

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081916\
 Data File : BF089808.D
 Acq On : 19 Aug 2016 20:53
 Operator : UM/SJ
 Sample : H4367-20MS
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 I-3MS

Quant Time: Aug 22 01:19:53 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 19 14:02:57 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.68	152	555579	20.00	ng	0.00
21) Naphthalene-d8	7.98	136	2039067	20.00	ng	0.00
38) Acenaphthene-d10	9.71	164	826103	20.00	ng	0.00
63) Phenanthrene-d10	11.19	188	1269571	20.00	ng	0.00
75) Chrysene-d12	13.84	240	819465	20.00	ng	-0.03
86) Perylene-d12	15.26	264	969683	20.00	ng	-0.11

System Monitoring Compounds

5) 2-Fluorophenol	5.27	112	3194498	98.60	ng	0.01
7) Phenol-d6	6.33	99	4182353	105.17	ng	0.01
23) Nitrobenzene-d5	7.26	82	2631981	80.19	ng	0.00
41) 2,4,6-Tribromophenol	10.50	330	721891	91.95	ng	0.00
44) 2-Fluorobiphenyl	9.05	172	3861704	82.16	ng	0.00
78) Terphenyl-d14	12.79	244	2436911	67.28	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.20	88	485263	30.27	ng	96
3) Pyridine	2.84	79	1357117	32.27	ng	97
4) n-Nitrosodimethylamine	2.80	42	560434	35.80	ng	80
6) Aniline	6.34	93	1034655	19.40	ng	# 1
8) 2-Chlorophenol	6.47	128	1391902	35.93	ng	90
9) Benzaldehyde	6.22	77	397757	15.35	ng	99
10) Phenol	6.34	94	1875620	40.24	ng	86
11) bis(2-Chloroethyl)ether	6.43	93	1402082	38.79	ng	92
12) 1,3-Dichlorobenzene	6.86	146	1395089	34.45	ng	97
13) 1,4-Dichlorobenzene	6.63	146	1498050	35.98	ng	96
14) 1,2-Dichlorobenzene	6.86	146	1396412	35.93	ng	96
15) Benzyl Alcohol	6.83	79	1047497	39.72	ng	95
16) 2,2'-oxybis(1-Chloropropan	6.98	45	1611858	34.84	ng	90
17) 2-Methylphenol	6.95	107	1042231	34.35	ng	98
18) Hexachloroethane	7.20	117	516265	34.77	ng	# 88
19) n-Nitroso-di-n-propylamine	7.11	70	912021	35.86	ng	91
20) 3+4-Methylphenols	7.11	107	1309627	35.20	ng	# 64
22) Acetophenone	7.10	105	1631801	34.85	ng	# 90
24) Nitrobenzene	7.27	77	1216273	33.03	ng	98
25) Isophorone	7.52	82	2460811	37.17	ng	# 88
26) 2-Nitrophenol	7.59	139	633589	34.49	ng	# 86
27) 2,4-Dimethylphenol	7.63	122	1046939	31.62	ng	96
28) bis(2-Chloroethoxy)methane	7.74	93	1761310	43.00	ng	96
29) 2,4-Dichlorophenol	7.83	162	973273	35.03	ng	92
30) 1,2,4-Trichlorobenzene	7.92	180	1134242	36.91	ng	# 95
31) Naphthalene	7.99	128	3468807	36.40	ng	99
32) Benzoic acid	7.69	122	45512	1.76	ng	91
33) 4-Chloroaniline	8.04	127	632827	15.32	ng	# 94
34) Hexachlorobutadiene	8.12	225	571185	35.49	ng	96
35) Caprolactam	8.40	113	272062	32.15	ng	88
36) 4-Chloro-3-methylphenol	8.54	107	1111506	36.94	ng	95
37) 2-Methylnaphthalene	8.68	142	2462078	39.93	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.84	216	806095	30.13	ng	97
40) Hexachlorocyclopentadiene	8.84	237	407456	43.87	ng	99

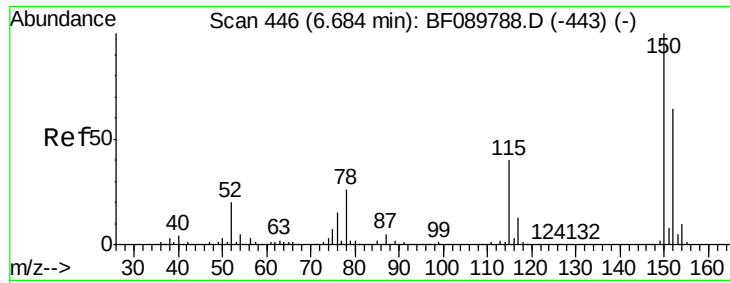
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081916\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.96	196	642505	38.18	ng	99
43) 2,4,5-Trichlorophenol	9.00	196	626802	37.45	ng	# 91
45) 1,1'-Biphenyl	9.15	154	2331476	36.47	ng	93
46) 2-Chloronaphthalene	9.16	162	1978899	39.16	ng	99
47) 2-Nitroaniline	9.26	65	637500	44.23	ng	94
48) Acenaphthylene	9.58	152	2922225	38.48	ng	99
49) Dimethylphthalate	9.46	163	3679630	63.26	ng	# 98
50) 2,6-Dinitrotoluene	9.51	165	494168	36.80	ng	91
51) Acenaphthene	9.75	154	1798311	35.78	ng	99
52) 3-Nitroaniline	9.67	138	432912	29.10	ng	99
53) 2,4-Dinitrophenol	9.77	184	35195	9.02	ng	94
54) Dibenzofuran	9.92	168	2568414	40.69	ng	98
55) 4-Nitrophenol	9.84	139	832383	68.54	ng	83
56) 2,4-Dinitrotoluene	9.91	165	764043	43.85	ng	96
57) Fluorene	10.26	166	1855743	36.89	ng	98
58) 2,3,4,6-Tetrachlorophenol	10.04	232	435087	35.71	ng	94
59) Diethylphthalate	10.16	149	2347821	39.73	ng	95
60) 4-Chlorophenyl-phenylether	10.26	204	858157	37.40	ng	99
61) 4-Nitroaniline	10.27	138	512093	36.71	ng	97
62) Azobenzene	10.42	77	2339371	42.11	ng	96
64) 4,6-Dinitro-2-methylphenol	10.31	198	46930	6.43	ng	86
65) n-Nitrosodiphenylamine	10.38	169	1745823	43.73	ng	100
66) 4-Bromophenyl-phenylether	10.75	248	557992	41.92	ng	# 94
67) Hexachlorobenzene	10.81	284	612767	40.35	ng	# 95
68) Atrazine	10.91	200	548571	44.87	ng	96
69) Pentachlorophenol	11.00	266	596802	69.34	ng	96
70) Phenanthrene	11.22	178	2698480	42.08	ng	99
71) Anthracene	11.27	178	2555438	39.20	ng	99
72) Carbazole	11.43	167	2518101	43.07	ng	96
73) Di-n-butylphthalate	11.77	149	2805005	38.35	ng	99
74) Fluoranthene	12.40	202	2293984	37.61	ng	98
76) Benzidine	12.53	184	605862	22.85	ng	100
77) Pyrene	12.63	202	2396652	35.92	ng	99
79) Butylbenzylphthalate	13.27	149	1012913	33.61	ng	96
80) Benzo(a)anthracene	13.83	228	1764591	37.60	ng	100
81) 3,3'-Dichlorobenzidine	13.79	252	509933	33.14	ng	97
82) Chrysene	13.86	228	1636414	40.67	ng	99
83) Bis(2-ethylhexyl)phthalate	13.85	149	1388055	33.43	ng	97
84) Di-n-octyl phthalate	14.49	149	2271912	41.18	ng	100
85) Indeno(1,2,3-cd)pyrene	16.56	276	2731081	53.21	ng	99
87) Benzo(b)fluoranthene	14.88	252	3637729	68.19	ng	# 91
88) Benzo(k)fluoranthene	14.88	252	3637729	75.16	ng	# 90
89) Benzo(a)pyrene	15.21	252	1966667	38.95	ng	# 96
90) Dibenzo(a,h)anthracene	16.57	278	2266227	41.35	ng	# 95
91) Benzo(g,h,i)perylene	16.94	276	2370991	41.08	ng	97

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.68 min Scan# 446

Delta R.T. -0.00 min

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Acq: 19 Aug 2016 20:53

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ClientSampleId :

I-3MS

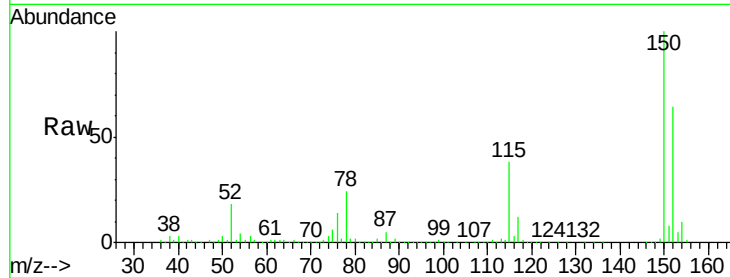
Tgt Ion:152 Resp: 555579

Ion Ratio Lower Upper

152 100

150 155.5 125.3 187.9

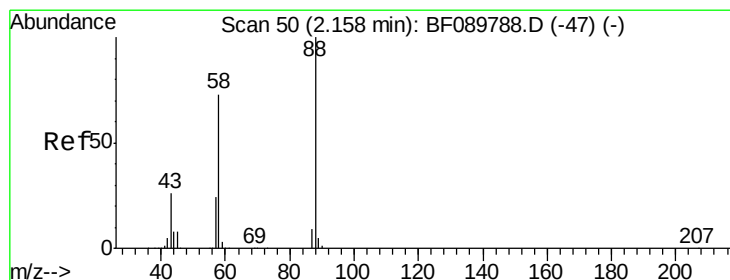
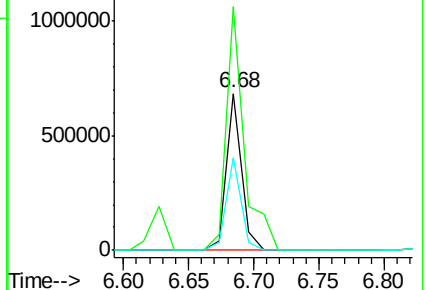
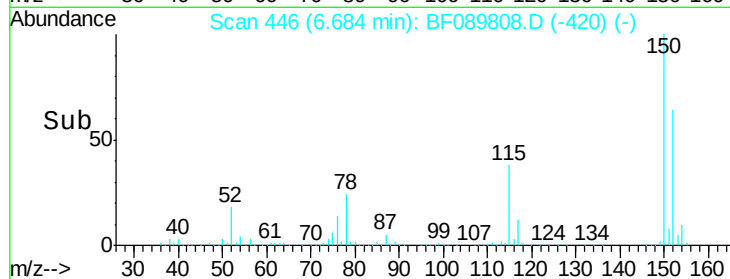
115 59.4 40.9 61.3



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 30.27 ng

RT: 2.20 min Scan# 54

Delta R.T. 0.05 min

Lab File: BF089808.D

Acq: 19 Aug 2016 20:53

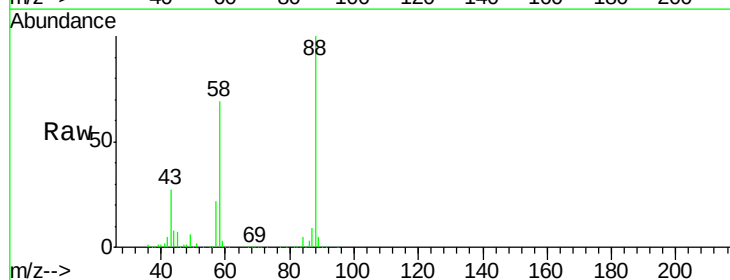
Tgt Ion: 88 Resp: 485263

Ion Ratio Lower Upper

88 100

58 68.1 57.0 85.4

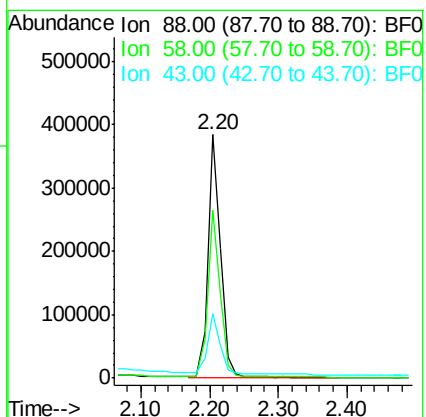
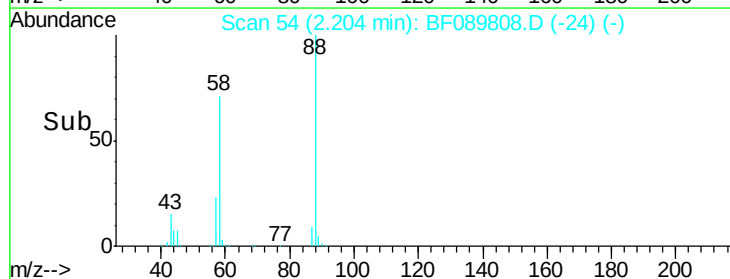
43 25.8 21.8 32.8

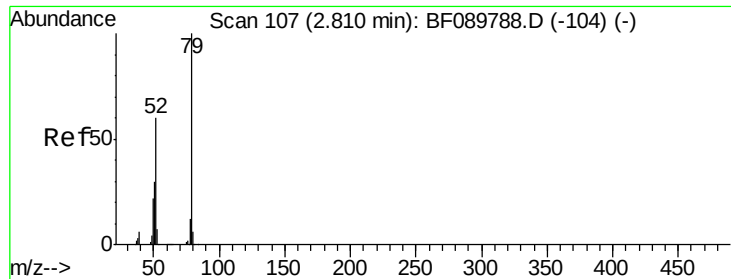


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 32.27 ng

RT: 2.84 min Scan# 110

Delta R.T. 0.03 min

Lab File: BF089808.D

Acq: 19 Aug 2016 20:53

Instrument :

BNA_F

ClientSampleId :

I-3MS

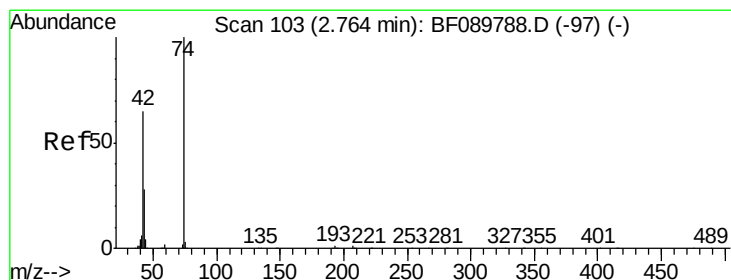
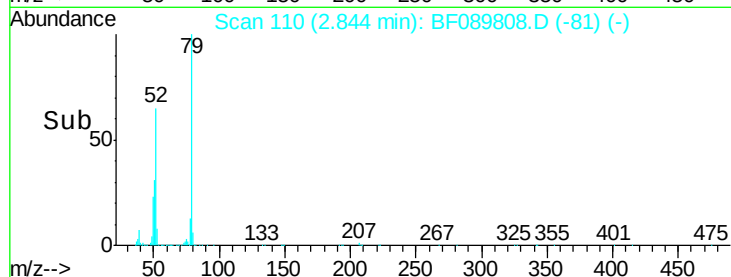
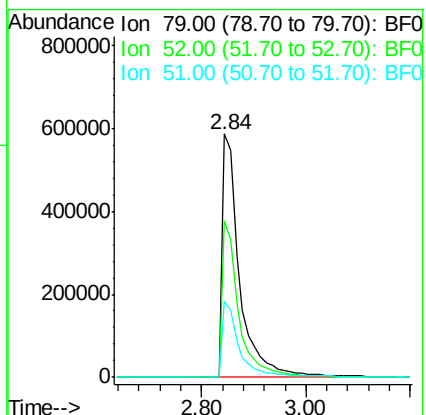
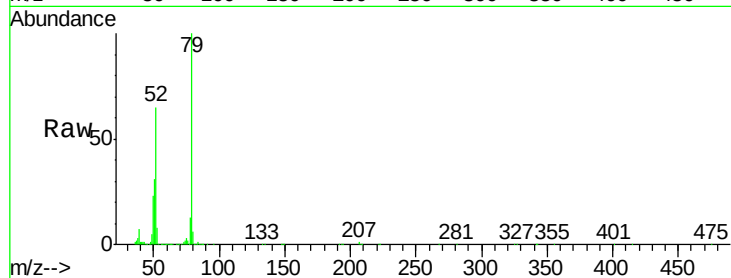
Tgt Ion: 79 Resp: 1357117

Ion Ratio Lower Upper

79 100

52 64.5 53.6 80.4

51 30.9 26.6 39.8



#4

n-Nitrosodimethylamine

Concen: 35.80 ng

RT: 2.80 min Scan# 106

Delta R.T. 0.03 min

Lab File: BF089808.D

Acq: 19 Aug 2016 20:53

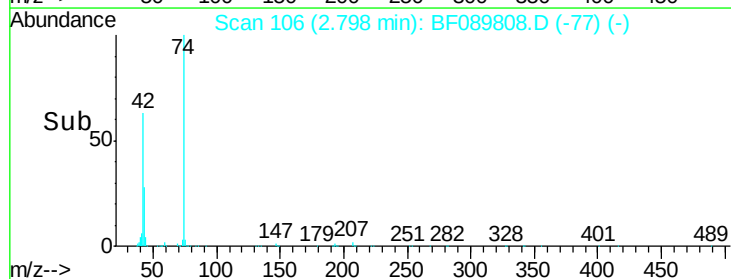
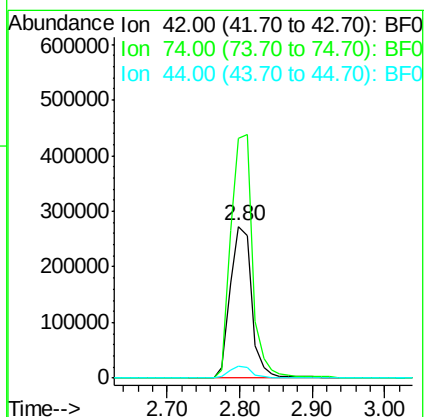
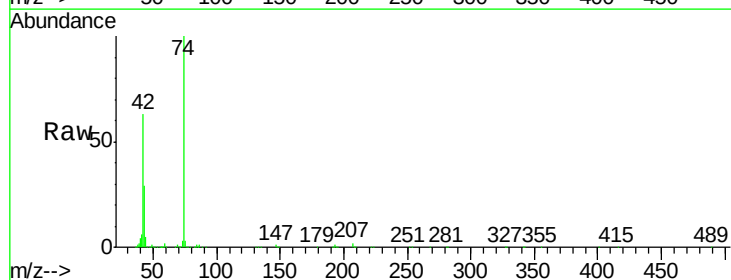
Tgt Ion: 42 Resp: 560434

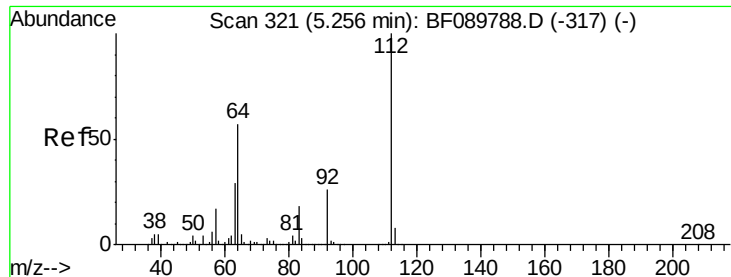
Ion Ratio Lower Upper

42 100

74 157.9 106.2 159.2

44 7.5 6.9 10.3





#5

2-Fluorophenol

Concen: 98.60 ng

RT: 5.27 min Scan# 322

Delta R.T. 0.01 min

Lab File: BF089808.D

Acq: 19 Aug 2016 20:53

Instrument :

BNA_F

ClientSampleId :

I-3MS

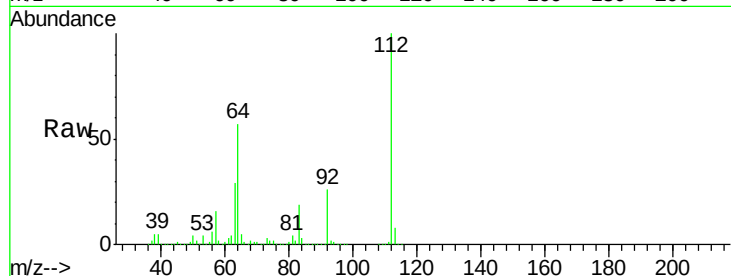
Tgt Ion:112 Resp: 3194498

Ion Ratio Lower Upper

112 100

64 57.1 45.0 67.4

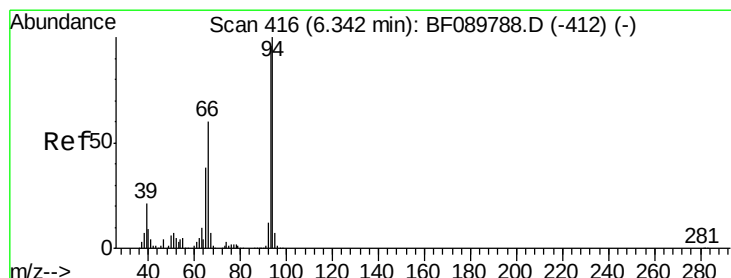
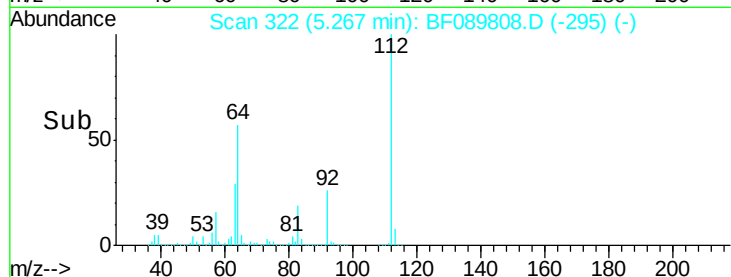
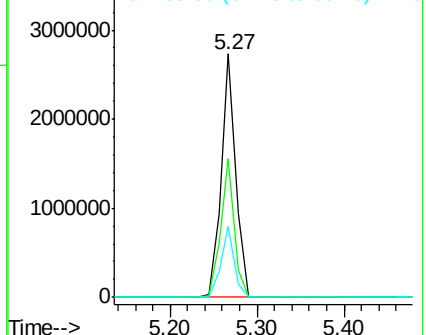
63 28.9 23.1 34.7



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 19.40 ng

RT: 6.34 min Scan# 416

Delta R.T. -0.00 min

Lab File: BF089808.D

Acq: 19 Aug 2016 20:53

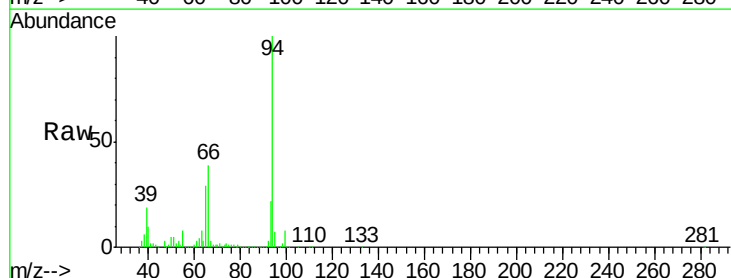
Tgt Ion: 93 Resp: 1034655

Ion Ratio Lower Upper

93 100

66 182.2 30.6 46.0#

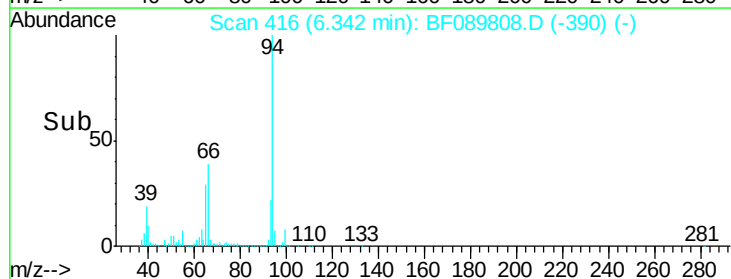
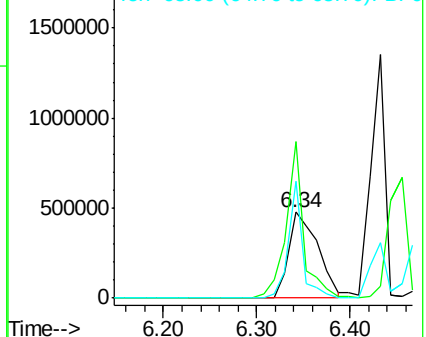
65 135.7 15.4 23.2#

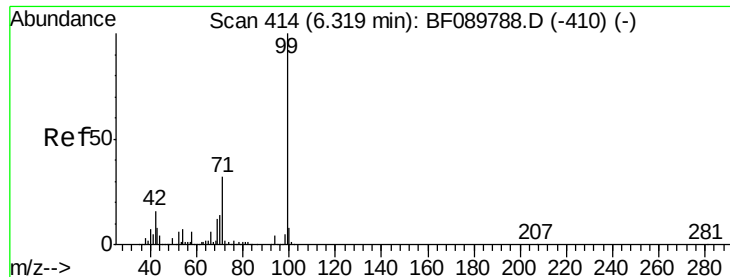


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 105.17 ng

RT: 6.33 min Scan# 415

Delta R.T. 0.01 min

Lab File: BF089808.D

Acq: 19 Aug 2016 20:53

Instrument :

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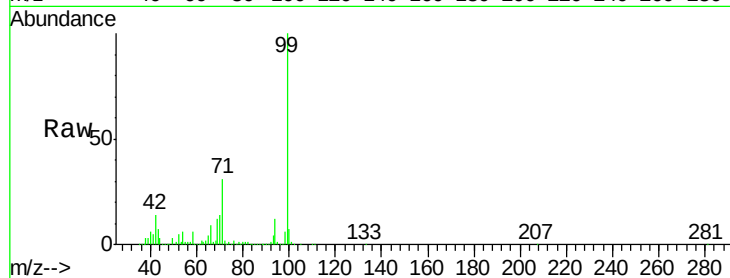
Tgt Ion: 99 Resp: 4182353

Ion Ratio Lower Upper

99 100

42 14.0 12.2 18.4

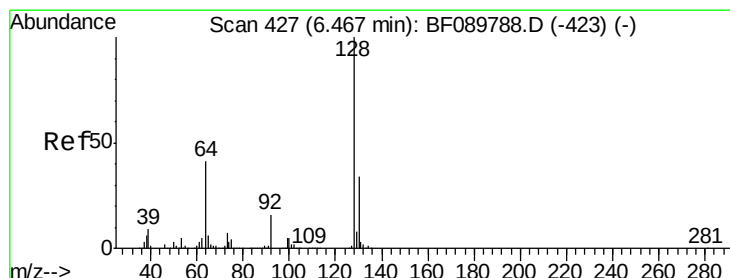
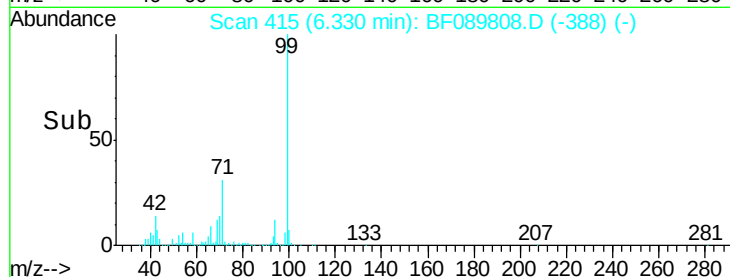
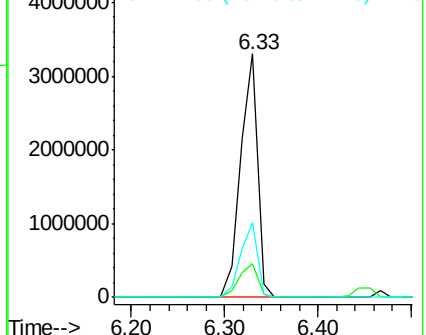
71 30.6 23.8 35.8



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: 35.93 ng

RT: 6.47 min Scan# 427

Delta R.T. -0.00 min

Lab File: BF089808.D

Acq: 19 Aug 2016 20:53

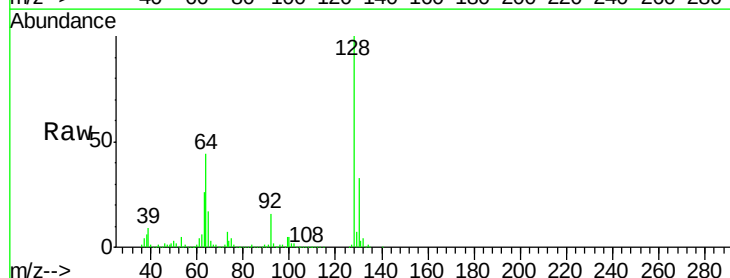
Tgt Ion: 128 Resp: 1391902

Ion Ratio Lower Upper

128 100

130 33.2 12.0 52.0

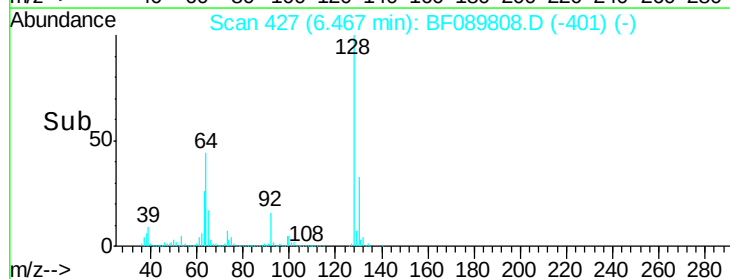
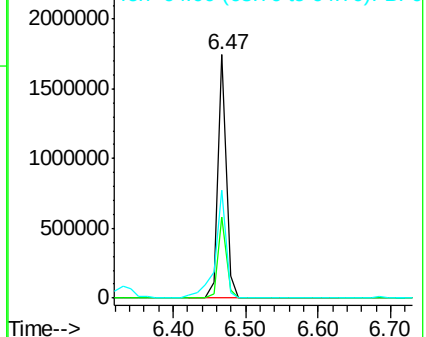
64 44.1 35.1 75.1

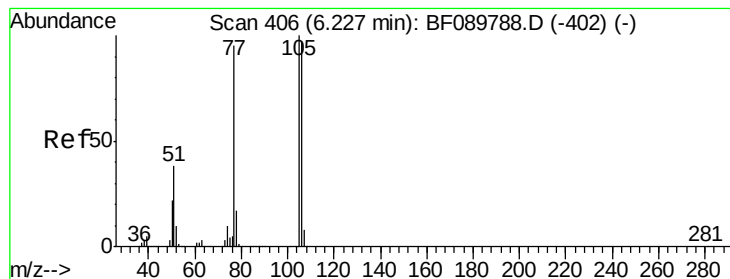


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 15.35 ng

RT: 6.22 min Scan# 405

Delta R.T. -0.01 min

Lab File: BF089808.D

Acq: 19 Aug 2016 20:53

Instrument :

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ClientSampleId :

I-3MS

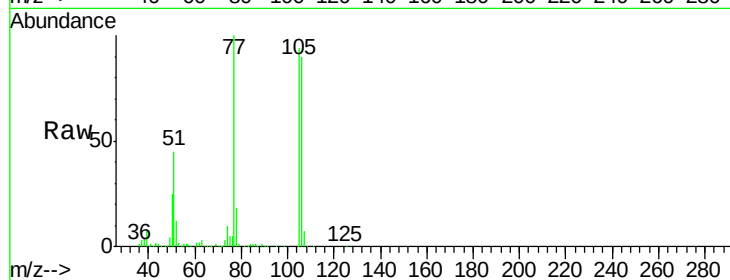
Tgt Ion: 77 Resp: 397757

Ion Ratio Lower Upper

77 100

105 93.6 73.3 113.3

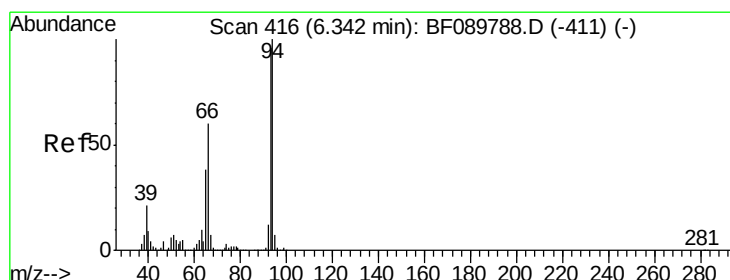
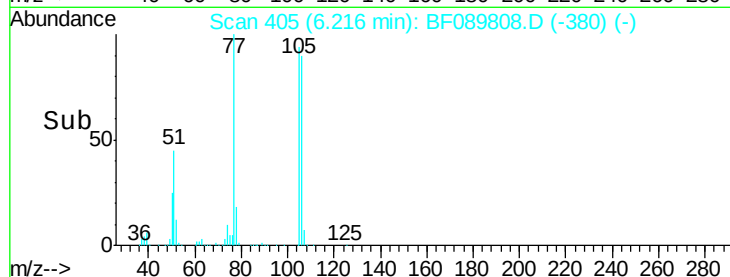
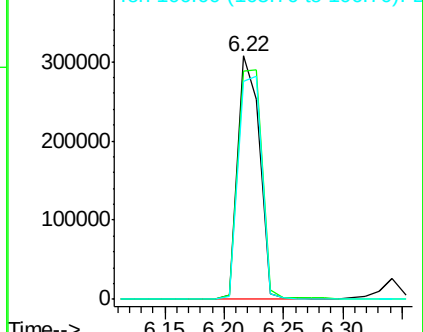
106 89.7 68.6 108.6



