

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052516\
 Data File : BF087391.D
 Acq On : 26 May 2016 2:29
 Operator : UM/SJ
 Sample : H3212-04MSD
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DAY-1MSD

Quant Time: May 26 04:22:26 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 25 16:26:52 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.52	152	109776	20.00	ng	0.00
21) Naphthalene-d8	9.55	136	412778	20.00	ng	0.00
38) Acenaphthene-d10	12.39	164	189058	20.00	ng	0.00
63) Phenanthrene-d10	14.80	188	267791	20.00	ng	0.02
75) Chrysene-d12	18.50	240	228365	20.00	ng	0.02
86) Perylene-d12	20.16	264	158378	20.00	ng	0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.45	112	506211	81.03	ng	0.03
7) Phenol-d6	7.10	99	417762	49.49	ng	0.02
23) Nitrobenzene-d5	8.44	82	842502	102.87	ng	0.00
41) 2,4,6-Tribromophenol	13.71	330	234031	128.82	ng	0.03
44) 2-Fluorobiphenyl	11.35	172	1281229	95.54	ng	0.01
78) Terphenyl-d14	17.15	244	698616	65.04	ng	0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	1.86	88	53064	16.10	ng	# 60
3) Pyridine	2.52	79	77850	10.80	ng	# 62
4) n-Nitrosodimethylamine	2.42	42	112910	20.33	ng	# 47
6) Aniline	7.10	93	51206	4.69	ng	# 23
8) 2-Chlorophenol	7.22	128	328451	42.16	ng	94
9) Benzaldehyde	6.83	77	89145	19.13	ng	97
10) Phenol	7.12	94	176532	19.15	ng	# 60
11) bis(2-Chloroethyl)ether	7.16	93	377048	50.54	ng	85
12) 1,3-Dichlorobenzene	7.55	146	381475	44.89	ng	96
13) 1,4-Dichlorobenzene	7.55	146	381484	43.73	ng	96
14) 1,2-Dichlorobenzene	7.78	146	372499	46.16	ng	96
15) Benzyl Alcohol	7.83	79	215798	35.06	ng	# 88
16) 2,2'-oxybis(1-Chloropropan	8.02	45	753283	44.87	ng	85
17) 2-Methylphenol	8.07	107	231219	37.03	ng	# 91
18) Hexachloroethane	8.30	117	116244	35.72	ng	98
19) n-Nitroso-di-n-propylamine	8.26	70	326016	51.79	ng	# 76
20) 3+4-Methylphenols	8.32	107	270520	35.84	ng	# 60
22) Acetophenone	8.22	105	566952	57.49	ng	# 94
24) Nitrobenzene	8.48	77	445240	51.50	ng	94
25) Isophorone	8.88	82	747990	50.92	ng	# 98
26) 2-Nitrophenol	8.98	139	185551	52.50	ng	# 85
27) 2,4-Dimethylphenol	9.13	122	296749	48.37	ng	# 86
28) bis(2-Chloroethoxy)methane	9.26	93	455782	55.09	ng	95
29) 2,4-Dichlorophenol	9.40	162	283821	51.33	ng	97
30) 1,2,4-Trichlorobenzene	9.48	180	314887	49.75	ng	98
31) Naphthalene	9.59	128	1045202	50.53	ng	98
32) Benzoic acid	9.38	122	13220	9.50	ng	# 33
33) 4-Chloroaniline	9.77	127	31741	4.17	ng	# 85
34) Hexachlorobutadiene	9.80	225	181173	47.09	ng	98
35) Caprolactam	10.34	113	6377	3.95	ng	# 1
36) 4-Chloro-3-methylphenol	10.62	107	293911	47.02	ng	87
37) 2-Methylnaphthalene	10.72	142	662725	51.29	ng	# 95
39) 1,2,4,5-Tetrachlorobenzene	10.99	216	274961	45.43	ng	99
40) Hexachlorocyclopentadiene	10.96	237	13731	14.32	ng	93

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052516\
 Data File : BF087391.D
 Acq On : 26 May 2016 2:29
 Operator : UM/SJ
 Sample : H3212-04MSD
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

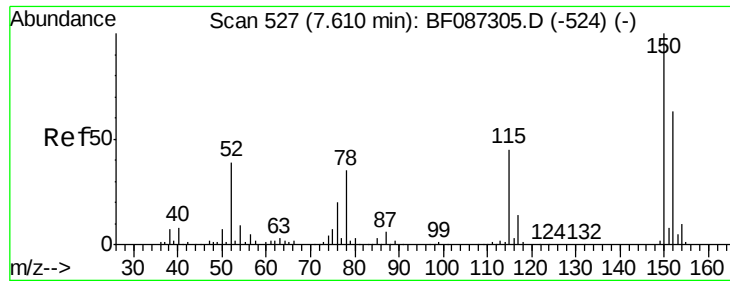
Instrument :
 BNA_F
 ClientSampleId :
 DAY-1MSD

Quant Time: May 26 04:22:26 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 25 16:26:52 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

42) 2,4,6-Trichlorophenol	11.23	196	176894	50.64	ng	93
43) 2,4,5-Trichlorophenol	11.32	196	163422	45.94	ng	# 82
45) 1,1'-Biphenyl	11.50	154	777841	48.87	ng	98
46) 2-Chloronaphthalene	11.51	162	569083	46.73	ng	96
47) 2-Nitroaniline	11.74	65	270690	61.69	ng	# 72
48) Acenaphthylene	12.16	152	826010	42.84	ng	98
49) Dimethylphthalate	12.06	163	665540	43.95	ng	98
50) 2,6-Dinitrotoluene	12.15	165	139117	45.59	ng	# 79
51) Acenaphthene	12.44	154	529857	44.71	ng	98
52) 3-Nitroaniline	12.36	138	8680	2.77	ng	# 35
53) 2,4-Dinitrophenol	12.63	184	29660	23.98	ng	# 58
54) Dibenzofuran	12.74	168	781529	48.71	ng	98
55) 4-Nitrophenol	12.74	139	339493	227.24	ng	# 25
56) 2,4-Dinitrotoluene	12.81	165	153016	37.52	ng	94
57) Fluorene	13.29	166	639405	45.96	ng	98
58) 2,3,4,6-Tetrachlorophenol	12.93	232	132037	48.25	ng	# 78
59) Diethylphthalate	13.21	149	678002	46.05	ng	97
60) 4-Chlorophenyl-phenylether	13.33	204	285888	42.14	ng	87
61) 4-Nitroaniline	13.44	138	53726	18.38	ng	# 49
62) Azobenzene	13.58	77	779967	51.06	ng	89
64) 4,6-Dinitro-2-methylphenol	13.49	198	20314	11.93	ng	# 1
65) n-Nitrosodiphenylamine	13.54	169	505273	58.34	ng	99
66) 4-Bromophenyl-phenylether	14.10	248	153066	52.25	ng	91
67) Hexachlorobenzene	14.17	284	156611	51.11	ng	# 61
69) Pentachlorophenol	14.56	266	169824	170.74	ng	97
70) Phenanthrene	14.85	178	823373	55.51	ng	100
71) Anthracene	14.93	178	740026	49.39	ng	99
72) Carbazole	15.25	167	665432	52.07	ng	# 96
73) Di-n-butylphthalate	15.81	149	830174	50.23	ng	# 96
74) Fluoranthene	16.61	202	734912	49.41	ng	97
77) Pyrene	16.91	202	780870	47.50	ng	98
79) Butylbenzylphthalate	17.83	149	360071	49.39	ng	# 67
80) Benzo(a)anthracene	18.49	228	696820	53.64	ng	99
82) Chrysene	18.54	228	653652	50.70	ng	99
83) Bis(2-ethylhexyl)phthalate	18.56	149	502513	47.24	ng	# 98
84) Di-n-octyl phthalate	19.33	149	855815	52.76	ng	# 86
85) Indeno(1,2,3-cd)pyrene	21.39	276	459474	44.46	ng	# 93
87) Benzo(b)fluoranthene	19.76	252	1076972	106.75	ng	# 95
88) Benzo(k)fluoranthene	19.76	252	1076972	124.02	ng	98
89) Benzo(a)pyrene	20.10	252	466225	53.43	ng	98
90) Dibenzo(a,h)anthracene	21.39	278	391608	52.62	ng	96
91) Benzo(g,h,i)perylene	21.74	276	375588	51.15	ng	94

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.52 min Scan# 519

Delta R.T. 0.00 min

Lab File: BF087391.D

Acq: 26 May 2016 2:29

Instrument :

BNA_F

ClientSampleId :

DAY-1MSD

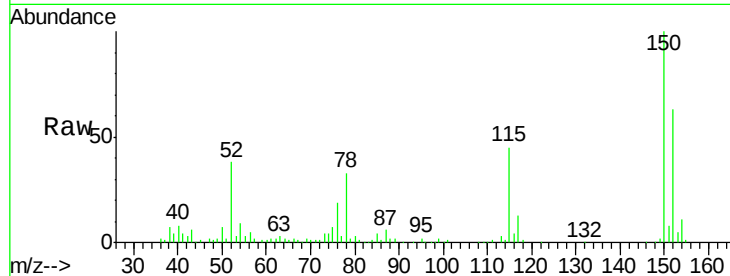
Tgt Ion:152 Resp: 109776

Ion Ratio Lower Upper

152 100

150 157.7 125.8 188.6

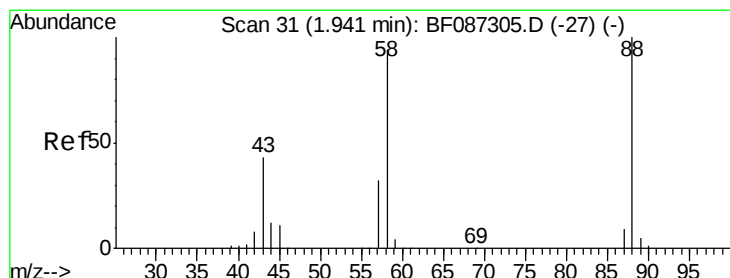
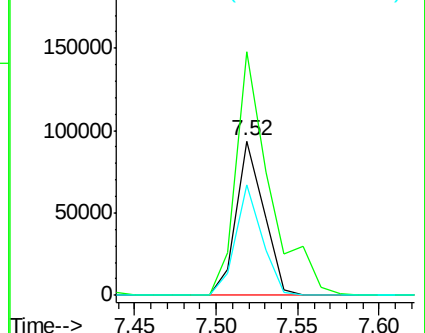
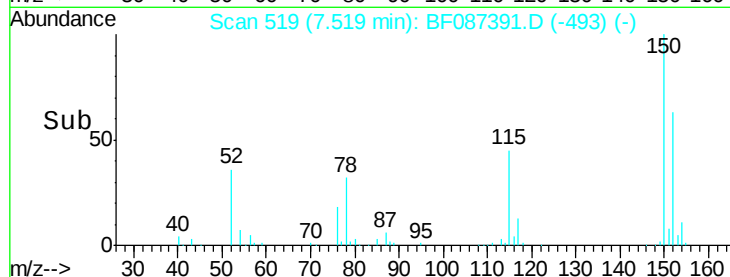
115 71.4 51.5 77.3



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 16.10 ng

RT: 1.86 min Scan# 24

Delta R.T. 0.05 min

Lab File: BF087391.D

Acq: 26 May 2016 2:29

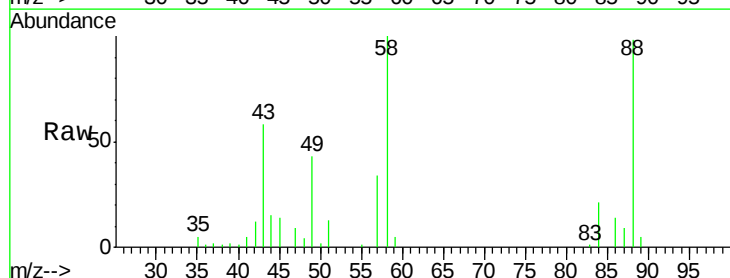
Tgt Ion: 88 Resp: 53064

Ion Ratio Lower Upper

88 100

58 97.9 59.6 89.4#

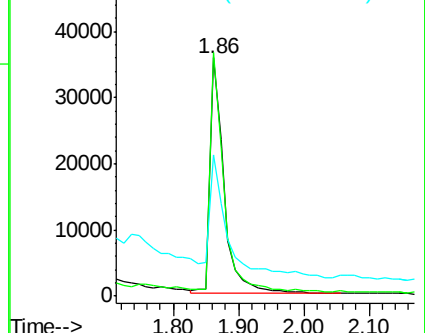
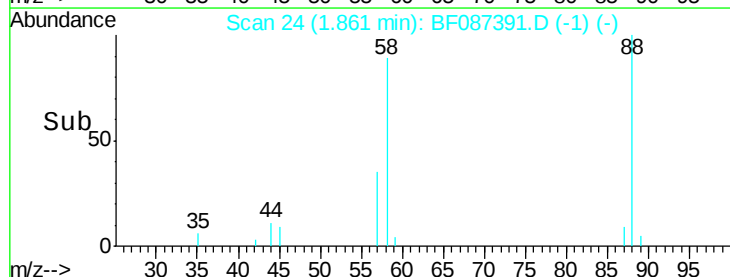
43 65.6 21.8 32.6#

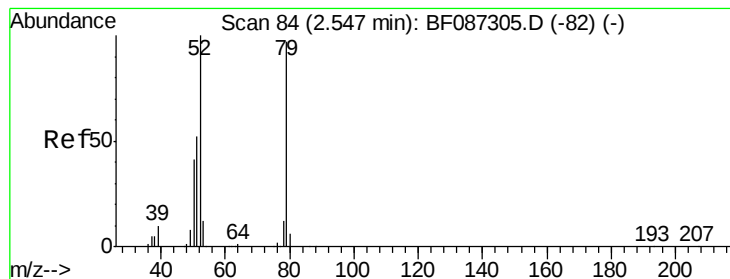


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 10.80 ng

RT: 2.52 min Scan# 82

Delta R.T. 0.11 min

Lab File: BF087391.D

Acq: 26 May 2016 2:29

Instrument :

BNA_F

ClientSampleId :

DAY-1MSD

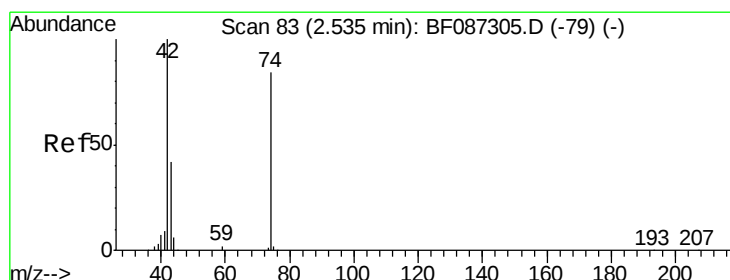
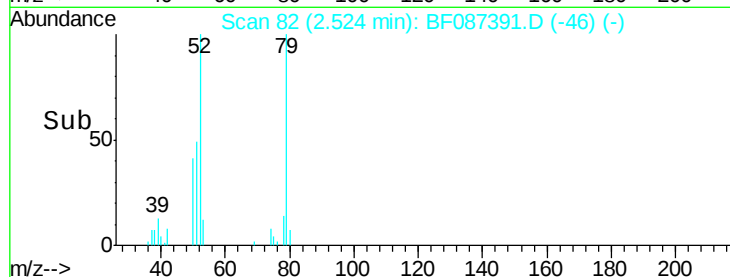
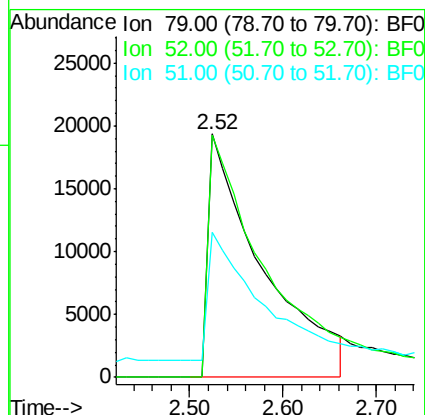
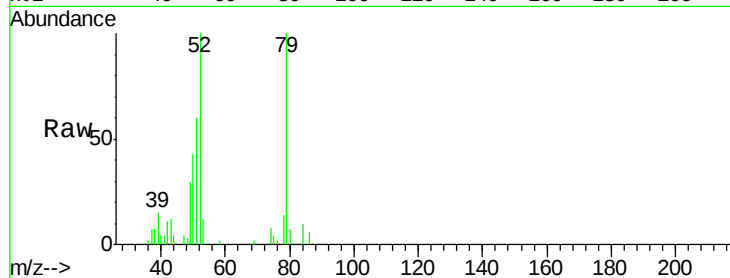
Tgt Ion: 79 Resp: 77850

Ion Ratio Lower Upper

79 100

52 99.8 55.9 83.9#

51 59.8 28.1 42.1#



#4

n-Nitrosodimethylamine

Concen: 20.33 ng

RT: 2.42 min Scan# 73

Delta R.T. 0.03 min

Lab File: BF087391.D

Acq: 26 May 2016 2:29

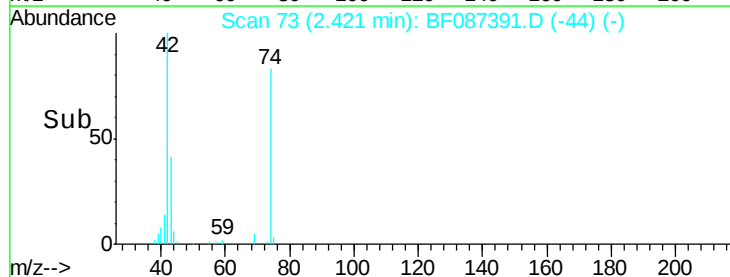
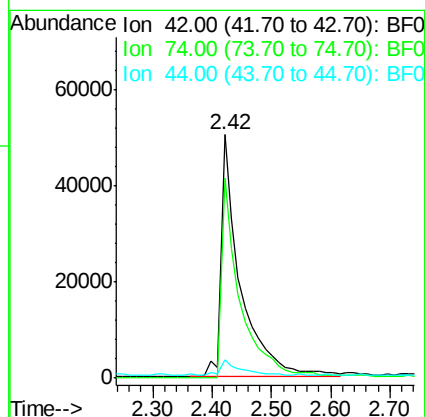
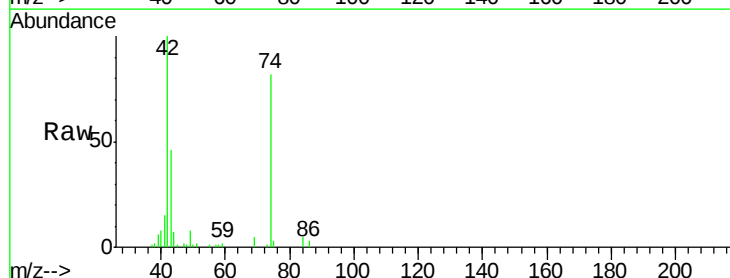
Tgt Ion: 42 Resp: 112910

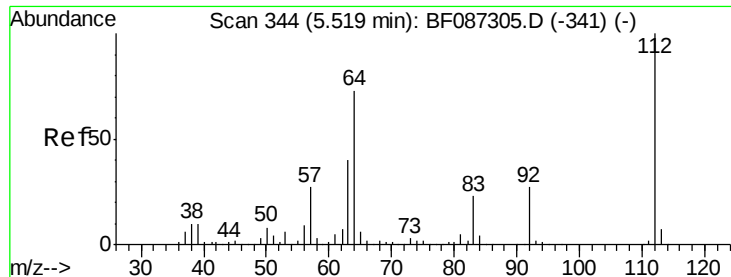
Ion Ratio Lower Upper

42 100

74 82.2 123.4 185.0#

44 7.3 5.8 8.6





#5

2-Fluorophenol

Concen: 81.03 ng

RT: 5.45 min Scan# 338

Delta R.T. 0.03 min

Lab File: BF087391.D

Acq: 26 May 2016 2:29

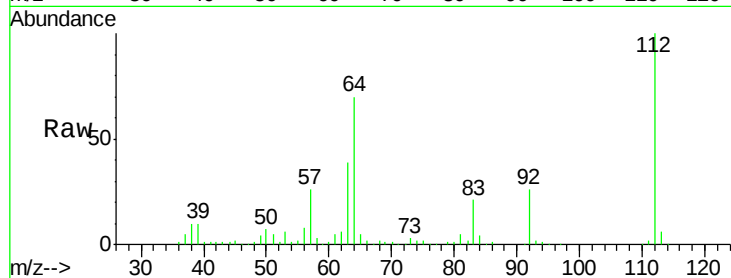
Instrument :

BNA_F

ClientSampleId :

DAY-1MSD

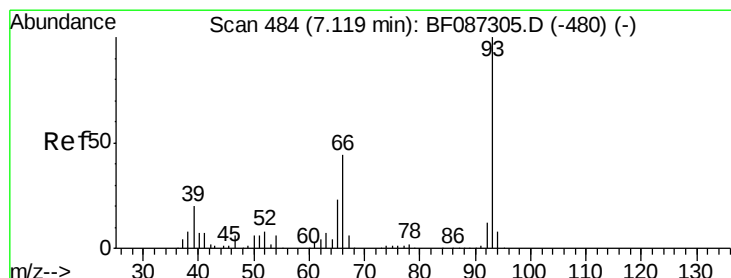
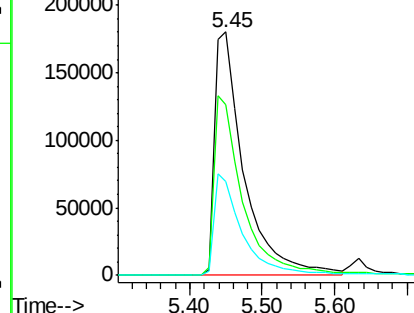
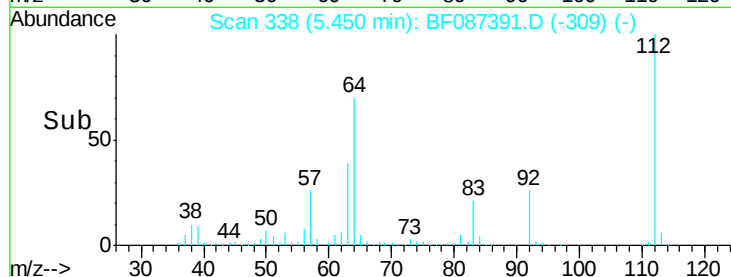
Tgt Ion:	112	Resp:	506211
Ion	Ratio	Lower	Upper
112	100		
64	69.9	52.1	78.1
63	38.5	25.7	38.5#



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 4.69 ng

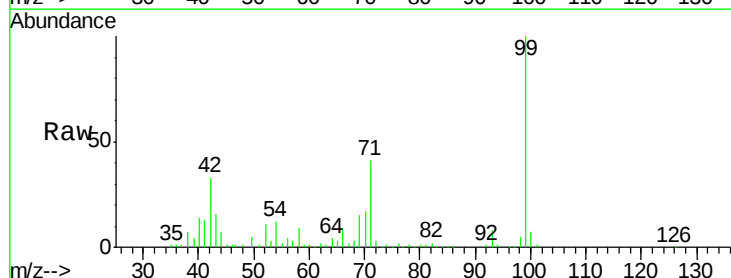
RT: 7.10 min Scan# 482

Delta R.T. 0.07 min

Lab File: BF087391.D

Acq: 26 May 2016 2:29

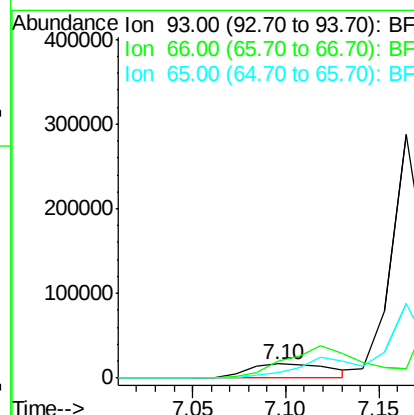
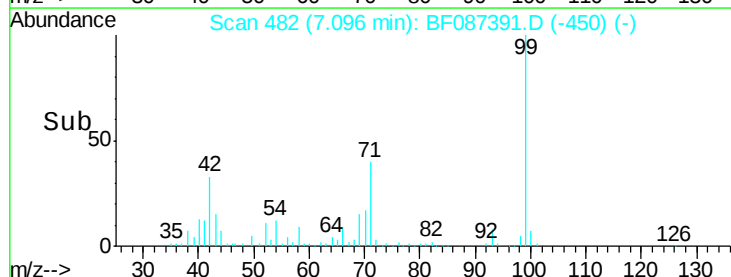
Tgt Ion:	93	Resp:	51206
Ion	Ratio	Lower	Upper
93	100		
66	119.7	39.0	58.6#
65	38.5	20.6	31.0#

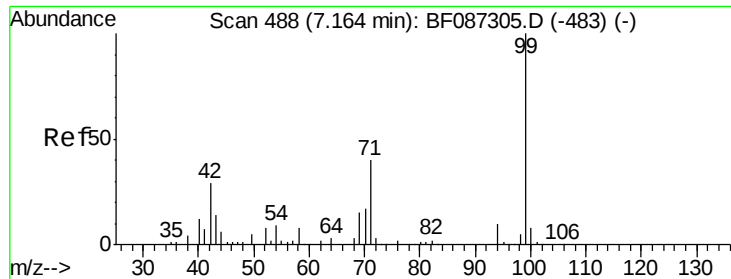


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 49.49 ng

RT: 7.10 min Scan# 482

Delta R.T. 0.02 min

Lab File: BF087391.D

Acq: 26 May 2016 2:29

Instrument :

BNA_F

ClientSampleId :

DAY-1MSD

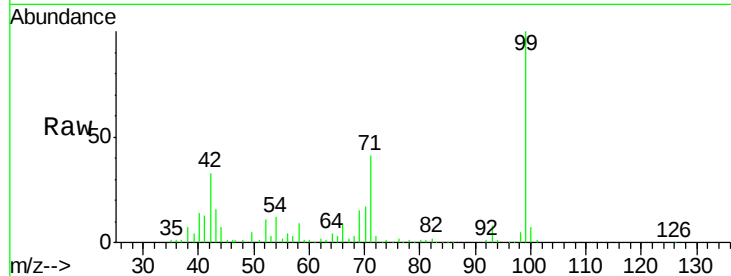
Tgt Ion: 99 Resp: 417762

Ion Ratio Lower Upper

99 100

42 33.3 13.6 20.4#

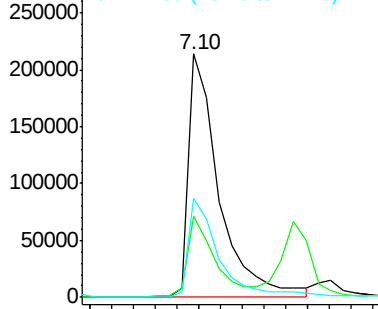
71 40.7 24.6 36.8#



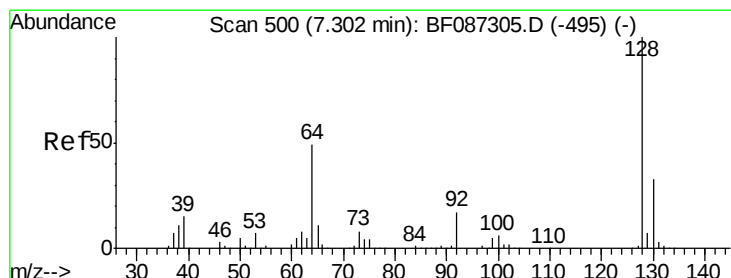
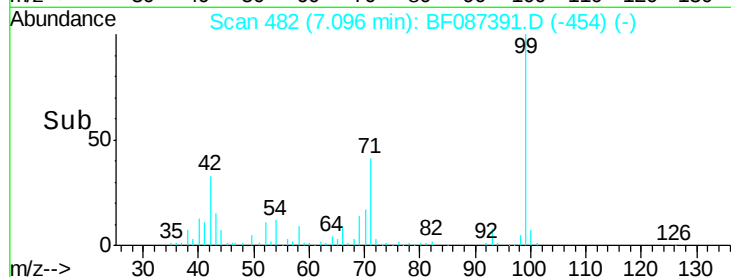
Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



Time-->



#8

2-Chlorophenol

Concen: 42.16 ng

RT: 7.22 min Scan# 493

Delta R.T. 0.02 min

Lab File: BF087391.D

Acq: 26 May 2016 2:29

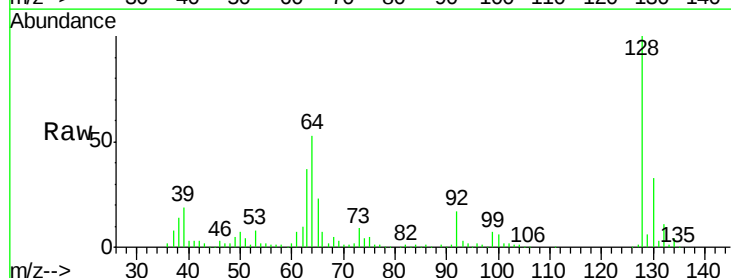
Tgt Ion: 128 Resp: 328451

Ion Ratio Lower Upper

128 100

130 32.6 12.5 52.5

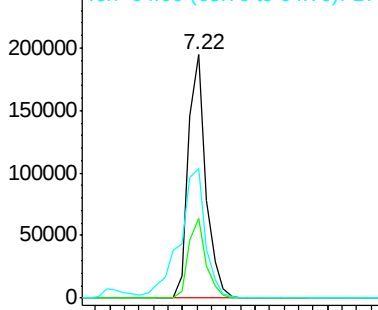
64 53.5 27.3 67.3



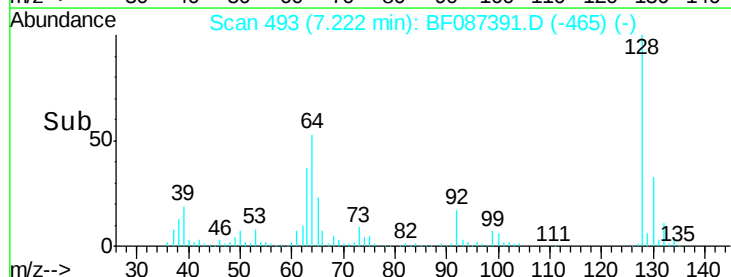
Abundance Ion 128.00 (127.70 to 128.70): E

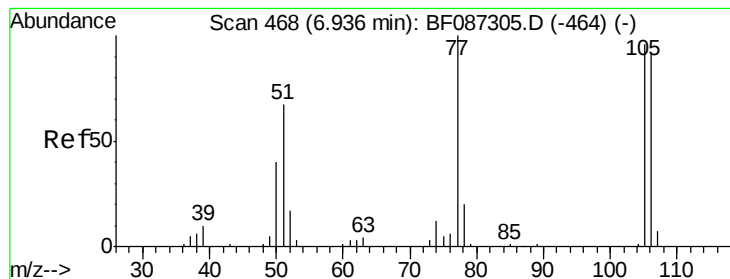
Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0



Time-->





#9

Benzaldehyde

Concen: 19.13 ng

RT: 6.83 min Scan# 459

Delta R.T. -0.00 min

Lab File: BF087391.D

Acq: 26 May 2016 2:29

Instrument :

BNA_F

ClientSampleId :

