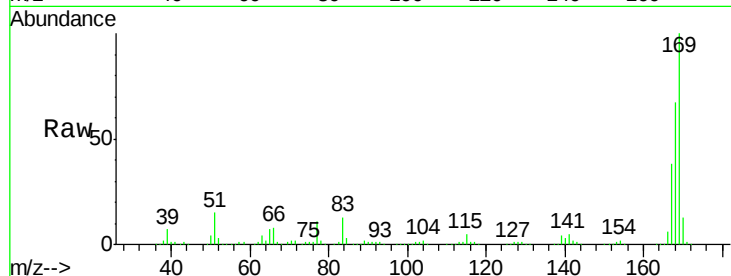




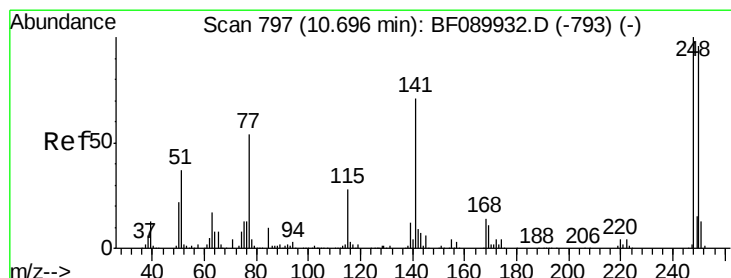
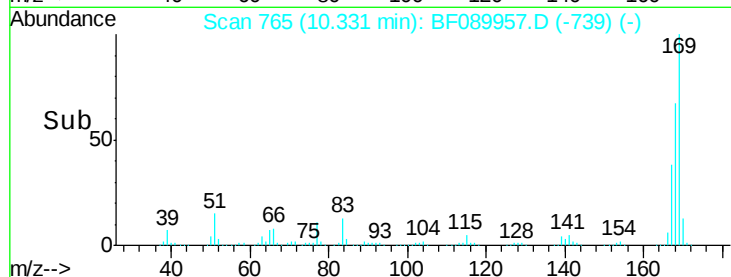
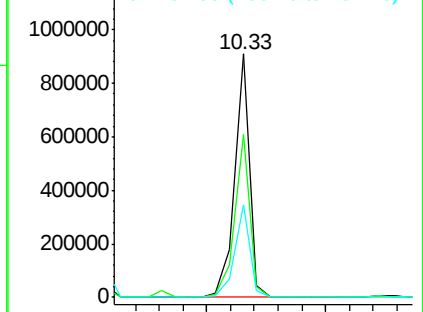
#65
 n-Nitrosodiphenylamine
 Concen: 46.31 ng
 RT: 10.33 min Scan# 765
 Delta R.T. 0.00 min
 Lab File: BF089957.D
 Acq: 31 Aug 2016 18:24

Instrument :
 BNA_F
 ClientSampleId :
 MSP-BPMMS

Tot Ion	Ratio	Lower	Upper
169	100		
168	67.2	55.0	82.4
167	38.0	30.5	45.7

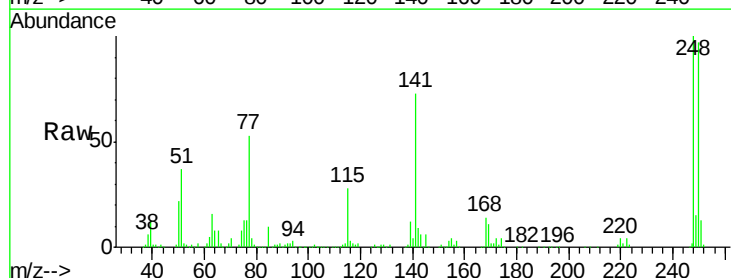


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

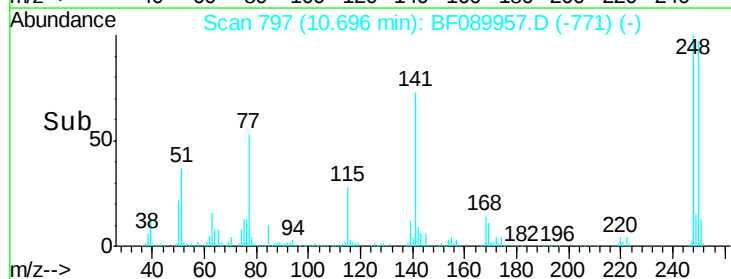
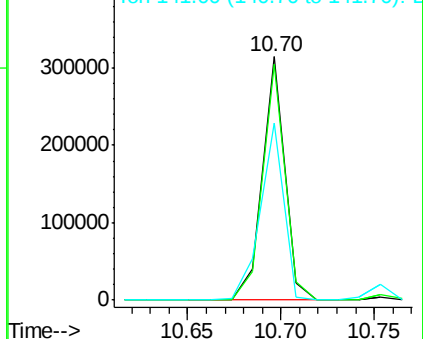


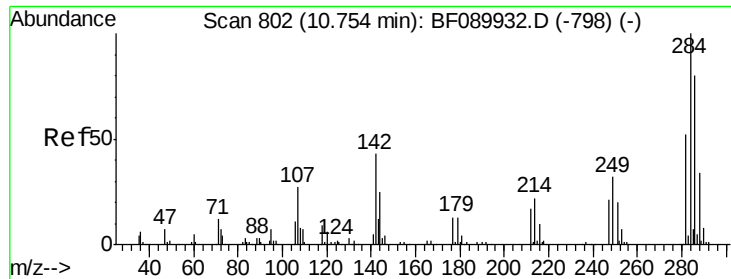
#66
 4-Bromophenyl-phenylether
 Concen: 45.59 ng
 RT: 10.70 min Scan# 797
 Delta R.T. 0.00 min
 Lab File: BF089957.D
 Acq: 31 Aug 2016 18:24

Tgt Ion	Ratio	Lower	Upper
248	100		
250	96.9	77.3	115.9
141	72.5	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

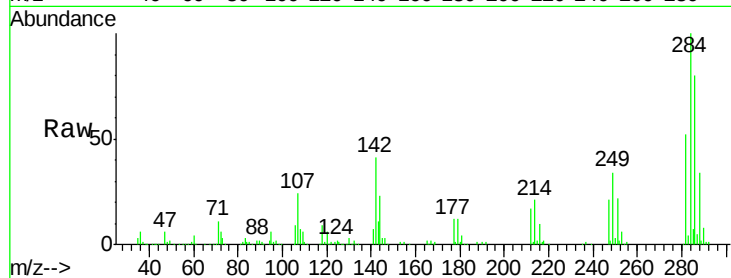




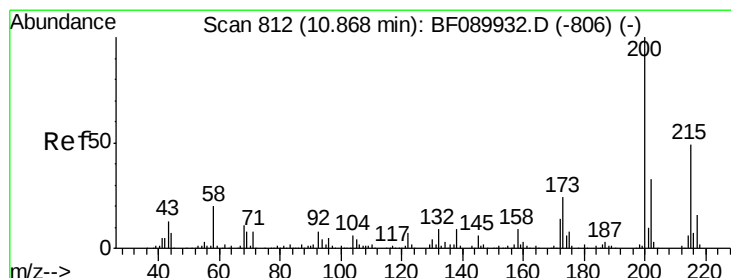
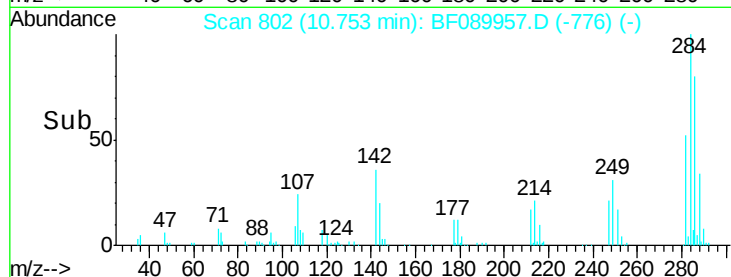
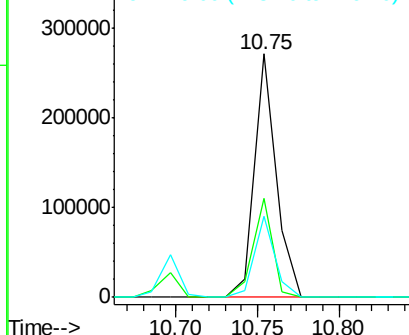
#67
Hexachlorobenzene
Concen: 38.59 ng
RT: 10.75 min Scan# 802
Delta R.T. 0.00 min
Lab File: BF089957.D
Acq: 31 Aug 2016 18:24

Instrument :
BNA_F
ClientSampleId :
MSP-BPMMS

Tot Ion:284 Resp: 251232
Ion Ratio Lower Upper
284 100
142 40.7 32.7 49.1
249 33.5 26.9 40.3

