

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092515\
 Data File : BF081811.D
 Acq On : 25 Sep 2015 19:25
 Operator : UM/IZ
 Sample : G3753-02MSD
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-1MSD

Quant Time: Sep 25 23:23:03 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 25 06:02:49 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	150093	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	569838	20.00	ng	0.00
38) Acenaphthene-d10	9.99	164	266117	20.00	ng	-0.01
63) Phenanthrene-d10	11.47	188	477593	20.00	ng	0.00
75) Chrysene-d12	14.13	240	314014	20.00	ng	0.01
86) Perylene-d12	15.59	264	348733	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.55	112	1041648	117.41	ng	0.01
7) Phenol-d6	6.57	99	1378026	122.80	ng	0.00
23) Nitrobenzene-d5	7.52	82	889061	102.94	ng	0.00
41) 2,4,6-Tribromophenol	10.79	330	378371	163.77	ng	0.00
44) 2-Fluorobiphenyl	9.31	172	1471711	90.78	ng	0.00
78) Terphenyl-d14	13.06	244	1140176	82.94	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.65	88	129686	29.53	ng	90
3) Pyridine	3.43	79	57214	4.62	ng	91
4) n-Nitrosodimethylamine	3.36	42	200921	34.37	ng	99
6) Aniline	6.62	93	212606	12.66	ng	95
8) 2-Chlorophenol	6.73	128	399520	40.87	ng	90
9) Benzaldehyde	6.49	77	142917	21.54	ng	# 77
10) Phenol	6.59	94	437516	33.57	ng	89
11) bis(2-Chloroethyl)ether	6.69	93	378426	39.59	ng	99
12) 1,3-Dichlorobenzene	6.89	146	462436	39.97	ng	# 96
13) 1,4-Dichlorobenzene	6.89	146	462436	39.51	ng	96
14) 1,2-Dichlorobenzene	7.12	146	447029	41.05	ng	96
15) Benzyl Alcohol	7.09	79	331247	37.43	ng	# 77
16) 2,2'-oxybis(1-Chloropropan	7.22	45	617065	37.74	ng	89
17) 2-Methylphenol	7.20	107	348543	42.21	ng	# 87
18) Hexachloroethane	7.46	117	162505	42.63	ng	# 77
19) n-Nitroso-di-n-propylamine	7.37	70	293653	39.25	ng	# 76
20) 3+4-Methylphenols	7.35	107	387979	37.40	ng	# 76
22) Acetophenone	7.36	105	497590	39.81	ng	# 80
24) Nitrobenzene	7.53	77	388141	40.28	ng	# 66
25) Isophorone	7.77	82	783553	40.95	ng	# 88
26) 2-Nitrophenol	7.85	139	232796	66.51	ng	# 75
27) 2,4-Dimethylphenol	7.89	122	390877	45.05	ng	# 81
28) bis(2-Chloroethoxy)methane	7.99	93	531373	47.54	ng	# 95
29) 2,4-Dichlorophenol	8.09	162	394118	48.79	ng	99
30) 1,2,4-Trichlorobenzene	8.17	180	373946	41.24	ng	96
31) Naphthalene	8.26	128	1165072	44.32	ng	97
32) Benzoic acid	7.98	122	126114	74.65	ng	# 67
33) 4-Chloroaniline	8.31	127	171014	14.82	ng	# 97
34) Hexachlorobutadiene	8.38	225	236946	44.31	ng	100
35) Caprolactam	8.69	113	64586	29.93	ng	89
36) 4-Chloro-3-methylphenol	8.78	107	364354	45.01	ng	# 79
37) 2-Methylnaphthalene	8.95	142	781827	41.73	ng	# 90
39) 1,2,4,5-Tetrachlorobenzene	9.11	216	364391	42.90	ng	98
40) Hexachlorocyclopentadiene	9.10	237	318364	87.46	ng	96

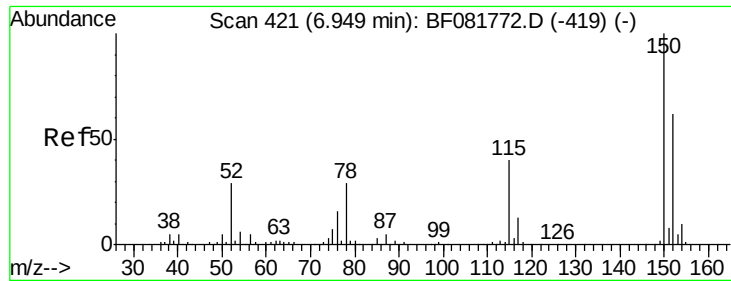
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092515\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.22	196	264736	47.31	ng	99
43) 2,4,5-Trichlorophenol	9.27	196	271572	49.32	ng #	91
45) 1,1'-Biphenyl	9.42	154	1008540	48.47	ng	95
46) 2-Chloronaphthalene	9.44	162	744714	44.49	ng	94
47) 2-Nitroaniline	9.53	65	210185	47.21	ng #	71
48) Acenaphthylene	9.85	152	1071101	37.81	ng	95
49) Dimethylphthalate	9.71	163	1130830	55.84	ng #	97
50) 2,6-Dinitrotoluene	9.78	165	210307	53.81	ng #	88
51) Acenaphthene	10.02	154	722681	44.27	ng	88
52) 3-Nitroaniline	9.94	138	141431	33.36	ng #	64
53) 2,4-Dinitrophenol	10.05	184	118903	111.91	ng #	42
54) Dibenzofuran	10.19	168	1002756	41.88	ng #	85
55) 4-Nitrophenol	10.10	139	322266	110.23	ng #	57
56) 2,4-Dinitrotoluene	10.18	165	280007	59.84	ng #	93
57) Fluorene	10.54	166	717203	39.03	ng	93
58) 2,3,4,6-Tetrachlorophenol	10.31	232	210696	50.13	ng	97
59) Diethylphthalate	10.41	149	839514	42.80	ng	98
60) 4-Chlorophenyl-phenylether	10.54	204	382203	45.31	ng	94
61) 4-Nitroaniline	10.56	138	158702	38.54	ng #	51
62) Azobenzene	10.70	77	883717	44.07	ng	95
64) 4,6-Dinitro-2-methylphenol	10.58	198	99665	70.39	ng	96
65) n-Nitrosodiphenylamine	10.65	169	667937	41.47	ng	91
66) 4-Bromophenyl-phenylether	11.03	248	244590	46.00	ng #	82
67) Hexachlorobenzene	11.09	284	264258	47.63	ng #	85
68) Atrazine	11.18	200	207344	43.06	ng	84
69) Pentachlorophenol	11.28	266	292630	94.32	ng	100
70) Phenanthrene	11.55	178	1074296	39.34	ng	96
71) Anthracene	11.55	178	1074296	40.83	ng	96
72) Carbazole	11.71	167	1048768	42.94	ng	96
73) Di-n-butylphthalate	12.04	149	1259813	42.37	ng #	97
74) Fluoranthene	12.70	202	1439607	52.32	ng	86
77) Pyrene	12.70	202	1428847	60.35	ng	96
79) Butylbenzylphthalate	13.54	149	493659	52.32	ng #	89
80) Benzo(a)anthracene	14.12	228	971825	51.04	ng	96
81) 3,3'-Dichlorobenzidine	14.07	252	72443	11.98	ng #	96
82) Chrysene	14.12	228	971825	53.22	ng	98
83) Bis(2-ethylhexyl)phthalate	14.09	149	631005	55.16	ng #	91
84) Di-n-octyl phthalate	14.71	149	1091825	64.90	ng #	94
85) Indeno(1,2,3-cd)pyrene	17.06	276	944300	56.48	ng #	86
87) Benzo(b)fluoranthene	15.17	252	1882359	91.02	ng #	86
88) Benzo(k)fluoranthene	15.17	252	1882359	94.50	ng #	87
90) Dibenzo(a,h)anthracene	17.09	278	734520	37.75	ng #	81
91) Benzo(g,h,i)perylene	17.52	276	768765	38.32	ng #	77

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.95 min Scan# 421

Delta R.T. 0.00 min

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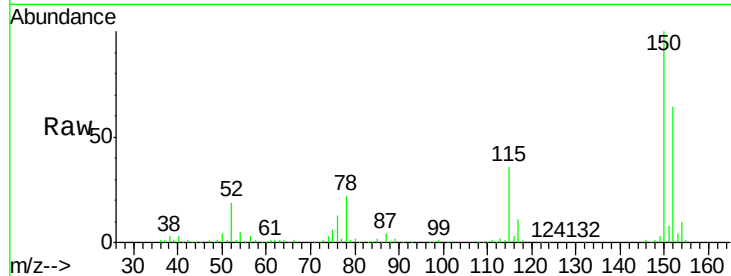
Tgt Ion:152 Resp: 150093

Ion Ratio Lower Upper

152 100

150 156.4 124.7 187.1

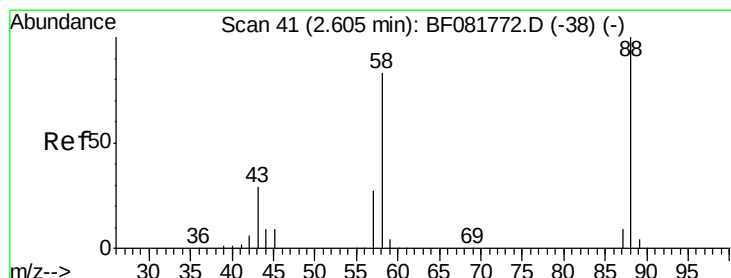
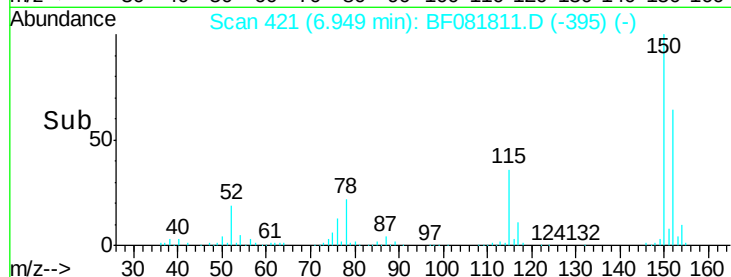
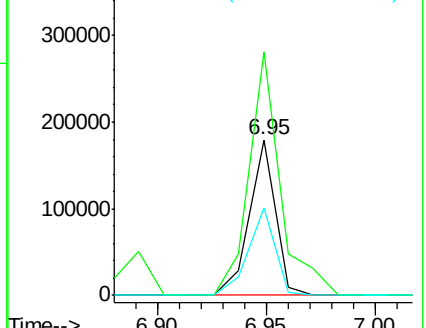
115 56.1 39.0 58.4



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: 29.53 ng

RT: 2.65 min Scan# 45

Delta R.T. 0.05 min

Lab File: BF081811.D

Acq: 25 Sep 2015 19:25

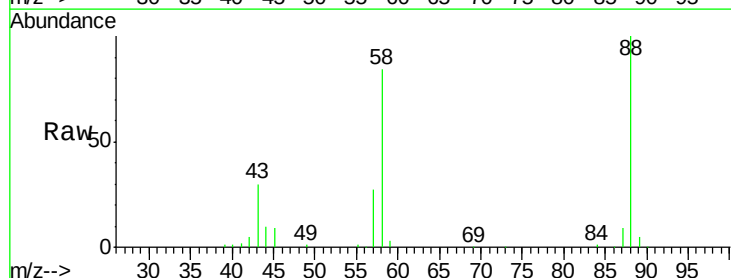
Tgt Ion: 88 Resp: 129686

Ion Ratio Lower Upper

88 100

58 85.4 77.7 116.5

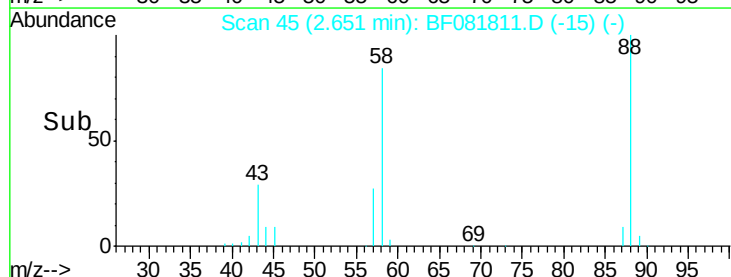
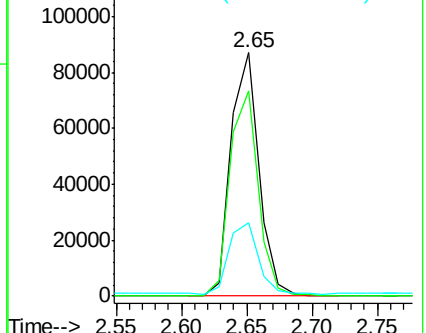
43 30.8 26.6 40.0

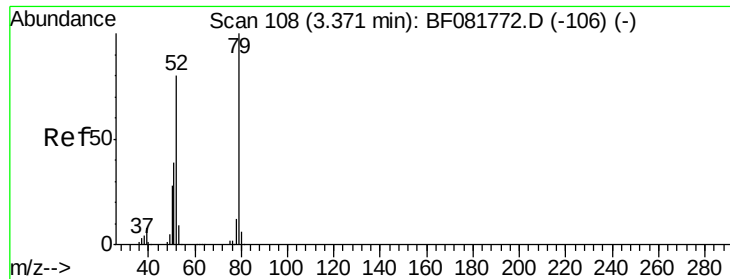


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 4.62 ng

RT: 3.43 min Scan# 113

Delta R.T. 0.06 min

Lab File: BF081811.D

Acq: 25 Sep 2015 19:25

Instrument :

BNA_F

ClientSampleId :

SP-1MSD

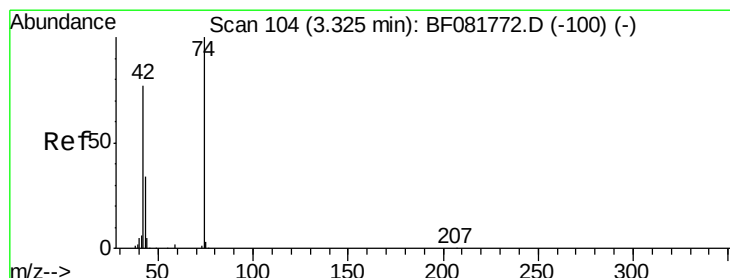
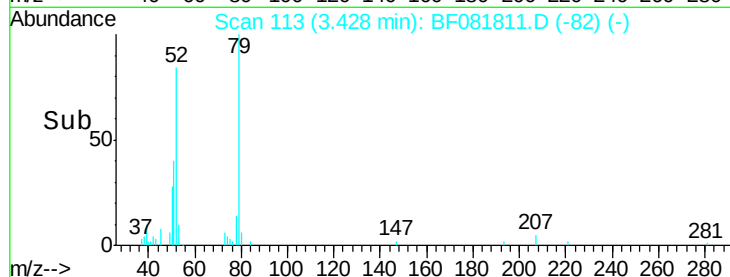
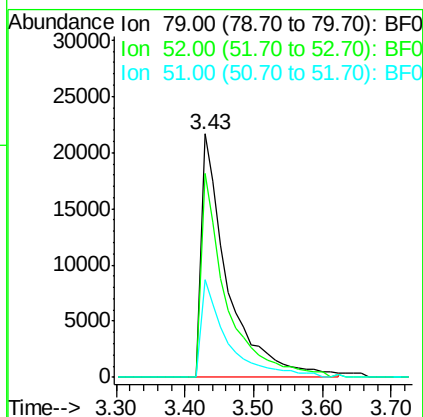
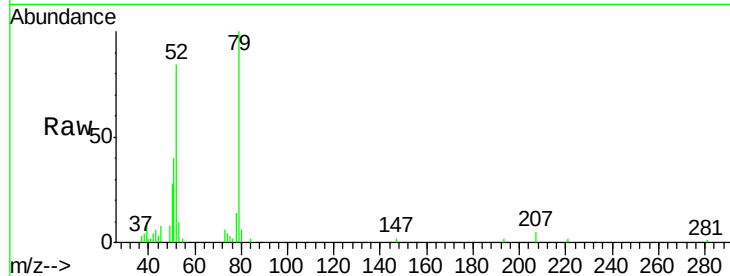
Tgt Ion: 79 Resp: 57214

Ion Ratio Lower Upper

79 100

52 83.8 76.8 115.2

51 40.1 32.2 48.4



#4

n-Nitrosodimethylamine

Concen: 34.37 ng

RT: 3.36 min Scan# 107

Delta R.T. 0.03 min

Lab File: BF081811.D

Acq: 25 Sep 2015 19:25

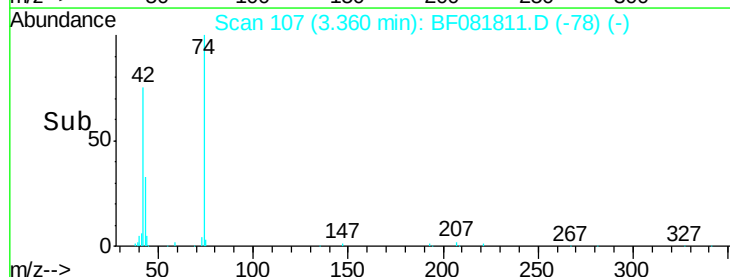
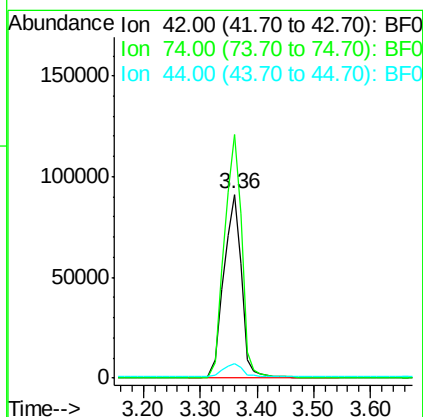
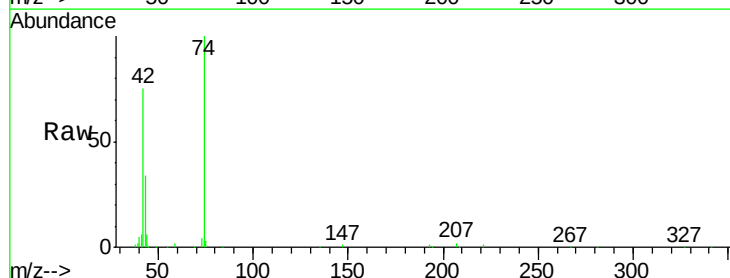
Tgt Ion: 42 Resp: 200921

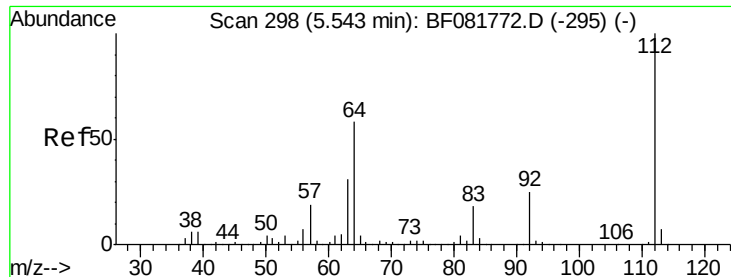
Ion Ratio Lower Upper

42 100

74 132.7 105.0 157.6

44 8.2 6.6 10.0





#5

2-Fluorophenol

Concen: 117.41 ng

RT: 5.55 min Scan# 299

Delta R.T. 0.01 min

Lab File: BF081811.D

Acq: 25 Sep 2015 19:25

Instrument :

BNA_F

ClientSampleId :

SP-1MSD

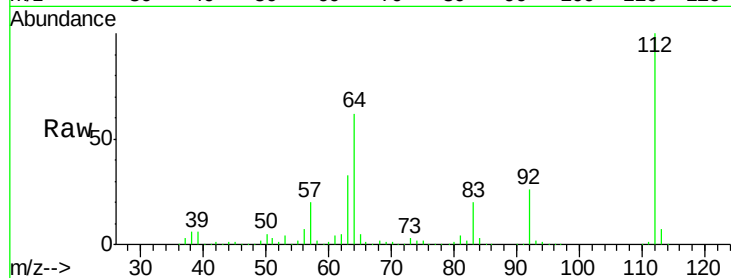
Tgt Ion: 112 Resp: 1041648

Ion Ratio Lower Upper

112 100

64 62.2 39.7 59.5#

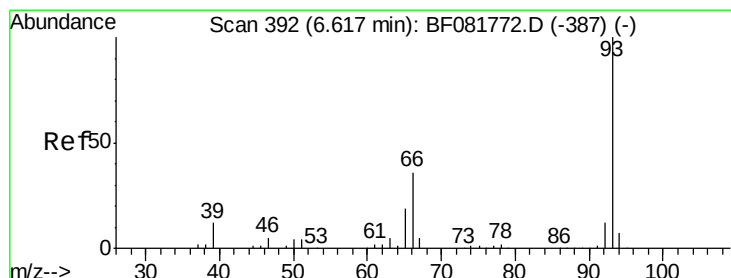
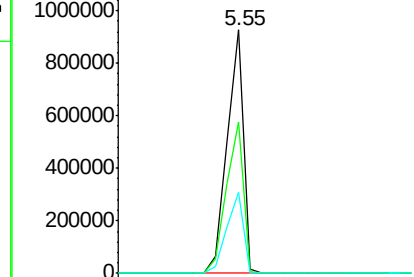
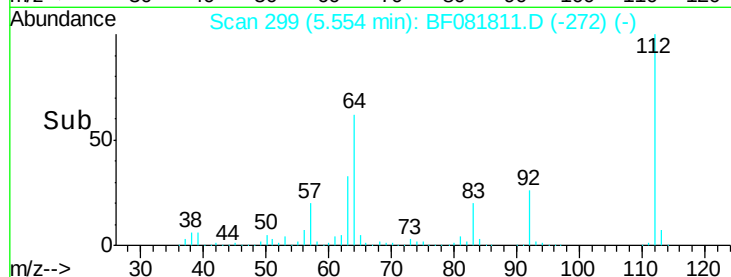
63 33.5 17.4 26.0#



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 12.66 ng

RT: 6.62 min Scan# 392

Delta R.T. 0.00 min

Lab File: BF081811.D

Acq: 25 Sep 2015 19:25

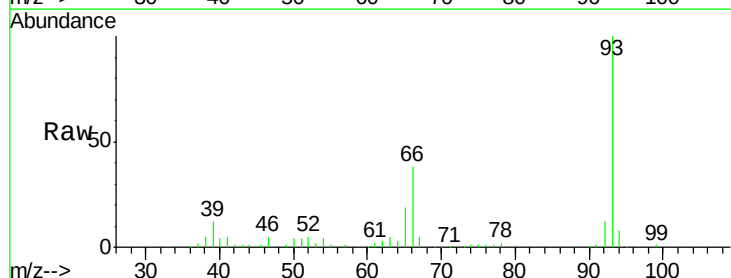
Tgt Ion: 93 Resp: 212606

Ion Ratio Lower Upper

93 100

66 38.1 27.2 40.8

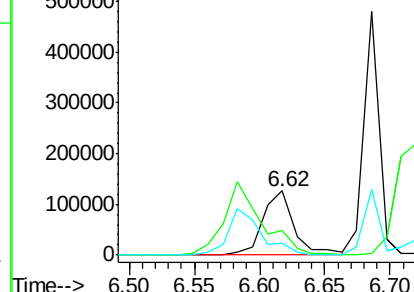
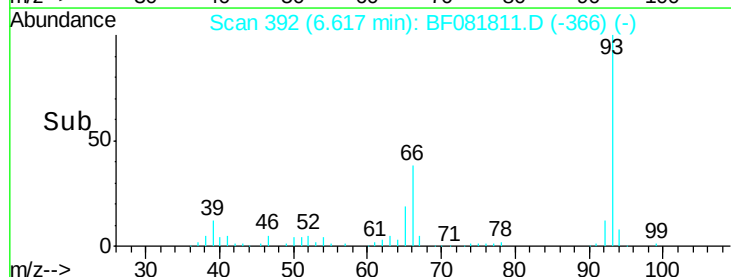
65 19.0 14.7 22.1

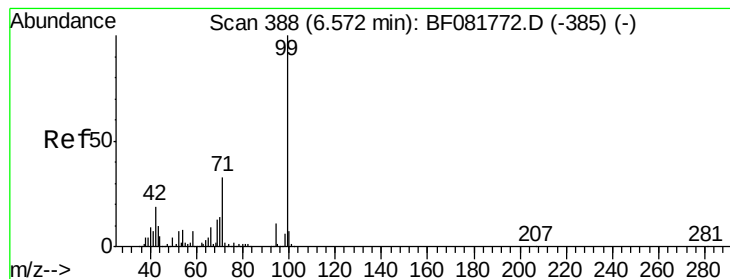


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 122.80 ng

RT: 6.57 min Scan# 388

Delta R.T. 0.00 min

Lab File: BF081811.D

Acq: 25 Sep 2015 19:25

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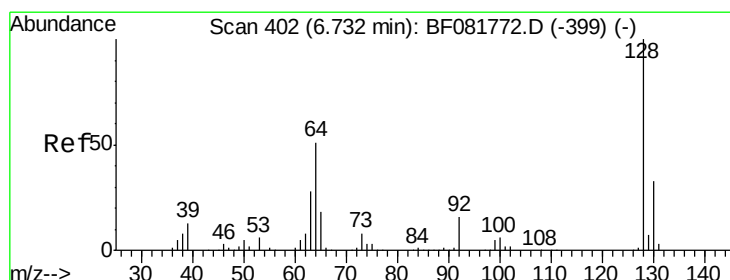
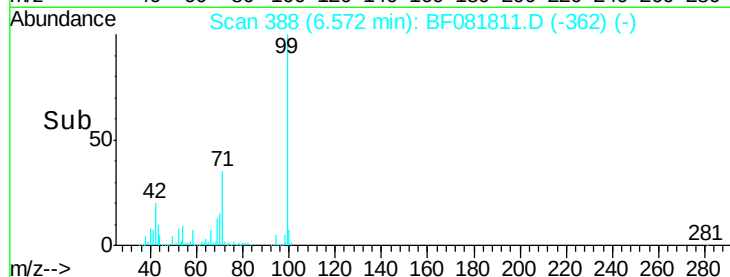
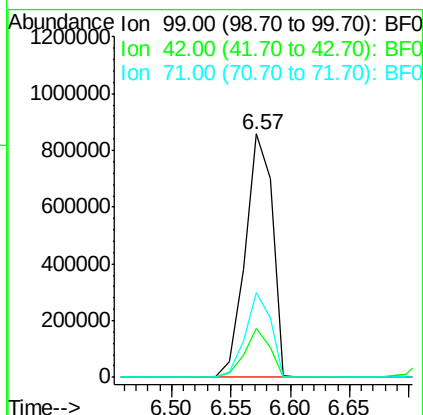
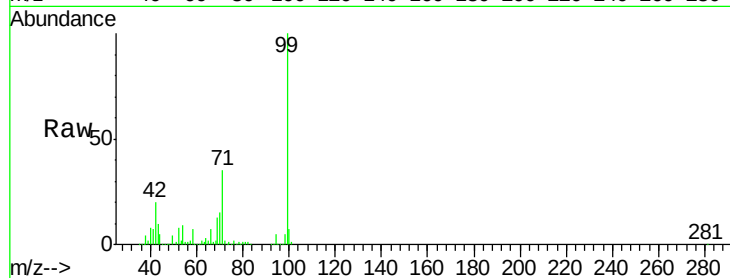
Tgt Ion: 99 Resp: 1378026

Ion Ratio Lower Upper

99 100

42 20.1 13.7 20.5

71 34.9 14.2 21.2#



#8

2-Chlorophenol

Concen: 40.87 ng

RT: 6.73 min Scan# 402

Delta R.T. 0.00 min

Lab File: BF081811.D

Acq: 25 Sep 2015 19:25

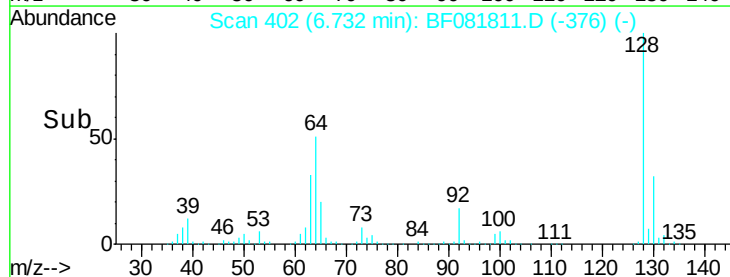
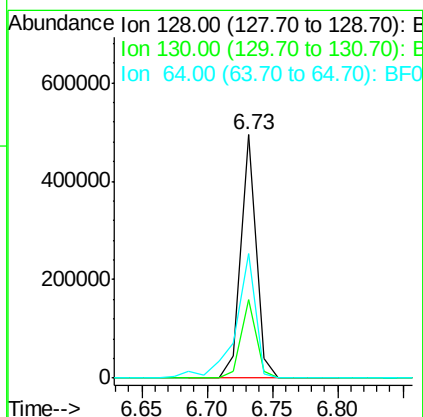
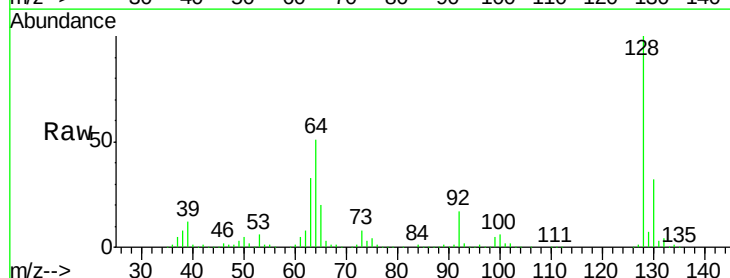
Tgt Ion: 128 Resp: 399520

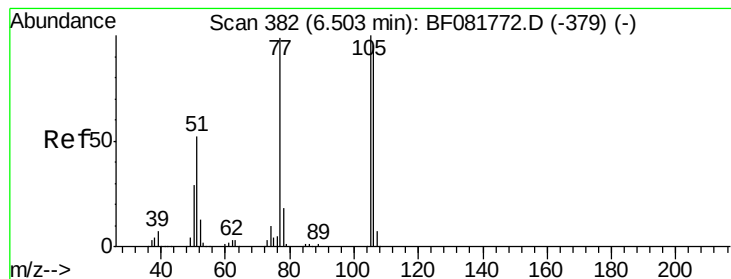
Ion Ratio Lower Upper

128 100

130 32.5 12.2 52.2

64 51.3 20.5 60.5





#9

Benzaldehyde

Concen: 21.54 ng

RT: 6.49 min Scan# 381

Delta R.T. -0.01 min

Lab File: BF081811.D

Acq: 25 Sep 2015 19:25

Instrument :

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ClientSampleId :

SP-1MSD

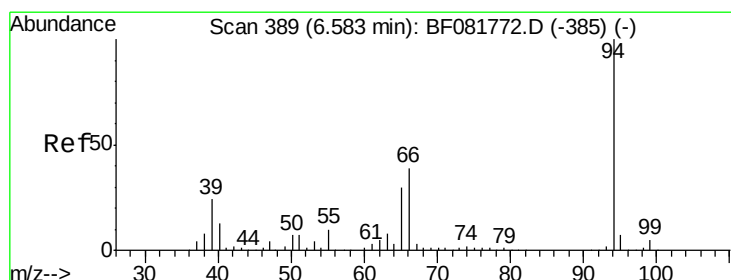
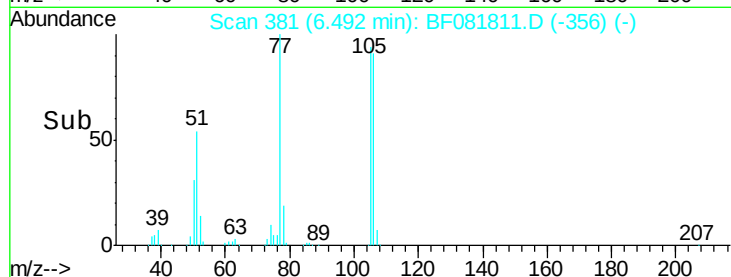
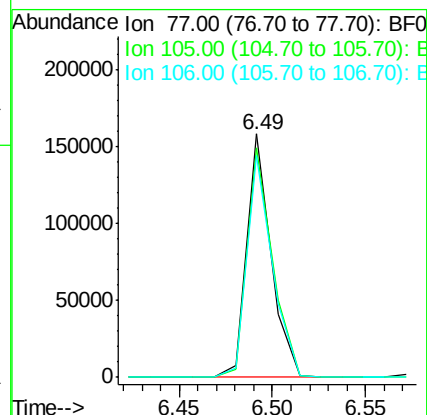
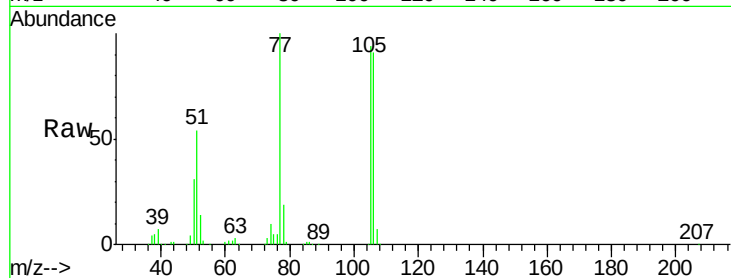
Tgt Ion: 77 Resp: 142917