DAY-1MSD

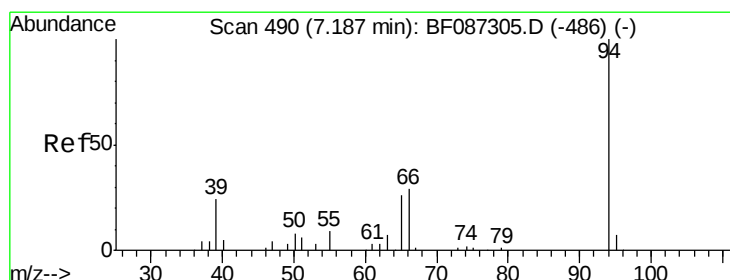
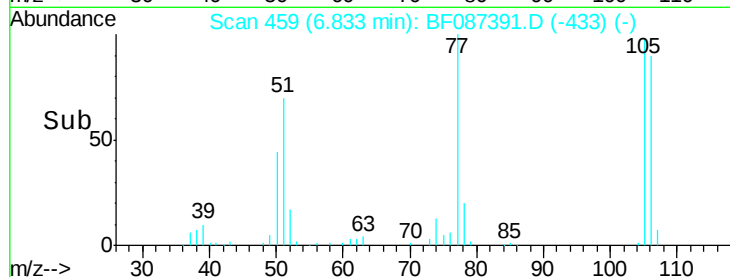
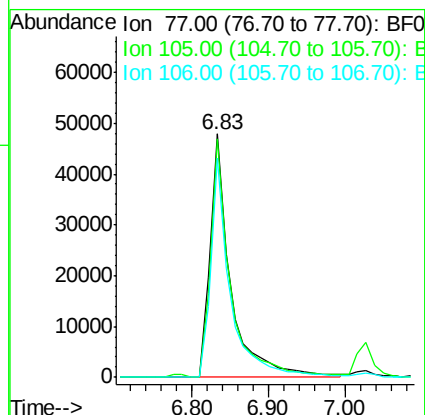
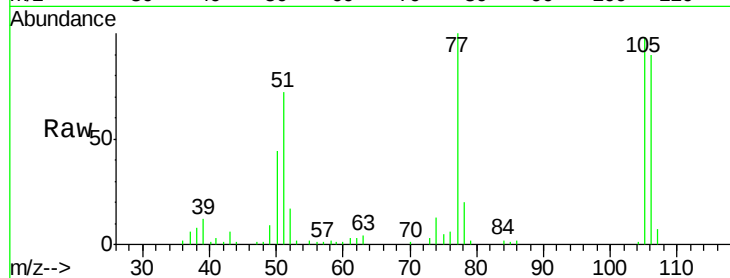
Tgt Ion: 77 Resp: 89145

Ion Ratio Lower Upper

77 100

105 97.8 72.7 112.7

106 90.3 70.8 110.8



#10

Phenol

Concen: 19.15 ng

RT: 7.12 min Scan# 484

Delta R.T. 0.03 min

Lab File: BF087391.D

Acq: 26 May 2016 2:29

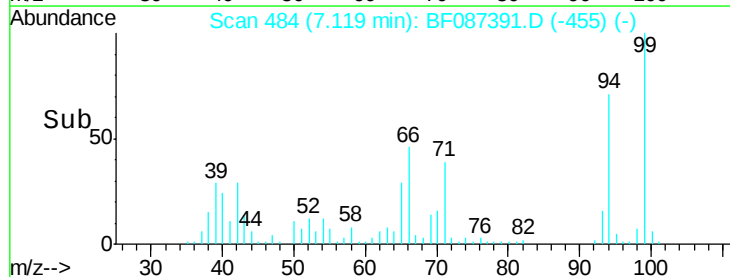
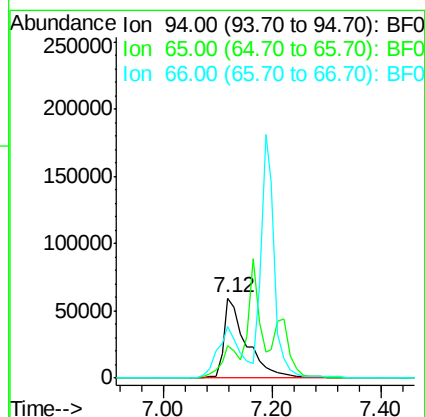
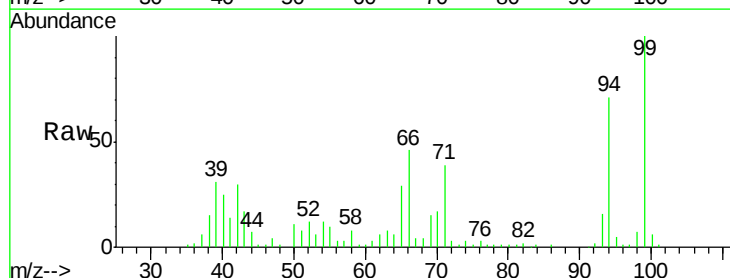
Tgt Ion: 94 Resp: 176532

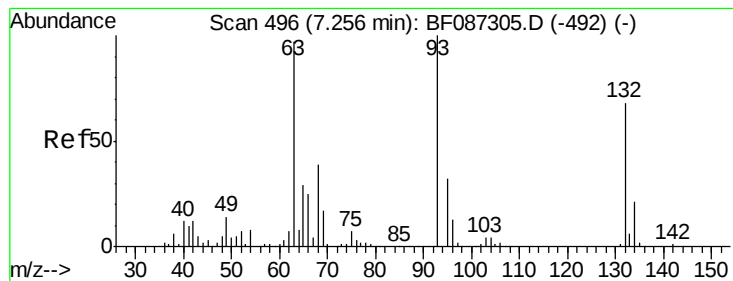
Ion Ratio Lower Upper

94 100

65 40.5 7.2 47.2

66 64.6 14.9 54.9#





#11

bis(2-Chloroethyl)ether

Concen: 50.54 ng

RT: 7.16 min Scan# 488

Delta R.T. 0.00 min

Lab File: BF087391.D

Acq: 26 May 2016 2:29

Instrument :

BNA_F

ClientSampleId :

DAY-1MSD

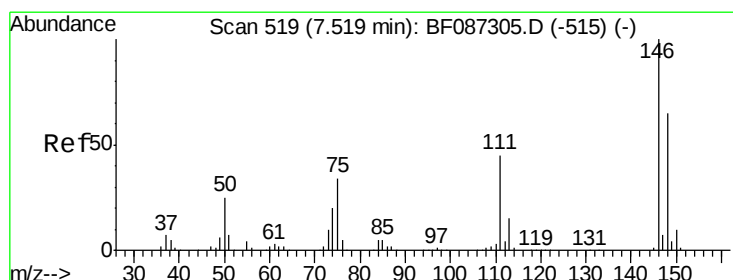
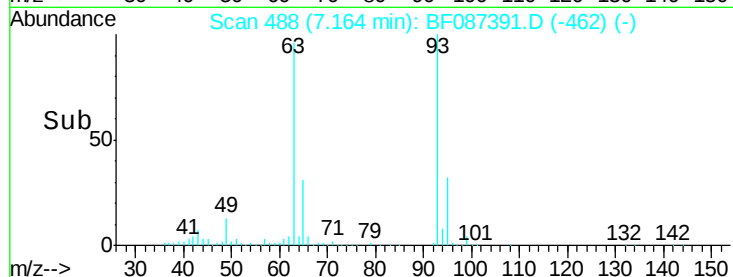
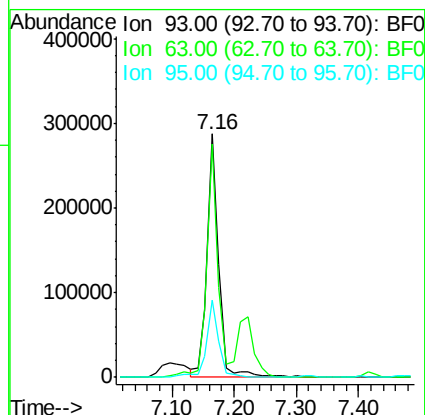
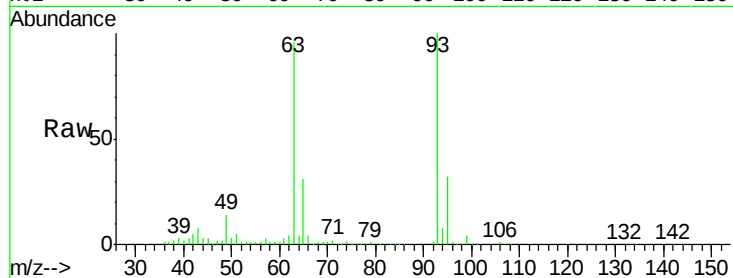
Tgt Ion: 93 Resp: 377048

Ion Ratio Lower Upper

93 100

63 96.1 58.0 98.0

95 31.8 11.9 51.9



#12

1,3-Dichlorobenzene

Concen: 44.89 ng

RT: 7.55 min Scan# 522

Delta R.T. 0.14 min

Lab File: BF087391.D

Acq: 26 May 2016 2:29

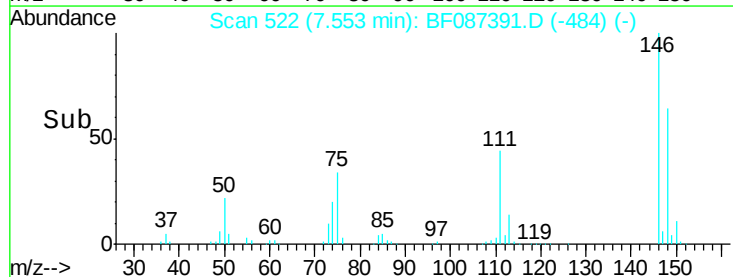
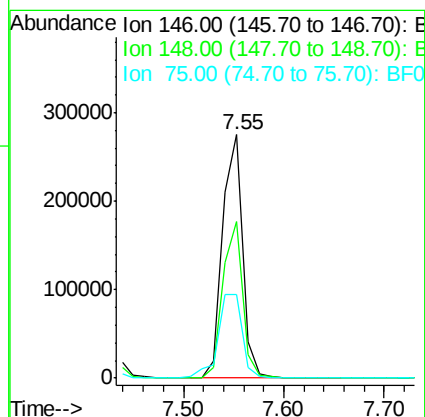
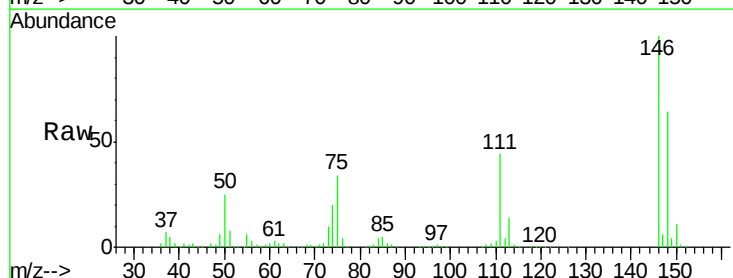
Tgt Ion: 146 Resp: 381475

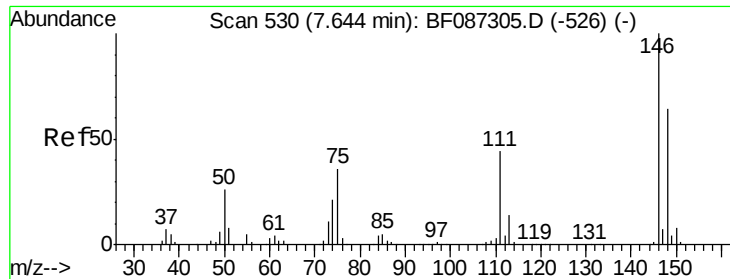
Ion Ratio Lower Upper

146 100

148 64.3 52.4 78.6

75 34.2 22.8 34.2

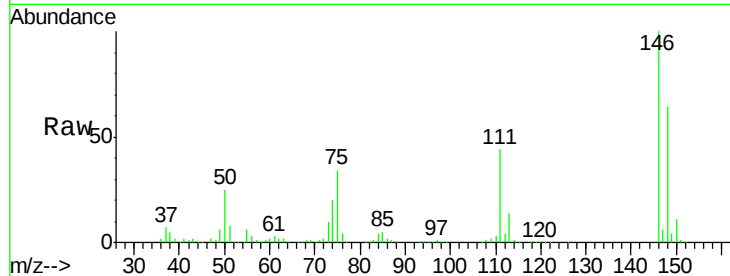




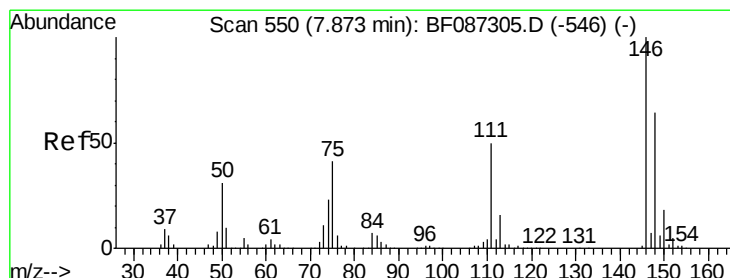
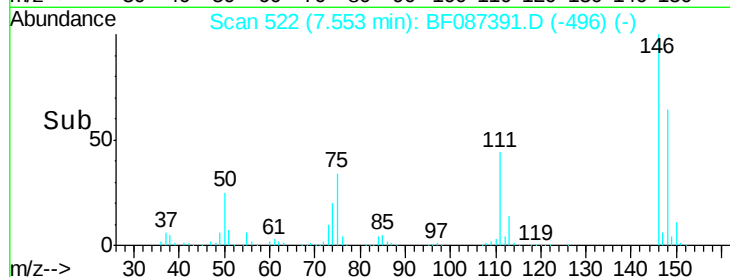
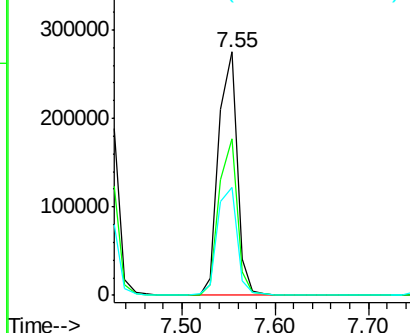
#13
 1,4-Dichlorobenzene
 Concen: 43.73 ng
 RT: 7.55 min Scan# 522
 Delta R.T. 0.00 min
 Lab File: BF087391.D
 Acq: 26 May 2016 2:29

Instrument :
 BNA_F
 ClientSampleId :
 DAY-1MSD

Tgt Ion:146 Resp: 381484
 Ion Ratio Lower Upper
 146 100
 148 64.3 52.2 78.4
 111 44.2 30.7 46.1

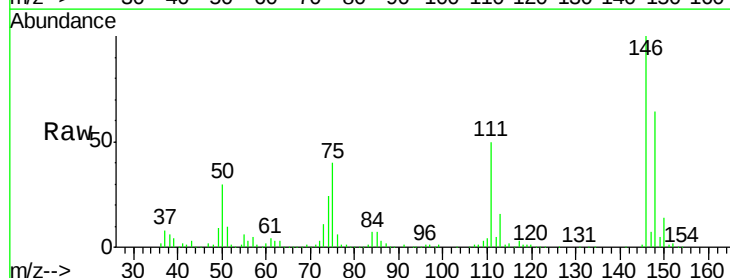


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

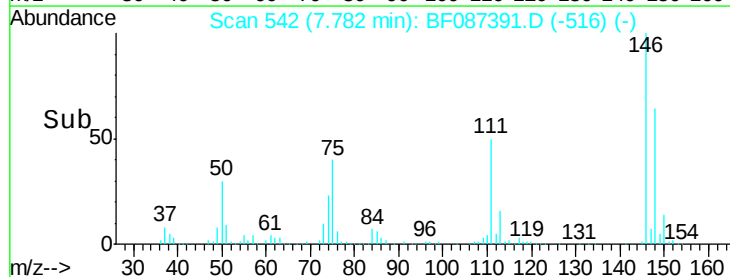
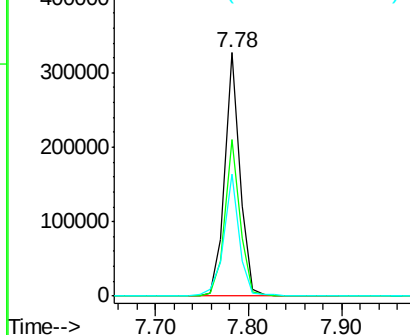


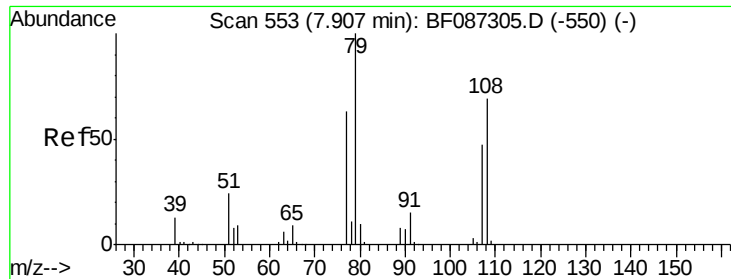
#14
 1,2-Dichlorobenzene
 Concen: 46.16 ng
 RT: 7.78 min Scan# 542
 Delta R.T. 0.00 min
 Lab File: BF087391.D
 Acq: 26 May 2016 2:29

Tgt Ion:146 Resp: 372499
 Ion Ratio Lower Upper
 146 100
 148 64.4 51.0 76.6
 111 50.2 36.2 54.4



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





#15

Benzyl Alcohol

Concen: 35.06 ng

RT: 7.83 min Scan# 546

Delta R.T. 0.01 min

Lab File: BF087391.D

Acq: 26 May 2016 2:29

Instrument :

BNA_F

ClientSampleId :

DAY-1MSD

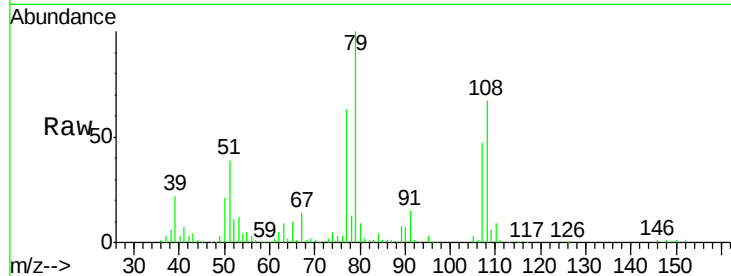
Tgt Ion: 79 Resp: 215798

Ion Ratio Lower Upper

79 100

108 66.7 68.4 102.6#

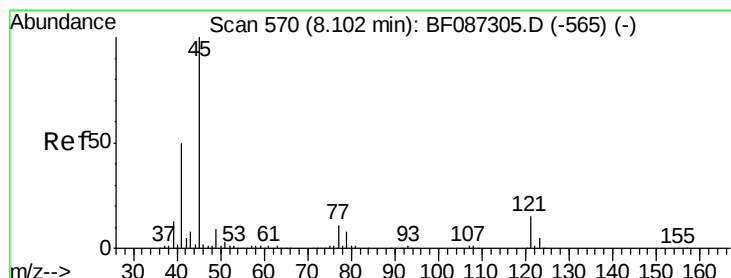
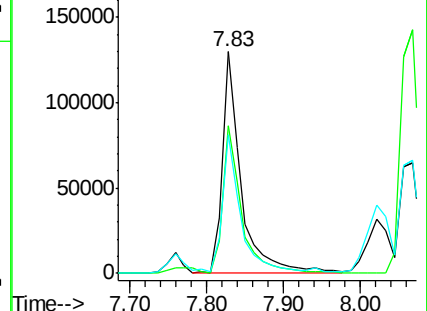
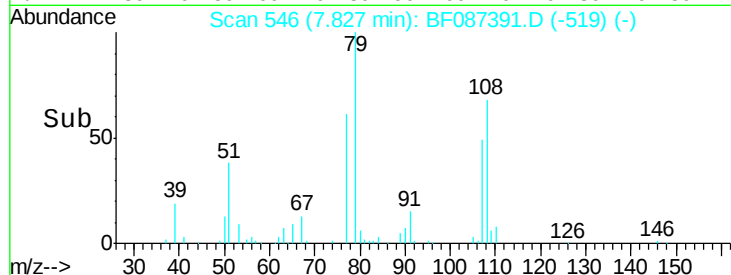
77 62.8 50.6 76.0



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 44.87 ng

RT: 8.02 min Scan# 563

Delta R.T. 0.01 min

Lab File: BF087391.D

Acq: 26 May 2016 2:29

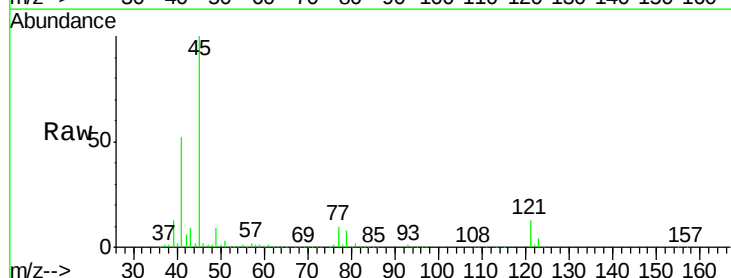
Tgt Ion: 45 Resp: 753283

Ion Ratio Lower Upper

45 100

77 9.8 0.0 36.4

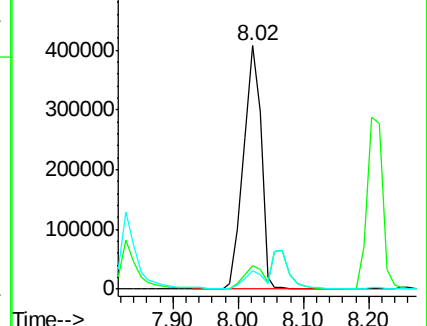
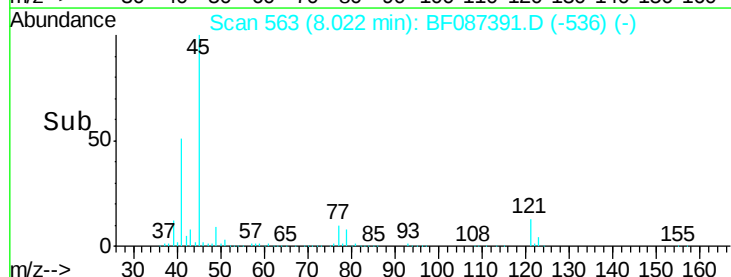
79 7.8 0.0 33.4

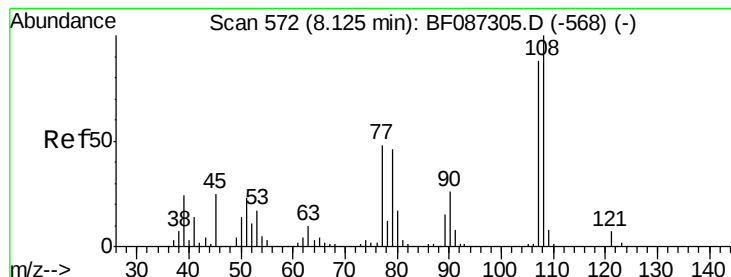


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0





#17

2-Methylphenol

Concen: 37.03 ng

RT: 8.07 min Scan# 567

Delta R.T. 0.03 min

Lab File: BF087391.D

Acq: 26 May 2016 2:29

Instrument :

BNA_F

ClientSampleId :

DAY-1MSD

Tgt Ion:107 Resp: 231219

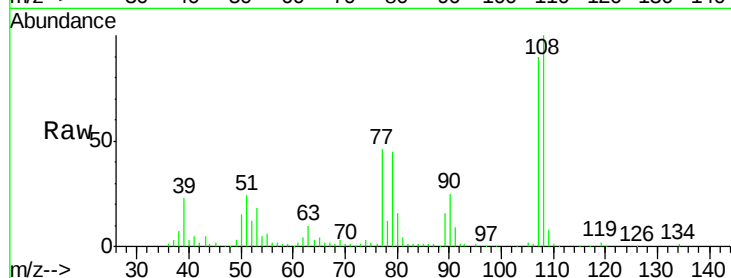
Ion Ratio Lower Upper

107 100

108 111.1 93.7 140.5

77 51.3 33.4 50.0#

79 50.2 34.3 51.5

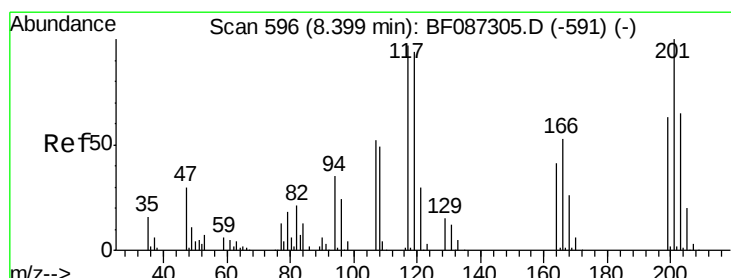
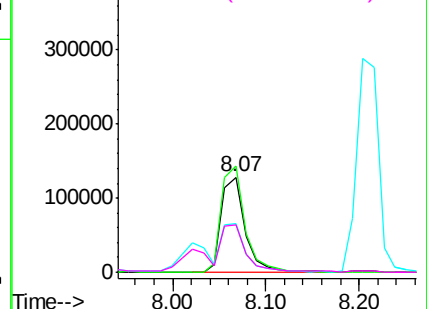
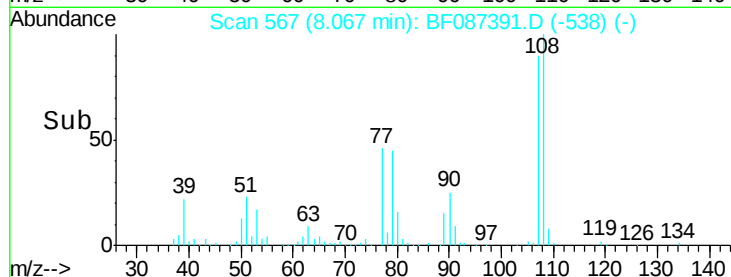


Abundance Ion 107.00 (106.70 to 107.70): E

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: 35.72 ng

RT: 8.30 min Scan# 587

Delta R.T. 0.00 min

Lab File: BF087391.D

Acq: 26 May 2016 2:29

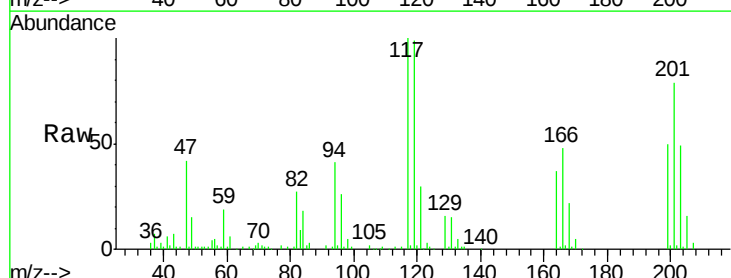
Tgt Ion:117 Resp: 116244

Ion Ratio Lower Upper

117 100

119 98.8 76.5 114.7

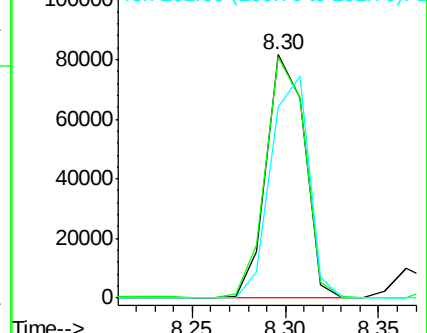
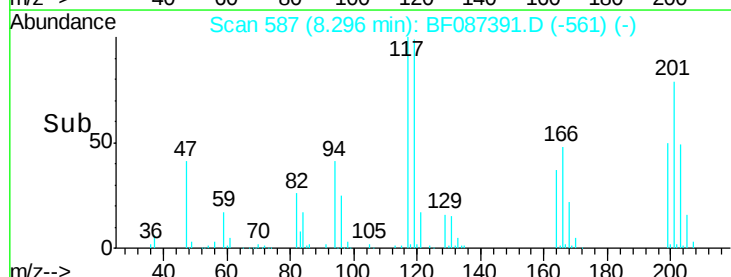
201 78.7 63.0 94.6

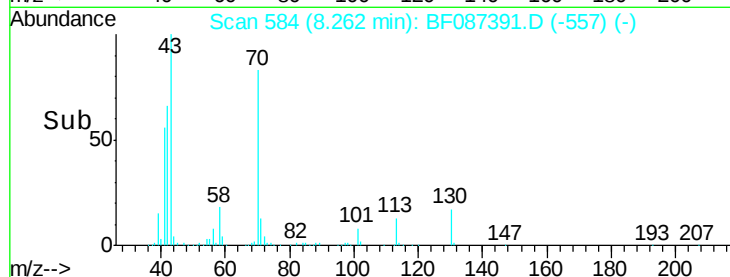
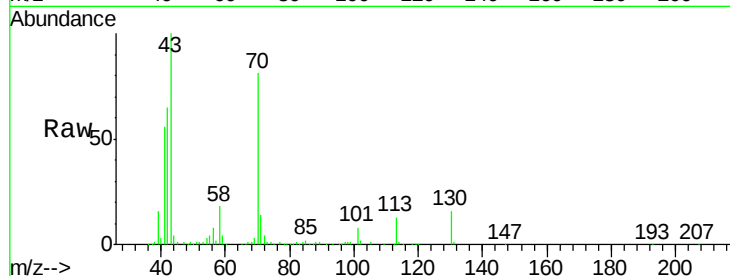
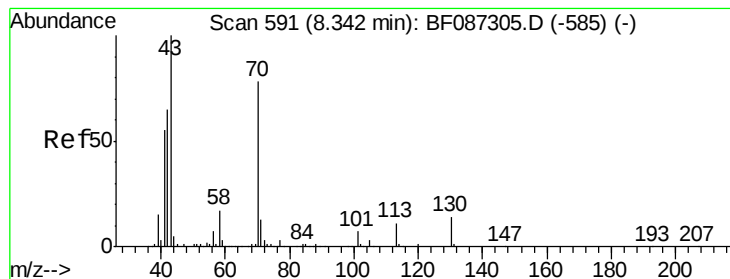


Abundance Ion 117.00 (116.70 to 117.70): E

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: 51.79 ng

RT: 8.26 min Scan# 584

Delta R.T. 0.01 min

Lab File: BF087391.D

Acq: 26 May 2016 2:29

Instrument :

BNA_F

ClientSampleId :

DAY-1MSD

Tgt Ion: 70 Resp: 326016

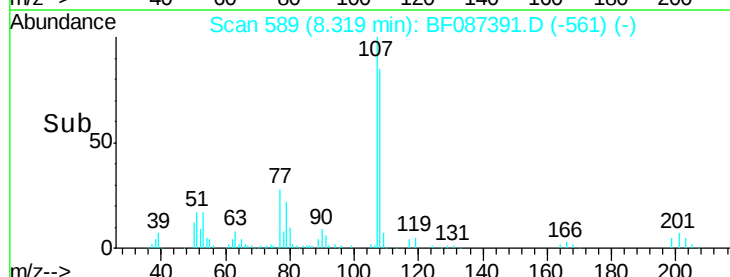
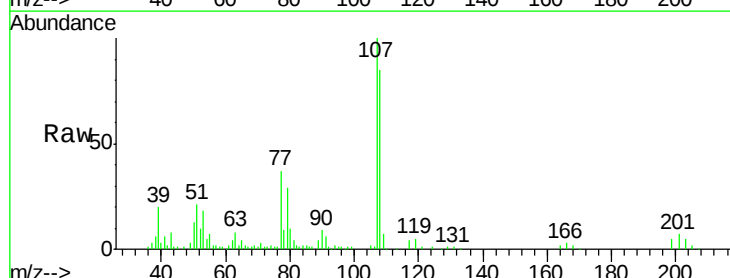
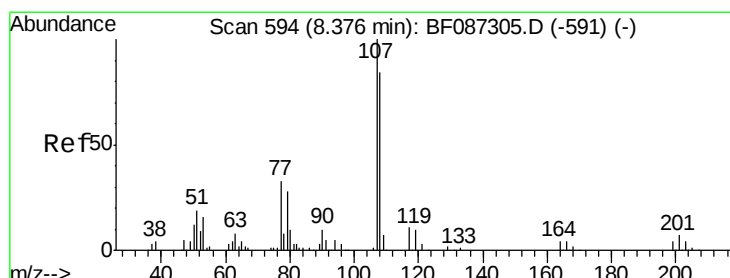
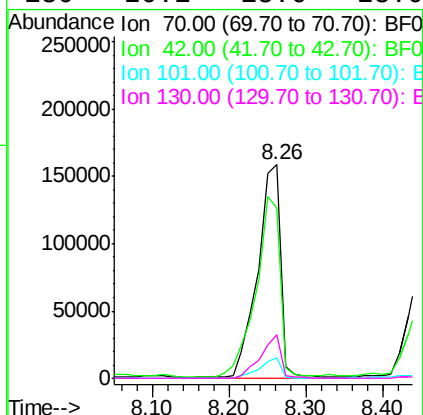
Ion Ratio Lower Upper