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: 40.24 ng

RT: 6.34 min Scan# 416

Delta R.T. -0.00 min

Lab File: BF089808.D

Acq: 19 Aug 2016 20:53

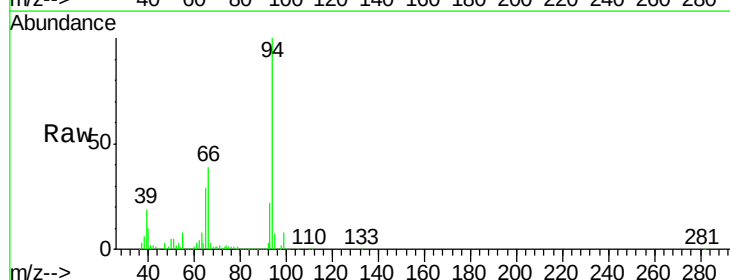
Tgt Ion: 94 Resp: 1875620

Ion Ratio Lower Upper

94 100

65 29.3 14.0 54.0

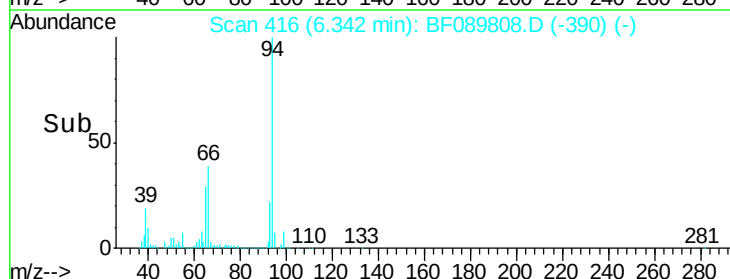
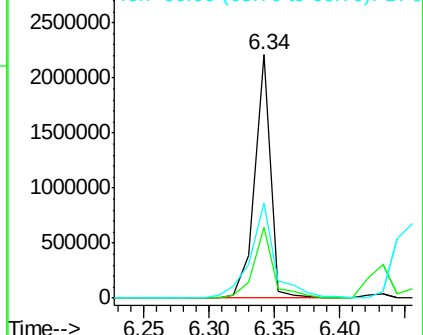
66 39.3 31.2 71.2

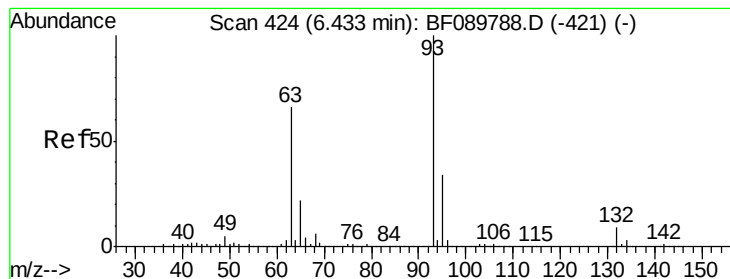


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 38.79 ng

RT: 6.43 min Scan# 424

Delta R.T. -0.00 min

Lab File: BF089808.D

Acq: 19 Aug 2016 20:53

Instrument :

BNA_F

ClientSampleId :

I-3MS

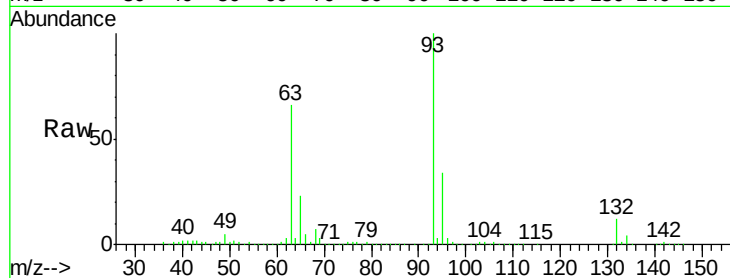
Tgt Ion: 93 Resp: 1402082

Ion Ratio Lower Upper

93 100

63 66.3 55.8 95.8

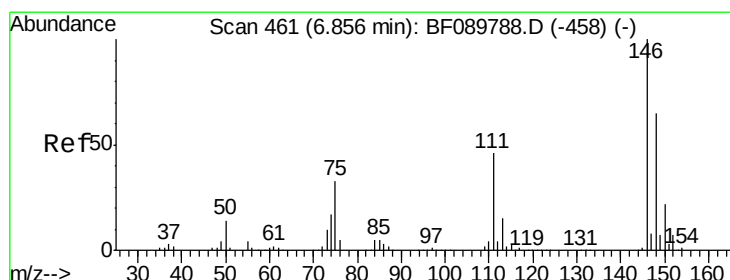
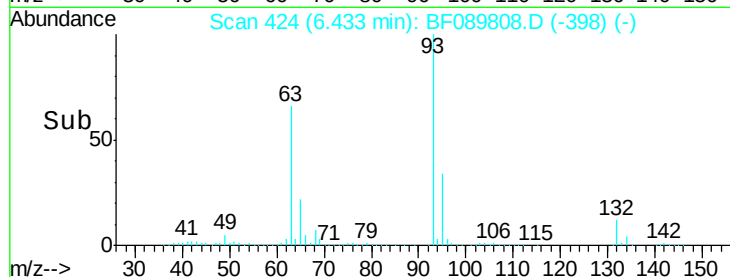
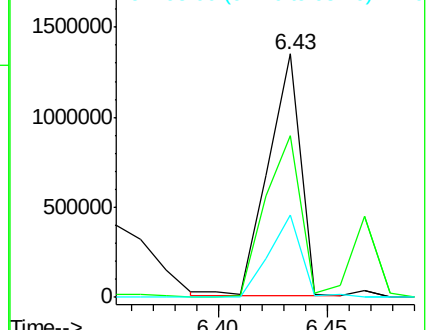
95 34.0 13.0 53.0



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: 34.45 ng

RT: 6.86 min Scan# 461

Delta R.T. 0.23 min

Lab File: BF089808.D

Acq: 19 Aug 2016 20:53

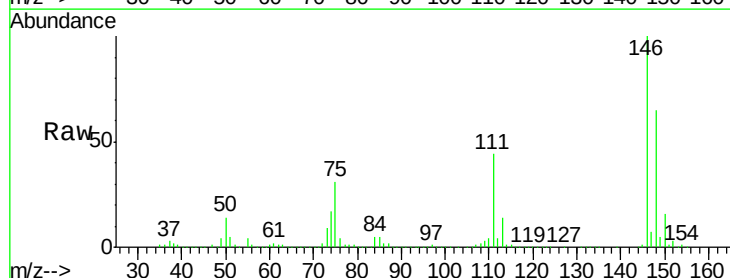
Tgt Ion: 146 Resp: 1395089

Ion Ratio Lower Upper

146 100

148 65.3 51.0 76.4

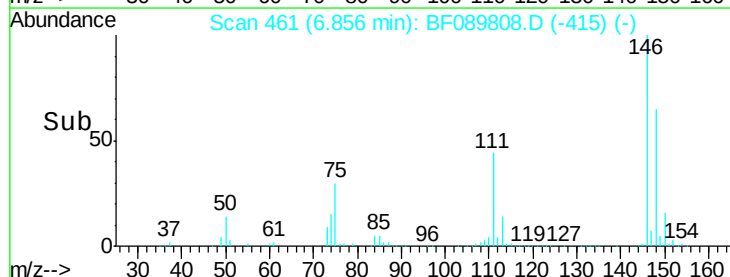
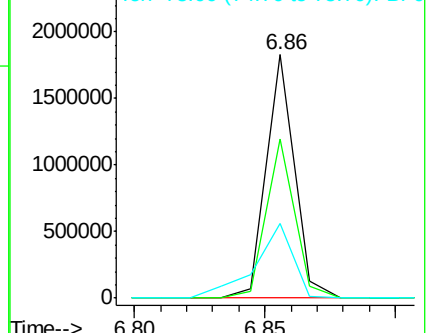
75 30.5 27.0 40.6

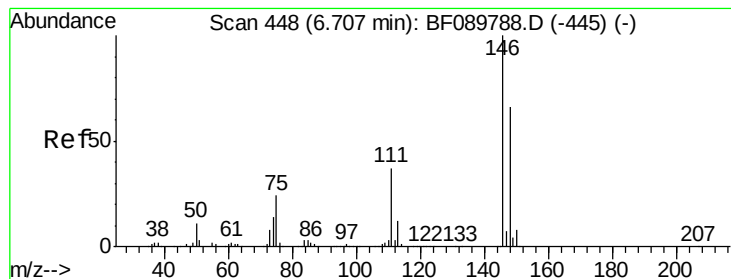


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0





#13

1,4-Dichlorobenzene

Concen: 35.98 ng

RT: 6.63 min Scan# 441

Delta R.T. -0.08 min

Lab File: BF089808.D

Acq: 19 Aug 2016 20:53

Instrument :

BNA_F

ClientSampled :

I-3MS

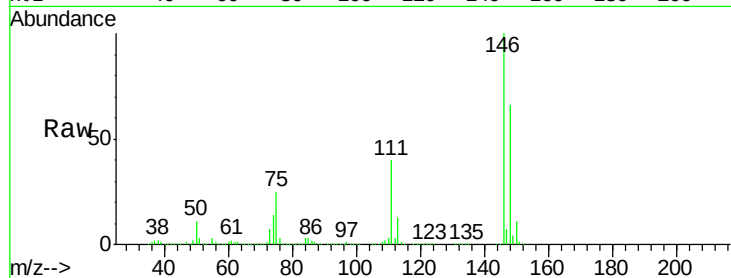
Tgt Ion:146 Resp: 1498050

Ion Ratio Lower Upper

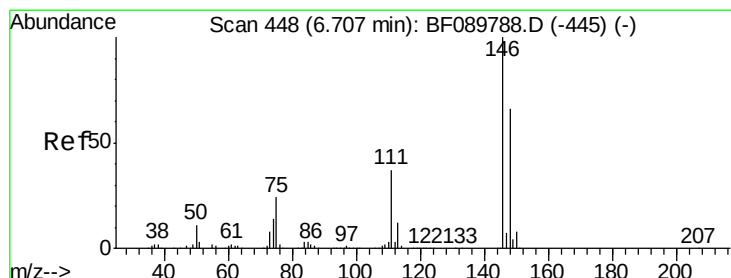
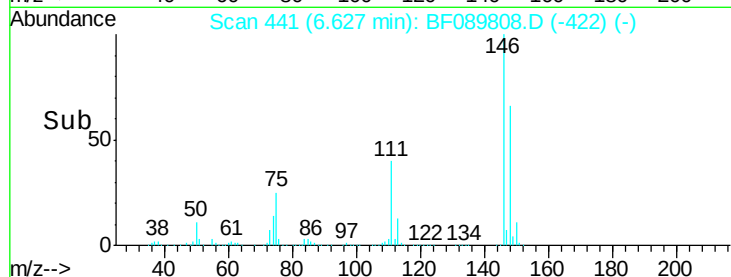
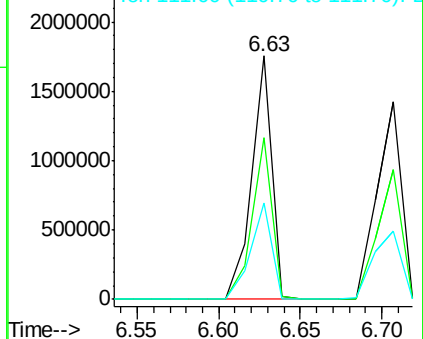
146 100

148 66.3 51.0 76.6

111 39.6 34.6 52.0



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



#14

1,2-Dichlorobenzene

Concen: 35.93 ng

RT: 6.86 min Scan# 461

Delta R.T. -0.00 min

Lab File: BF089808.D

Acq: 19 Aug 2016 20:53

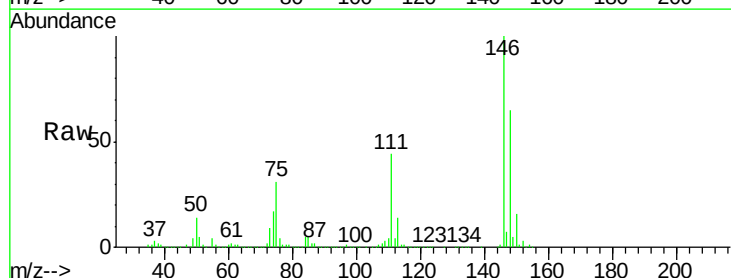
Tgt Ion:146 Resp: 1396412

Ion Ratio Lower Upper

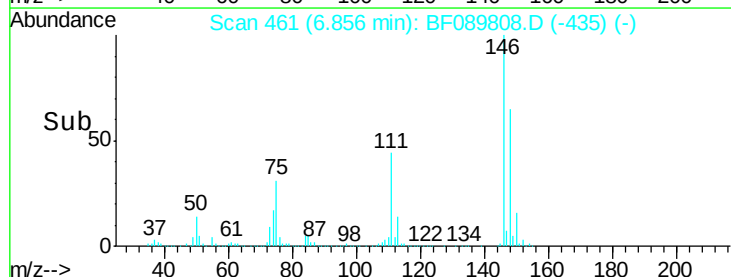
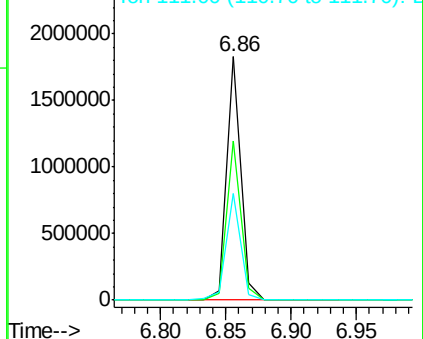
146 100

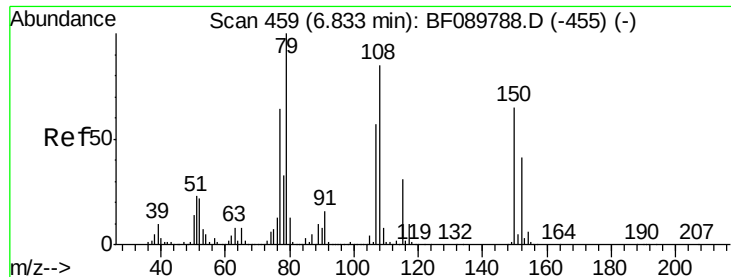
148 65.3 52.2 78.2

111 44.0 29.8 44.6



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





#15

Benzyl Alcohol

Concen: 39.72 ng

RT: 6.83 min Scan# 459

Delta R.T. -0.00 min

Lab File: BF089808.D

Acq: 19 Aug 2016 20:53

Instrument :

BNA_F

ClientSampleId :

I-3MS

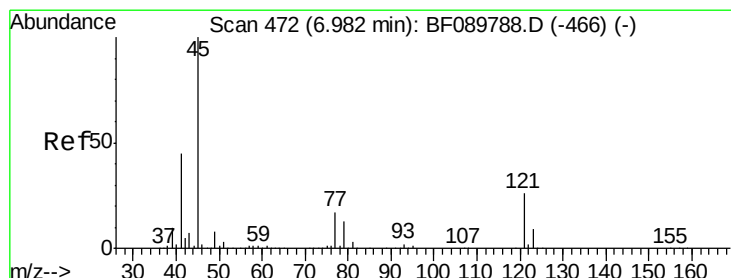
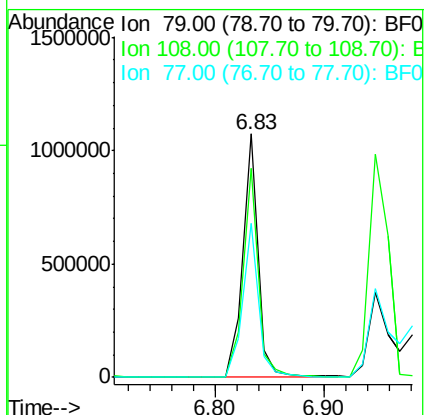
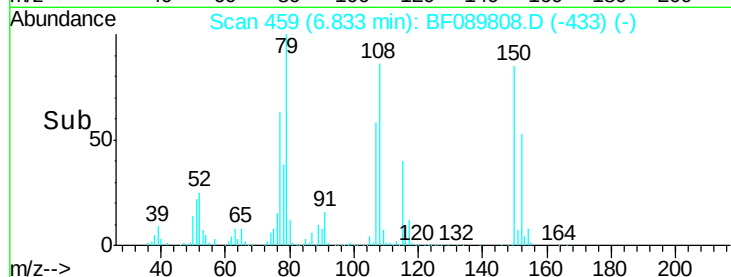
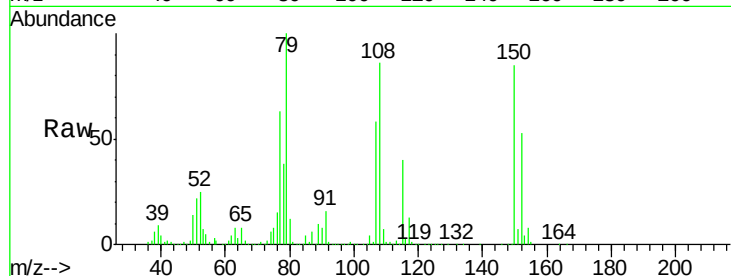
Tgt Ion: 79 Resp: 1047497

Ion Ratio Lower Upper

79 100

108 85.7 62.5 93.7

77 63.3 51.5 77.3



#16

2,2'-oxybis(1-Chloropropane)

Concen: 34.84 ng

RT: 6.98 min Scan# 472

Delta R.T. -0.00 min

Lab File: BF089808.D

Acq: 19 Aug 2016 20:53

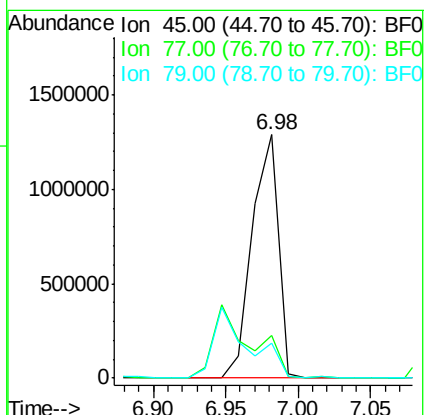
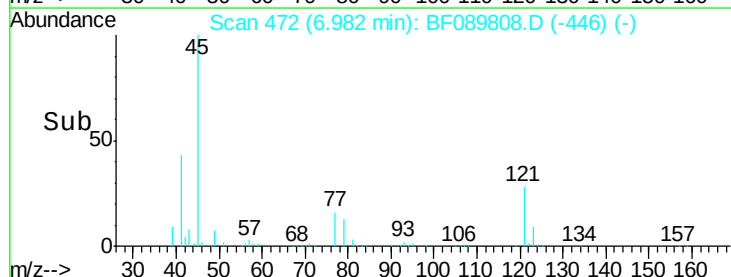
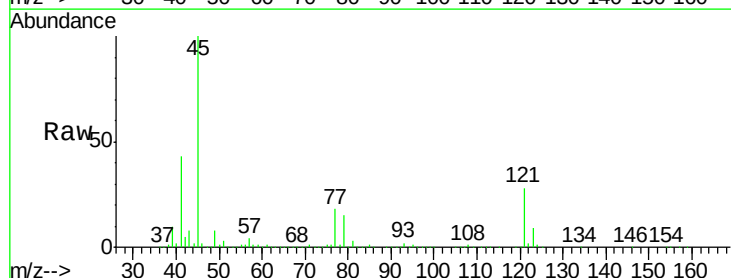
Tgt Ion: 45 Resp: 1611858

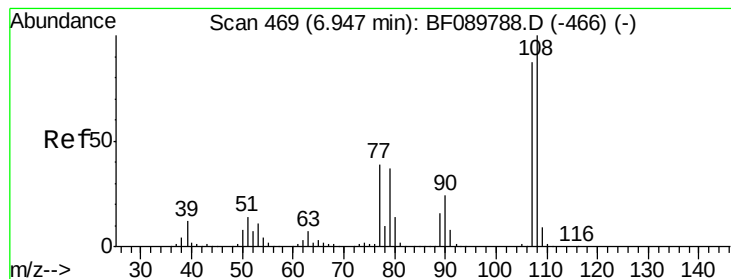
Ion Ratio Lower Upper

45 100

77 17.6 0.0 33.5

79 14.6 0.0 30.7





#17

2-Methylphenol

Concen: 34.35 ng

RT: 6.95 min Scan# 469

Delta R.T. -0.00 min

Lab File: BF089808.D

Acq: 19 Aug 2016 20:53

Instrument :

BNA_F

ClientSampleId :

I-3MS

Tgt Ion:107 Resp: 1042231

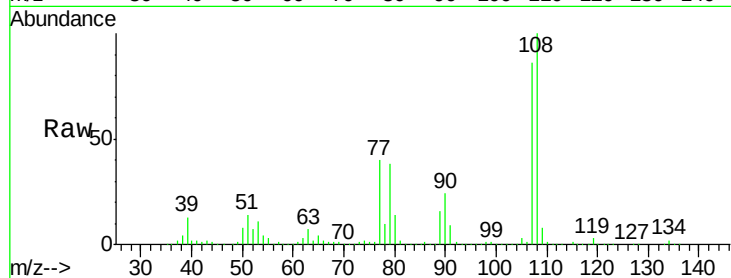
Ion Ratio Lower Upper

107 100

108 115.7 91.0 136.4

77 45.8 37.4 56.0

79 43.7 36.6 55.0

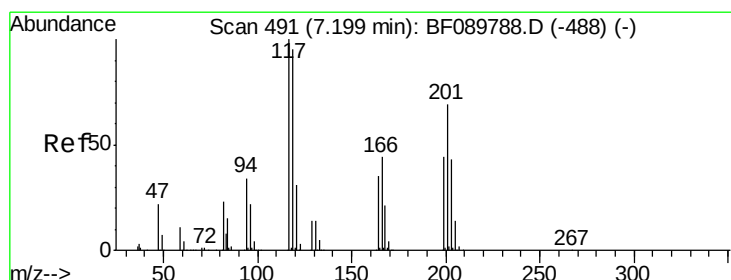
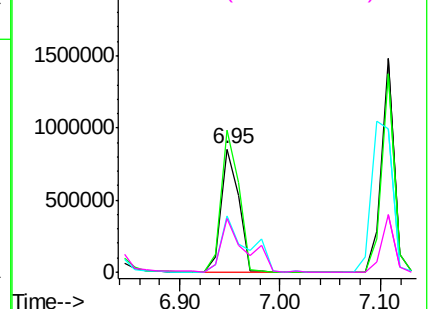
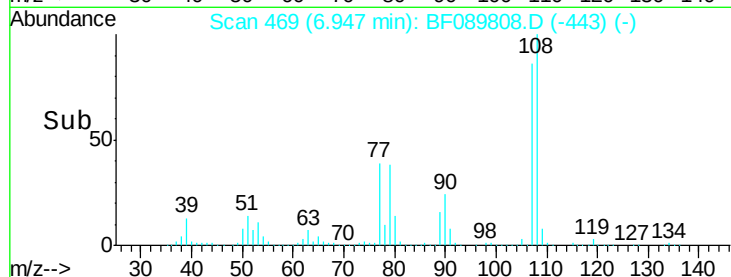


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 34.77 ng

RT: 7.20 min Scan# 491

Delta R.T. -0.00 min

Lab File: BF089808.D

Acq: 19 Aug 2016 20:53

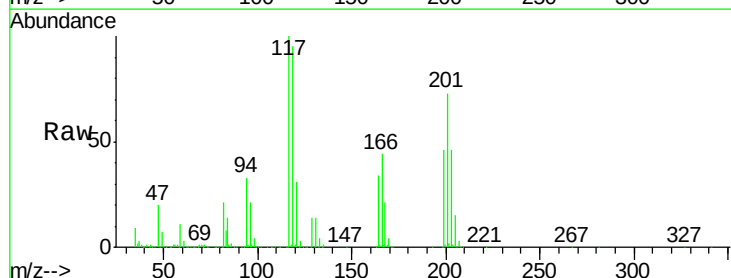
Tgt Ion:117 Resp: 516265

Ion Ratio Lower Upper

117 100

119 94.9 77.1 115.7

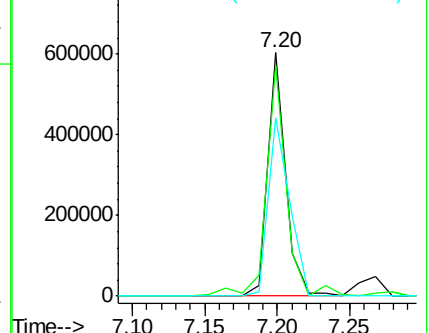
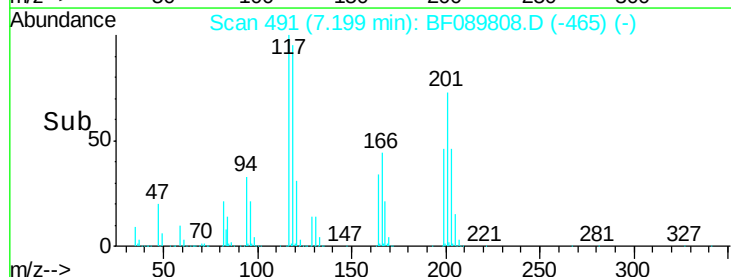
201 73.2 76.9 115.3#

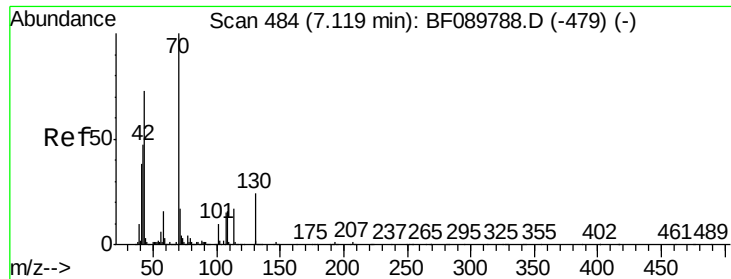


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

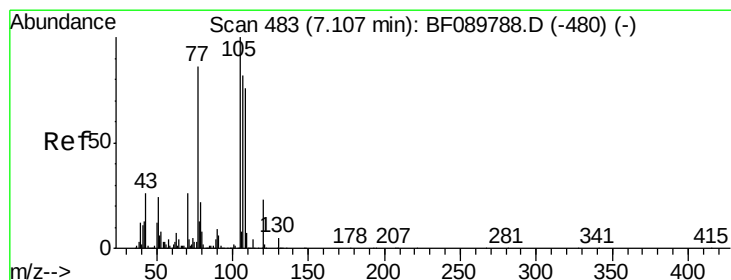
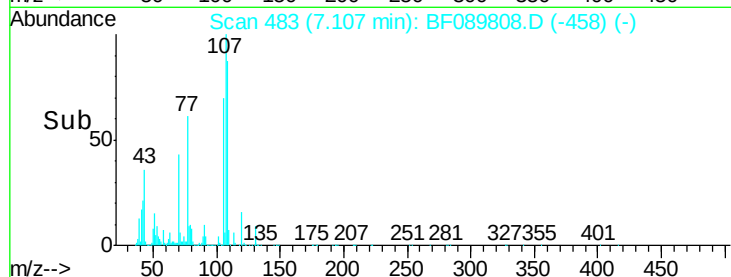
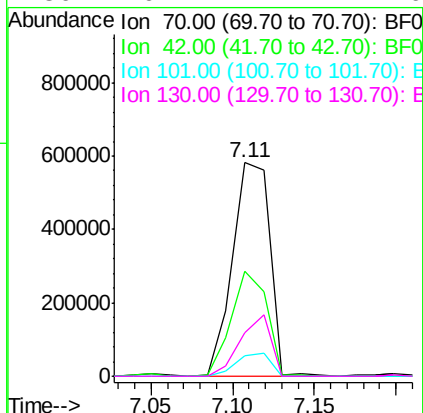
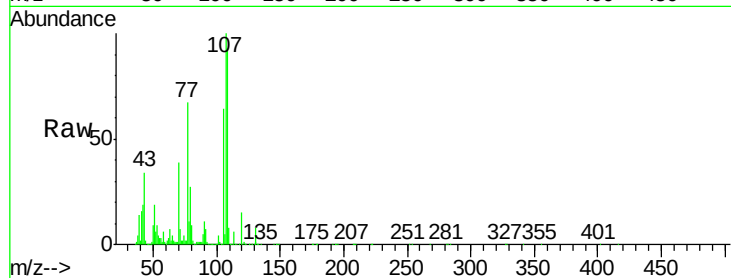




#19
n-Nitroso-di-n-propylamine
Concen: 35.86 ng
RT: 7.11 min Scan# 483
Delta R.T. -0.01 min
Lab File: BF089808.D
Acq: 19 Aug 2016 20:53

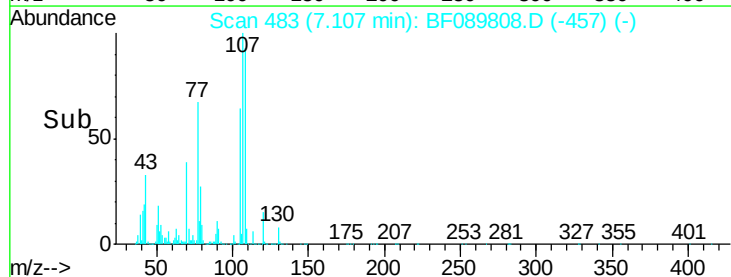
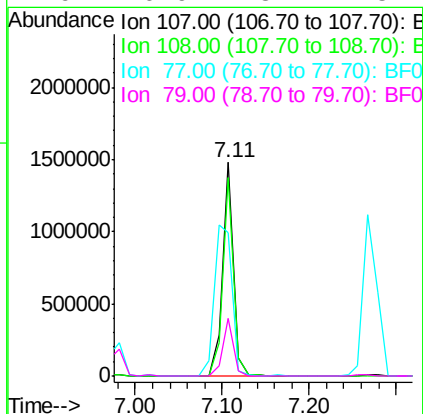
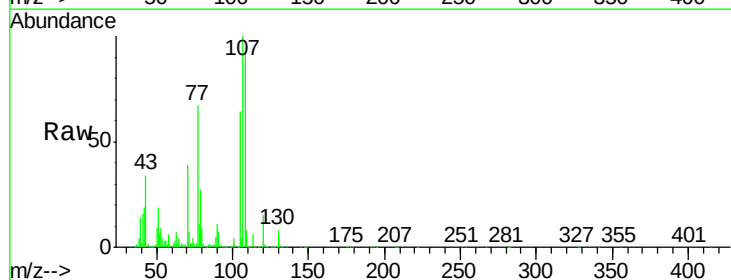
Instrument :
BNA_F
ClientSampleId :
I-3MS

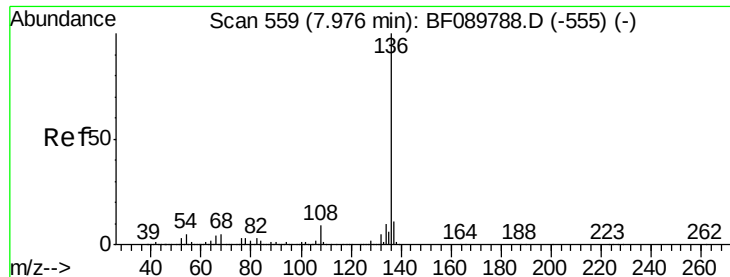
Tgt Ion:	70	Resp:	912021
Ion	Ratio	Lower	Upper
70	100		
42	49.4	46.3	69.5
101	9.9	7.0	10.6
130	20.4	14.4	21.6



#20
3+4-Methylphenols
Concen: 35.20 ng
RT: 7.11 min Scan# 483
Delta R.T. -0.00 min
Lab File: BF089808.D
Acq: 19 Aug 2016 20:53

Tgt Ion:	107	Resp:	1309627
Ion	Ratio	Lower	Upper
107	100		
108	92.9	68.2	108.2
77	67.3	122.3	162.3#
79	26.9	8.2	48.2

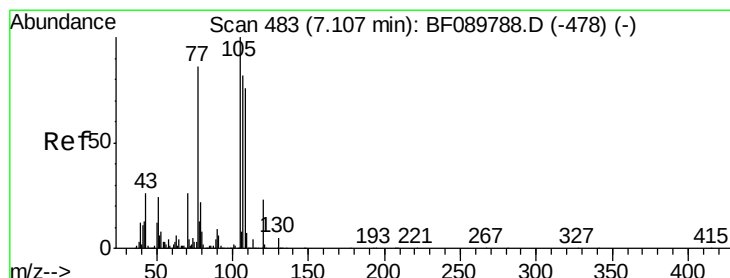
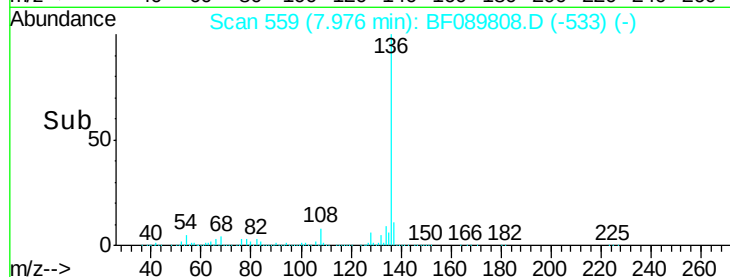
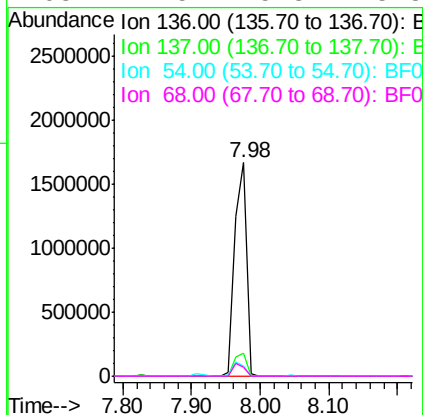
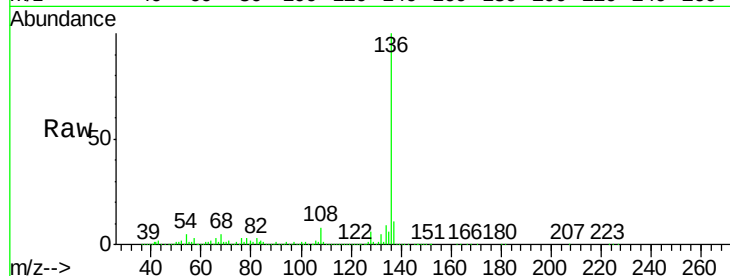