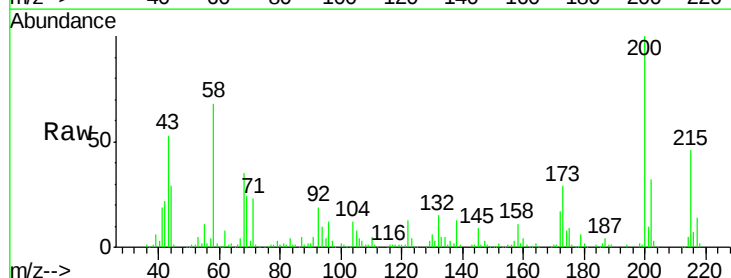


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

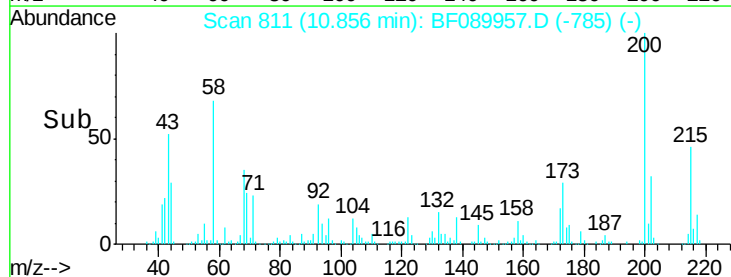
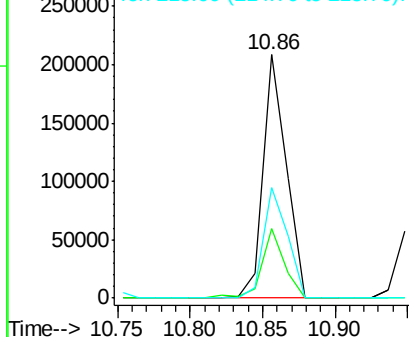


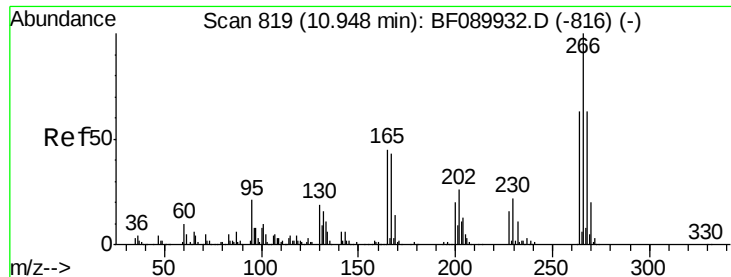
#68
Atrazine
Concen: 40.45 ng
RT: 10.86 min Scan# 811
Delta R.T. 0.00 min
Lab File: BF089957.D
Acq: 31 Aug 2016 18:24

Tgt Ion:200 Resp: 229819
Ion Ratio Lower Upper
200 100
173 28.8 9.4 49.4
215 45.6 24.5 64.5



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

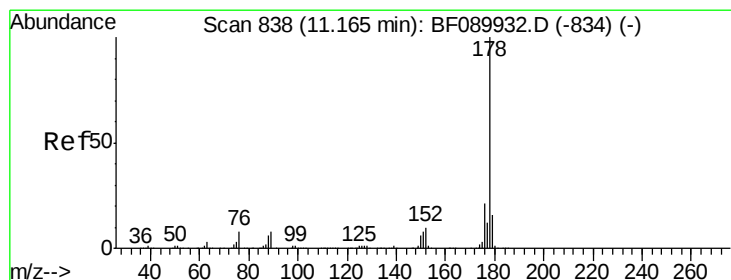
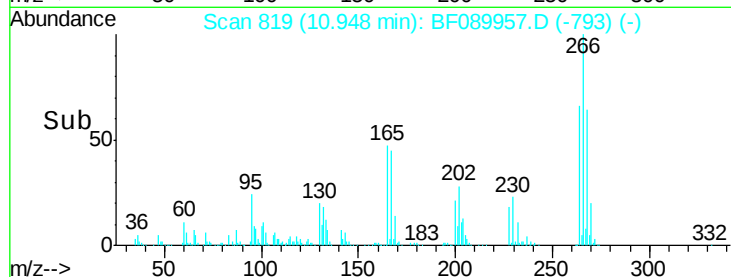
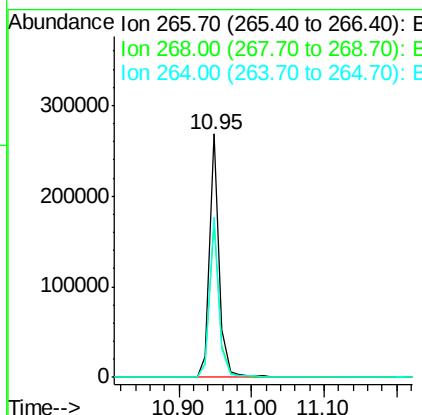
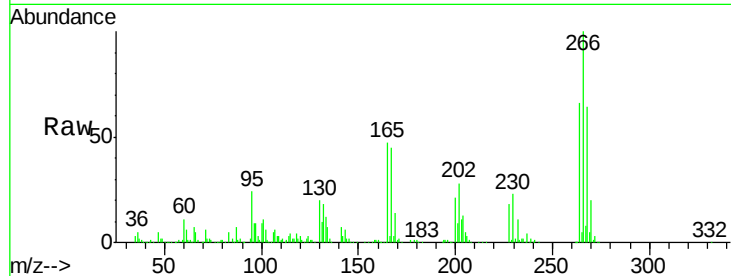




#69
 Pentachlorophenol
 Concen: 71.63 ng
 RT: 10.95 min Scan# 819
 Delta R.T. 0.00 min
 Lab File: BF089957.D
 Acq: 31 Aug 2016 18:24

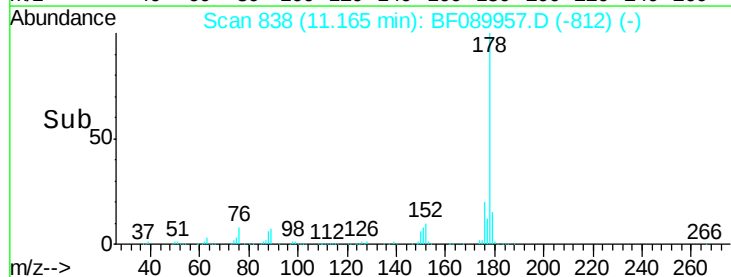
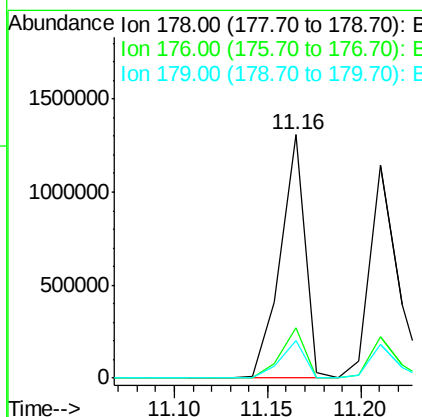
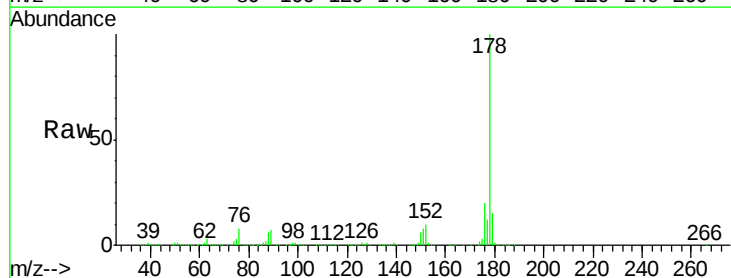
Instrument :
 BNA_F
 ClientSampleId :
 MSP-BPMMS

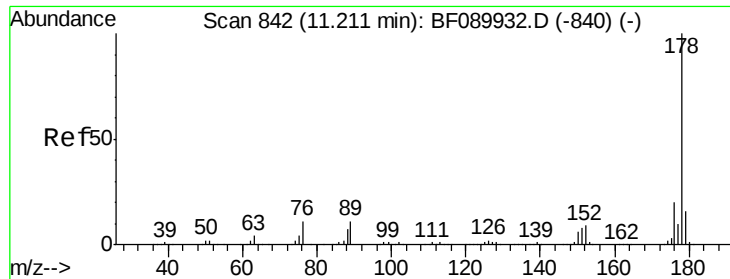
Tot Ion:266 Resp: 250853
 Ion Ratio Lower Upper
 266 100
 268 63.9 51.0 76.6
 264 65.8 50.6 75.8



#70
 Phenanthrene
 Concen: 42.90 ng
 RT: 11.16 min Scan# 838
 Delta R.T. 0.00 min
 Lab File: BF089957.D
 Acq: 31 Aug 2016 18:24

Tgt Ion:178 Resp: 1209433
 Ion Ratio Lower Upper
 178 100
 176 20.5 16.5 24.7
 179 15.5 12.8 19.2