Ion Ratio Lower Upper

77 100

105 94.1 91.6 131.6

106 90.9 102.6 142.6#



#10

Phenol

Concen: 33.57 ng

RT: 6.59 min Scan# 390

Delta R.T. 0.01 min

Lab File: BF081811.D

Acq: 25 Sep 2015 19:25

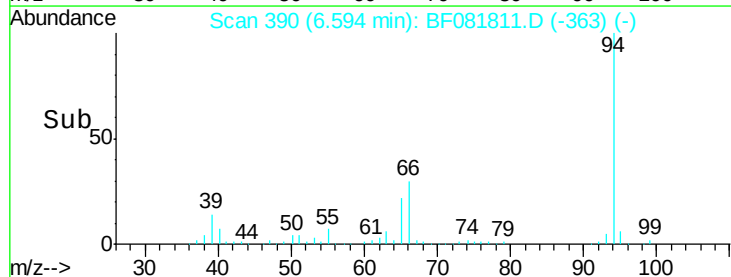
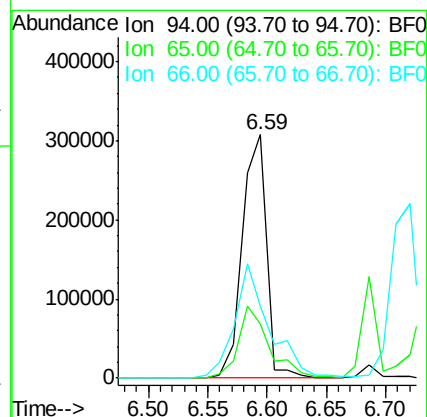
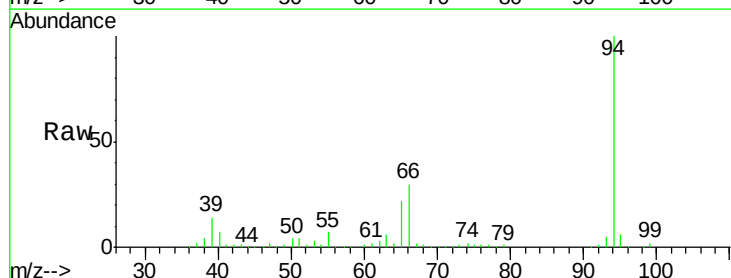
Tgt Ion: 94 Resp: 437516

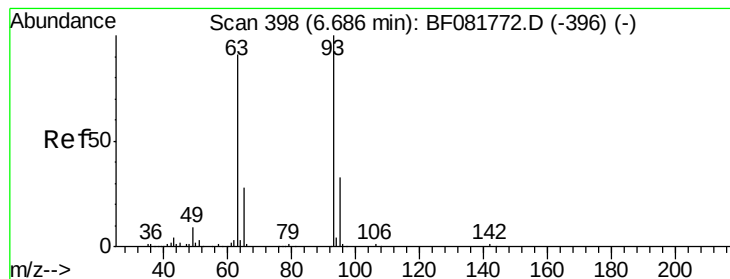
Ion Ratio Lower Upper

94 100

65 22.3 0.7 40.7

66 29.9 0.8 40.8





#11

bis(2-Chloroethyl)ether

Concen: 39.59 ng

RT: 6.69 min Scan# 398

Delta R.T. 0.00 min

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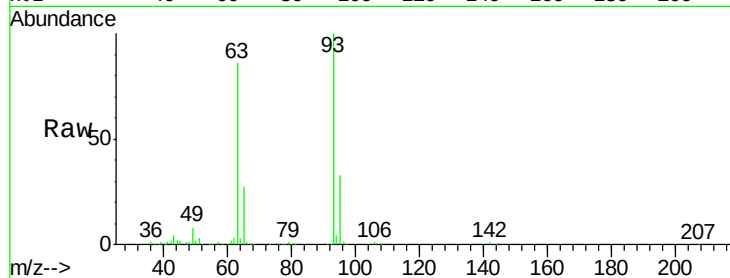
Tgt Ion: 93 Resp: 378426

Ion Ratio Lower Upper

93 100

63 86.5 65.6 105.6

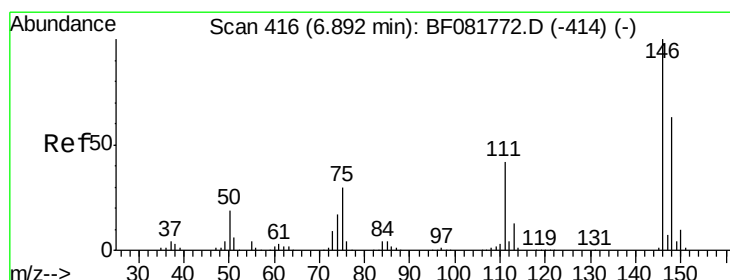
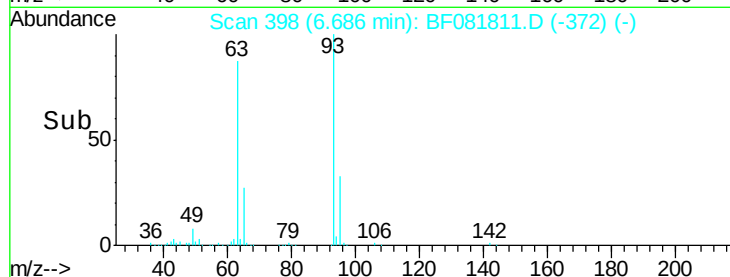
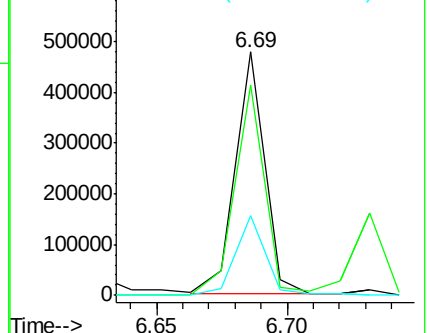
95 33.0 13.6 53.6



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: 39.97 ng

RT: 6.89 min Scan# 416

Delta R.T. 0.00 min

Lab File: BF081811.D

Acq: 25 Sep 2015 19:25

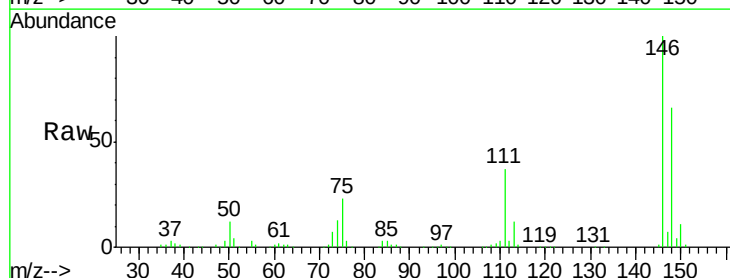
Tgt Ion: 146 Resp: 462436

Ion Ratio Lower Upper

146 100

148 65.6 51.0 76.4

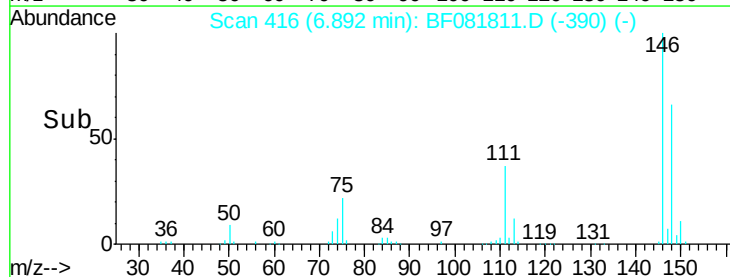
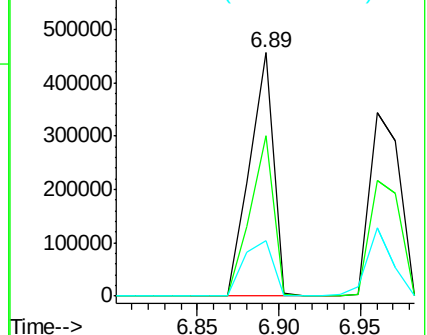
75 22.8 15.0 22.6#

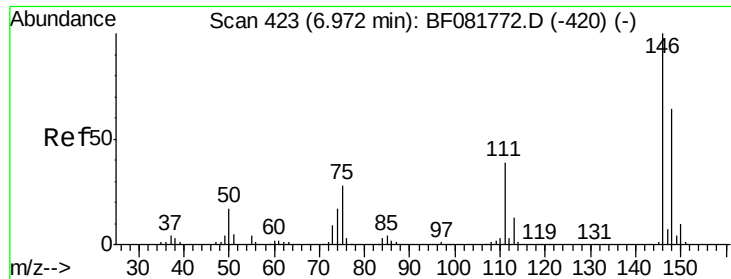


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0

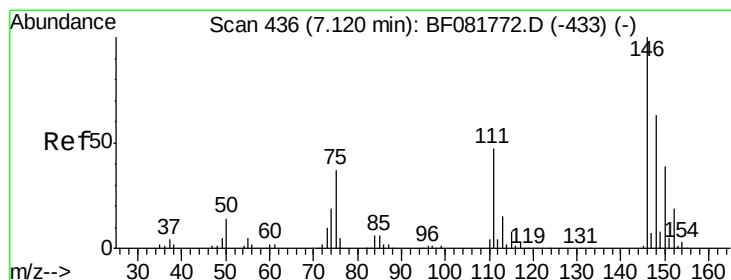
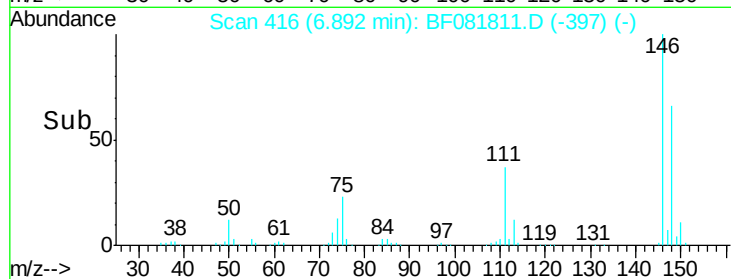
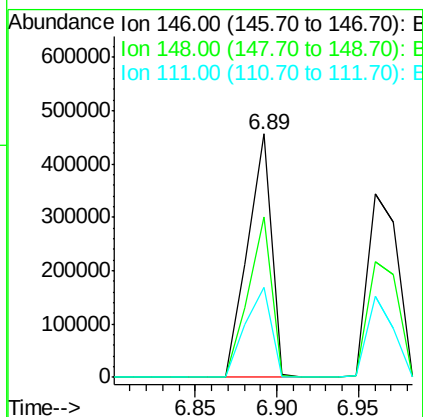
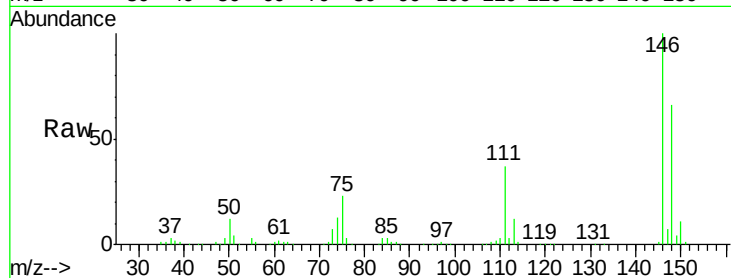




#13
 1,4-Dichlorobenzene
 Concen: 39.51 ng
 RT: 6.89 min Scan# 416
 Delta R.T. -0.08 min
 Lab File: BF081811.D
 Acq: 25 Sep 2015 19:25

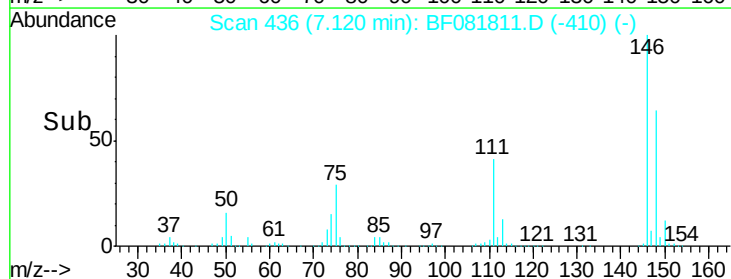
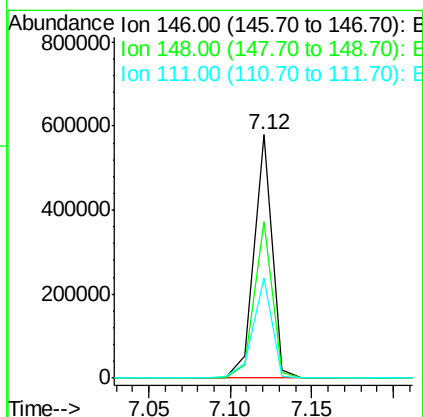
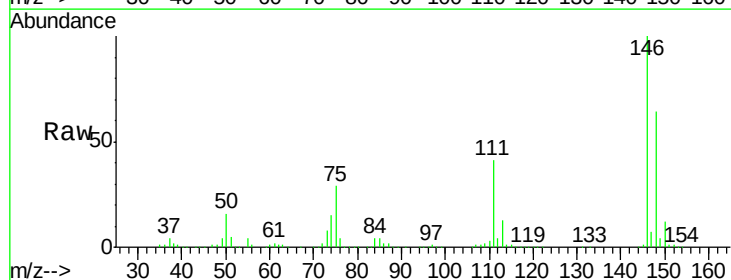
Instrument :
 BNA_F
 ClientSampleId :
 SP-1MSD

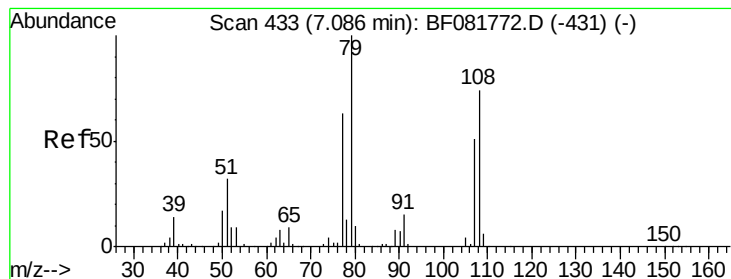
Tgt Ion:146 Resp: 462436
 Ion Ratio Lower Upper
 146 100
 148 65.6 51.8 77.6
 111 37.0 24.9 37.3



#14
 1,2-Dichlorobenzene
 Concen: 41.05 ng
 RT: 7.12 min Scan# 436
 Delta R.T. 0.00 min
 Lab File: BF081811.D
 Acq: 25 Sep 2015 19:25

Tgt Ion:146 Resp: 447029
 Ion Ratio Lower Upper
 146 100
 148 64.4 52.7 79.1
 111 41.0 28.8 43.2





#15

Benzyl Alcohol

Concen: 37.43 ng

RT: 7.09 min Scan# 433

Delta R.T. 0.00 min

Lab File: BF081811.D

Acq: 25 Sep 2015 19:25

Instrument :

BNA_F

ClientSampleId :

SP-1MSD

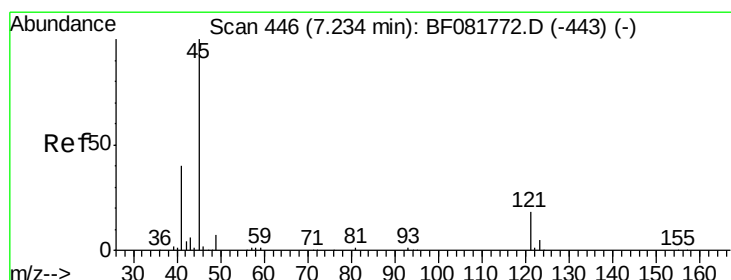
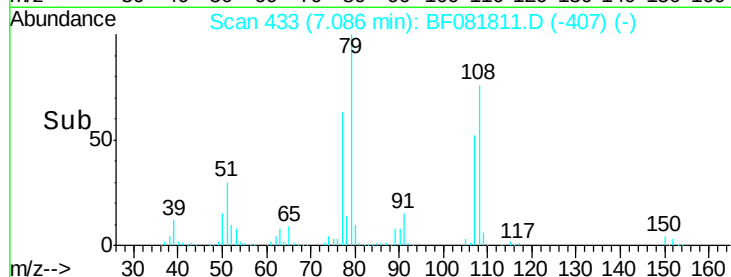
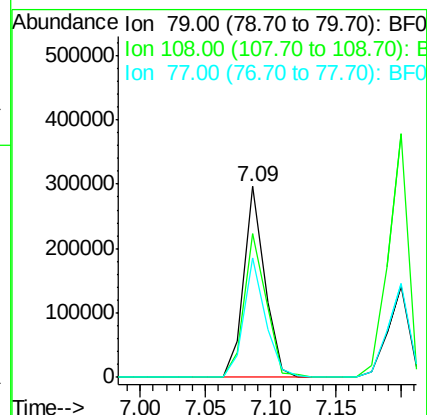
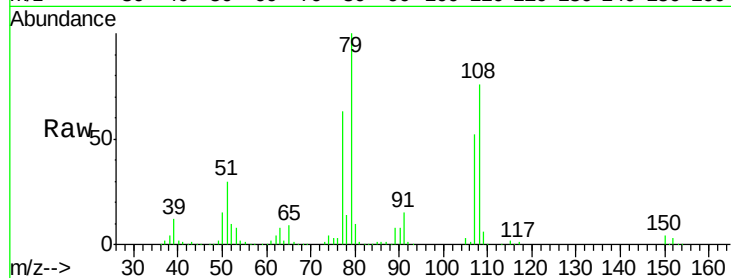
Tgt Ion: 79 Resp: 331247

Ion Ratio Lower Upper

79 100

108 75.6 88.6 132.8#

77 62.6 47.0 70.4



#16

2,2'-oxybis(1-Chloropropane)

Concen: 37.74 ng

RT: 7.22 min Scan# 445

Delta R.T. -0.01 min

Lab File: BF081811.D

Acq: 25 Sep 2015 19:25

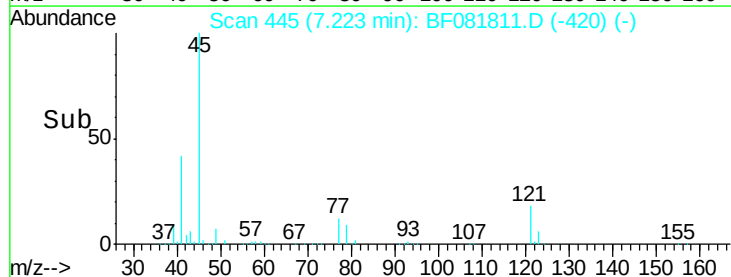
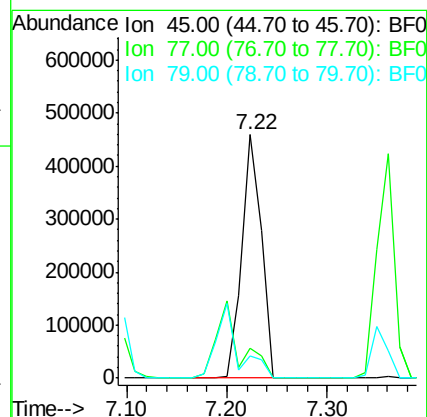
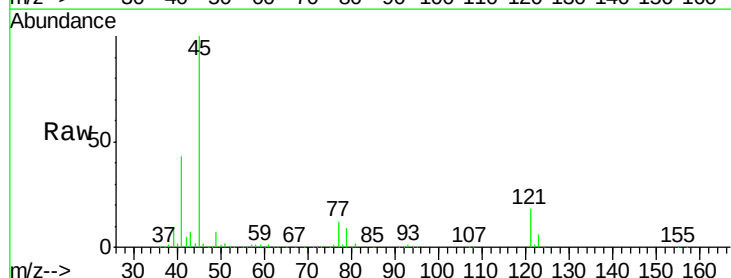
Tgt Ion: 45 Resp: 617065

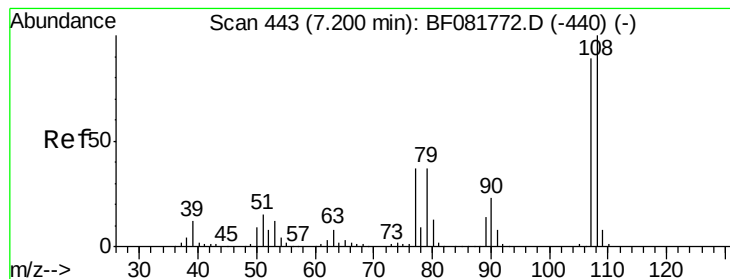
Ion Ratio Lower Upper

45 100

77 12.3 0.0 28.1

79 9.2 0.0 26.0





#17

2-Methylphenol

Concen: 42.21 ng

RT: 7.20 min Scan# 443

Delta R.T. 0.00 min

Lab File: BF081811.D

Acq: 25 Sep 2015 19:25

Instrument :

BNA_F

ClientSampleId :

SP-1MSD

Tgt Ion:107 Resp: 348543

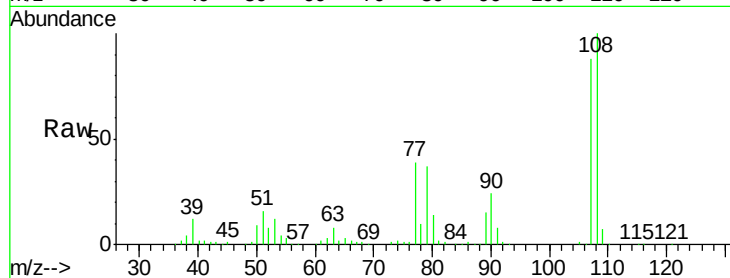
Ion Ratio Lower Upper

107 100

108 114.1 96.6 145.0

77 44.0 23.3 34.9#

79 42.7 22.0 33.0#

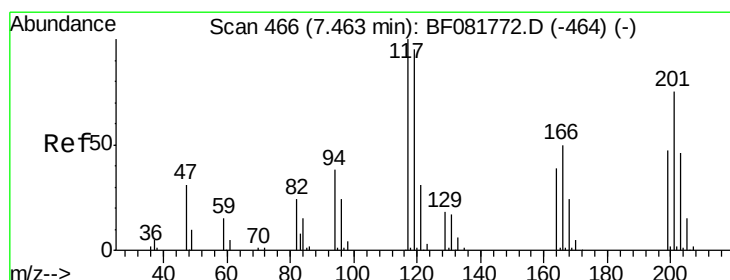
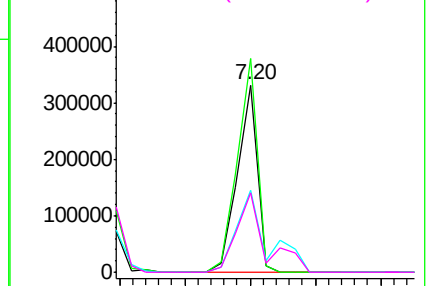
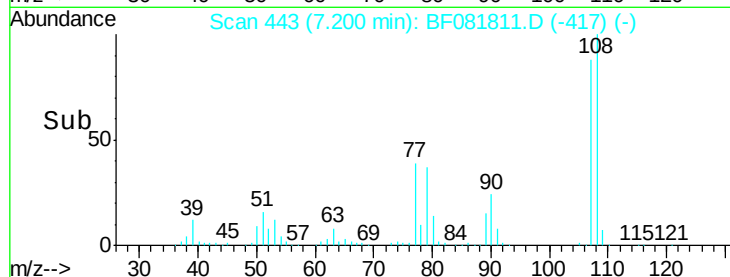


Abundance Ion 107.00 (106.70 to 107.70): E

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: 42.63 ng

RT: 7.46 min Scan# 466

Delta R.T. 0.00 min

Lab File: BF081811.D

Acq: 25 Sep 2015 19:25

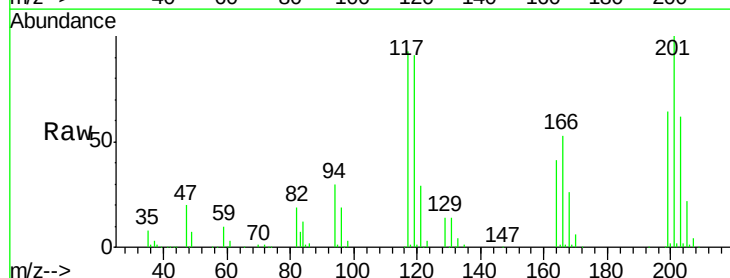
Tgt Ion:117 Resp: 162505

Ion Ratio Lower Upper

117 100

119 97.9 83.8 125.6

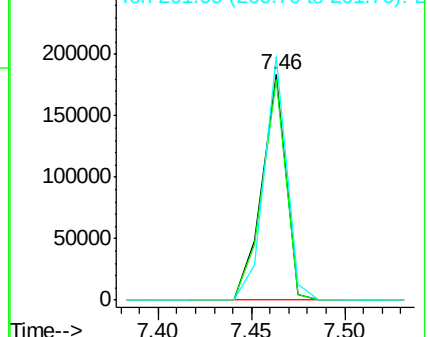
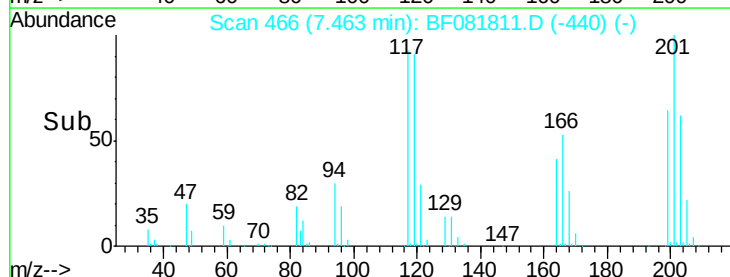
201 107.9 55.1 82.7#

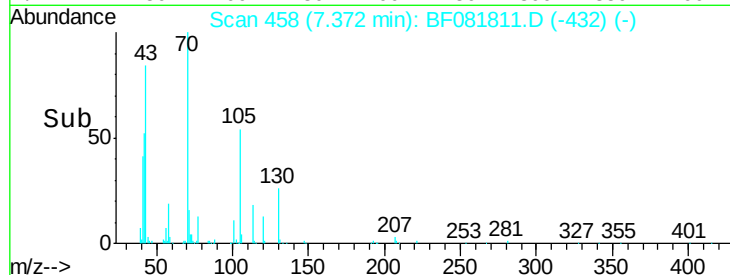
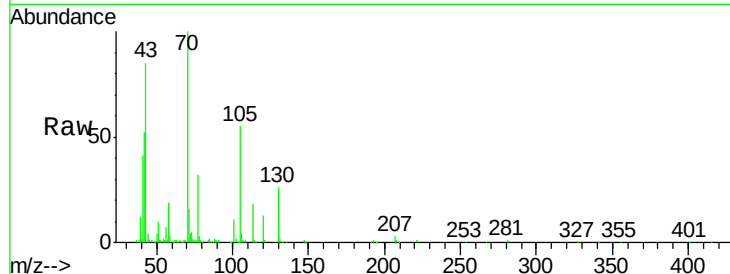
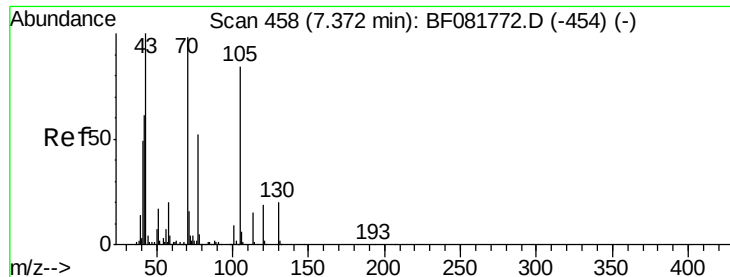


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

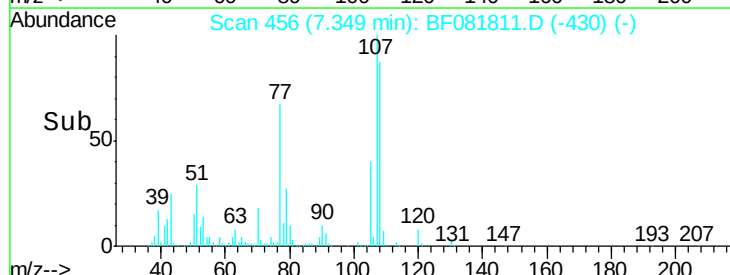
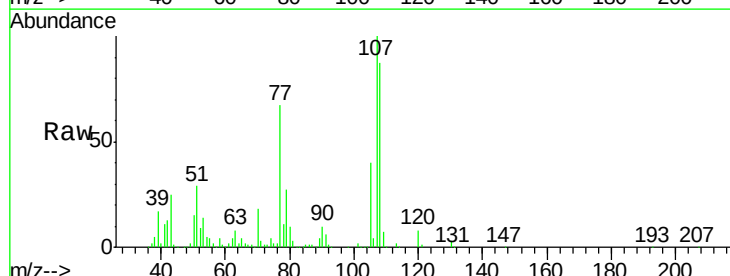
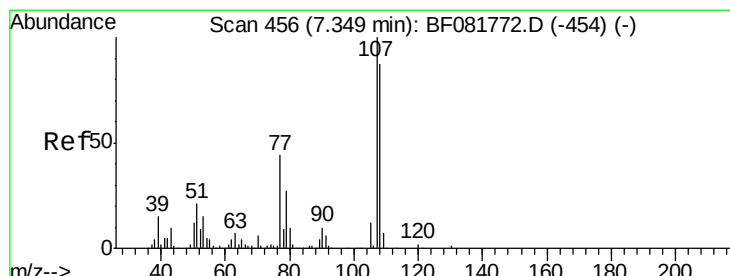
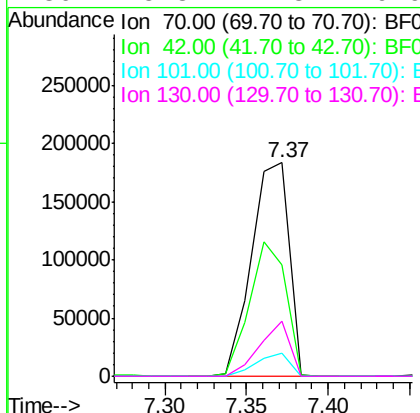




#19
n-Nitroso-di-n-propylamine
Concen: 39.25 ng
RT: 7.37 min Scan# 458
Delta R.T. 0.00 min
Lab File: BF081811.D
Acq: 25 Sep 2015 19:25

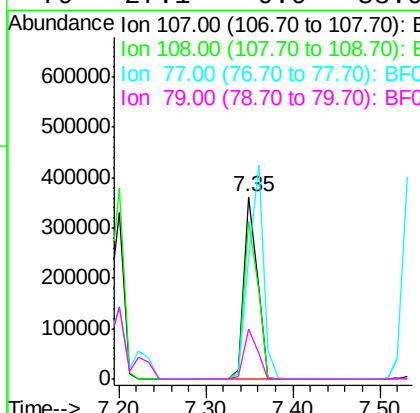
Instrument :
BNA_F
ClientSampleId :
SP-1MSD

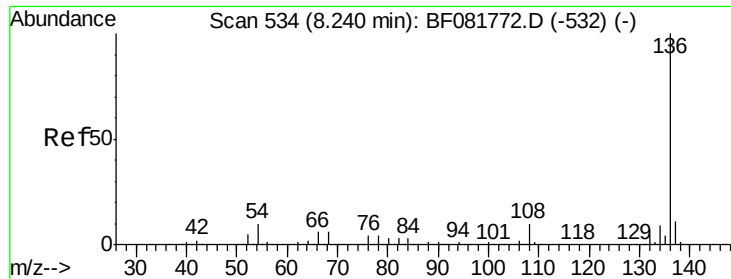
Tgt Ion: 70 Resp: 293653
Ion Ratio Lower Upper
70 100
42 52.0 63.8 95.6#
101 10.8 9.2 13.8
130 25.8 27.3 40.9#



#20
3+4-Methylphenols
Concen: 37.40 ng
RT: 7.35 min Scan# 456
Delta R.T. 0.00 min
Lab File: BF081811.D
Acq: 25 Sep 2015 19:25

Tgt Ion: 107 Resp: 387979
Ion Ratio Lower Upper
107 100
108 86.8 74.6 114.6
77 67.0 0.7 40.7#
79 27.1 0.0 38.9