70 100

42 79.8 43.1 64.7#

101 9.5 8.1 12.1

130 20.1 18.6 28.0



#20

3+4-Methylphenols

Concen: 35.84 ng

RT: 8.32 min Scan# 589

Delta R.T. 0.02 min

Lab File: BF087391.D

Acq: 26 May 2016 2:29

Tgt Ion: 107 Resp: 270520

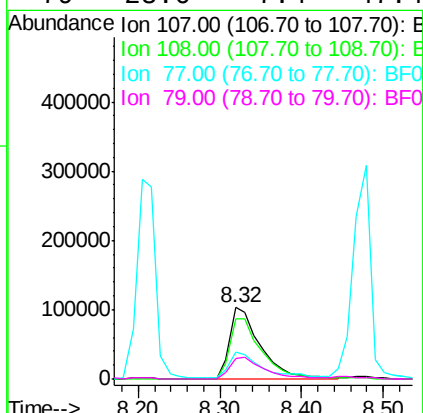
Ion Ratio Lower Upper

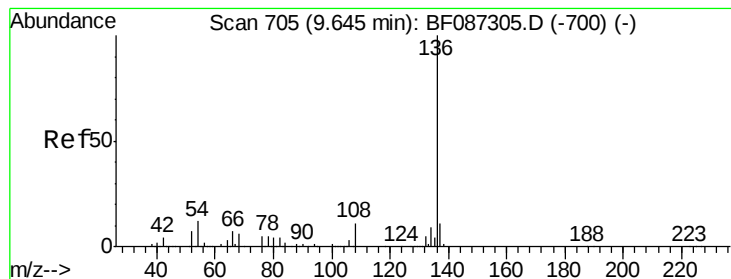
107 100

108 84.6 68.5 108.5

77 37.0 101.6 141.6#

79 28.6 7.4 47.4





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.55 min Scan# 697

Delta R.T. 0.00 min

Lab File: BF087391.D

Acq: 26 May 2016 2:29

Instrument :

BNA_F

ClientSampleId :

DAY-1MSD

Tgt Ion:136 Resp: 412778

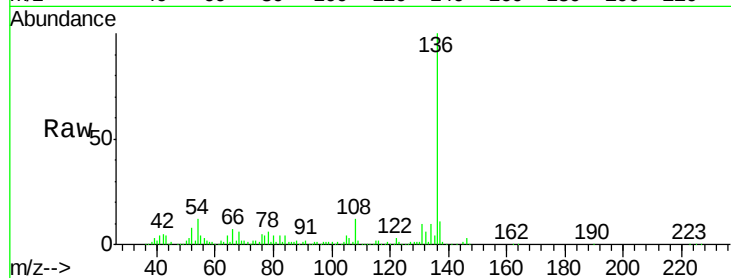
Ion Ratio Lower Upper

136 100

137 11.3 8.8 13.2

54 12.4 5.0 7.4#

68 6.4 4.4 6.6

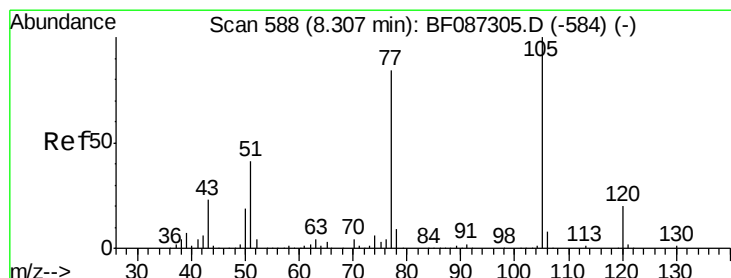
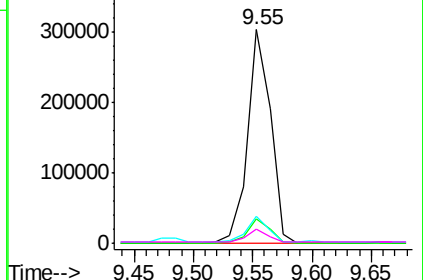
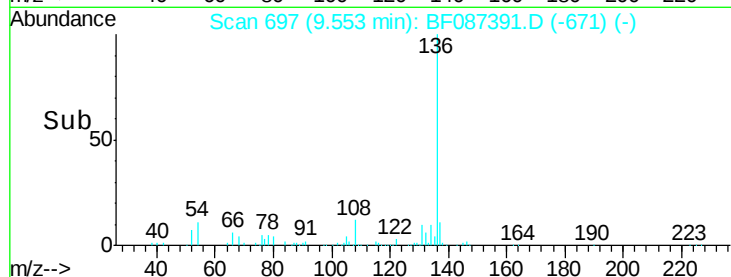


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 57.49 ng

RT: 8.22 min Scan# 580

Delta R.T. 0.00 min

Lab File: BF087391.D

Acq: 26 May 2016 2:29

Tgt Ion:105 Resp: 566952

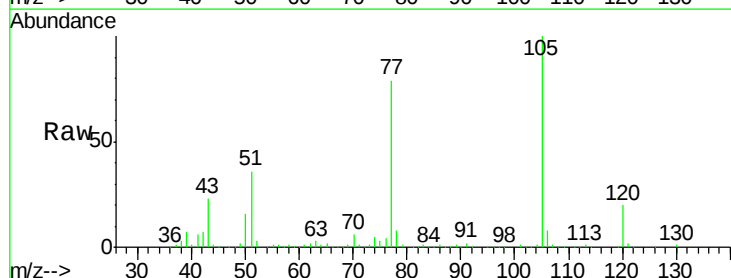
Ion Ratio Lower Upper

105 100

71 1.1 4.8 7.2#

51 36.1 32.6 49.0

120 20.4 16.5 24.7

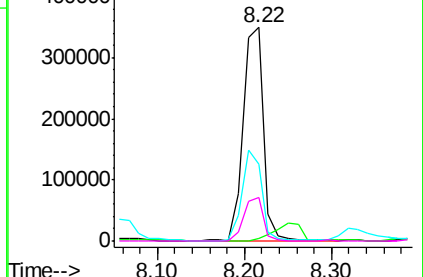
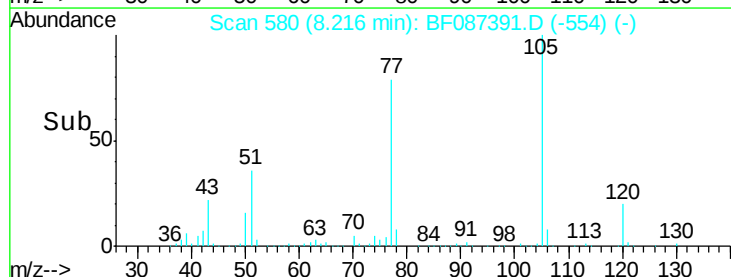


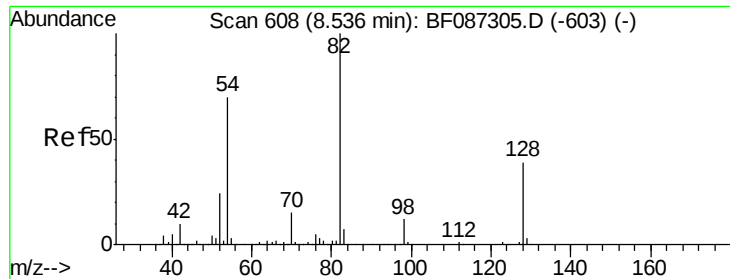
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

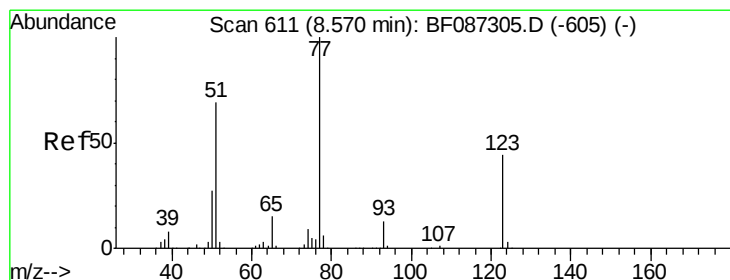
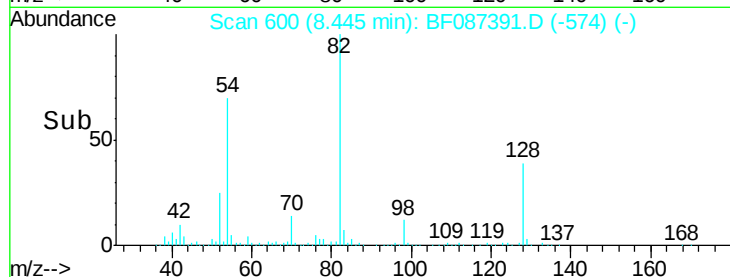
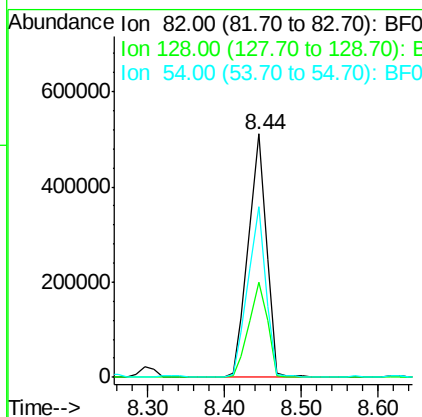
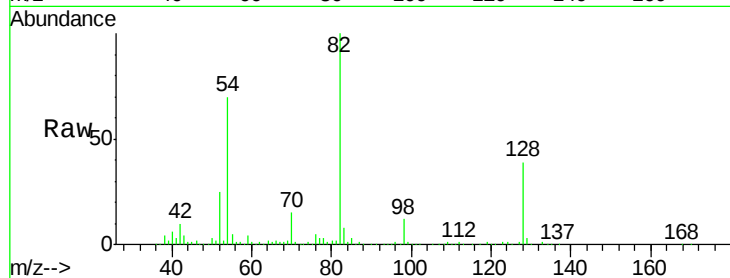




#23
 Nitrobenzene-d5
 Concen: 102.87 ng
 RT: 8.44 min Scan# 600
 Delta R.T. 0.00 min
 Lab File: BF087391.D
 Acq: 26 May 2016 2:29

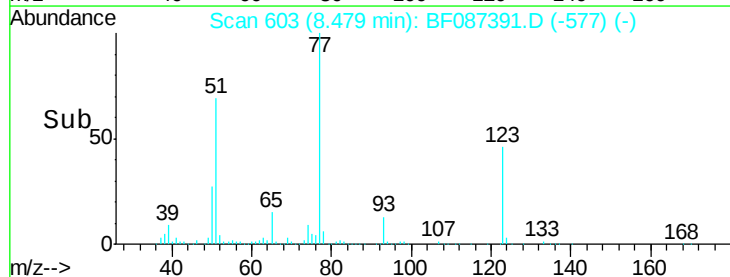
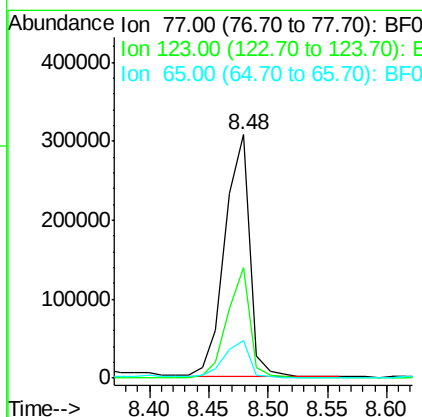
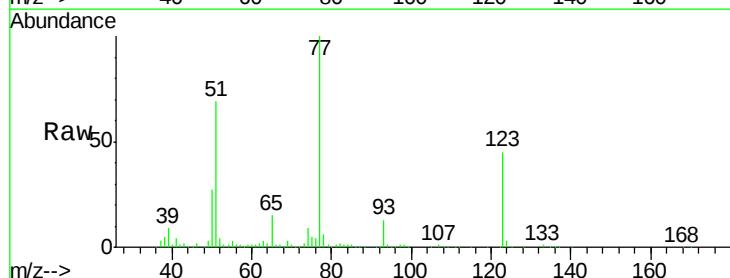
Instrument :
 BNA_F
 ClientSampleId :
 DAY-1MSD

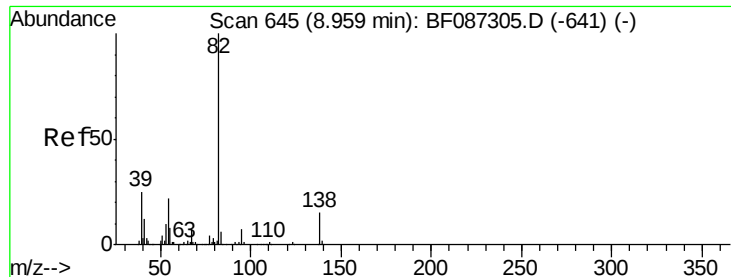
Tgt Ion	Ratio	Lower	Upper
82	100		
128	38.8	40.6	61.0#
54	70.2	38.1	57.1#



#24
 Nitrobenzene
 Concen: 51.50 ng
 RT: 8.48 min Scan# 603
 Delta R.T. 0.00 min
 Lab File: BF087391.D
 Acq: 26 May 2016 2:29

Tgt Ion	Ratio	Lower	Upper
77	100		
123	45.4	33.0	49.4
65	15.3	10.8	16.2





#25

Isophorone

Concen: 50.92 ng

RT: 8.88 min Scan# 638

Delta R.T. -0.00 min

Lab File: BF087391.D

Acq: 26 May 2016 2:29

Instrument :

BNA_F

ClientSampleId :

DAY-1MSD

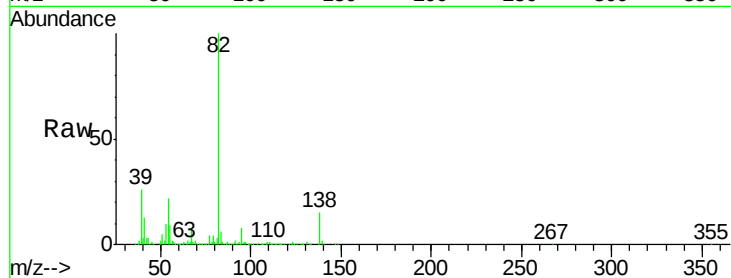
Tgt Ion: 82 Resp: 747990

Ion Ratio Lower Upper

82 100

95 8.0 5.1 7.7#

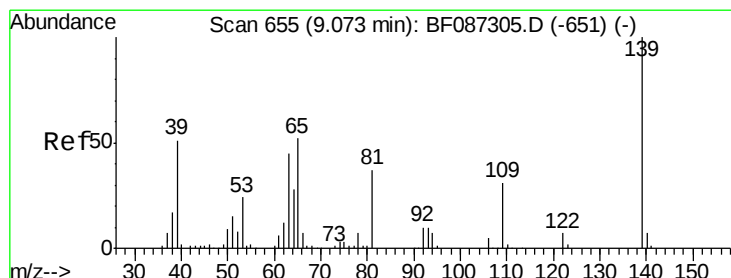
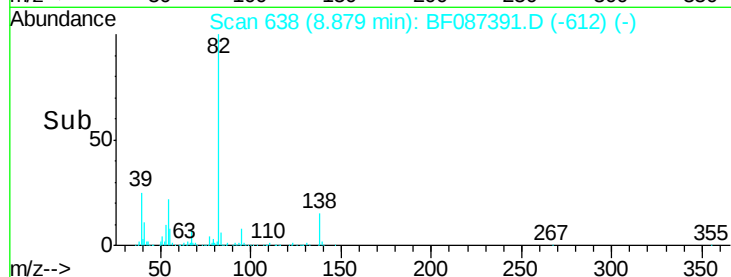
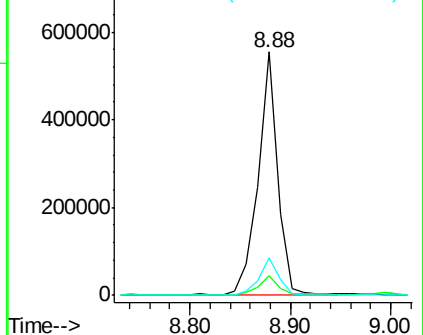
138 15.2 12.4 18.6



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 52.50 ng

RT: 8.98 min Scan# 647

Delta R.T. -0.00 min

Lab File: BF087391.D

Acq: 26 May 2016 2:29

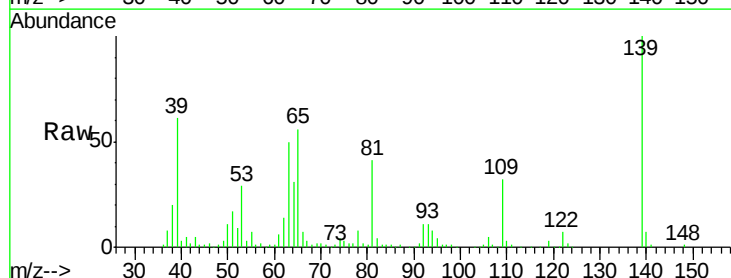
Tgt Ion: 139 Resp: 185551

Ion Ratio Lower Upper

139 100

109 32.3 19.5 29.3#

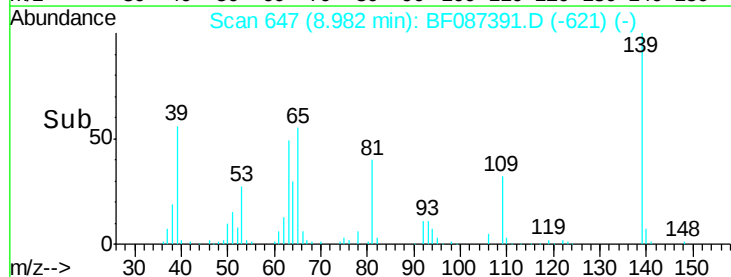
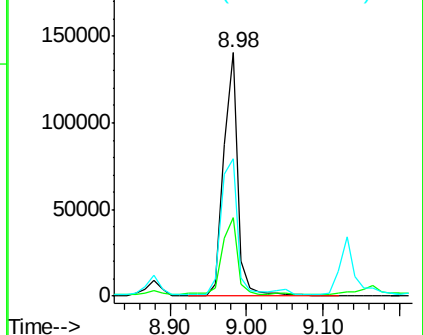
65 56.4 37.5 56.3#



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0

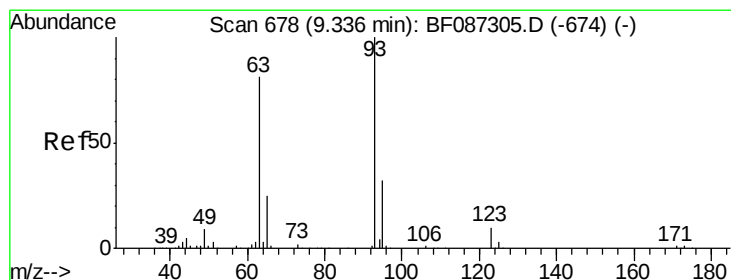
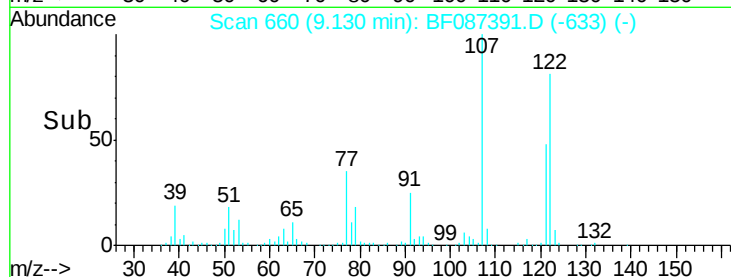
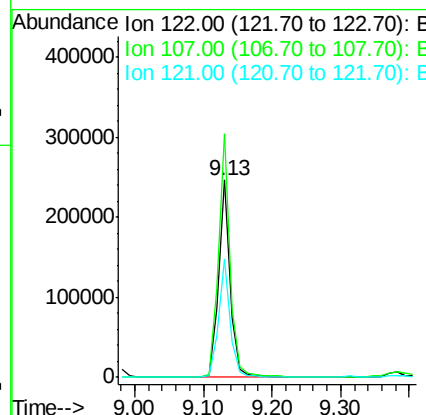
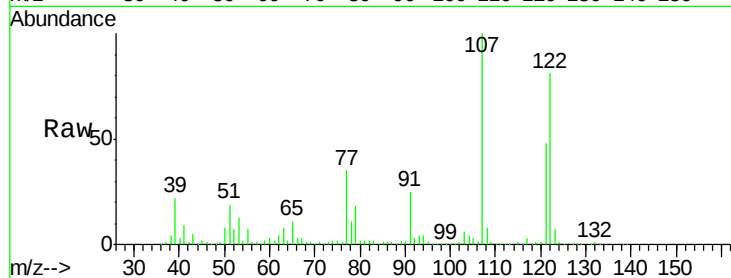




#27
 2,4-Dimethylphenol
 Concen: 48.37 ng
 RT: 9.13 min Scan# 660
 Delta R.T. 0.01 min
 Lab File: BF087391.D
 Acq: 26 May 2016 2:29

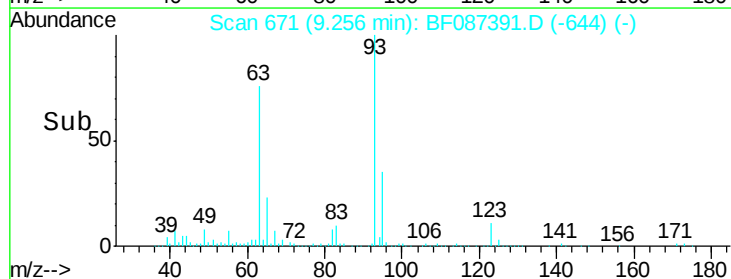
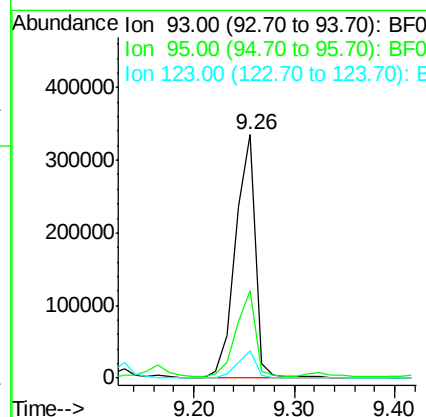
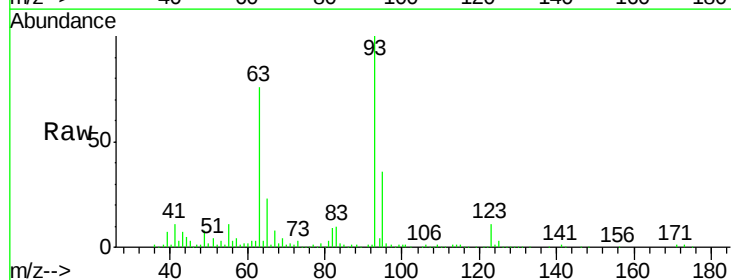
Instrument :
 BNA_F
 ClientSampleId :
 DAY-1MSD

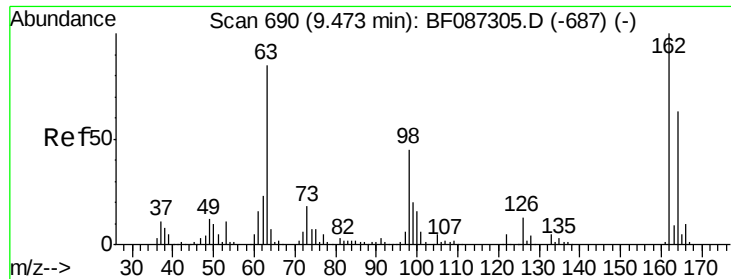
Tgt Ion:122 Resp: 296749
 Ion Ratio Lower Upper
 122 100
 107 123.4 82.0 123.0#
 121 59.7 46.1 69.1



#28
 bis(2-Chloroethoxy)methane
 Concen: 55.09 ng
 RT: 9.26 min Scan# 671
 Delta R.T. 0.01 min
 Lab File: BF087391.D
 Acq: 26 May 2016 2:29

Tgt Ion: 93 Resp: 455782
 Ion Ratio Lower Upper
 93 100
 95 35.9 26.0 39.0
 123 11.4 9.5 14.3

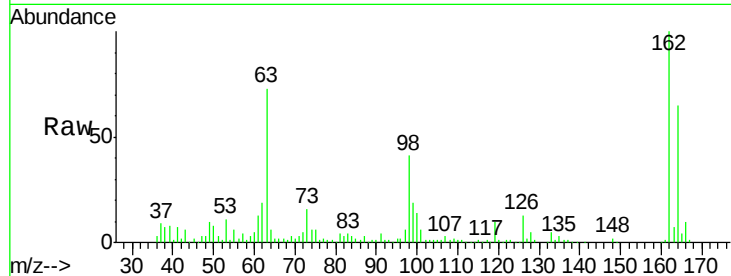




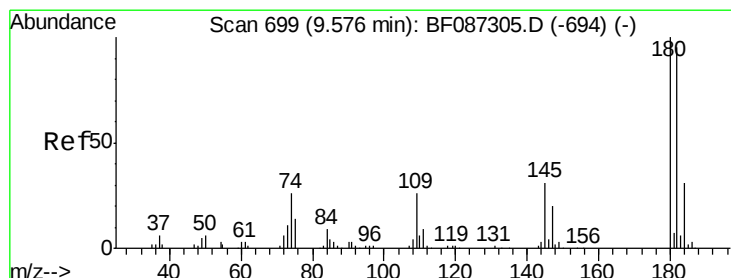
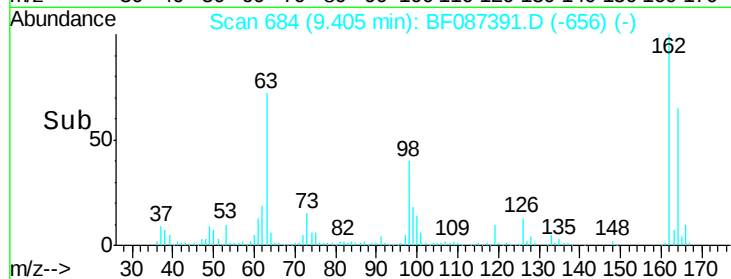
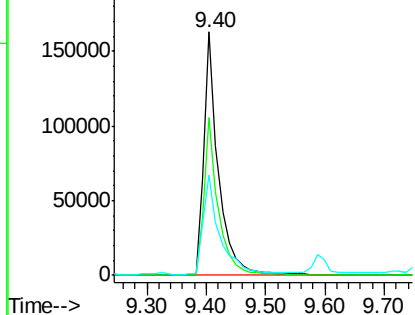
#29
 2,4-Dichlorophenol
 Concen: 51.33 ng
 RT: 9.40 min Scan# 684
 Delta R.T. 0.02 min
 Lab File: BF087391.D
 Acq: 26 May 2016 2:29

Instrument :
 BNA_F
 ClientSampleId :
 DAY-1MSD

Tgt Ion	Ratio	Lower	Upper
162	100		
164	65.0	42.2	82.2
98	41.0	19.0	59.0

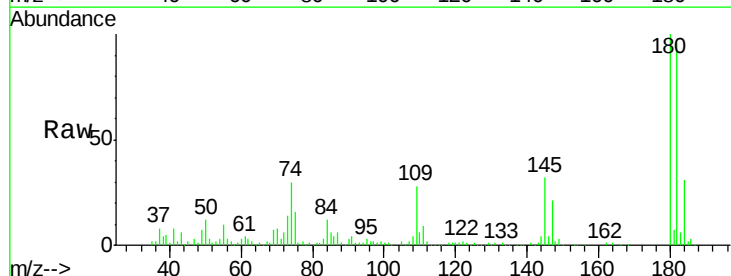


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

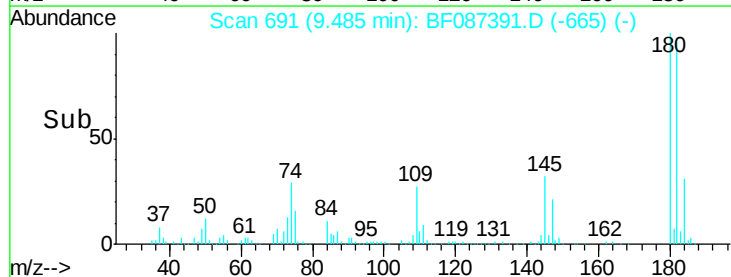
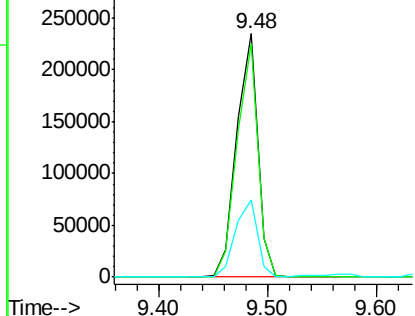


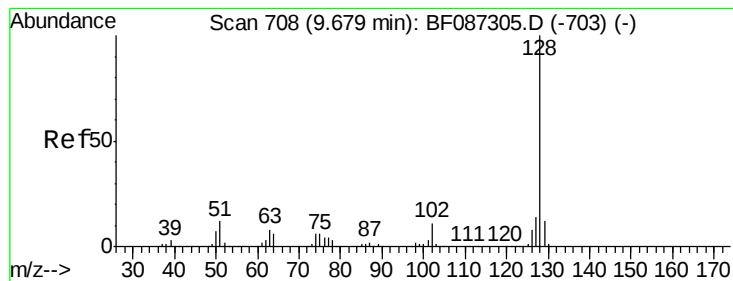
#30
 1,2,4-Trichlorobenzene
 Concen: 49.75 ng
 RT: 9.48 min Scan# 691
 Delta R.T. 0.00 min
 Lab File: BF087391.D
 Acq: 26 May 2016 2:29

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.7	78.0	117.0
145	31.9	24.2	36.2



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: 50.53 ng

RT: 9.59 min Scan# 700

Delta R.T. 0.00 min

Lab File: BF087391.D

Acq: 26 May 2016 2:29

Instrument :

BNA_F

ClientSampleId :

DAY-1MSD

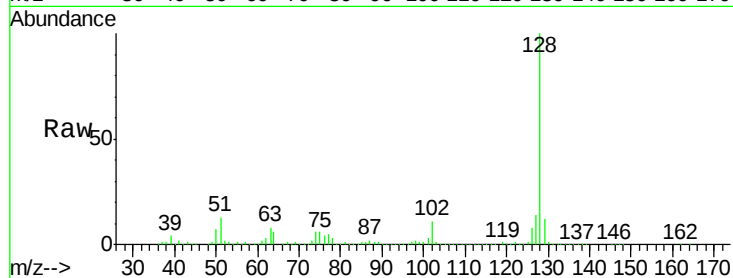
Tgt Ion:128 Resp: 1045202

Ion Ratio Lower Upper

128 100

129 11.9 8.6 13.0

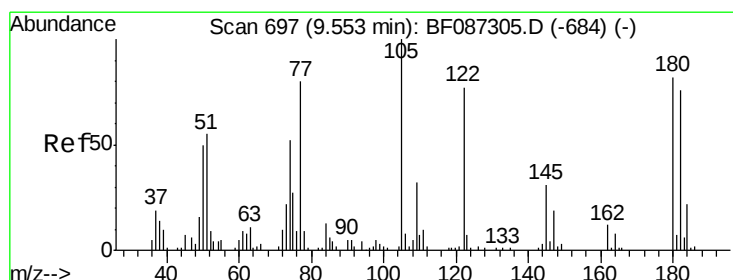
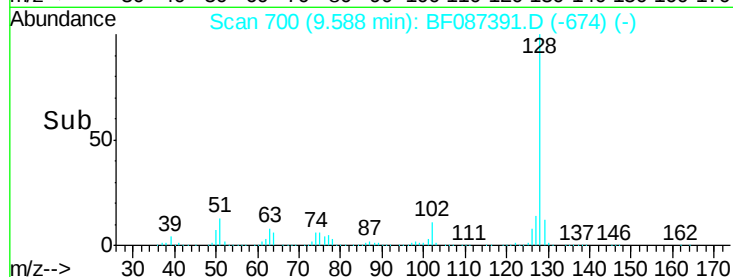
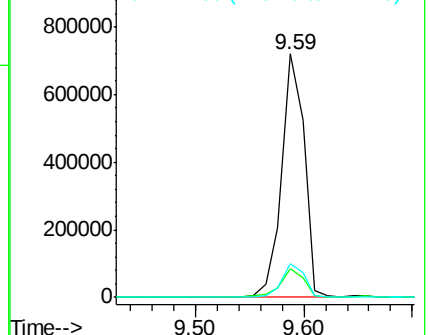
127 13.9 10.8 16.2