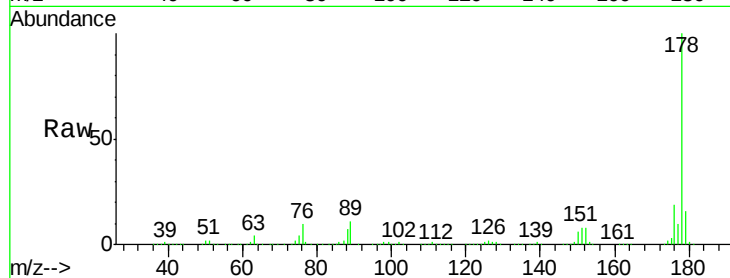




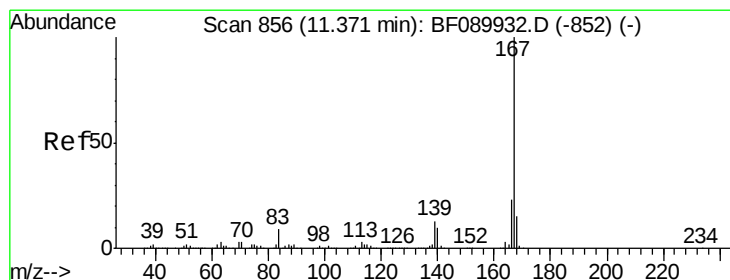
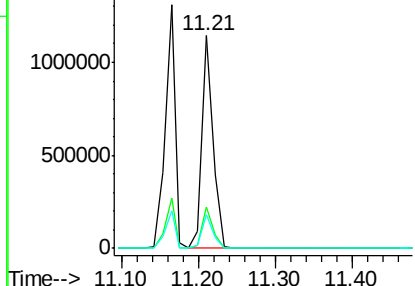
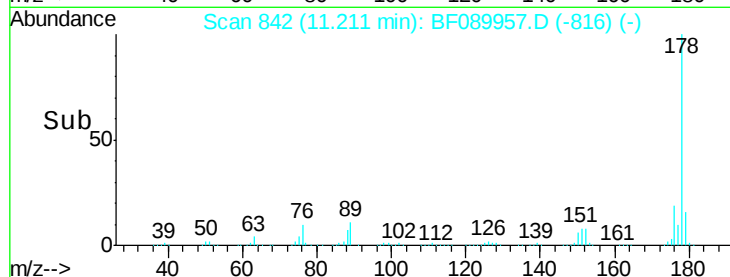
#71
 Anthracene
 Concen: 39.36 ng
 RT: 11.21 min Scan# 842
 Delta R.T. 0.00 min
 Lab File: BF089957.D
 Acq: 31 Aug 2016 18:24

Instrument :
 BNA_F
 ClientSampleId :
 MSP-BPMMS

Tot Ion:178 Resp: 1125409
 Ion Ratio Lower Upper
 178 100
 176 19.4 15.8 23.8
 179 15.8 13.0 19.4

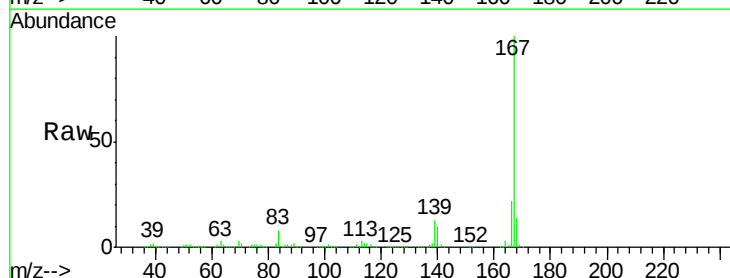


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

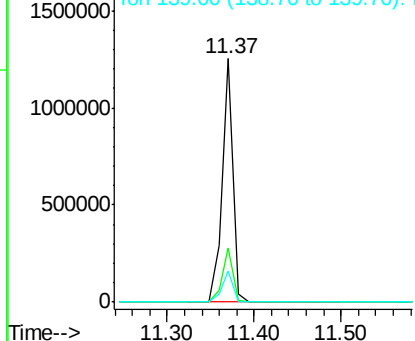
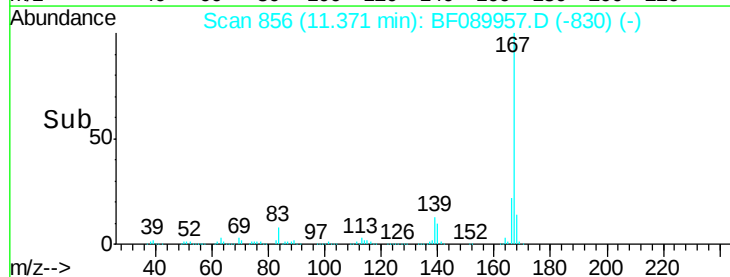


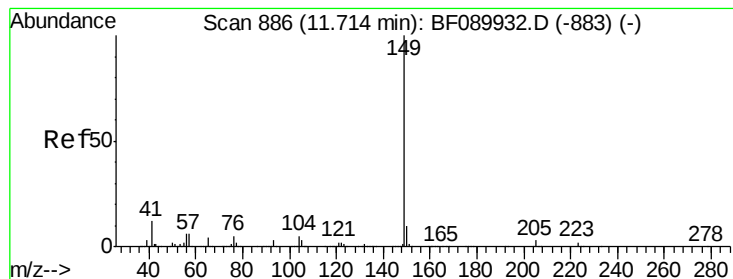
#72
 Carbazole
 Concen: 40.97 ng
 RT: 11.37 min Scan# 856
 Delta R.T. 0.00 min
 Lab File: BF089957.D
 Acq: 31 Aug 2016 18:24

Tgt Ion:167 Resp: 1098266
 Ion Ratio Lower Upper
 167 100
 166 22.2 18.1 27.1
 139 12.7 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: 41.62 ng

RT: 11.71 min Scan# 886

Delta R.T. 0.00 min

Lab File: BF089957.D

Acq: 31 Aug 2016 18:24

Instrument :

BNA_F

ClientSampleId :

MSP-BPMMS

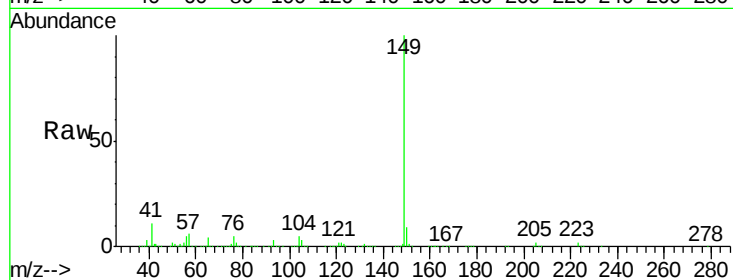
Tot Ion:149 Resp: 1300605

Ion Ratio Lower Upper

149 100

150 9.4 7.8 11.8

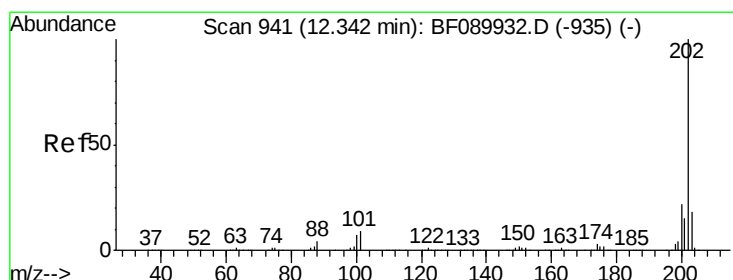
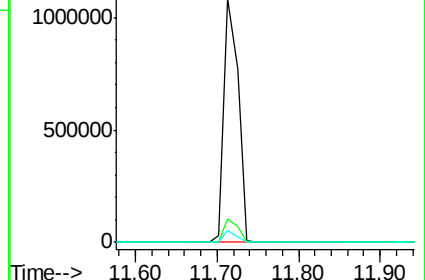
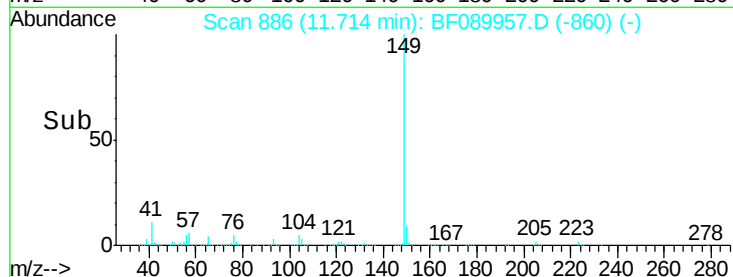
104 5.0 3.9 5.9



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: 39.06 ng

RT: 12.34 min Scan# 941

Delta R.T. 0.00 min

Lab File: BF089957.D

Acq: 31 Aug 2016 18:24

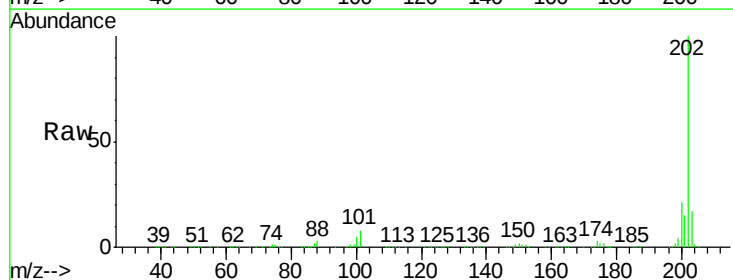
Tgt Ion:202 Resp: 1153870

Ion Ratio Lower Upper

202 100

101 7.5 0.0 28.5

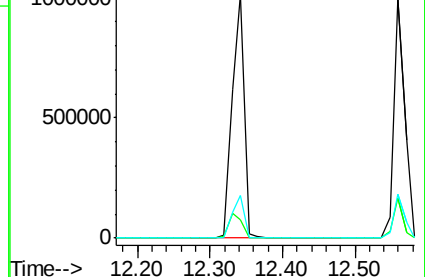
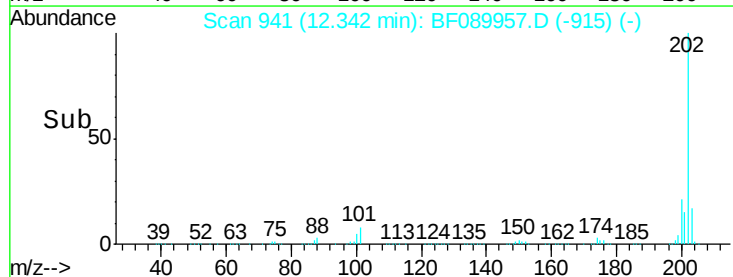
203 17.4 0.0 38.0