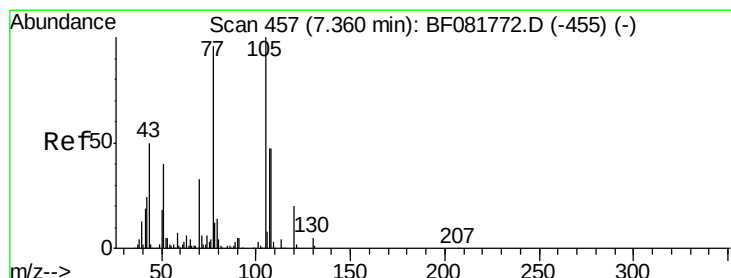
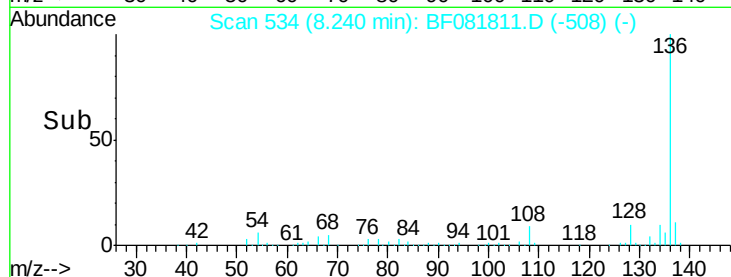
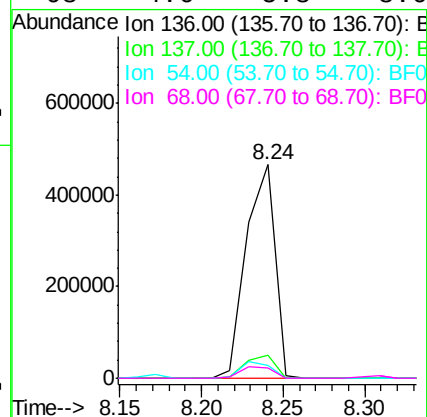
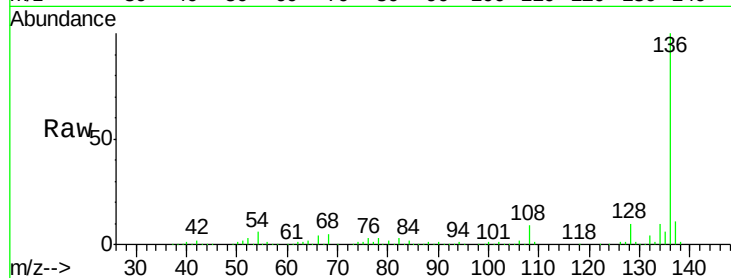




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.24 min Scan# 534
Delta R.T. 0.00 min
Lab File: BF081811.D
Acq: 25 Sep 2015 19:25

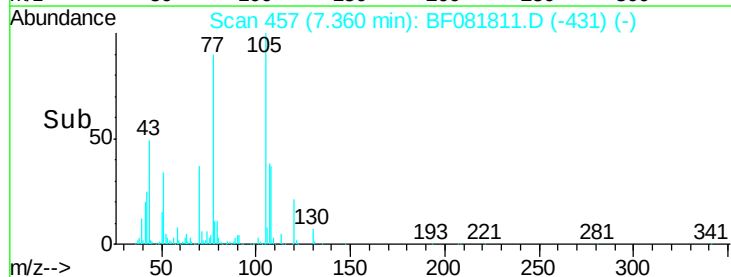
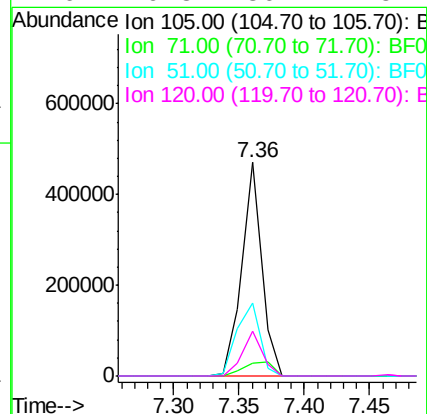
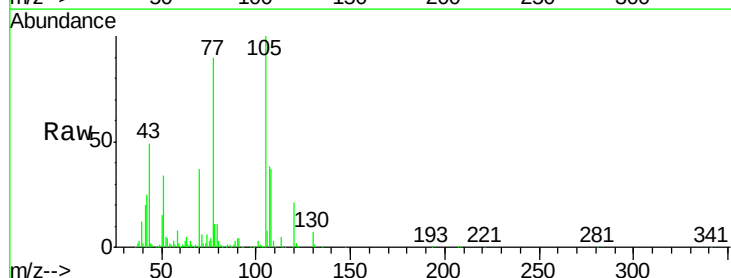
Instrument :
BNA_F
ClientSampleId :
SP-1MSD

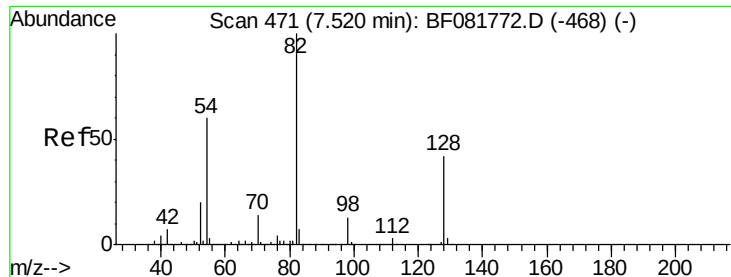
Tgt Ion:	136	Resp:	569838
Ion Ratio	Lower	Upper	
136	100		
137	10.7	9.0	13.6
54	5.9	8.2	12.2#
68	4.6	5.8	8.6#



#22
Acetophenone
Concen: 39.81 ng
RT: 7.36 min Scan# 457
Delta R.T. 0.00 min
Lab File: BF081811.D
Acq: 25 Sep 2015 19:25

Tgt Ion:	105	Resp:	497590
Ion Ratio	Lower	Upper	
105	100		
71	6.3	4.7	7.1
51	34.2	22.0	33.0#
120	20.8	30.1	45.1#

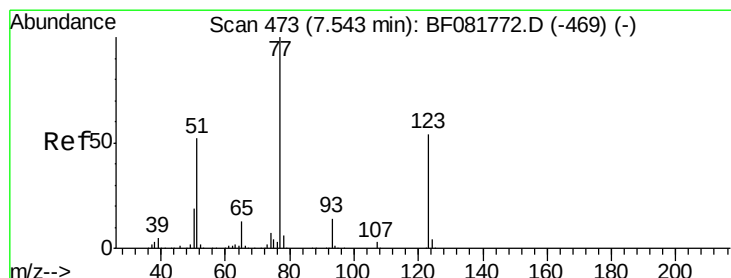
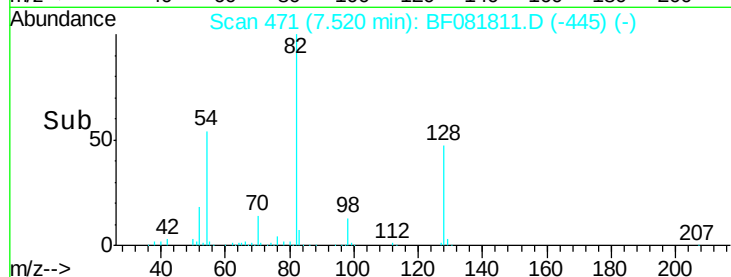
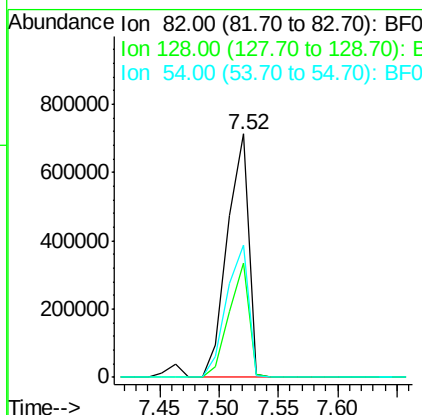
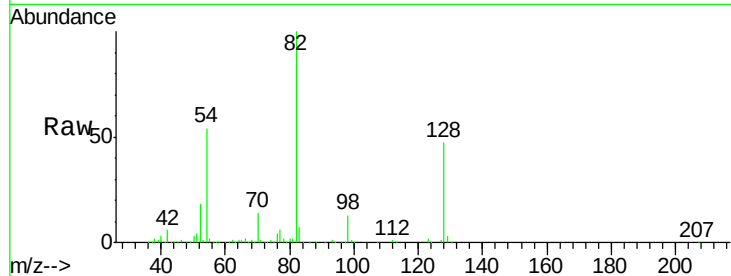




#23
 Nitrobenzene-d5
 Concen: 102.94 ng
 RT: 7.52 min Scan# 471
 Delta R.T. 0.00 min
 Lab File: BF081811.D
 Acq: 25 Sep 2015 19:25

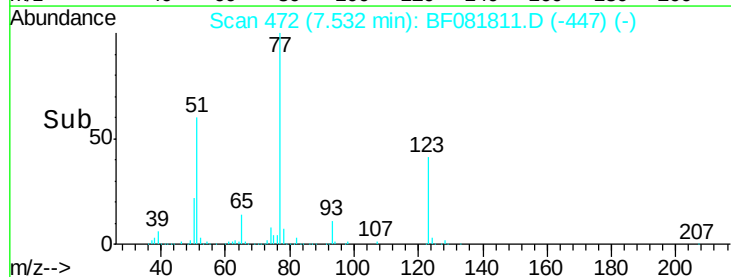
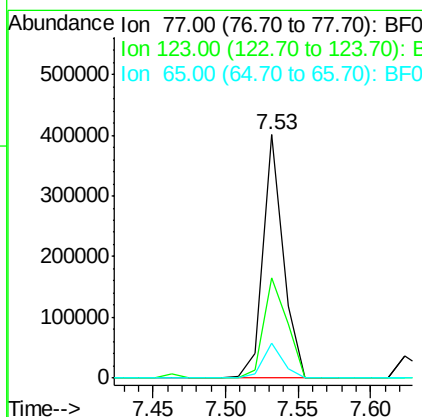
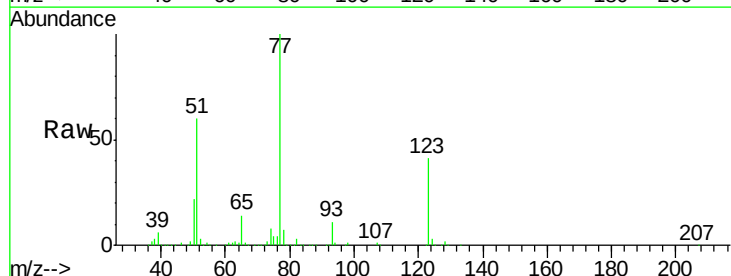
Instrument :
 BNA_F
 ClientSampleId :
 SP-1MSD

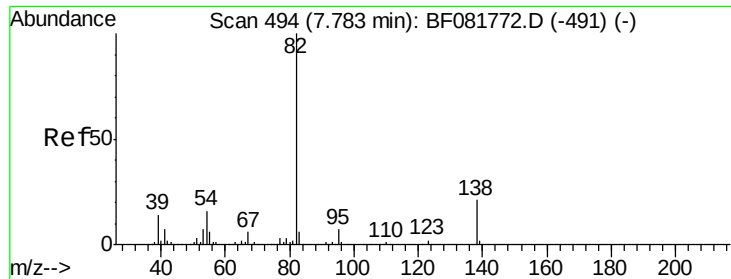
Tgt Ion: 82 Resp: 889061
 Ion Ratio Lower Upper
 82 100
 128 46.8 51.0 76.6#
 54 54.3 47.5 71.3



#24
 Nitrobenzene
 Concen: 40.28 ng
 RT: 7.53 min Scan# 472
 Delta R.T. -0.01 min
 Lab File: BF081811.D
 Acq: 25 Sep 2015 19:25

Tgt Ion: 77 Resp: 388141
 Ion Ratio Lower Upper
 77 100
 123 41.4 59.8 89.8#
 65 14.2 10.2 15.4





#25

Isophorone

Concen: 40.95 ng

RT: 7.77 min Scan# 493

Delta R.T. -0.01 min

Lab File: BF081811.D

Acq: 25 Sep 2015 19:25

Instrument :

BNA_F

ClientSampleId :

SP-1MSD

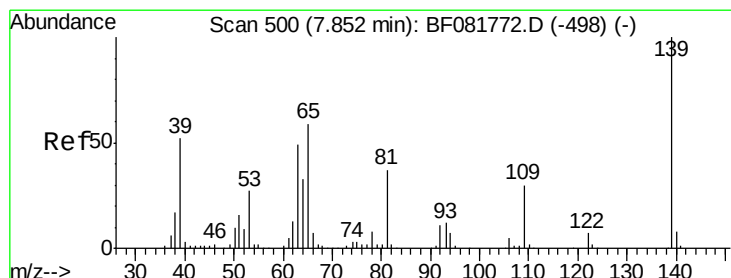
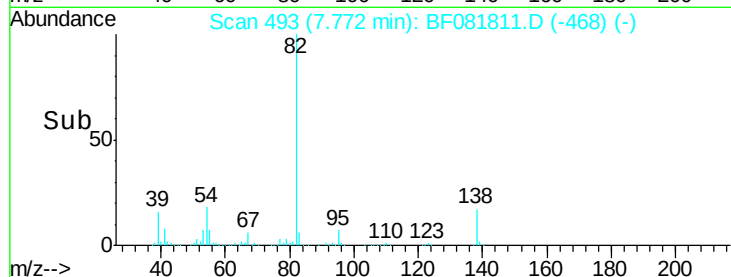
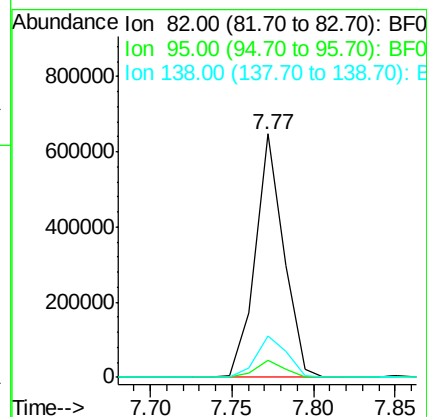
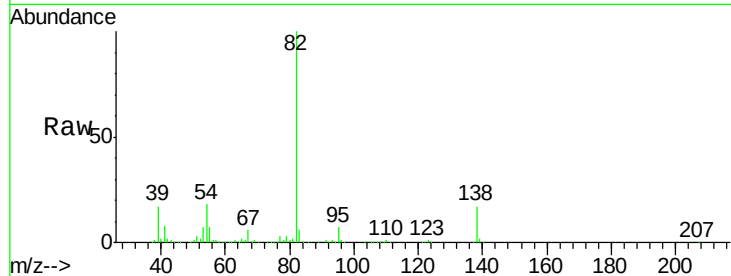
Tgt Ion: 82 Resp: 783553

Ion Ratio Lower Upper

82 100

95 7.0 4.0 6.0#

138 16.7 18.3 27.5#



#26

2-Nitrophenol

Concen: 66.51 ng

RT: 7.85 min Scan# 500

Delta R.T. 0.00 min

Lab File: BF081811.D

Acq: 25 Sep 2015 19:25

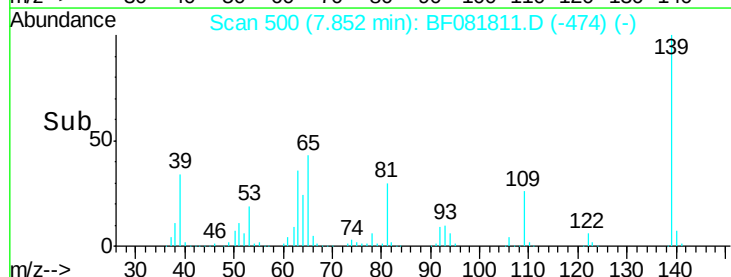
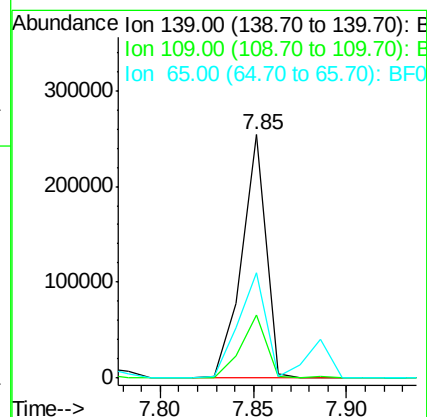
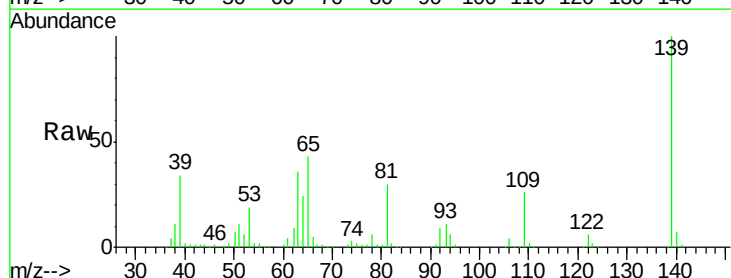
Tgt Ion: 139 Resp: 232796

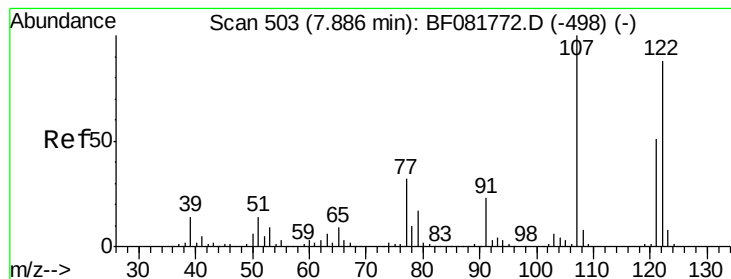
Ion Ratio Lower Upper

139 100

109 26.2 11.0 16.4#

65 43.4 24.7 37.1#





#27

2,4-Dimethylphenol

Concen: 45.05 ng

RT: 7.89 min Scan# 503

Delta R.T. 0.00 min

Lab File: BF081811.D

Acq: 25 Sep 2015 19:25

Instrument :

BNA_F

ClientSampleId :

SP-1MSD

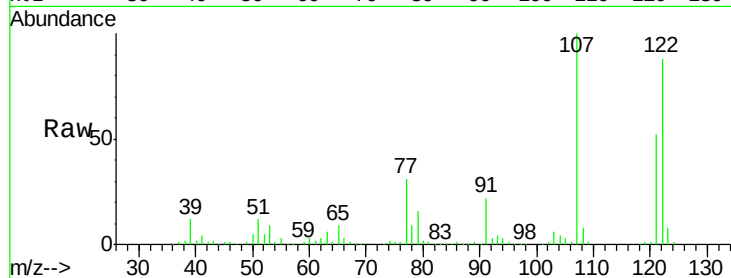
Tgt Ion:122 Resp: 390877

Ion Ratio Lower Upper

122 100

107 113.3 71.8 107.6#

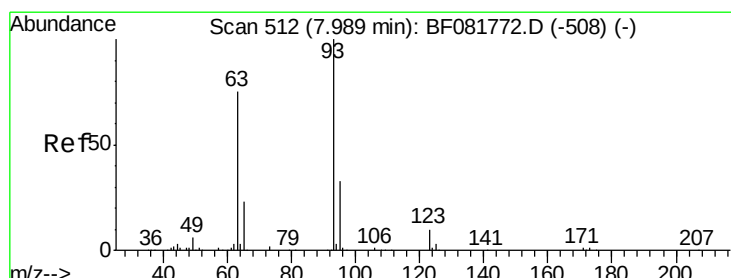
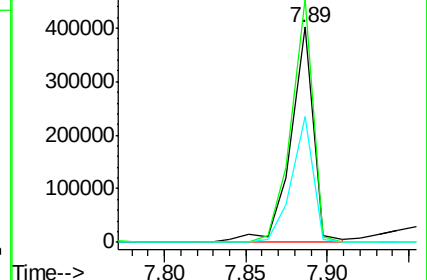
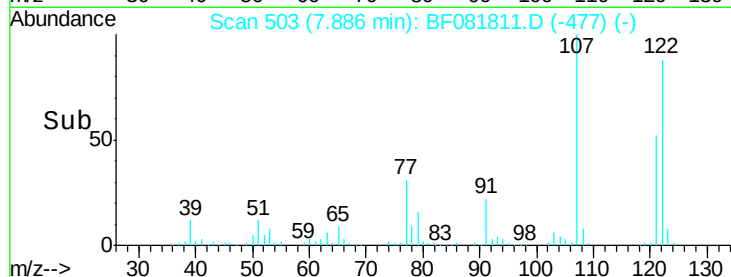
121 58.5 42.3 63.5



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: 47.54 ng

RT: 7.99 min Scan# 512

Delta R.T. 0.00 min

Lab File: BF081811.D

Acq: 25 Sep 2015 19:25

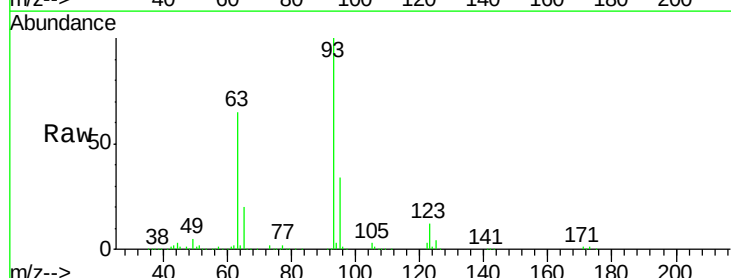
Tgt Ion: 93 Resp: 531373

Ion Ratio Lower Upper

93 100

95 33.7 27.5 41.3

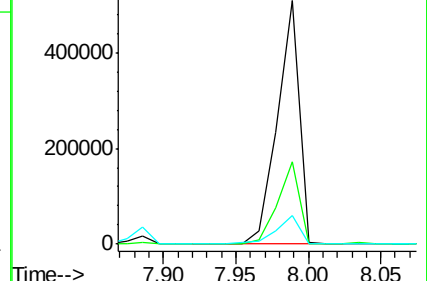
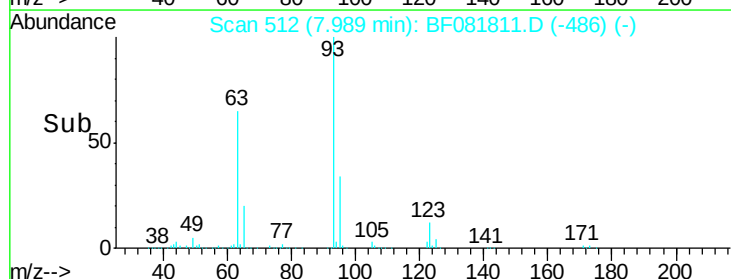
123 11.8 13.7 20.5#

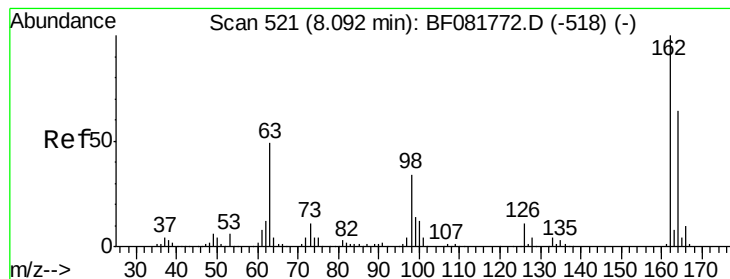


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 48.79 ng

RT: 8.09 min Scan# 521

Delta R.T. 0.00 min

Lab File: BF081811.D

Acq: 25 Sep 2015 19:25

Instrument :

BNA_F

ClientSampleId :

SP-1MSD

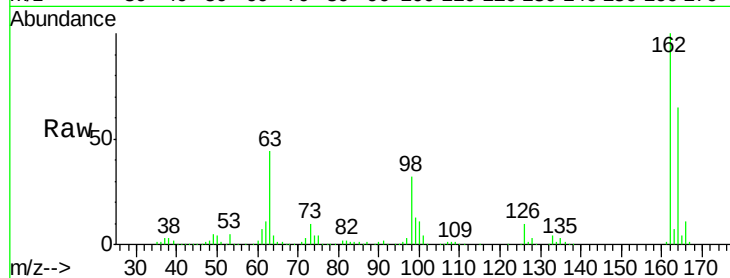
Tgt Ion:162 Resp: 394118

Ion Ratio Lower Upper

162 100

164 64.9 44.9 84.9

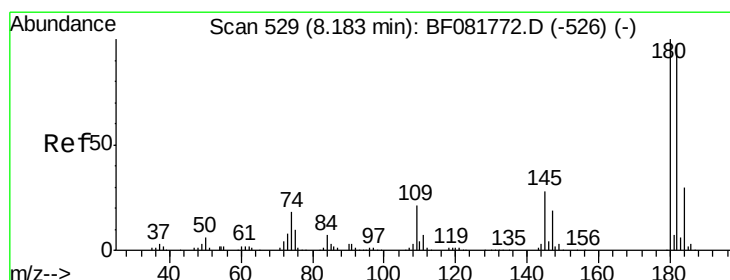
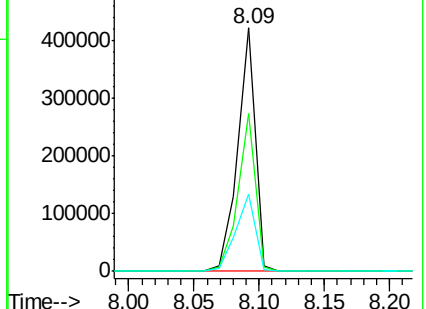
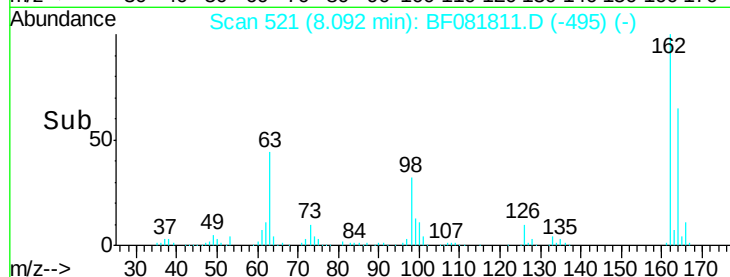
98 31.9 13.0 53.0



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF0



#30

1,2,4-Trichlorobenzene

Concen: 41.24 ng

RT: 8.17 min Scan# 528

Delta R.T. -0.01 min

Lab File: BF081811.D

Acq: 25 Sep 2015 19:25

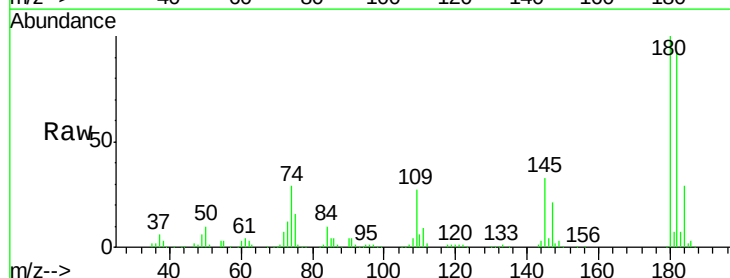
Tgt Ion:180 Resp: 373946

Ion Ratio Lower Upper

180 100

182 92.7 77.1 115.7

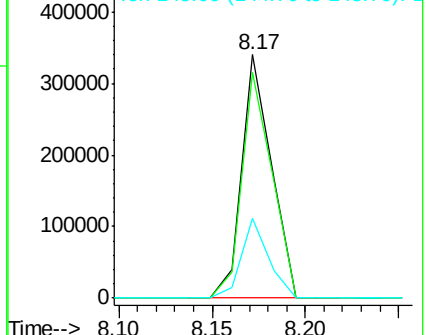
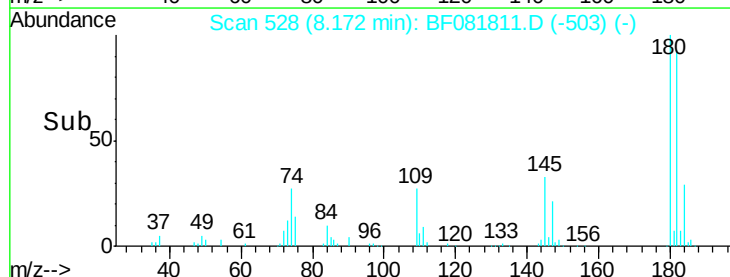
145 32.6 23.3 34.9

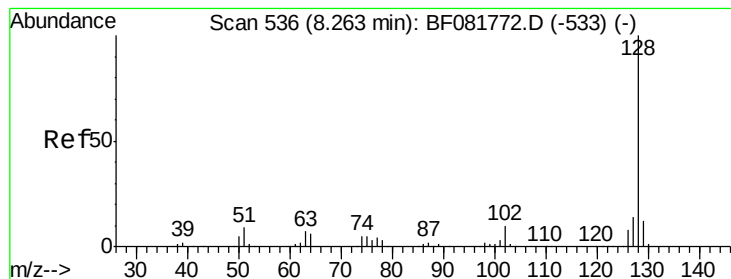


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 44.32 ng

RT: 8.26 min Scan# 536

Delta R.T. 0.00 min

Lab File: BF081811.D

Acq: 25 Sep 2015 19:25

Instrument :

BNA_F

ClientSampleId :

SP-1MSD

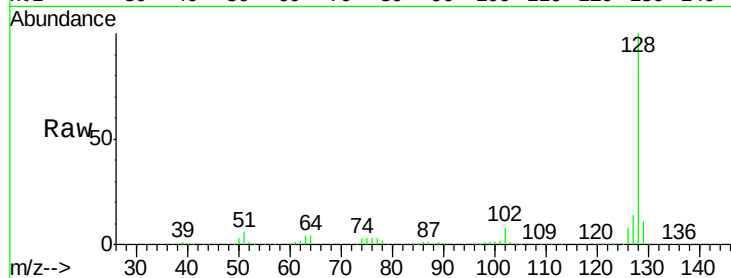
Tgt Ion:128 Resp: 1165072

Ion Ratio Lower Upper

128 100

129 11.3 8.4 12.6

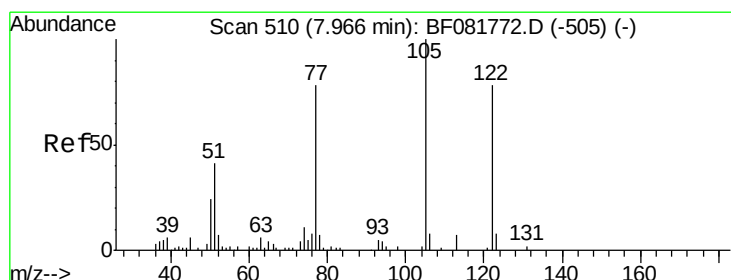
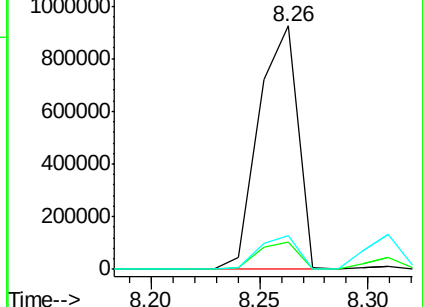
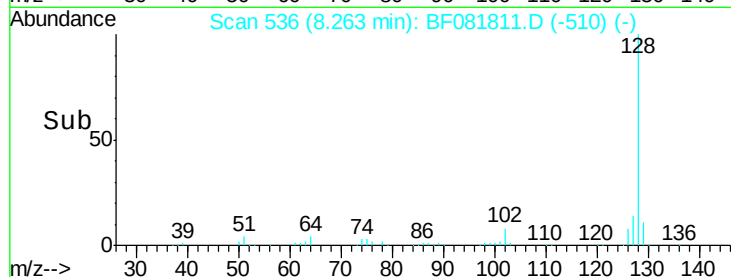
127 13.6 9.9 14.9