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: 9.50 ng

RT: 9.38 min Scan# 682

Delta R.T. -0.07 min

Lab File: BF087391.D

Acq: 26 May 2016 2:29

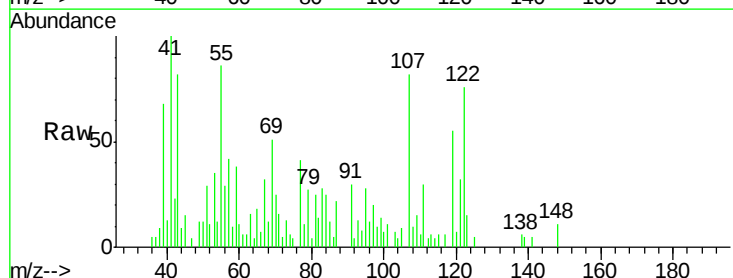
Tgt Ion:122 Resp: 13220

Ion Ratio Lower Upper

122 100

105 11.4 92.6 132.6#

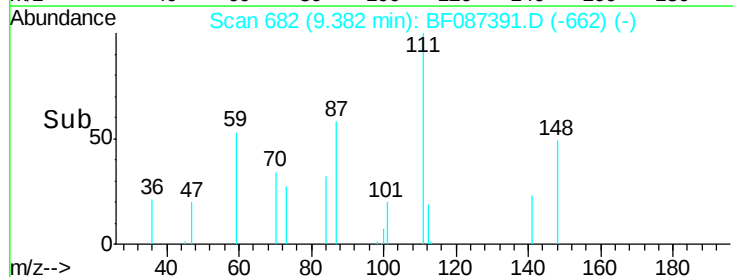
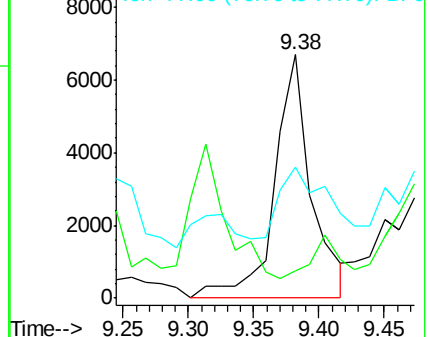
77 54.0 60.0 100.0#

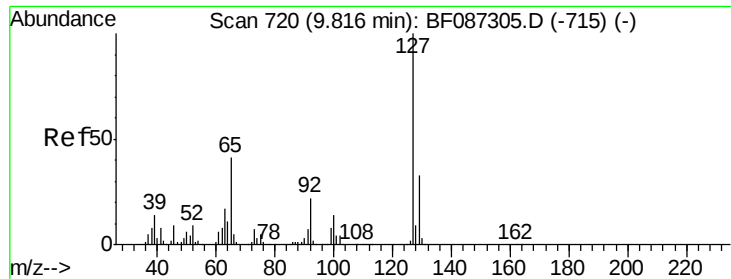


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

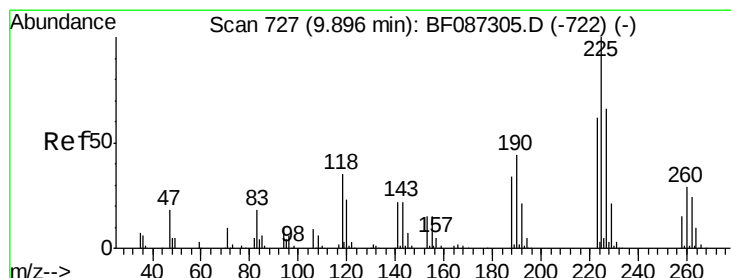
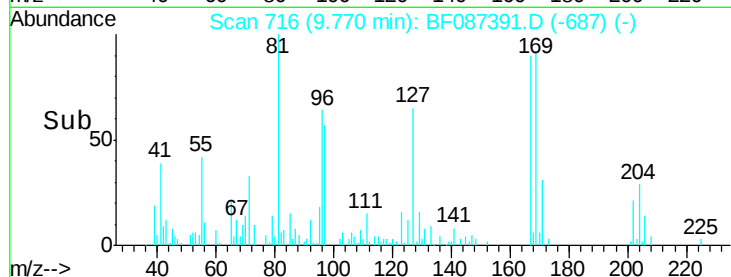
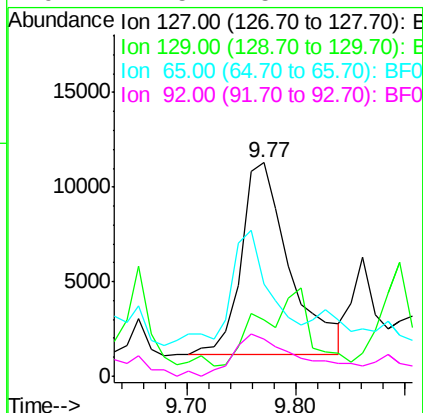
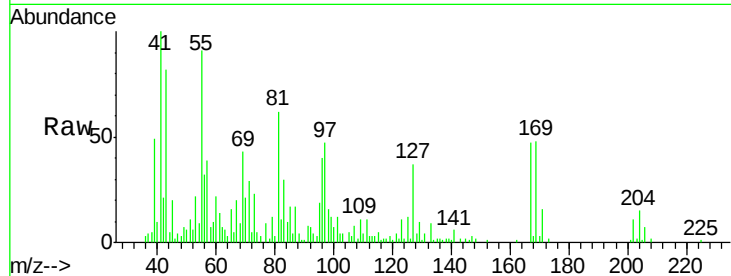




#33
 4-Chloroaniline
 Concen: 4.17 ng
 RT: 9.77 min Scan# 716
 Delta R.T. 0.03 min
 Lab File: BF087391.D
 Acq: 26 May 2016 2:29

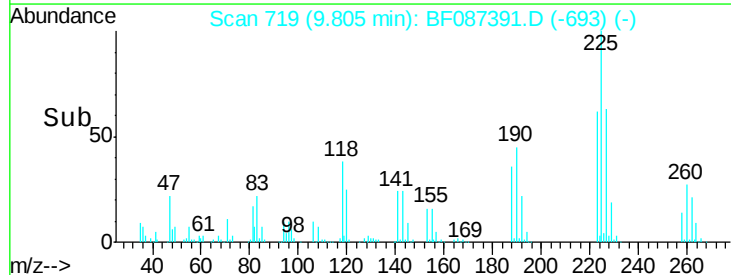
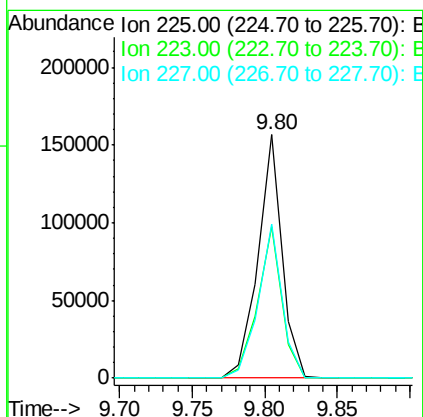
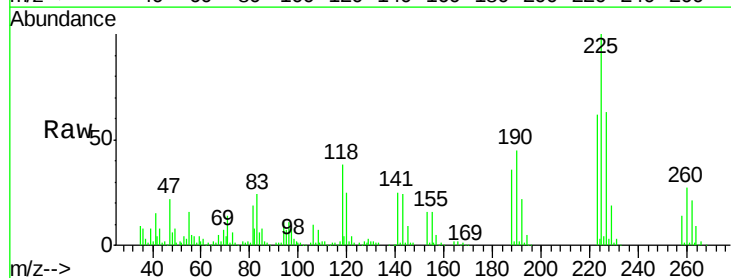
Instrument :
 BNA_F
 ClientSampleId :
 DAY-1MSD

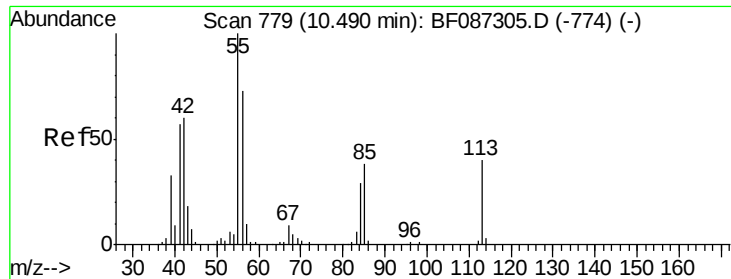
Tgt Ion:	127	Resp:	31741
Ion	Ratio	Lower	Upper
127	100		
129	26.6	26.2	39.4
65	42.9	23.0	34.4
92	17.5	15.1	22.7



#34
 Hexachlorobutadiene
 Concen: 47.09 ng
 RT: 9.80 min Scan# 719
 Delta R.T. 0.00 min
 Lab File: BF087391.D
 Acq: 26 May 2016 2:29

Tgt Ion:	225	Resp:	181173
Ion	Ratio	Lower	Upper
225	100		
223	62.4	51.5	77.3
227	63.3	52.2	78.2

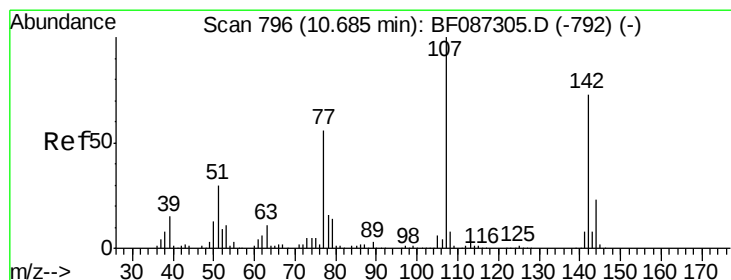
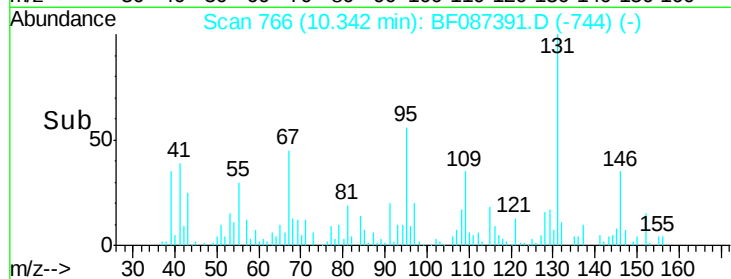
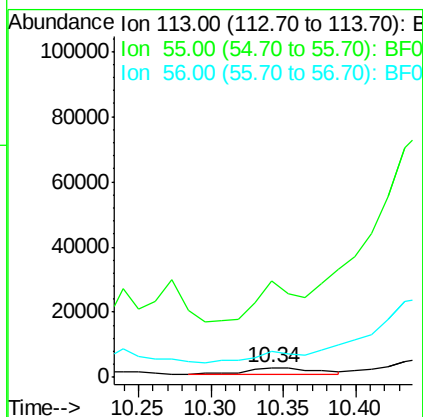
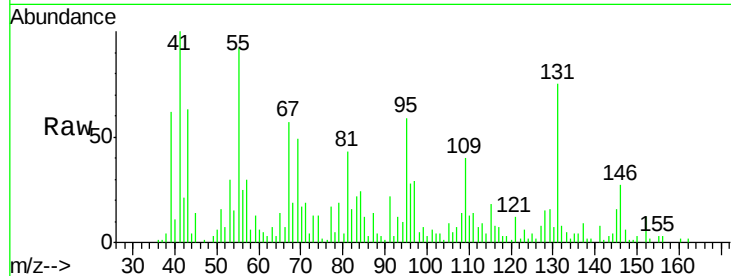




#35
 Caprolactam
 Concen: 3.95 ng
 RT: 10.34 min Scan# 766
 Delta R.T. -0.05 min
 Lab File: BF087391.D
 Acq: 26 May 2016 2:29

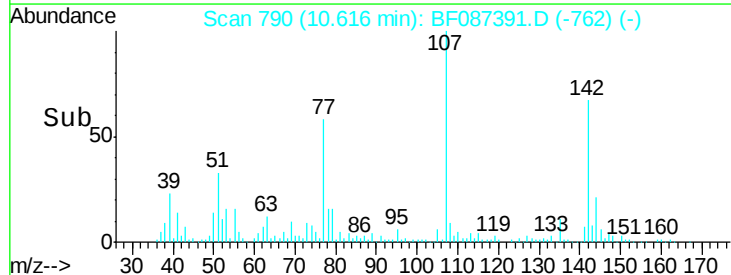
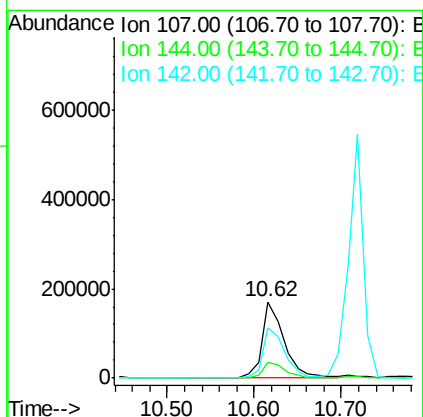
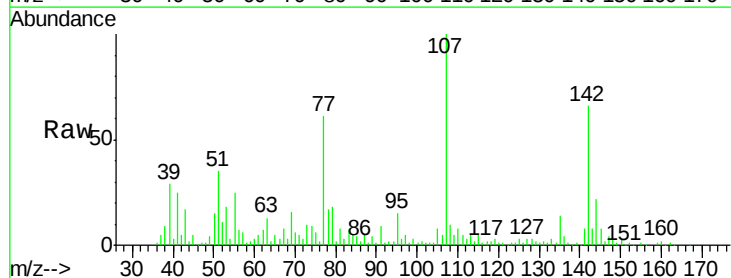
Instrument :
 BNA_F
 ClientSampleId :
 DAY-1MSD

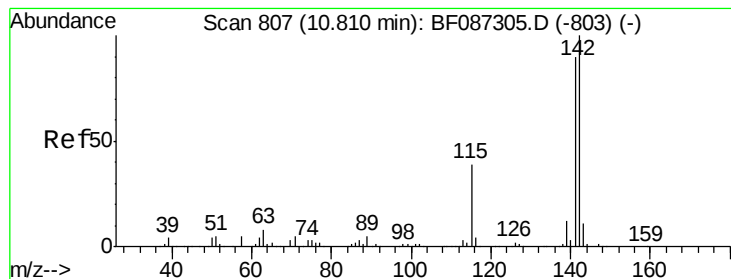
Tgt Ion:113 Resp: 6377
 Ion Ratio Lower Upper
 113 100
 55 999.1 162.0 202.0#
 56 272.4 115.3 155.3#



#36
 4-Chloro-3-methylphenol
 Concen: 47.02 ng
 RT: 10.62 min Scan# 790
 Delta R.T. 0.02 min
 Lab File: BF087391.D
 Acq: 26 May 2016 2:29

Tgt Ion:107 Resp: 293911
 Ion Ratio Lower Upper
 107 100
 144 21.6 20.7 31.1
 142 65.9 63.2 94.8





#37

2-Methylnaphthalene

Concen: 51.29 ng

RT: 10.72 min Scan# 799

Delta R.T. 0.00 min

Lab File: BF087391.D

Acq: 26 May 2016 2:29

Instrument :

BNA_F

ClientSampleId :

DAY-1MSD

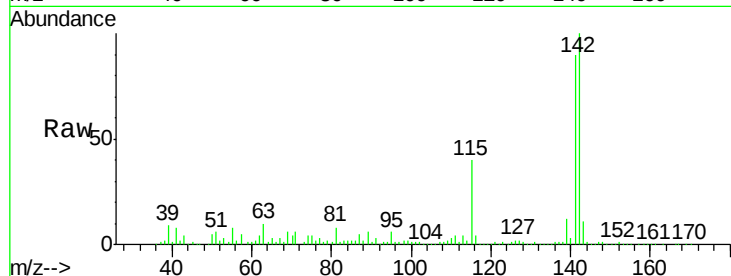
Tgt Ion:142 Resp: 662725

Ion Ratio Lower Upper

142 100

141 90.2 71.0 106.6

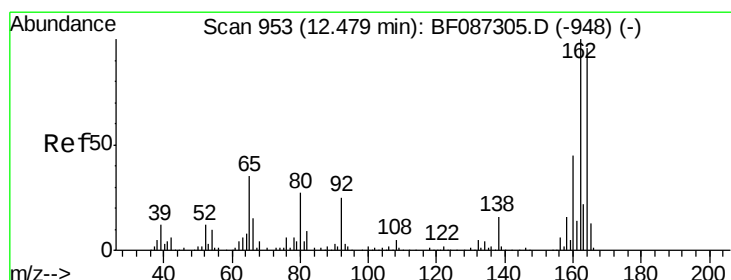
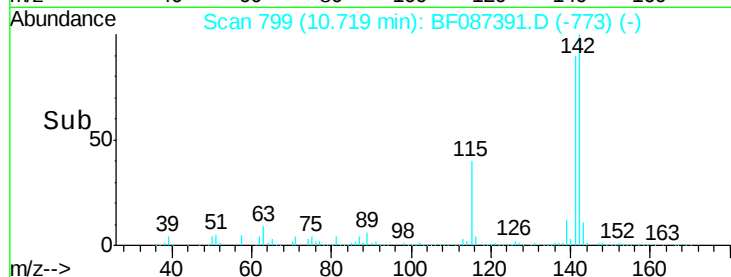
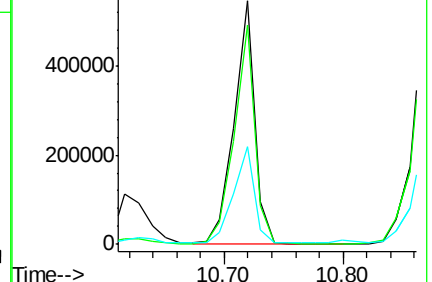
115 40.4 26.6 39.8#



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 12.39 min Scan# 945

Delta R.T. 0.00 min

Lab File: BF087391.D

Acq: 26 May 2016 2:29

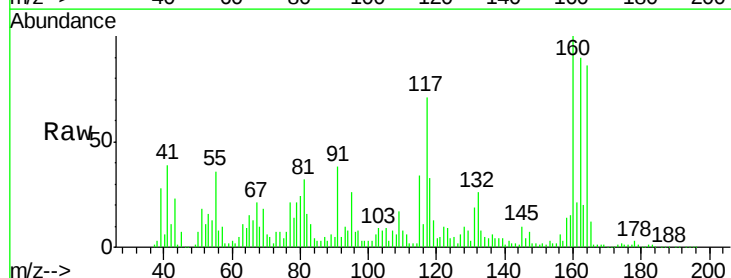
Tgt Ion:164 Resp: 189058

Ion Ratio Lower Upper

164 100

162 104.2 82.8 124.2

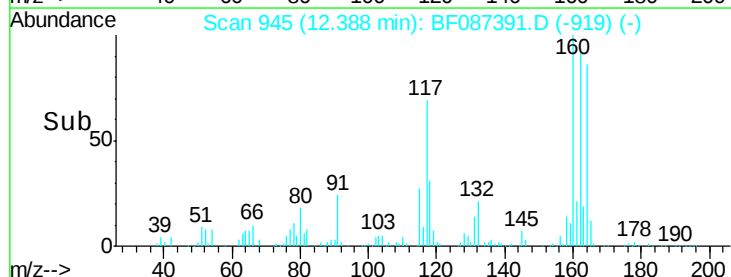
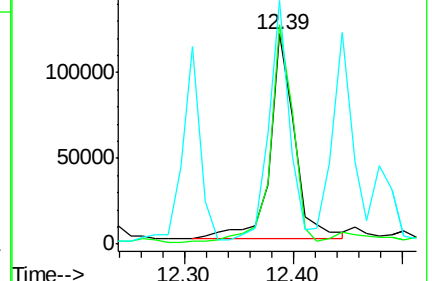
160 115.9 36.9 55.3#



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

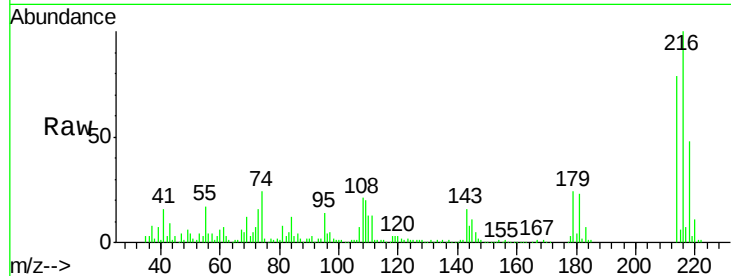




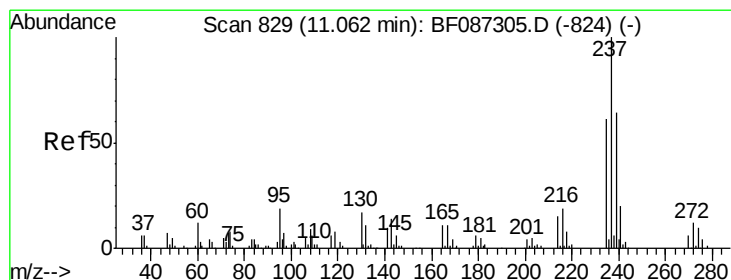
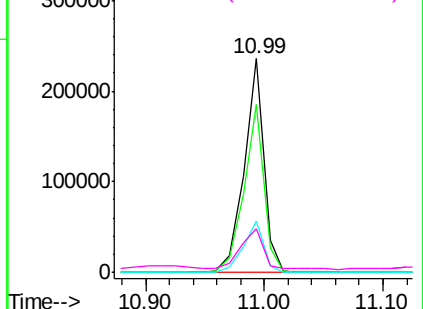
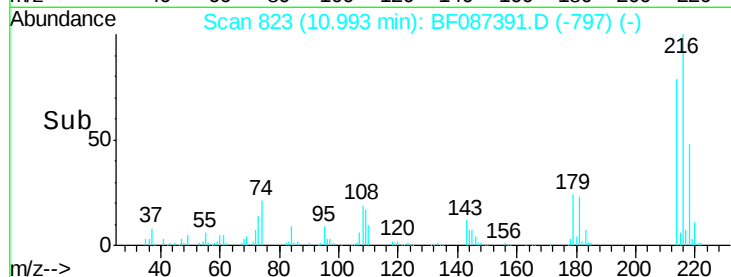
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 45.43 ng
 RT: 10.99 min Scan# 823
 Delta R.T. 0.00 min
 Lab File: BF087391.D
 Acq: 26 May 2016 2:29

Instrument :
 BNA_F
 ClientSampleId :
 DAY-1MSD

Tgt Ion: 216 Resp: 274961
 Ion Ratio Lower Upper
 216 100
 214 79.2 62.6 93.8
 179 24.6 18.2 27.4
 108 22.0 17.5 26.3

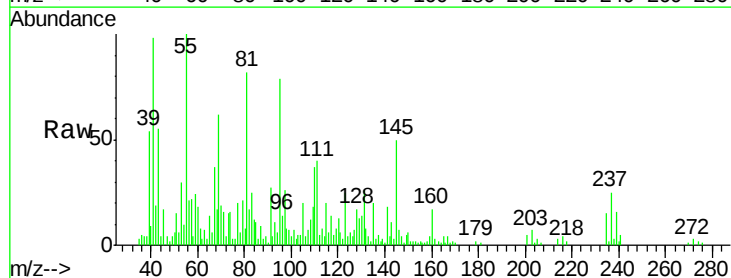


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

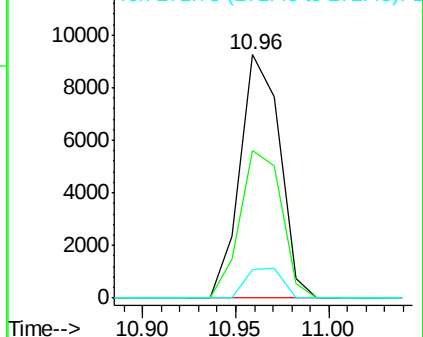
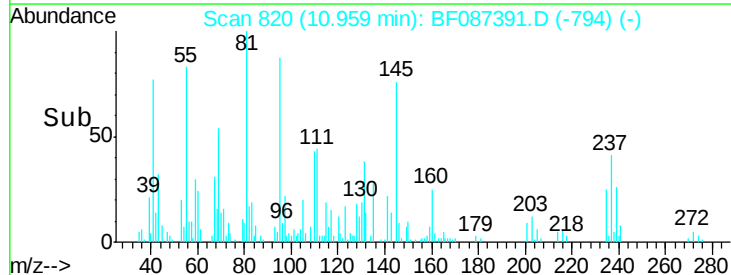


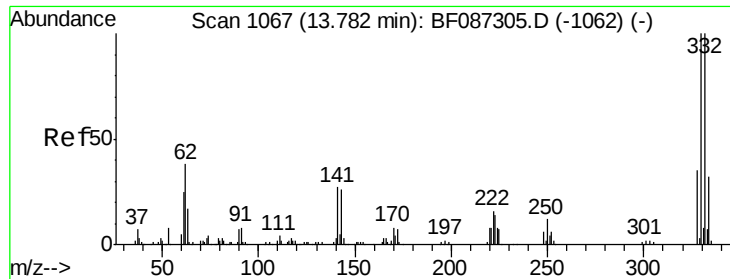
#40
 Hexachlorocyclopentadiene
 Concen: 14.32 ng
 RT: 10.96 min Scan# 820
 Delta R.T. 0.00 min
 Lab File: BF087391.D
 Acq: 26 May 2016 2:29

Tgt Ion: 237 Resp: 13731
 Ion Ratio Lower Upper
 237 100
 235 60.6 47.2 87.2
 272 11.6 0.0 31.1



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

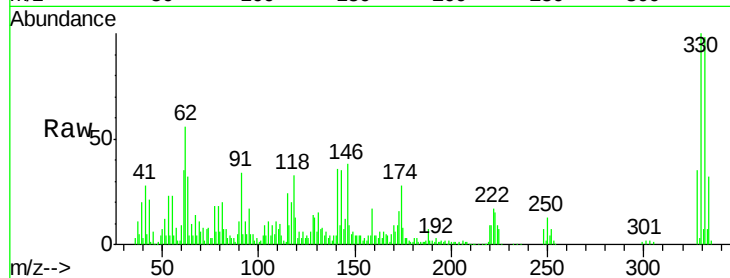




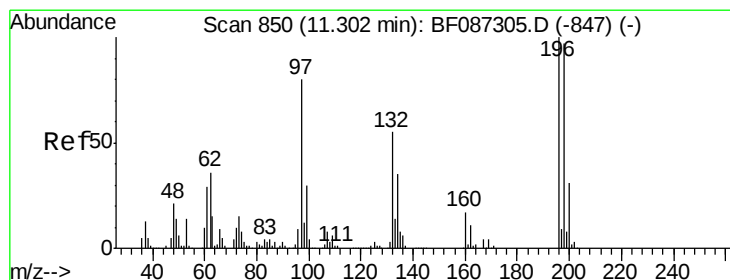
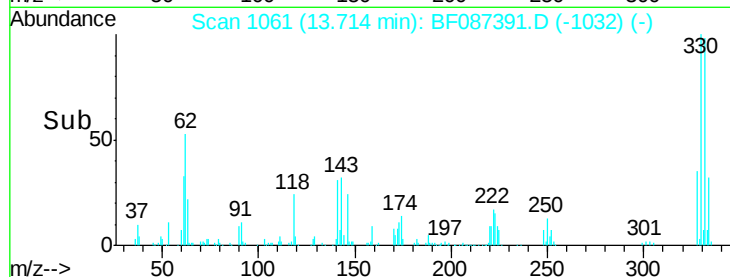
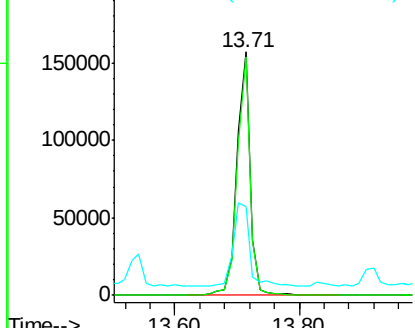
#41
 2,4,6-Tribromophenol
 Concen: 128.82 ng
 RT: 13.71 min Scan# 1061
 Delta R.T. 0.03 min
 Lab File: BF087391.D
 Acq: 26 May 2016 2:29

Instrument :
 BNA_F
 ClientSampleId :
 DAY-1MSD

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.3	79.0	118.4
141	42.7	31.2	46.8

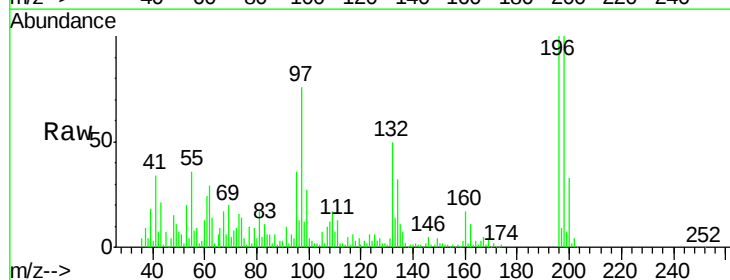


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

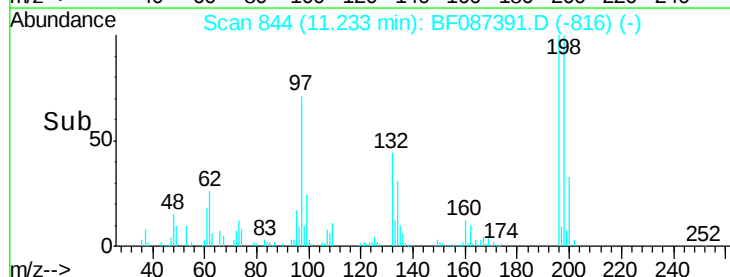
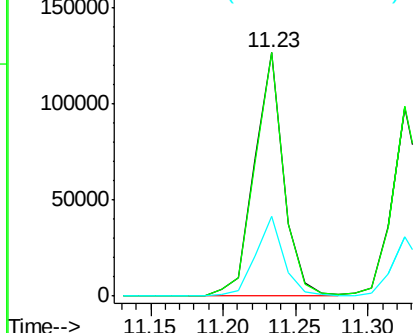


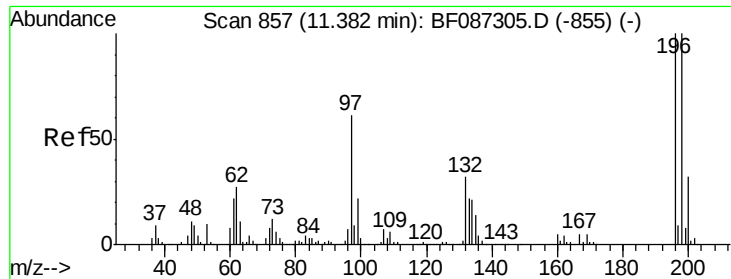
#42
 2,4,6-Trichlorophenol
 Concen: 50.64 ng
 RT: 11.23 min Scan# 844
 Delta R.T. 0.02 min
 Lab File: BF087391.D
 Acq: 26 May 2016 2:29

Tgt Ion	Ratio	Lower	Upper
196	100		
198	100.0	74.7	112.1
200	32.9	23.8	35.6



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

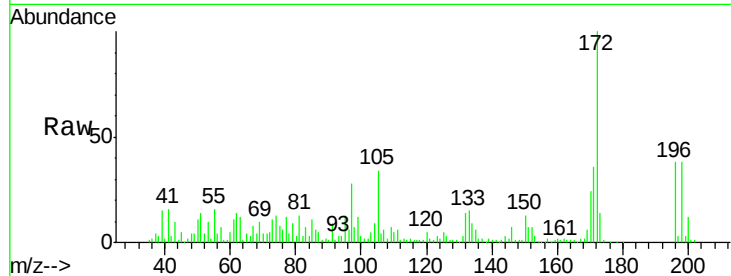




#43
 2,4,5-Trichlorophenol
 Concen: 45.94 ng
 RT: 11.32 min Scan# 852
 Delta R.T. 0.03 min
 Lab File: BF087391.D
 Acq: 26 May 2016 2:29

Instrument :
 BNA_F
 ClientSampleId :
 DAY-1MSD

Tgt Ion	Ratio	Lower	Upper
196	100		
198	101.0	77.5	116.3
97	75.0	34.8	52.2
132	37.6	23.0	34.4