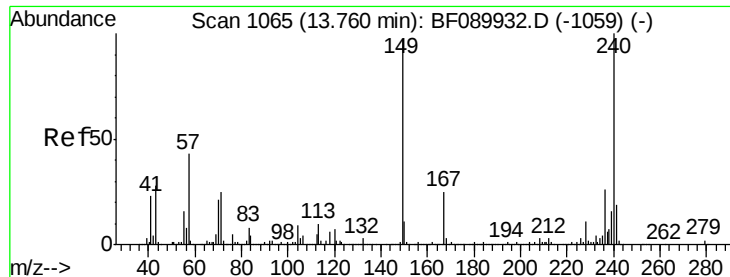


Abundance Ion 202.00 (201.70 to 202.70): E

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: BF089957.D

Acq: 31 Aug 2016 18:24

Instrument :

BNA_F

ClientSampleId :

MSP-BPMMS

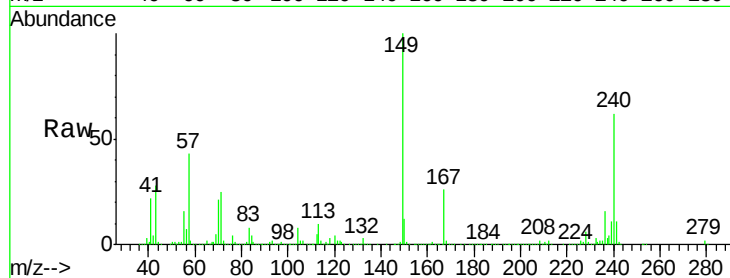
Tot Ion:240 Resp: 384082

Ion Ratio Lower Upper

240 100

120 6.1 5.7 8.5

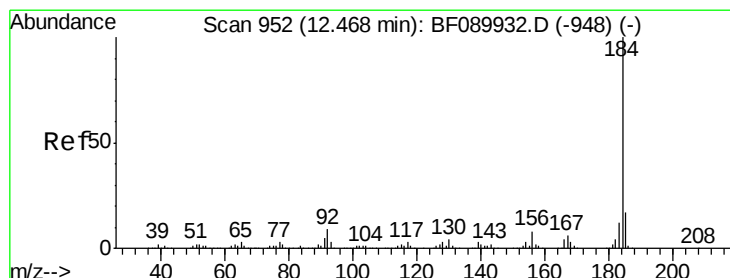
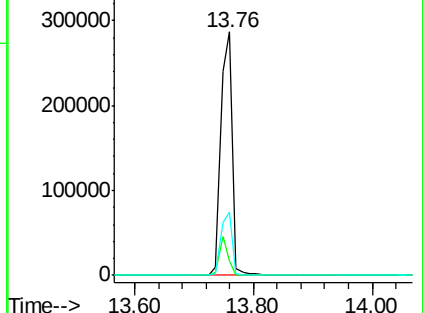
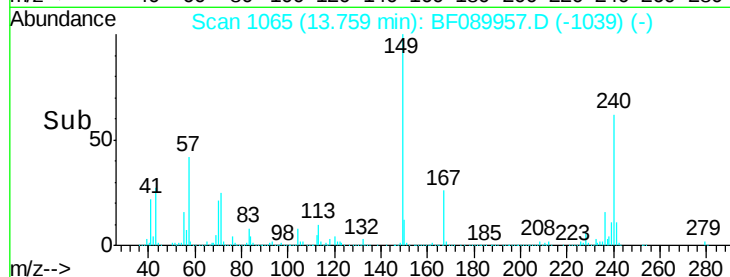
236 26.1 21.3 31.9



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: 31.91 ng

RT: 12.47 min Scan# 952

Delta R.T. 0.00 min

Lab File: BF089957.D

Acq: 31 Aug 2016 18:24

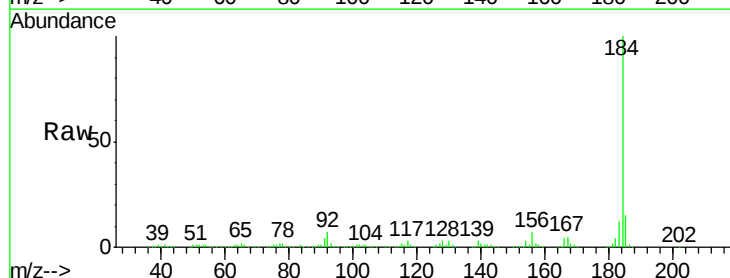
Tgt Ion:184 Resp: 464253

Ion Ratio Lower Upper

184 100

185 15.1 13.8 20.8

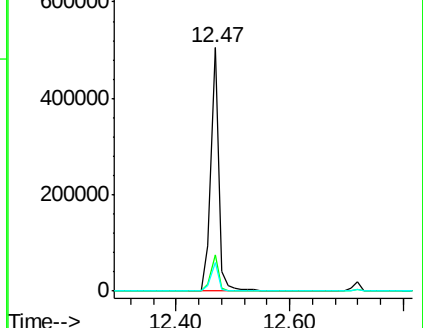
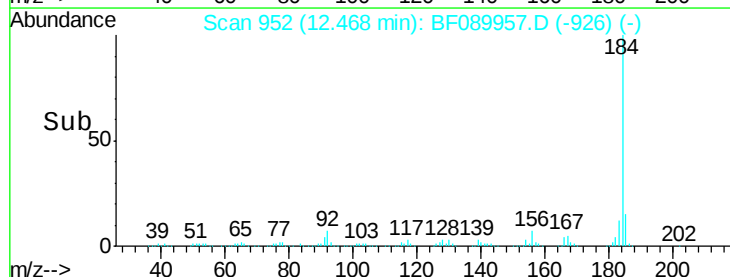
183 11.6 9.6 14.4

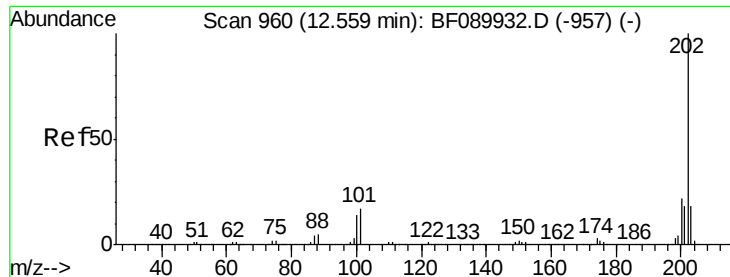


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

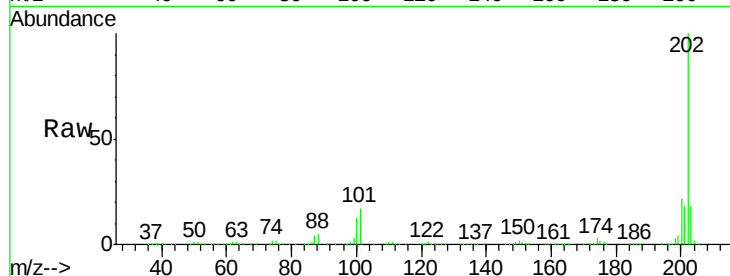




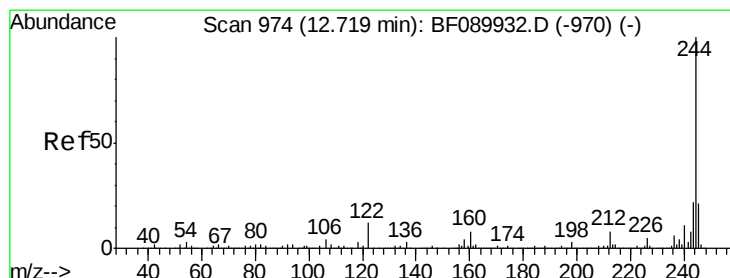
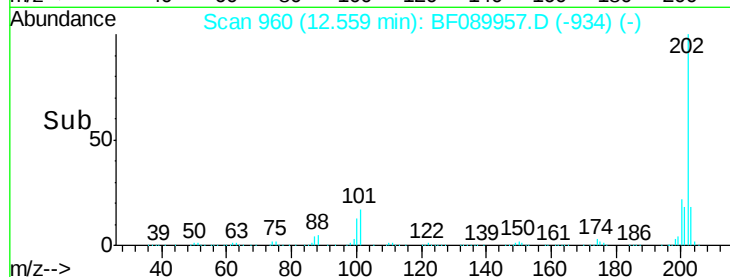
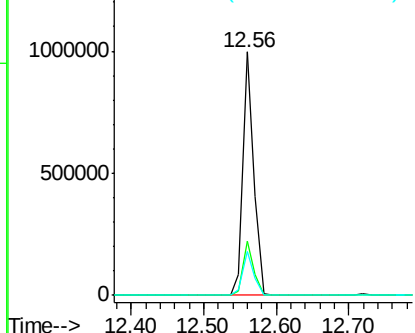
#77
Pvrene
Concen: 38.28 ng
RT: 12.56 min Scan# 960
Delta R.T. 0.00 min
Lab File: BF089957.D
Acq: 31 Aug 2016 18:24

Instrument :
BNA_F
ClientSampleId :
MSP-BPMMS

Tot Ion:202 Resp: 1036626
Ion Ratio Lower Upper
202 100
200 22.2 17.6 26.4
203 18.1 14.6 21.8