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.98 min Scan# 559
Delta R.T. -0.00 min
Lab File: BF089808.D
Acq: 19 Aug 2016 20:53

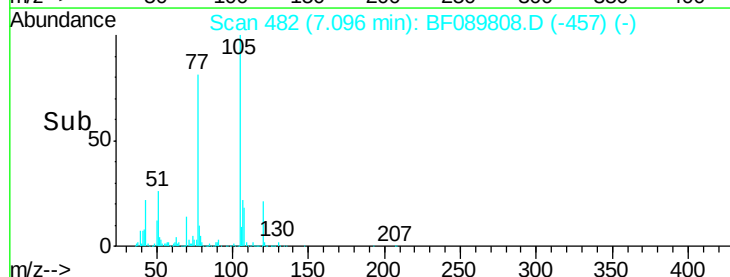
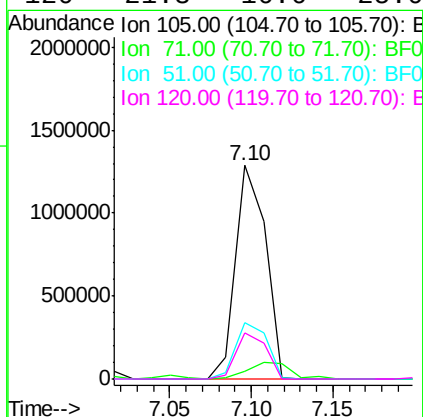
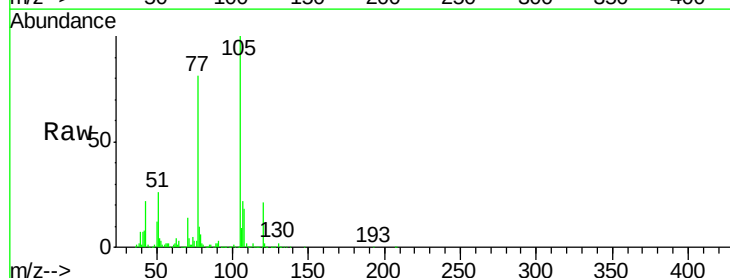
Instrument :
BNA_F
ClientSampleId :
I-3MS

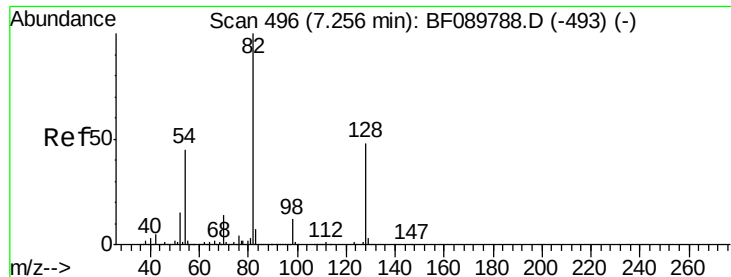
Tgt Ion:	136	Resp:	2039067
Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.2	13.8
54	4.8	7.2	10.8#
68	4.5	5.8	8.8#



#22
Acetophenone
Concen: 34.85 ng
RT: 7.10 min Scan# 482
Delta R.T. -0.01 min
Lab File: BF089808.D
Acq: 19 Aug 2016 20:53

Tgt Ion:	105	Resp:	1631801
Ion	Ratio	Lower	Upper
105	100		
71	3.6	1.9	2.9#
51	26.5	28.5	42.7#
120	21.3	16.6	25.0

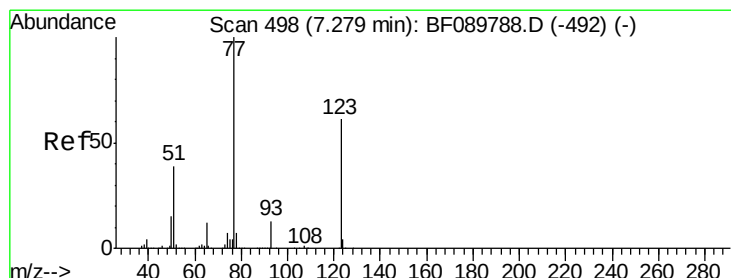
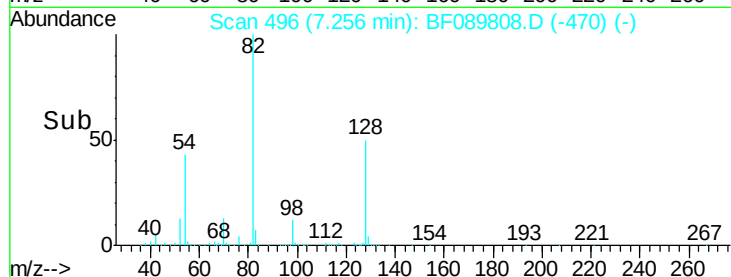
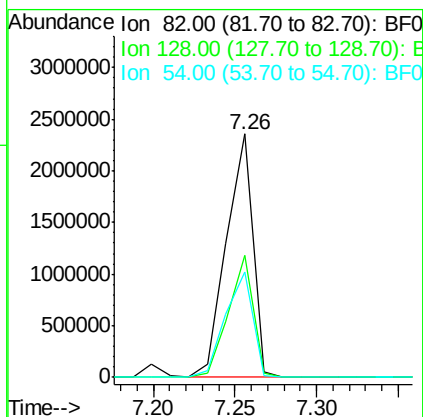
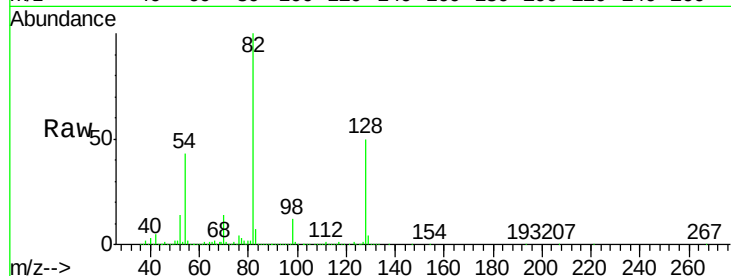




#23
 Nitrobenzene-d5
 Concen: 80.19 ng
 RT: 7.26 min Scan# 496
 Delta R.T. -0.00 min
 Lab File: BF089808.D
 Acq: 19 Aug 2016 20:53

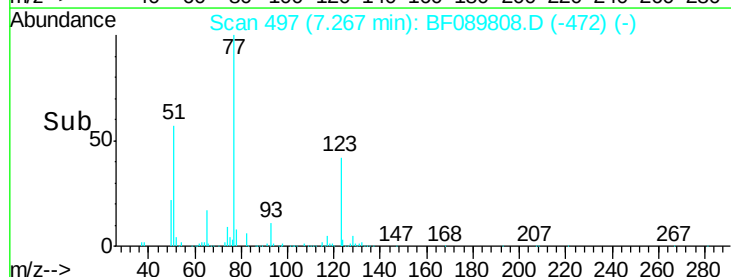
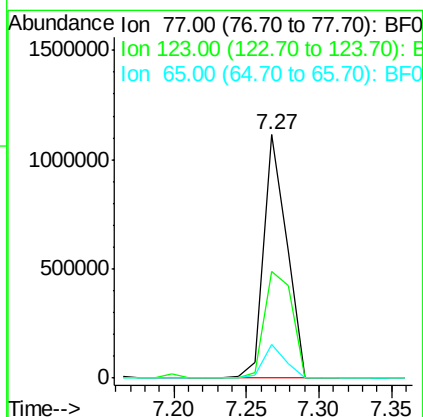
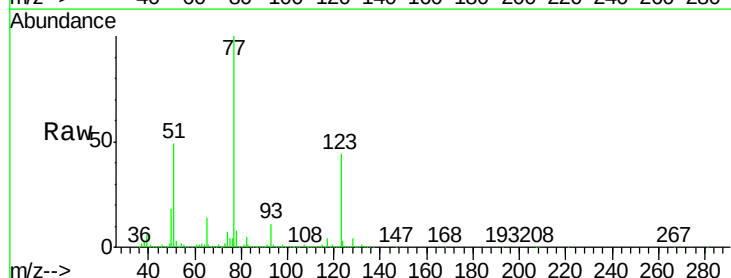
Instrument :
 BNA_F
 ClientSampled :
 I-3MS

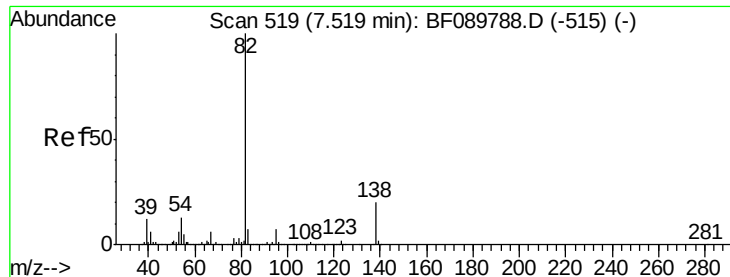
Tgt Ion: 82 Resp: 2631981
 Ion Ratio Lower Upper
 82 100
 128 50.4 34.4 51.6
 54 43.5 40.3 60.5



#24
 Nitrobenzene
 Concen: 33.03 ng
 RT: 7.27 min Scan# 497
 Delta R.T. -0.01 min
 Lab File: BF089808.D
 Acq: 19 Aug 2016 20:53

Tgt Ion: 77 Resp: 1216273
 Ion Ratio Lower Upper
 77 100
 123 43.9 36.2 54.2
 65 13.8 10.6 15.8





#25

Isophorone

Concen: 37.17 ng

RT: 7.52 min Scan# 519

Delta R.T. -0.00 min

Lab File: BF089808.D

Acq: 19 Aug 2016 20:53

Instrument :

BNA_F

ClientSampleId :

I-3MS

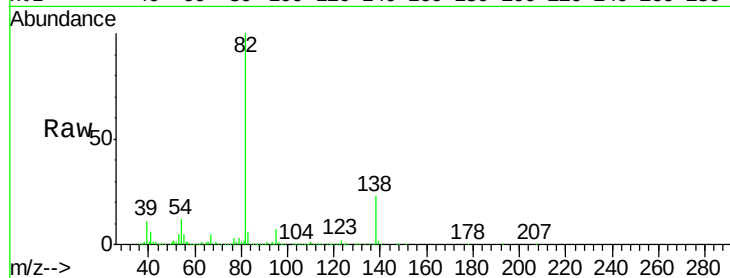
Tgt Ion: 82 Resp: 2460811

Ion Ratio Lower Upper

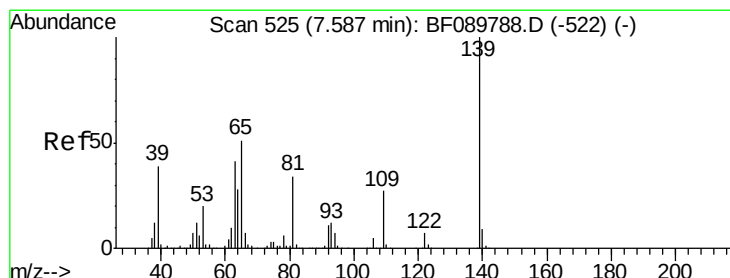
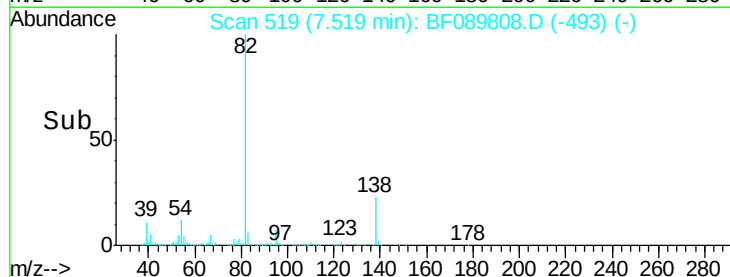
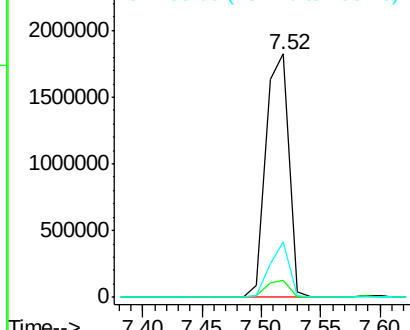
82 100

95 7.2 5.3 7.9

138 22.8 13.0 19.4#



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



#26

2-Nitrophenol

Concen: 34.49 ng

RT: 7.59 min Scan# 525

Delta R.T. -0.00 min

Lab File: BF089808.D

Acq: 19 Aug 2016 20:53

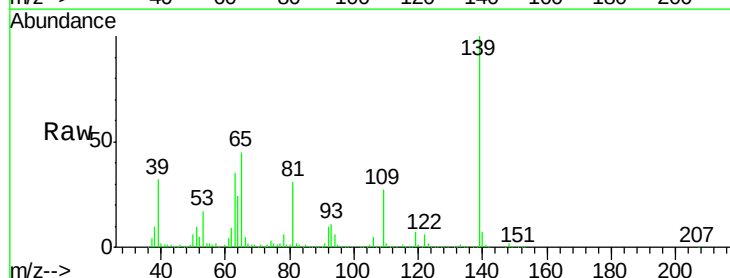
Tgt Ion: 139 Resp: 633589

Ion Ratio Lower Upper

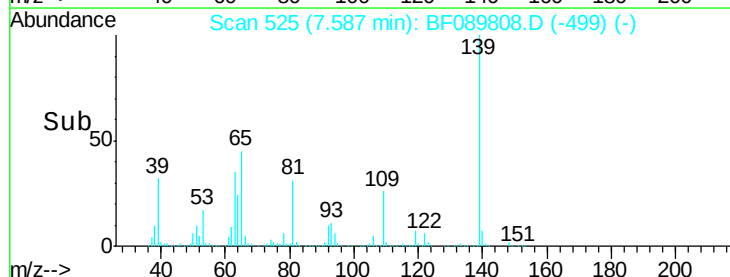
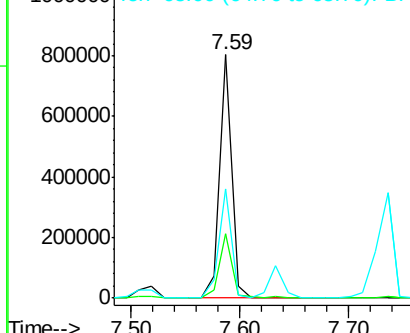
139 100

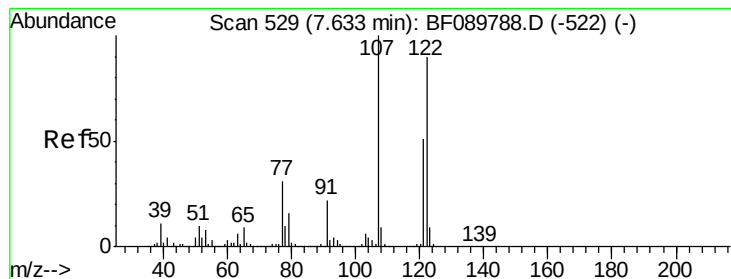
109 26.5 19.5 29.3

65 44.7 26.5 39.7#



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





#27

2,4-Dimethylphenol

Concen: 31.62 ng

RT: 7.63 min Scan# 529

Delta R.T. -0.00 min

Lab File: BF089808.D

Acq: 19 Aug 2016 20:53

Instrument :

BNA_F

ClientSampleId :

I-3MS

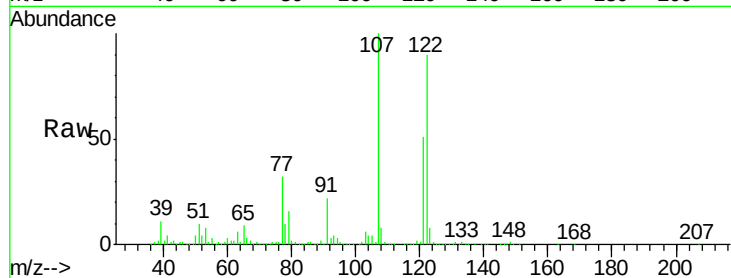
Tgt Ion:122 Resp: 1046939

Ion Ratio Lower Upper

122 100

107 111.5 84.8 127.2

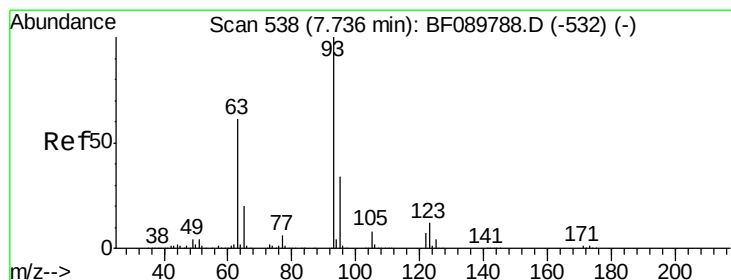
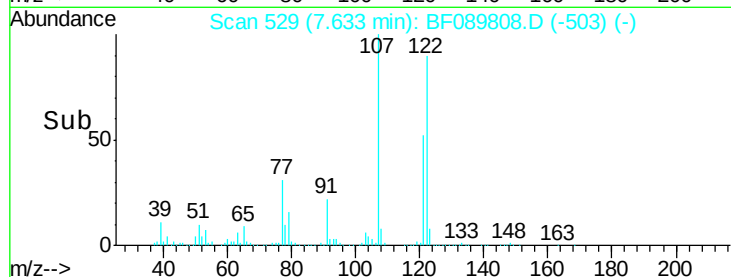
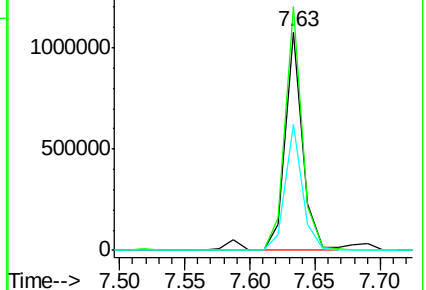
121 57.4 47.0 70.6



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: 43.00 ng

RT: 7.74 min Scan# 538

Delta R.T. -0.00 min

Lab File: BF089808.D

Acq: 19 Aug 2016 20:53

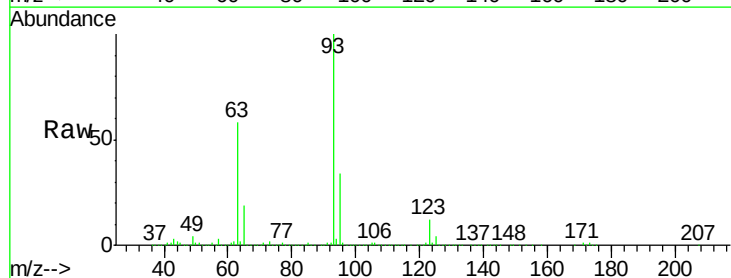
Tgt Ion: 93 Resp: 1761310

Ion Ratio Lower Upper

93 100

95 34.3 25.5 38.3

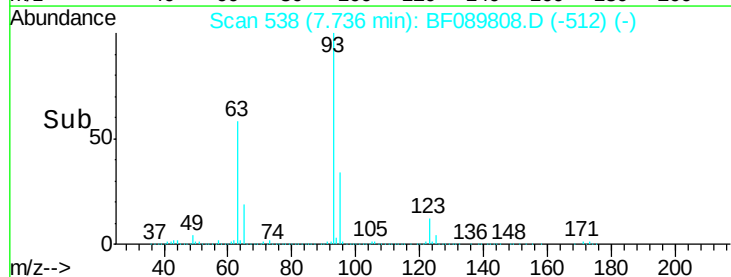
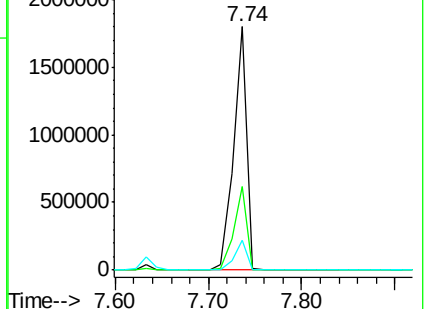
123 12.2 8.5 12.7

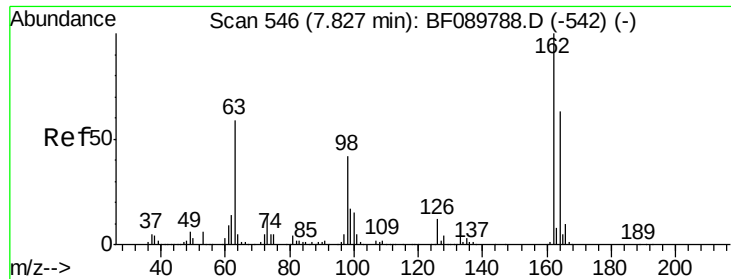


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

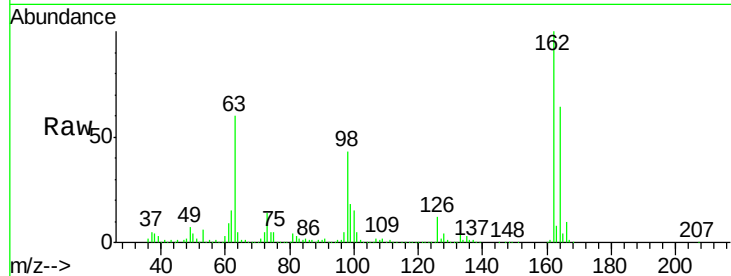




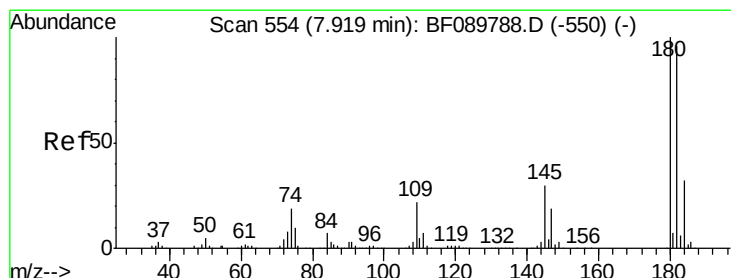
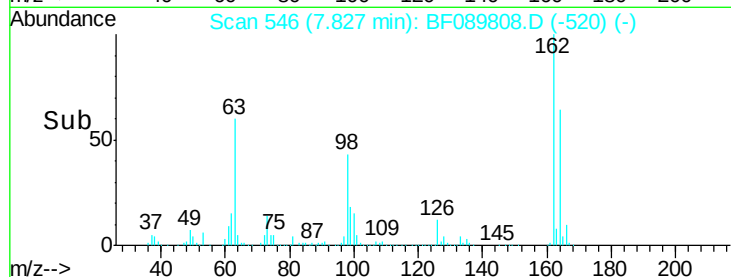
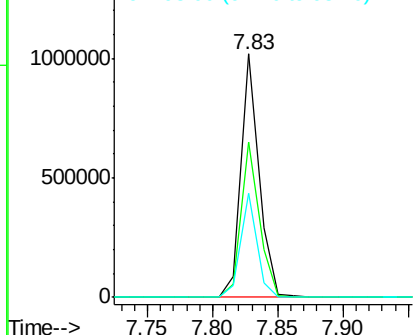
#29
 2,4-Dichlorophenol
 Concen: 35.03 ng
 RT: 7.83 min Scan# 546
 Delta R.T. -0.00 min
 Lab File: BF089808.D
 Acq: 19 Aug 2016 20:53

Instrument :
 BNA_F
 ClientSampled :
 I-3MS

Tgt Ion	Ratio	Lower	Upper
162	100		
164	63.6	45.5	85.5
98	43.0	12.4	52.4

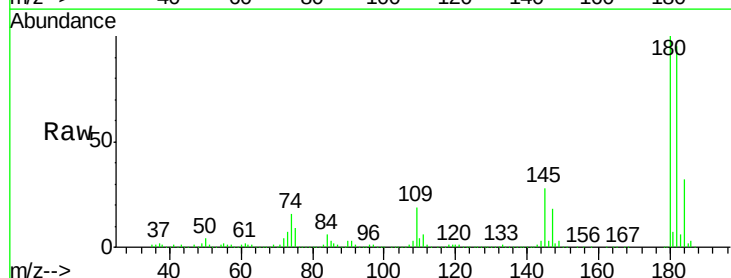


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

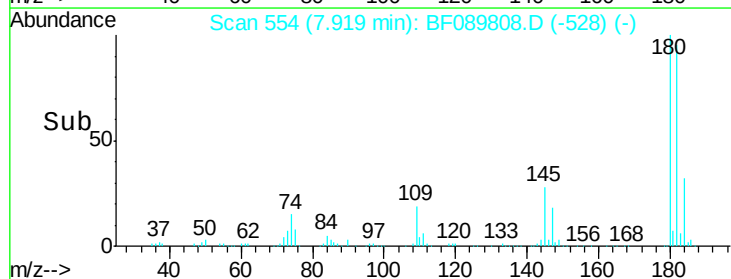
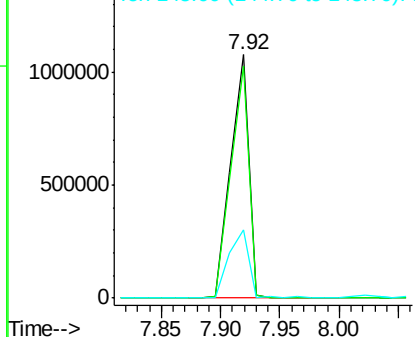


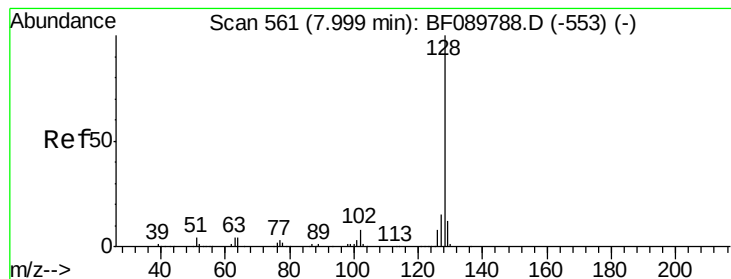
#30
 1,2,4-Trichlorobenzene
 Concen: 36.91 ng
 RT: 7.92 min Scan# 554
 Delta R.T. -0.00 min
 Lab File: BF089808.D
 Acq: 19 Aug 2016 20:53

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.5	75.5	113.3
145	27.9	28.7	43.1#



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: 36.40 ng

RT: 7.99 min Scan# 560

Delta R.T. -0.01 min

Lab File: BF089808.D

Acq: 19 Aug 2016 20:53

Instrument :

BNA_F

ClientSampleId :

I-3MS

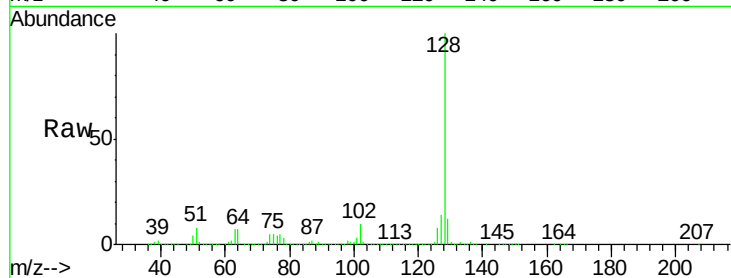
Tgt Ion:128 Resp: 3468807

Ion Ratio Lower Upper

128 100

129 12.4 9.5 14.3

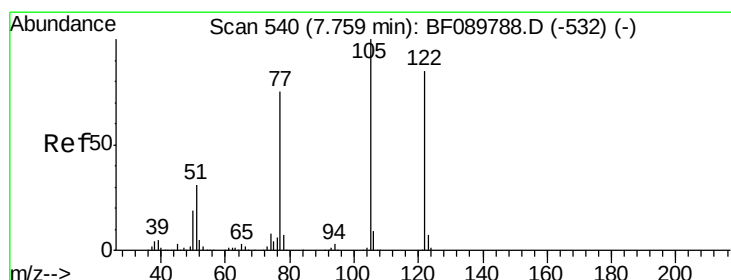
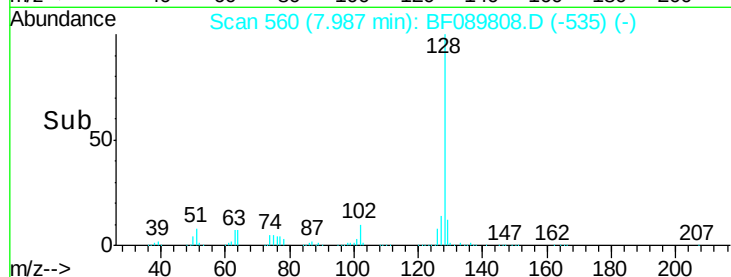
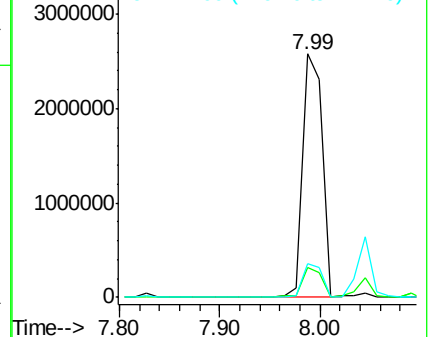
127 14.0 11.3 16.9



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: 1.76 ng

RT: 7.69 min Scan# 534

Delta R.T. -0.07 min

Lab File: BF089808.D

Acq: 19 Aug 2016 20:53

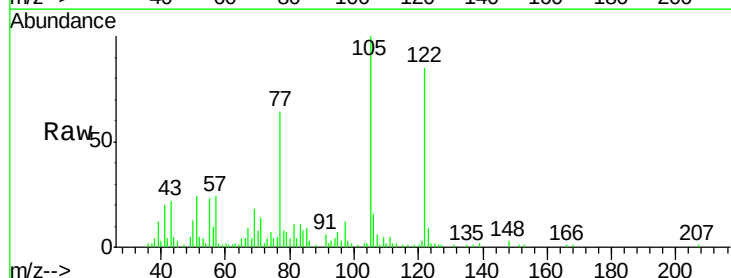
Tgt Ion:122 Resp: 45512

Ion Ratio Lower Upper

122 100

105 117.5 100.8 140.8

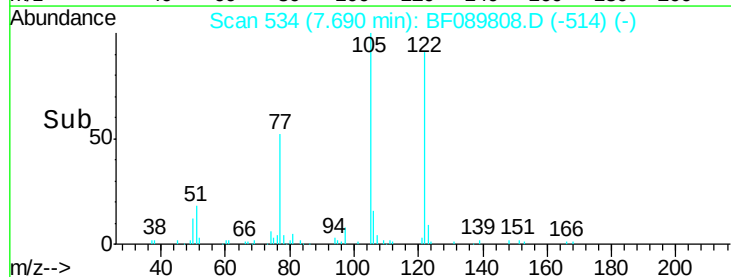
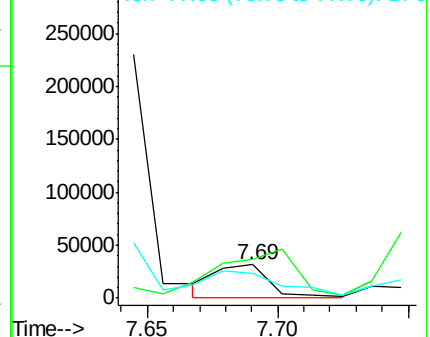
77 75.2 72.1 112.1