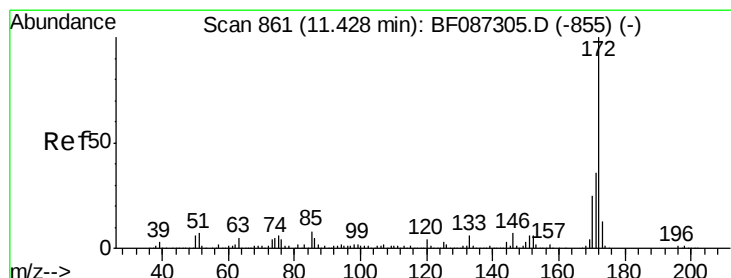
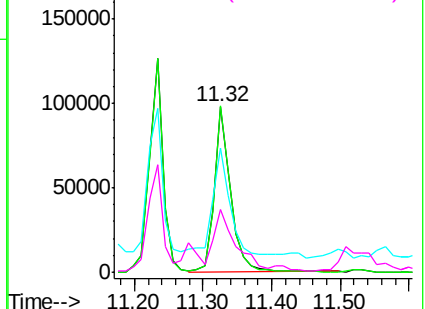
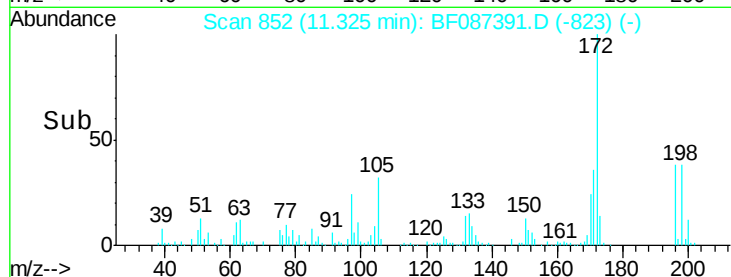
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

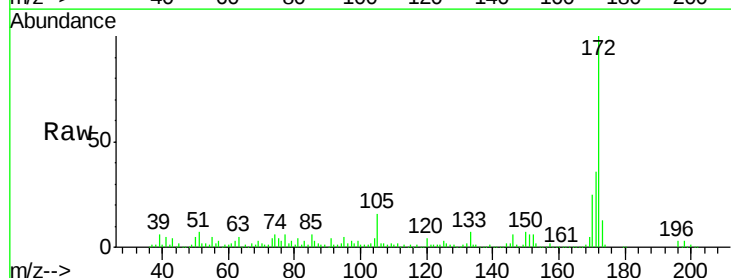
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 95.54 ng
 RT: 11.35 min Scan# 854
 Delta R.T. 0.01 min
 Lab File: BF087391.D
 Acq: 26 May 2016 2:29

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.0	43.6
170	24.8	19.8	29.8

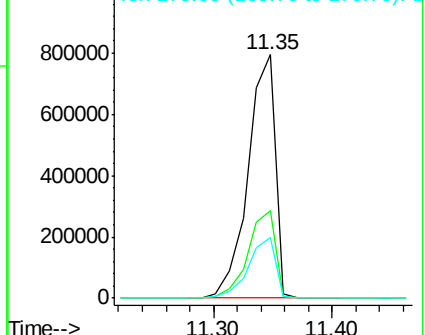
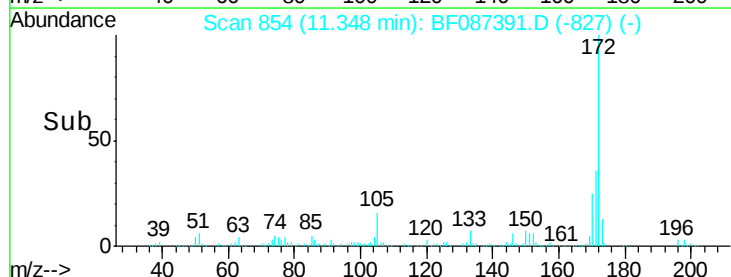


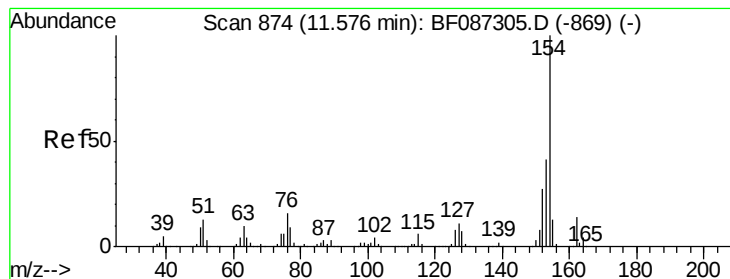
Abundance

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: 48.87 ng

RT: 11.50 min Scan# 867

Delta R.T. 0.01 min

Lab File: BF087391.D

Acq: 26 May 2016 2:29

Instrument :

BNA_F

ClientSampleId :

DAY-1MSD

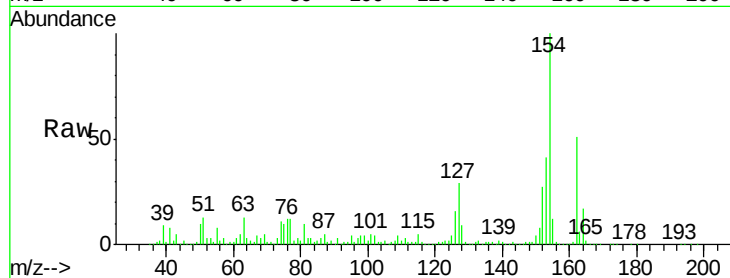
Tgt Ion:154 Resp: 777841

Ion Ratio Lower Upper

154 100

153 41.1 20.3 60.3

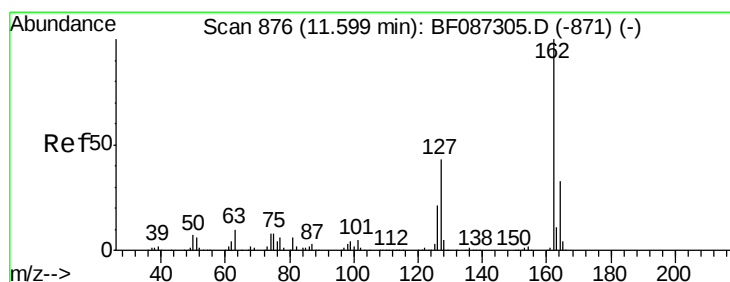
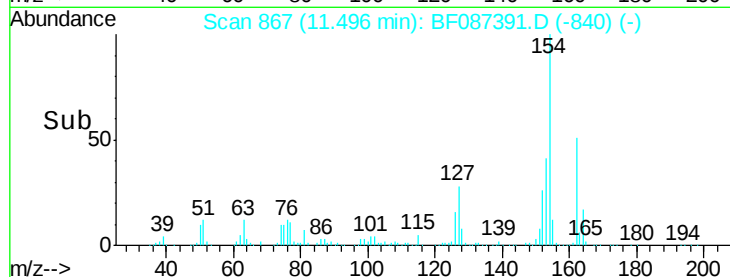
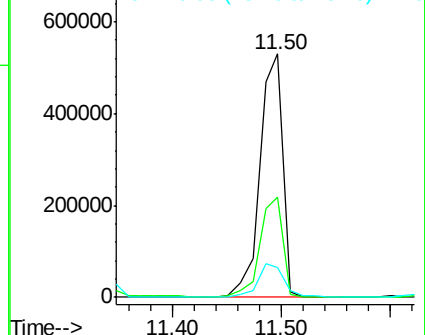
76 12.2 0.0 30.2



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 46.73 ng

RT: 11.51 min Scan# 868

Delta R.T. 0.01 min

Lab File: BF087391.D

Acq: 26 May 2016 2:29

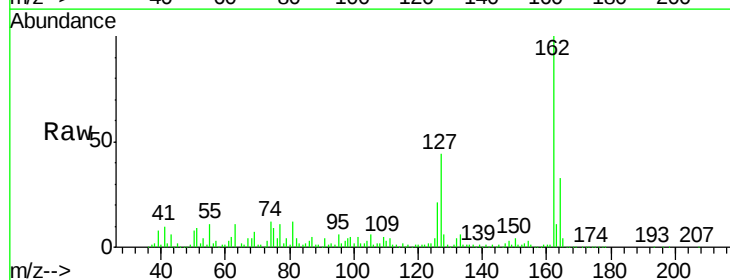
Tgt Ion:162 Resp: 569083

Ion Ratio Lower Upper

162 100

127 43.7 31.8 47.6

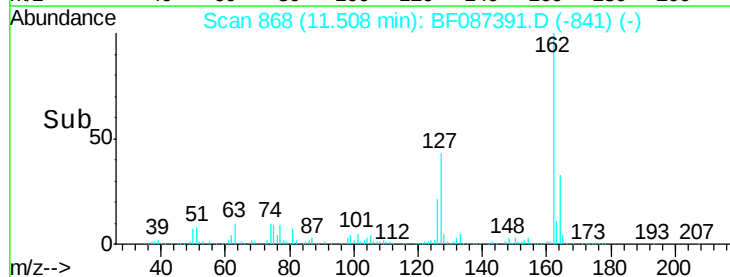
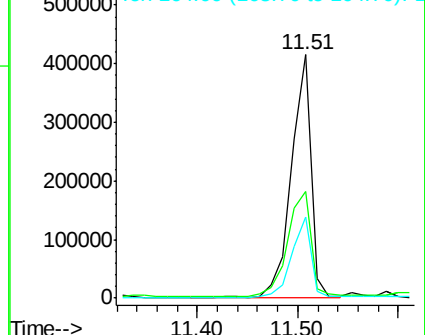
164 33.4 27.0 40.6

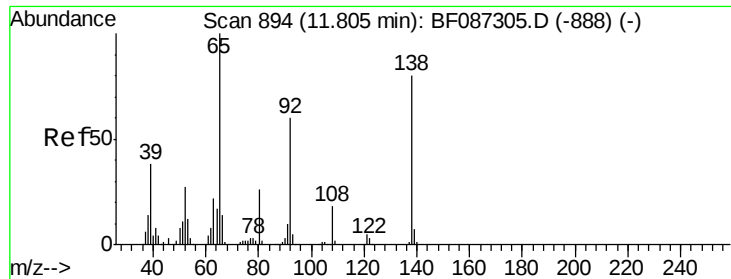


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 61.69 ng

RT: 11.74 min Scan# 888

Delta R.T. 0.02 min

Lab File: BF087391.D

Acq: 26 May 2016 2:29

Instrument :

BNA_F

ClientSampleId :

DAY-1MSD

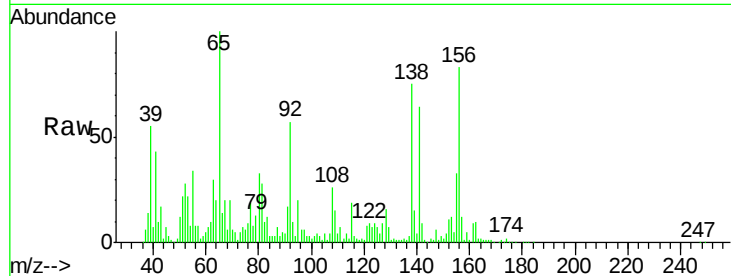
Tgt Ion: 65 Resp: 270690

Ion Ratio Lower Upper

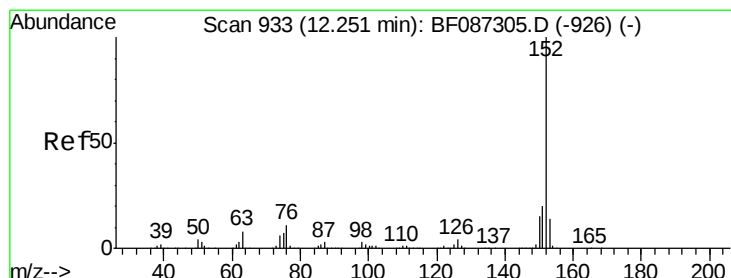
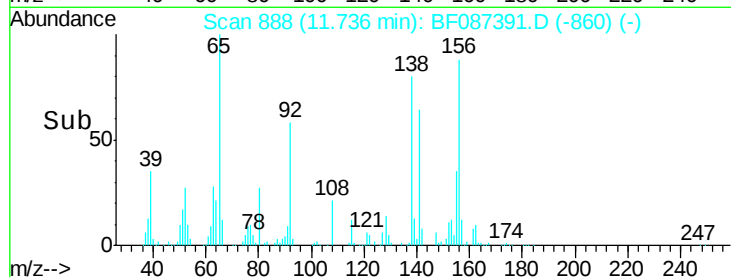
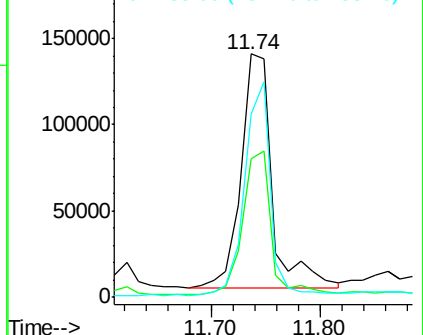
65 100

92 56.8 57.4 86.2#

138 75.4 90.1 135.1#



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



#48

Acenaphthylene

Concen: 42.84 ng

RT: 12.16 min Scan# 925

Delta R.T. 0.00 min

Lab File: BF087391.D

Acq: 26 May 2016 2:29

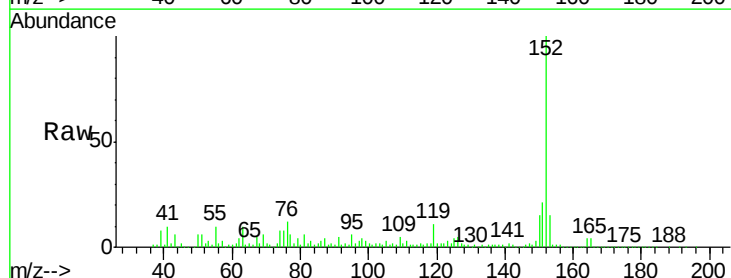
Tgt Ion: 152 Resp: 826010

Ion Ratio Lower Upper

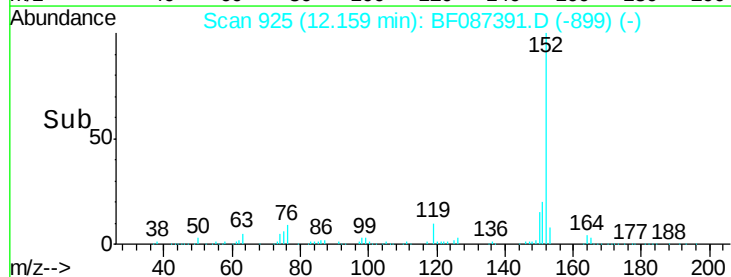
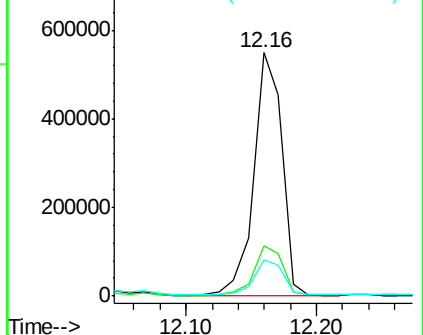
152 100

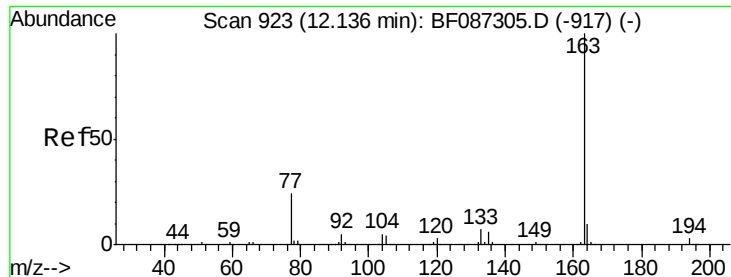
151 20.8 16.8 25.2

153 14.9 10.9 16.3



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

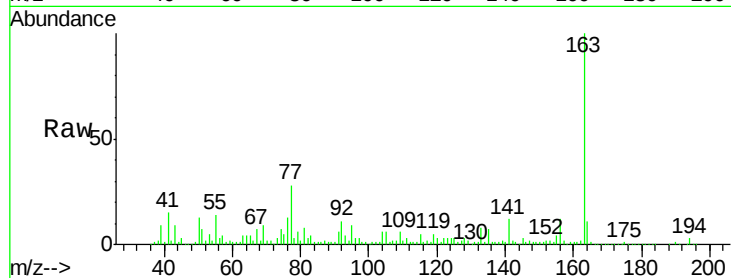




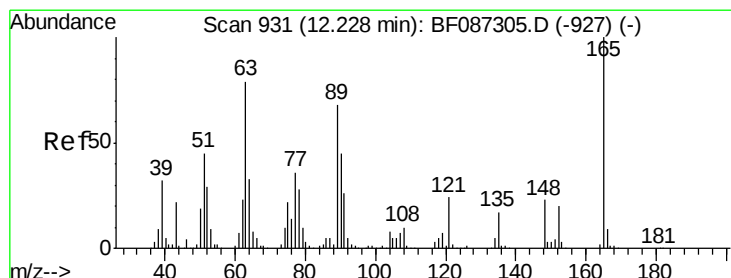
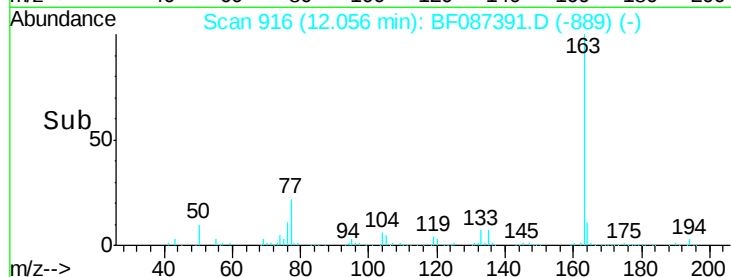
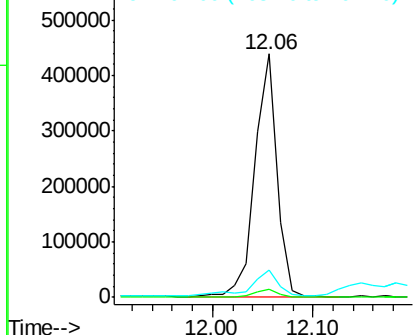
#49
Dimethylphthalate
Concen: 43.95 ng
RT: 12.06 min Scan# 916
Delta R.T. 0.01 min
Lab File: BF087391.D
Acq: 26 May 2016 2:29

Instrument :
BNA_F
ClientSampleId :
DAY-1MSD

Tgt Ion:163 Resp: 665540
Ion Ratio Lower Upper
163 100
194 3.3 2.6 4.0
164 11.2 8.2 12.4

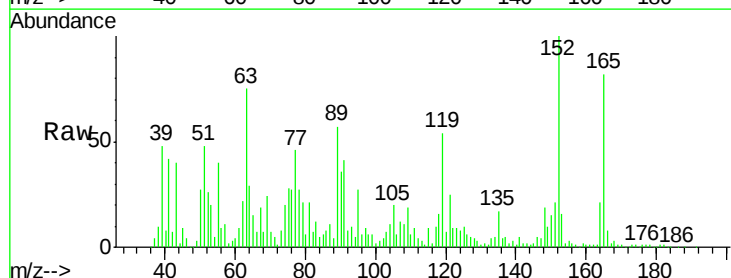


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

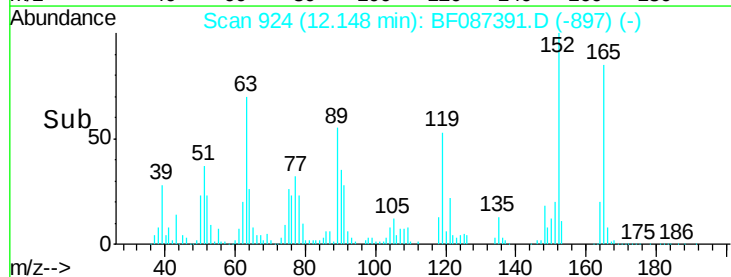
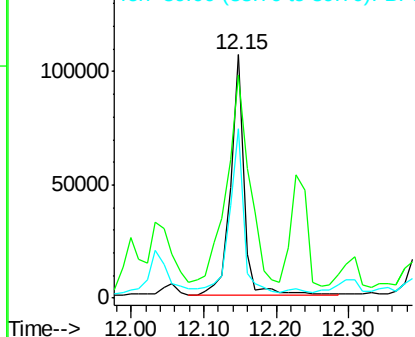


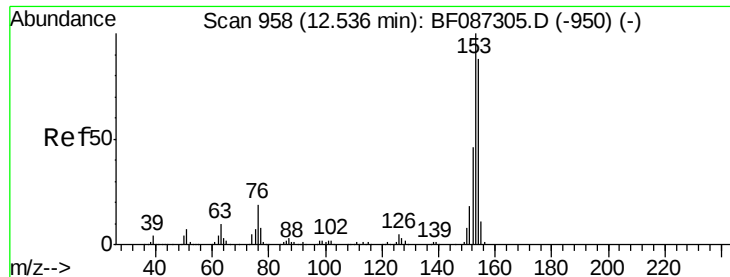
#50
2,6-Dinitrotoluene
Concen: 45.59 ng
RT: 12.15 min Scan# 924
Delta R.T. 0.01 min
Lab File: BF087391.D
Acq: 26 May 2016 2:29

Tgt Ion:165 Resp: 139117
Ion Ratio Lower Upper
165 100
63 91.8 51.8 77.8#
89 69.5 50.7 76.1



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: 44.71 ng

RT: 12.44 min Scan# 950

Delta R.T. 0.01 min

Lab File: BF087391.D

Acq: 26 May 2016 2:29

Instrument :

BNA_F

ClientSampleId :

DAY-1MSD

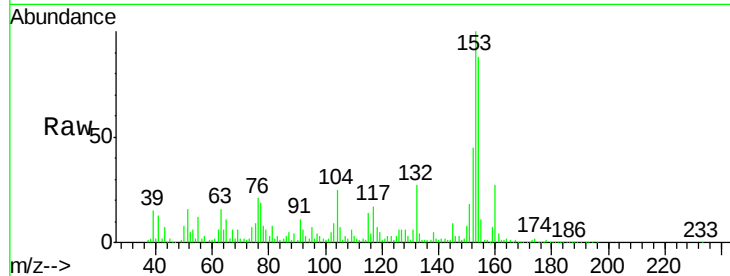
Tgt Ion:154 Resp: 529857

Ion Ratio Lower Upper

154 100

153 114.2 89.8 134.6

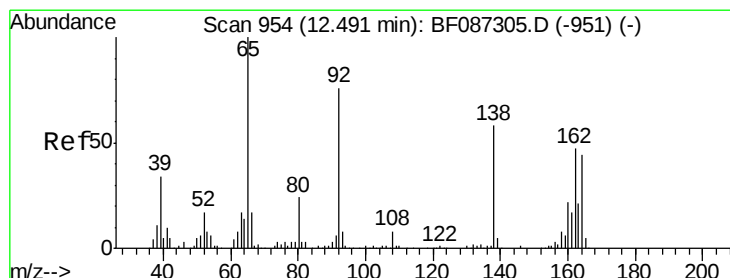
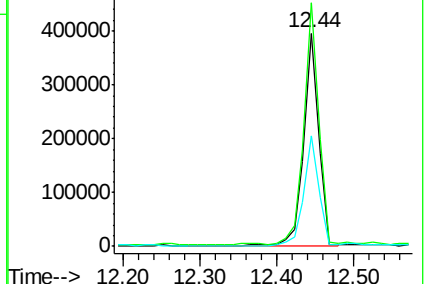
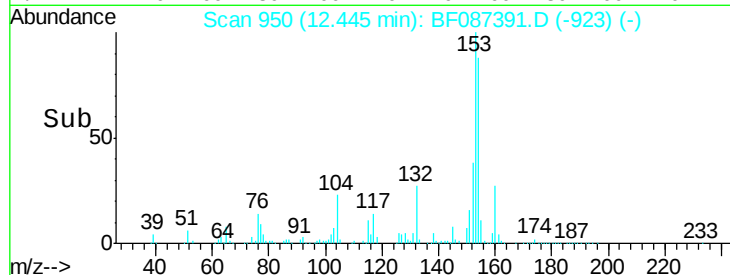
152 51.8 43.4 65.0



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 2.77 ng

RT: 12.36 min Scan# 943

Delta R.T. -0.03 min

Lab File: BF087391.D

Acq: 26 May 2016 2:29

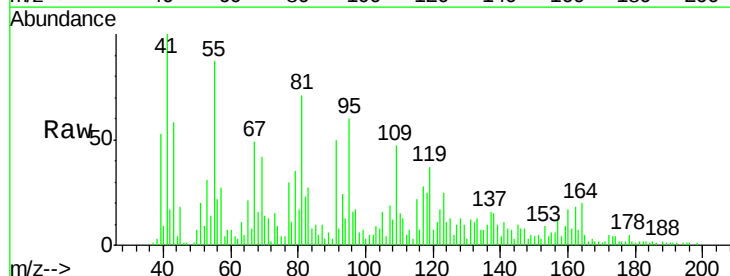
Tgt Ion:138 Resp: 8680

Ion Ratio Lower Upper

138 100

108 81.0 7.8 11.6#

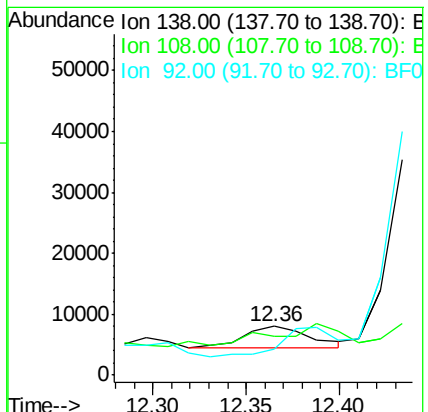
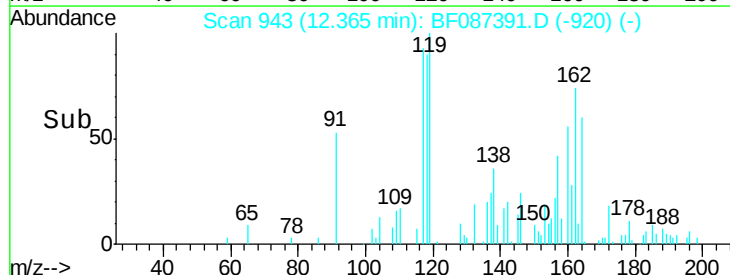
92 53.1 87.8 131.8#

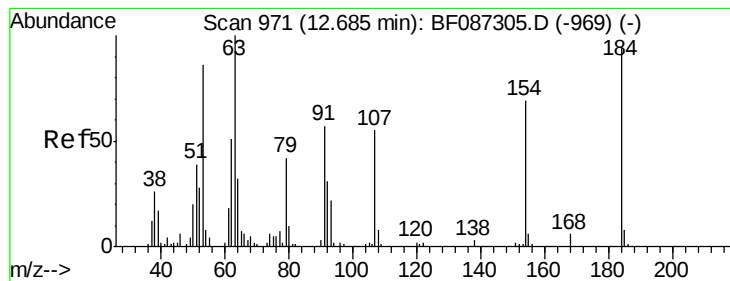


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0





#53

2,4-Dinitrophenol

Concen: 23.98 ng

RT: 12.63 min Scan# 966

Delta R.T. 0.03 min

Lab File: BF087391.D

Acq: 26 May 2016 2:29

Instrument :

BNA_F

ClientSampleId :

DAY-1MSD

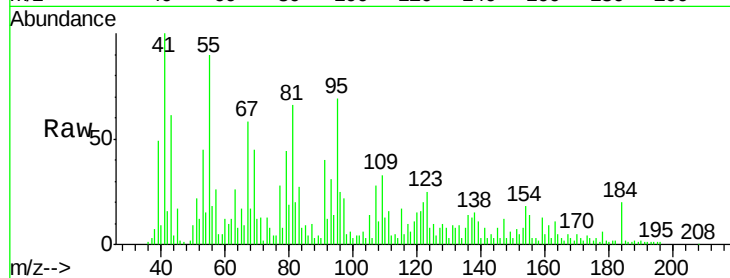
Tgt Ion:184 Resp: 29660

Ion Ratio Lower Upper

184 100

63 129.5 55.8 83.8#

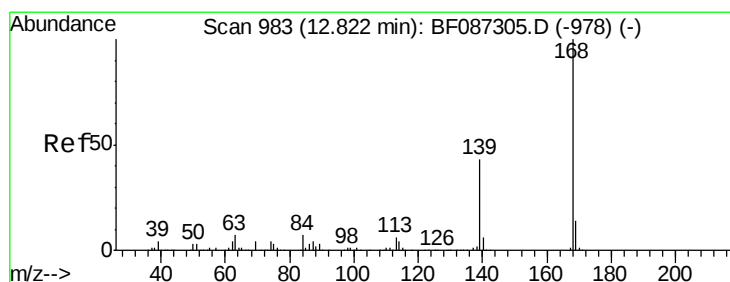
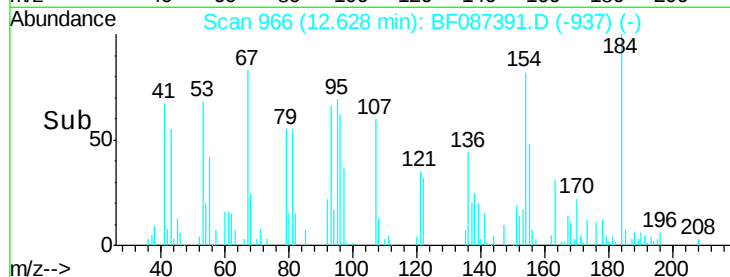
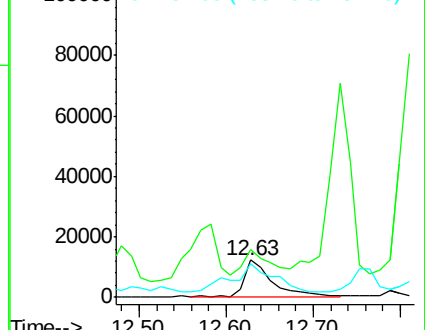
154 90.3 62.4 93.6



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 154.00 (153.70 to 154.70): E



#54

Dibenzofuran

Concen: 48.71 ng

RT: 12.74 min Scan# 976

Delta R.T. 0.02 min

Lab File: BF087391.D

Acq: 26 May 2016 2:29

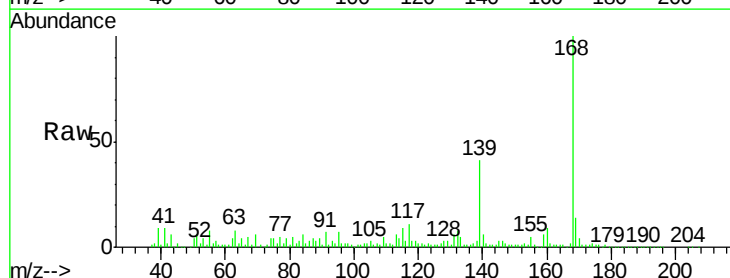
Tgt Ion:168 Resp: 781529

Ion Ratio Lower Upper

168 100

139 41.0 31.4 47.0

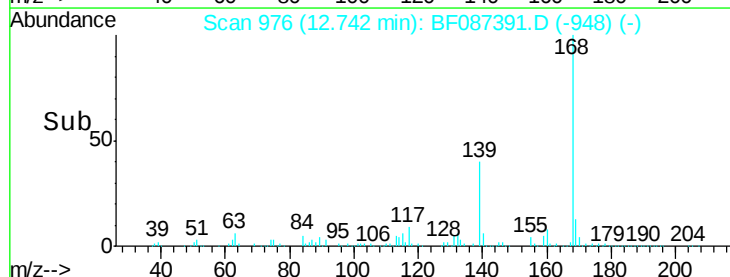
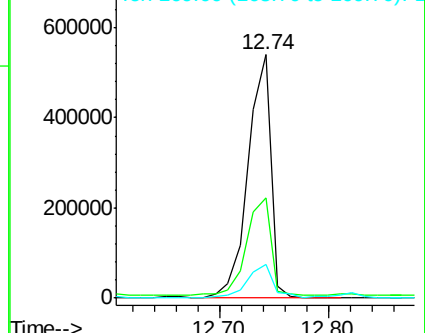
169 13.6 10.7 16.1