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: 74.65 ng

RT: 7.98 min Scan# 511

Delta R.T. 0.01 min

Lab File: BF081811.D

Acq: 25 Sep 2015 19:25

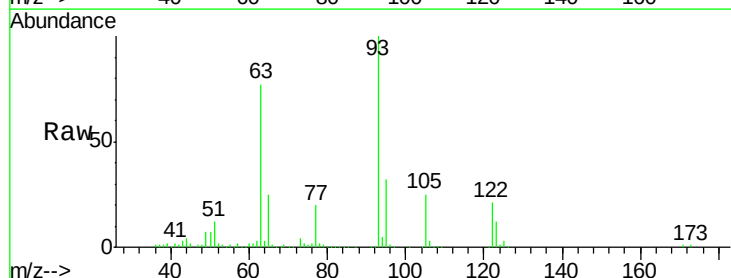
Tgt Ion:122 Resp: 126114

Ion Ratio Lower Upper

122 100

105 122.1 76.1 116.1#

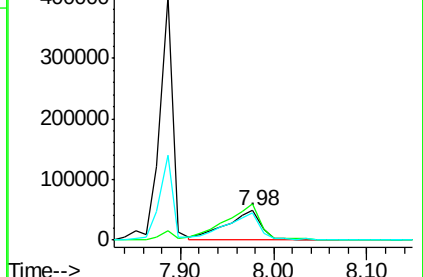
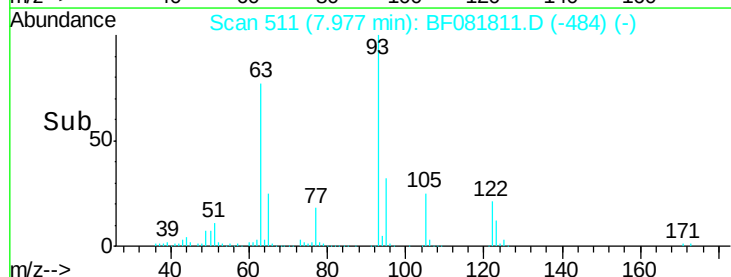
77 94.0 40.5 80.5#

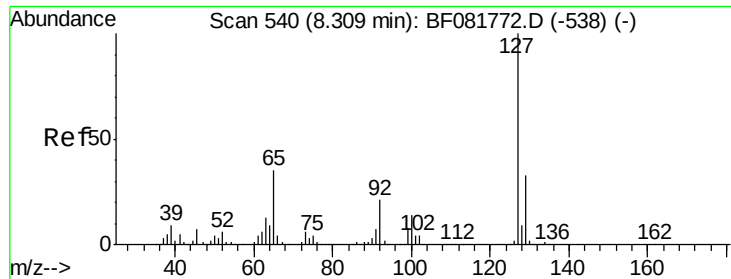


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

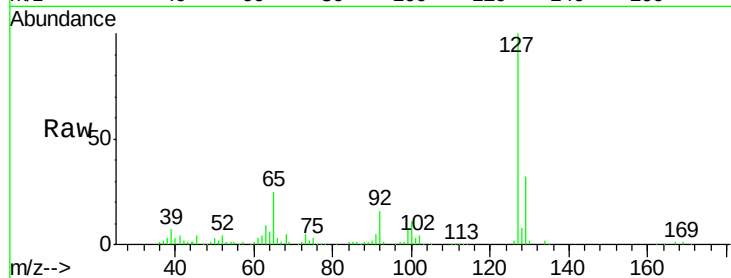




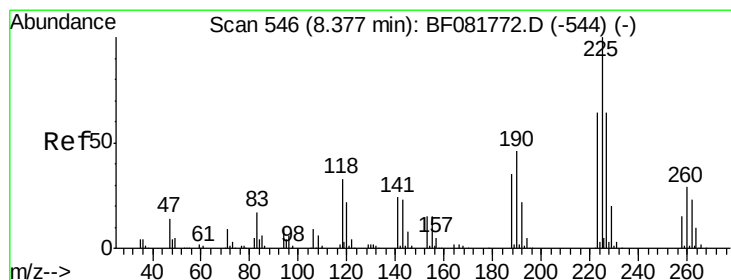
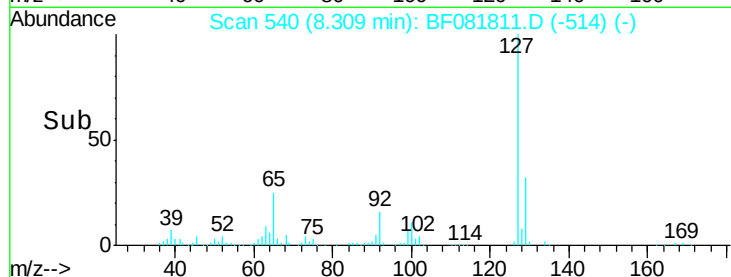
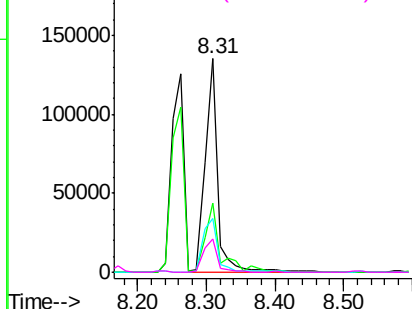
#33
4-Chloroaniline
Concen: 14.82 ng
RT: 8.31 min Scan# 540
Delta R.T. 0.00 min
Lab File: BF081811.D
Acq: 25 Sep 2015 19:25

Instrument :
BNA_F
ClientSampleId :
SP-1MSD

Tgt Ion:	127	Resp:	171014
Ion	Ratio	Lower	Upper
127	100		
129	32.5	25.8	38.6
65	25.1	17.9	26.9
92	15.8	10.5	15.7#

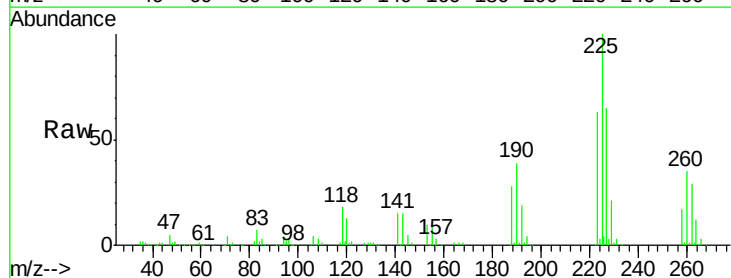


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

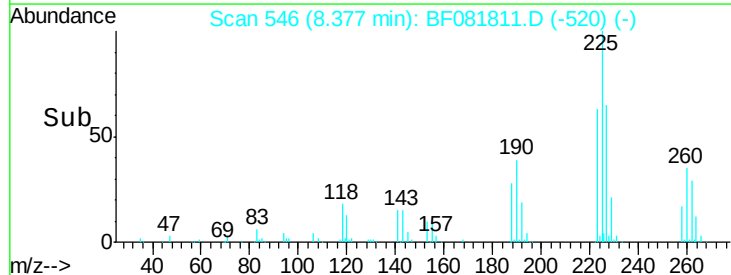
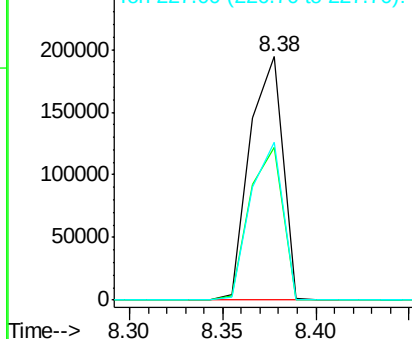


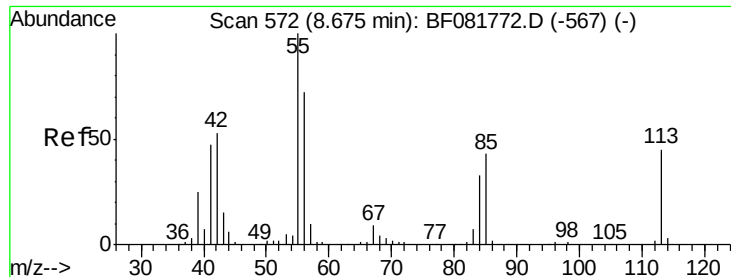
#34
Hexachlorobutadiene
Concen: 44.31 ng
RT: 8.38 min Scan# 546
Delta R.T. 0.00 min
Lab File: BF081811.D
Acq: 25 Sep 2015 19:25

Tgt Ion:	225	Resp:	236946
Ion	Ratio	Lower	Upper
225	100		
223	62.7	50.2	75.2
227	64.7	52.2	78.2



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





#35

Caprolactam

Concen: 29.93 ng

RT: 8.69 min Scan# 573

Delta R.T. 0.01 min

Lab File: BF081811.D

Acq: 25 Sep 2015 19:25

Instrument :

BNA_F

ClientSampleId :

SP-1MSD

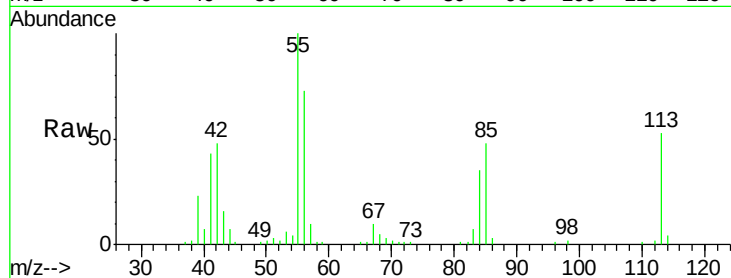
Tgt Ion:113 Resp: 64586

Ion Ratio Lower Upper

113 100

55 188.0 152.4 192.4

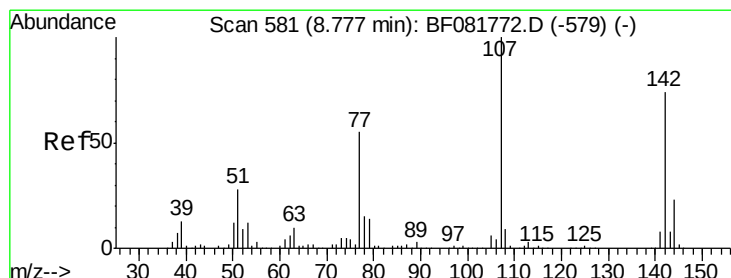
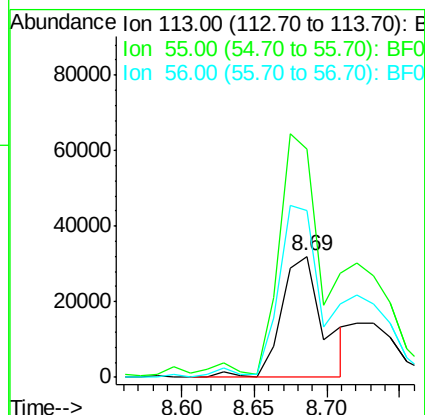
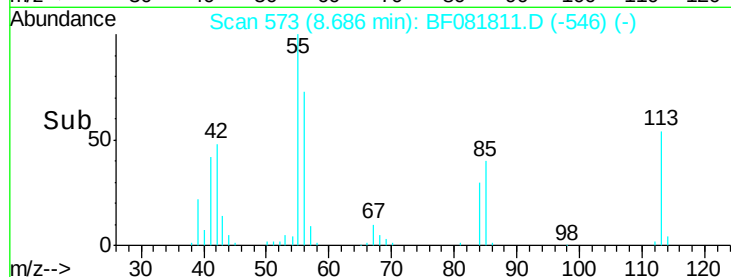
56 136.9 104.6 144.6



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 45.01 ng

RT: 8.78 min Scan# 581

Delta R.T. 0.00 min

Lab File: BF081811.D

Acq: 25 Sep 2015 19:25

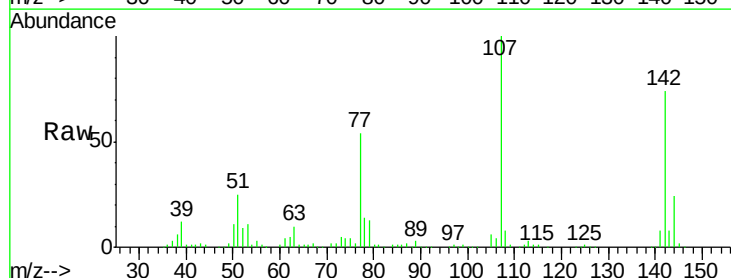
Tgt Ion:107 Resp: 364354

Ion Ratio Lower Upper

107 100

144 24.0 25.4 38.0#

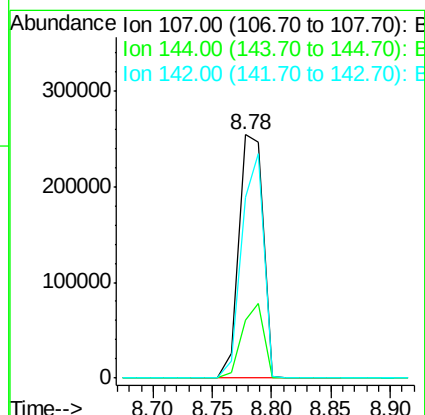
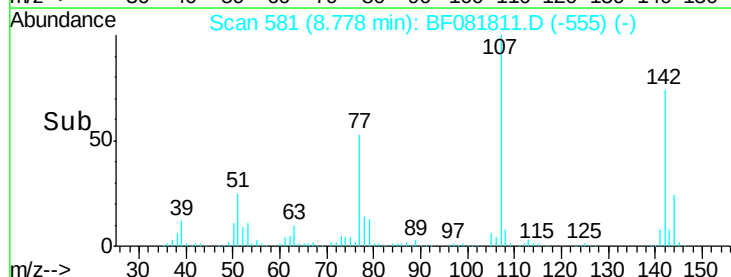
142 74.4 77.3 115.9#

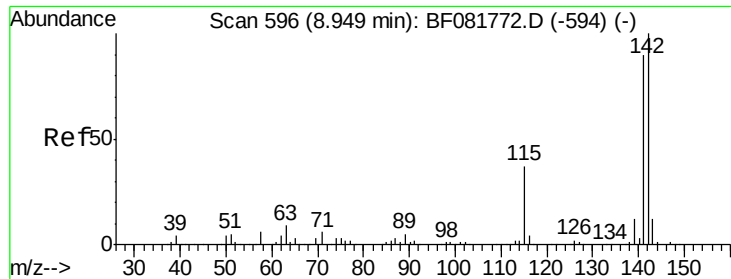


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

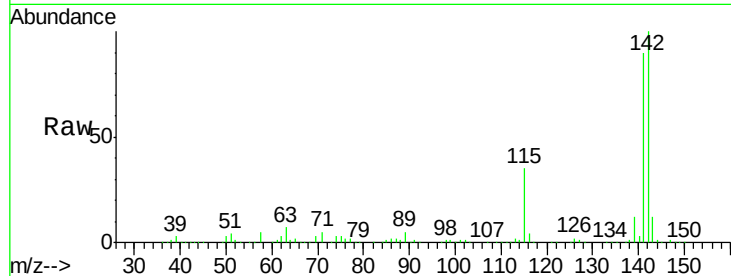




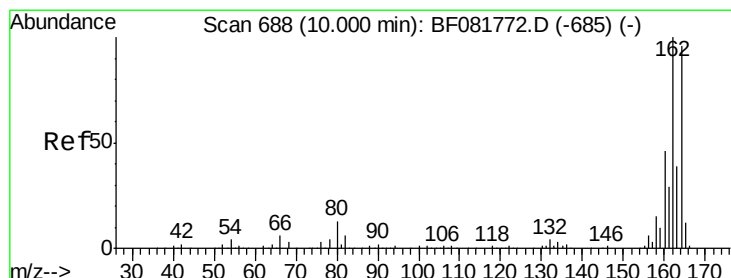
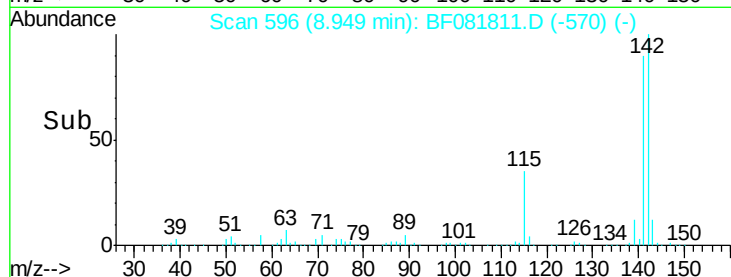
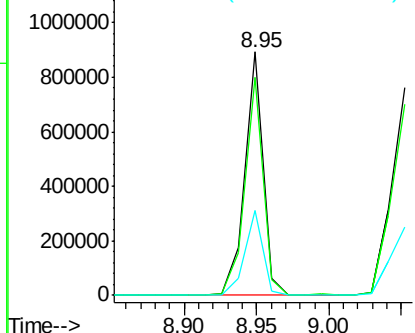
#37
 2-Methylnaphthalene
 Concen: 41.73 ng
 RT: 8.95 min Scan# 596
 Delta R.T. 0.00 min
 Lab File: BF081811.D
 Acq: 25 Sep 2015 19:25

Instrument :
 BNA_F
 ClientSampleId :
 SP-1MSD

Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.8	67.5	101.3
115	35.0	18.2	27.2

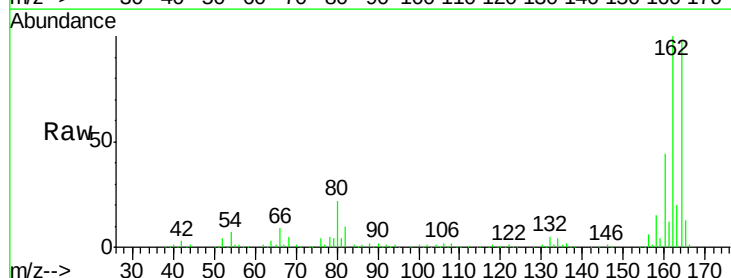


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

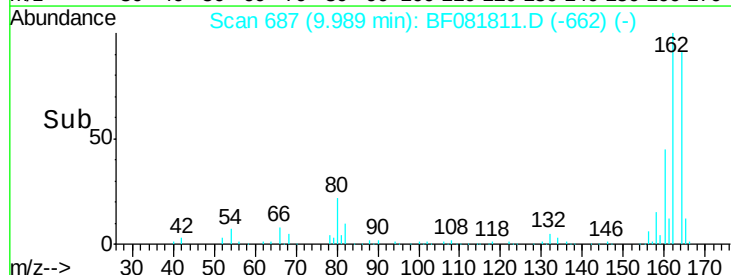
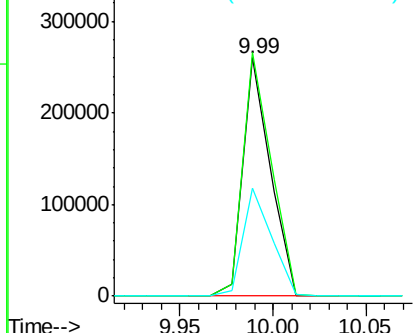


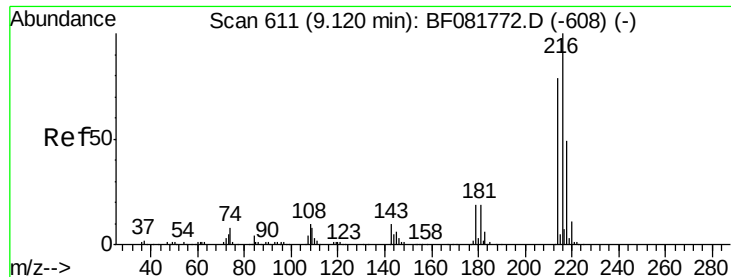
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.99 min Scan# 687
 Delta R.T. -0.01 min
 Lab File: BF081811.D
 Acq: 25 Sep 2015 19:25

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.3	75.2	112.8
160	45.4	31.5	47.3



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

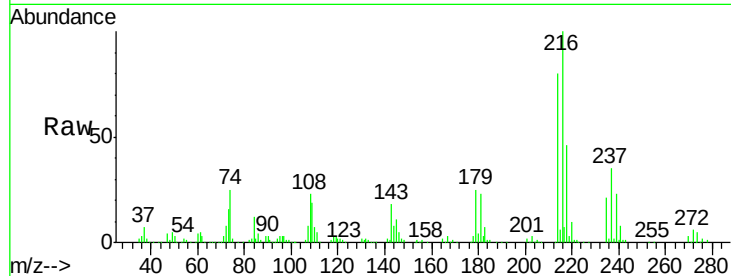




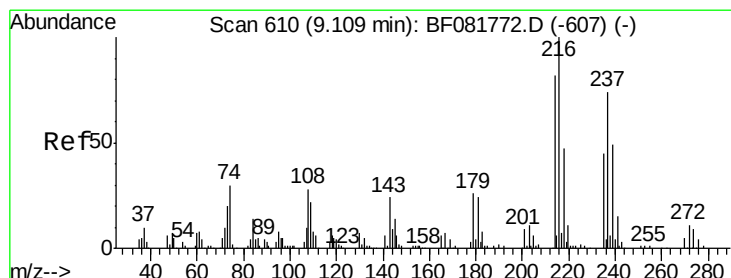
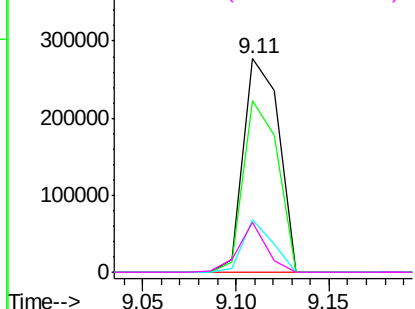
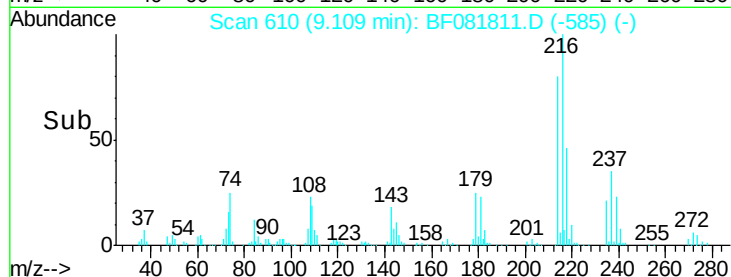
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 42.90 ng
 RT: 9.11 min Scan# 610
 Delta R.T. -0.01 min
 Lab File: BF081811.D
 Acq: 25 Sep 2015 19:25

Instrument :
 BNA_F
 ClientSampleId :
 SP-1MSD

Tgt Ion:	216	Resp:	364391
Ion	Ratio	Lower	Upper
216	100		
214	77.9	63.5	95.3
179	20.7	16.6	24.8
108	18.5	16.3	24.5

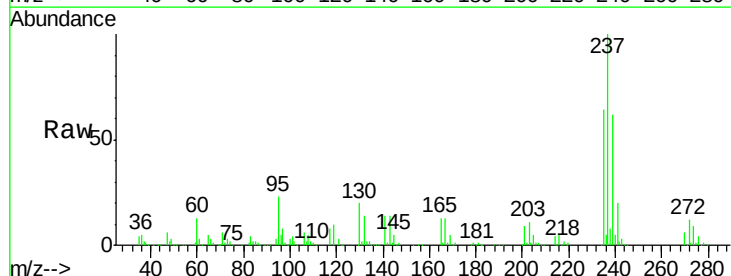


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

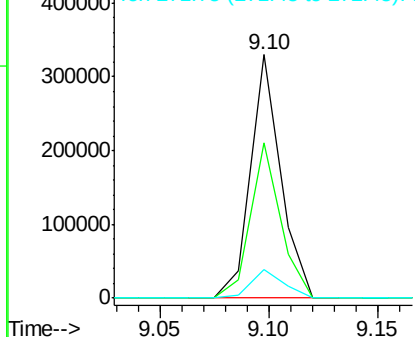
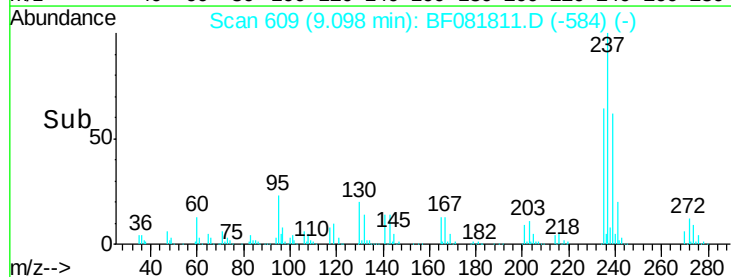


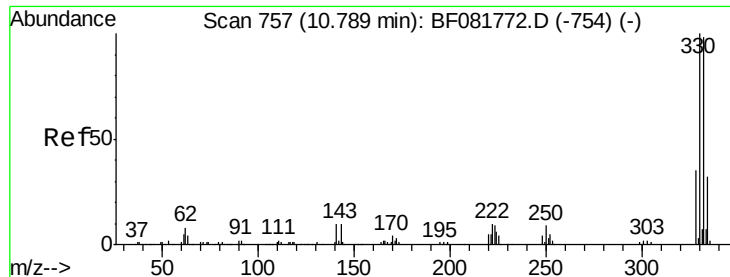
#40
 Hexachlorocyclopentadiene
 Concen: 87.46 ng
 RT: 9.10 min Scan# 609
 Delta R.T. -0.01 min
 Lab File: BF081811.D
 Acq: 25 Sep 2015 19:25

Tgt Ion:	237	Resp:	318364
Ion	Ratio	Lower	Upper
237	100		
235	63.6	42.0	82.0
272	11.7	0.0	36.1



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

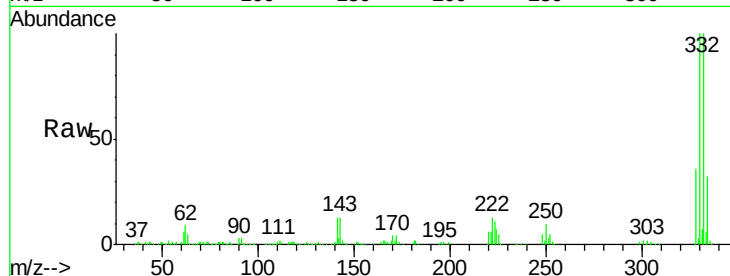




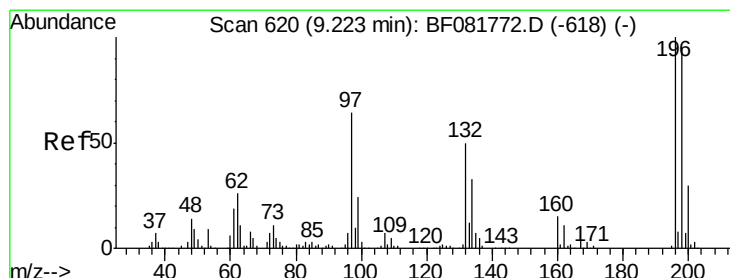
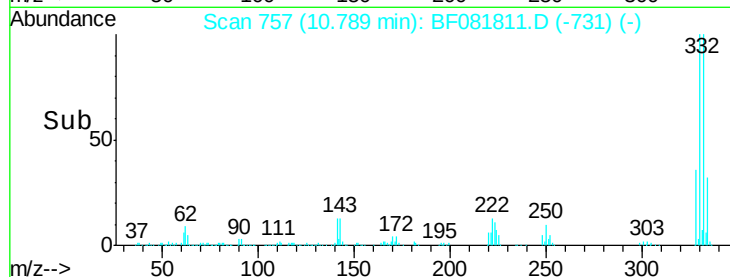
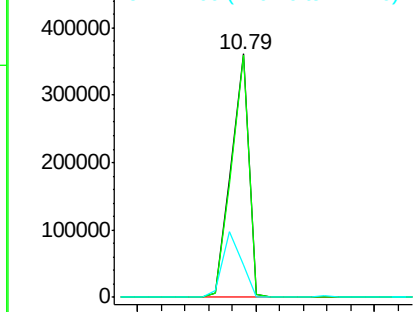
#41
 2,4,6-Tribromophenol
 Concen: 163.77 ng
 RT: 10.79 min Scan# 757
 Delta R.T. 0.00 min
 Lab File: BF081811.D
 Acq: 25 Sep 2015 19:25

Instrument :
 BNA_F
 ClientSampleId :
 SP-1MSD

Tgt Ion:330 Resp: 378371
 Ion Ratio Lower Upper
 330 100
 332 98.4 76.6 114.8
 141 28.6 29.7 44.5#

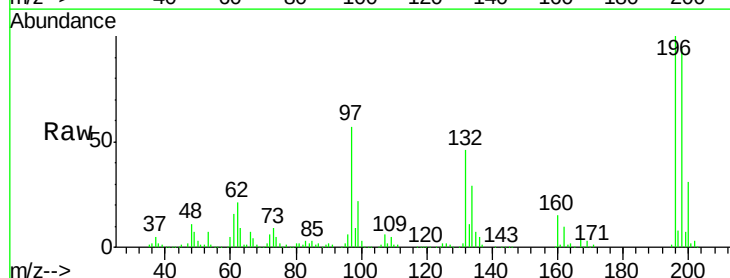


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

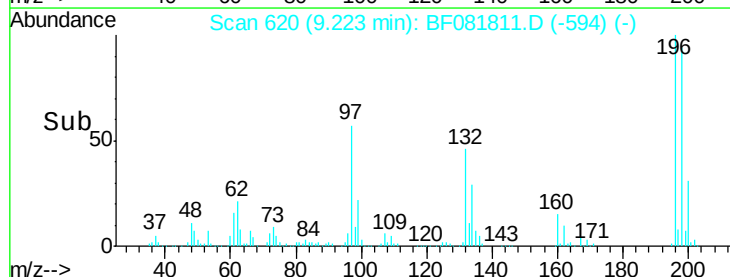
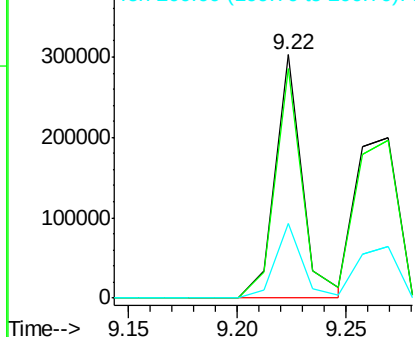


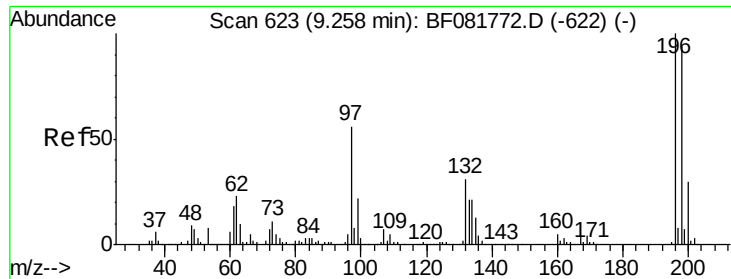
#42
 2,4,6-Trichlorophenol
 Concen: 47.31 ng
 RT: 9.22 min Scan# 620
 Delta R.T. 0.00 min
 Lab File: BF081811.D
 Acq: 25 Sep 2015 19:25

Tgt Ion:196 Resp: 264736
 Ion Ratio Lower Upper
 196 100
 198 94.1 75.7 113.5
 200 30.7 23.9 35.9



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

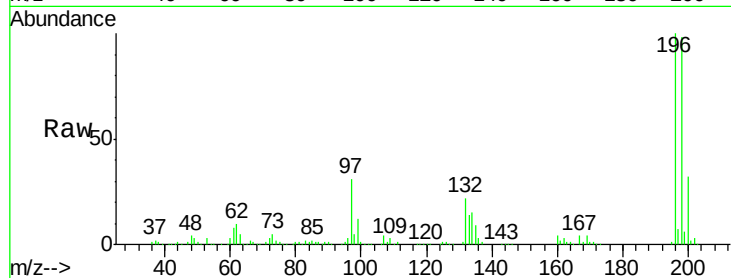




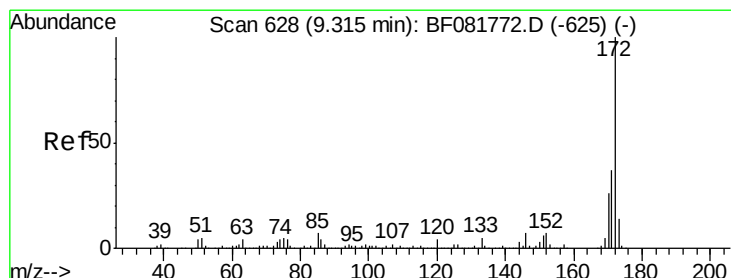
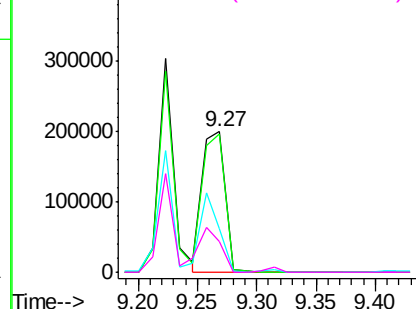
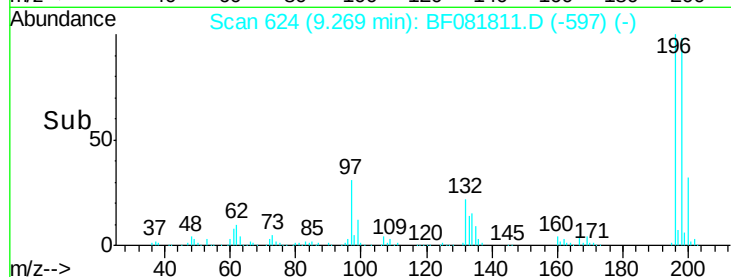
#43
 2,4,5-Trichlorophenol
 Concen: 49.32 ng
 RT: 9.27 min Scan# 624
 Delta R.T. 0.01 min
 Lab File: BF081811.D
 Acq: 25 Sep 2015 19:25