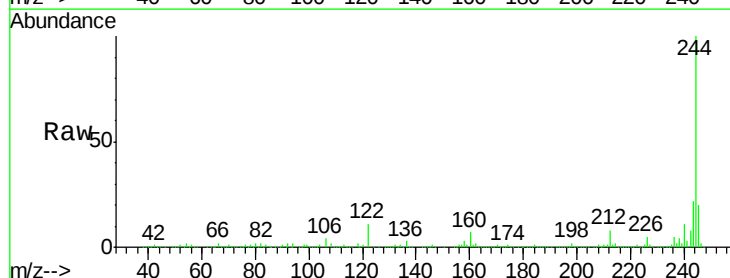


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

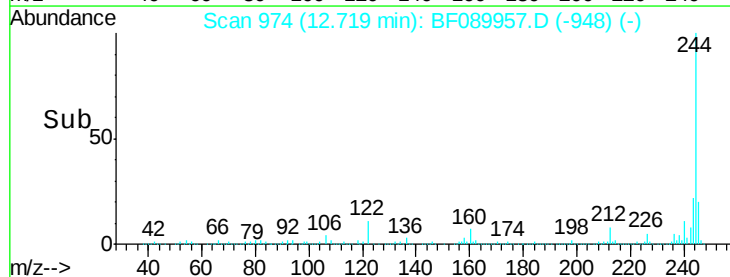
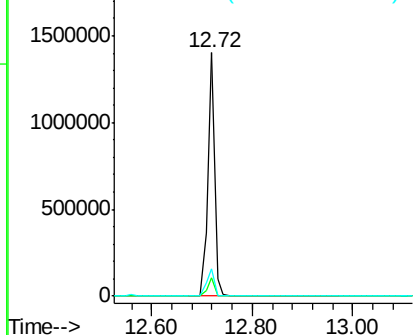


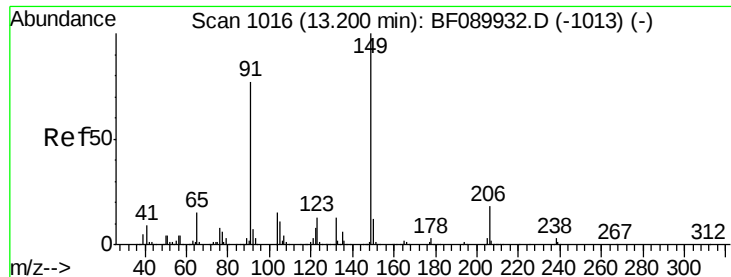
#78
Terphenyl-d14
Concen: 84.35 ng
RT: 12.72 min Scan# 974
Delta R.T. 0.00 min
Lab File: BF089957.D
Acq: 31 Aug 2016 18:24

Tgt Ion:244 Resp: 1311524
Ion Ratio Lower Upper
244 100
212 7.6 6.1 9.1
122 11.2 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

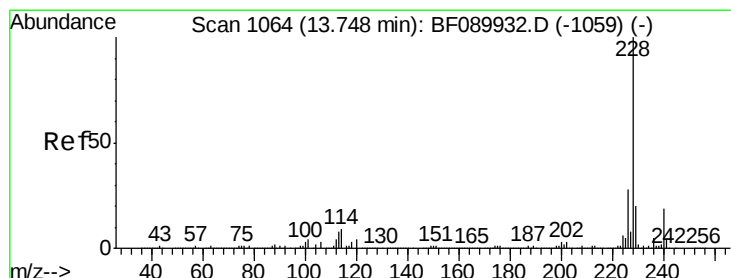
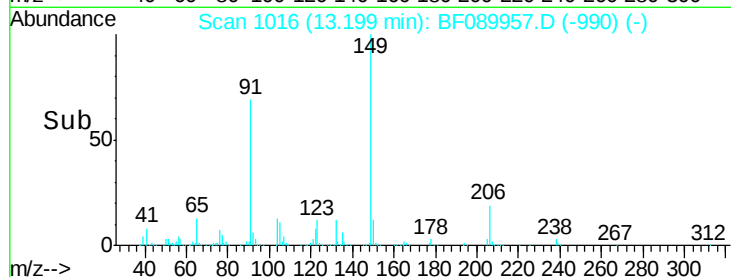
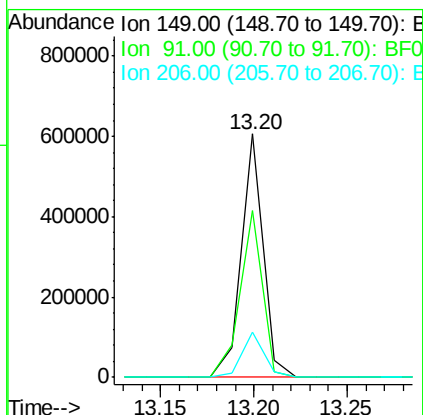
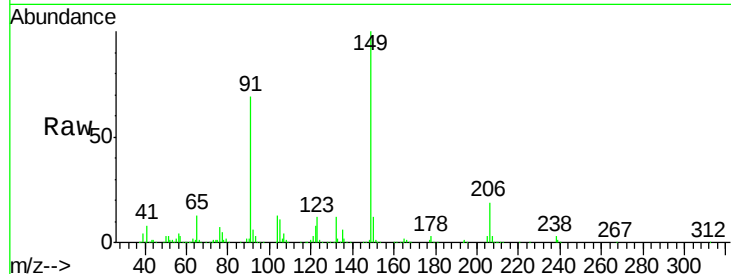




#79
Butylbenzylphthalate
Concen: 45.56 ng
RT: 13.20 min Scan# 1016
Delta R.T. 0.00 min
Lab File: BF089957.D
Acq: 31 Aug 2016 18:24

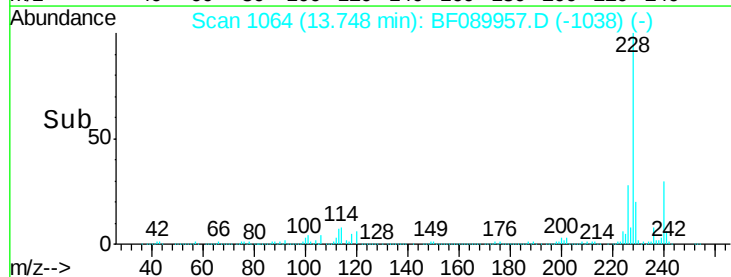
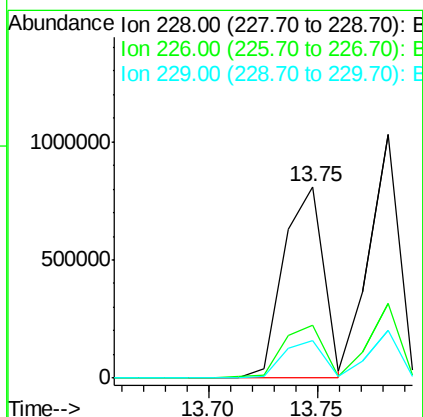
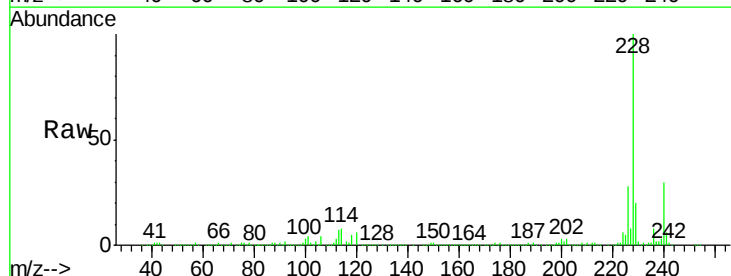
Instrument :
BNA_F
ClientSampleId :
MSP-BPMMS

Tot Ion	Ratio	Lower	Upper
149	100		
91	68.8	60.0	90.0
206	18.8	15.1	22.7



#80
Benzo(a)anthracene
Concen: 43.94 ng
RT: 13.75 min Scan# 1064
Delta R.T. 0.00 min
Lab File: BF089957.D
Acq: 31 Aug 2016 18:24

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.7	22.2	33.2
229	19.8	15.8	23.6

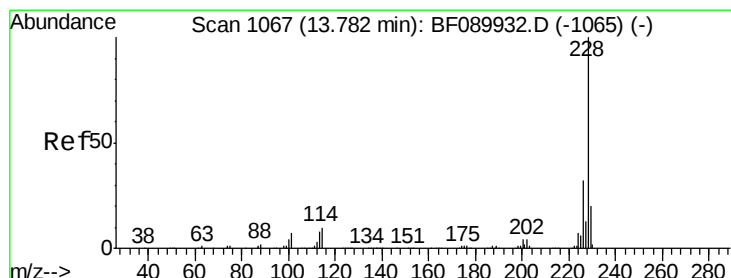
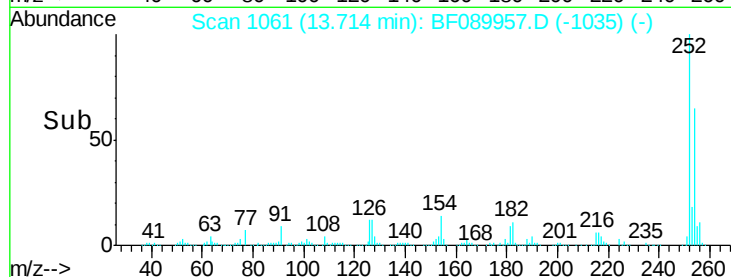
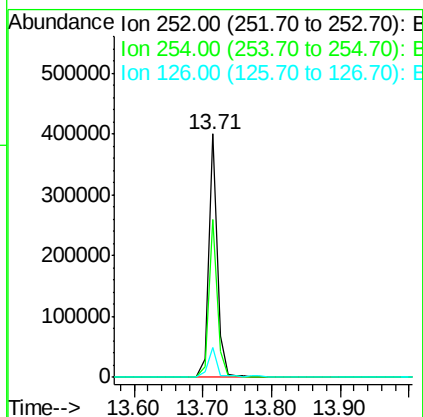
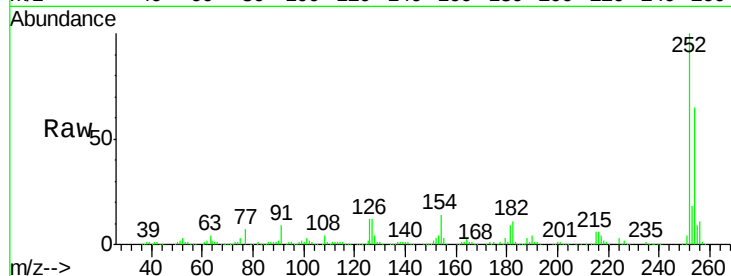