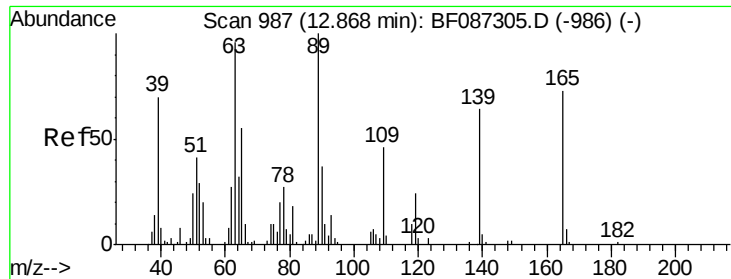


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

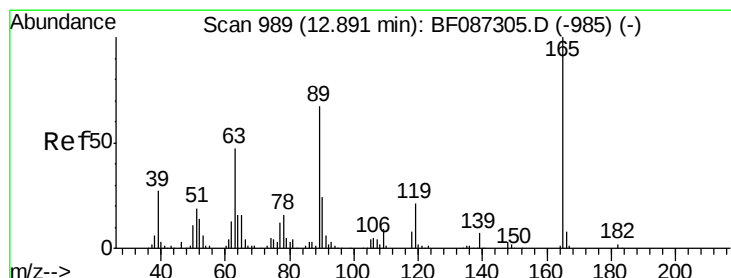
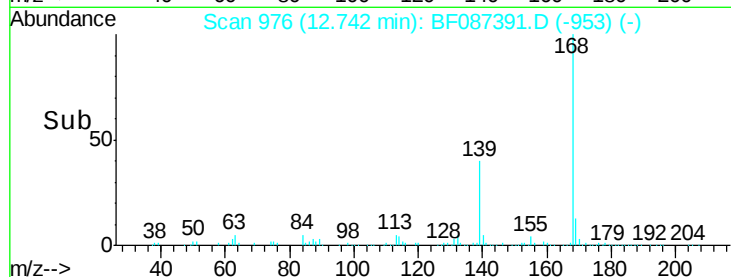
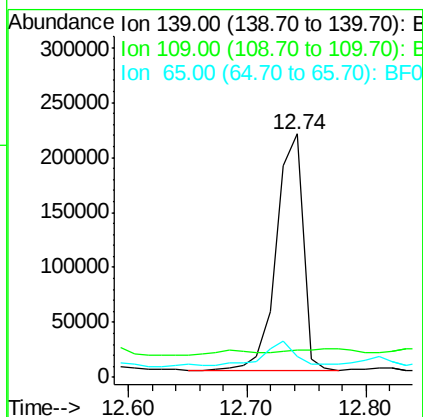
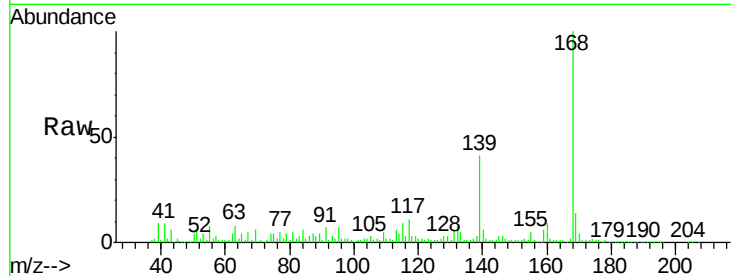




#55
4-Nitrophenol
Concen: 227.24 ng
RT: 12.74 min Scan# 976
Delta R.T. -0.03 min
Lab File: BF087391.D
Acq: 26 May 2016 2:29

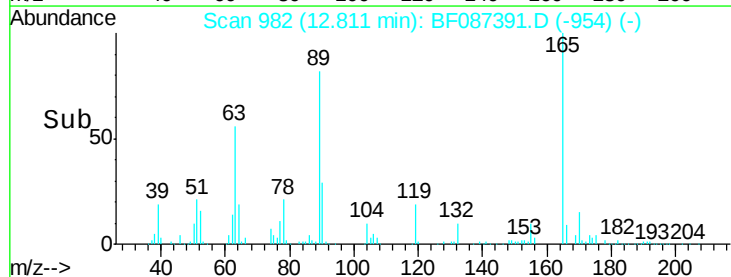
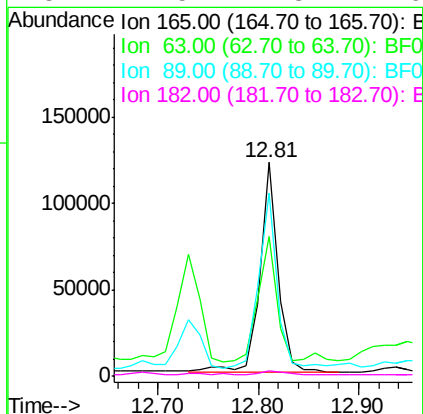
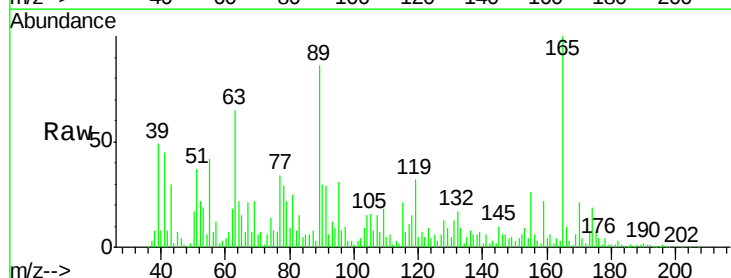
Instrument :
BNA_F
ClientSampleId :
DAY-1MSD

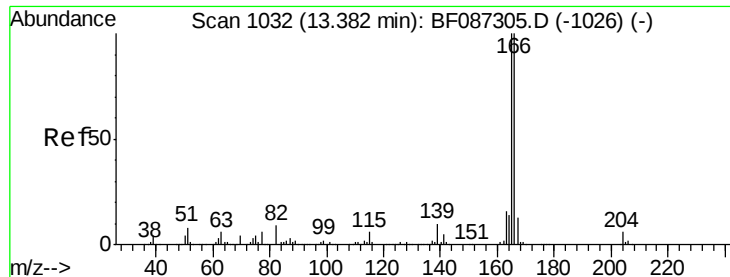
Tgt Ion:139 Resp: 339493
Ion Ratio Lower Upper
139 100
109 11.2 36.9 76.9#
65 8.5 64.0 104.0#



#56
2,4-Dinitrotoluene
Concen: 37.52 ng
RT: 12.81 min Scan# 982
Delta R.T. 0.02 min
Lab File: BF087391.D
Acq: 26 May 2016 2:29

Tgt Ion:165 Resp: 153016
Ion Ratio Lower Upper
165 100
63 65.1 44.3 66.5
89 85.6 70.0 105.0
182 2.5 1.8 2.6





#57

Fluorene

Concen: 45.96 ng

RT: 13.29 min Scan# 1024

Delta R.T. 0.01 min

Lab File: BF087391.D

Acq: 26 May 2016 2:29

Instrument :

BNA_F

ClientSampleId :

DAY-1MSD

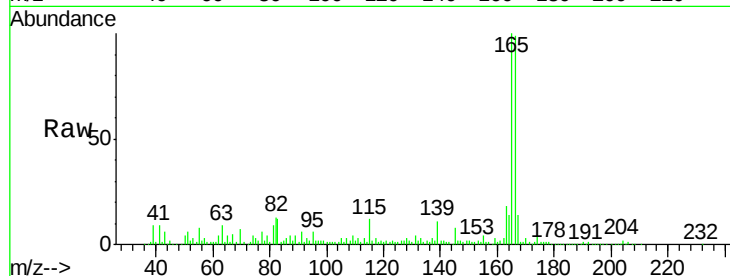
Tgt Ion:166 Resp: 639405

Ion Ratio Lower Upper

166 100

165 101.2 79.0 118.6

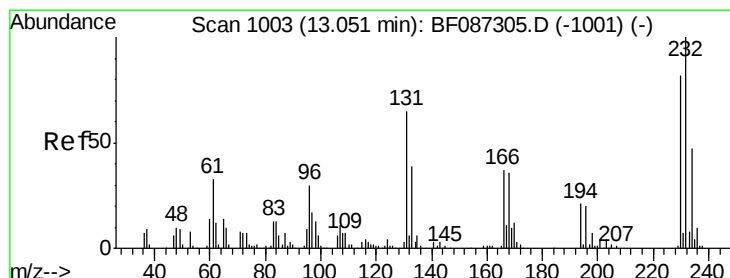
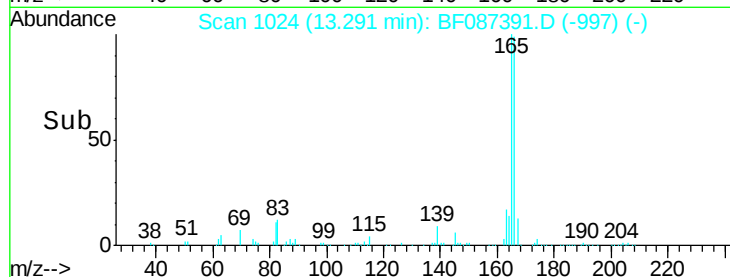
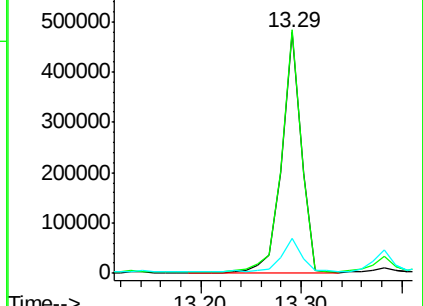
167 14.3 10.6 15.8



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 48.25 ng

RT: 12.93 min Scan# 992

Delta R.T. -0.03 min

Lab File: BF087391.D

Acq: 26 May 2016 2:29

Tgt Ion:232 Resp: 132037

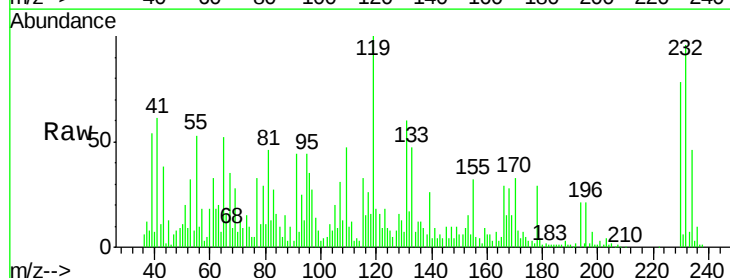
Ion Ratio Lower Upper

232 100

131 73.1 41.9 62.9#

130 0.0 2.2 3.4#

166 27.5 26.8 40.2

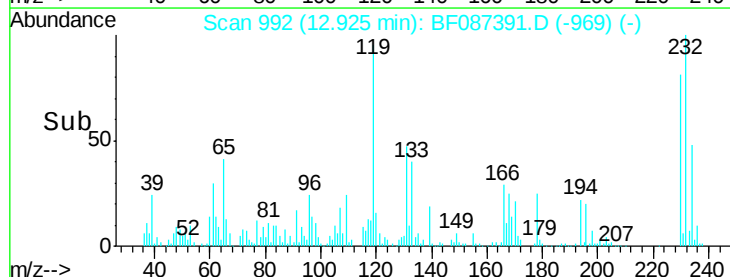
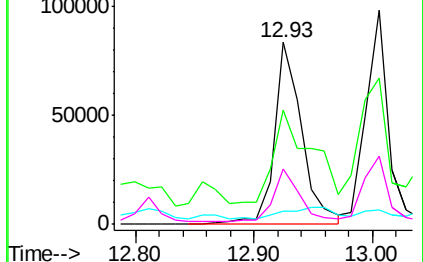


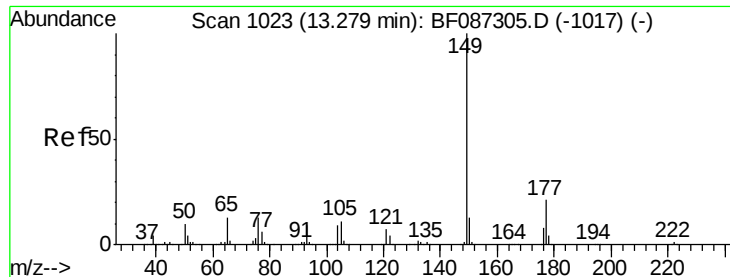
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

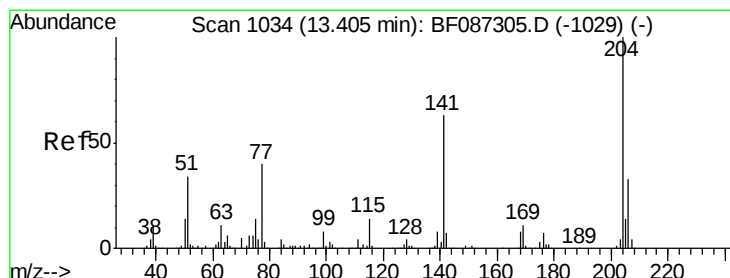
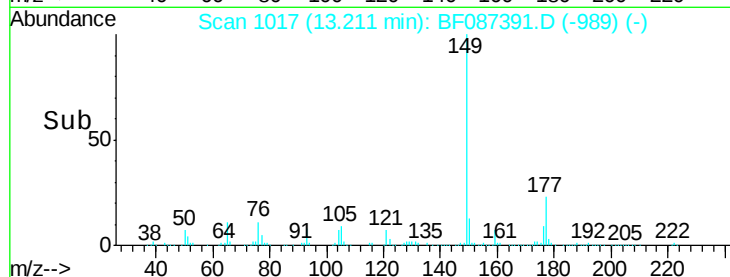
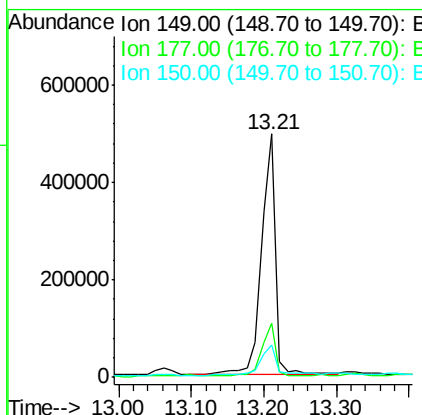
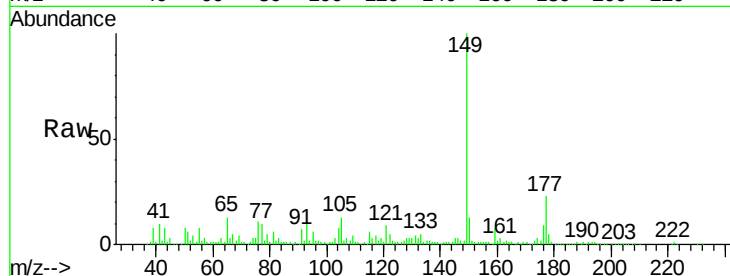




#59
Diethylphthalate
Concen: 46.05 ng
RT: 13.21 min Scan# 1017
Delta R.T. 0.02 min
Lab File: BF087391.D
Acq: 26 May 2016 2:29

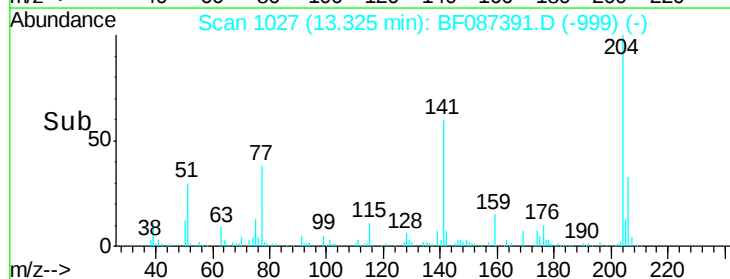
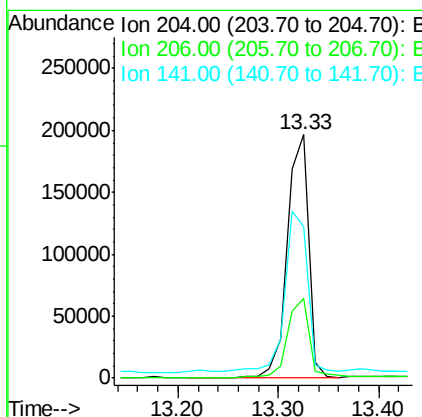
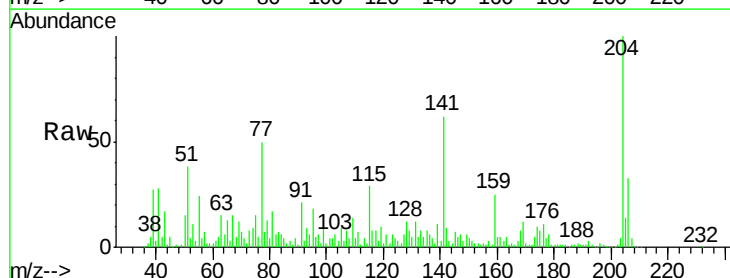
Instrument :
BNA_F
ClientSampleId :
DAY-1MSD

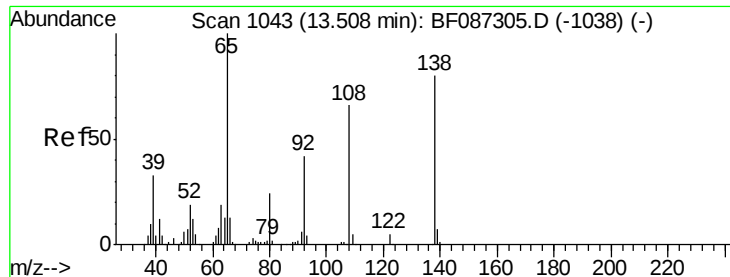
Tgt Ion:149 Resp: 678002
Ion Ratio Lower Upper
149 100
177 22.5 16.6 24.8
150 13.3 10.0 15.0



#60
4-Chlorophenyl-phenylether
Concen: 42.14 ng
RT: 13.33 min Scan# 1027
Delta R.T. 0.02 min
Lab File: BF087391.D
Acq: 26 May 2016 2:29

Tgt Ion:204 Resp: 285888
Ion Ratio Lower Upper
204 100
206 33.0 25.4 38.0
141 62.2 61.6 92.4

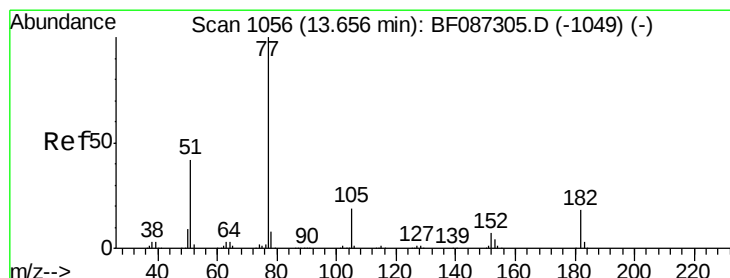
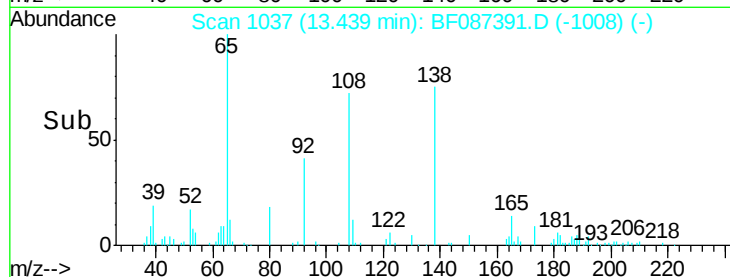
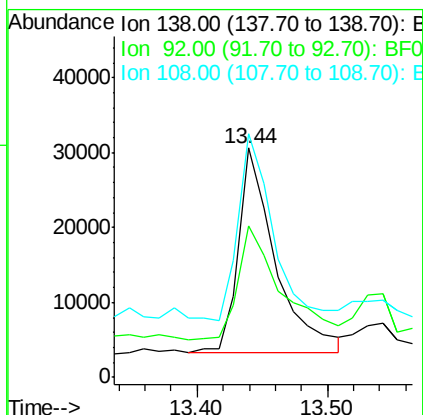
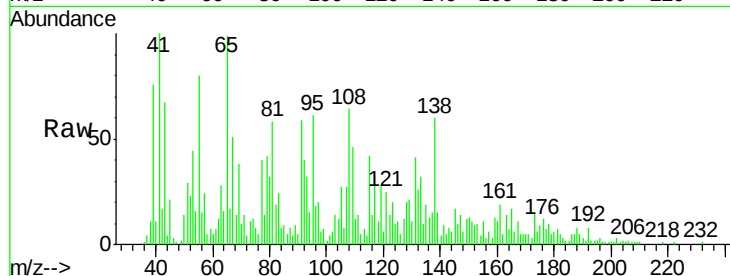




#61
4-Nitroaniline
Concen: 18.38 ng
RT: 13.44 min Scan# 1037
Delta R.T. 0.03 min
Lab File: BF087391.D
Acq: 26 May 2016 2:29

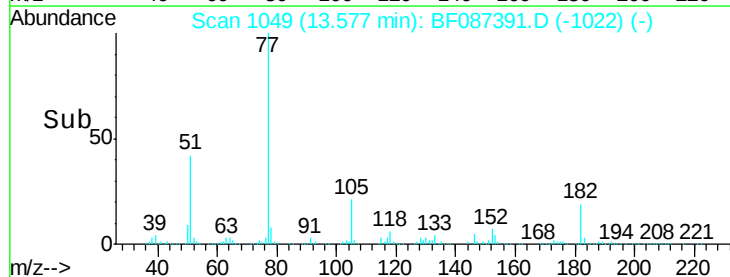
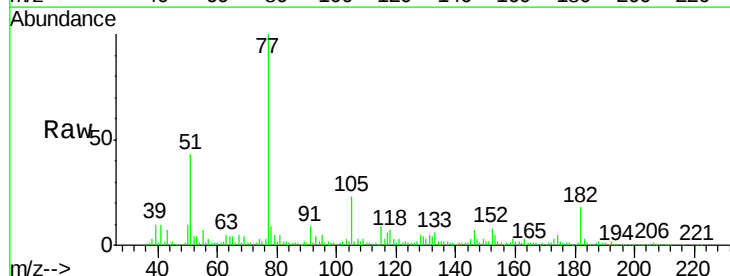
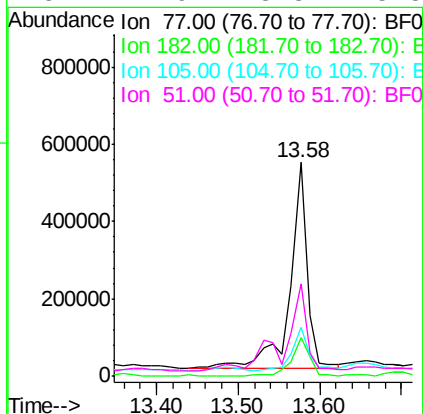
Instrument :
BNA_F
ClientSampleId :
DAY-1MSD

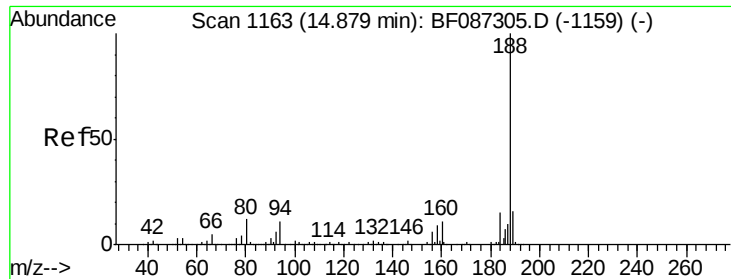
Tgt Ion:138 Resp: 53726
Ion Ratio Lower Upper
138 100
92 65.9 24.7 64.7#
108 106.2 37.4 77.4#



#62
Azobenzene
Concen: 51.06 ng
RT: 13.58 min Scan# 1049
Delta R.T. 0.01 min
Lab File: BF087391.D
Acq: 26 May 2016 2:29

Tgt Ion: 77 Resp: 779967
Ion Ratio Lower Upper
77 100
182 18.2 0.0 38.8
105 22.8 3.2 43.2
51 42.9 8.8 48.8

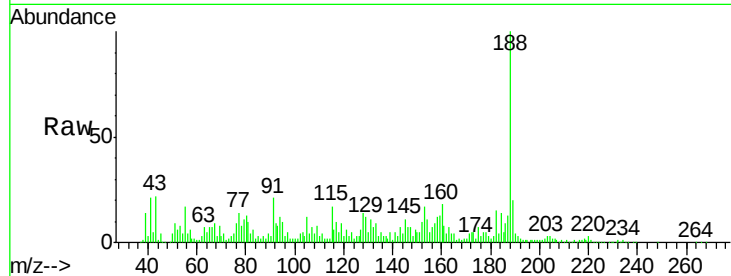




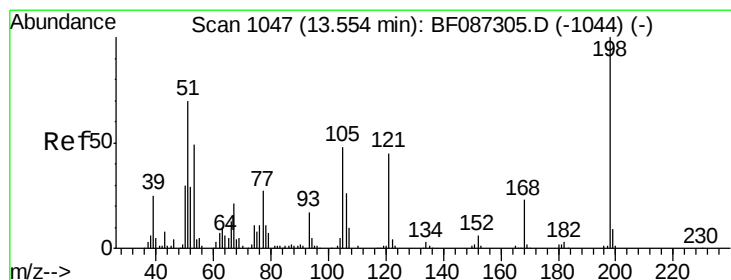
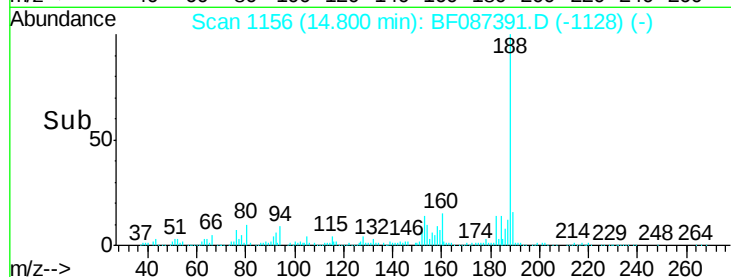
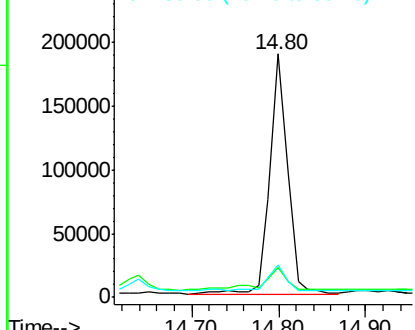
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.80 min Scan# 1156
Delta R.T. 0.02 min
Lab File: BF087391.D
Acq: 26 May 2016 2:29

Instrument :
BNA_F
ClientSampleId :
DAY-1MSD

Tgt Ion:188 Resp: 267791
Ion Ratio Lower Upper
188 100
94 12.2 6.8 10.2#
80 13.1 7.1 10.7#

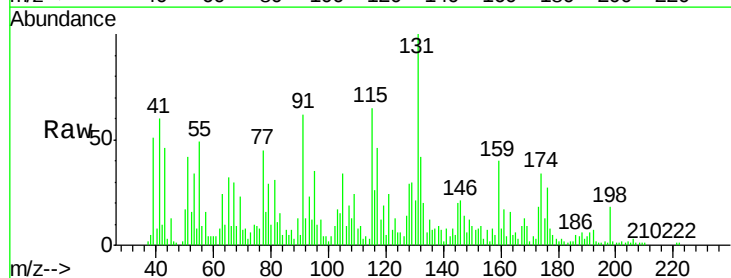


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

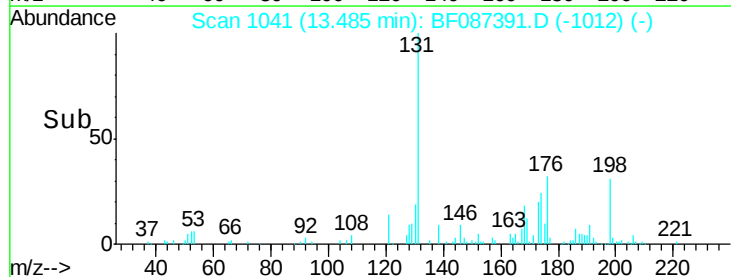
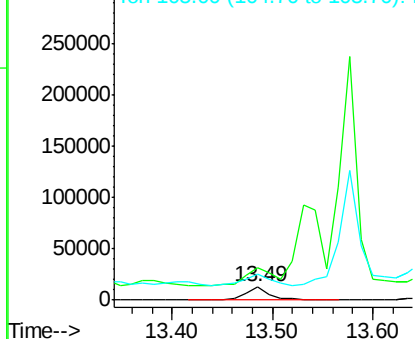


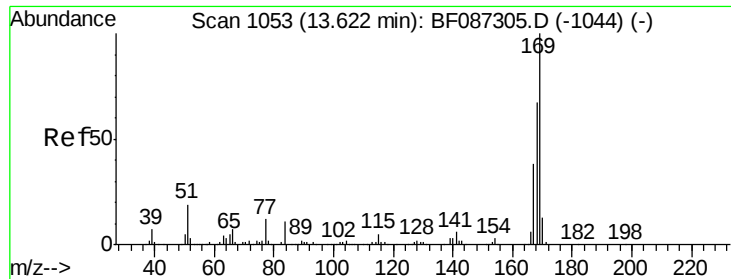
#64
4,6-Dinitro-2-methylphenol
Concen: 11.93 ng
RT: 13.49 min Scan# 1041
Delta R.T. 0.03 min
Lab File: BF087391.D
Acq: 26 May 2016 2:29

Tgt Ion:198 Resp: 20314
Ion Ratio Lower Upper
198 100
51 239.9 20.5 60.5#
105 192.2 24.5 64.5#



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: 58.34 ng

RT: 13.54 min Scan# 1046

Delta R.T. 0.02 min

Lab File: BF087391.D

Acq: 26 May 2016 2:29

Instrument :

BNA_F

ClientSampleId :

DAY-1MSD

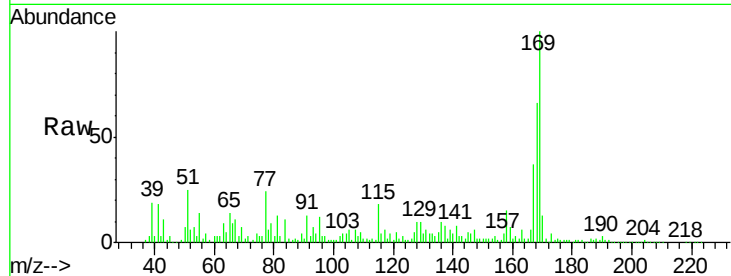
Tgt Ion:169 Resp: 505273

Ion Ratio Lower Upper

169 100

168 66.3 53.8 80.6

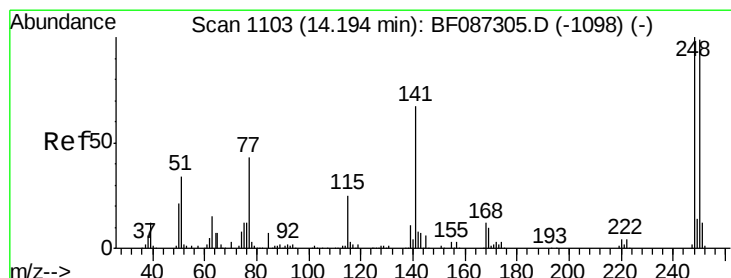
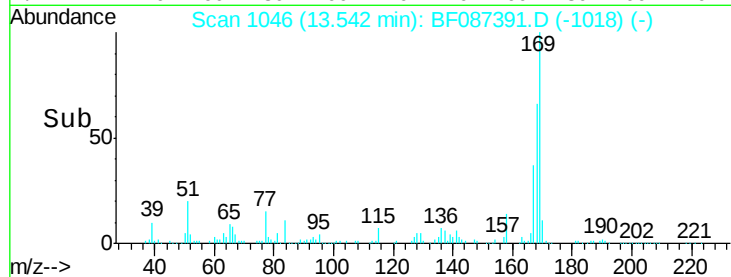
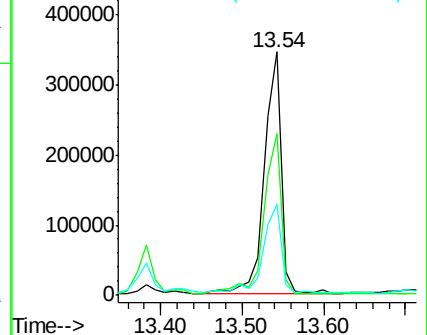
167 37.4 29.5 44.3