Instrument :
 BNA_F
 ClientSampleId :
 SP-1MSD

Tgt Ion	Ratio	Lower	Upper
196	100		
198	98.2	75.4	113.0
97	31.0	33.3	49.9#
132	22.2	24.6	37.0#

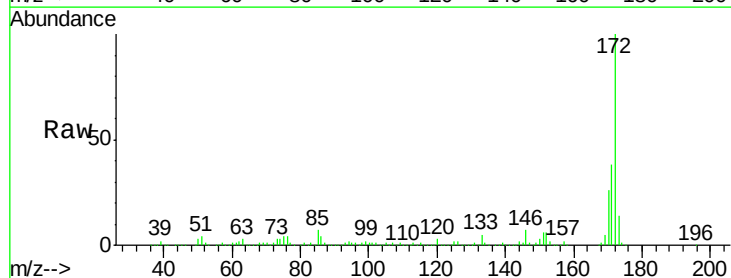


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

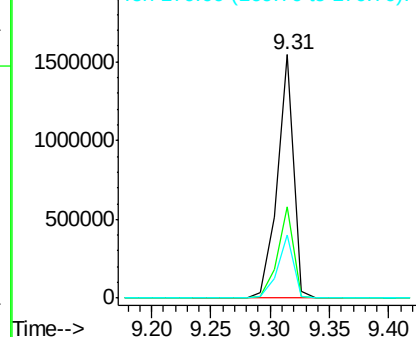
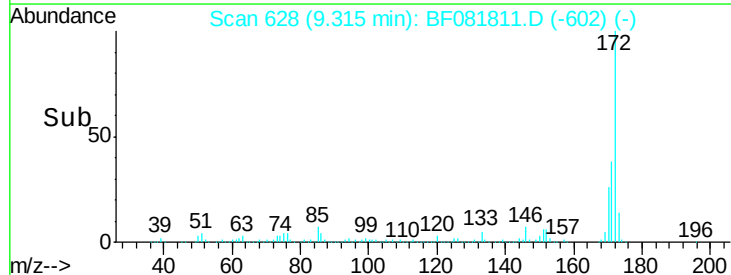


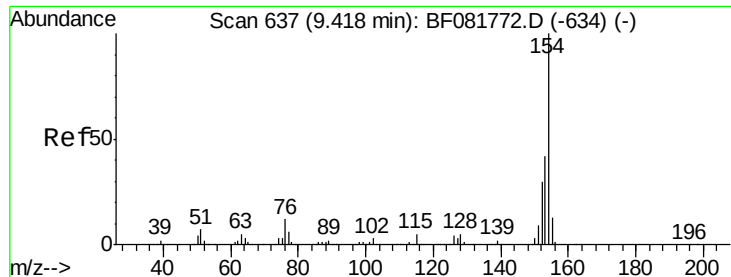
#44
 2-Fluorobiphenyl
 Concen: 90.78 ng
 RT: 9.31 min Scan# 628
 Delta R.T. 0.00 min
 Lab File: BF081811.D
 Acq: 25 Sep 2015 19:25

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.6	26.1	39.1
170	25.8	17.4	26.2



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: 48.47 ng

RT: 9.42 min Scan# 637

Delta R.T. 0.00 min

Lab File: BF081811.D

Acq: 25 Sep 2015 19:25

Instrument :

BNA_F

ClientSampled :

SP-1MSD

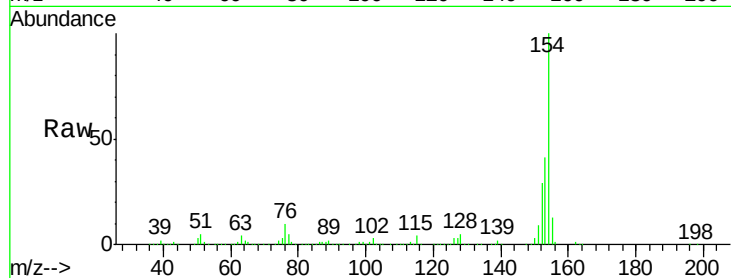
Tgt Ion:154 Resp: 1008540

Ion Ratio Lower Upper

154 100

153 40.6 17.1 57.1

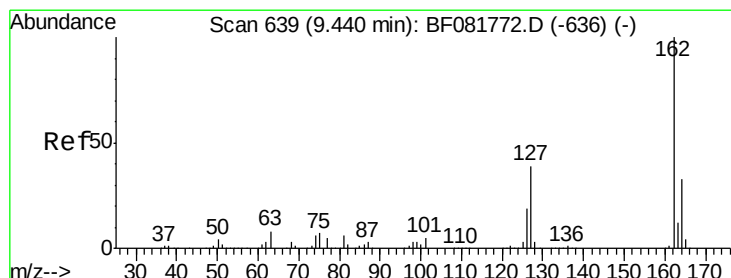
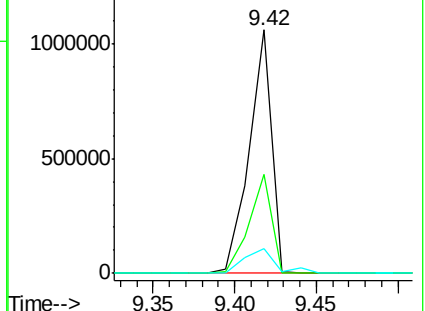
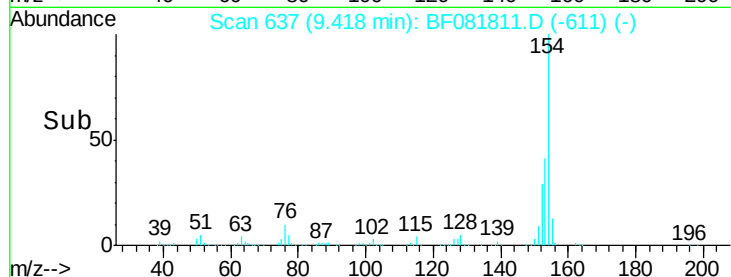
76 10.0 0.0 31.6



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: 44.49 ng

RT: 9.44 min Scan# 639

Delta R.T. 0.00 min

Lab File: BF081811.D

Acq: 25 Sep 2015 19:25

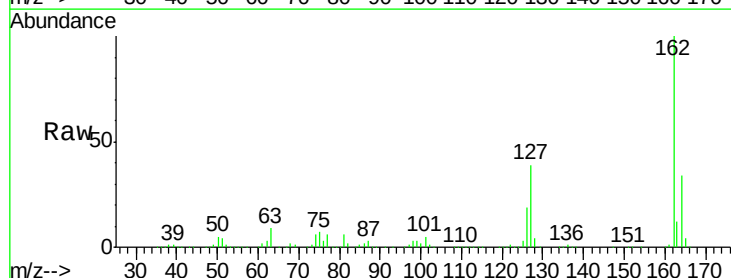
Tgt Ion:162 Resp: 744714

Ion Ratio Lower Upper

162 100

127 39.0 27.6 41.4

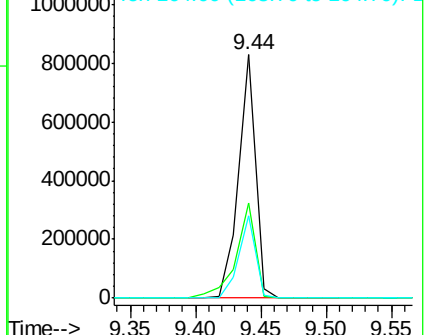
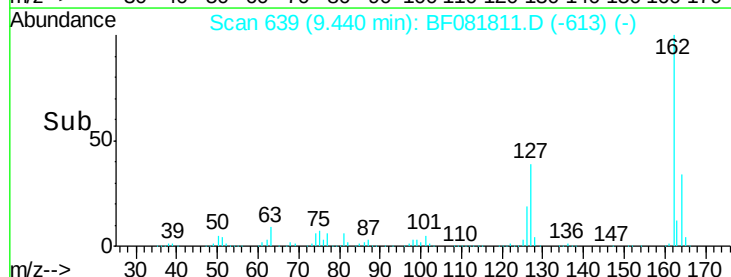
164 33.7 25.4 38.2

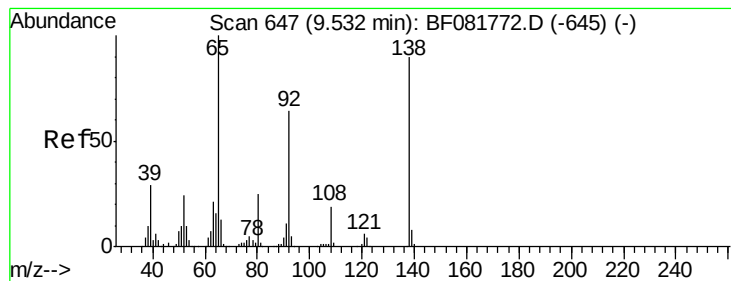


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 47.21 ng

RT: 9.53 min Scan# 647

Delta R.T. 0.00 min

Lab File: BF081811.D

Acq: 25 Sep 2015 19:25

Instrument :

BNA_F

ClientSampleId :

SP-1MSD

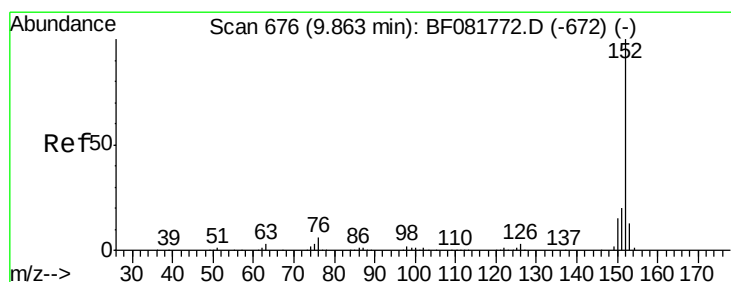
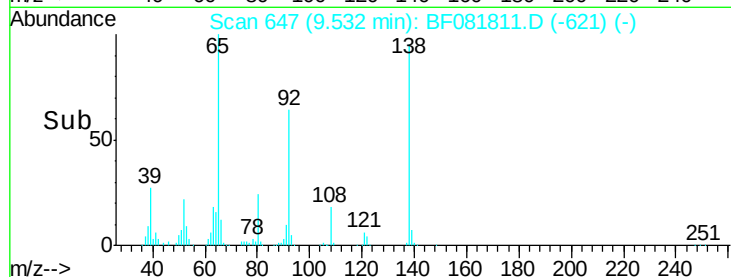
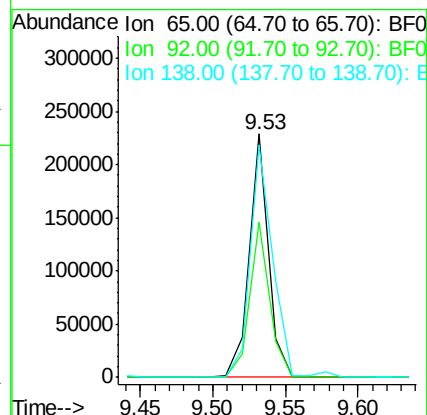
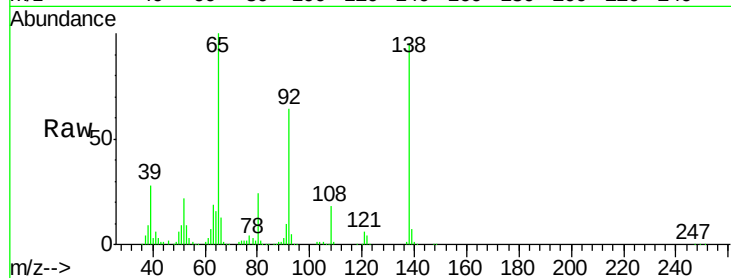
Tgt Ion: 65 Resp: 210185

Ion Ratio Lower Upper

65 100

92 64.0 55.4 83.0

138 95.3 115.5 173.3#



#48

Acenaphthylene

Concen: 37.81 ng

RT: 9.85 min Scan# 675

Delta R.T. -0.01 min

Lab File: BF081811.D

Acq: 25 Sep 2015 19:25

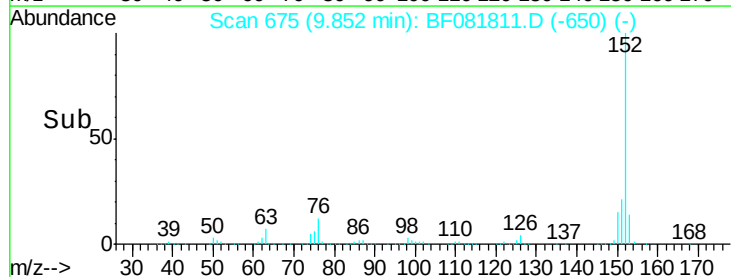
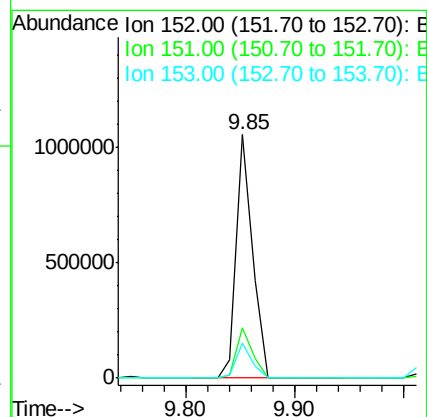
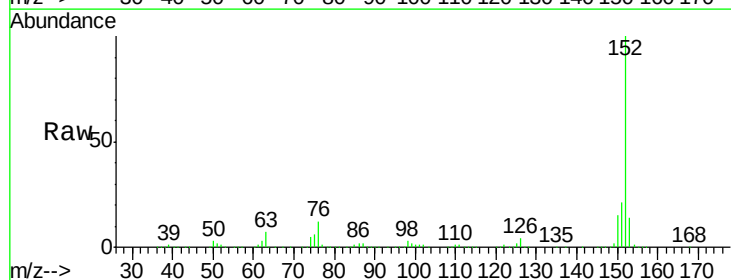
Tgt Ion: 152 Resp: 1071101

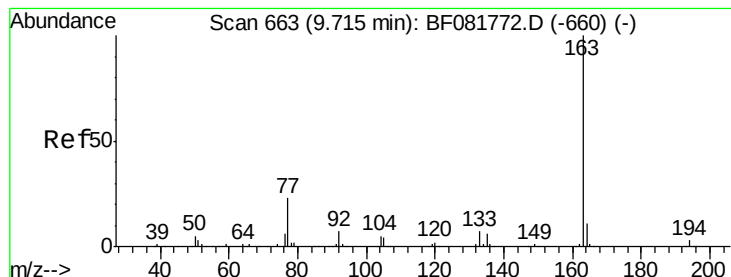
Ion Ratio Lower Upper

152 100

151 20.9 14.6 22.0

153 14.2 10.3 15.5





#49

Dimethylphthalate

Concen: 55.84 ng

RT: 9.71 min Scan# 663

Delta R.T. 0.00 min

Lab File: BF081811.D

Acq: 25 Sep 2015 19:25

Instrument :

BNA_F

ClientSampleId :

SP-1MSD

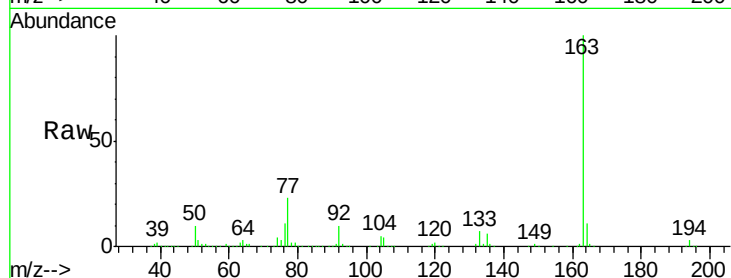
Tgt Ion:163 Resp: 1130830

Ion Ratio Lower Upper

163 100

194 3.5 4.4 6.6#

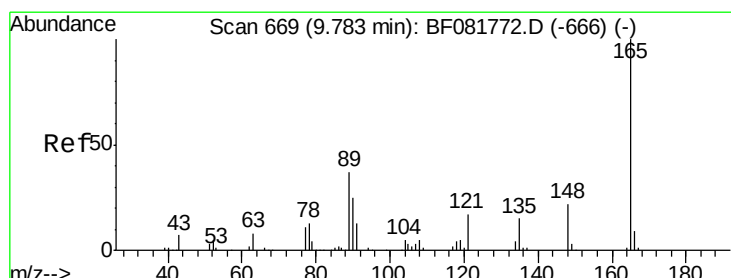
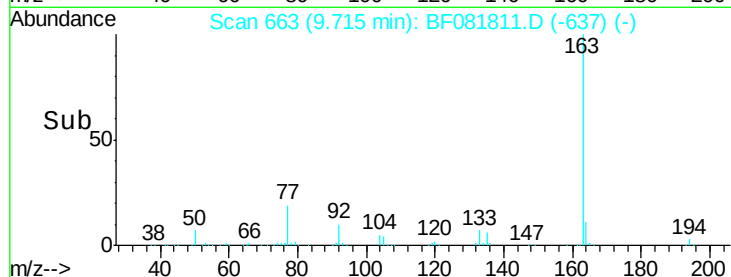
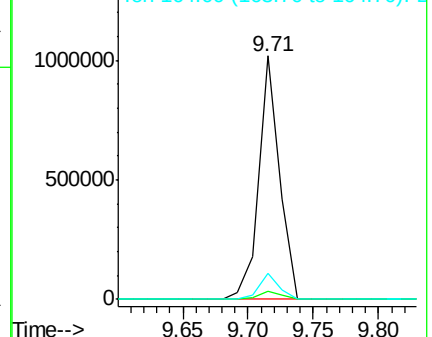
164 10.9 8.3 12.5



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 53.81 ng

RT: 9.78 min Scan# 669

Delta R.T. 0.00 min

Lab File: BF081811.D

Acq: 25 Sep 2015 19:25

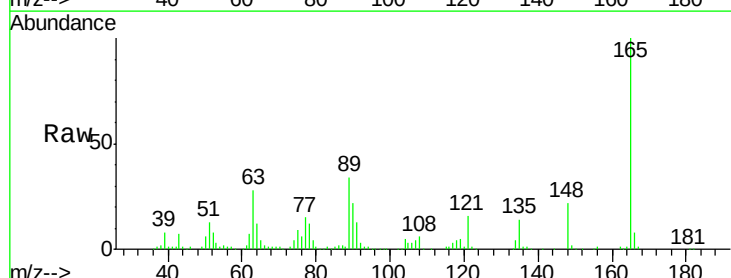
Tgt Ion:165 Resp: 210307

Ion Ratio Lower Upper

165 100

63 28.0 32.3 48.5#

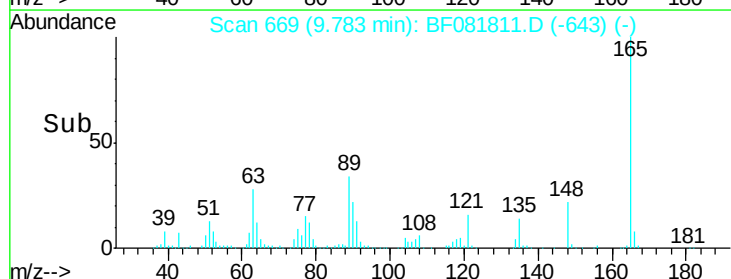
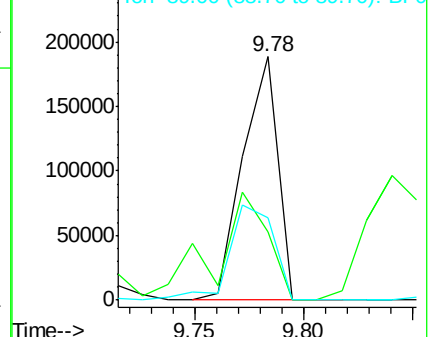
89 33.8 28.6 43.0

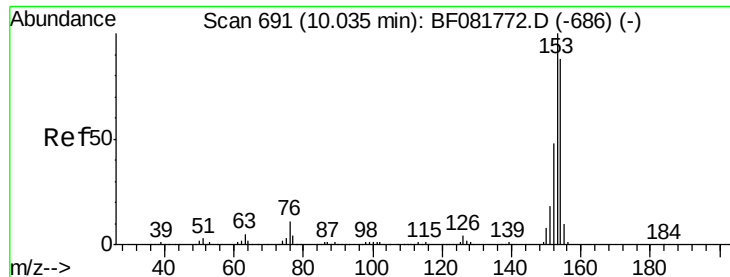


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 44.27 ng

RT: 10.02 min Scan# 690

Delta R.T. -0.01 min

Lab File: BF081811.D

Acq: 25 Sep 2015 19:25

Instrument :

BNA_F

ClientSampleId :

SP-1MSD

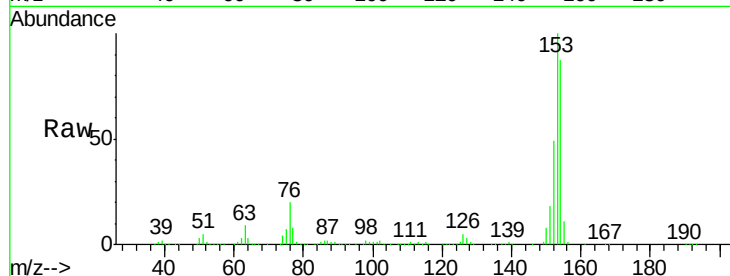
Tgt Ion:154 Resp: 722681

Ion Ratio Lower Upper

154 100

153 114.4 82.1 123.1

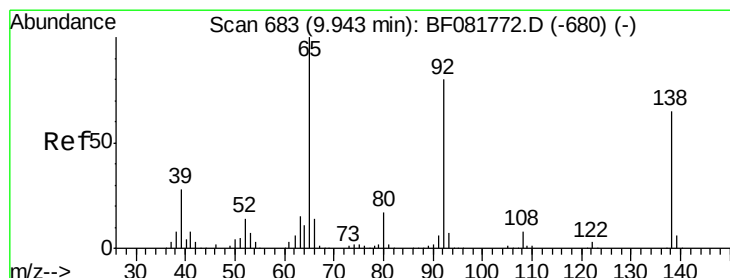
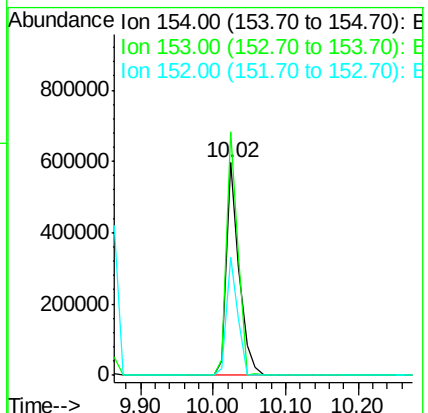
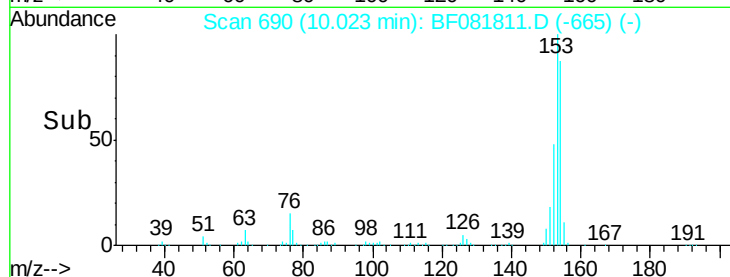
152 55.5 37.9 56.9



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: 33.36 ng

RT: 9.94 min Scan# 683

Delta R.T. 0.00 min

Lab File: BF081811.D

Acq: 25 Sep 2015 19:25

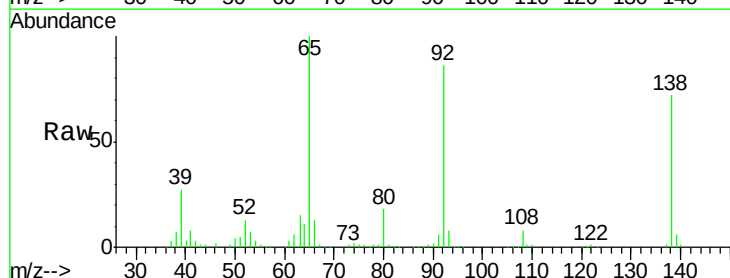
Tgt Ion:138 Resp: 141431

Ion Ratio Lower Upper

138 100

108 10.7 5.7 8.5#

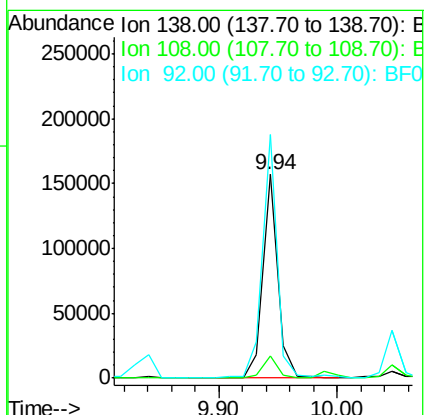
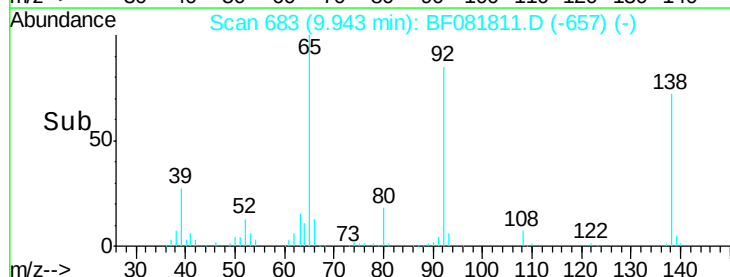
92 119.7 67.7 101.5#

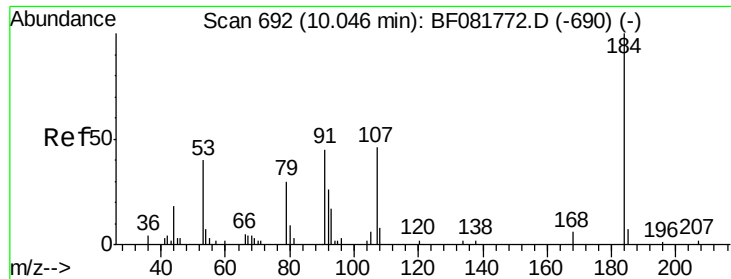


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

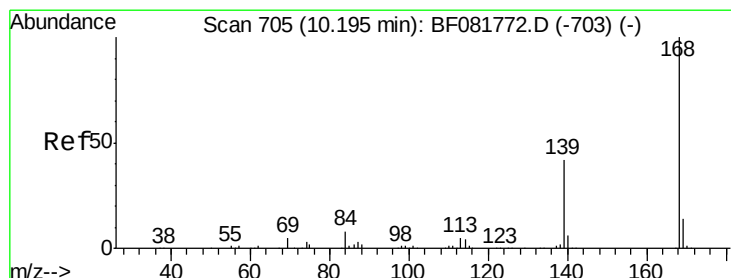
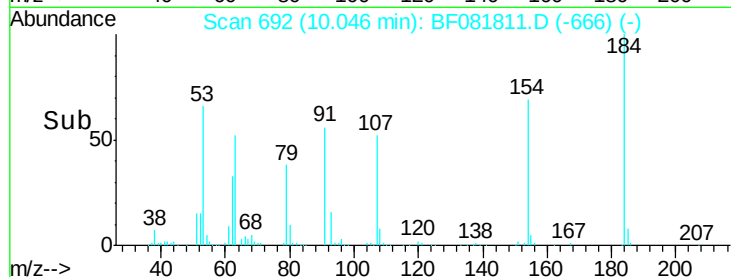
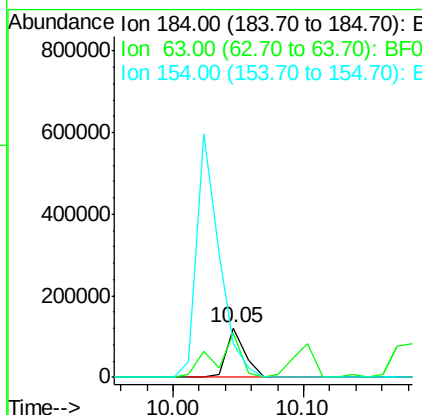
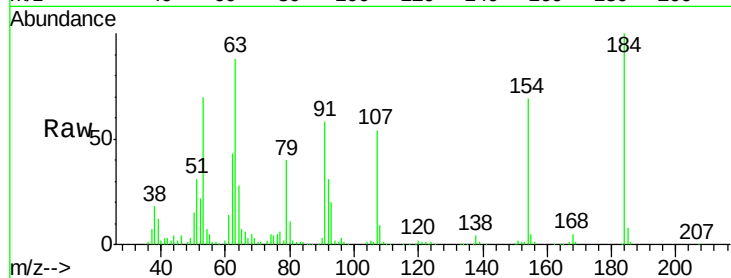




#53
2,4-Dinitrophenol
Concen: 111.91 ng
RT: 10.05 min Scan# 692
Delta R.T. 0.00 min
Lab File: BF081811.D
Acq: 25 Sep 2015 19:25

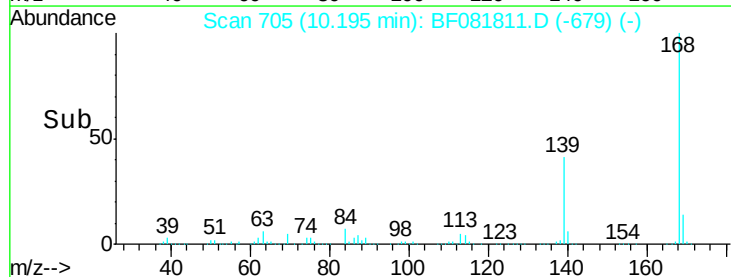
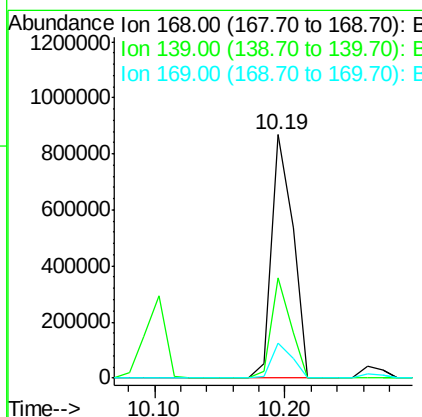
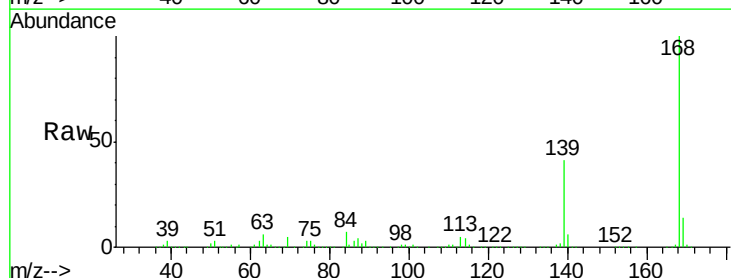
Instrument :
BNA_F
ClientSampleId :
SP-1MSD

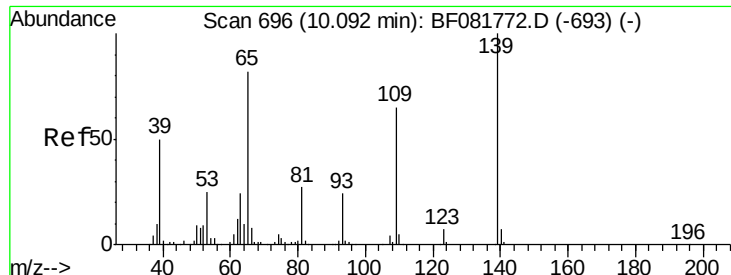
Tgt Ion:184 Resp: 118903
Ion Ratio Lower Upper
184 100
63 88.2 35.4 53.2#
154 69.3 32.2 48.4#



#54
Dibenzofuran
Concen: 41.88 ng
RT: 10.19 min Scan# 705
Delta R.T. 0.00 min
Lab File: BF081811.D
Acq: 25 Sep 2015 19:25

Tgt Ion:168 Resp: 1002756
Ion Ratio Lower Upper
168 100
139 41.0 24.2 36.2#
169 14.2 10.6 15.8