#81
 3,3'-Dichlorobenzidine
 Concen: 41.67 ng
 RT: 13.71 min Scan# 1061
 Delta R.T. 0.00 min
 Lab File: BF089957.D
 Acq: 31 Aug 2016 18:24

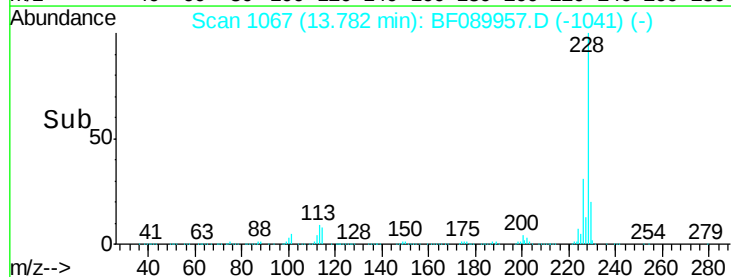
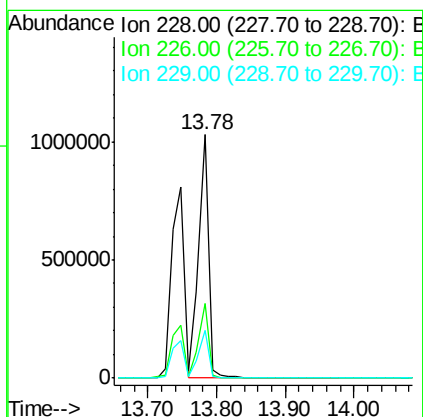
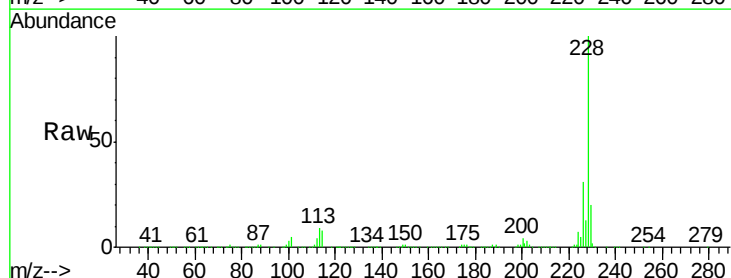
Instrument :
 BNA_F
 ClientSampleId :
 MSP-BPMMS

Tot Ion:252 Resp: 353810
 Ion Ratio Lower Upper
 252 100
 254 65.0 51.3 76.9
 126 12.2 12.3 18.5#



#82
 Chrysene
 Concen: 45.80 ng
 RT: 13.78 min Scan# 1067
 Delta R.T. 0.00 min
 Lab File: BF089957.D
 Acq: 31 Aug 2016 18:24

Tgt Ion:228 Resp: 1006453
 Ion Ratio Lower Upper
 228 100
 226 30.8 25.2 37.8
 229 19.8 16.2 24.2

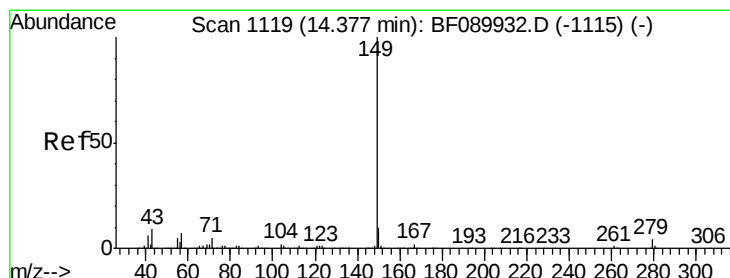
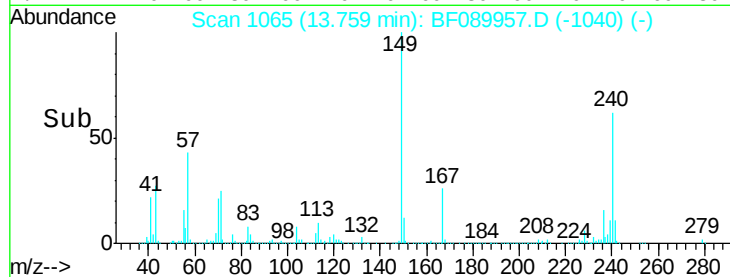
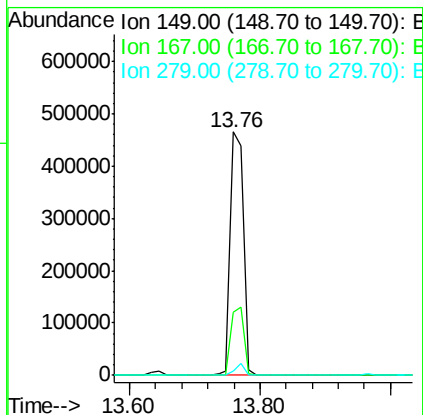
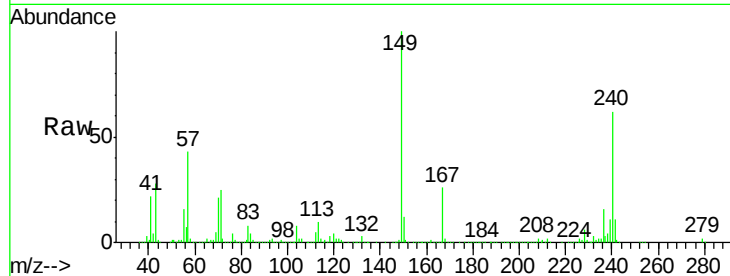




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 42.43 ng
 RT: 13.76 min Scan# 1065
 Delta R.T. -0.01 min
 Lab File: BF089957.D
 Acq: 31 Aug 2016 18:24

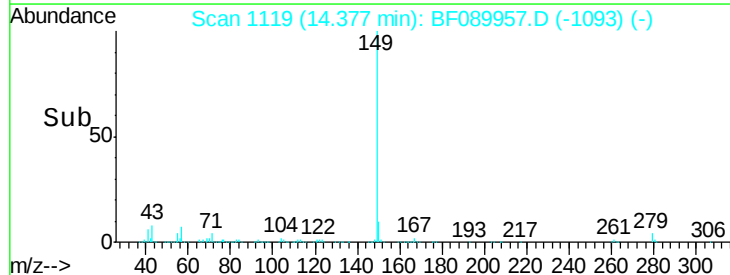
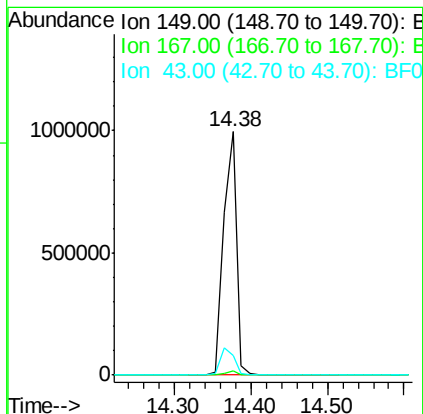
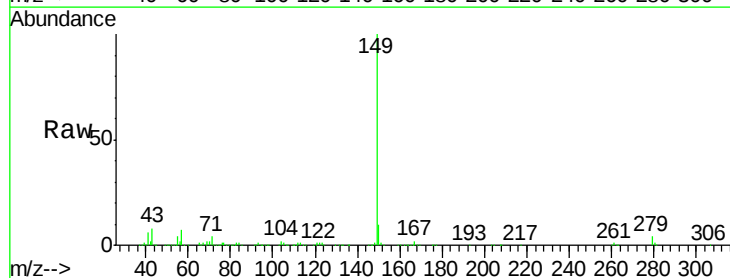
Instrument :
 BNA_F
 ClientSampleId :
 MSP-BPMMS

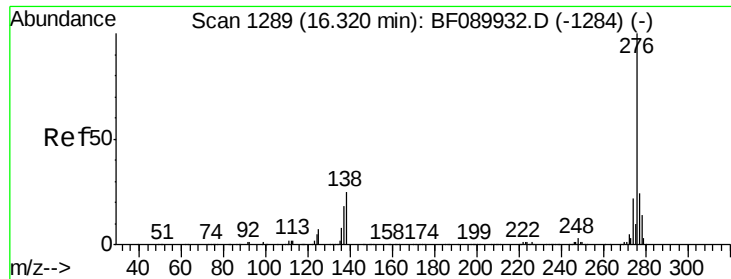
Tot Ion:149 Resp: 640909
 Ion Ratio Lower Upper
 149 100
 167 25.8 23.6 35.4
 279 1.7 3.4 5.2#