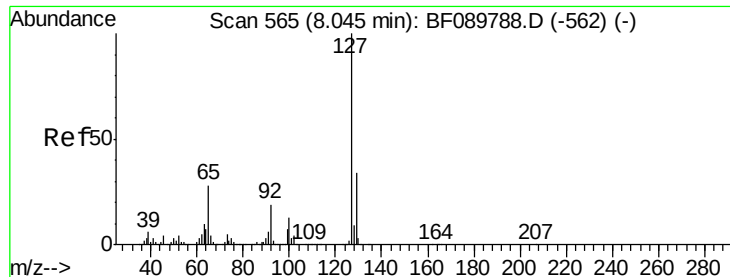


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

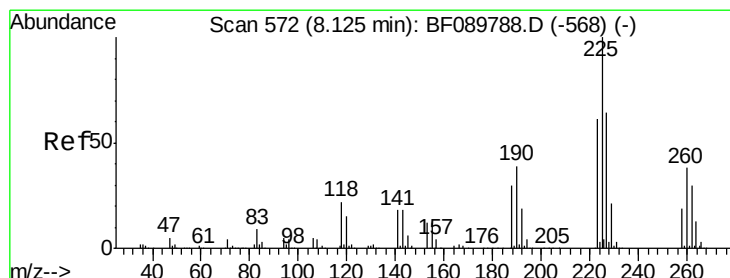
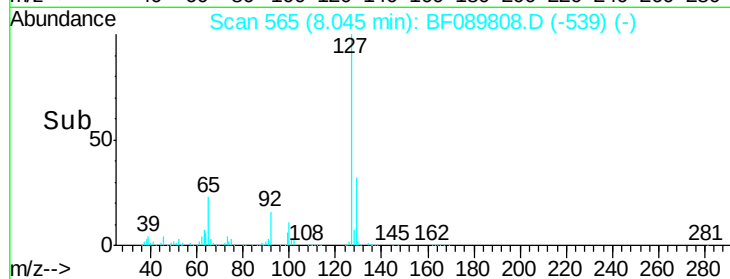
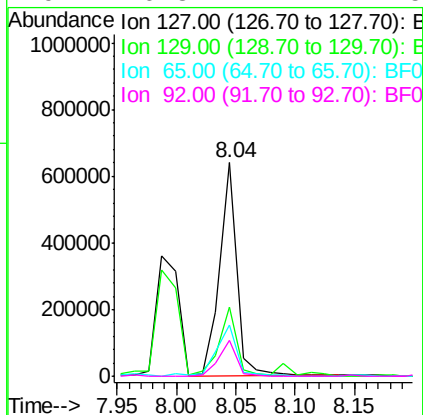
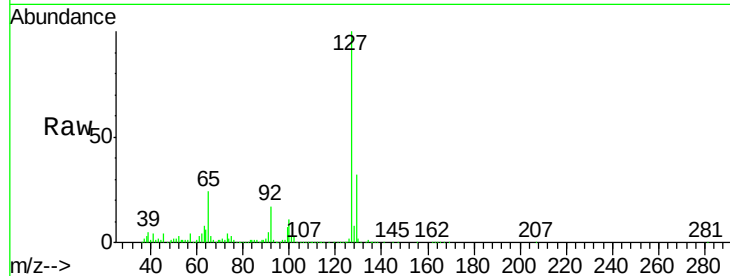




#33
 4-Chloroaniline
 Concen: 15.32 ng
 RT: 8.04 min Scan# 565
 Delta R.T. -0.00 min
 Lab File: BF089808.D
 Acq: 19 Aug 2016 20:53

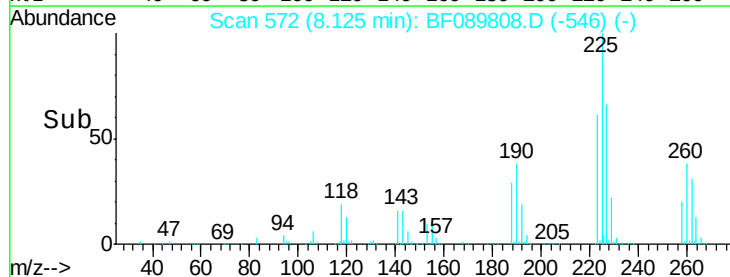
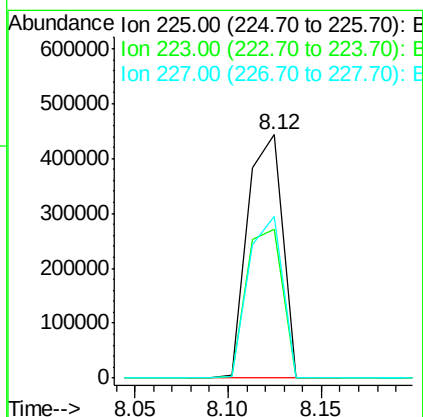
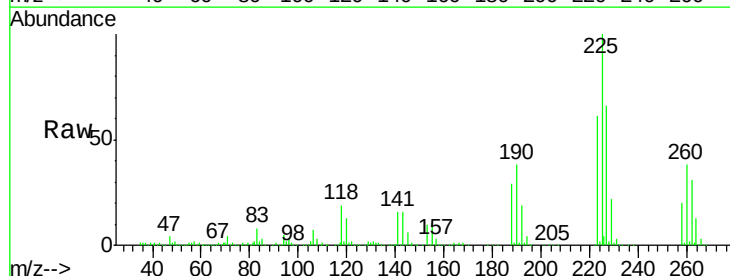
Instrument :
 BNA_F
 ClientSampled :
 I-3MS

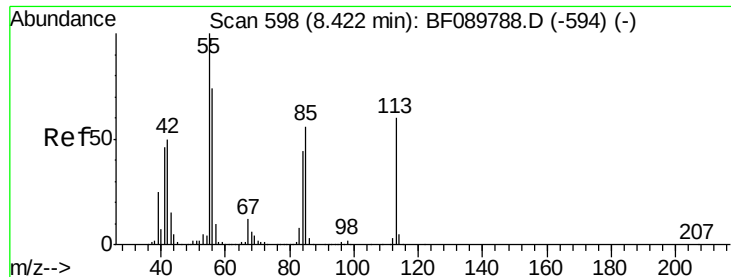
Tgt Ion:	127	Resp:	632827
Ion	Ratio	Lower	Upper
127	100		
129	32.4	27.0	40.6
65	24.0	14.7	22.1#
92	16.8	11.7	17.5



#34
 Hexachlorobutadiene
 Concen: 35.49 ng
 RT: 8.12 min Scan# 572
 Delta R.T. -0.00 min
 Lab File: BF089808.D
 Acq: 19 Aug 2016 20:53

Tgt Ion:	225	Resp:	571185
Ion	Ratio	Lower	Upper
225	100		
223	61.1	51.0	76.6
227	66.2	49.8	74.6

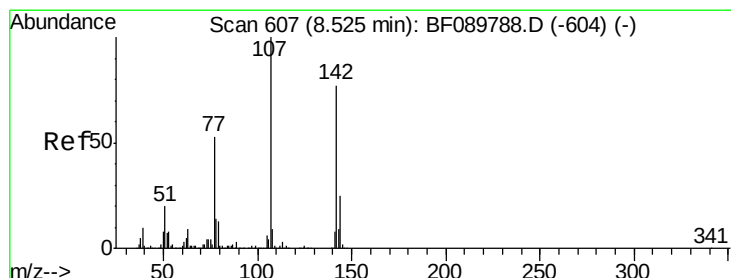
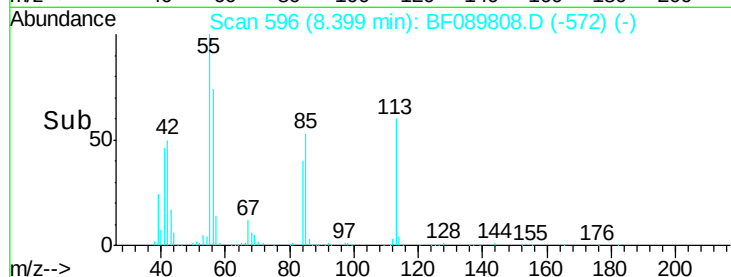
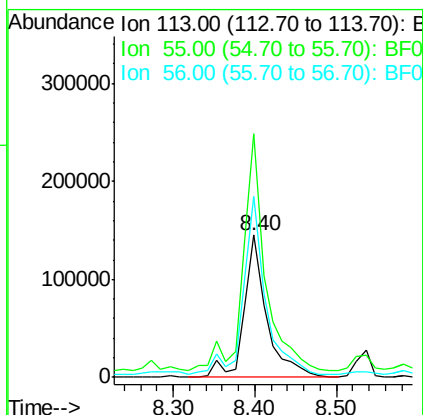
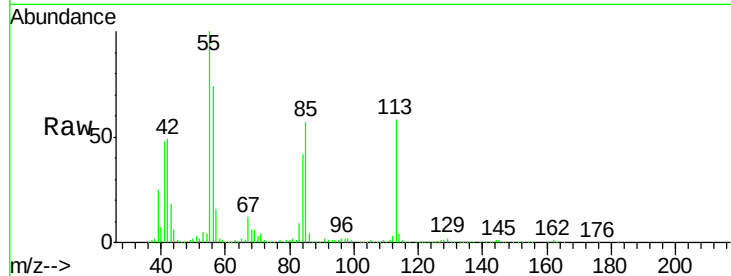




#35
 Caprolactam
 Concen: 32.15 ng
 RT: 8.40 min Scan# 596
 Delta R.T. -0.02 min
 Lab File: BF089808.D
 Acq: 19 Aug 2016 20:53

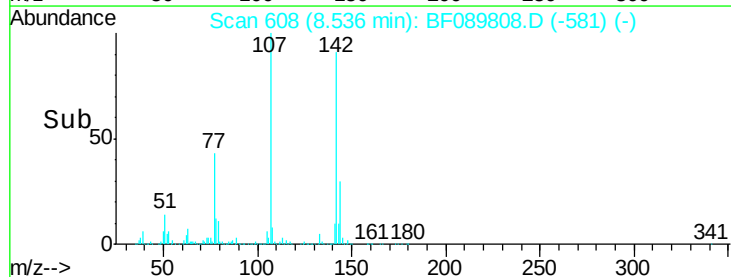
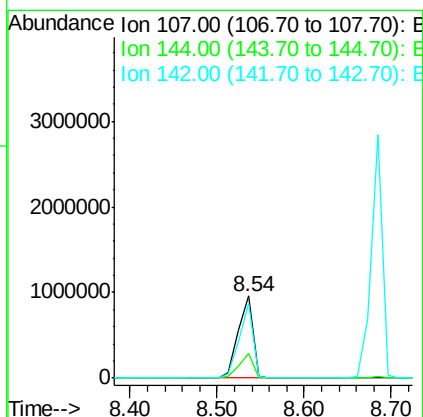
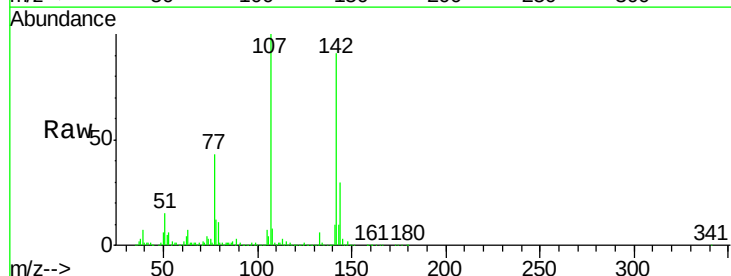
Instrument :
 BNA_F
 ClientSampleId :
 I-3MS

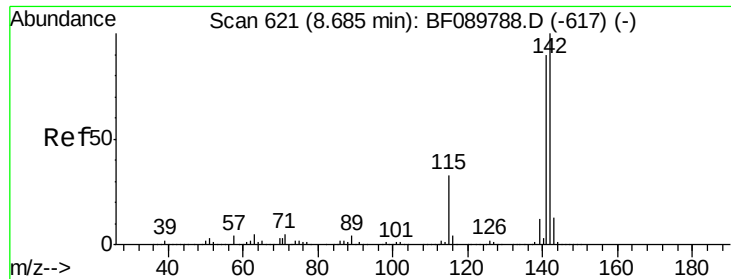
Tgt Ion:113 Resp: 272062
 Ion Ratio Lower Upper
 113 100
 55 171.3 135.9 175.9
 56 126.9 93.9 133.9



#36
 4-Chloro-3-methylphenol
 Concen: 36.94 ng
 RT: 8.54 min Scan# 608
 Delta R.T. 0.01 min
 Lab File: BF089808.D
 Acq: 19 Aug 2016 20:53

Tgt Ion:107 Resp: 1111506
 Ion Ratio Lower Upper
 107 100
 144 30.5 22.6 34.0
 142 91.2 69.3 103.9





#37

2-Methylnaphthalene

Concen: 39.93 ng

RT: 8.68 min Scan# 621

Delta R.T. -0.00 min

Lab File: BF089808.D

Acq: 19 Aug 2016 20:53

Instrument :

BNA_F

ClientSampleId :

I-3MS

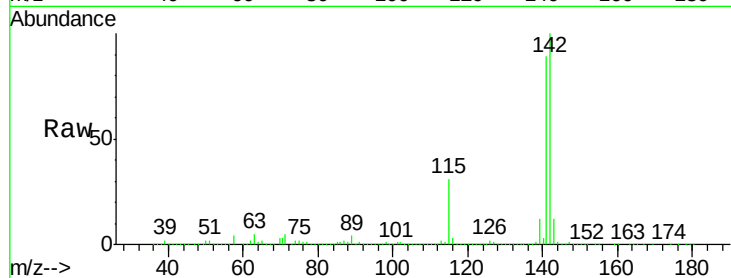
Tgt Ion:142 Resp: 2462078

Ion Ratio Lower Upper

142 100

141 88.9 71.4 107.2

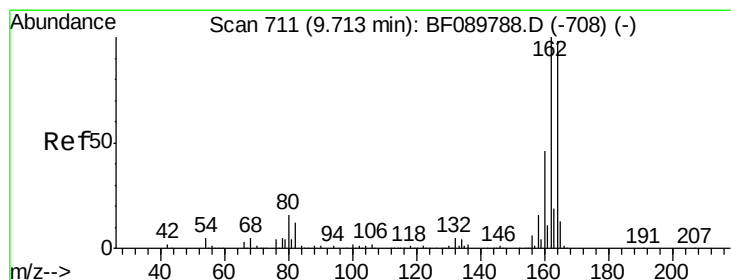
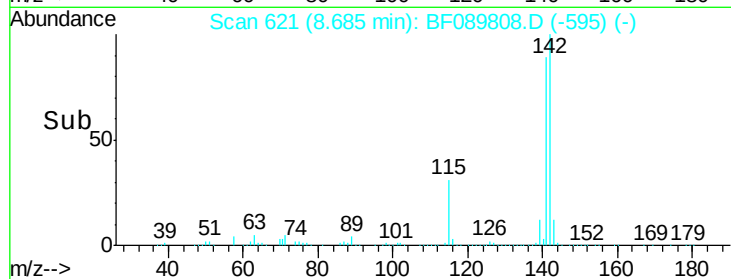
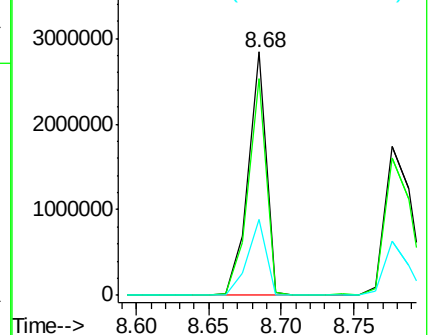
115 31.2 22.7 34.1



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.71 min Scan# 711

Delta R.T. -0.00 min

Lab File: BF089808.D

Acq: 19 Aug 2016 20:53

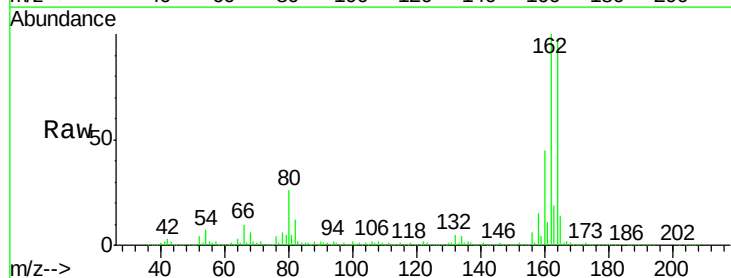
Tgt Ion:164 Resp: 826103

Ion Ratio Lower Upper

164 100

162 103.5 81.4 122.2

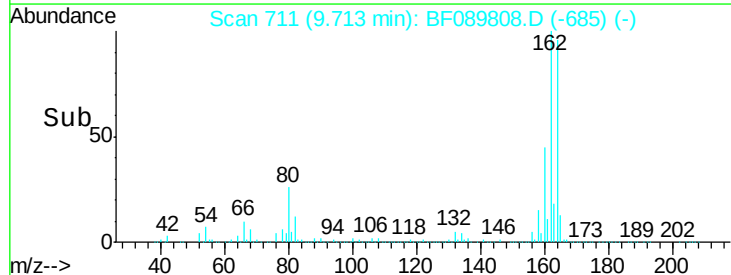
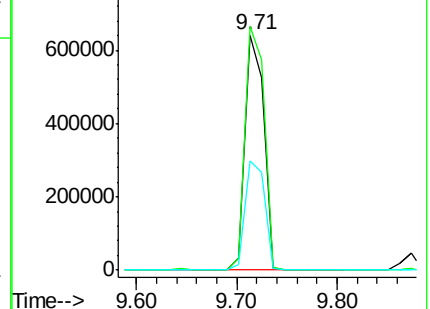
160 46.4 37.8 56.6

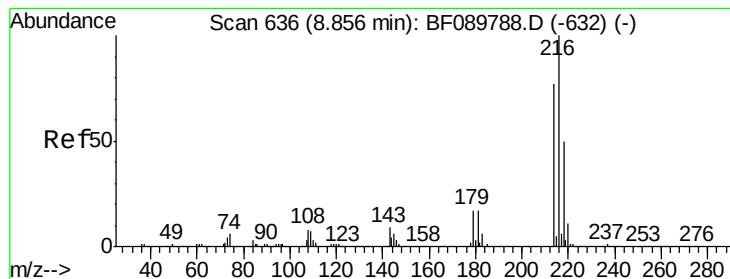


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 30.13 ng

RT: 8.84 min Scan# 635

Delta R.T. -0.01 min

Lab File: BF089808.D

Acq: 19 Aug 2016 20:53

Instrument :

BNA_F

ClientSampleId :

I-3MS

Tgt Ion:216 Resp: 806095

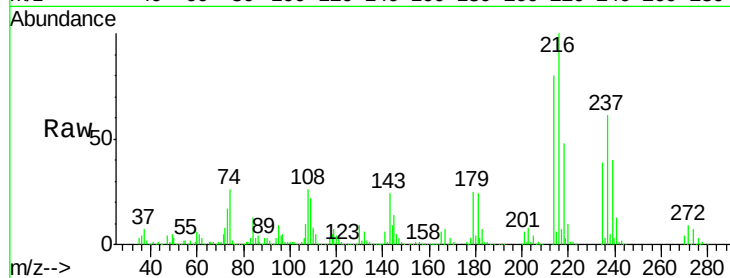
Ion Ratio Lower Upper

216 100

214 78.9 63.5 95.3

179 22.4 19.9 29.9

108 20.5 19.9 29.9

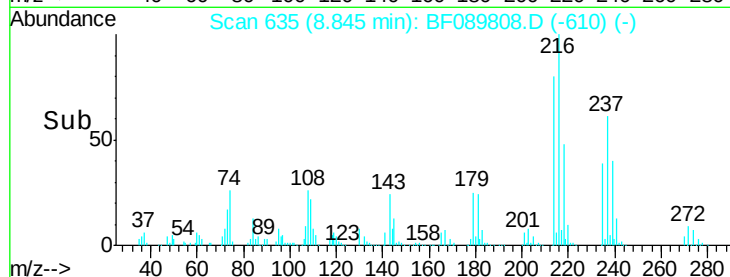


Abundance Ion 216.00 (215.70 to 216.70): E

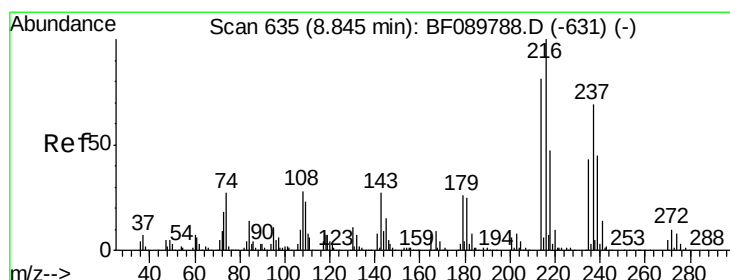
Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



Time-->



#40

Hexachlorocyclopentadiene

Concen: 43.87 ng

RT: 8.84 min Scan# 635

Delta R.T. 0.00 min

Lab File: BF089808.D

Acq: 19 Aug 2016 20:53

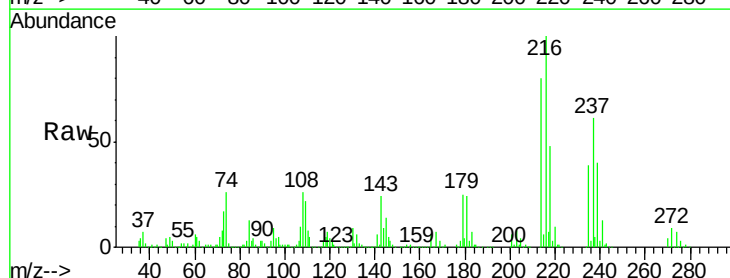
Tgt Ion:237 Resp: 407456

Ion Ratio Lower Upper

237 100

235 63.6 43.7 83.7

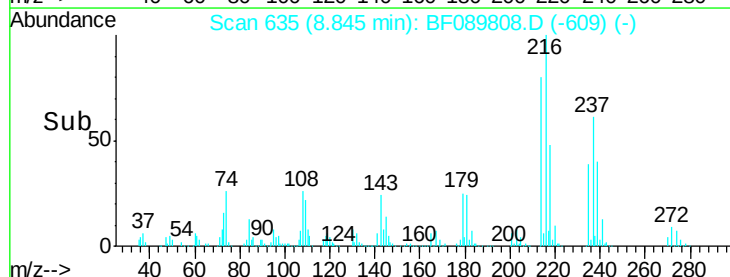
272 14.7 0.0 31.6



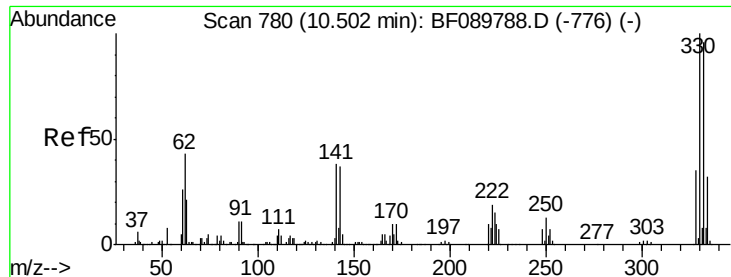
Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



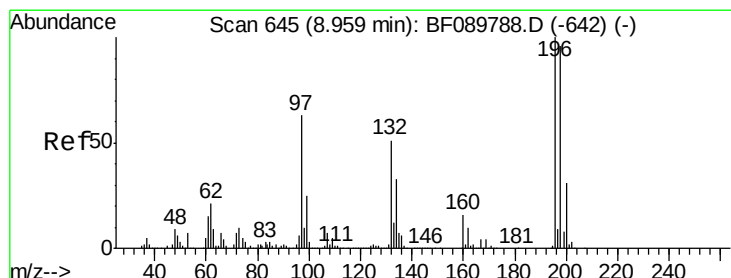
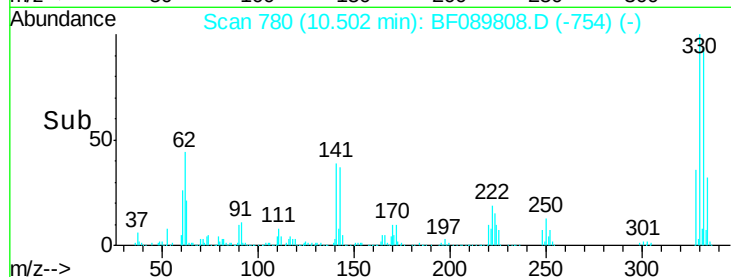
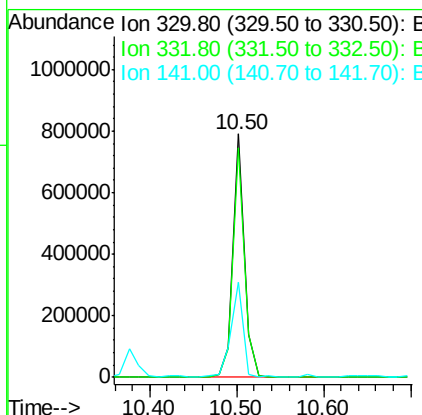
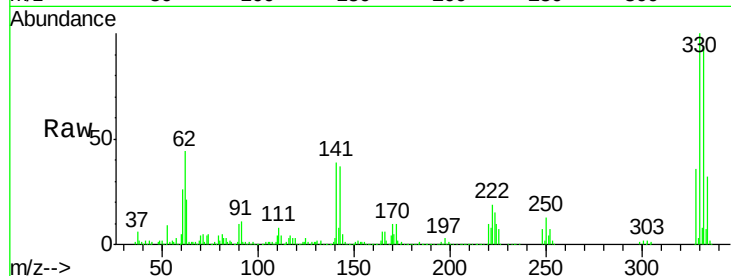
Time-->



#41
 2,4,6-Tribromophenol
 Concen: 91.95 ng
 RT: 10.50 min Scan# 780
 Delta R.T. -0.00 min
 Lab File: BF089808.D
 Acq: 19 Aug 2016 20:53

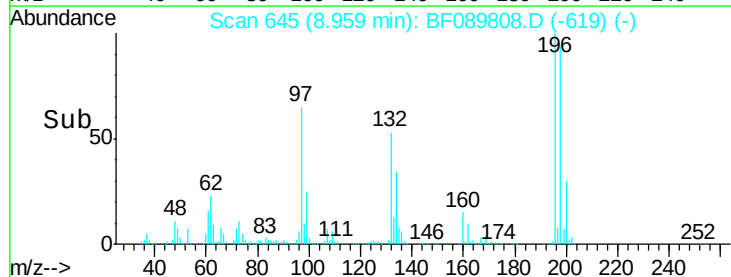
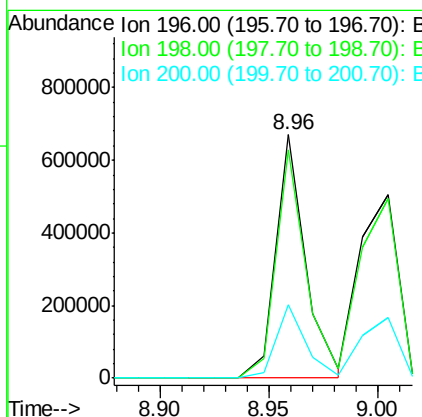
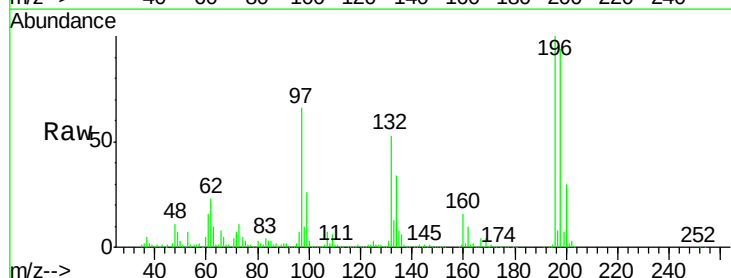
Instrument :
 BNA_F
 ClientSampleId :
 I-3MS

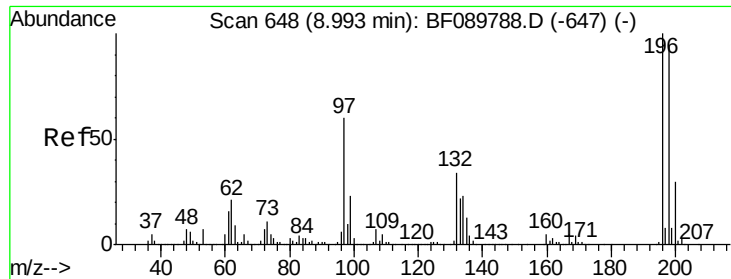
Tgt Ion:330 Resp: 721891
 Ion Ratio Lower Upper
 330 100
 332 95.3 76.7 115.1
 141 40.4 30.2 45.2



#42
 2,4,6-Trichlorophenol
 Concen: 38.18 ng
 RT: 8.96 min Scan# 645
 Delta R.T. -0.00 min
 Lab File: BF089808.D
 Acq: 19 Aug 2016 20:53

Tgt Ion:196 Resp: 642505
 Ion Ratio Lower Upper
 196 100
 198 94.0 76.3 114.5
 200 30.1 24.6 36.8

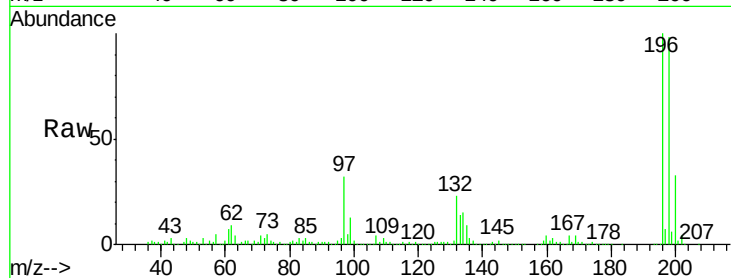




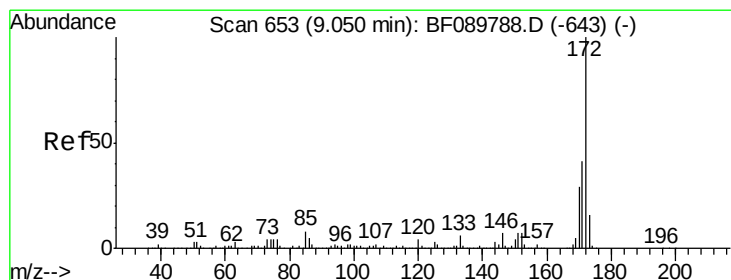
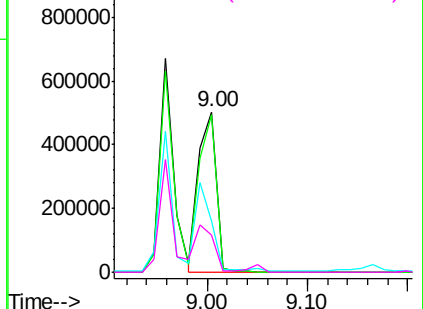
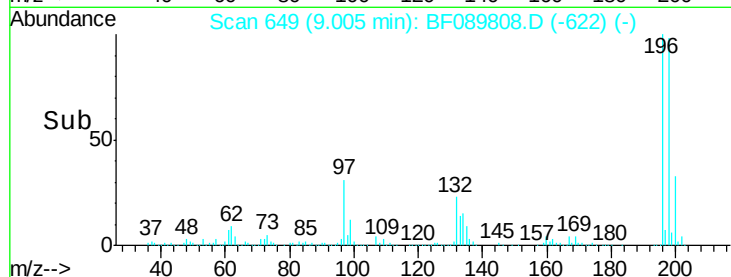
#43
 2,4,5-Trichlorophenol
 Concen: 37.45 ng
 RT: 9.00 min Scan# 649
 Delta R.T. 0.01 min
 Lab File: BF089808.D
 Acq: 19 Aug 2016 20:53

Instrument :
 BNA_F
 ClientSampled :
 I-3MS

Tgt Ion:196 Resp: 626802
 Ion Ratio Lower Upper
 196 100
 198 98.3 76.6 114.8
 97 31.8 35.8 53.8#
 132 23.3 23.5 35.3#

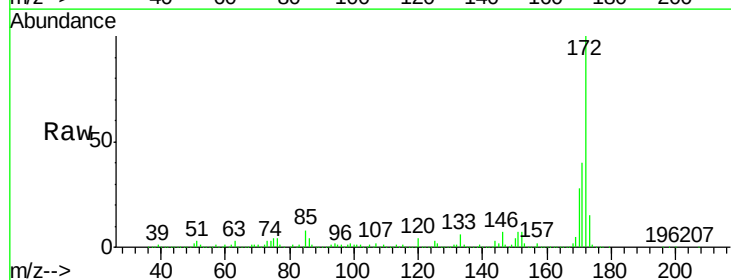


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

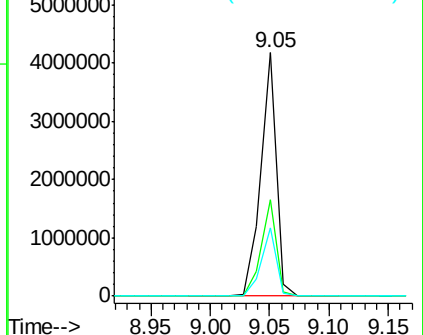
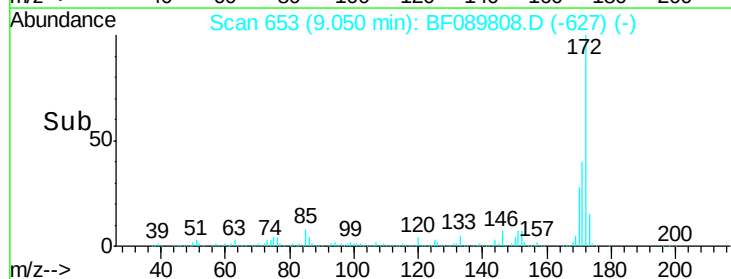


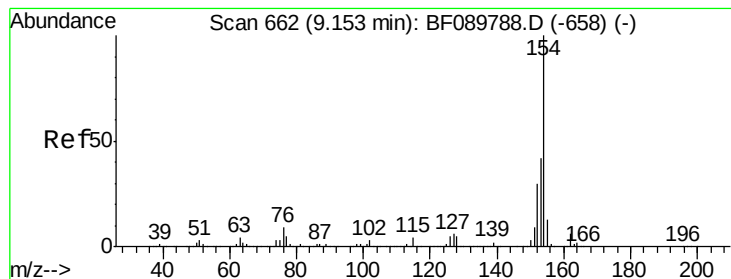
#44
 2-Fluorobiphenyl
 Concen: 82.16 ng
 RT: 9.05 min Scan# 653
 Delta R.T. 0.00 min
 Lab File: BF089808.D
 Acq: 19 Aug 2016 20:53