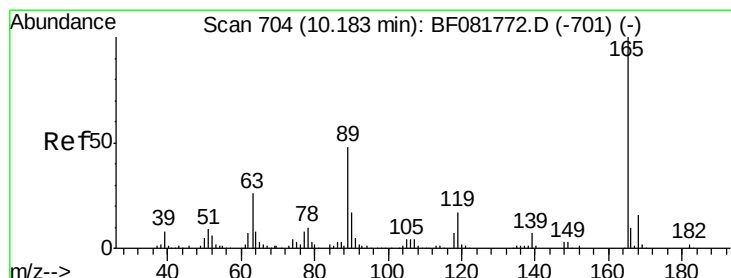
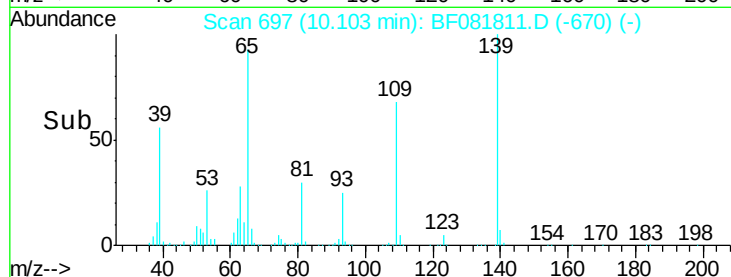
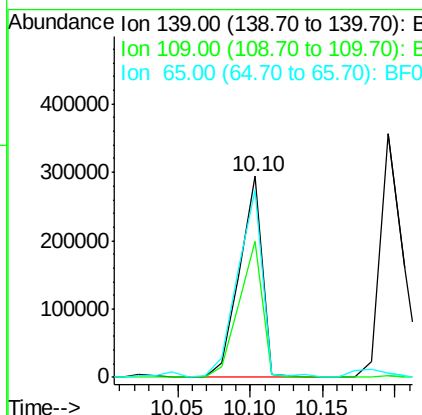
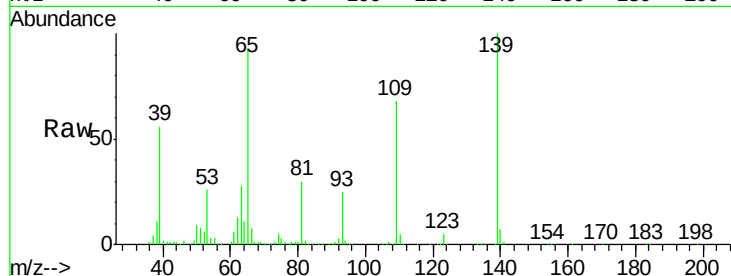




#55
4-Nitrophenol
Concen: 110.23 ng
RT: 10.10 min Scan# 697
Delta R.T. 0.01 min
Lab File: BF081811.D
Acq: 25 Sep 2015 19:25

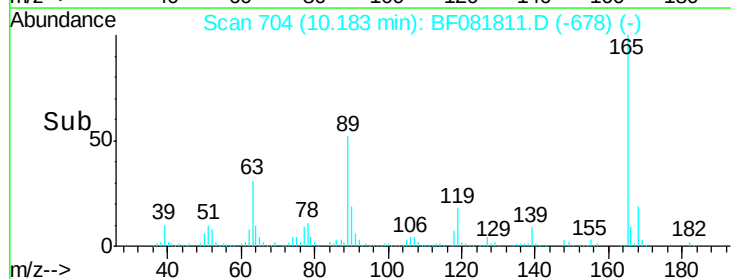
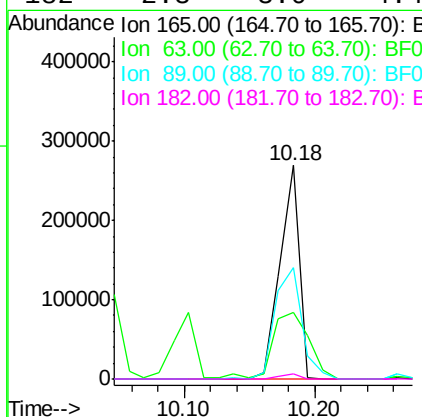
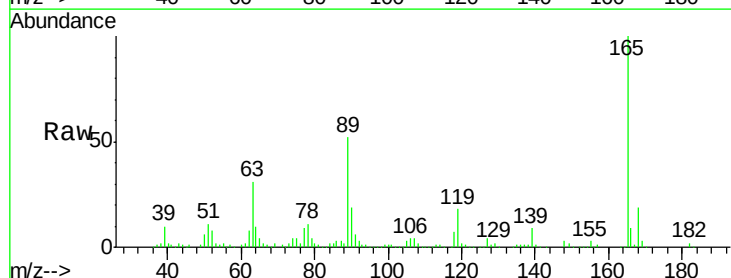
Instrument :
BNA_F
ClientSampleId :
SP-1MSD

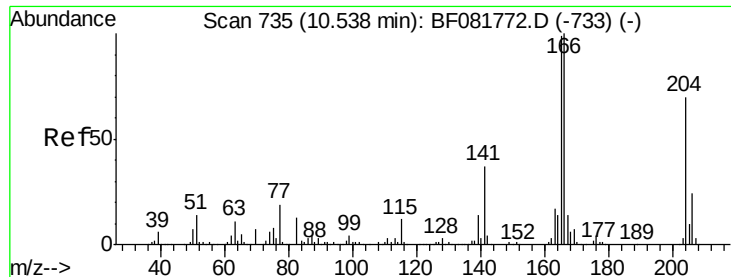
Tgt Ion:139 Resp: 322266
Ion Ratio Lower Upper
139 100
109 67.6 12.7 52.7#
65 93.0 45.9 85.9#



#56
2,4-Dinitrotoluene
Concen: 59.84 ng
RT: 10.18 min Scan# 704
Delta R.T. 0.00 min
Lab File: BF081811.D
Acq: 25 Sep 2015 19:25

Tgt Ion:165 Resp: 280007
Ion Ratio Lower Upper
165 100
63 31.2 29.8 44.6
89 52.1 44.5 66.7
182 2.3 3.0 4.4#

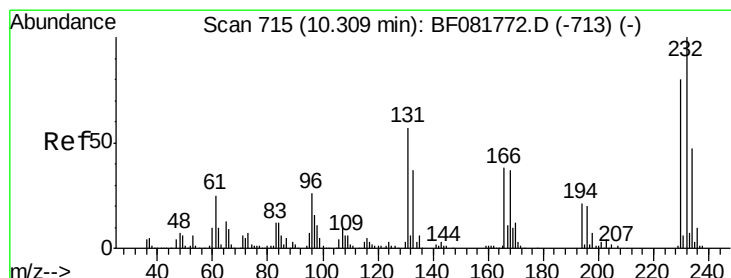
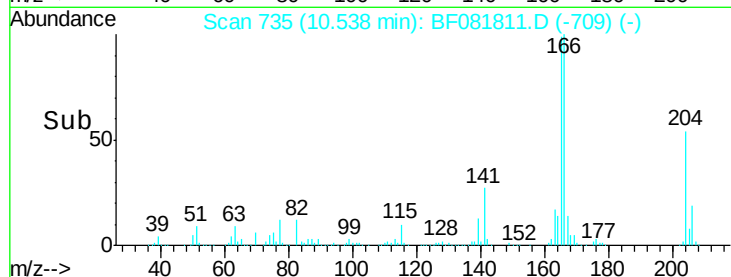
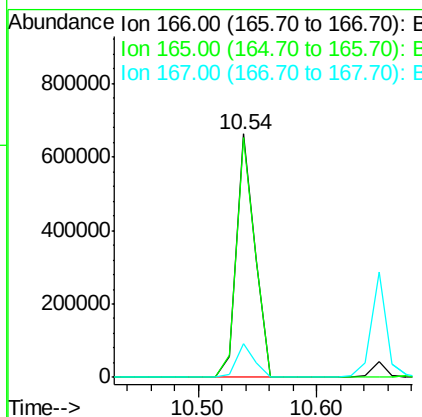
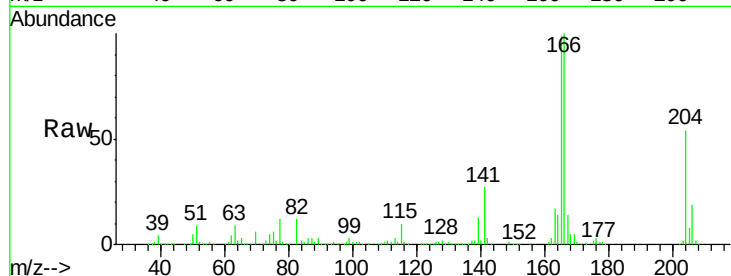




#57
 Fluorene
 Concen: 39.03 ng
 RT: 10.54 min Scan# 735
 Delta R.T. 0.00 min
 Lab File: BF081811.D
 Acq: 25 Sep 2015 19:25

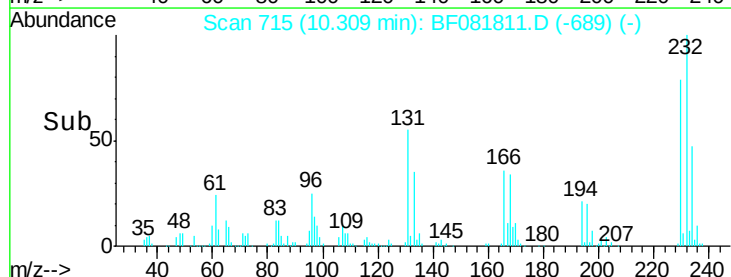
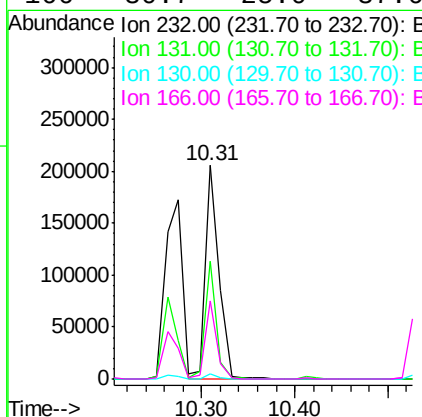
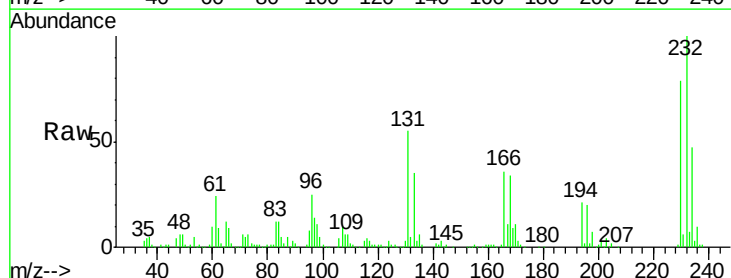
Instrument :
 BNA_F
 ClientSampleId :
 SP-1MSD

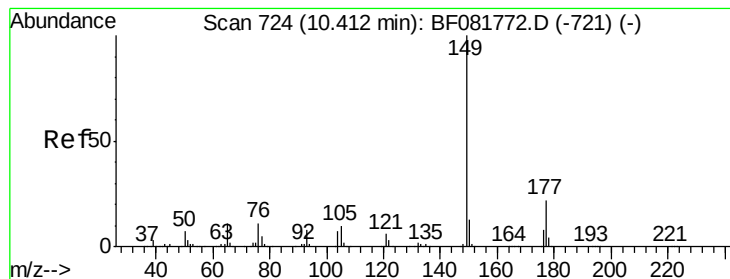
Tgt Ion:166 Resp: 717203
 Ion Ratio Lower Upper
 166 100
 165 98.7 72.6 109.0
 167 13.9 10.6 16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 50.13 ng
 RT: 10.31 min Scan# 715
 Delta R.T. 0.00 min
 Lab File: BF081811.D
 Acq: 25 Sep 2015 19:25

Tgt Ion:232 Resp: 210696
 Ion Ratio Lower Upper
 232 100
 131 44.7 38.5 57.7
 130 2.1 1.8 2.6
 166 30.7 25.0 37.6





#59

Diethylphthalate

Concen: 42.80 ng

RT: 10.41 min Scan# 724

Delta R.T. 0.00 min

Lab File: BF081811.D

Acq: 25 Sep 2015 19:25

Instrument :

BNA_F

ClientSampleId :

SP-1MSD

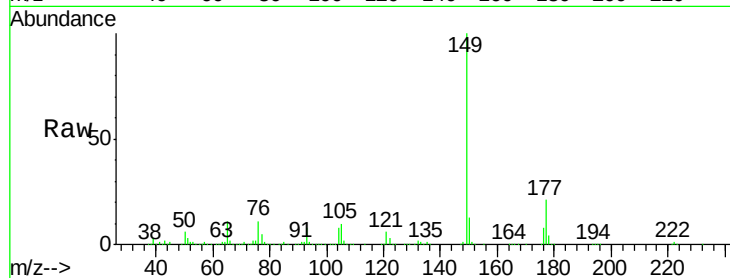
Tgt Ion:149 Resp: 839514

Ion Ratio Lower Upper

149 100

177 21.4 17.5 26.3

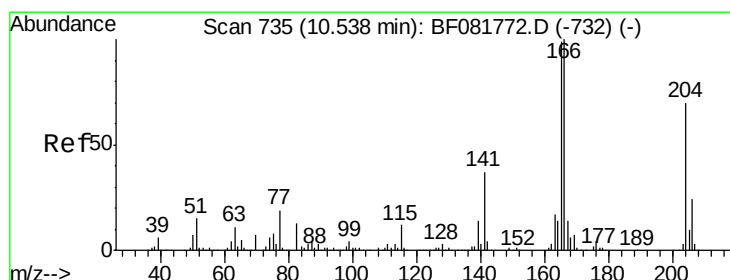
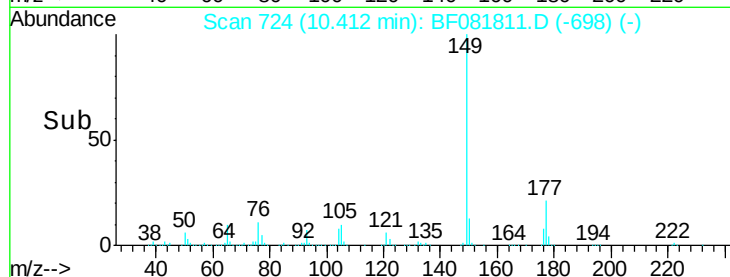
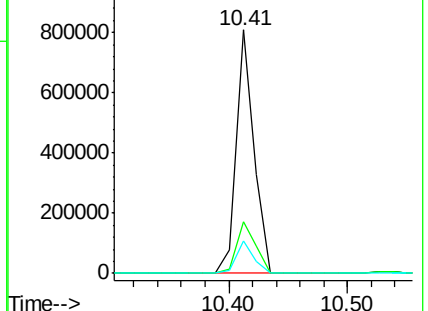
150 13.2 9.4 14.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 45.31 ng

RT: 10.54 min Scan# 735

Delta R.T. 0.00 min

Lab File: BF081811.D

Acq: 25 Sep 2015 19:25

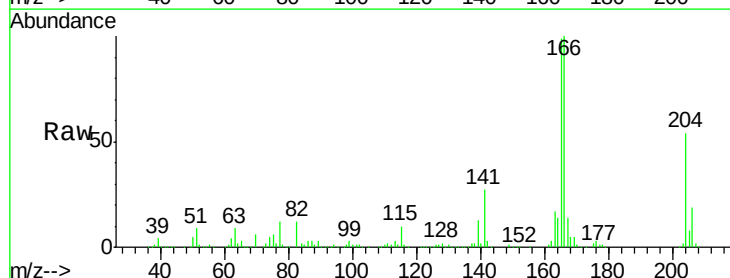
Tgt Ion:204 Resp: 382203

Ion Ratio Lower Upper

204 100

206 35.2 24.8 37.2

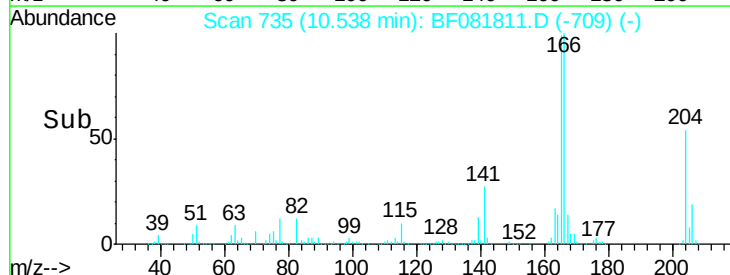
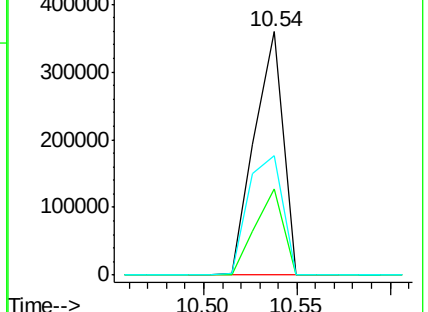
141 48.9 42.2 63.4

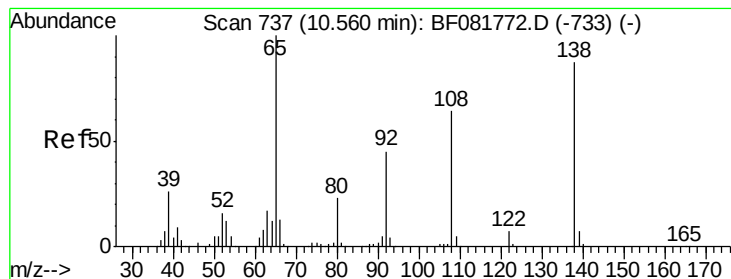


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 38.54 ng

RT: 10.56 min Scan# 737

Delta R.T. 0.00 min

Lab File: BF081811.D

Acq: 25 Sep 2015 19:25

Instrument :

BNA_F

ClientSampleId :

SP-1MSD

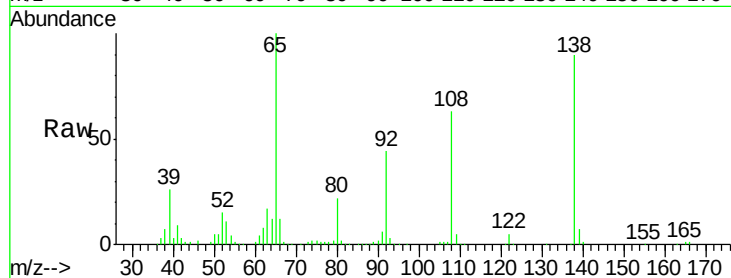
Tgt Ion:138 Resp: 158702

Ion Ratio Lower Upper

138 100

92 49.6 12.6 52.6

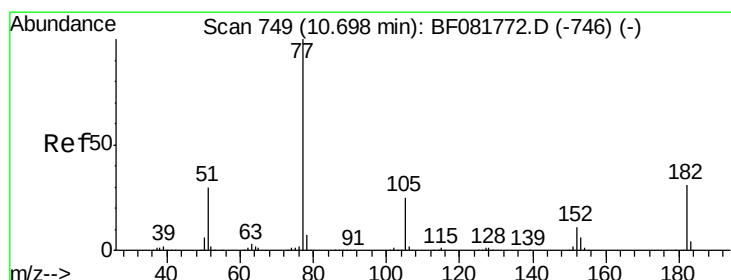
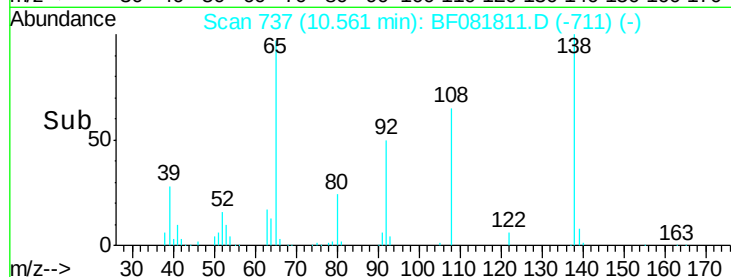
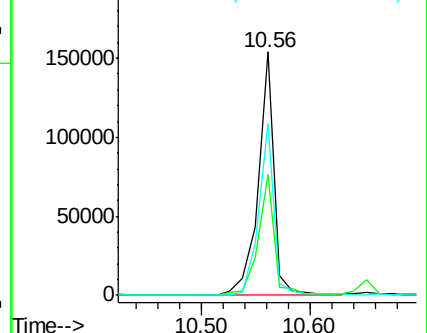
108 70.5 12.4 52.4#



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: 44.07 ng

RT: 10.70 min Scan# 749

Delta R.T. 0.00 min

Lab File: BF081811.D

Acq: 25 Sep 2015 19:25

Tgt Ion: 77 Resp: 883717

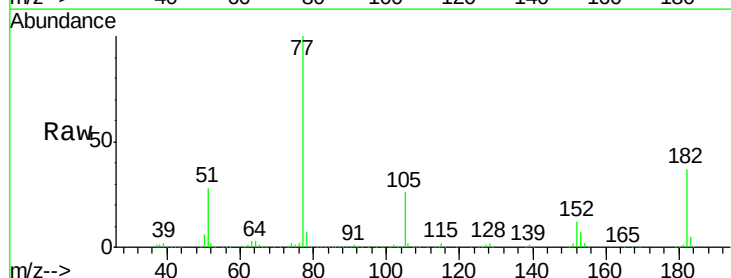
Ion Ratio Lower Upper

77 100

182 37.1 15.1 55.1

105 25.8 3.4 43.4

51 27.7 12.0 52.0

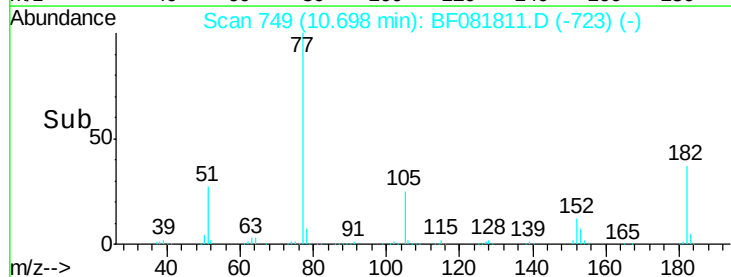
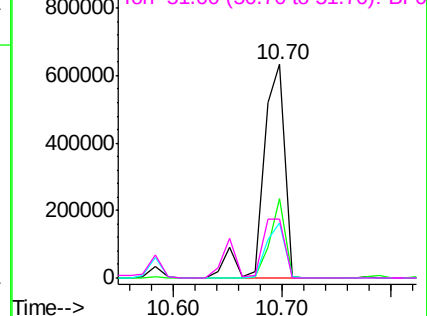


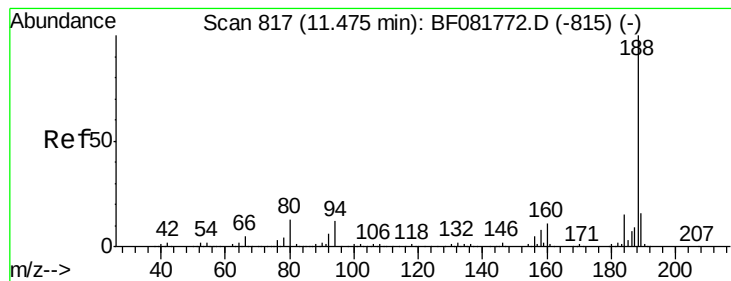
Abundance Ion 77.00 (76.70 to 77.70): BF0

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: 11.47 min Scan# 817

Delta R.T. 0.00 min

Lab File: BF081811.D

Acq: 25 Sep 2015 19:25

Instrument :

BNA_F

ClientSampleId :

SP-1MSD

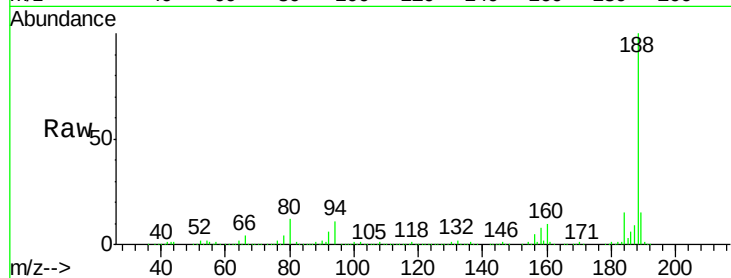
Tgt Ion:188 Resp: 477593

Ion Ratio Lower Upper

188 100

94 11.0 11.1 16.7#

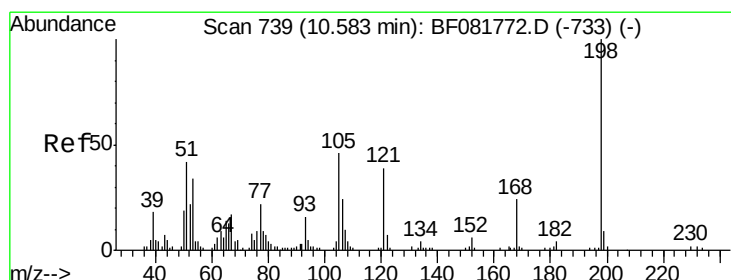
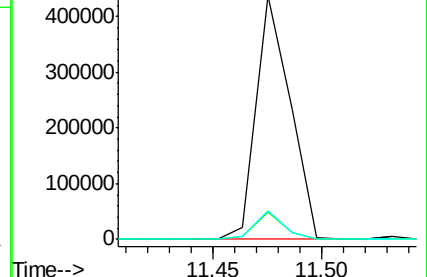
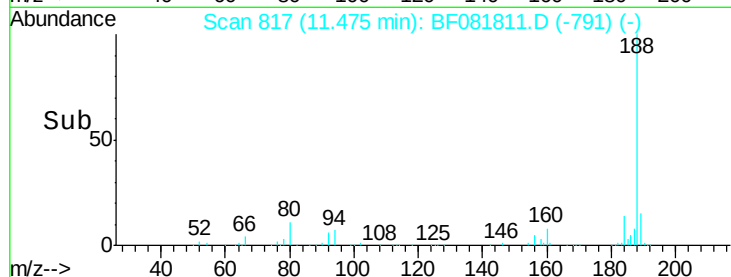
80 11.7 11.0 16.4



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: 70.39 ng

RT: 10.58 min Scan# 739

Delta R.T. 0.00 min

Lab File: BF081811.D

Acq: 25 Sep 2015 19:25

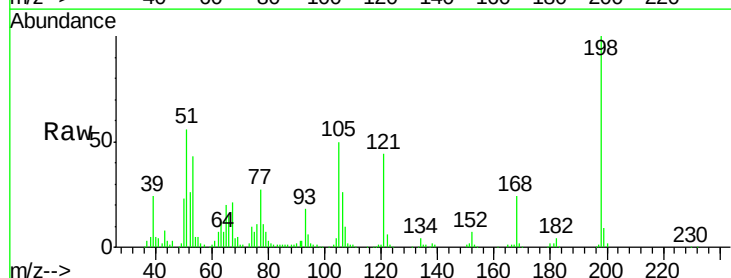
Tgt Ion:198 Resp: 99665

Ion Ratio Lower Upper

198 100

51 55.8 39.6 79.6

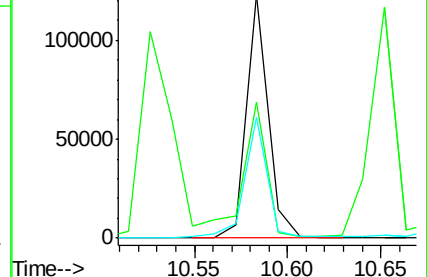
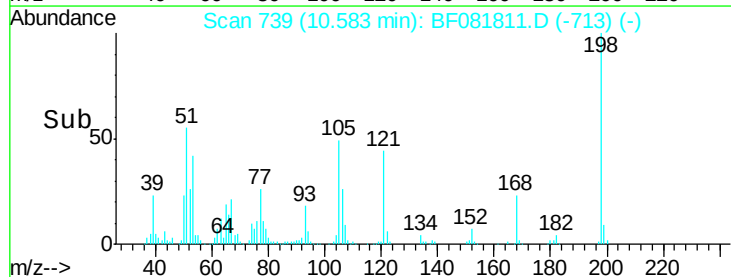
105 49.7 28.5 68.5

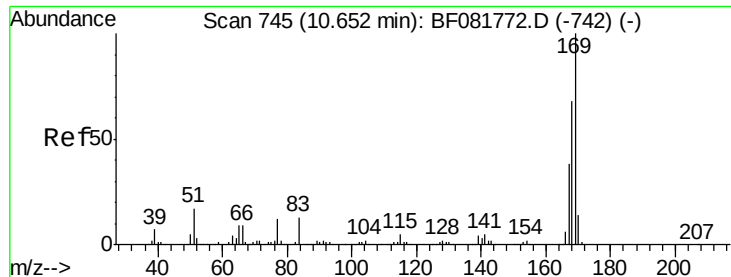


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E

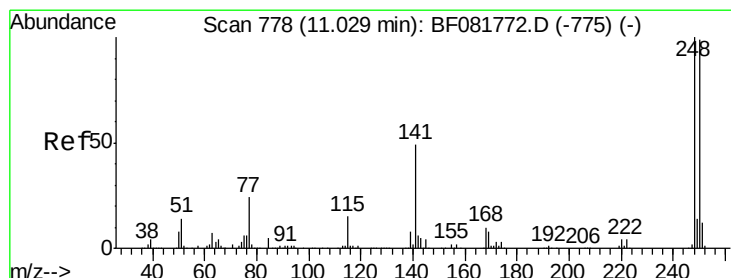
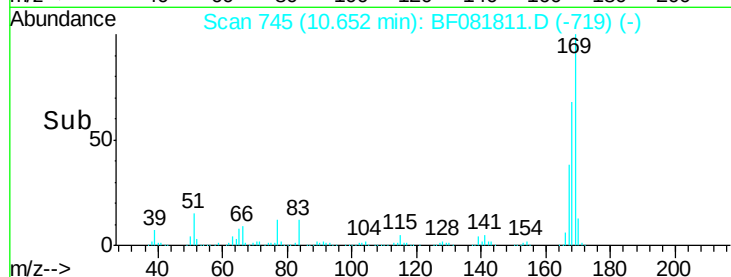
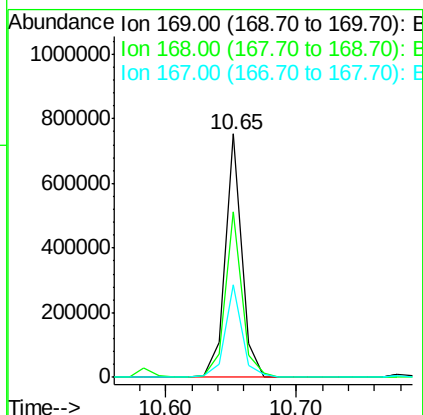
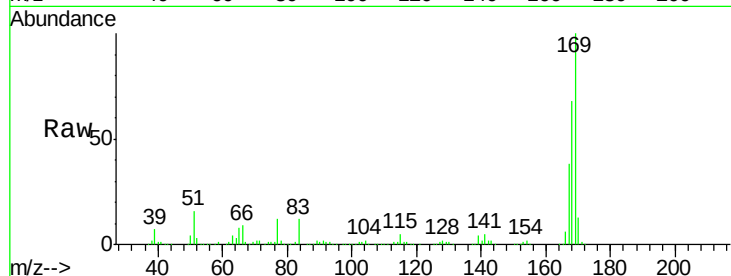




#65
 n-Nitrosodiphenylamine
 Concen: 41.47 ng
 RT: 10.65 min Scan# 745
 Delta R.T. 0.00 min
 Lab File: BF081811.D
 Acq: 25 Sep 2015 19:25

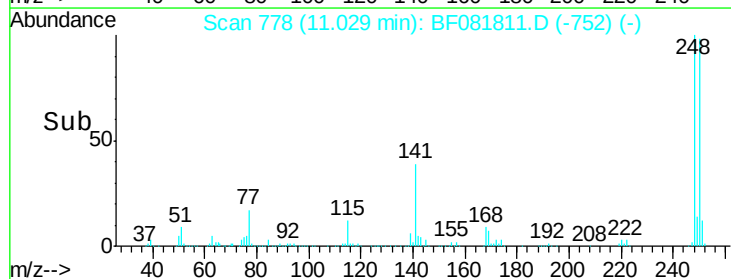
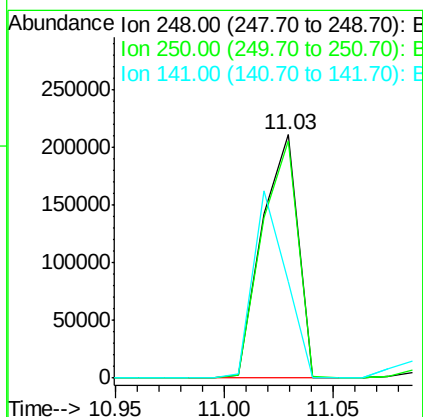
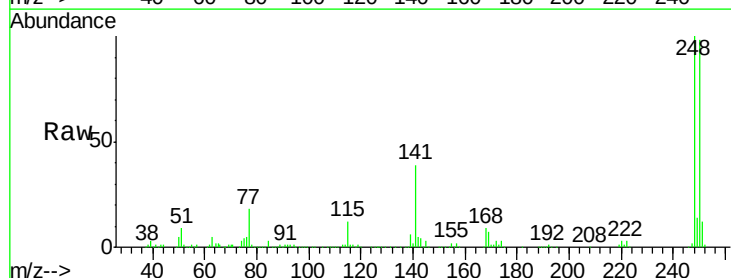
Instrument :
 BNA_F
 ClientSampleId :
 SP-1MSD