#84
 Di-n-octyl phthalate
 Concen: 48.74 ng
 RT: 14.38 min Scan# 1119
 Delta R.T. 0.00 min
 Lab File: BF089957.D
 Acq: 31 Aug 2016 18:24

Tgt Ion:149 Resp: 1188331
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.2 1.8
 43 11.6 9.3 13.9

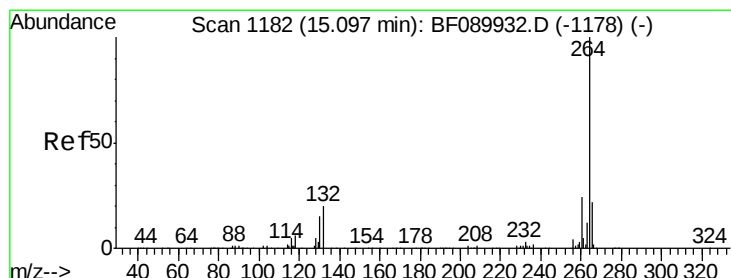
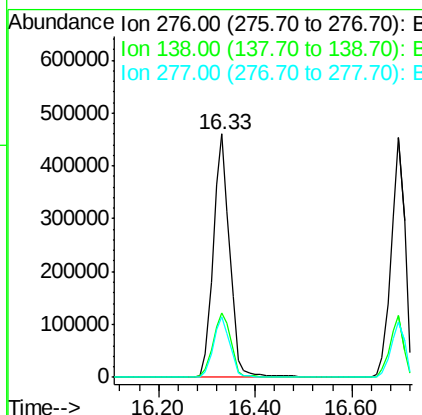
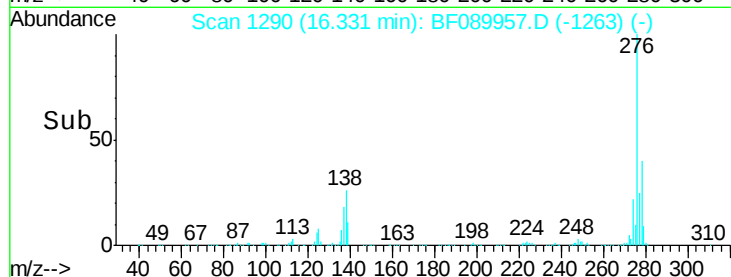
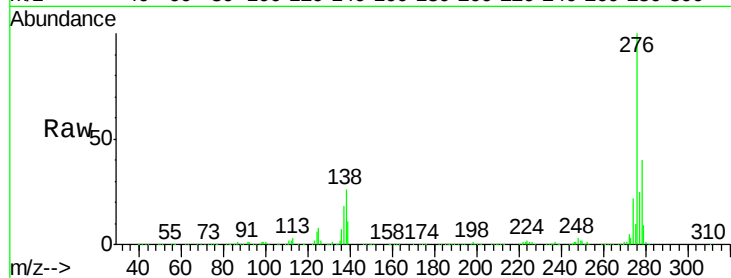




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 68.04 ng
 RT: 16.33 min Scan# 1290
 Delta R.T. 0.01 min
 Lab File: BF089957.D
 Acq: 31 Aug 2016 18:24

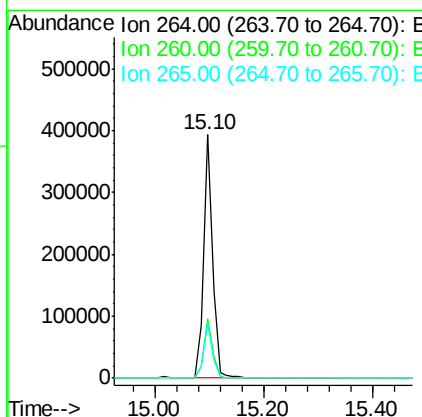
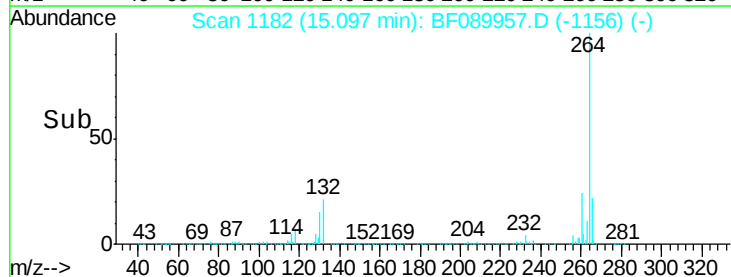
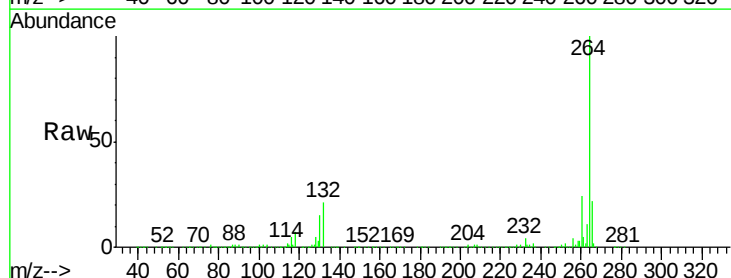
Instrument :
 BNA_F
 ClientSampleId :
 MSP-BPMMS

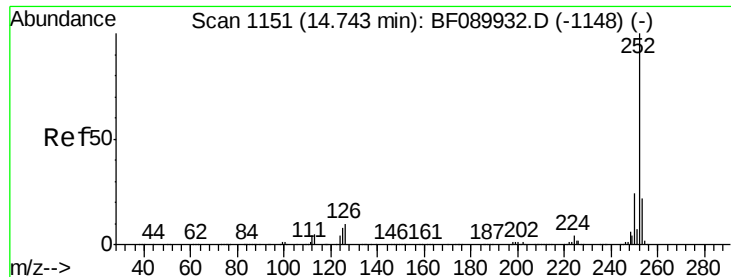
Tot Ion:276 Resp: 1105295
 Ion Ratio Lower Upper
 276 100
 138 28.9 22.6 34.0
 277 25.3 20.1 30.1



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.10 min Scan# 1182
 Delta R.T. 0.00 min
 Lab File: BF089957.D
 Acq: 31 Aug 2016 18:24

Tgt Ion:264 Resp: 443697
 Ion Ratio Lower Upper
 264 100
 260 24.5 19.4 29.0
 265 22.1 17.4 26.2





#87

Benzo(b)fluoranthene

Concen: 74.28 ng

RT: 14.77 min Scan# 1153

Delta R.T. 0.02 min

Lab File: BF089957.D

Acq: 31 Aug 2016 18:24

Instrument :

BNA_F

ClientSampleId :

MSP-BPMMS

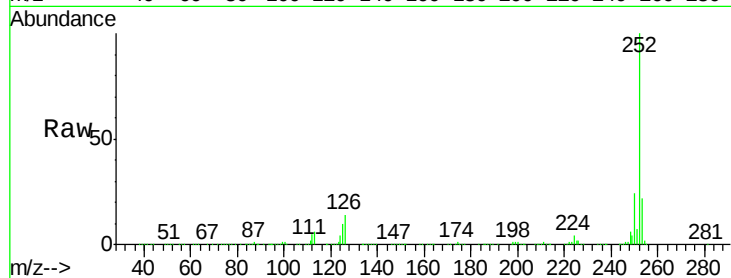
Tot Ion:252 Resp: 2064778

Ion Ratio Lower Upper

252 100

253 22.4 18.0 27.0

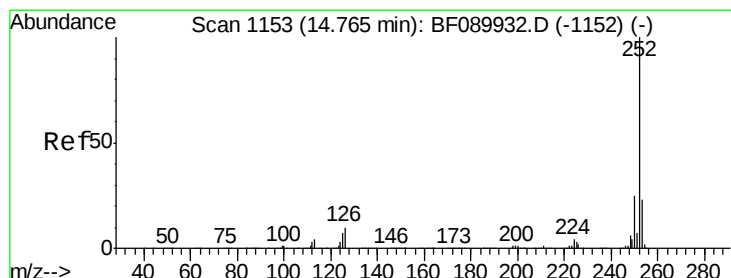
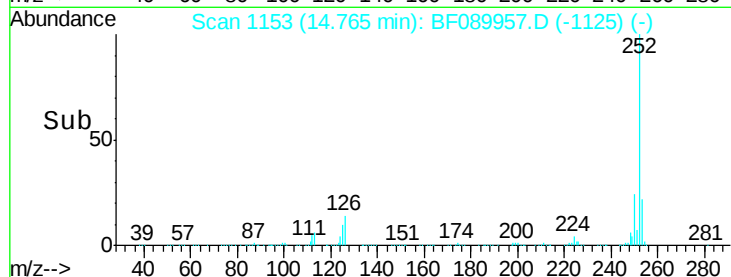
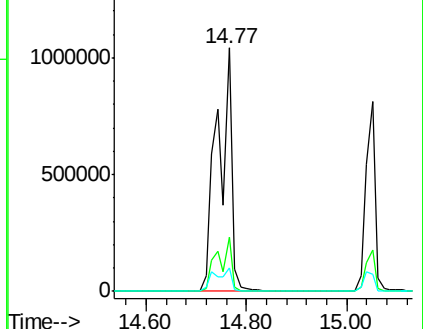
125 9.7 5.7 8.5#