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 52.25 ng

RT: 14.10 min Scan# 1095

Delta R.T. 0.01 min

Lab File: BF087391.D

Acq: 26 May 2016 2:29

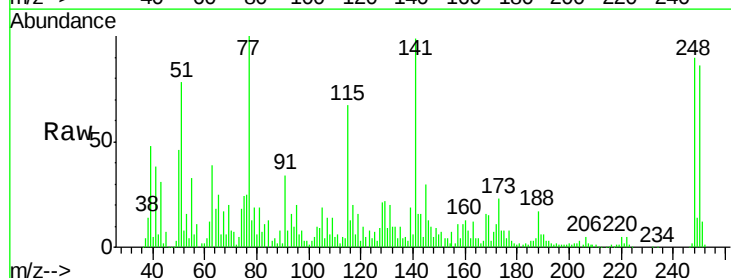
Tgt Ion:248 Resp: 153066

Ion Ratio Lower Upper

248 100

250 95.9 78.6 117.8

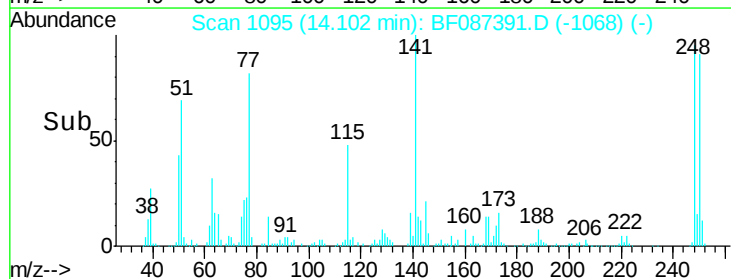
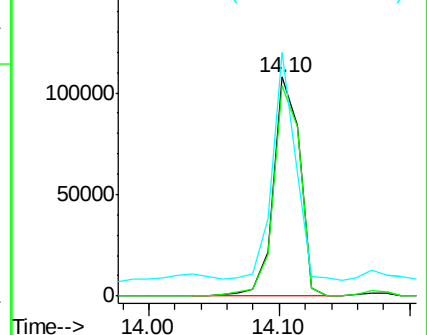
141 111.1 76.0 114.0

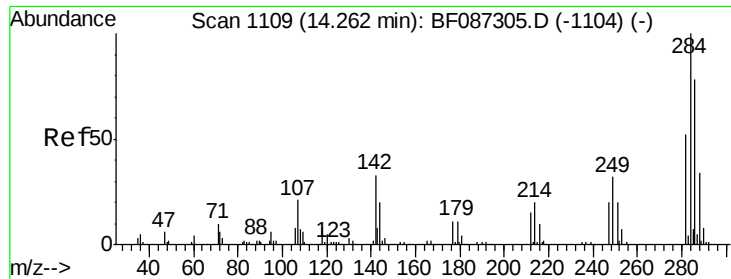


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

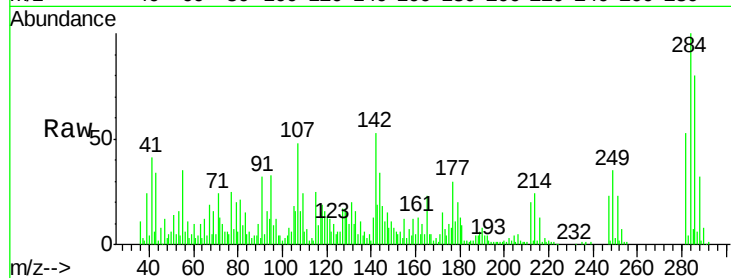




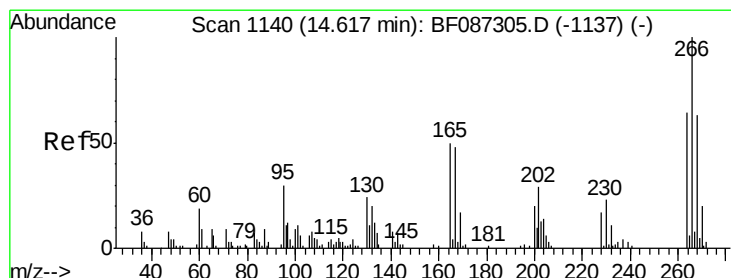
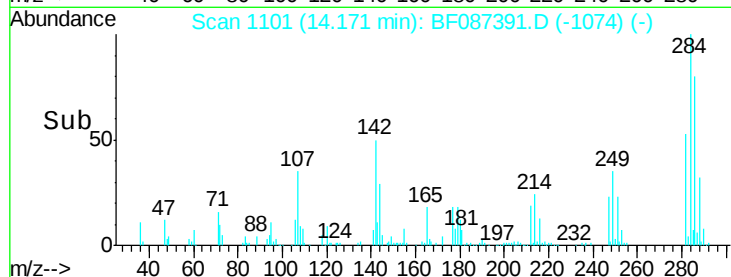
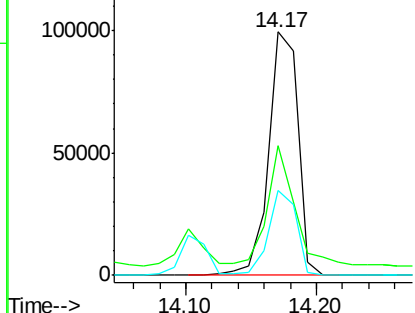
#67
Hexachlorobenzene
Concen: 51.11 ng
RT: 14.17 min Scan# 1101
Delta R.T. 0.01 min
Lab File: BF087391.D
Acq: 26 May 2016 2:29

Instrument :
BNA_F
ClientSampleId :
DAY-1MSD

Tgt Ion: 284 Resp: 156611
Ion Ratio Lower Upper
284 100
142 53.1 16.7 25.1#
249 34.9 21.3 31.9#

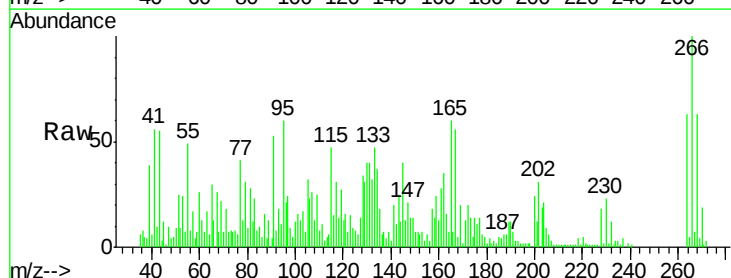


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

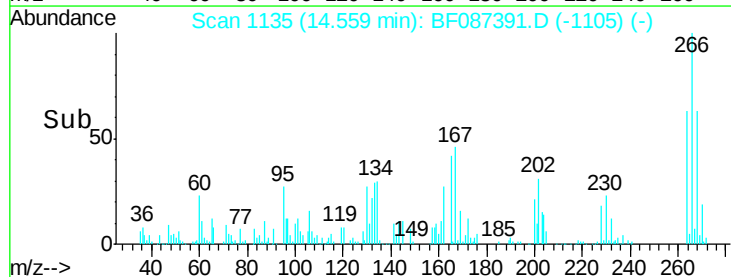
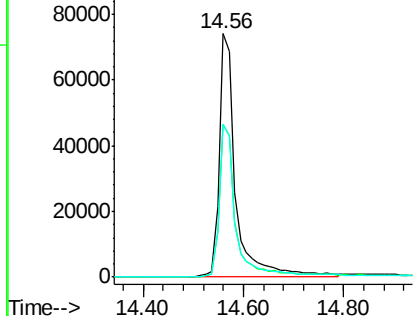


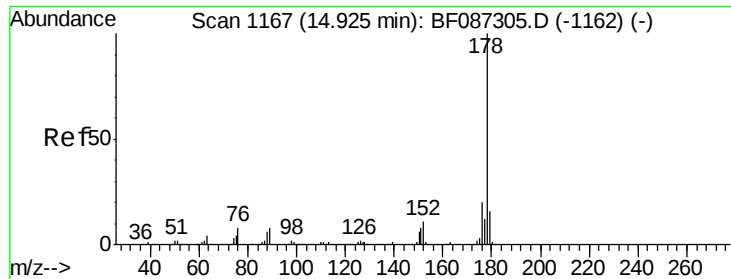
#69
Pentachlorophenol
Concen: 170.74 ng
RT: 14.56 min Scan# 1135
Delta R.T. 0.05 min
Lab File: BF087391.D
Acq: 26 May 2016 2:29

Tgt Ion: 266 Resp: 169824
Ion Ratio Lower Upper
266 100
268 62.7 51.5 77.3
264 62.8 52.9 79.3



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

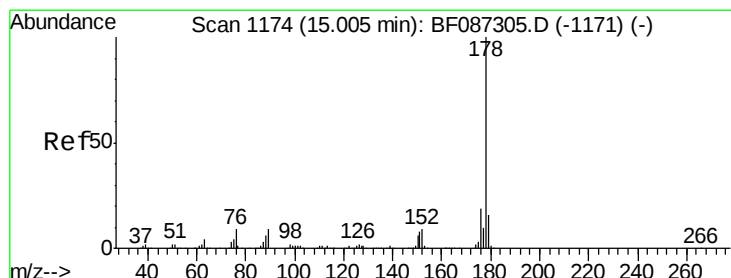
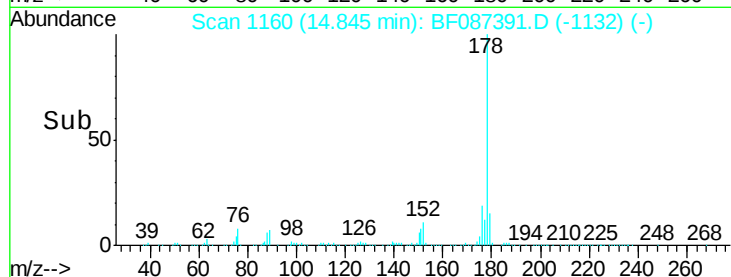
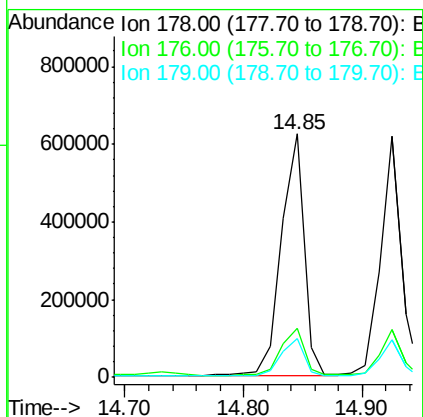
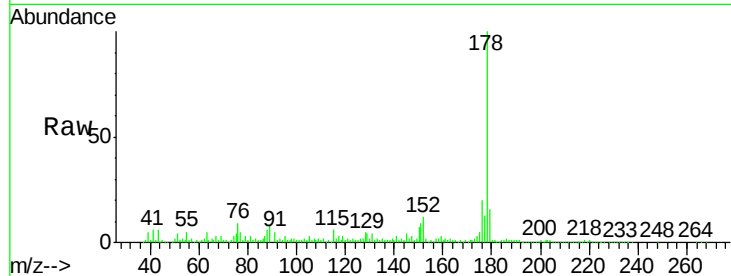




#70
Phenanthrene
Concen: 55.51 ng
RT: 14.85 min Scan# 1160
Delta R.T. 0.02 min
Lab File: BF087391.D
Acq: 26 May 2016 2:29

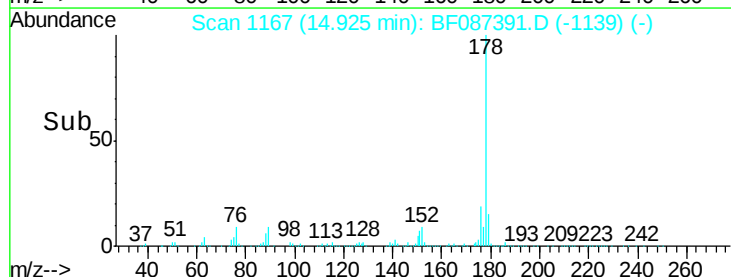
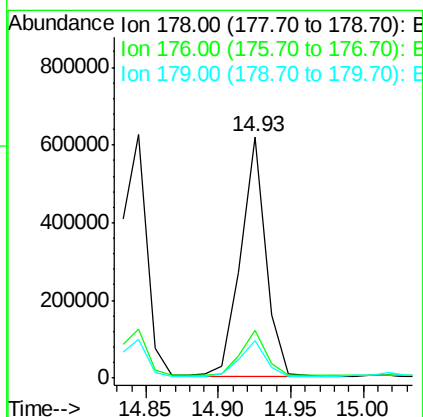
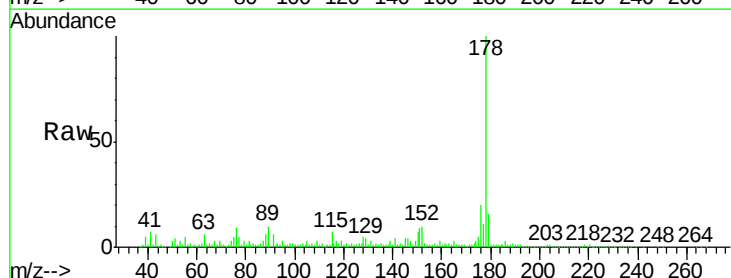
Instrument :
BNA_F
ClientSampleId :
DAY-1MSD

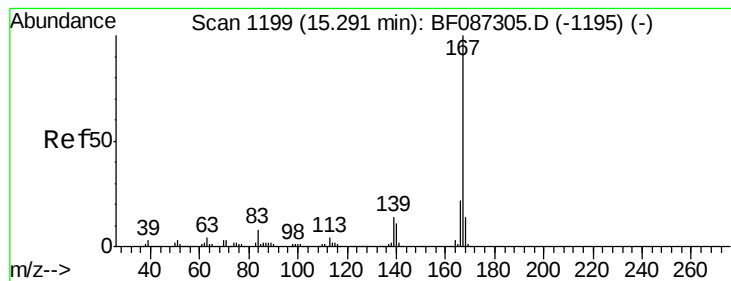
Tgt Ion:178 Resp: 823373
Ion Ratio Lower Upper
178 100
176 20.2 16.0 24.0
179 15.8 12.6 18.8



#71
Anthracene
Concen: 49.39 ng
RT: 14.93 min Scan# 1167
Delta R.T. 0.02 min
Lab File: BF087391.D
Acq: 26 May 2016 2:29

Tgt Ion:178 Resp: 740026
Ion Ratio Lower Upper
178 100
176 19.9 15.6 23.4
179 15.8 12.7 19.1





#72

Carbazole

Concen: 52.07 ng

RT: 15.25 min Scan# 1195

Delta R.T. 0.06 min

Lab File: BF087391.D

Acq: 26 May 2016 2:29

Instrument :

BNA_F

ClientSampled :

DAY-1MSD

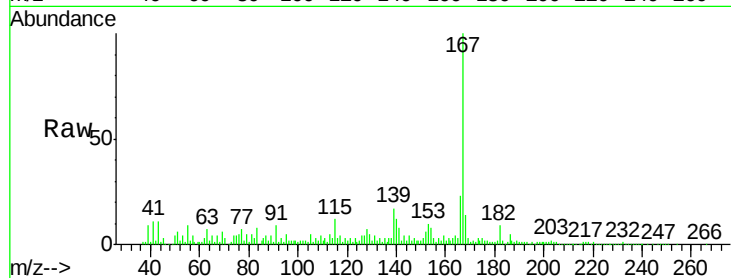
Tgt Ion:167 Resp: 665432

Ion Ratio Lower Upper

167 100

166 22.7 17.7 26.5

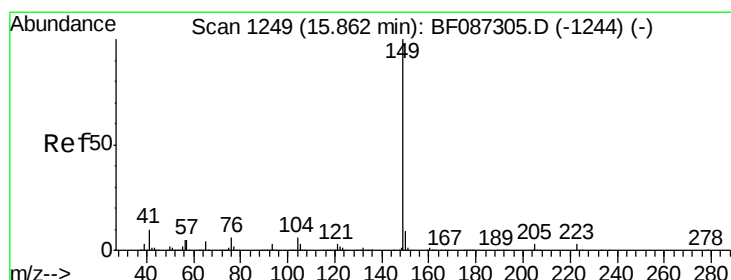
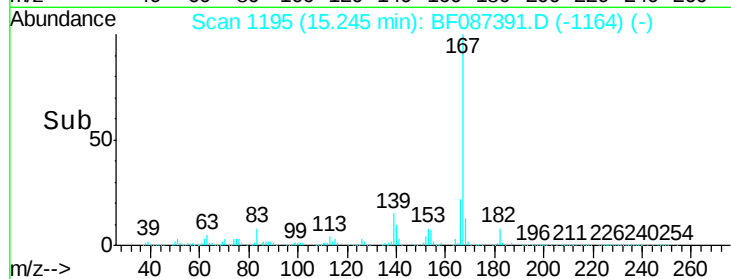
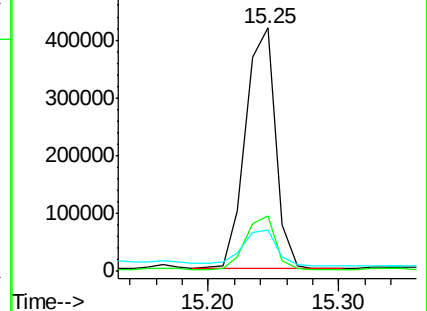
139 17.2 10.8 16.2#



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: 50.23 ng

RT: 15.81 min Scan# 1244

Delta R.T. 0.03 min

Lab File: BF087391.D

Acq: 26 May 2016 2:29

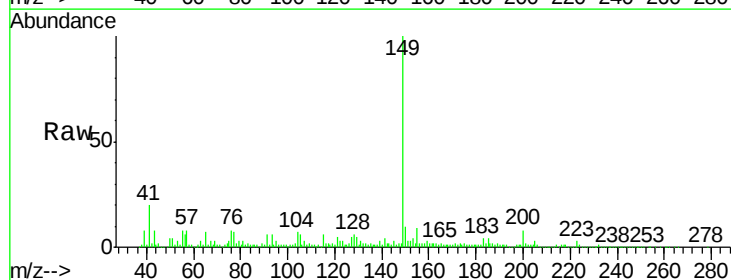
Tgt Ion:149 Resp: 830174

Ion Ratio Lower Upper

149 100

150 10.4 7.6 11.4

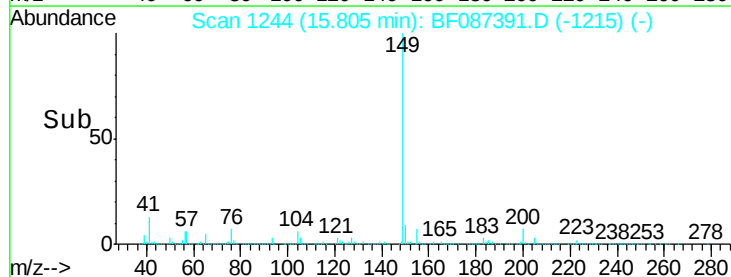
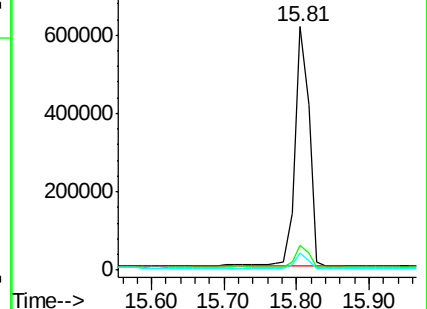
104 6.9 3.8 5.6#

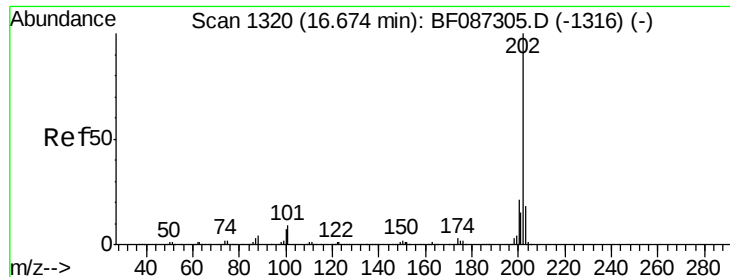


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#74

Fluoranthene

Concen: 49.41 ng

RT: 16.61 min Scan# 1314

Delta R.T. 0.02 min

Lab File: BF087391.D

Acq: 26 May 2016 2:29

Instrument :

BNA_F

ClientSampleId :

DAY-1MSD

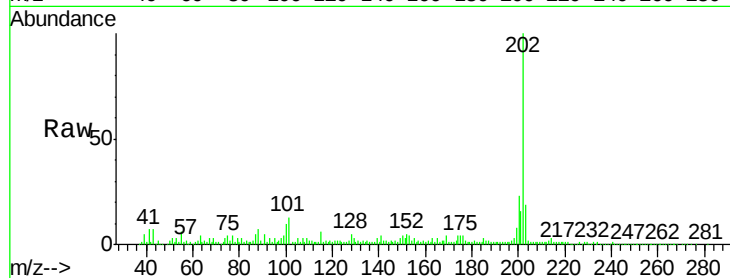
Tgt Ion: 202 Resp: 734912

Ion Ratio Lower Upper

202 100

101 12.9 0.0 35.4

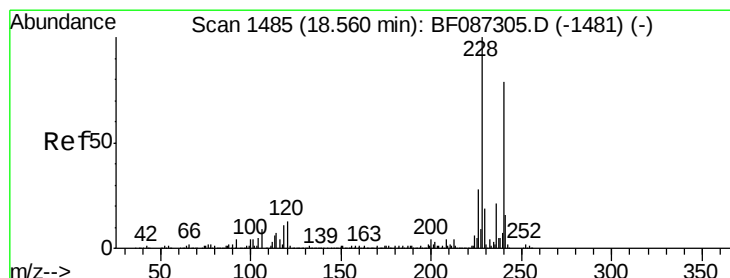
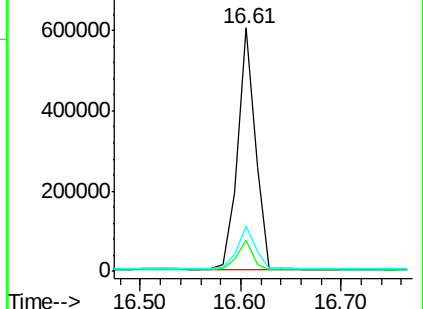
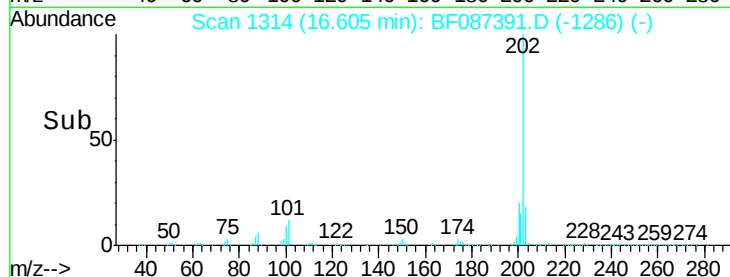
203 18.6 0.0 38.1



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: 18.50 min Scan# 1480

Delta R.T. 0.02 min

Lab File: BF087391.D

Acq: 26 May 2016 2:29

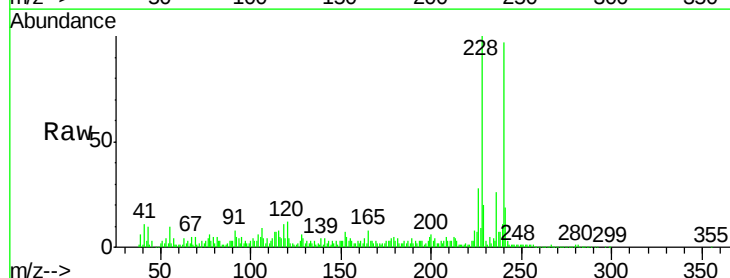
Tgt Ion: 240 Resp: 228365

Ion Ratio Lower Upper

240 100

120 12.5 11.2 16.8

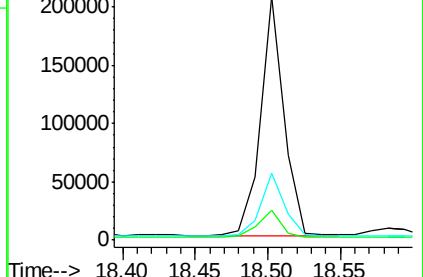
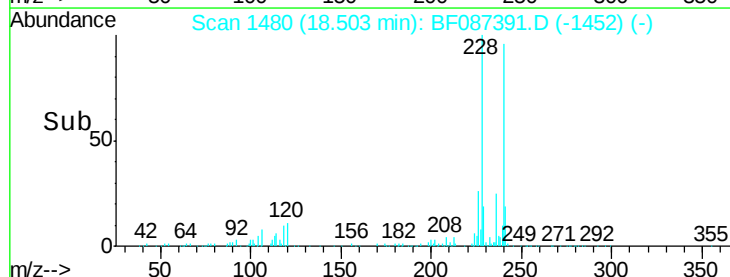
236 27.4 21.2 31.8

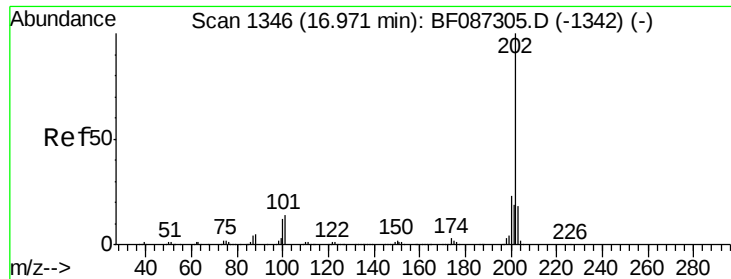


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Pyrene

Concen: 47.50 ng

RT: 16.91 min Scan# 1341

Delta R.T. 0.03 min

Lab File: BF087391.D

Acq: 26 May 2016 2:29

Instrument :

BNA_F

ClientSampleId :

DAY-1MSD

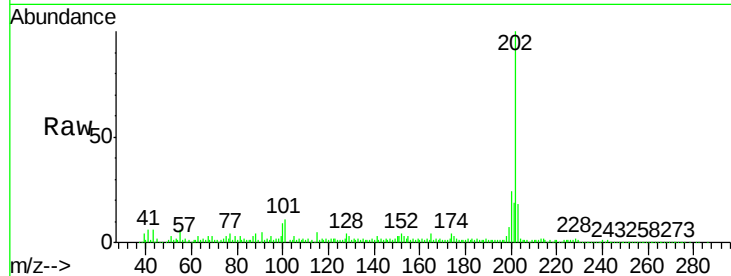
Tgt Ion:202 Resp: 780870

Ion Ratio Lower Upper

202 100

200 23.6 17.7 26.5

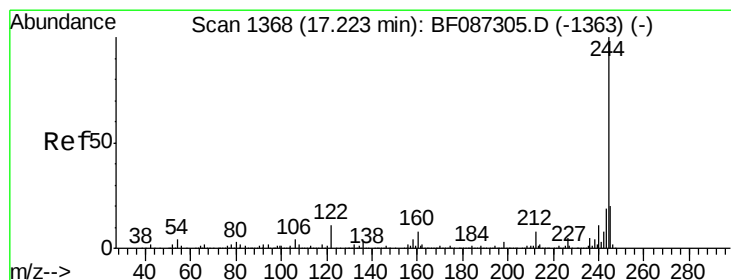
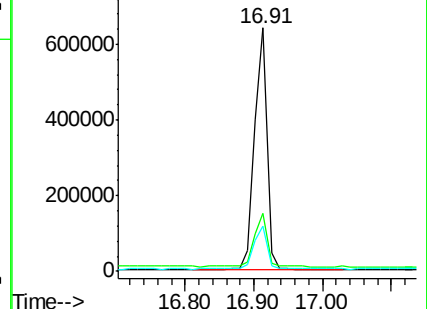
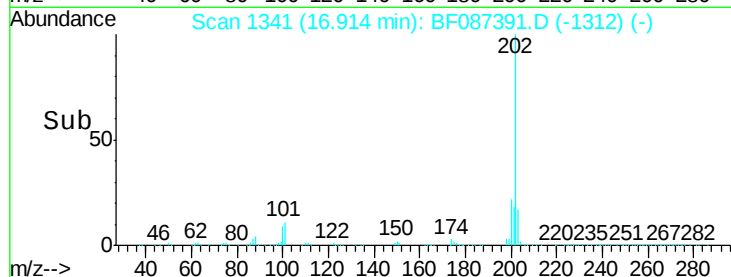
203 18.3 14.2 21.4



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 65.04 ng

RT: 17.15 min Scan# 1362

Delta R.T. 0.02 min

Lab File: BF087391.D

Acq: 26 May 2016 2:29

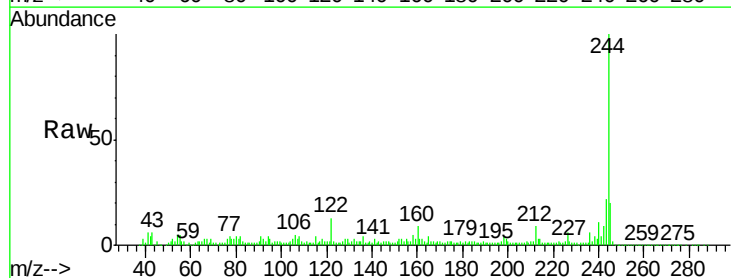
Tgt Ion:244 Resp: 698616

Ion Ratio Lower Upper

244 100

212 8.6 6.2 9.2

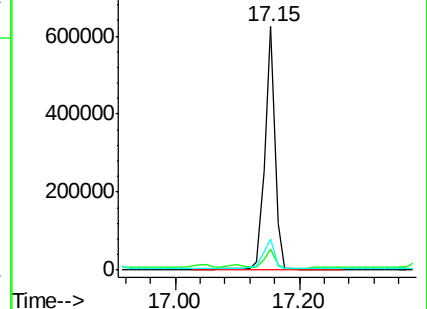
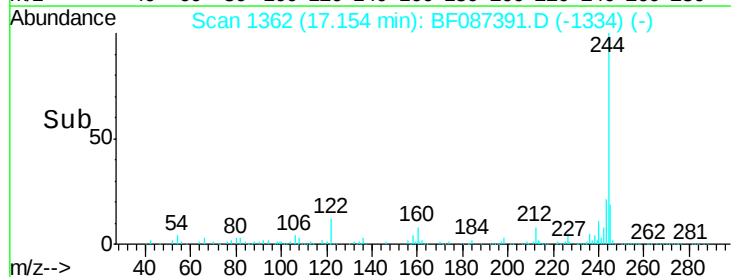
122 12.9 12.0 18.0

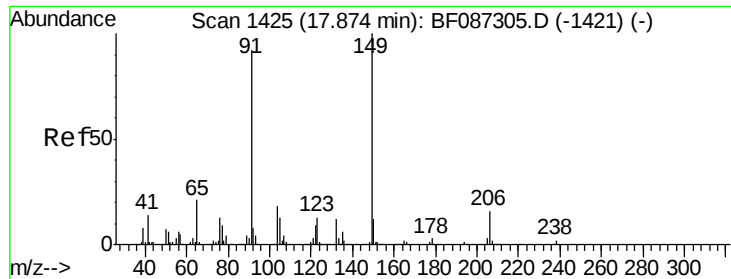


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 49.39 ng

RT: 17.83 min Scan# 1421

Delta R.T. 0.03 min

Lab File: BF087391.D

Acq: 26 May 2016 2:29

Instrument :

BNA_F

ClientSampleId :