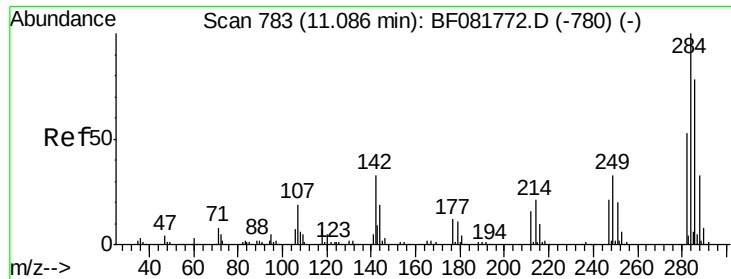
Tgt Ion:169 Resp: 667937
 Ion Ratio Lower Upper
 169 100
 168 67.9 48.9 73.3
 167 38.1 26.2 39.4



#66
 4-Bromophenyl-phenylether
 Concen: 46.00 ng
 RT: 11.03 min Scan# 778
 Delta R.T. 0.00 min
 Lab File: BF081811.D
 Acq: 25 Sep 2015 19:25

Tgt Ion:248 Resp: 244590
 Ion Ratio Lower Upper
 248 100
 250 97.5 78.5 117.7
 141 39.4 59.0 88.6#

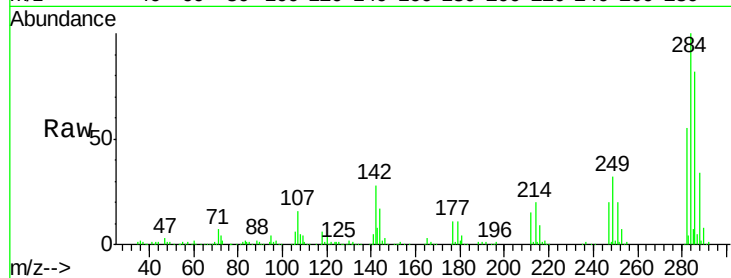




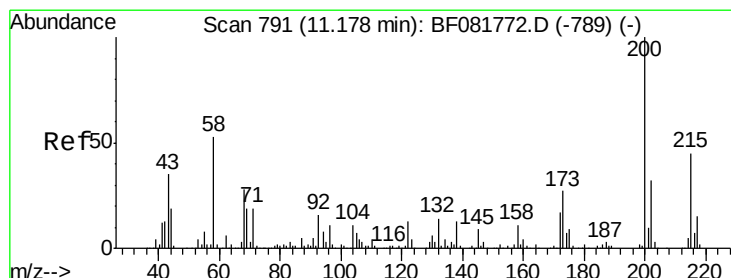
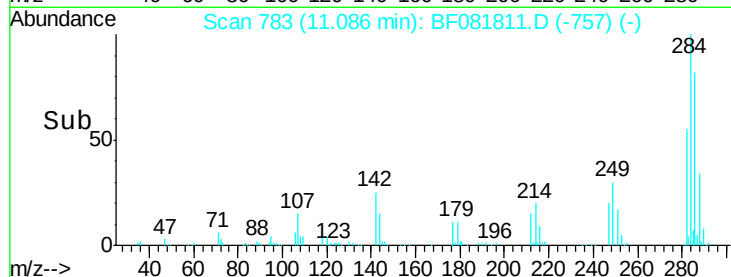
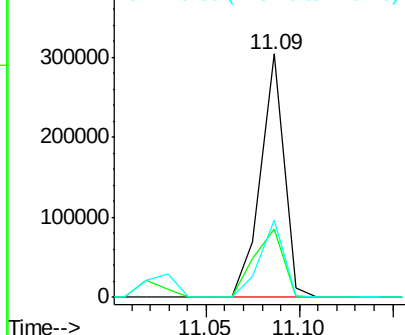
#67
Hexachlorobenzene
Concen: 47.63 ng
RT: 11.09 min Scan# 783
Delta R.T. 0.00 min
Lab File: BF081811.D
Acq: 25 Sep 2015 19:25

Instrument :
BNA_F
ClientSampleId :
SP-1MSD

Tgt Ion	Ratio	Lower	Upper
284	100		
142	28.2	29.5	44.3#
249	31.9	19.5	29.3#

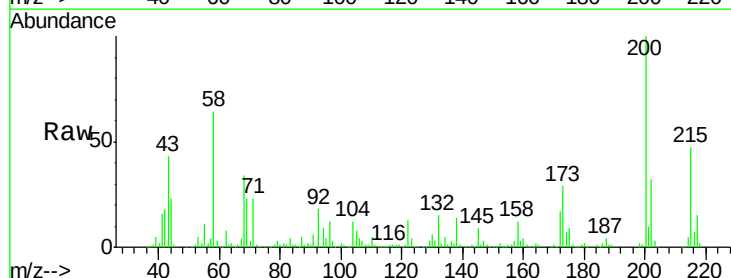


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

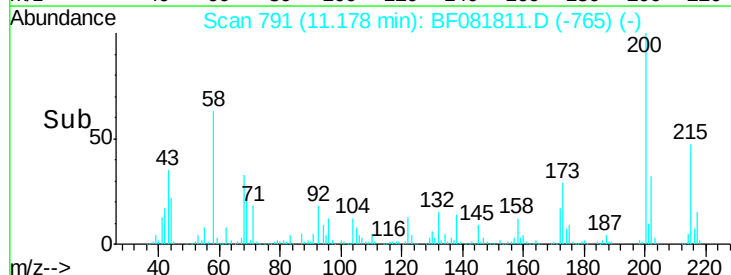
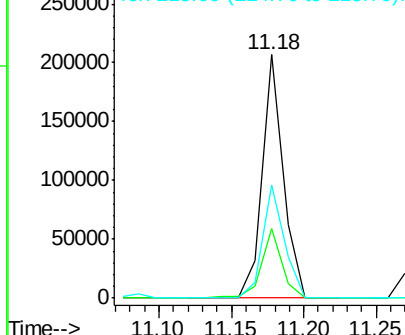


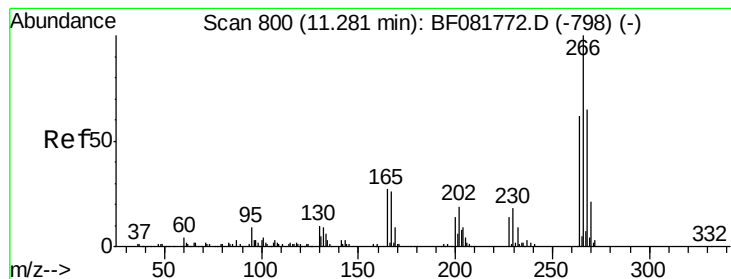
#68
Atrazine
Concen: 43.06 ng
RT: 11.18 min Scan# 791
Delta R.T. 0.00 min
Lab File: BF081811.D
Acq: 25 Sep 2015 19:25

Tgt Ion	Ratio	Lower	Upper
200	100		
173	28.5	13.2	53.2
215	46.6	41.8	81.8



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: 94.32 ng

RT: 11.28 min Scan# 800

Delta R.T. 0.00 min

Lab File: BF081811.D

Acq: 25 Sep 2015 19:25

Instrument :

BNA_F

ClientSampleId :

SP-1MSD

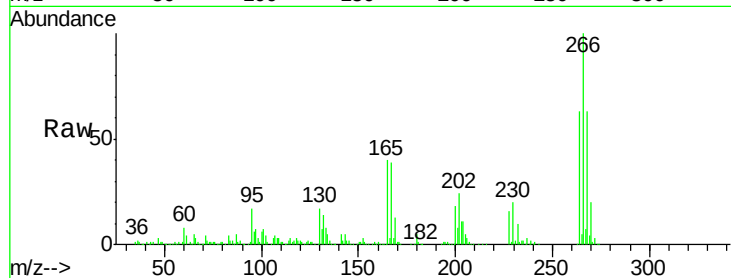
Tgt Ion:266 Resp: 292630

Ion Ratio Lower Upper

266 100

268 62.8 49.8 74.6

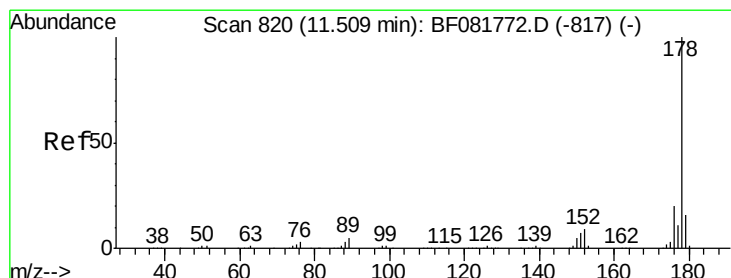
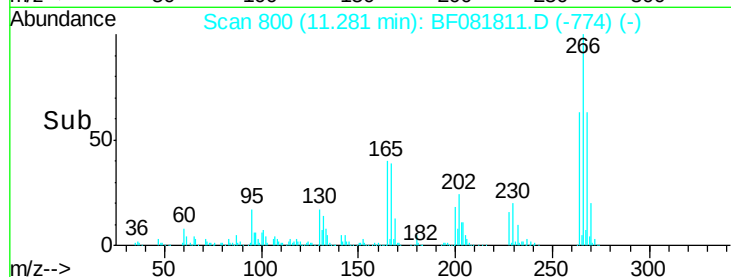
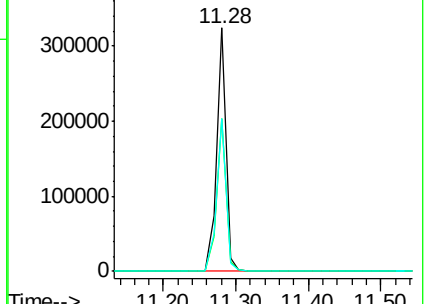
264 62.8 50.2 75.2



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: 39.34 ng

RT: 11.55 min Scan# 824

Delta R.T. 0.05 min

Lab File: BF081811.D

Acq: 25 Sep 2015 19:25

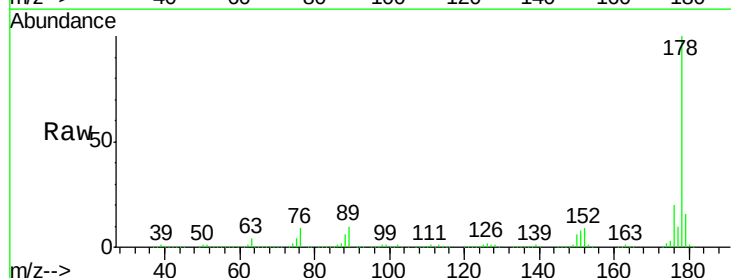
Tgt Ion:178 Resp: 1074296

Ion Ratio Lower Upper

178 100

176 19.9 13.8 20.8

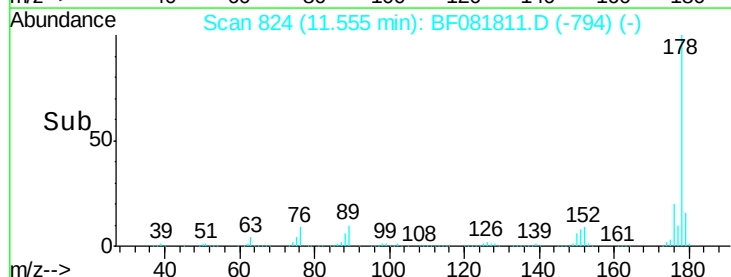
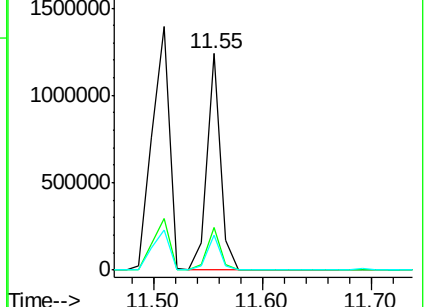
179 16.3 12.2 18.2

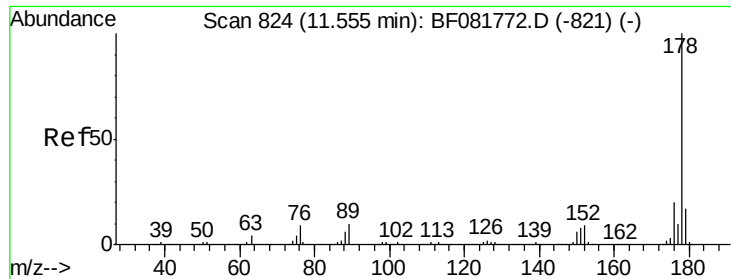


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

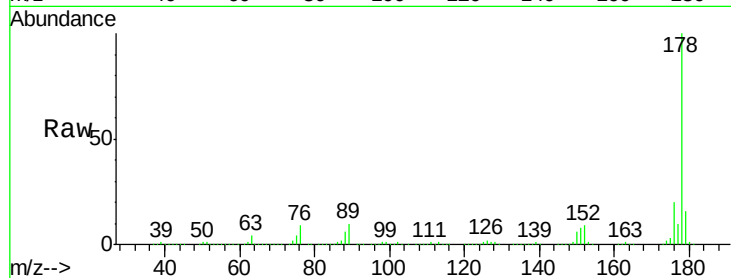




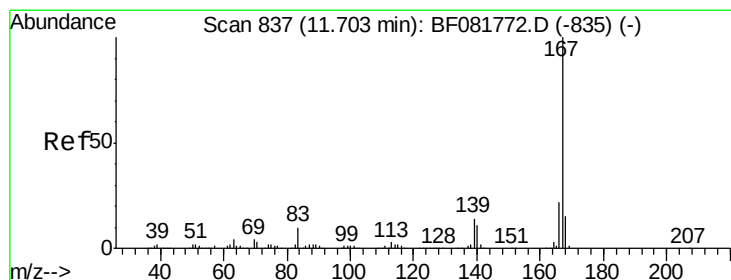
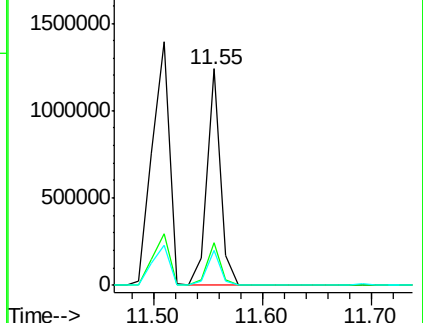
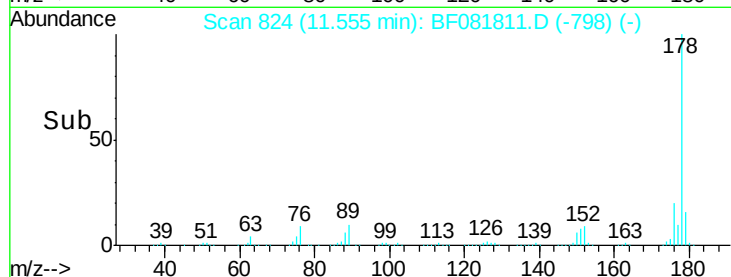
#71
 Anthracene
 Concen: 40.83 ng
 RT: 11.55 min Scan# 824
 Delta R.T. 0.00 min
 Lab File: BF081811.D
 Acq: 25 Sep 2015 19:25

Instrument :
 BNA_F
 ClientSampleId :
 SP-1MSD

Tgt Ion:178 Resp: 1074296
 Ion Ratio Lower Upper
 178 100
 176 19.9 14.1 21.1
 179 16.3 12.2 18.2

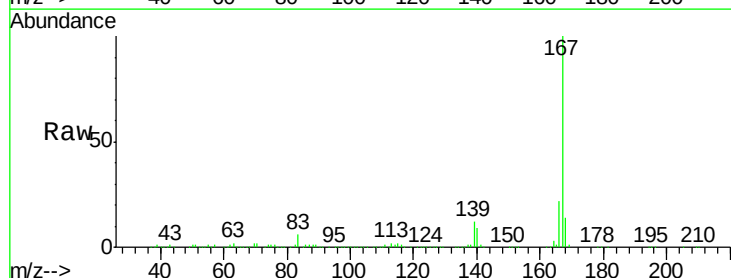


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

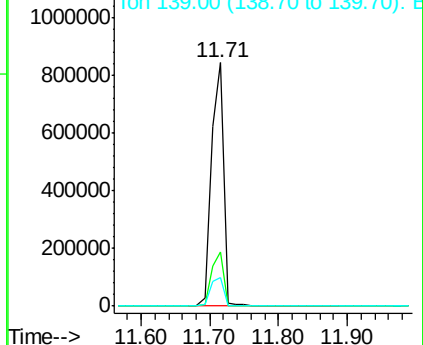
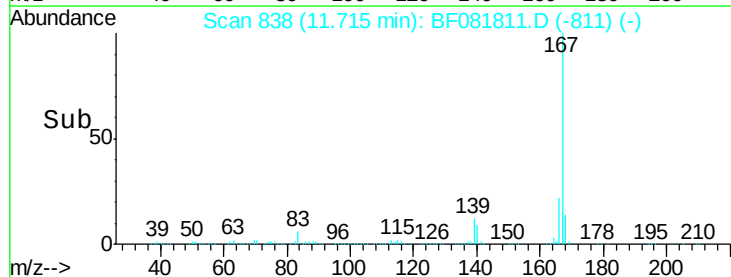


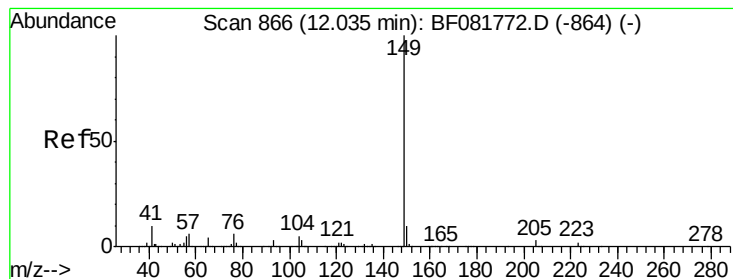
#72
 Carbazole
 Concen: 42.94 ng
 RT: 11.71 min Scan# 838
 Delta R.T. 0.01 min
 Lab File: BF081811.D
 Acq: 25 Sep 2015 19:25

Tgt Ion:167 Resp: 1048768
 Ion Ratio Lower Upper
 167 100
 166 22.2 15.7 23.5
 139 11.8 9.5 14.3



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





#73

Di-n-butylphthalate

Concen: 42.37 ng

RT: 12.04 min Scan# 866

Delta R.T. 0.00 min

Lab File: BF081811.D

Acq: 25 Sep 2015 19:25

Instrument :

BNA_F

ClientSampleId :

SP-1MSD

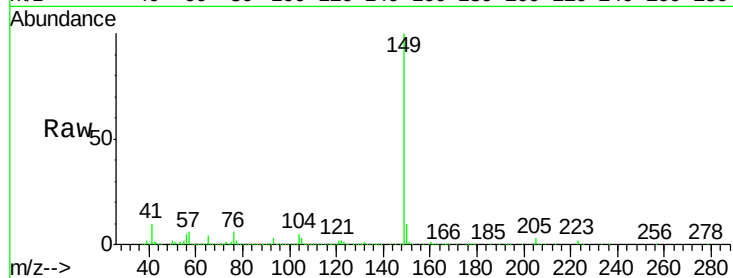
Tgt Ion:149 Resp: 1259813

Ion Ratio Lower Upper

149 100

150 9.9 7.4 11.2

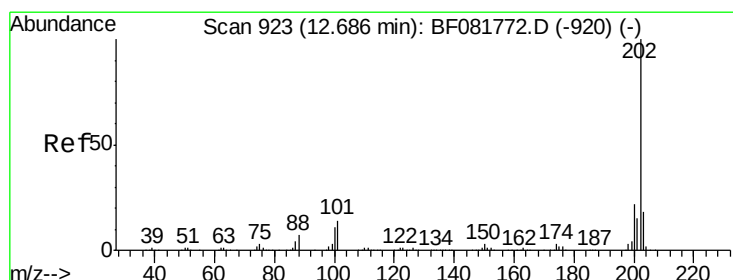
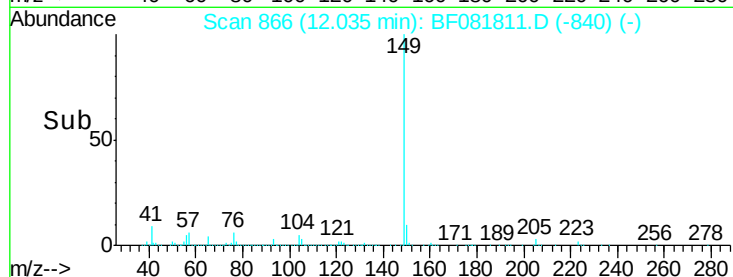
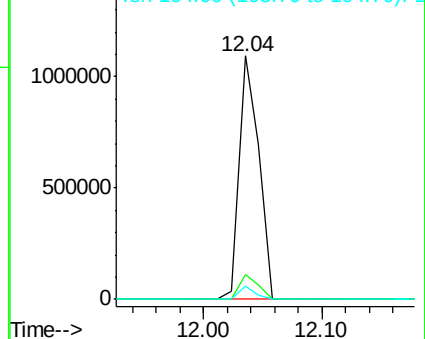
104 5.2 2.4 3.6#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 52.32 ng

RT: 12.70 min Scan# 924

Delta R.T. 0.01 min

Lab File: BF081811.D

Acq: 25 Sep 2015 19:25

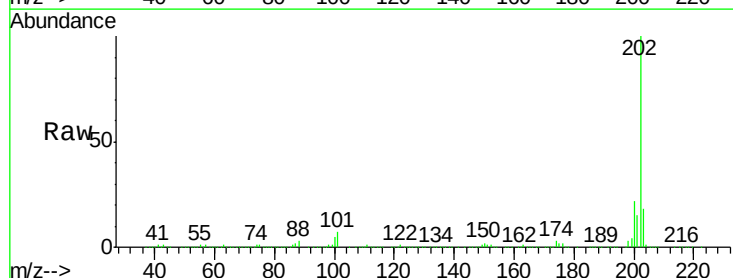
Tgt Ion:202 Resp: 1439607

Ion Ratio Lower Upper

202 100

101 7.0 0.0 38.3

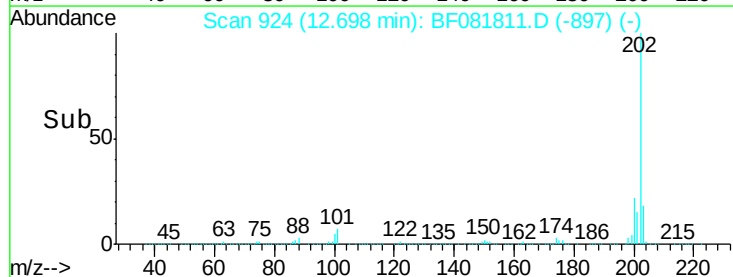
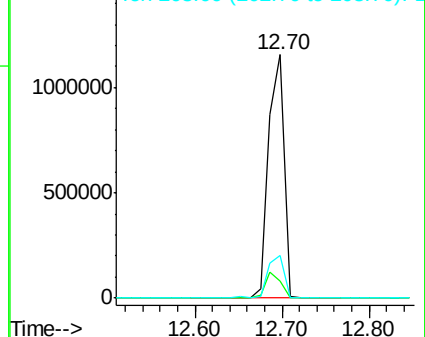
203 17.7 0.0 37.3

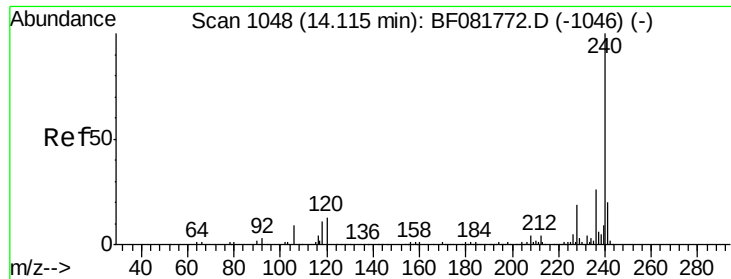


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.13 min Scan# 1049

Delta R.T. 0.01 min

Lab File: BF081811.D

Acq: 25 Sep 2015 19:25

Instrument :

BNA_F

ClientSampleId :

SP-1MSD

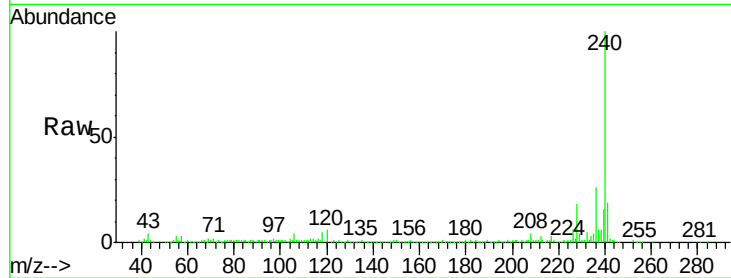
Tgt Ion:240 Resp: 314014

Ion Ratio Lower Upper

240 100

120 6.4 16.2 24.2#

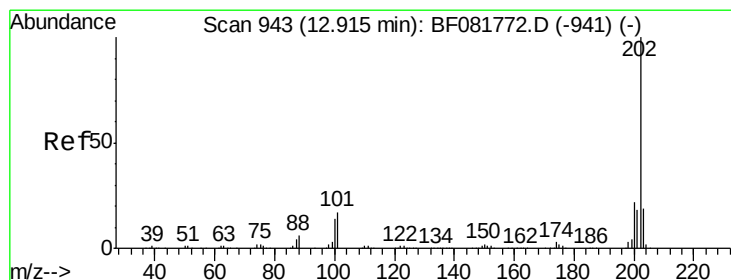
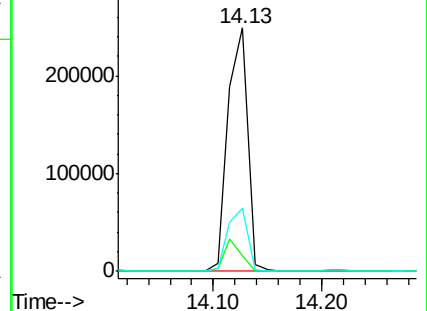
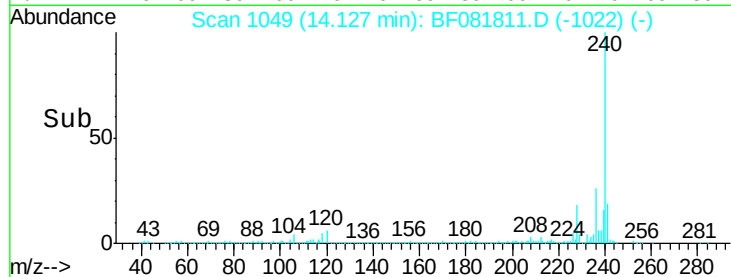
236 25.9 18.4 27.6



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



#77

Pyrene

Concen: 60.35 ng

RT: 12.70 min Scan# 924

Delta R.T. -0.22 min

Lab File: BF081811.D

Acq: 25 Sep 2015 19:25

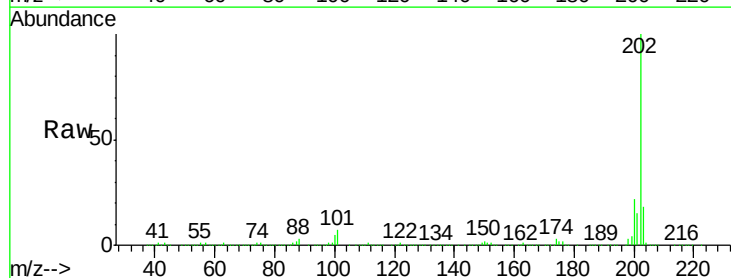
Tgt Ion:202 Resp: 1428847

Ion Ratio Lower Upper

202 100

200 21.9 15.0 22.4

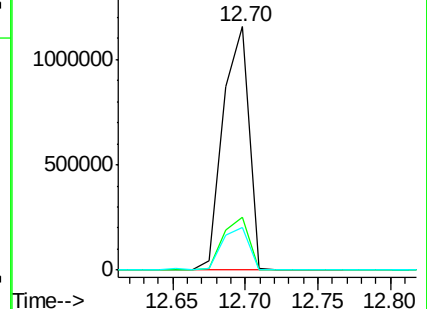
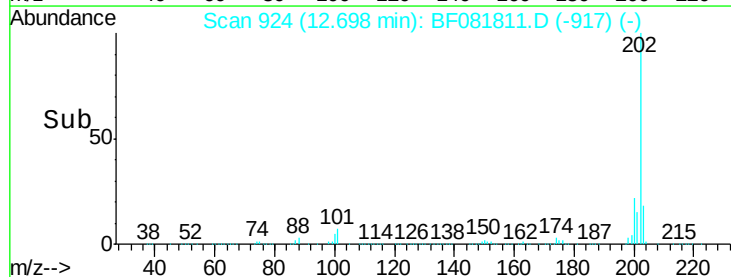
203 17.7 14.1 21.1

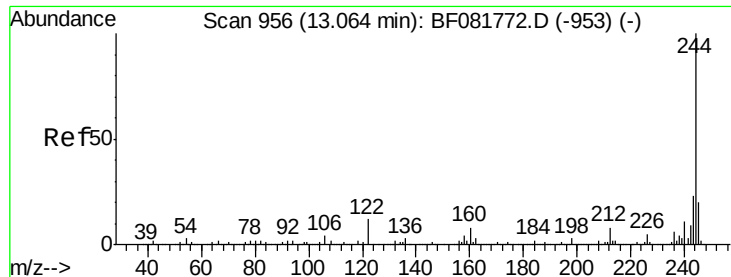


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 82.94 ng

RT: 13.06 min Scan# 956

Delta R.T. 0.00 min

Lab File: BF081811.D

Acq: 25 Sep 2015 19:25

Instrument :

BNA_F

ClientSampleId :

SP-1MSD

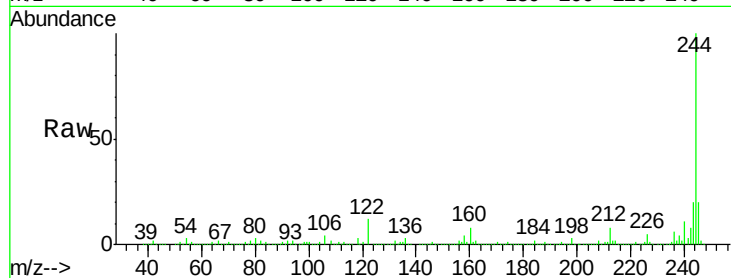
Tgt Ion:244 Resp: 1140176

Ion Ratio Lower Upper

244 100

212 8.0 4.3 6.5#

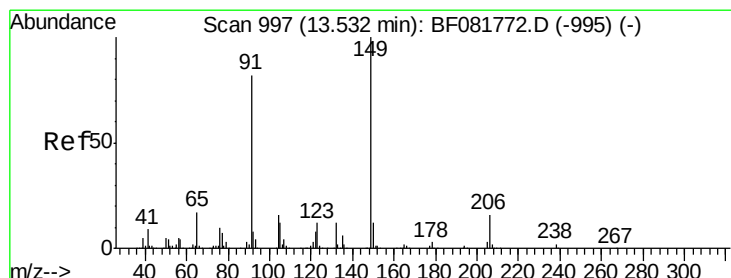
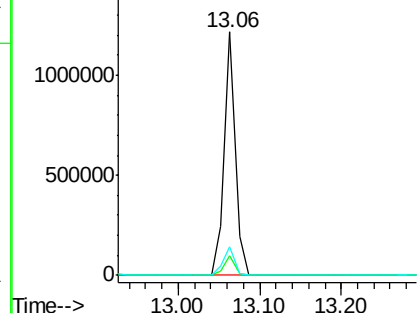
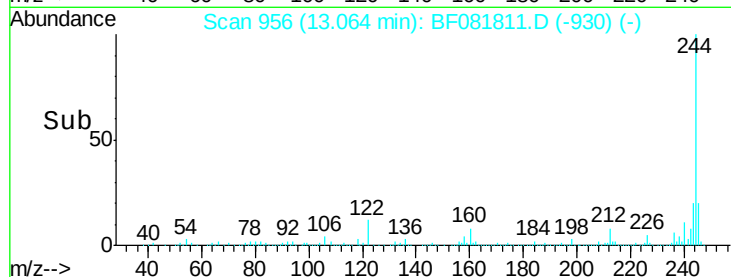
122 11.9 17.4 26.2#