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: 87.61 ng

RT: 14.77 min Scan# 1153

Delta R.T. 0.00 min

Lab File: BF089957.D

Acq: 31 Aug 2016 18:24

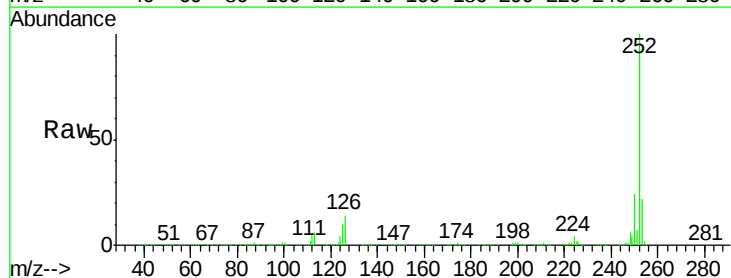
Tgt Ion:252 Resp: 2066344

Ion Ratio Lower Upper

252 100

253 22.4 17.8 26.8

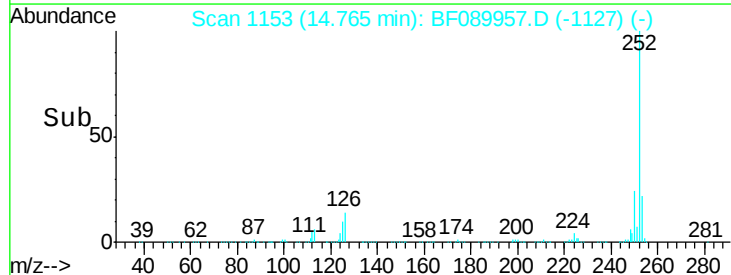
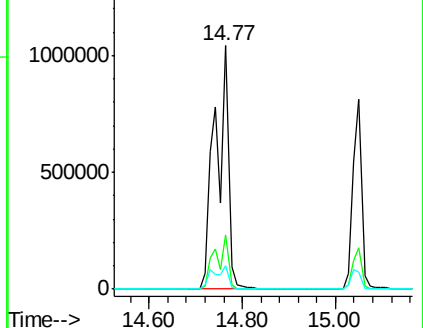
125 9.7 7.3 10.9



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

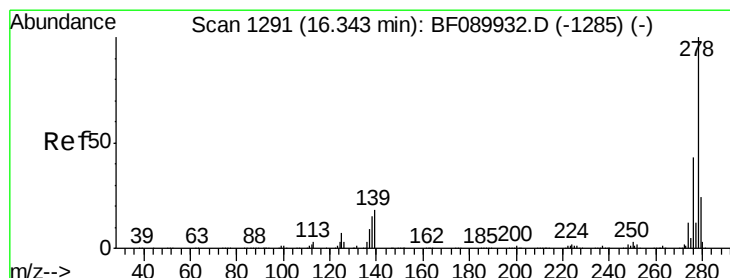
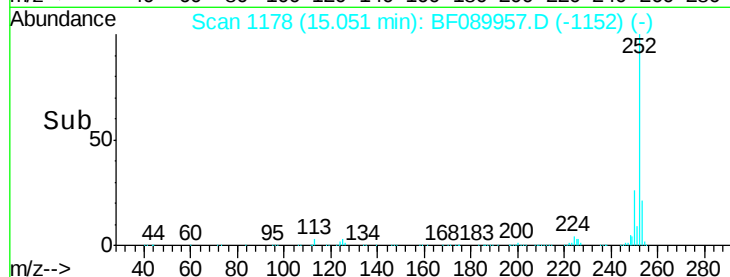
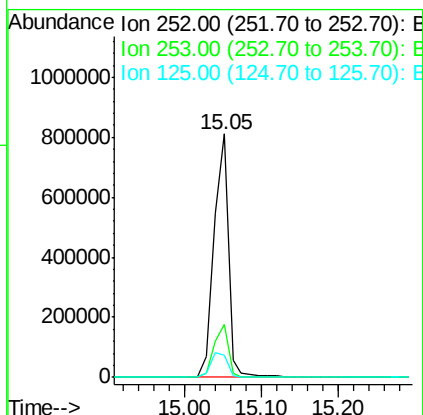
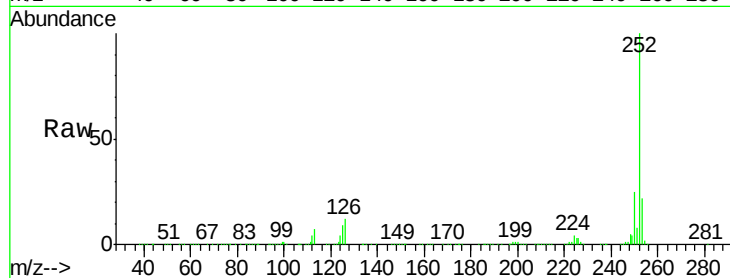




#89
Benzo(a)pyrene
Concen: 43.92 ng
RT: 15.05 min Scan# 1178
Delta R.T. 0.00 min
Lab File: BF089957.D
Acq: 31 Aug 2016 18:24

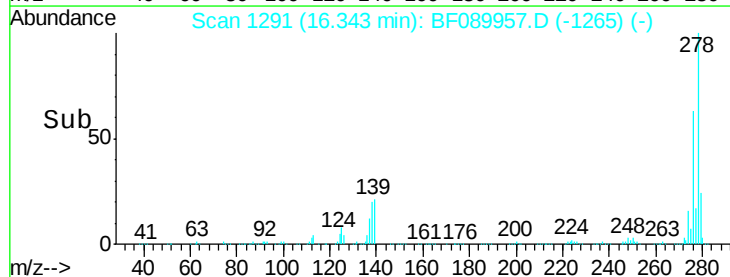
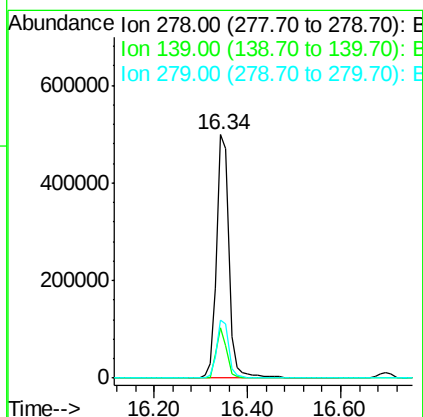
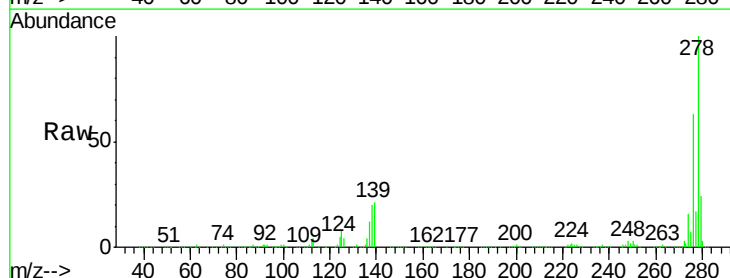
Instrument :
BNA_F
ClientSampleId :
MSP-BPMMS

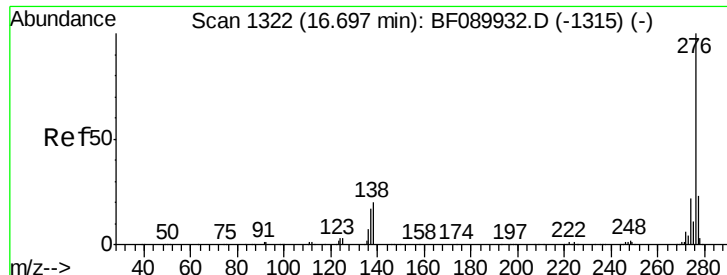
Tot Ion:252 Resp: 1045814
Ion Ratio Lower Upper
252 100
253 21.7 17.5 26.3
125 9.0 6.3 9.5



#90
Dibenzo(a,h)anthracene
Concen: 53.40 ng
RT: 16.34 min Scan# 1291
Delta R.T. 0.00 min
Lab File: BF089957.D
Acq: 31 Aug 2016 18:24

Tgt Ion:278 Resp: 931719
Ion Ratio Lower Upper
278 100
139 20.6 13.4 20.2#
279 23.8 19.4 29.2

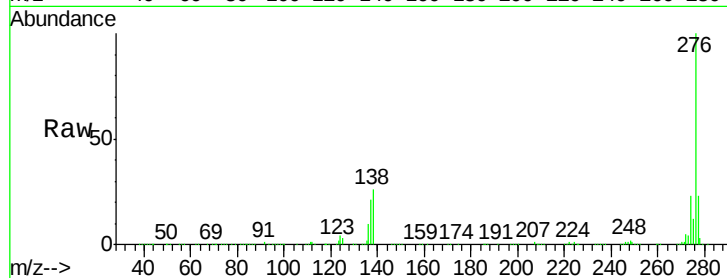




#91
 Benzo(a,h,i)perylene
 Concen: 51.50 ng
 RT: 16.70 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: BF089957.D
 Acq: 31 Aug 2016 18:24

Instrument :
 BNA_F
 ClientSampleId :
 MSP-BPMMS

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.3	19.0	28.4
138	26.0	16.4	24.6



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