Tgt Ion:172 Resp: 3861704
 Ion Ratio Lower Upper
 172 100
 171 39.6 30.5 45.7
 170 27.8 20.6 31.0



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 36.47 ng

RT: 9.15 min Scan# 662

Delta R.T. -0.00 min

Lab File: BF089808.D

Acq: 19 Aug 2016 20:53

Instrument :

BNA_F

ClientSampleId :

I-3MS

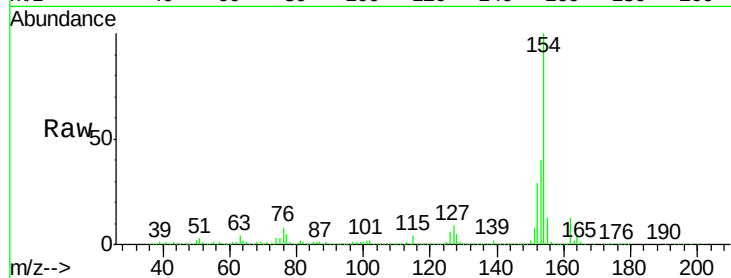
Tgt Ion:154 Resp: 2331476

Ion Ratio Lower Upper

154 100

153 40.3 21.5 61.5

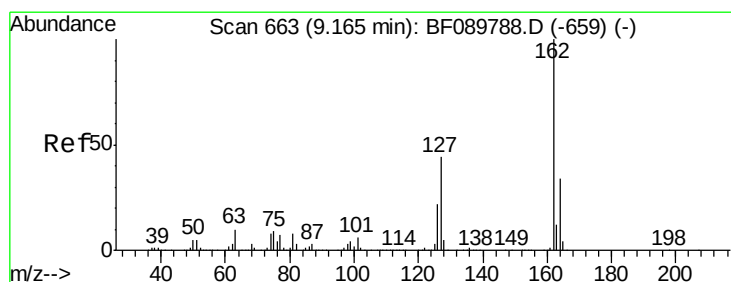
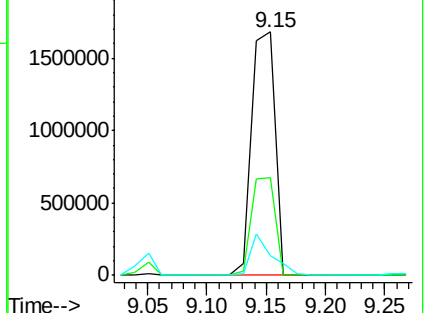
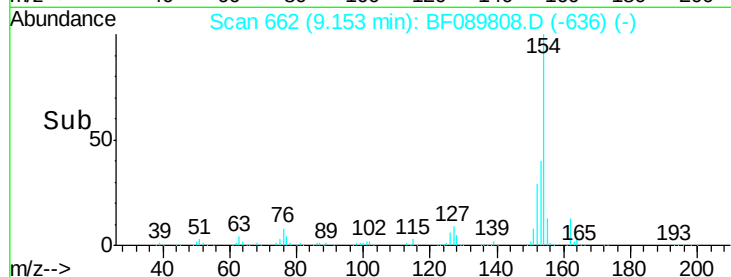
76 7.9 0.0 36.7



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 39.16 ng

RT: 9.16 min Scan# 663

Delta R.T. -0.00 min

Lab File: BF089808.D

Acq: 19 Aug 2016 20:53

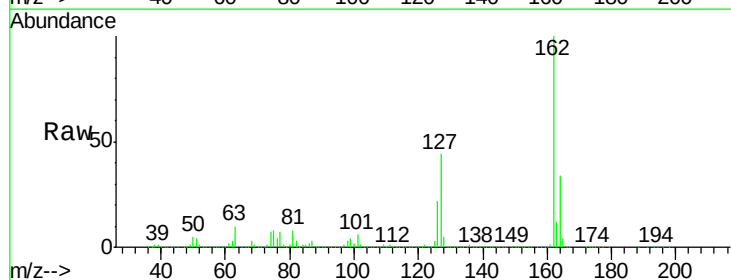
Tgt Ion:162 Resp: 1978899

Ion Ratio Lower Upper

162 100

127 44.1 35.5 53.3

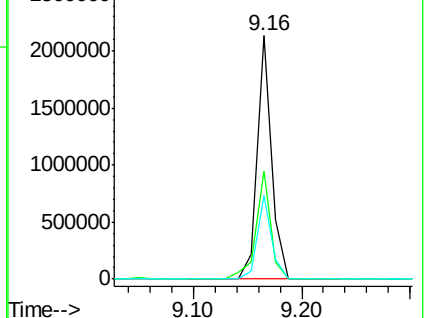
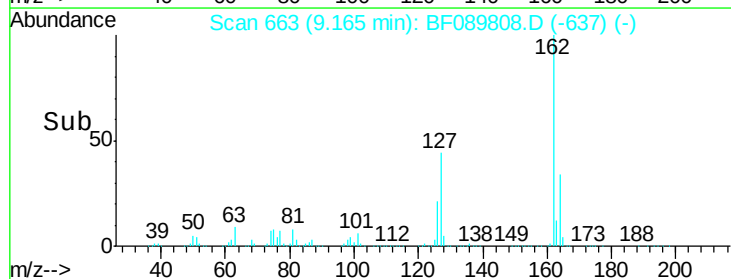
164 34.4 26.6 40.0

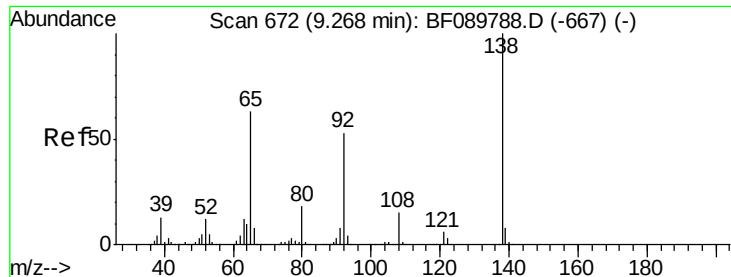


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

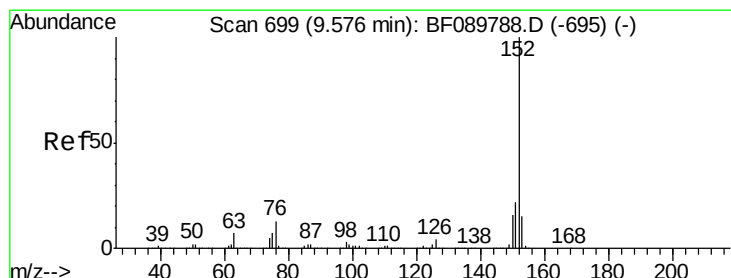
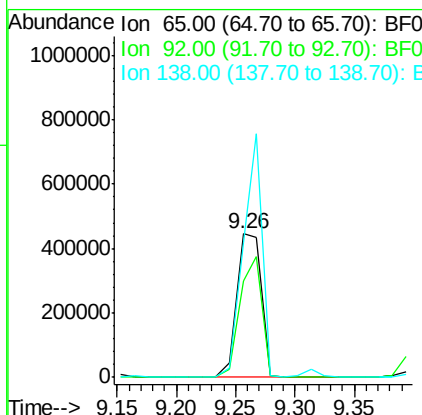
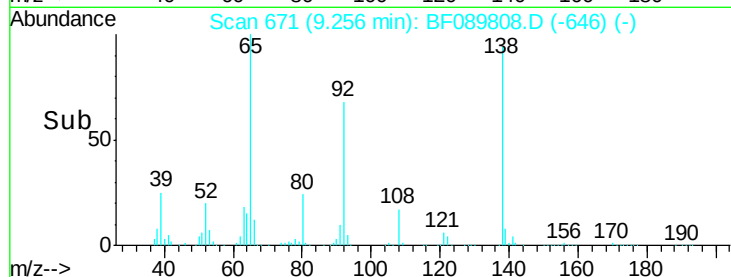
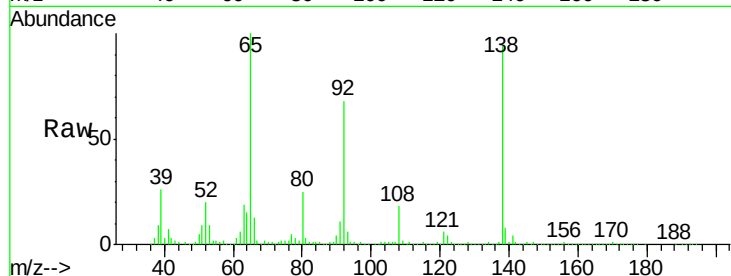




#47
2-Nitroaniline
Concen: 44.23 ng
RT: 9.26 min Scan# 671
Delta R.T. -0.01 min
Lab File: BF089808.D
Acq: 19 Aug 2016 20:53

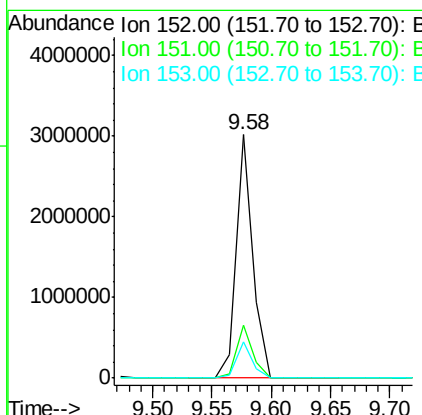
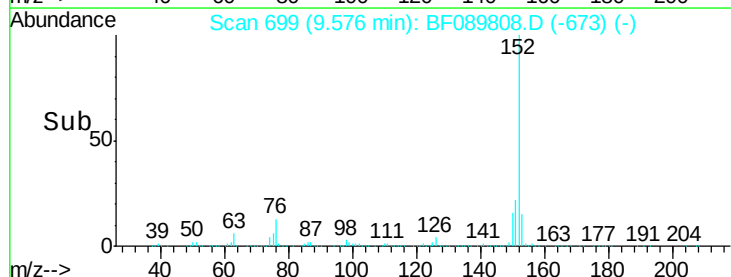
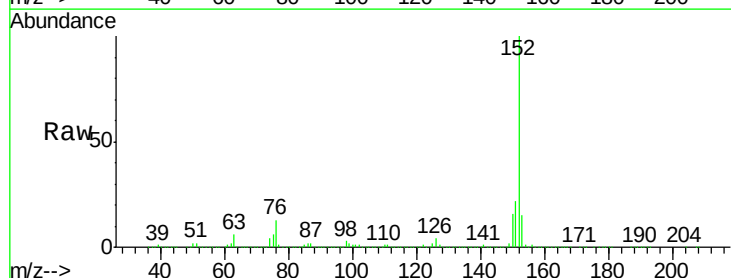
Instrument :
BNA_F
ClientSampleId :
I-3MS

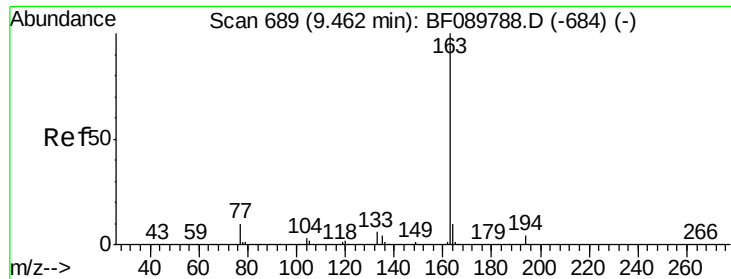
Tgt Ion: 65 Resp: 637500
Ion Ratio Lower Upper
65 100
92 67.5 56.3 84.5
138 94.1 81.8 122.8



#48
Acenaphthylene
Concen: 38.48 ng
RT: 9.58 min Scan# 699
Delta R.T. -0.00 min
Lab File: BF089808.D
Acq: 19 Aug 2016 20:53

Tgt Ion: 152 Resp: 2922225
Ion Ratio Lower Upper
152 100
151 21.7 17.1 25.7
153 14.9 11.2 16.8

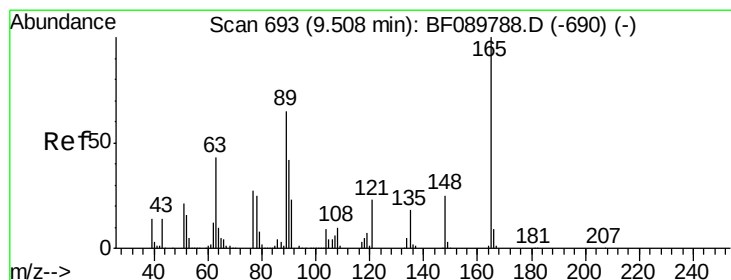
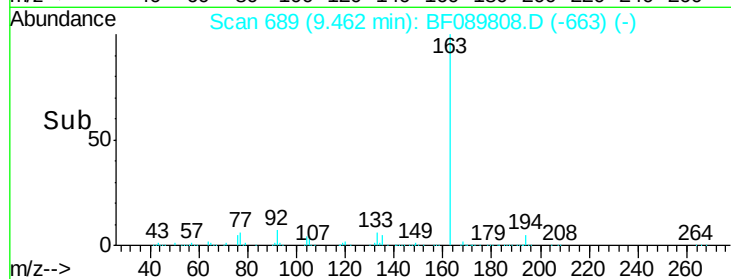
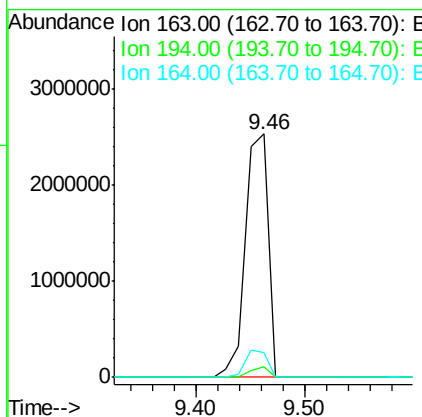
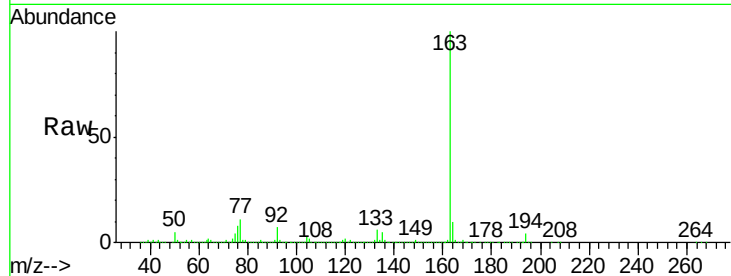




#49
Dimethylphthalate
Concen: 63.26 ng
RT: 9.46 min Scan# 689
Delta R.T. -0.00 min
Lab File: BF089808.D
Acq: 19 Aug 2016 20:53

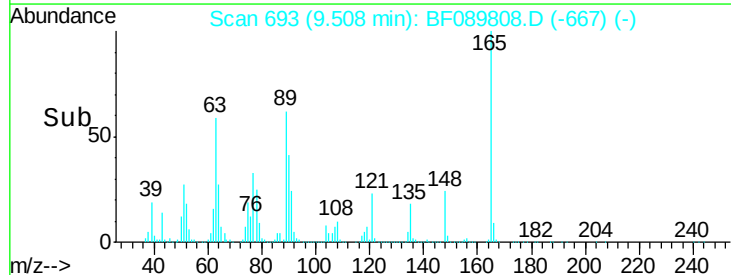
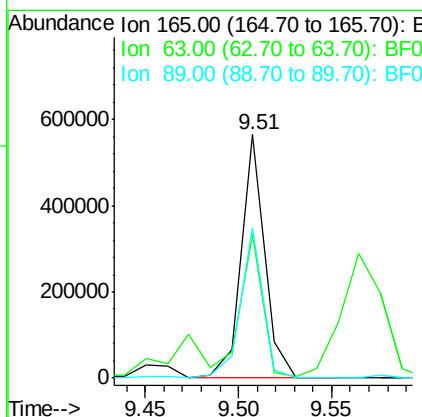
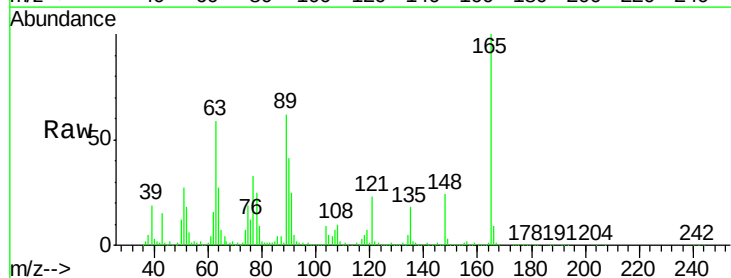
Instrument :
BNA_F
ClientSampleId :
I-3MS

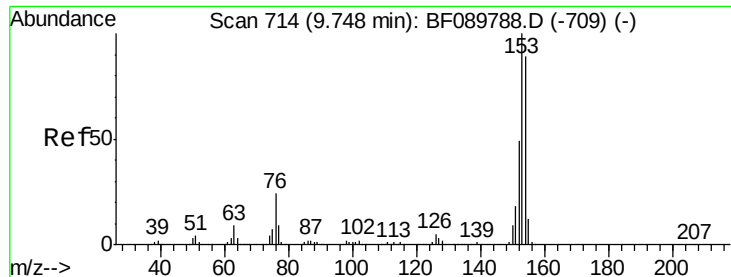
Tgt Ion:163 Resp: 3679630
Ion Ratio Lower Upper
163 100
194 4.3 2.6 3.8#
164 10.3 8.6 12.8



#50
2,6-Dinitrotoluene
Concen: 36.80 ng
RT: 9.51 min Scan# 693
Delta R.T. -0.00 min
Lab File: BF089808.D
Acq: 19 Aug 2016 20:53

Tgt Ion:165 Resp: 494168
Ion Ratio Lower Upper
165 100
63 59.1 41.7 62.5
89 61.9 44.6 67.0





#51

Acenaphthene

Concen: 35.78 ng

RT: 9.75 min Scan# 714

Delta R.T. -0.00 min

Lab File: BF089808.D

Acq: 19 Aug 2016 20:53

Instrument :

BNA_F

ClientSampleId :

I-3MS

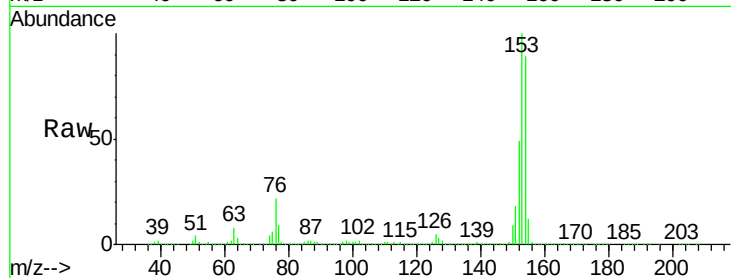
Tgt Ion:154 Resp: 1798311

Ion Ratio Lower Upper

154 100

153 112.2 90.5 135.7

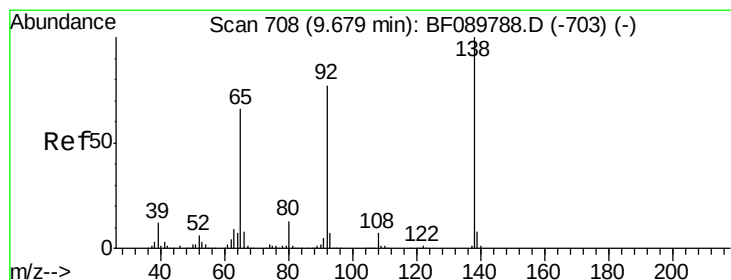
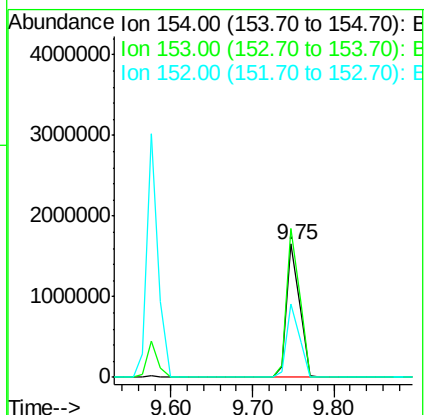
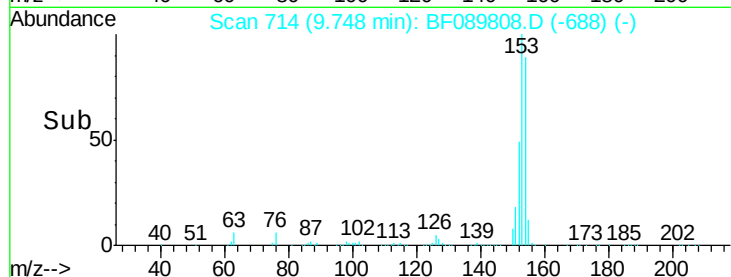
152 55.4 44.6 67.0



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 29.10 ng

RT: 9.67 min Scan# 707

Delta R.T. -0.01 min

Lab File: BF089808.D

Acq: 19 Aug 2016 20:53

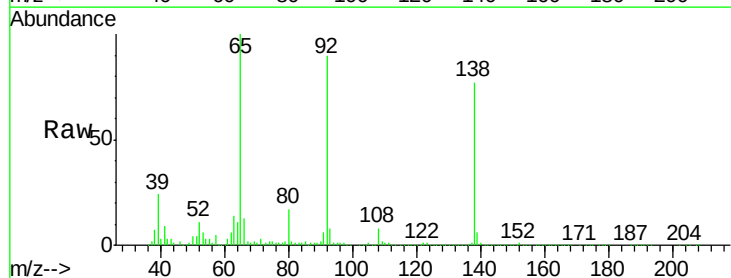
Tgt Ion:138 Resp: 432912

Ion Ratio Lower Upper

138 100

108 10.2 8.1 12.1

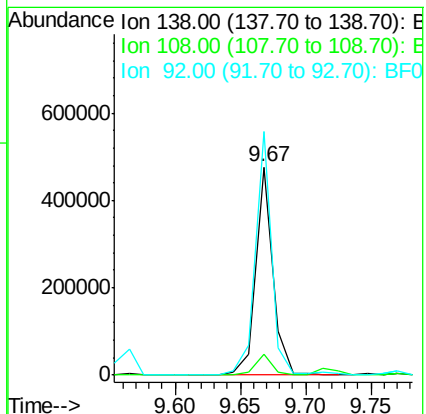
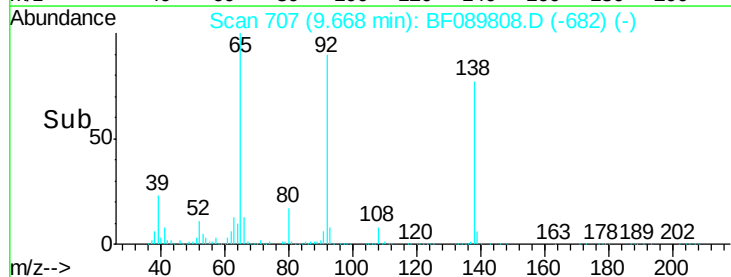
92 117.2 92.7 139.1

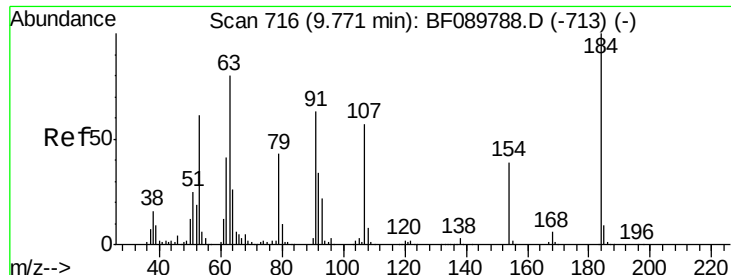


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

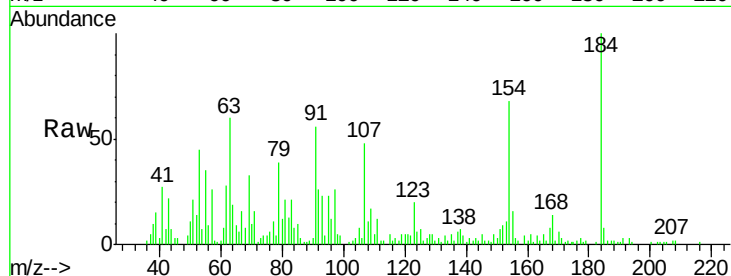




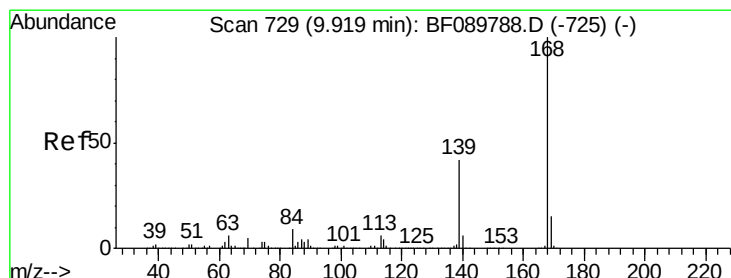
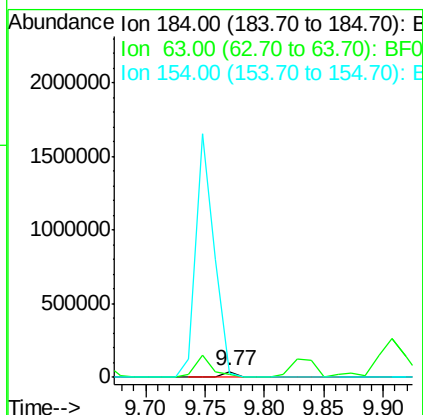
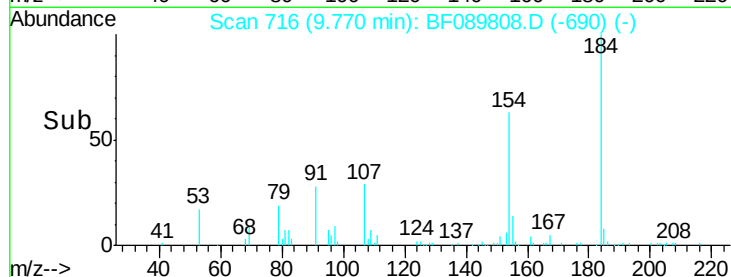
#53
 2,4-Dinitrophenol
 Concen: 9.02 ng
 RT: 9.77 min Scan# 716
 Delta R.T. 0.00 min
 Lab File: BF089808.D
 Acq: 19 Aug 2016 20:53

Instrument :
 BNA_F
 ClientSampleId :
 I-3MS

Tgt Ion:184 Resp: 35195
 Ion Ratio Lower Upper
 184 100
 63 60.0 54.2 81.4
 154 67.7 52.7 79.1

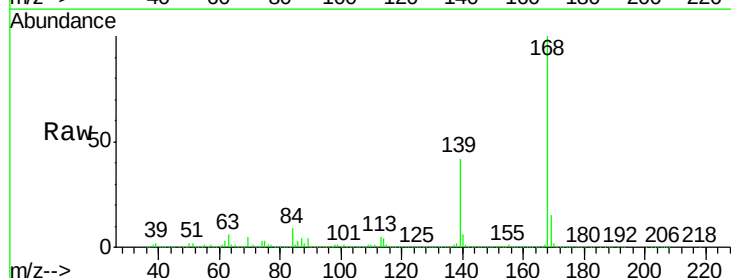


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

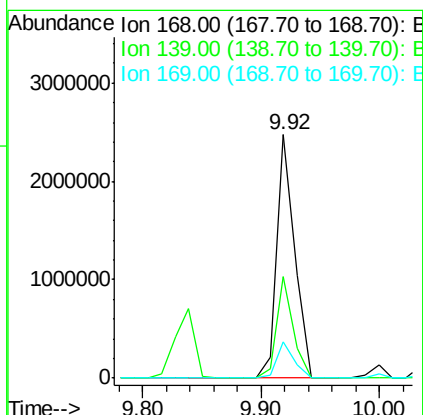
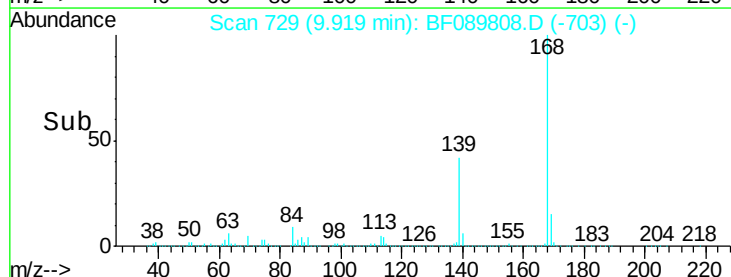


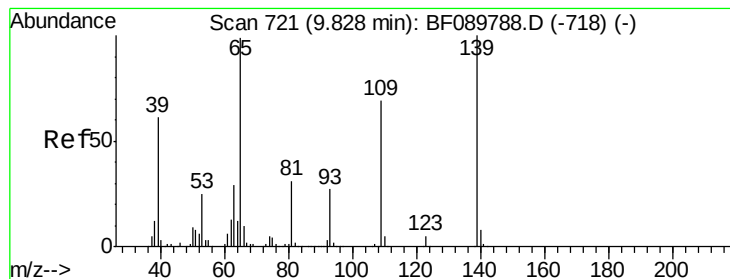
#54
 Dibenzofuran
 Concen: 40.69 ng
 RT: 9.92 min Scan# 729
 Delta R.T. -0.00 min
 Lab File: BF089808.D
 Acq: 19 Aug 2016 20:53

Tgt Ion:168 Resp: 2568414
 Ion Ratio Lower Upper
 168 100
 139 41.8 34.6 52.0
 169 15.0 11.5 17.3



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: 68.54 ng

RT: 9.84 min Scan# 722

Delta R.T. 0.01 min

Lab File: BF089808.D

Acq: 19 Aug 2016 20:53

Instrument :

BNA_F

ClientSampled :

I-3MS

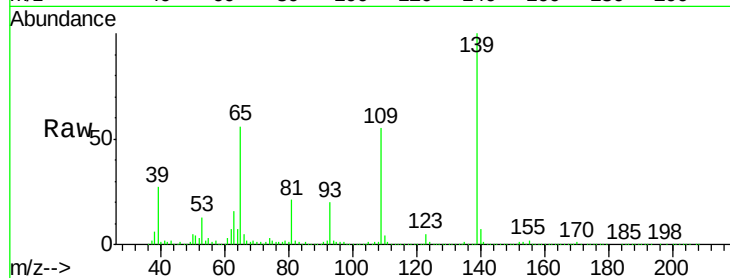
Tgt Ion:139 Resp: 832383

Ion Ratio Lower Upper

139 100

109 54.7 43.0 83.0

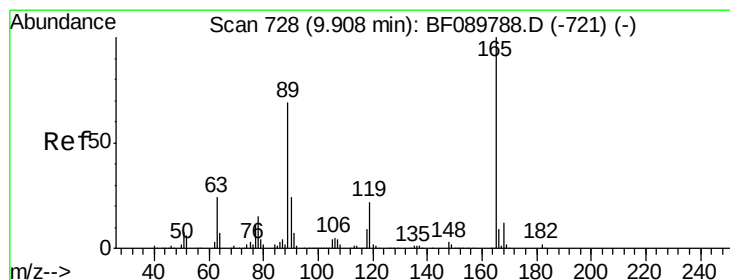
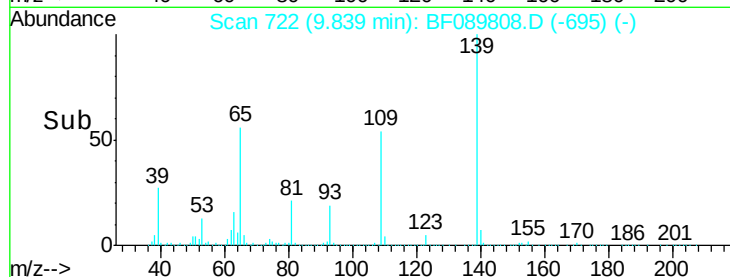
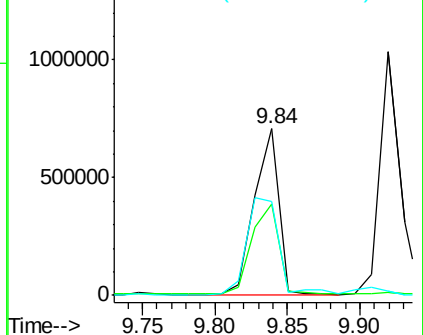
65 56.0 55.7 95.7