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#79

Butylbenzylphthalate

Concen: 52.32 ng

RT: 13.54 min Scan# 998

Delta R.T. 0.01 min

Lab File: BF081811.D

Acq: 25 Sep 2015 19:25

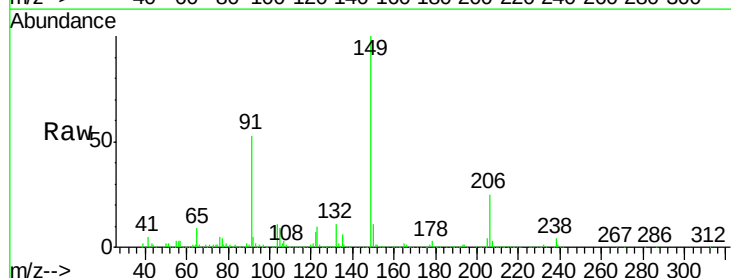
Tgt Ion:149 Resp: 493659

Ion Ratio Lower Upper

149 100

91 52.7 48.6 72.8

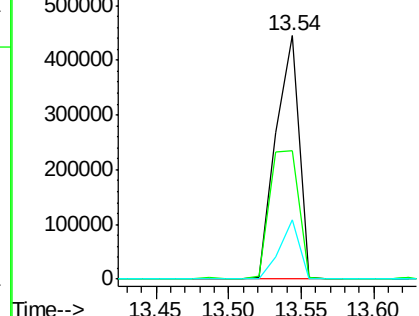
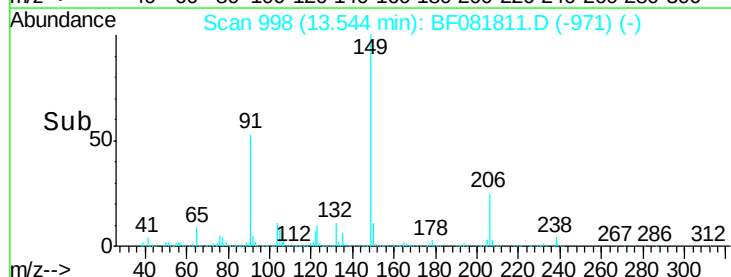
206 24.5 14.9 22.3#

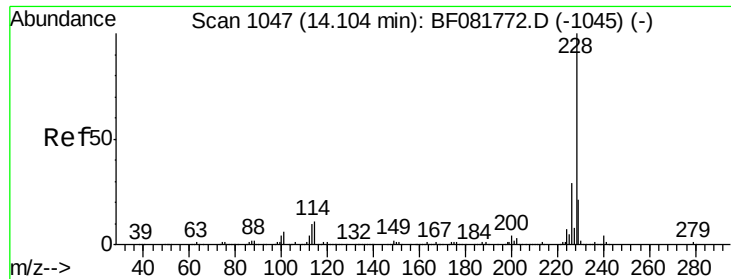


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E





#80

Benzo(a)anthracene

Concen: 51.04 ng

RT: 14.12 min Scan# 1048

Delta R.T. 0.01 min

Lab File: BF081811.D

Acq: 25 Sep 2015 19:25

Instrument :

BNA_F

ClientSampleId :

SP-1MSD

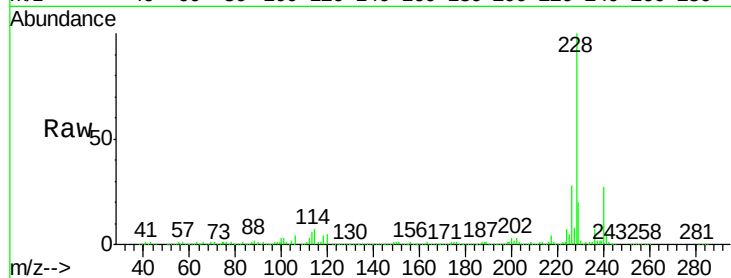
Tgt Ion:228 Resp: 971825

Ion Ratio Lower Upper

228 100

226 28.0 20.0 30.0

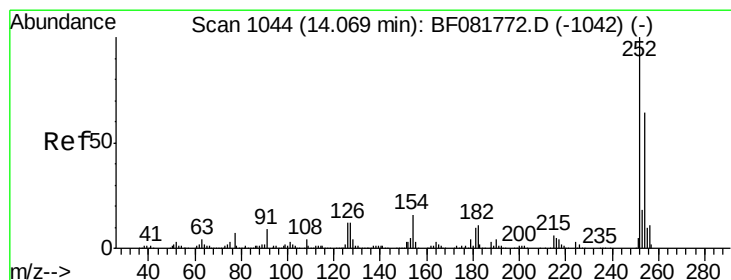
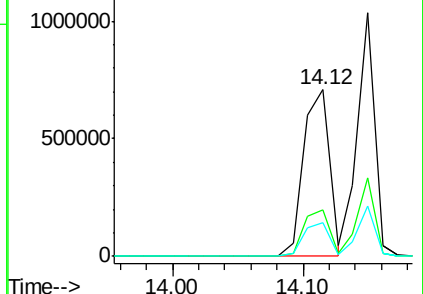
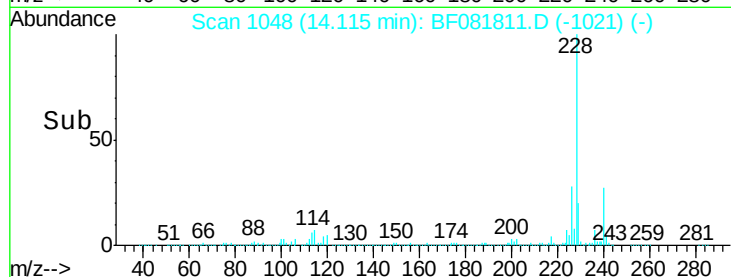
229 19.9 15.4 23.2



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#81

3,3'-Dichlorobenzidine

Concen: 11.98 ng

RT: 14.07 min Scan# 1044

Delta R.T. 0.00 min

Lab File: BF081811.D

Acq: 25 Sep 2015 19:25

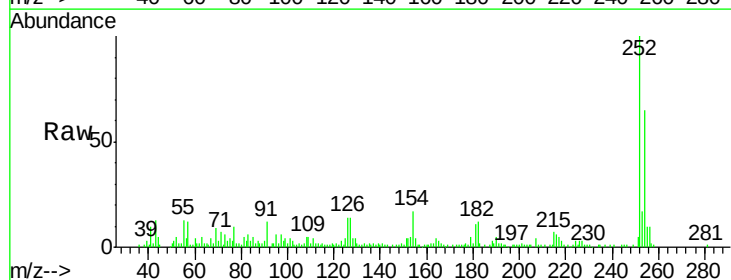
Tgt Ion:252 Resp: 72443

Ion Ratio Lower Upper

252 100

254 65.1 51.4 77.2

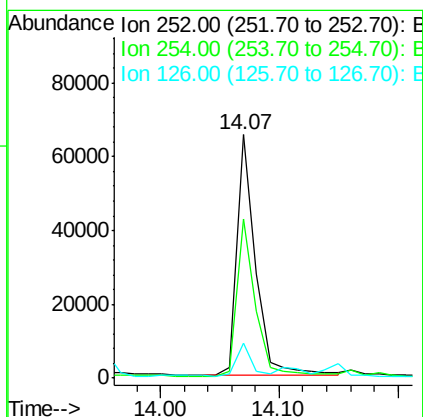
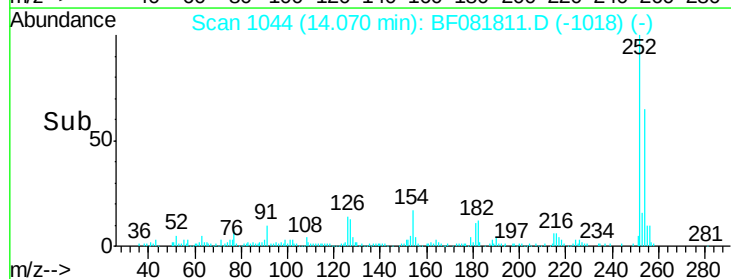
126 14.3 16.4 24.6#

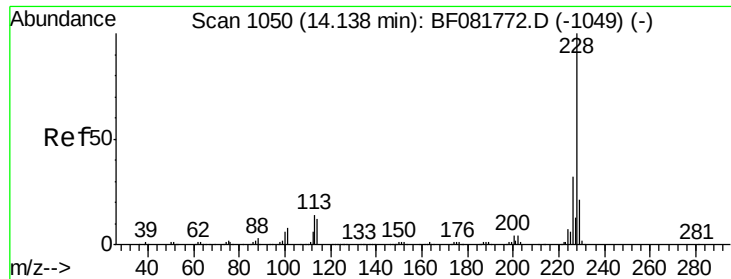


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#82

Chrysene

Concen: 53.22 ng

RT: 14.12 min Scan# 1048

Delta R.T. -0.02 min

Lab File: BF081811.D

Acq: 25 Sep 2015 19:25

Instrument :

BNA_F

ClientSampleId :

SP-1MSD

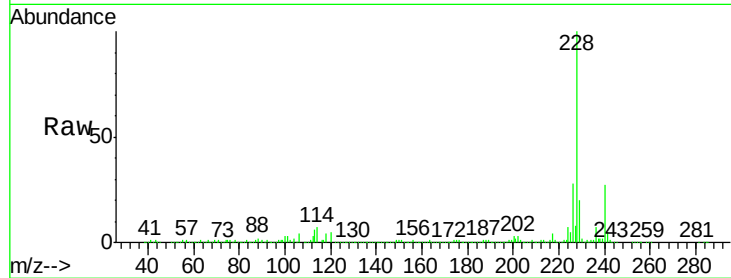
Tgt Ion:228 Resp: 971825

Ion Ratio Lower Upper

228 100

226 28.0 21.0 31.4

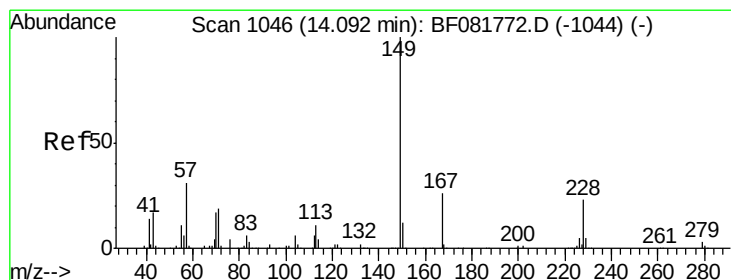
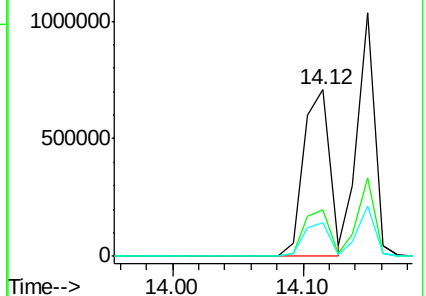
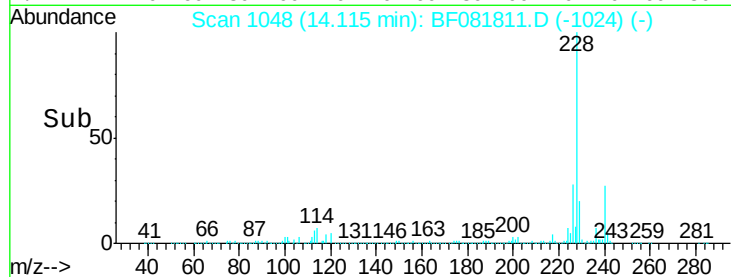
229 19.9 15.6 23.4



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: 55.16 ng

RT: 14.09 min Scan# 1046

Delta R.T. 0.00 min

Lab File: BF081811.D

Acq: 25 Sep 2015 19:25

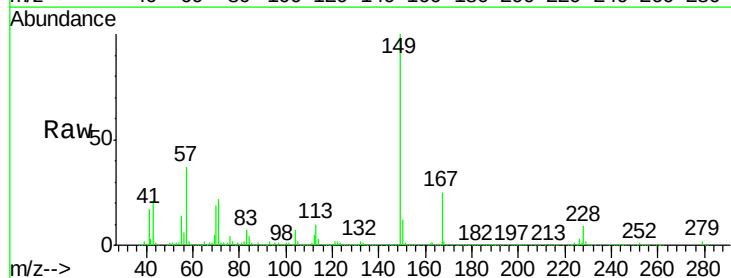
Tgt Ion:149 Resp: 631005

Ion Ratio Lower Upper

149 100

167 24.9 24.2 36.2

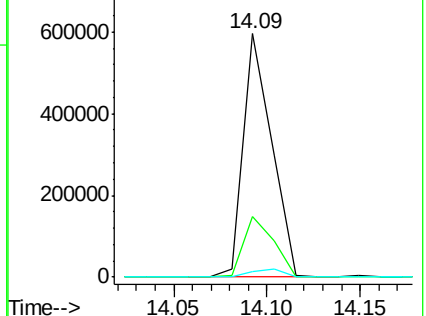
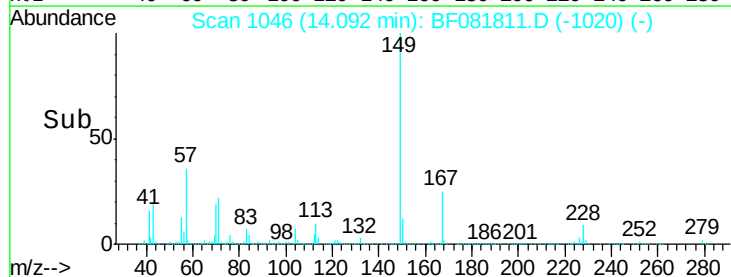
279 2.2 3.8 5.6#

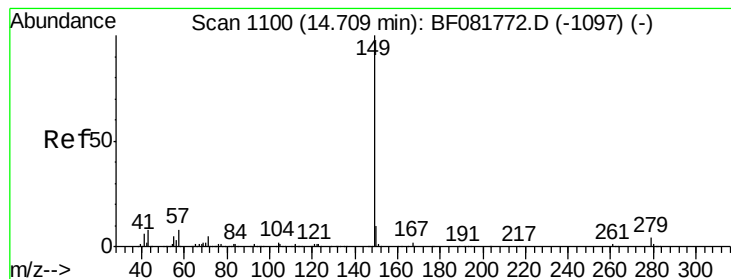


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#84

Di-n-octyl phthalate

Concen: 64.90 ng

RT: 14.71 min Scan# 1100

Delta R.T. 0.00 min

Lab File: BF081811.D

Acq: 25 Sep 2015 19:25

Instrument :

BNA_F

ClientSampleId :

SP-1MSD

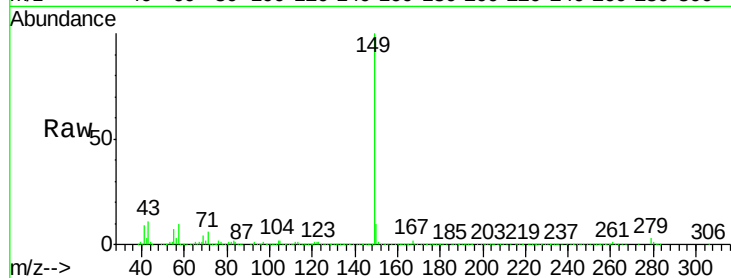
Tgt Ion:149 Resp: 1091825

Ion Ratio Lower Upper

149 100

167 1.6 1.0 1.6#

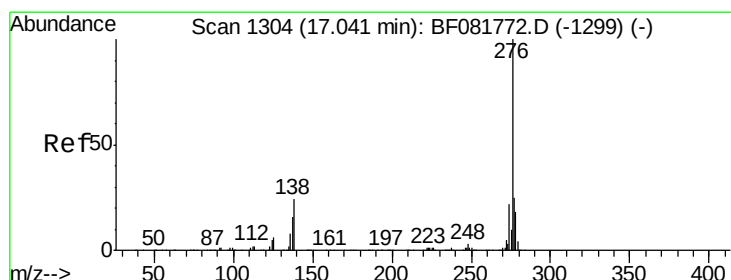
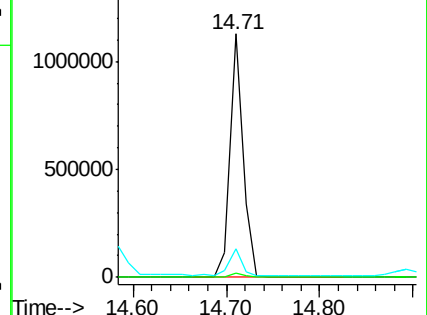
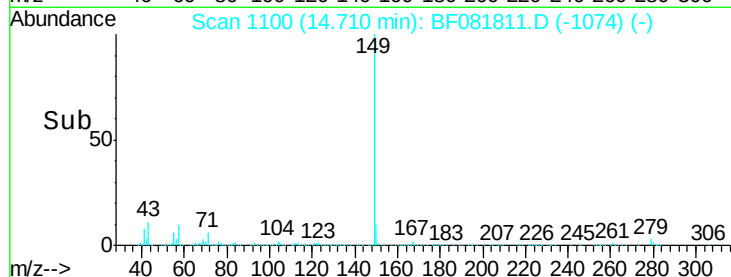
43 10.2 10.2 15.2



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: 56.48 ng

RT: 17.06 min Scan# 1306

Delta R.T. 0.02 min

Lab File: BF081811.D

Acq: 25 Sep 2015 19:25

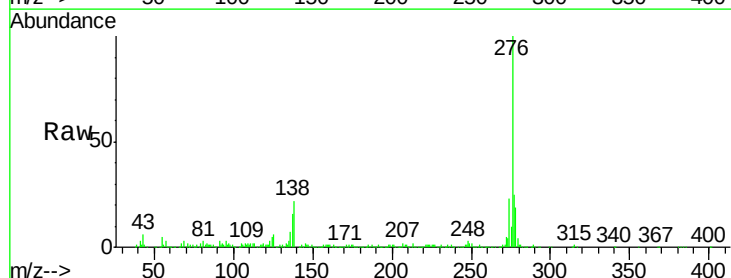
Tgt Ion:276 Resp: 944300

Ion Ratio Lower Upper

276 100

138 24.3 25.7 38.5#

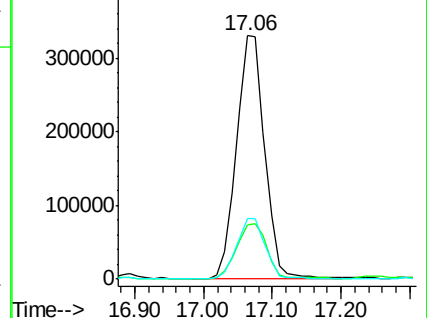
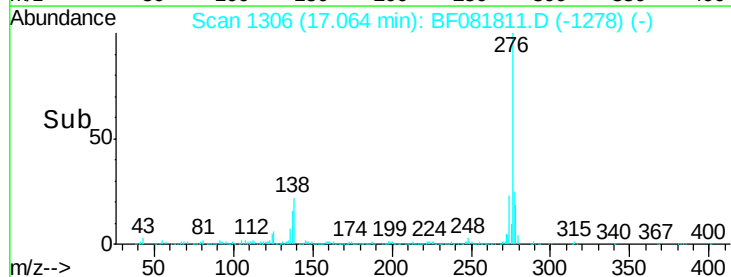
277 25.4 15.6 23.4#

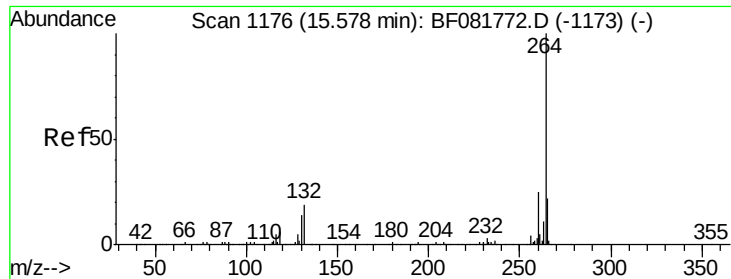


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



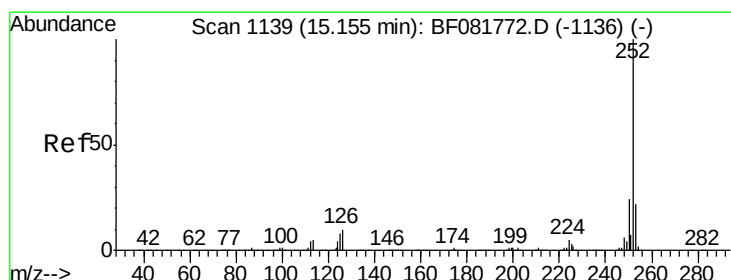
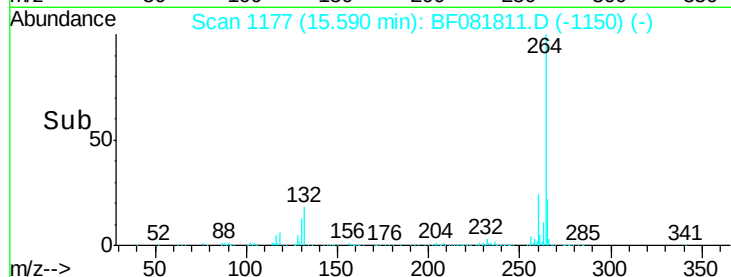
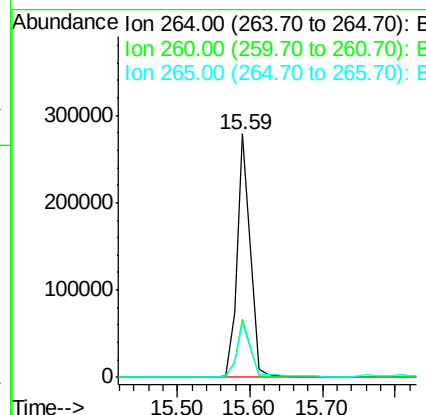
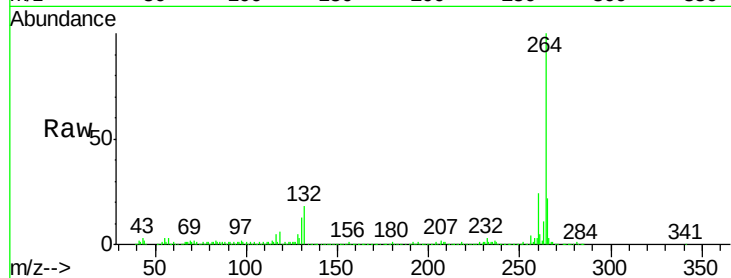


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.59 min Scan# 1177
Delta R.T. 0.01 min
Lab File: BF081811.D
Acq: 25 Sep 2015 19:25

Instrument :
BNA_F
ClientSampleId :
SP-1MSD

Tgt Ion: 264 Resp: 348733

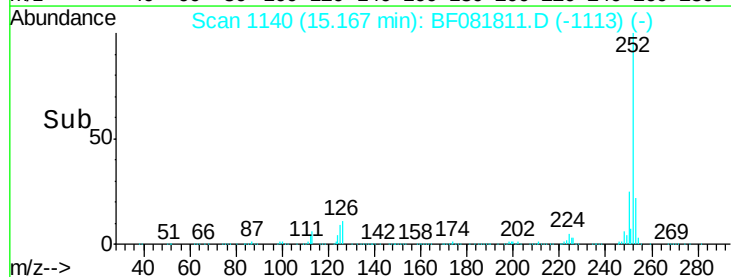
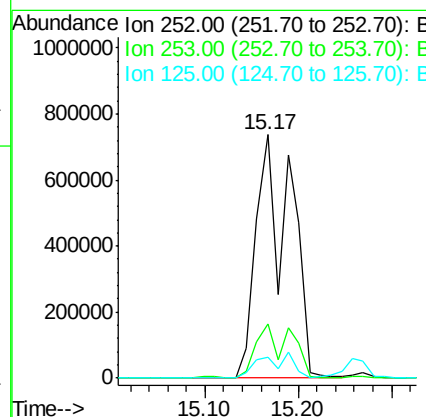
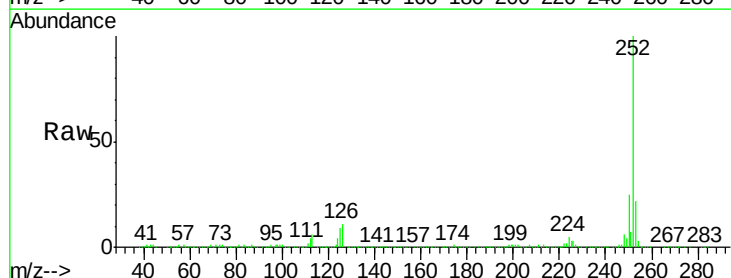
Ion	Ratio	Lower	Upper
264	100		
260	23.7	16.7	25.1
265	22.1	17.2	25.8

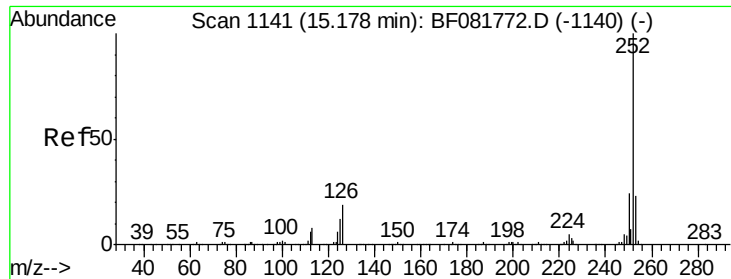


#87
Benzo(b)fluoranthene
Concen: 91.02 ng
RT: 15.17 min Scan# 1140
Delta R.T. 0.01 min
Lab File: BF081811.D
Acq: 25 Sep 2015 19:25

Tgt Ion: 252 Resp: 1882359

Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.5	26.3
125	8.8	17.1	25.7#

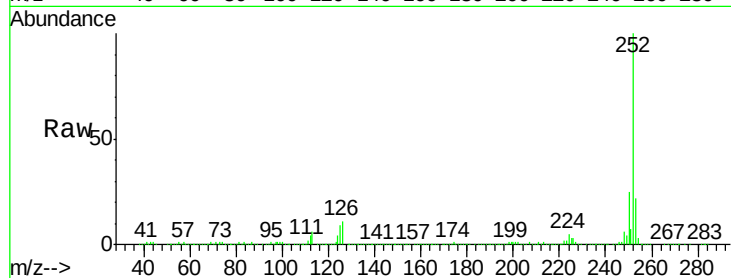




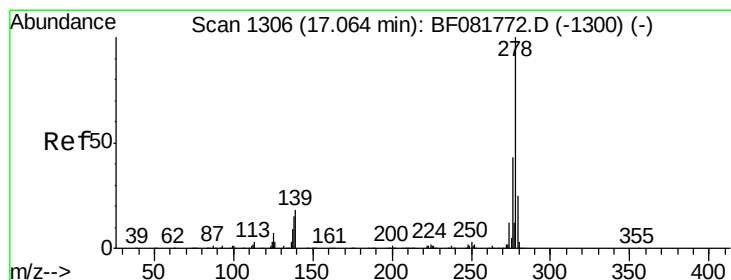
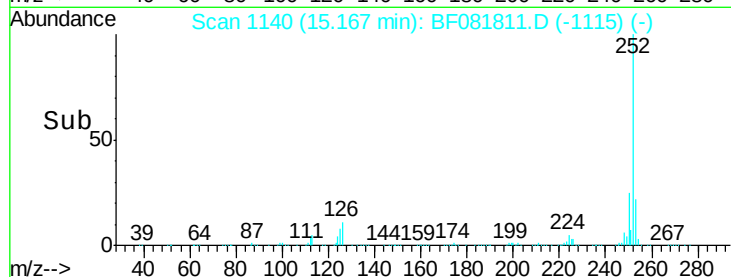
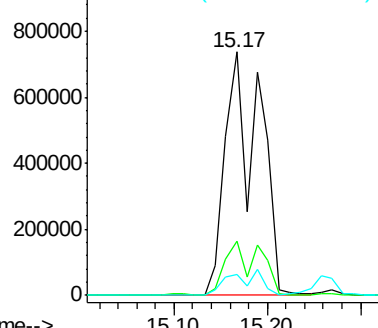
#88
Benzo(k)fluoranthene
Concen: 94.50 ng
RT: 15.17 min Scan# 1140
Delta R.T. -0.01 min
Lab File: BF081811.D
Acq: 25 Sep 2015 19:25

Instrument :
BNA_F
ClientSampleId :
SP-1MSD

Tgt Ion: 252 Resp: 1882359
Ion Ratio Lower Upper
252 100
253 22.4 17.0 25.4
125 8.8 16.0 24.0#

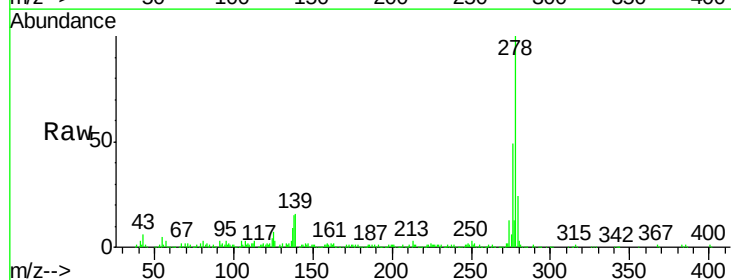


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

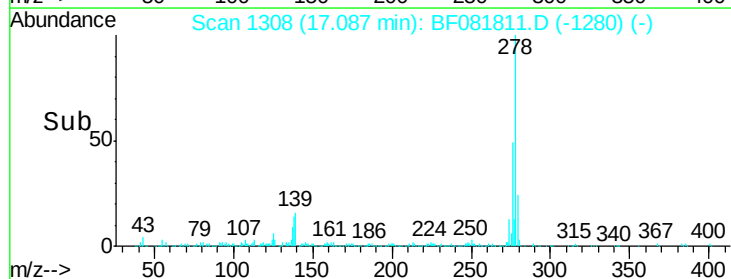
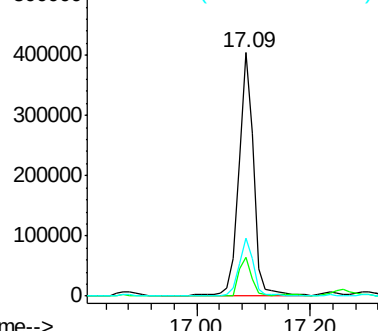


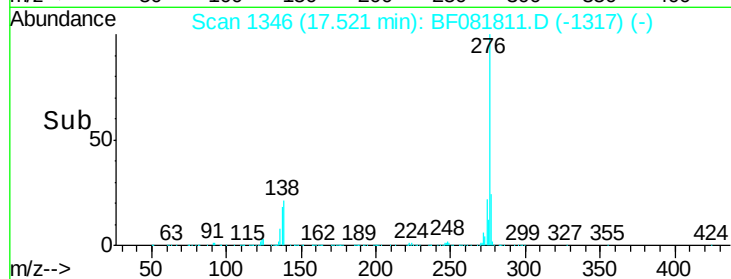
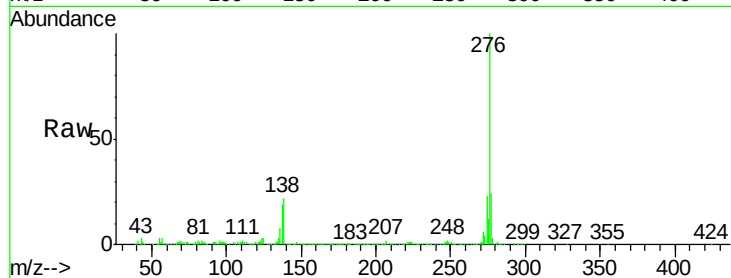
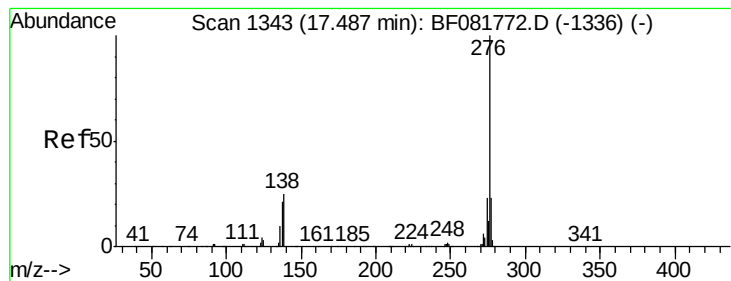
#90
Dibenzo(a,h)anthracene
Concen: 37.75 ng
RT: 17.09 min Scan# 1308
Delta R.T. 0.02 min
Lab File: BF081811.D
Acq: 25 Sep 2015 19:25

Tgt Ion: 278 Resp: 734520
Ion Ratio Lower Upper
278 100
139 15.7 26.3 39.5#
279 24.1 18.2 27.4



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 38.32 ng

RT: 17.52 min Scan# 1346

Delta R.T. 0.03 min

Lab File: BF081811.D

Acq: 25 Sep 2015 19:25

Instrument :

BNA_F

ClientSampleId :

SP-1MSD

Tgt Ion: 276 Resp: 768765

Ion Ratio Lower Upper

276 100

277 23.6 17.8 26.6

138 21.6 34.6 51.8#