DAY-1MSD

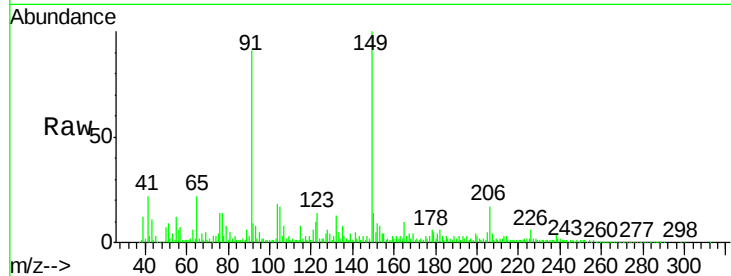
Tgt Ion:149 Resp: 360071

Ion Ratio Lower Upper

149 100

91 91.4 48.0 72.0#

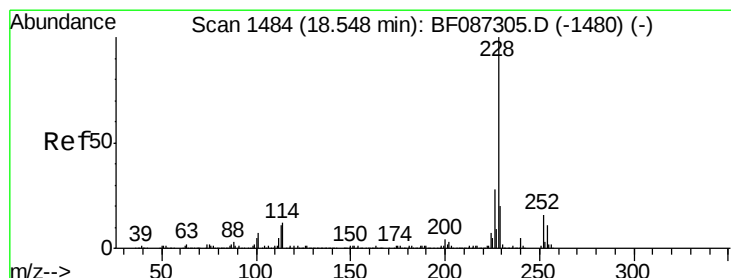
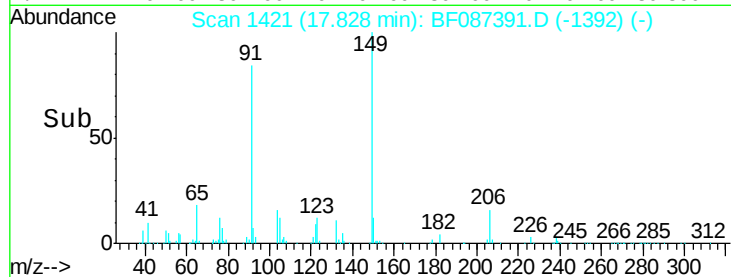
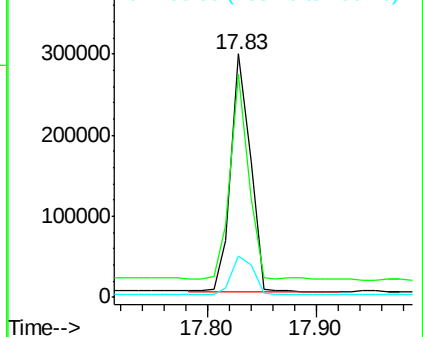
206 17.0 15.8 23.6



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: 53.64 ng

RT: 18.49 min Scan# 1479

Delta R.T. 0.03 min

Lab File: BF087391.D

Acq: 26 May 2016 2:29

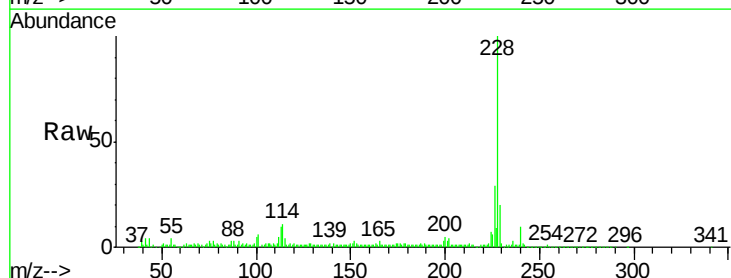
Tgt Ion:228 Resp: 696820

Ion Ratio Lower Upper

228 100

226 29.1 22.5 33.7

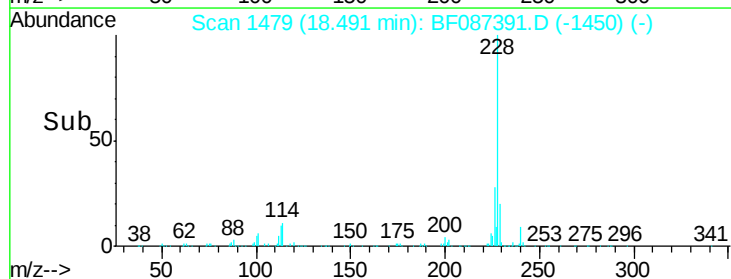
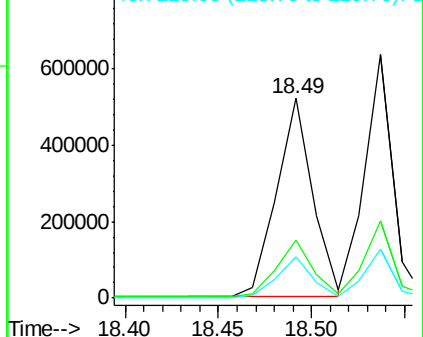
229 20.4 16.6 25.0

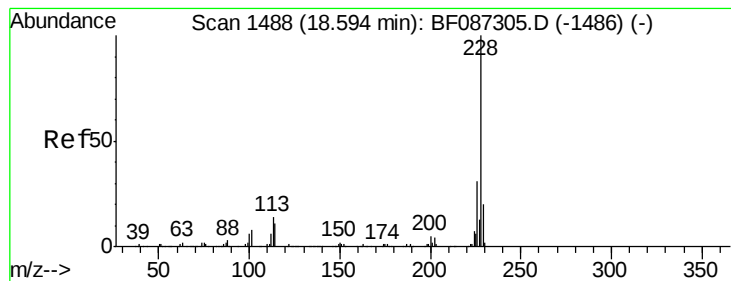


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#82

Chrysene

Concen: 50.70 ng

RT: 18.54 min Scan# 1483

Delta R.T. 0.02 min

Lab File: BF087391.D

Acq: 26 May 2016 2:29

Instrument :

BNA_F

ClientSampleId :

DAY-1MSD

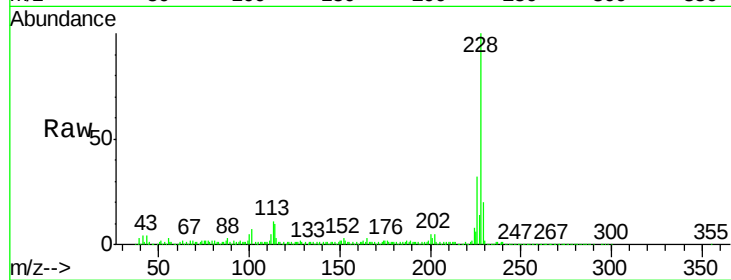
Tgt Ion:228 Resp: 653652

Ion Ratio Lower Upper

228 100

226 31.6 24.4 36.6

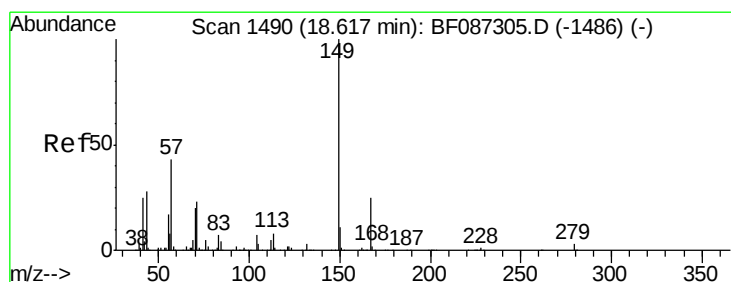
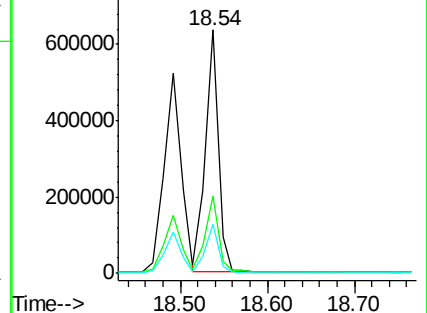
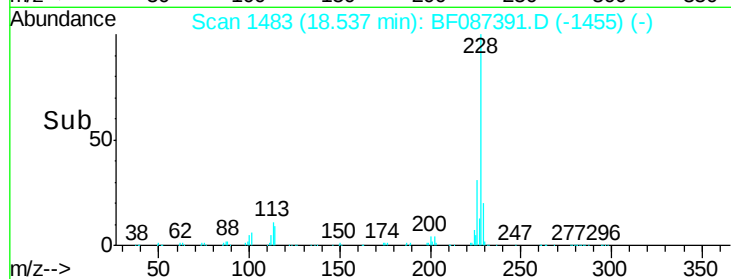
229 19.9 15.8 23.8



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#83

Bis(2-ethylhexyl)phthalate

Concen: 47.24 ng

RT: 18.56 min Scan# 1485

Delta R.T. 0.02 min

Lab File: BF087391.D

Acq: 26 May 2016 2:29

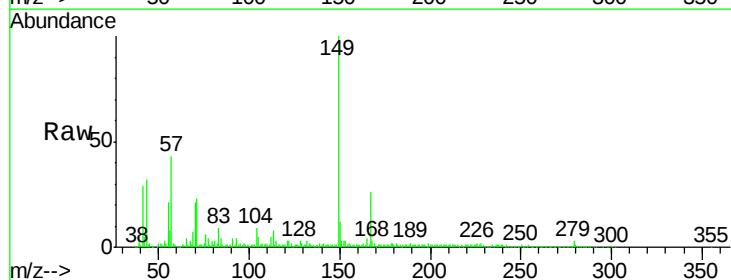
Tgt Ion:149 Resp: 502513

Ion Ratio Lower Upper

149 100

167 26.0 21.8 32.6

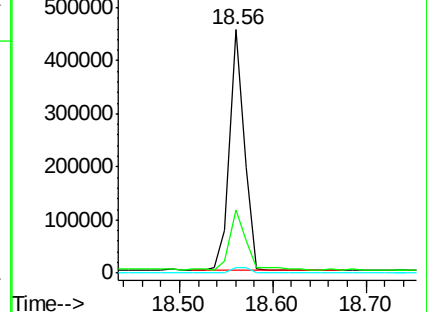
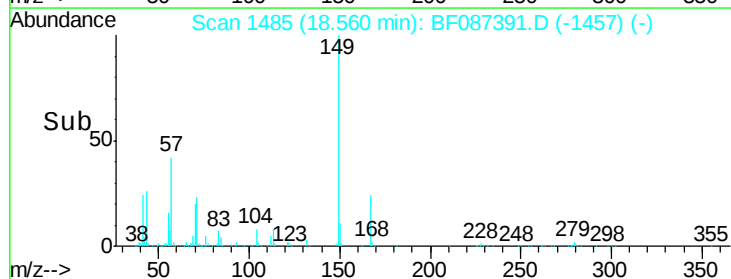
279 2.5 2.6 4.0#

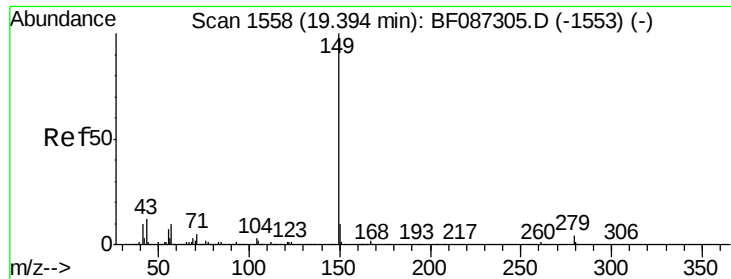


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#84

Di-n-octyl phthalate

Concen: 52.76 ng

RT: 19.33 min Scan# 1552

Delta R.T. 0.01 min

Lab File: BF087391.D

Acq: 26 May 2016 2:29

Instrument :

BNA_F

ClientSampleId :

DAY-1MSD

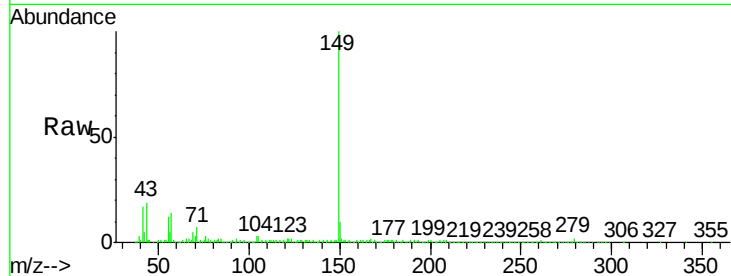
Tgt Ion:149 Resp: 855815

Ion Ratio Lower Upper

149 100

167 1.7 1.2 1.8

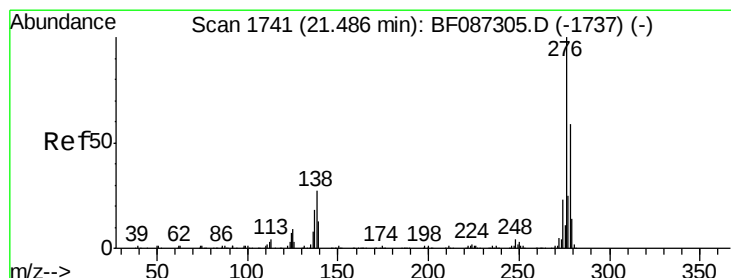
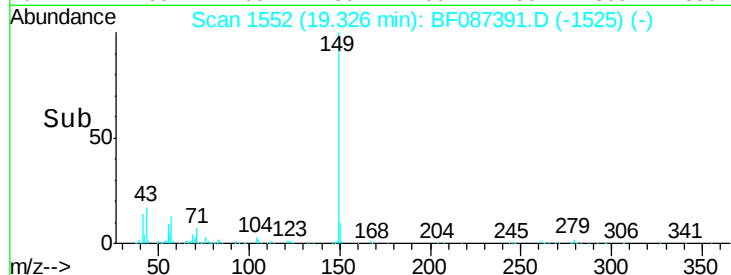
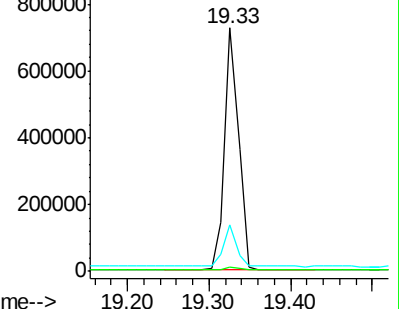
43 16.1 8.2 12.4#



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: 44.46 ng

RT: 21.39 min Scan# 1733

Delta R.T. 0.03 min

Lab File: BF087391.D

Acq: 26 May 2016 2:29

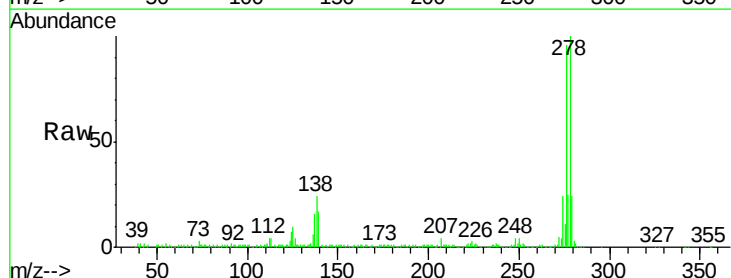
Tgt Ion:276 Resp: 459474

Ion Ratio Lower Upper

276 100

138 25.2 25.6 38.4#

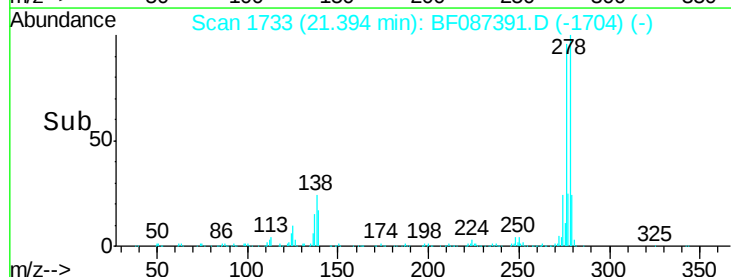
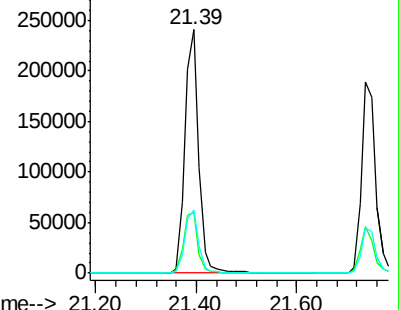
277 26.1 20.5 30.7

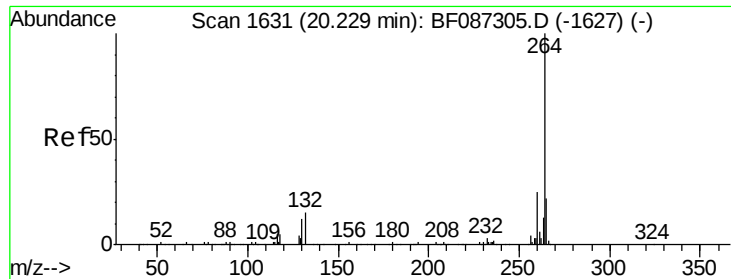


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



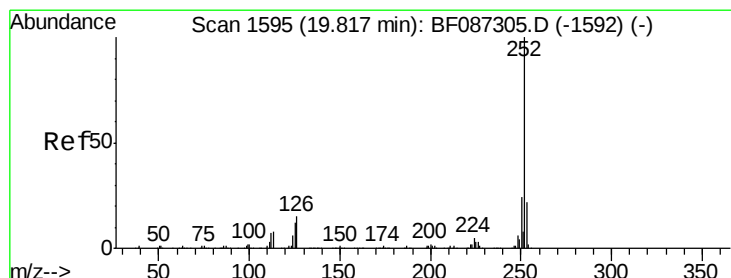
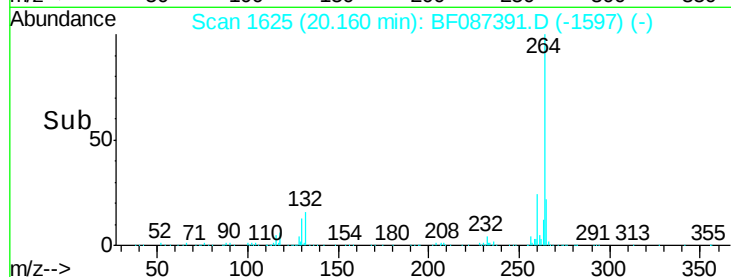
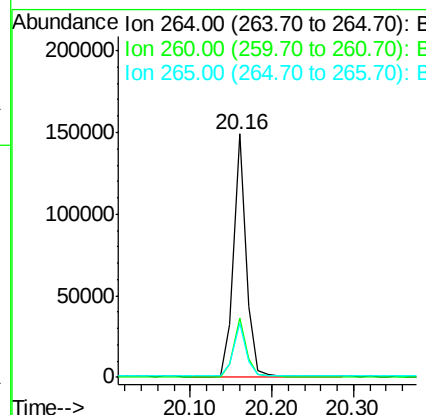
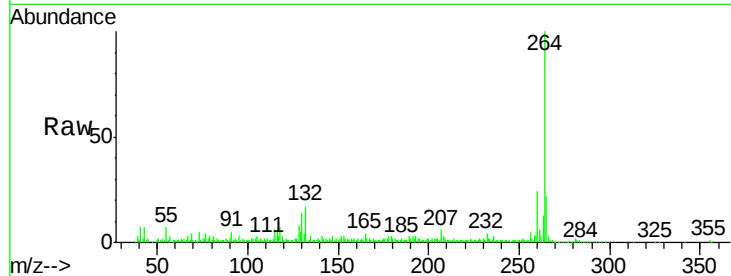


#86
Perylene-d12
Concen: 20.00 ng
RT: 20.16 min Scan# 1625
Delta R.T. 0.02 min
Lab File: BF087391.D
Acq: 26 May 2016 2:29

Instrument :
BNA_F
ClientSampleId :
DAY-1MSD

Tgt Ion: 264 Resp: 158378

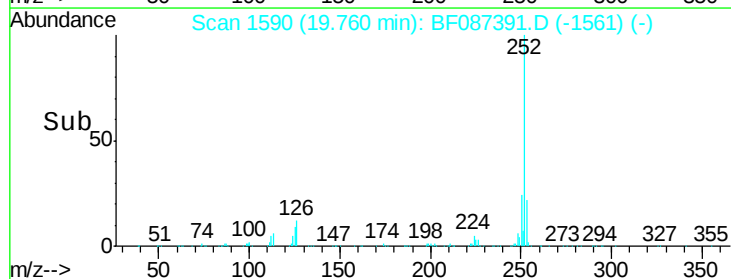
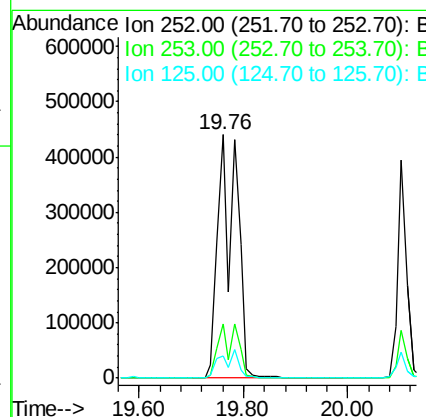
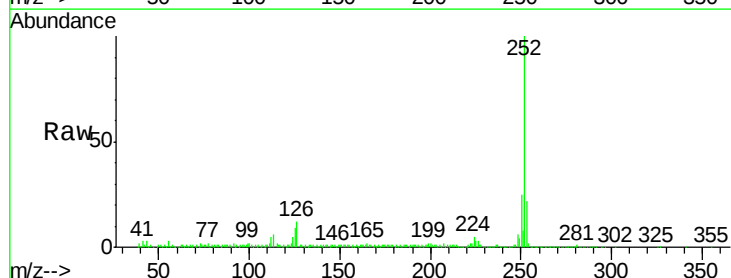
Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.5	29.3
265	22.0	17.3	25.9

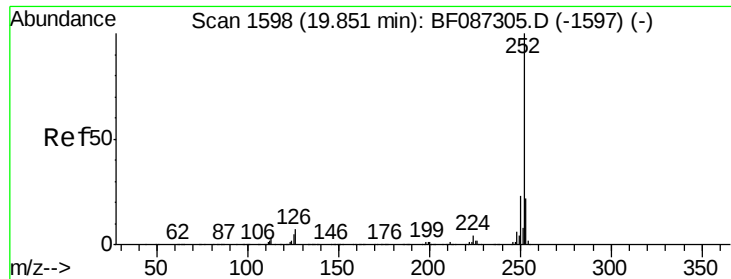


#87
Benzo(b)fluoranthene
Concen: 106.75 ng
RT: 19.76 min Scan# 1590
Delta R.T. 0.03 min
Lab File: BF087391.D
Acq: 26 May 2016 2:29

Tgt Ion: 252 Resp: 1076972

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.8	26.6
125	9.2	11.4	17.0

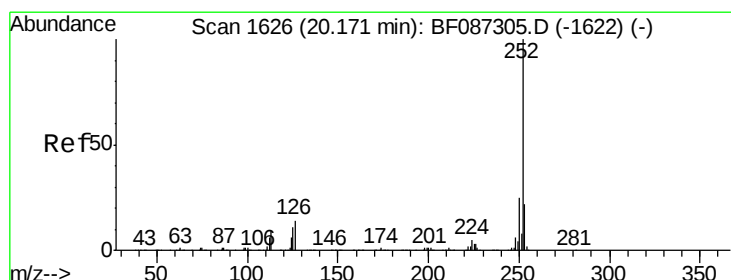
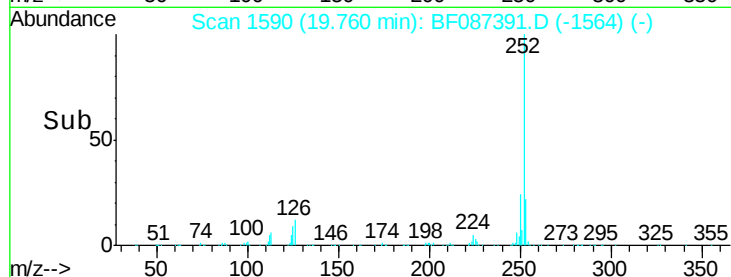
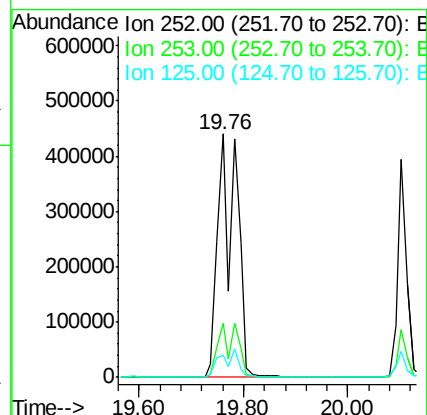
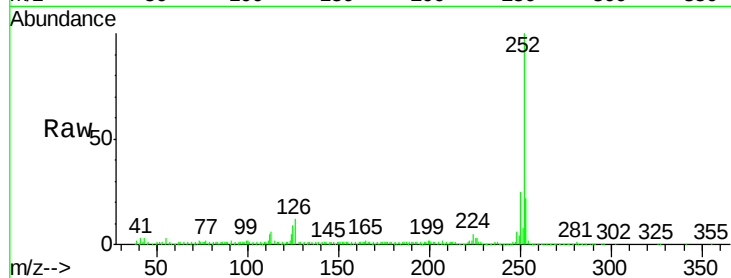




#88
Benzo(k)fluoranthene
Concen: 124.02 ng
RT: 19.76 min Scan# 1590
Delta R.T. 0.00 min
Lab File: BF087391.D
Acq: 26 May 2016 2:29

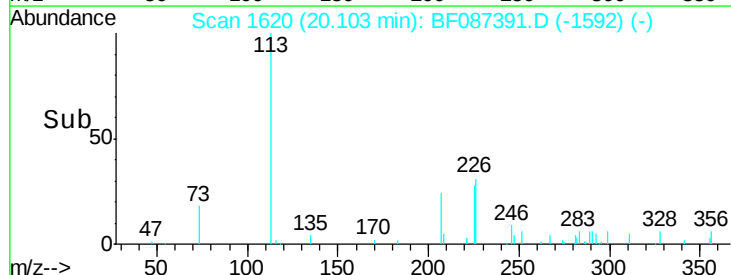
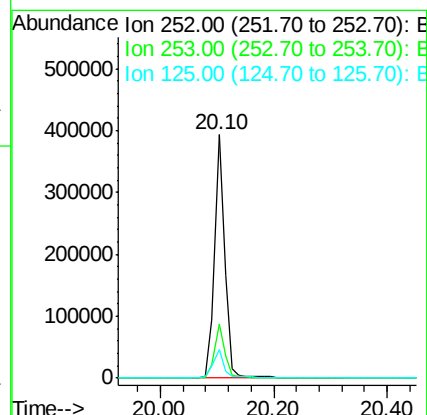
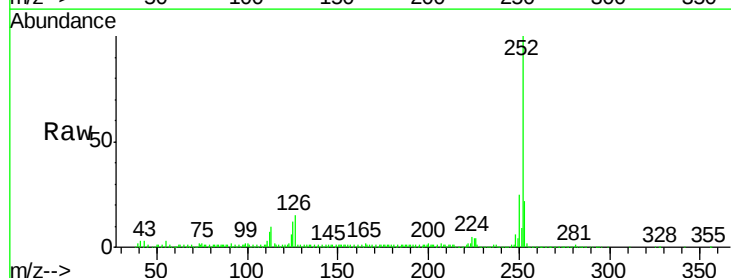
Instrument :
BNA_F
ClientSampleId :
DAY-1MSD

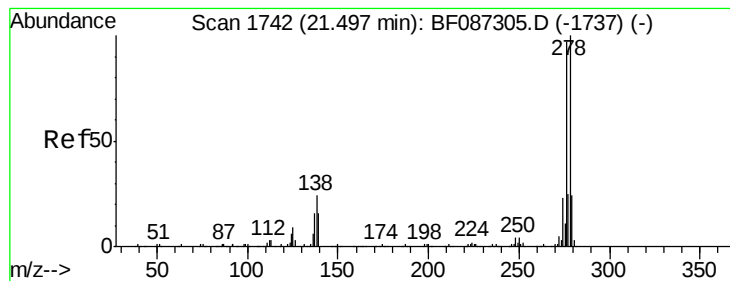
Tgt Ion:252 Resp: 1076972
Ion Ratio Lower Upper
252 100
253 22.3 17.8 26.6
125 9.2 9.1 13.7



#89
Benzo(a)pyrene
Concen: 53.43 ng
RT: 20.10 min Scan# 1620
Delta R.T. 0.02 min
Lab File: BF087391.D
Acq: 26 May 2016 2:29

Tgt Ion:252 Resp: 466225
Ion Ratio Lower Upper
252 100
253 22.2 17.2 25.8
125 12.0 9.0 13.6





#90

Dibenzo(a,h)anthracene

Concen: 52.62 ng

RT: 21.39 min Scan# 1733

Delta R.T. 0.03 min

Lab File: BF087391.D

Acq: 26 May 2016 2:29

Instrument :

BNA_F

ClientSampleId :

DAY-1MSD

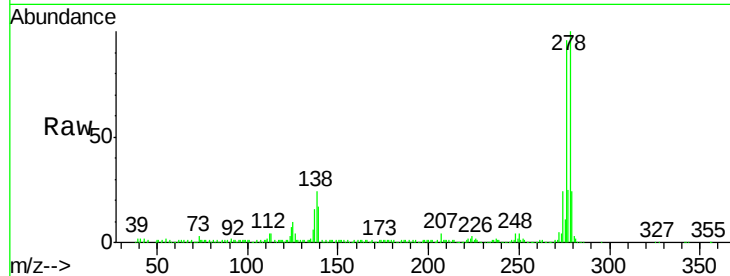
Tgt Ion:278 Resp: 391608

Ion Ratio Lower Upper

278 100

139 17.1 16.6 24.8

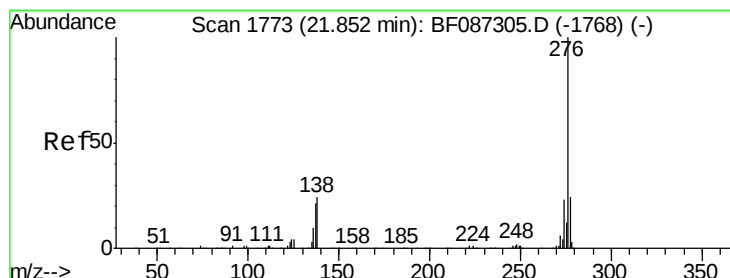
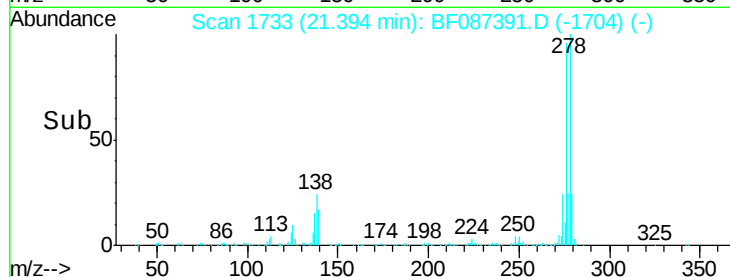
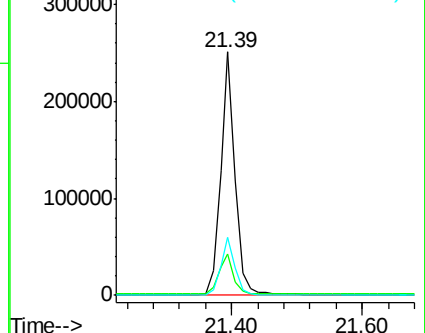
279 23.7 19.6 29.4



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: 51.15 ng

RT: 21.74 min Scan# 1763

Delta R.T. 0.02 min

Lab File: BF087391.D

Acq: 26 May 2016 2:29

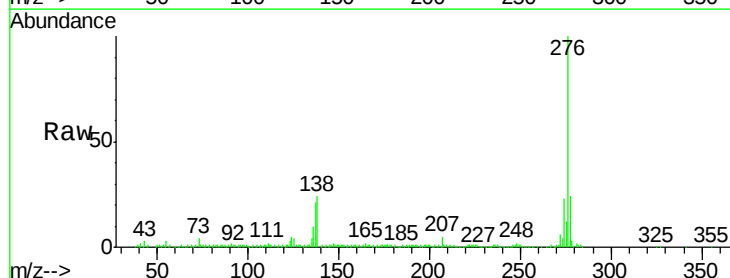
Tgt Ion:276 Resp: 375588

Ion Ratio Lower Upper

276 100

277 23.8 19.6 29.4

138 24.5 23.6 35.4



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