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 43.85 ng

RT: 9.91 min Scan# 728

Delta R.T. 0.00 min

Lab File: BF089808.D

Acq: 19 Aug 2016 20:53

Tgt Ion:165 Resp: 764043

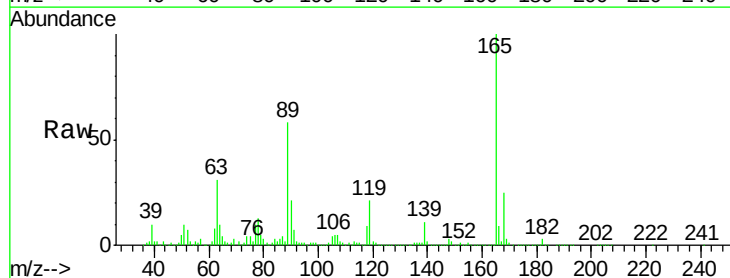
Ion Ratio Lower Upper

165 100

63 30.9 23.7 35.5

89 58.5 44.0 66.0

182 2.9 2.0 3.0

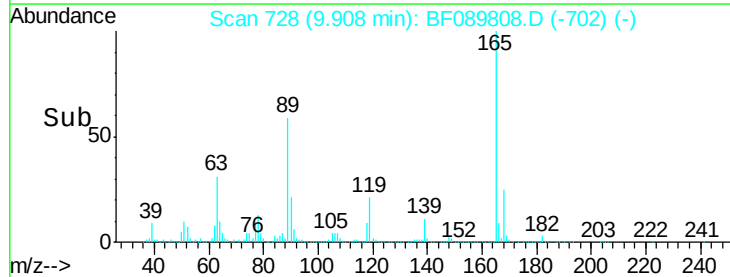
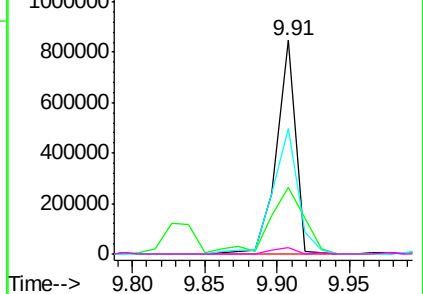


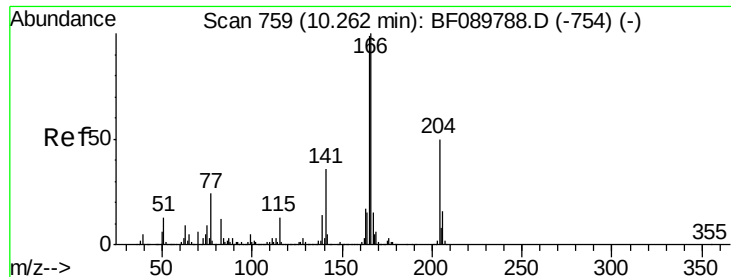
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E

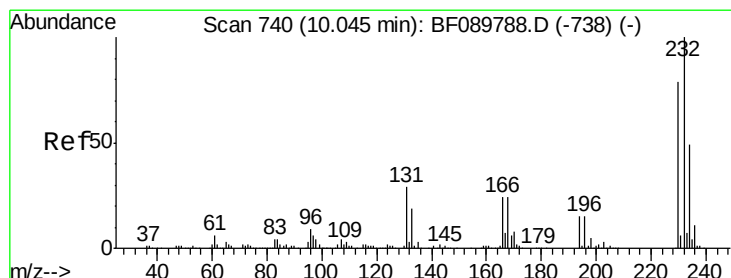
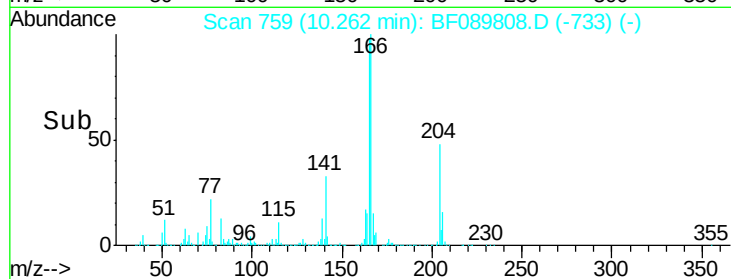
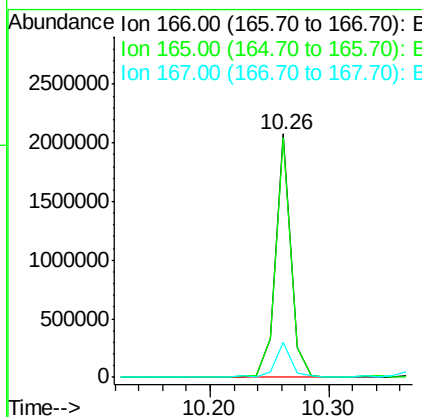
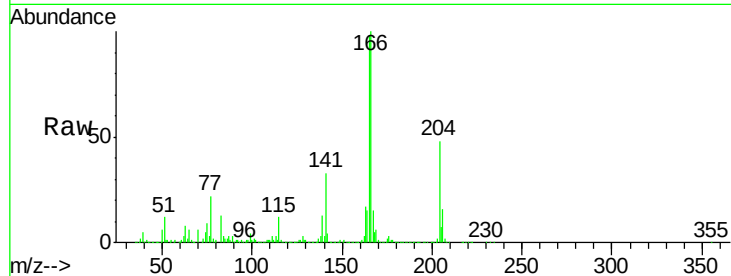




#57
 Fluorene
 Concen: 36.89 ng
 RT: 10.26 min Scan# 759
 Delta R.T. -0.00 min
 Lab File: BF089808.D
 Acq: 19 Aug 2016 20:53

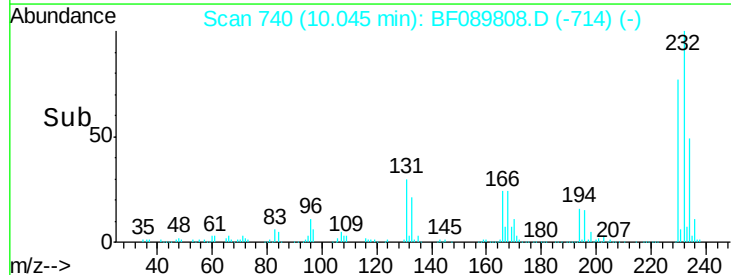
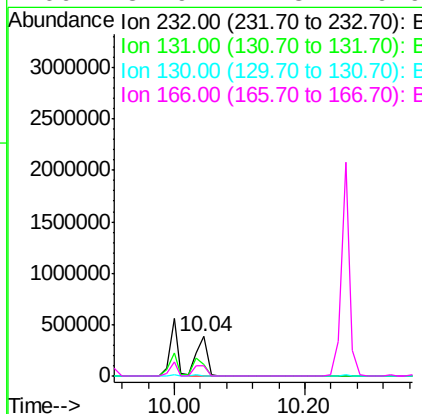
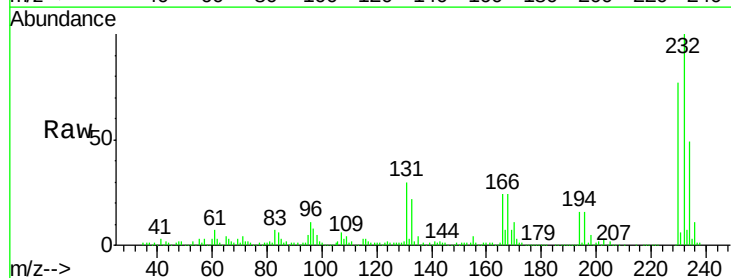
Instrument :
 BNA_F
 ClientSampleId :
 I-3MS

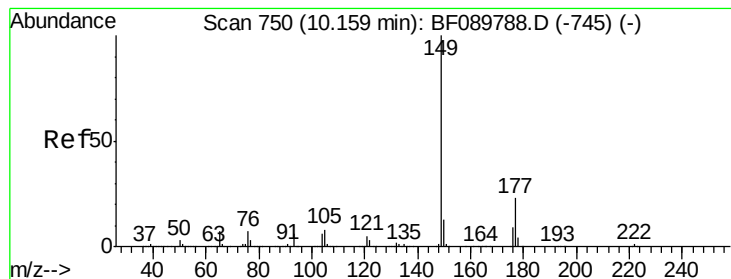
Tgt Ion:166 Resp: 1855743
 Ion Ratio Lower Upper
 166 100
 165 98.5 80.2 120.4
 167 14.6 11.3 16.9



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 35.71 ng
 RT: 10.04 min Scan# 740
 Delta R.T. -0.00 min
 Lab File: BF089808.D
 Acq: 19 Aug 2016 20:53

Tgt Ion:232 Resp: 435087
 Ion Ratio Lower Upper
 232 100
 131 47.5 42.5 63.7
 130 2.3 2.2 3.4
 166 31.9 27.3 40.9





#59

Diethylphthalate

Concen: 39.73 ng

RT: 10.16 min Scan# 750

Delta R.T. -0.00 min

Lab File: BF089808.D

Acq: 19 Aug 2016 20:53

Instrument :

BNA_F

ClientSampleId :

I-3MS

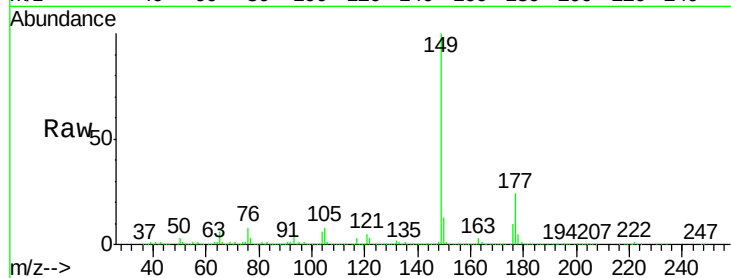
Tgt Ion:149 Resp: 2347821

Ion Ratio Lower Upper

149 100

177 24.1 16.6 25.0

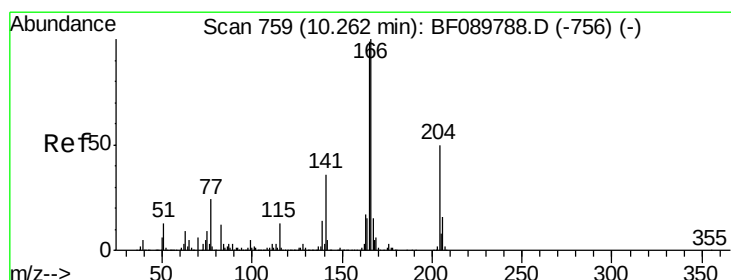
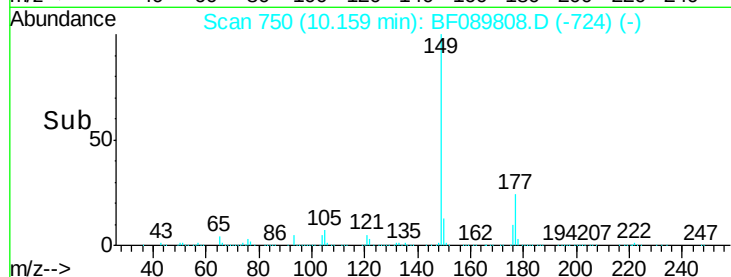
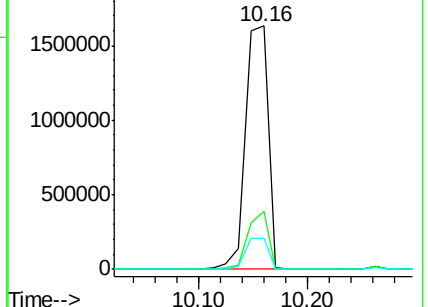
150 12.5 10.5 15.7



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: 37.40 ng

RT: 10.26 min Scan# 759

Delta R.T. -0.00 min

Lab File: BF089808.D

Acq: 19 Aug 2016 20:53

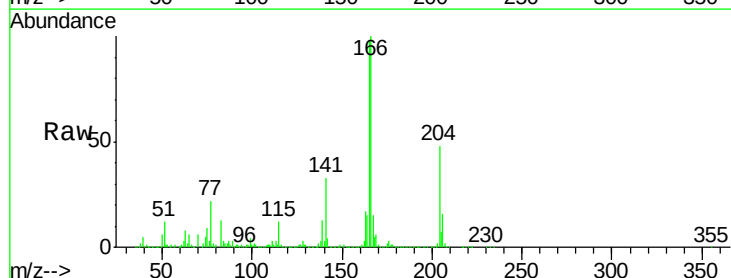
Tgt Ion:204 Resp: 858157

Ion Ratio Lower Upper

204 100

206 33.3 26.5 39.7

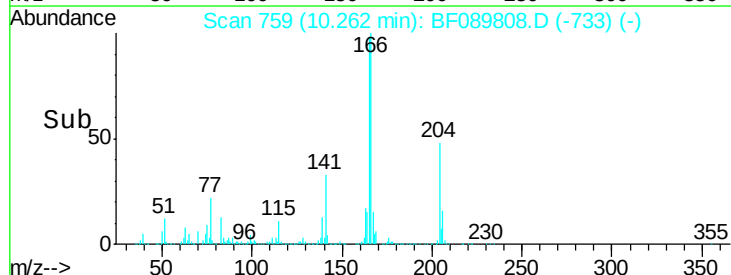
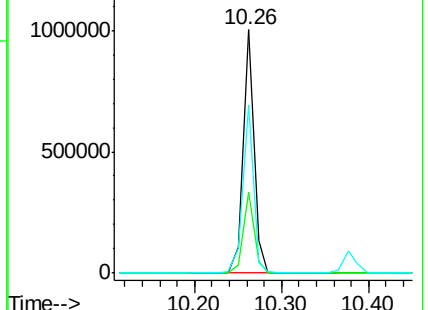
141 69.2 54.1 81.1

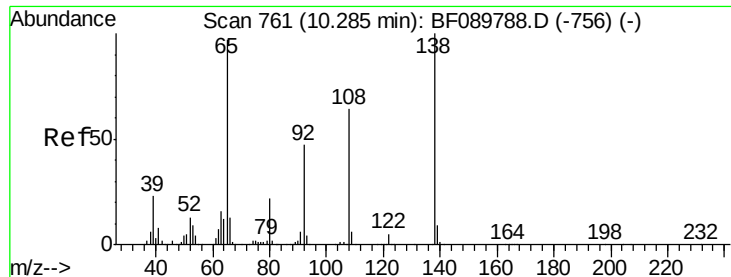


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

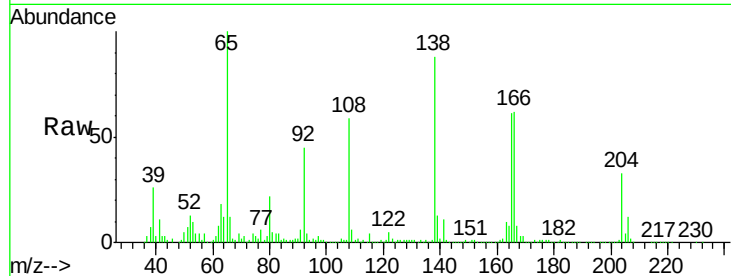




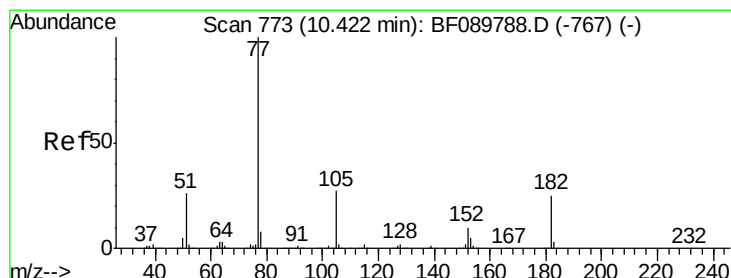
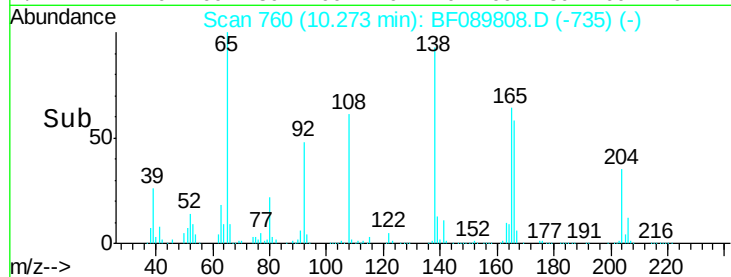
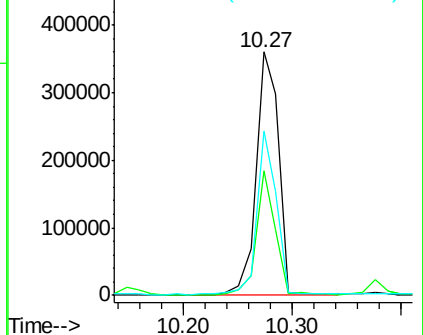
#61
4-Nitroaniline
Concen: 36.71 ng
RT: 10.27 min Scan# 760
Delta R.T. -0.01 min
Lab File: BF089808.D
Acq: 19 Aug 2016 20:53

Instrument :
BNA_F
ClientSampled :
I-3MS

Tgt Ion: 138 Resp: 512093
Ion Ratio Lower Upper
138 100
92 51.4 26.4 66.4
108 67.3 47.0 87.0

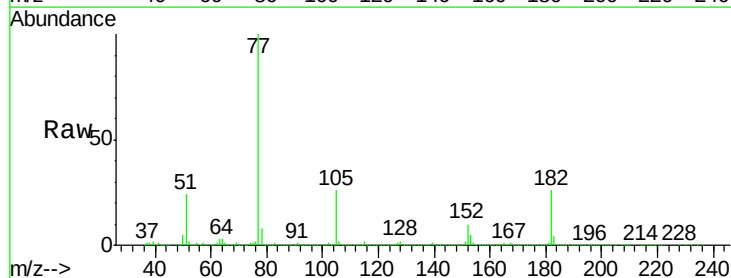


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

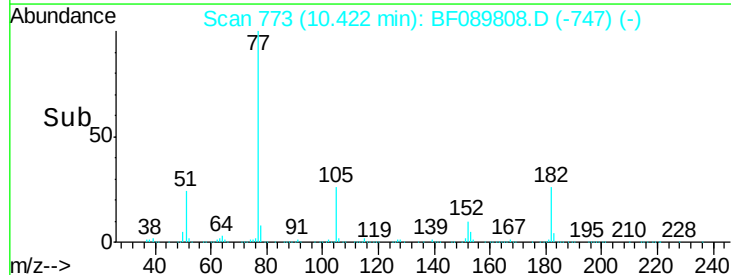
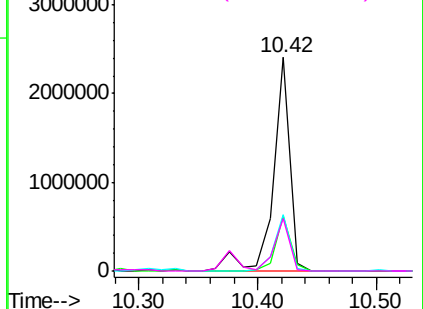


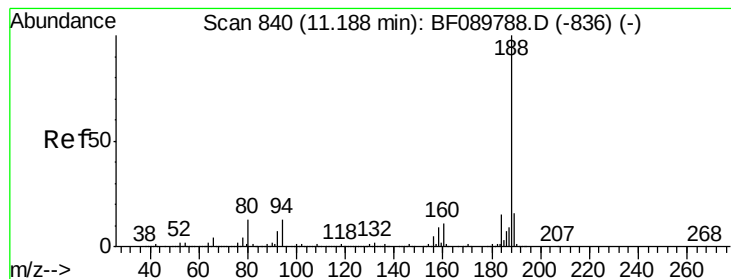
#62
Azobenzene
Concen: 42.11 ng
RT: 10.42 min Scan# 773
Delta R.T. -0.00 min
Lab File: BF089808.D
Acq: 19 Aug 2016 20:53

Tgt Ion: 77 Resp: 2339371
Ion Ratio Lower Upper
77 100
182 25.6 5.6 45.6
105 26.5 4.0 44.0
51 24.5 7.8 47.8



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: 11.19 min Scan# 840

Delta R.T. -0.00 min

Lab File: BF089808.D

Acq: 19 Aug 2016 20:53

Instrument :

BNA_F

ClientSampled :

I-3MS

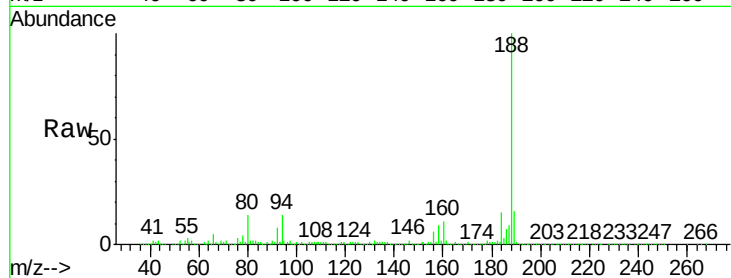
Tgt Ion:188 Resp: 1269571

Ion Ratio Lower Upper

188 100

94 13.6 10.2 15.2

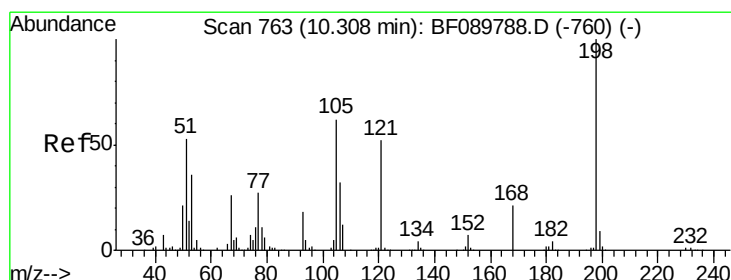
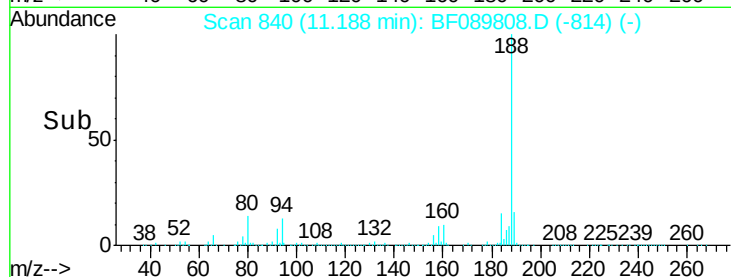
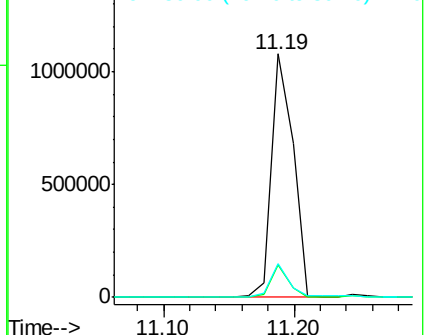
80 13.9 10.9 16.3



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 6.43 ng

RT: 10.31 min Scan# 763

Delta R.T. 0.00 min

Lab File: BF089808.D

Acq: 19 Aug 2016 20:53

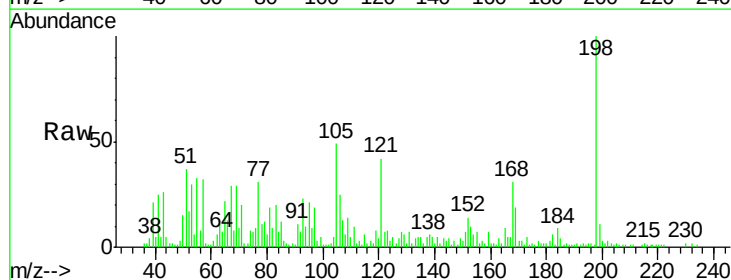
Tgt Ion:198 Resp: 46930

Ion Ratio Lower Upper

198 100

51 37.0 32.3 72.3

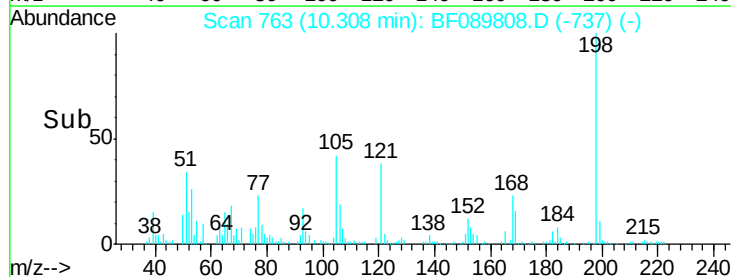
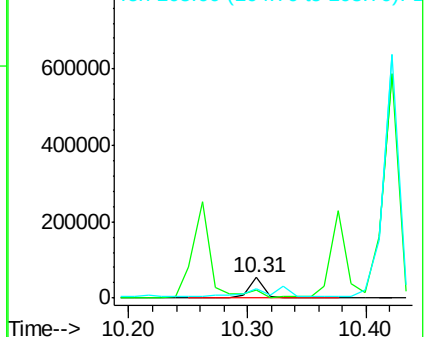
105 48.8 32.9 72.9

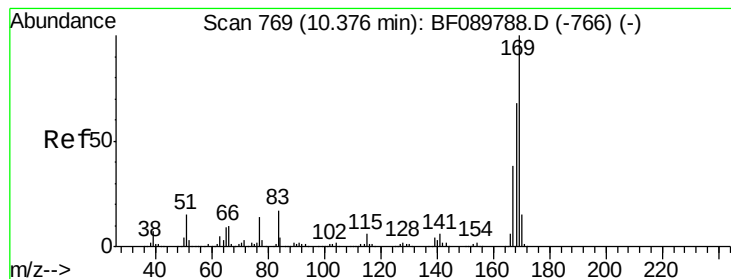


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E

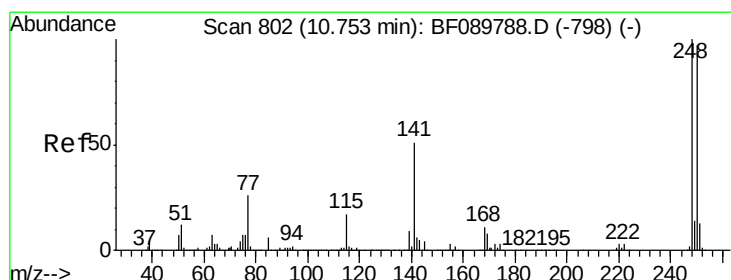
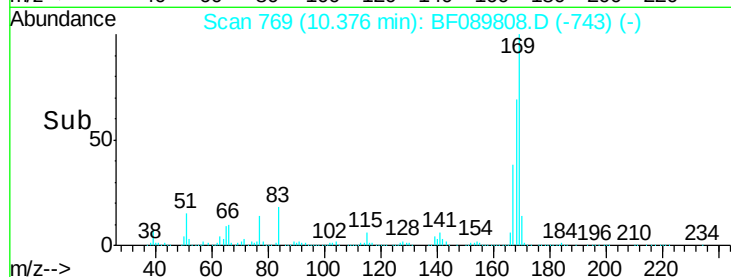
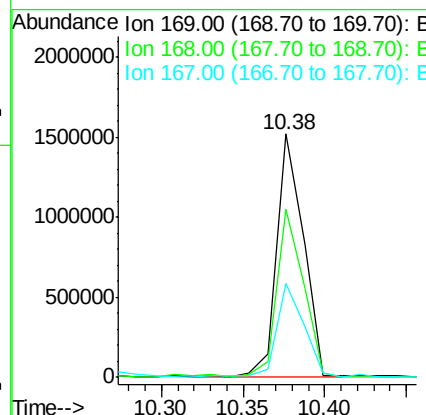
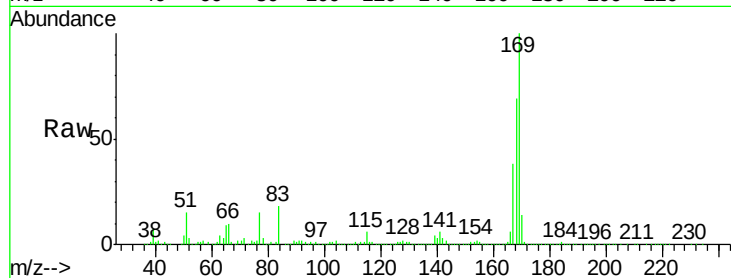




#65
 n-Nitrosodiphenylamine
 Concen: 43.73 ng
 RT: 10.38 min Scan# 769
 Delta R.T. -0.00 min
 Lab File: BF089808.D
 Acq: 19 Aug 2016 20:53

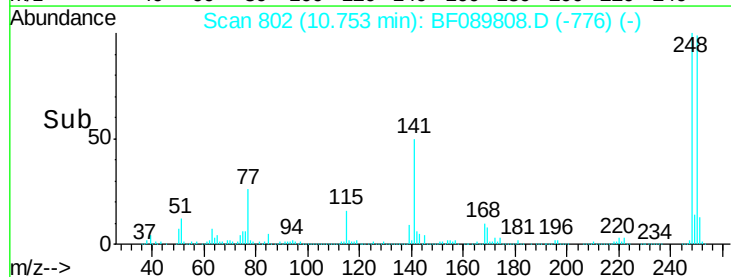
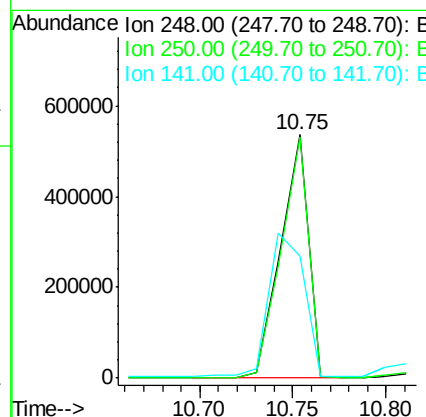
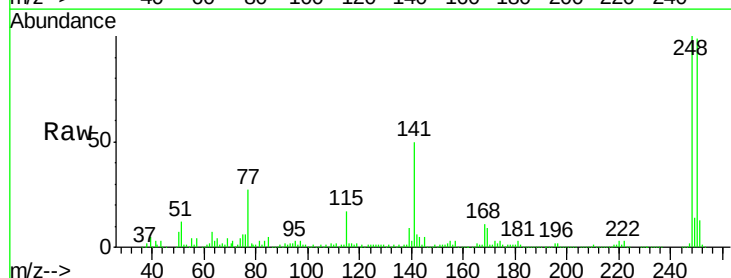
Instrument :
 BNA_F
 ClientSampleId :
 I-3MS

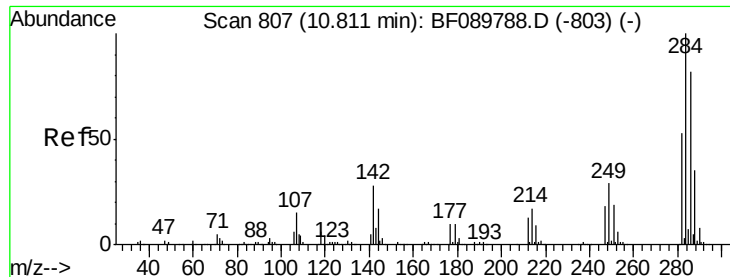
Tgt Ion:169 Resp: 1745823
 Ion Ratio Lower Upper
 169 100
 168 68.8 54.6 82.0
 167 38.3 30.6 45.8



#66
 4-Bromophenyl-phenylether
 Concen: 41.92 ng
 RT: 10.75 min Scan# 802
 Delta R.T. -0.00 min
 Lab File: BF089808.D
 Acq: 19 Aug 2016 20:53

Tgt Ion:248 Resp: 557992
 Ion Ratio Lower Upper
 248 100
 250 99.1 78.6 117.8
 141 50.3 31.4 47.2#

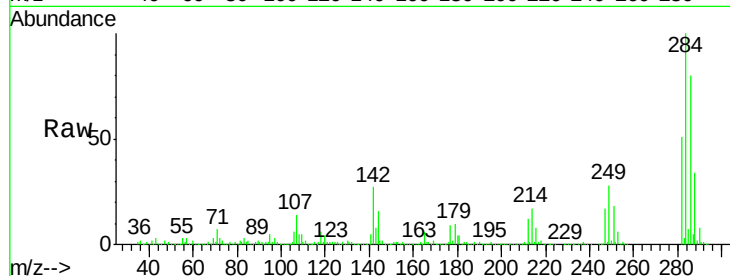




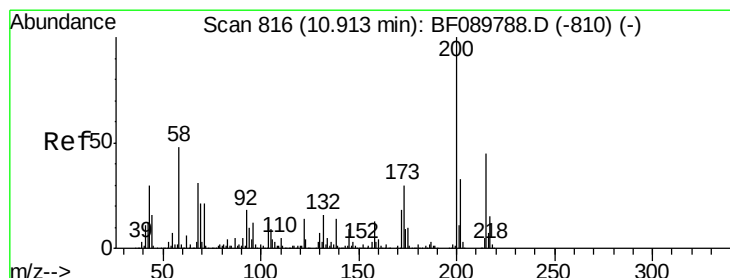
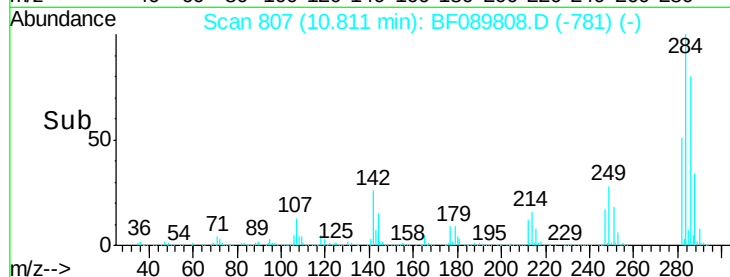
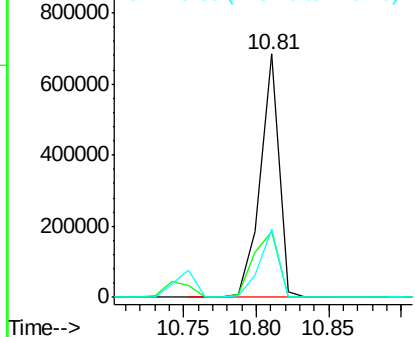
#67
Hexachlorobenzene
Concen: 40.35 ng
RT: 10.81 min Scan# 807
Delta R.T. -0.00 min
Lab File: BF089808.D
Acq: 19 Aug 2016 20:53

Instrument :
BNA_F
ClientSampleId :
I-3MS

Tgt Ion:284 Resp: 612767
Ion Ratio Lower Upper
284 100
142 26.8 17.4 26.2#
249 27.9 22.8 34.2

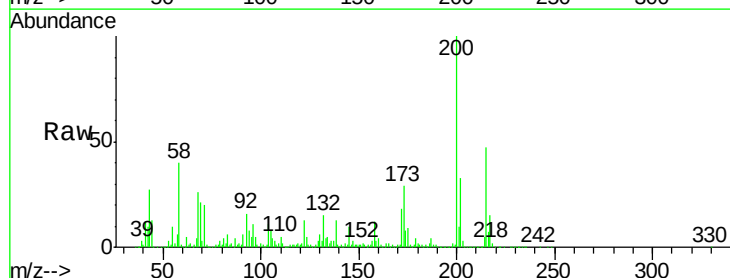


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

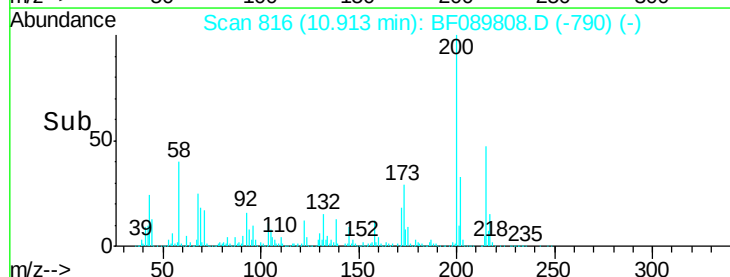
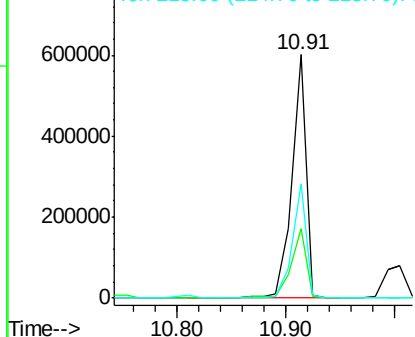


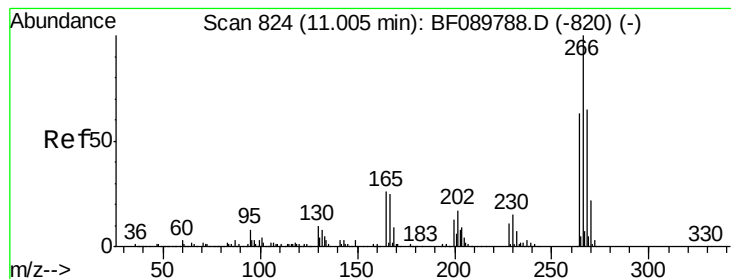
#68
Atrazine
Concen: 44.87 ng
RT: 10.91 min Scan# 816
Delta R.T. -0.00 min
Lab File: BF089808.D
Acq: 19 Aug 2016 20:53

Tgt Ion:200 Resp: 548571
Ion Ratio Lower Upper
200 100
173 28.8 6.6 46.6
215 46.8 24.7 64.7



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: 69.34 ng

RT: 11.00 min Scan# 824

Delta R.T. -0.00 min

Lab File: BF089808.D

Acq: 19 Aug 2016 20:53

Instrument :

BNA_F

ClientSampleId :

I-3MS

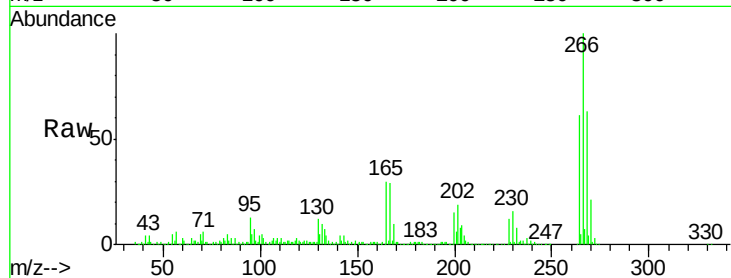
Tgt Ion:266 Resp: 596802

Ion Ratio Lower Upper

266 100

268 63.3 53.2 79.8

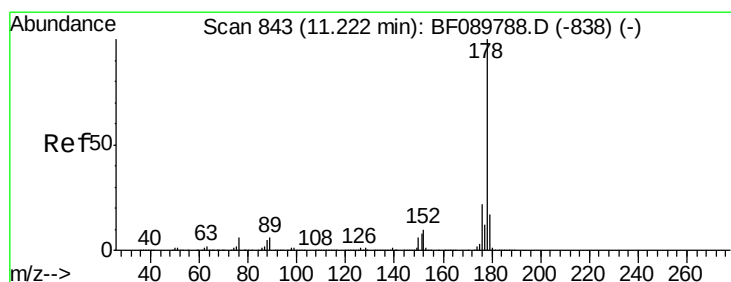
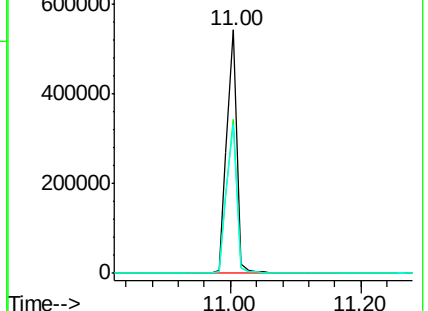
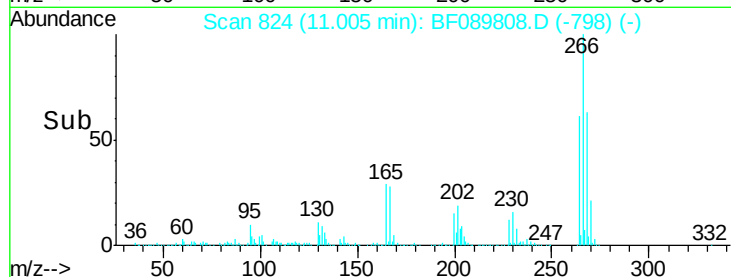
264 61.0 51.1 76.7



Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70

Phenanthrene

Concen: 42.08 ng

RT: 11.22 min Scan# 843

Delta R.T. -0.00 min

Lab File: BF089808.D

Acq: 19 Aug 2016 20:53

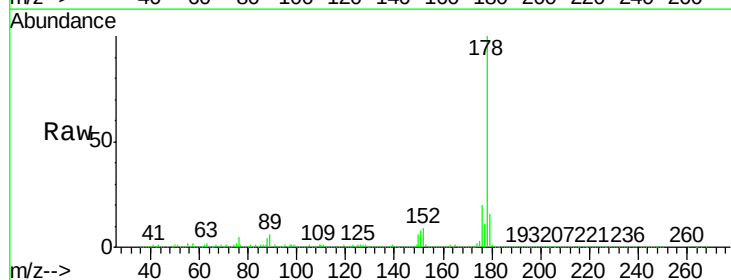
Tgt Ion:178 Resp: 2698480

Ion Ratio Lower Upper

178 100

176 20.1 16.4 24.6

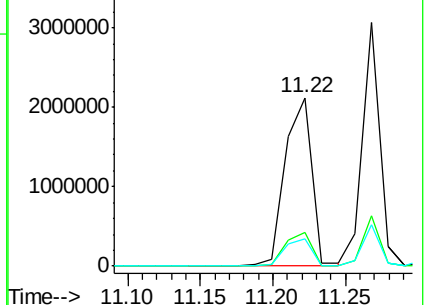
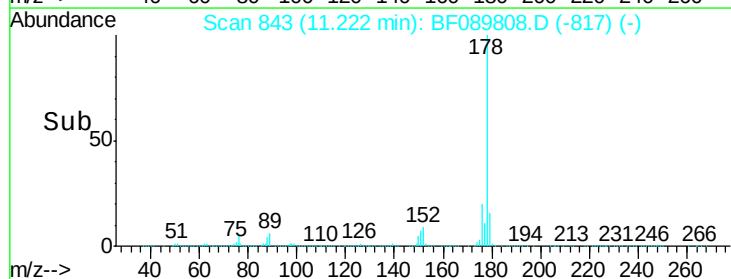
179 16.0 12.5 18.7

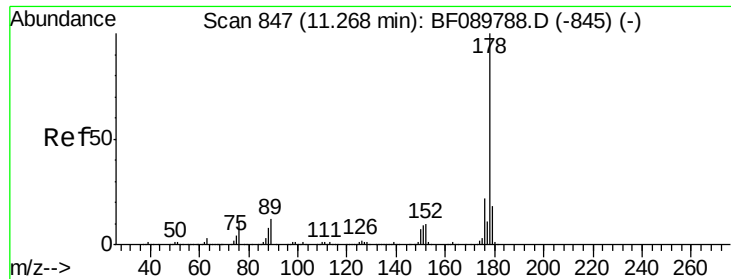


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

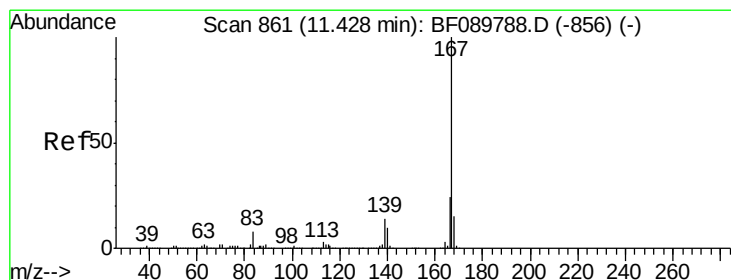
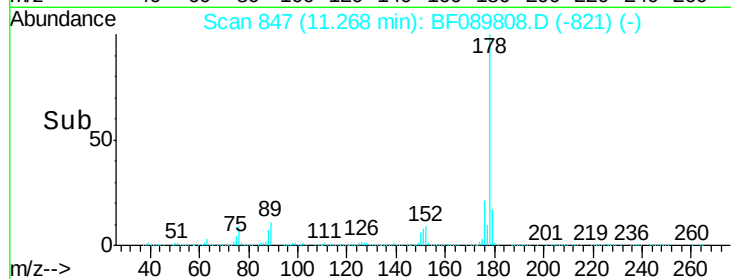
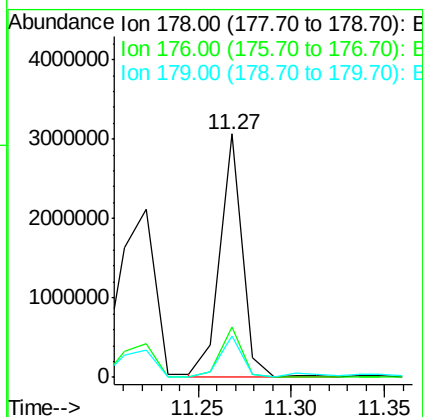
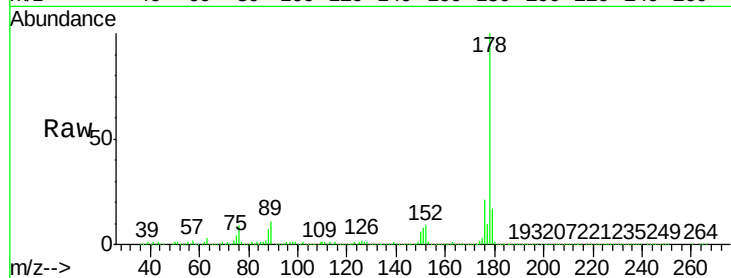




#71
 Anthracene
 Concen: 39.20 ng
 RT: 11.27 min Scan# 847
 Delta R.T. -0.00 min
 Lab File: BF089808.D
 Acq: 19 Aug 2016 20:53

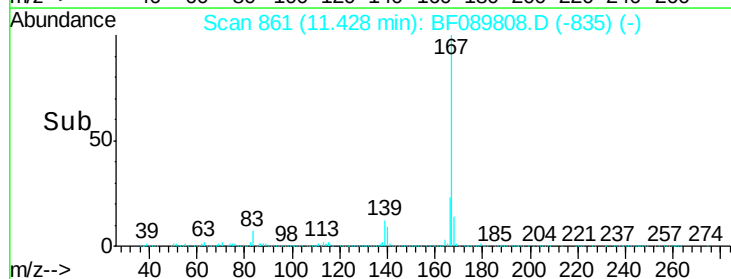
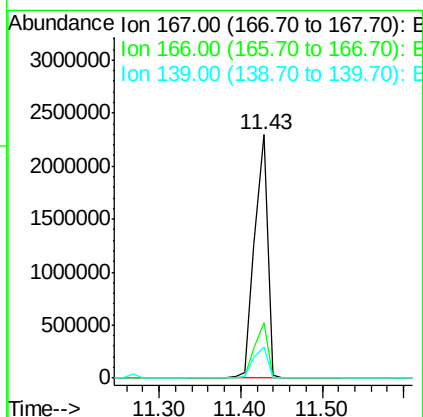
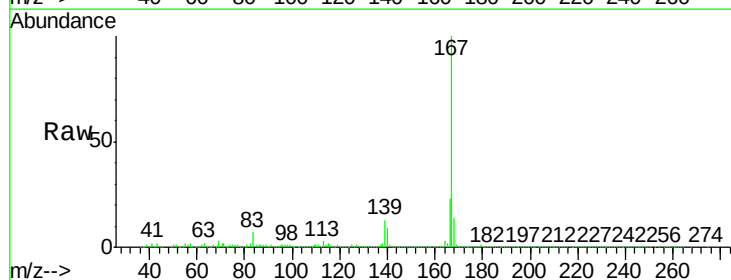
Instrument :
 BNA_F
 ClientSampleId :
 I-3MS

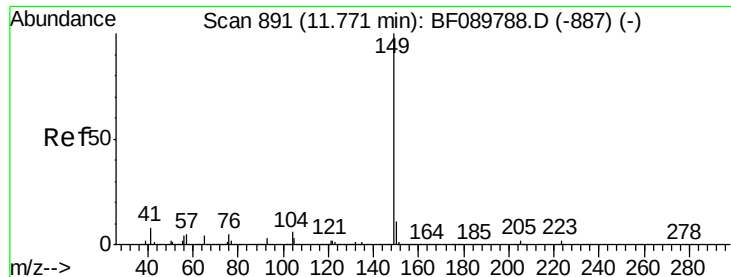
Tgt Ion:178 Resp: 2555438
 Ion Ratio Lower Upper
 178 100
 176 20.8 16.4 24.6
 179 17.1 13.1 19.7



#72
 Carbazole
 Concen: 43.07 ng
 RT: 11.43 min Scan# 861
 Delta R.T. -0.00 min
 Lab File: BF089808.D
 Acq: 19 Aug 2016 20:53

Tgt Ion:167 Resp: 2518101
 Ion Ratio Lower Upper
 167 100
 166 23.0 17.9 26.9
 139 12.5 12.4 18.6

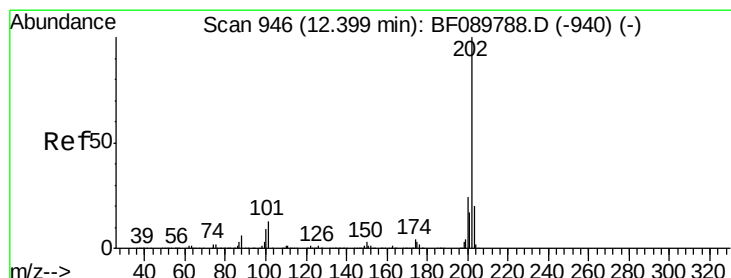
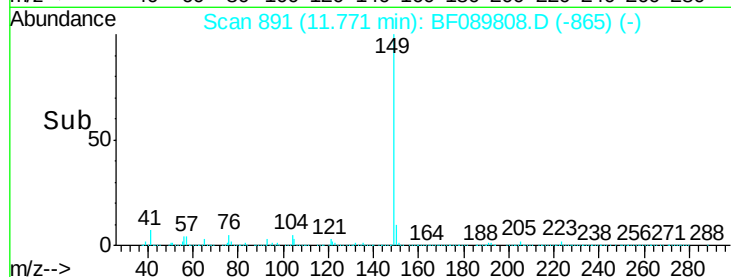
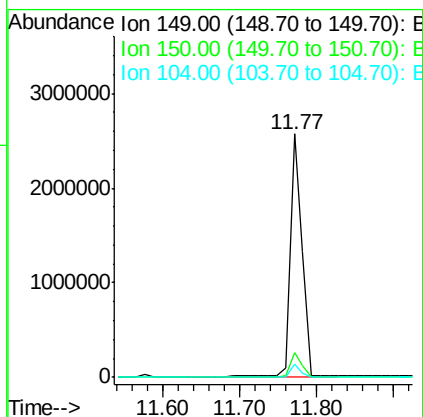
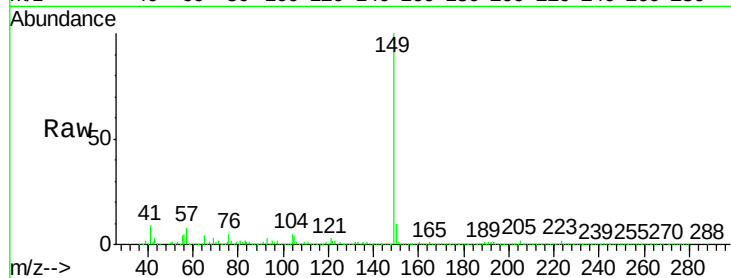




#73
Di-n-butylphthalate
Concen: 38.35 ng
RT: 11.77 min Scan# 891
Delta R.T. -0.00 min
Lab File: BF089808.D
Acq: 19 Aug 2016 20:53

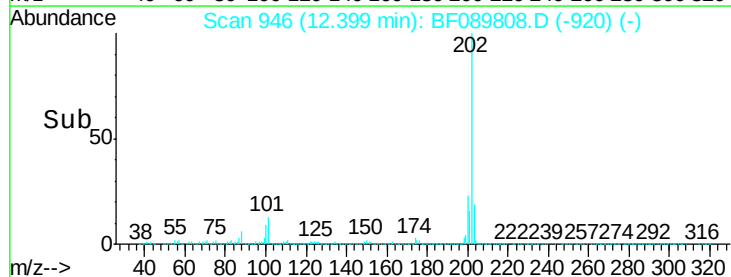
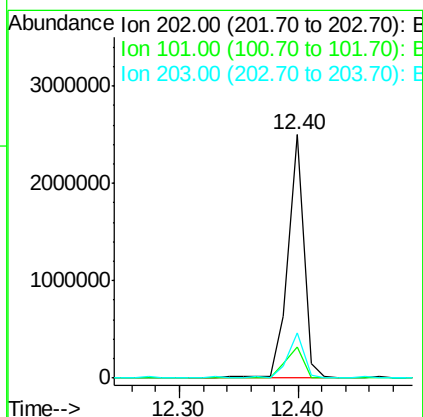
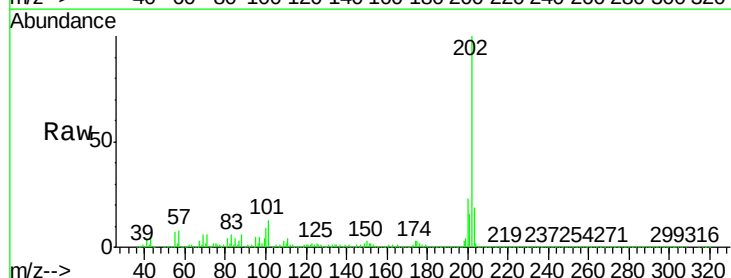
Instrument :
BNA_F
ClientSampleId :

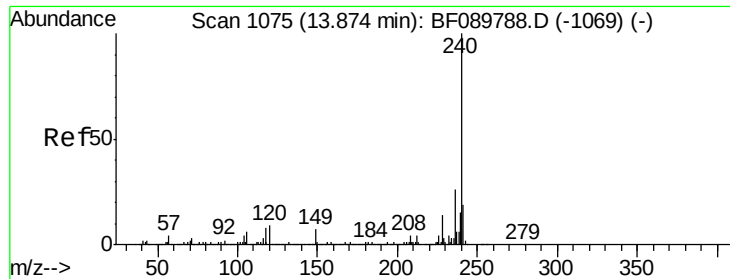
Tgt Ion:149 Resp: 2805005
Ion Ratio Lower Upper
149 100
150 10.3 7.9 11.9
104 5.4 4.3 6.5



#74
Fluoranthene
Concen: 37.61 ng
RT: 12.40 min Scan# 946
Delta R.T. -0.00 min
Lab File: BF089808.D
Acq: 19 Aug 2016 20:53

Tgt Ion:202 Resp: 2293984
Ion Ratio Lower Upper
202 100
101 12.6 0.0 31.2
203 18.7 0.0 38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.84 min Scan# 1072

Delta R.T. -0.03 min

Lab File: BF089808.D

Acq: 19 Aug 2016 20:53

Instrument :

BNA_F

ClientSampleId :

I-3MS

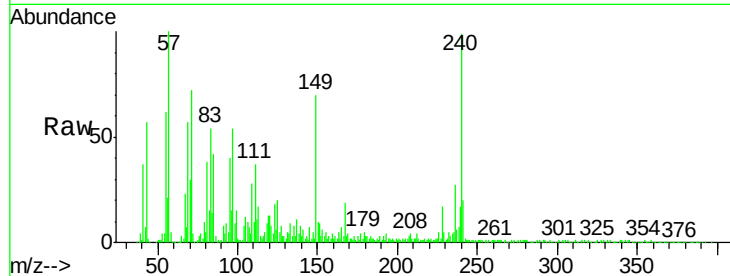
Tgt Ion:240 Resp: 819465

Ion Ratio Lower Upper

240 100

120 13.5 8.3 12.5#

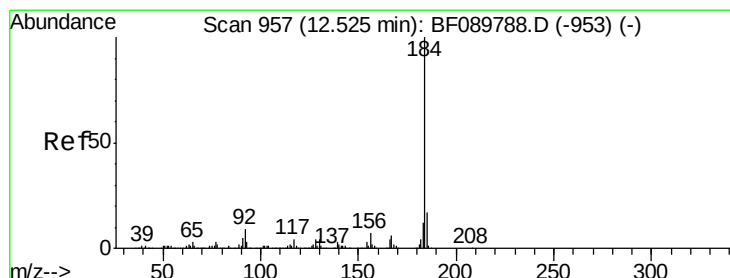
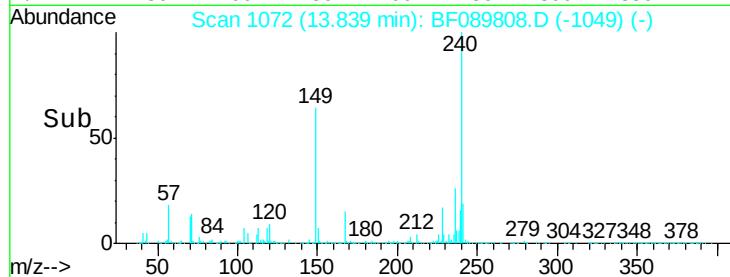
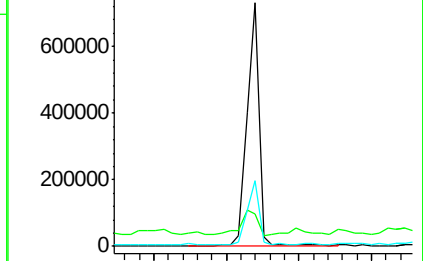
236 26.9 21.3 31.9



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: 22.85 ng

RT: 12.53 min Scan# 957

Delta R.T. -0.00 min

Lab File: BF089808.D

Acq: 19 Aug 2016 20:53

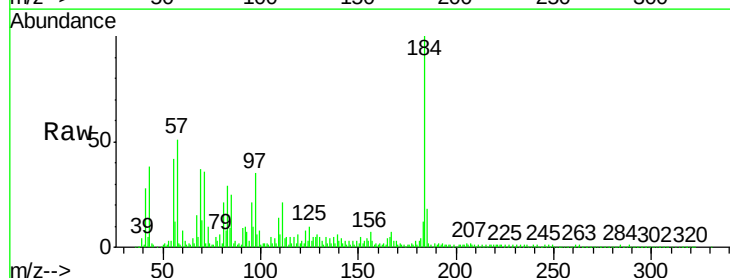
Tgt Ion:184 Resp: 605862

Ion Ratio Lower Upper

184 100

185 17.6 13.8 20.8

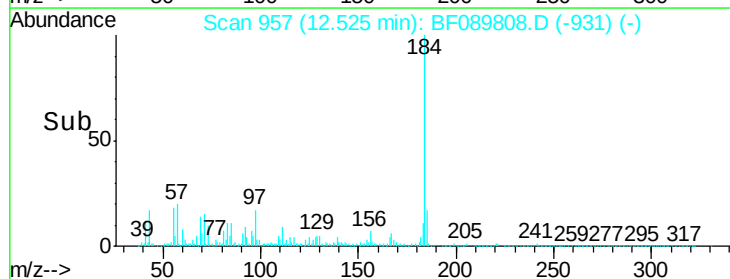
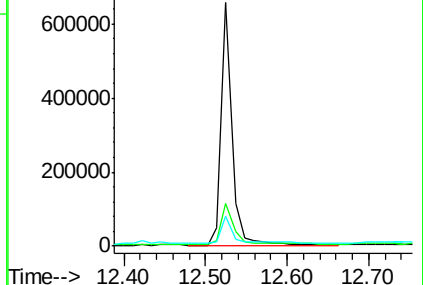
183 12.2 9.7 14.5

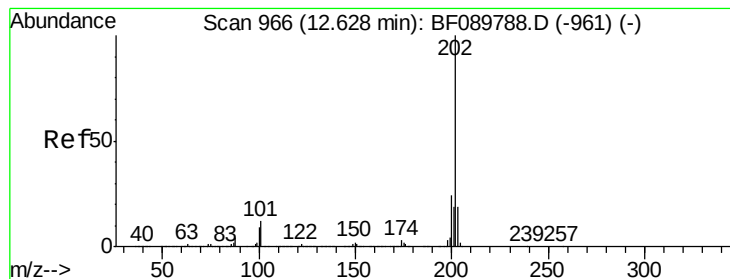


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 35.92 ng

RT: 12.63 min Scan# 966

Delta R.T. -0.00 min

Lab File: BF089808.D

Acq: 19 Aug 2016 20:53

Instrument :

BNA_F

ClientSampleId :

I-3MS

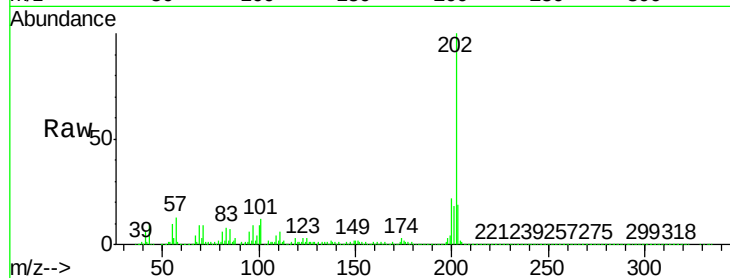
Tgt Ion:202 Resp: 2396652

Ion Ratio Lower Upper

202 100

200 22.4 17.8 26.6

203 18.6 14.2 21.4



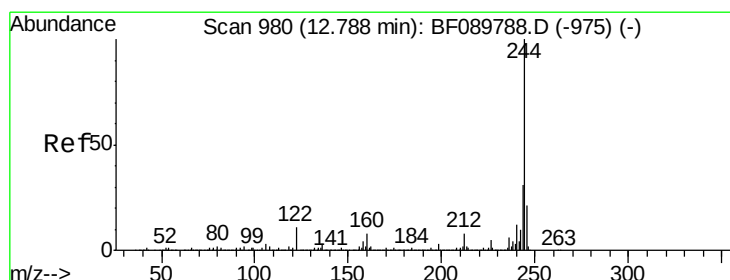
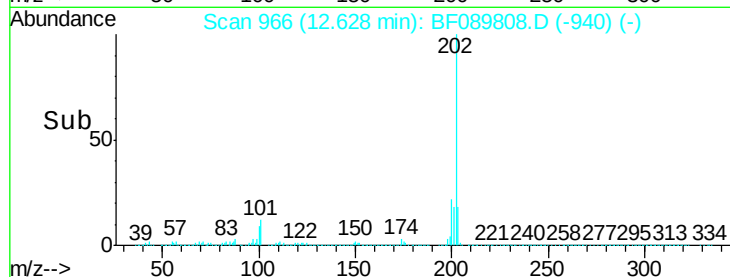
Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

12.63

Time-->



#78

Terphenyl-d14

Concen: 67.28 ng

RT: 12.79 min Scan# 980

Delta R.T. 0.00 min

Lab File: BF089808.D

Acq: 19 Aug 2016 20:53

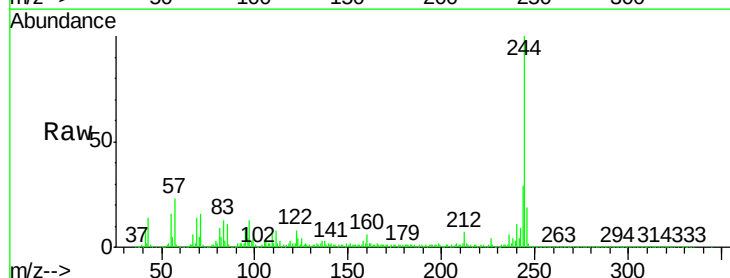
Tgt Ion:244 Resp: 2436911

Ion Ratio Lower Upper

244 100

212 7.1 6.3 9.5

122 8.2 12.0 18.0



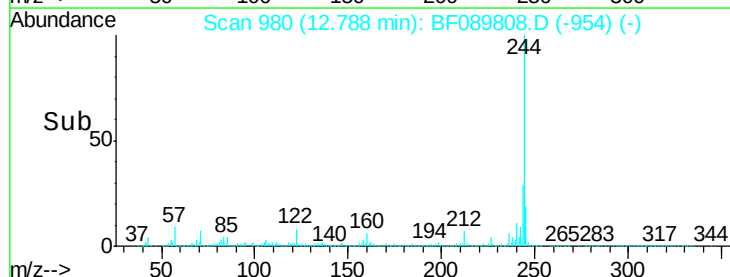
Abundance Ion 244.00 (243.70 to 244.70): E

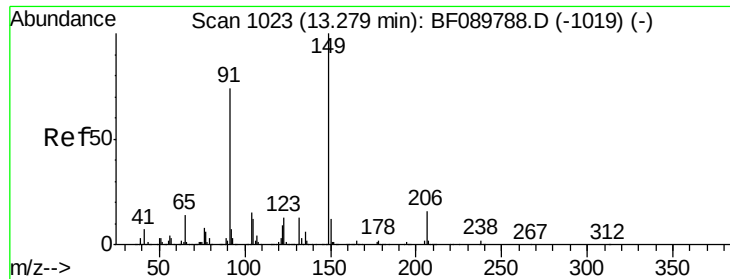
Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

12.79

Time-->

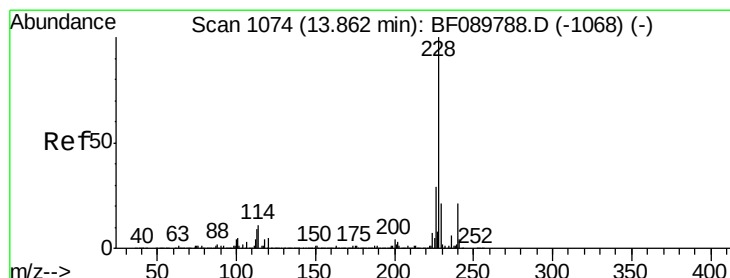
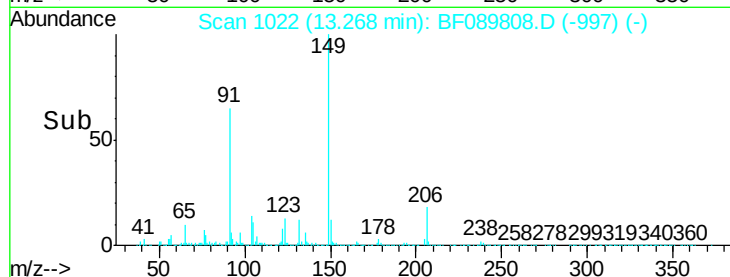
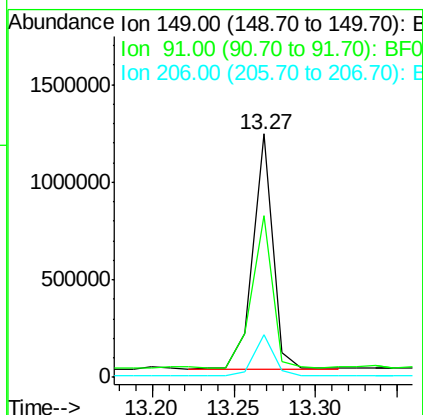
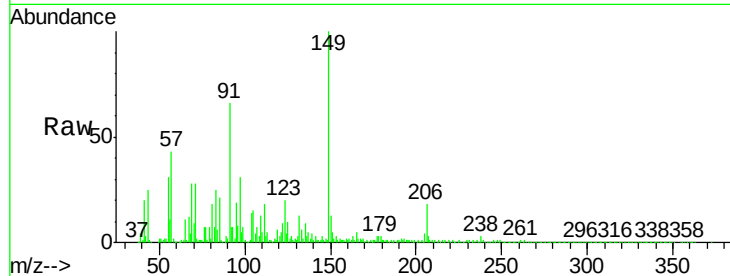




#79
Butylbenzylphthalate
Concen: 33.61 ng
RT: 13.27 min Scan# 1022
Delta R.T. -0.01 min
Lab File: BF089808.D
Acq: 19 Aug 2016 20:53

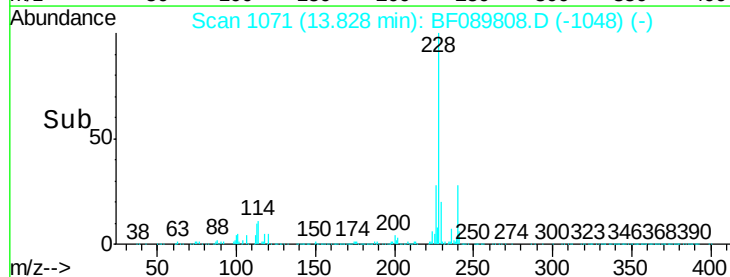
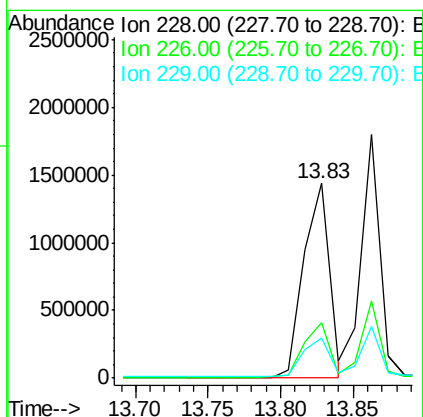
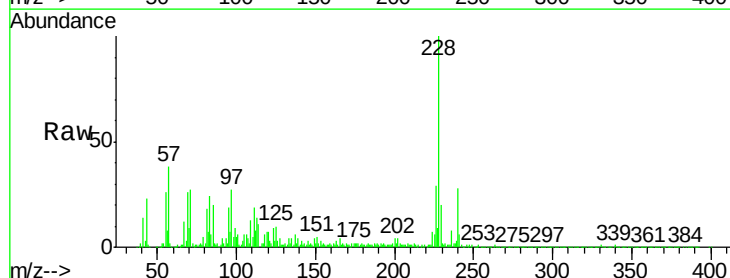
Instrument :
BNA_F
ClientSampleId :
I-3MS

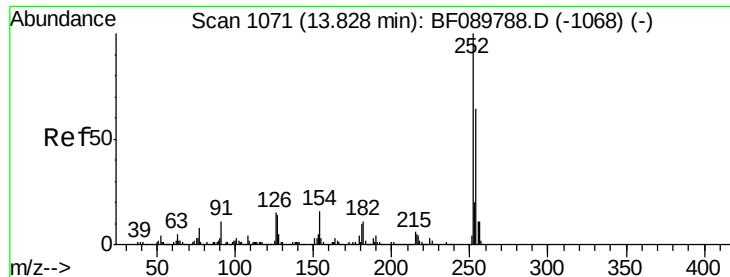
Tgt Ion:149 Resp: 1012913
Ion Ratio Lower Upper
149 100
91 66.2 50.7 76.1
206 17.5 15.5 23.3



#80
Benzo(a)anthracene
Concen: 37.60 ng
RT: 13.83 min Scan# 1071
Delta R.T. -0.03 min
Lab File: BF089808.D
Acq: 19 Aug 2016 20:53

Tgt Ion:228 Resp: 1764591
Ion Ratio Lower Upper
228 100
226 28.6 23.2 34.8
229 20.4 16.2 24.4

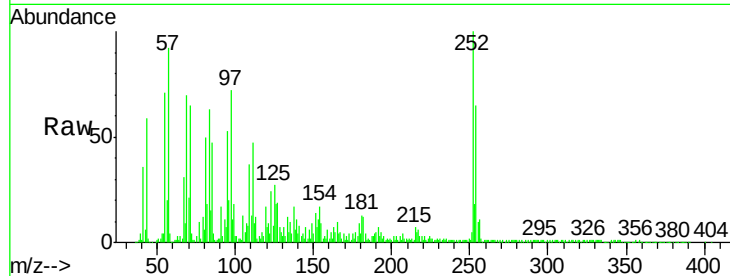




#81
 3,3'-Dichlorobenzidine
 Concen: 33.14 ng
 RT: 13.79 min Scan# 1068
 Delta R.T. -0.03 min
 Lab File: BF089808.D
 Acq: 19 Aug 2016 20:53

Instrument :
 BNA_F
 ClientSampleId :
 I-3MS

Tgt Ion	Ratio	Lower	Upper
252	100		
254	65.0	50.6	75.8
126	17.5	12.6	18.8

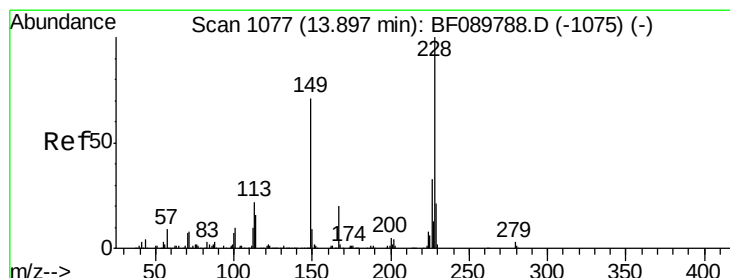
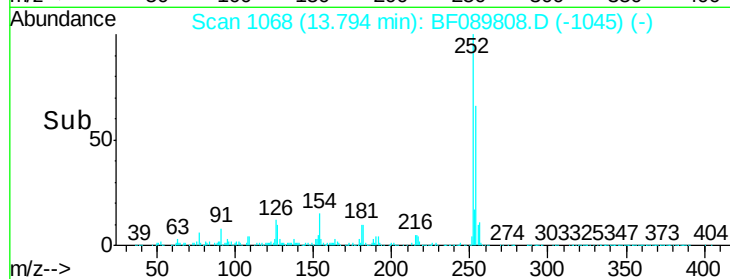
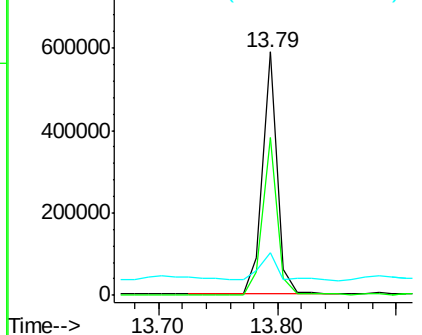


Abundance

Ion 252.00 (251.70 to 252.70): E

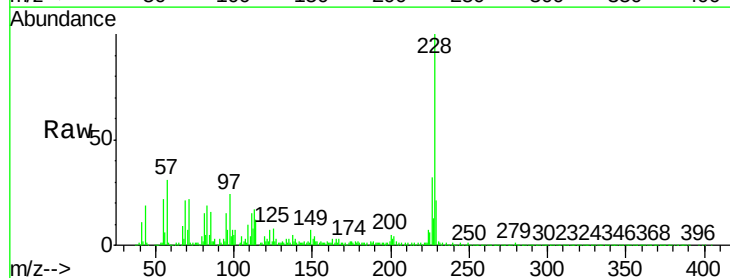
Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



#82
 Chrysene
 Concen: 40.67 ng
 RT: 13.86 min Scan# 1074
 Delta R.T. -0.03 min
 Lab File: BF089808.D
 Acq: 19 Aug 2016 20:53

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.9	25.4	38.0
229	21.1	16.5	24.7

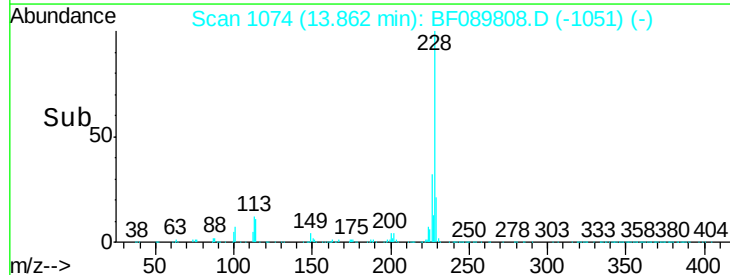
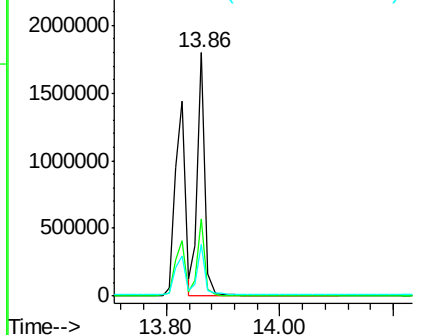


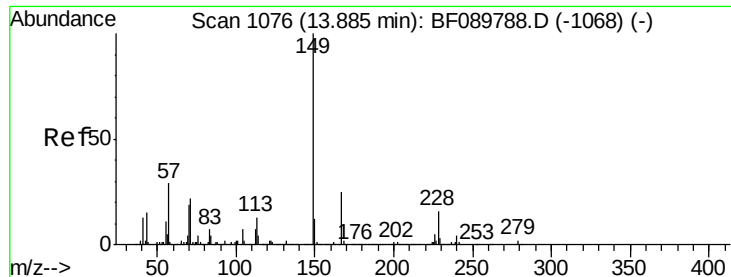
Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 33.43 ng

RT: 13.85 min Scan# 1073

Delta R.T. -0.03 min

Lab File: BF089808.D

Acq: 19 Aug 2016 20:53

Instrument :

BNA_F

ClientSampleId :

I-3MS

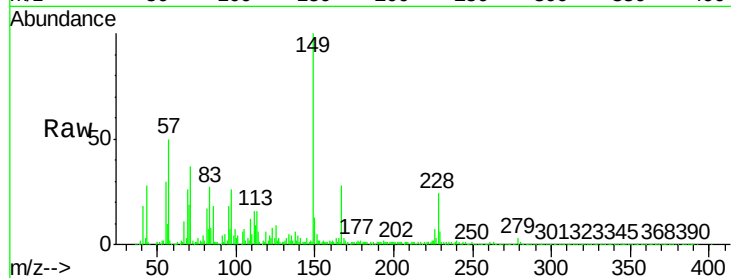
Tgt Ion:149 Resp: 1388055

Ion Ratio Lower Upper

149 100

167 28.1 21.2 31.8

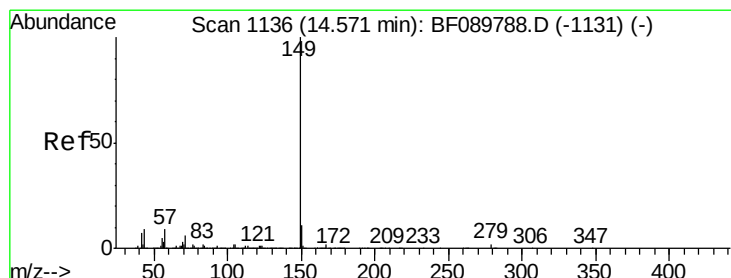
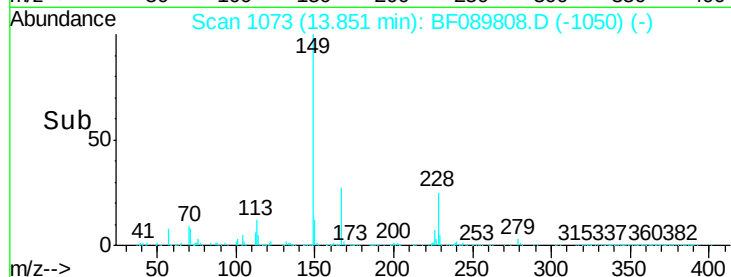
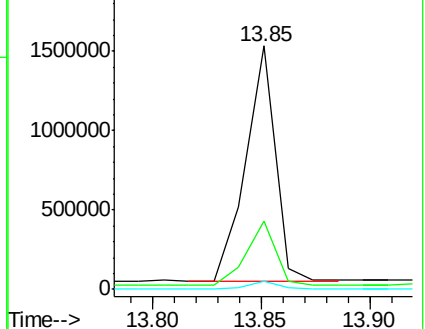
279 3.4 2.9 4.3



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 41.18 ng

RT: 14.49 min Scan# 1129

Delta R.T. -0.08 min

Lab File: BF089808.D

Acq: 19 Aug 2016 20:53

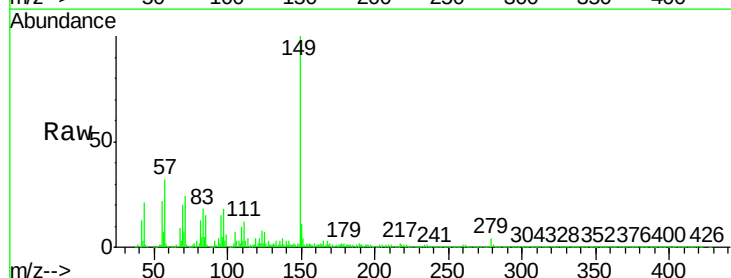
Tgt Ion:149 Resp: 2271912

Ion Ratio Lower Upper

149 100

167 1.7 1.2 1.8

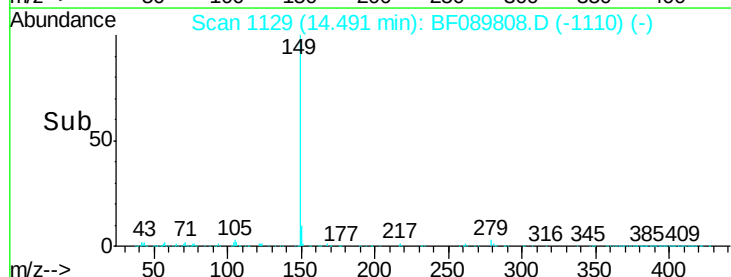
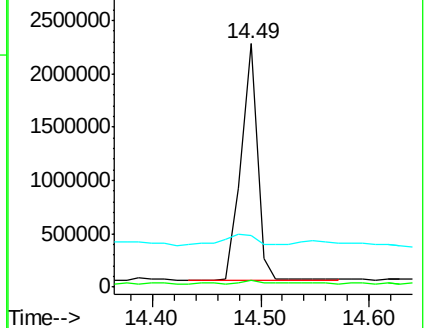
43 10.5 8.4 12.6

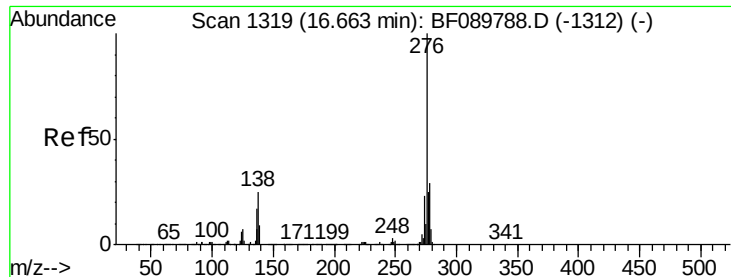


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

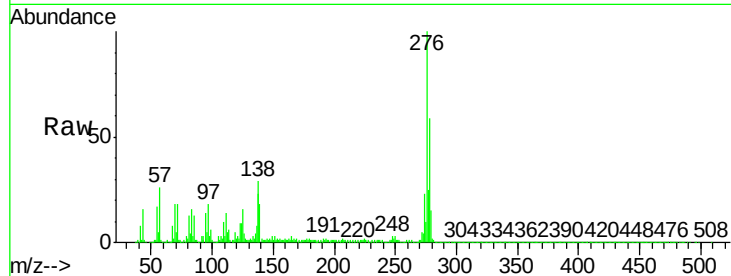




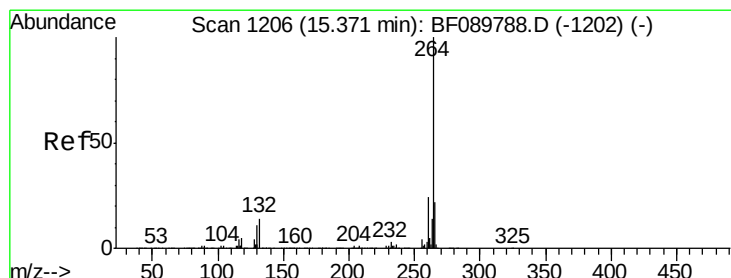
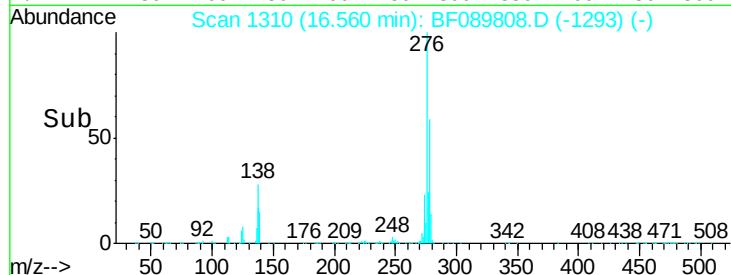
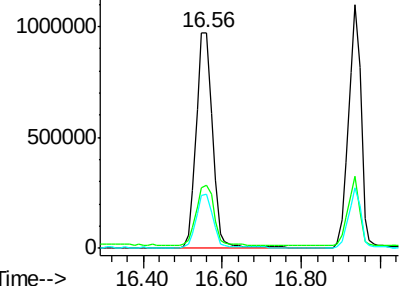
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 53.21 ng
 RT: 16.56 min Scan# 1310
 Delta R.T. -0.10 min
 Lab File: BF089808.D
 Acq: 19 Aug 2016 20:53

Instrument :
 BNA_F
 ClientSampled :
 I-3MS

Tgt Ion: 276 Resp: 2731081
 Ion Ratio Lower Upper
 276 100
 138 30.3 24.6 36.8
 277 24.9 20.4 30.6

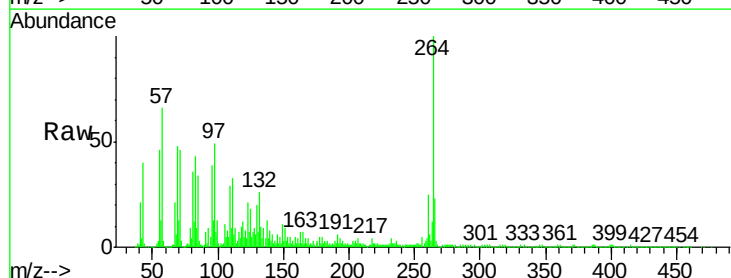


Abundance Ion 276.00 (275.70 to 276.70): E
 1500000 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

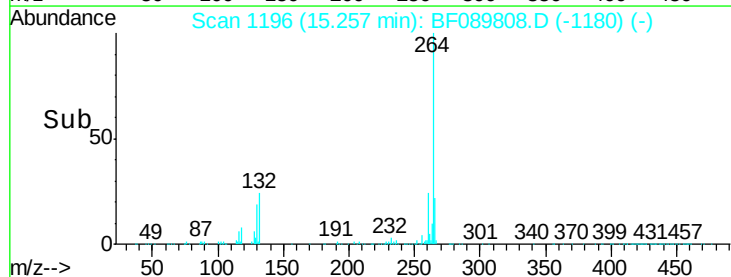
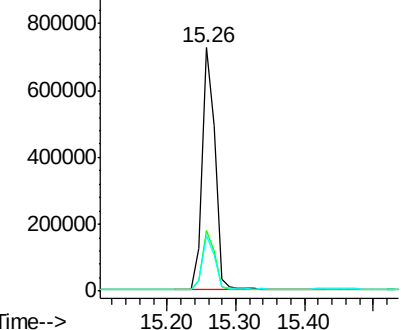


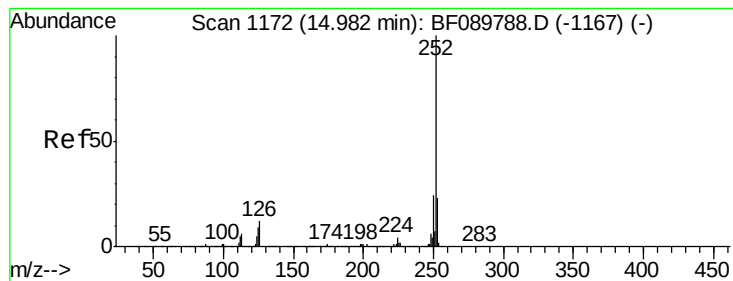
#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.26 min Scan# 1196
 Delta R.T. -0.11 min
 Lab File: BF089808.D
 Acq: 19 Aug 2016 20:53

Tgt Ion: 264 Resp: 969683
 Ion Ratio Lower Upper
 264 100
 260 25.0 20.2 30.2
 265 22.6 17.4 26.2



Abundance Ion 264.00 (263.70 to 264.70): E
 1000000 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 68.19 ng

RT: 14.88 min Scan# 1163

Delta R.T. -0.10 min

Lab File: BF089808.D

Acq: 19 Aug 2016 20:53

Instrument :

BNA_F

ClientSampleId :

I-3MS

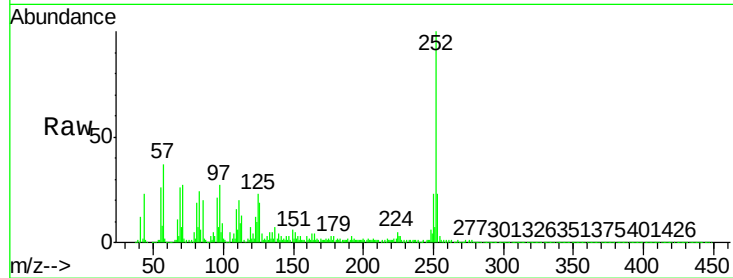
Tgt Ion:252 Resp: 3637729

Ion Ratio Lower Upper

252 100

253 23.3 17.8 26.8

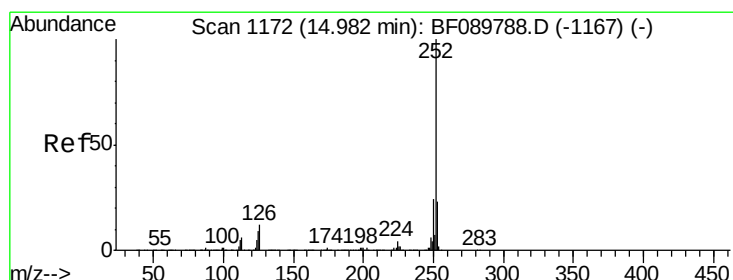
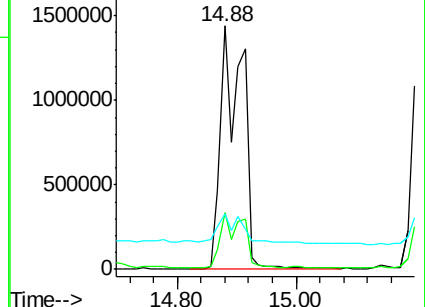
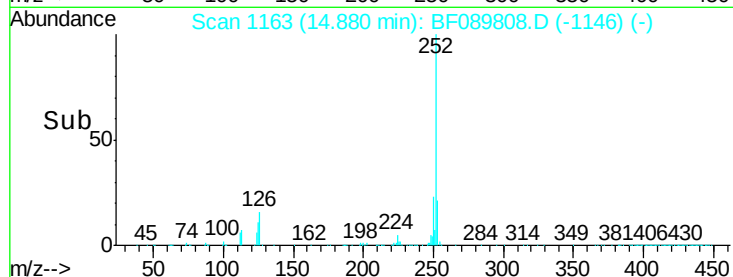
125 22.7 11.4 17.2#



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: 75.16 ng

RT: 14.88 min Scan# 1163

Delta R.T. -0.13 min

Lab File: BF089808.D

Acq: 19 Aug 2016 20:53

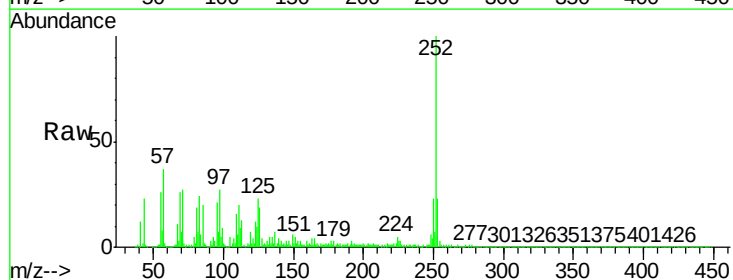
Tgt Ion:252 Resp: 3637729

Ion Ratio Lower Upper

252 100

253 23.3 18.4 27.6

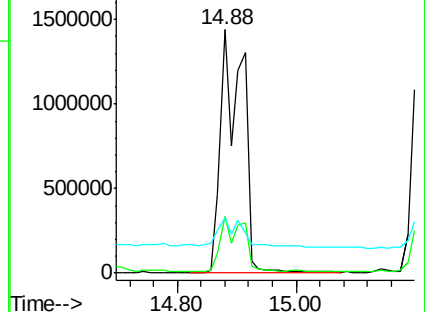
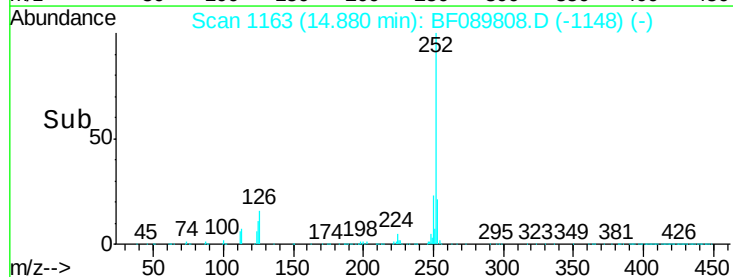
125 22.7 9.8 14.6#

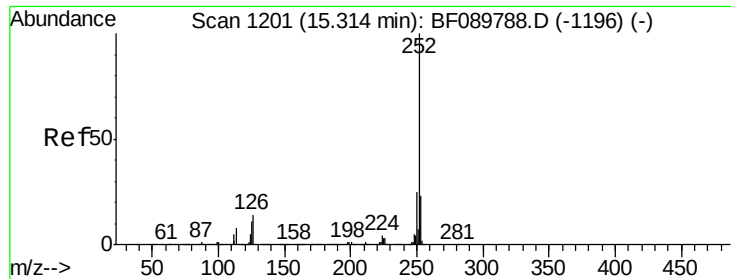


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

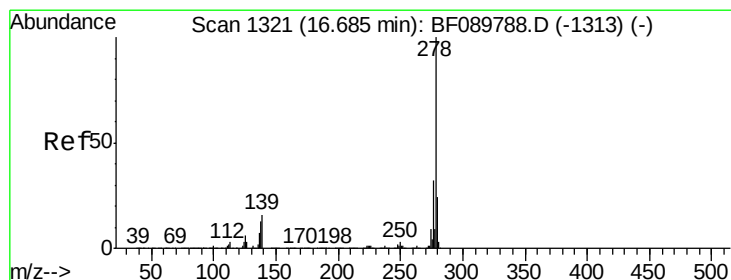
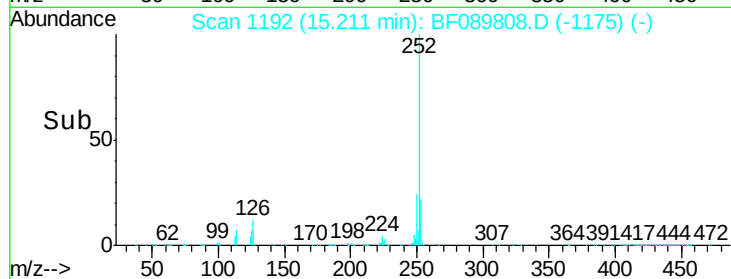
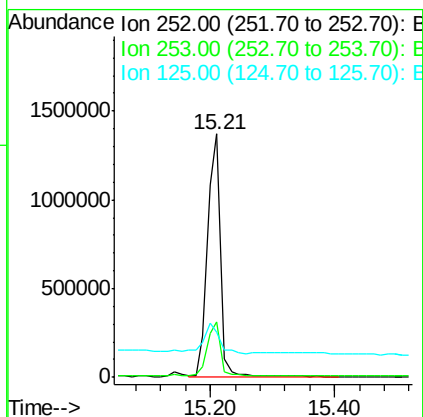
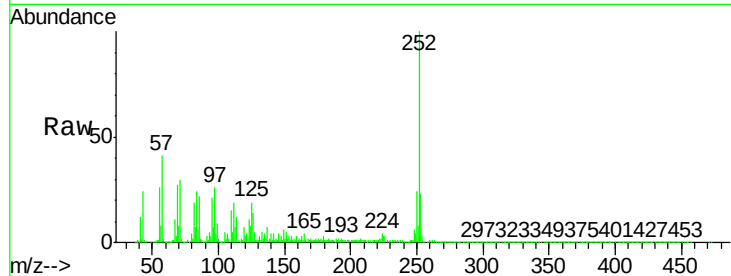




#89
Benzo(a)pyrene
Concen: 38.95 ng
RT: 15.21 min Scan# 1192
Delta R.T. -0.10 min
Lab File: BF089808.D
Acq: 19 Aug 2016 20:53

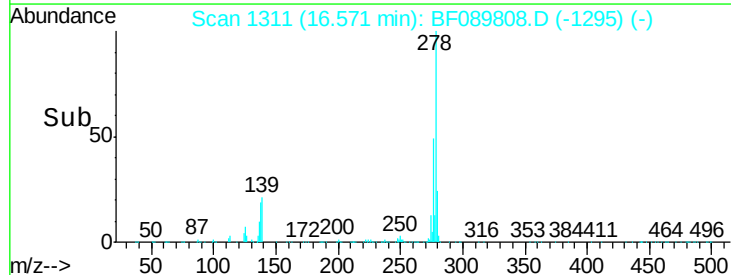
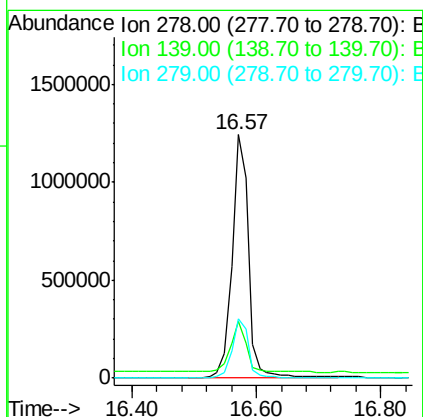
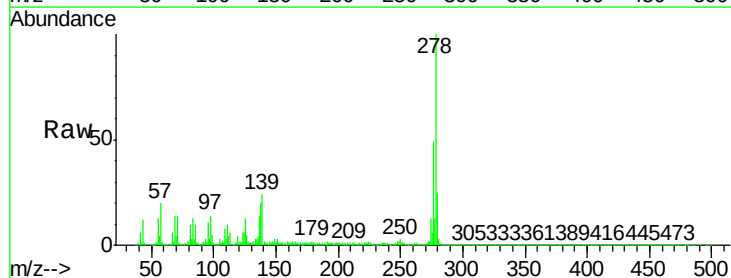
Instrument :
BNA_F
ClientSampleId :
I-3MS

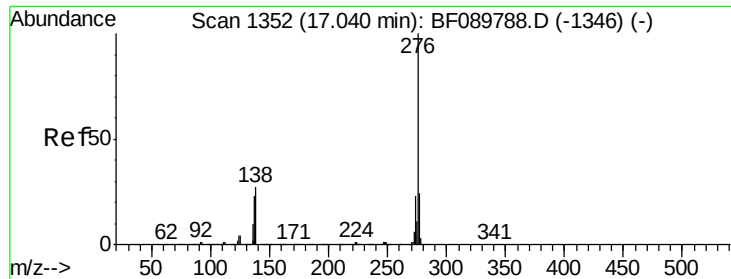
Tgt Ion:252 Resp: 1966667
Ion Ratio Lower Upper
252 100
253 22.8 17.8 26.8
125 18.6 11.7 17.5#



#90
Dibenzo(a,h)anthracene
Concen: 41.35 ng
RT: 16.57 min Scan# 1311
Delta R.T. -0.11 min
Lab File: BF089808.D
Acq: 19 Aug 2016 20:53

Tgt Ion:278 Resp: 2266227
Ion Ratio Lower Upper
278 100
139 23.5 14.9 22.3#
279 24.5 19.2 28.8

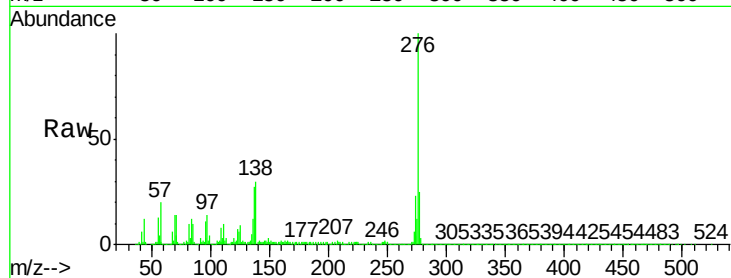




#91
 Benzo(g,h,i)perylene
 Concen: 41.08 ng
 RT: 16.94 min Scan# 1343
 Delta R.T. -0.10 min
 Lab File: BF089808.D
 Acq: 19 Aug 2016 20:53

Instrument :
 BNA_F
 ClientSampleId :
 I-3MS

Tgt Ion: 276 Resp: 2370991
 Ion Ratio Lower Upper
 276 100
 277 24.8 19.2 28.8
 138 29.6 22.1 33.1



Abundance Ion 276.00 (275.70 to 276.70): E
 1500000 Ion 277.00 (276.70 to 277.70): E
 Ion 138.00 (137.70 to 138.70): E

