

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052516\
 Data File : BF087390.D
 Acq On : 26 May 2016 1:55
 Operator : UM/SJ
 Sample : H3212-03MS
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DAY-1MS

Quant Time: May 26 04:21:51 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	109079	20.00	ng	0.00
21) Naphthalene-d8	9.55	136	414860	20.00	ng	0.00
38) Acenaphthene-d10	12.39	164	189781	20.00	ng	0.00
63) Phenanthrene-d10	14.80	188	258638	20.00	ng	0.02
75) Chrysene-d12	18.50	240	223434	20.00	ng	0.02
86) Perylene-d12	20.16	264	152308	20.00	ng	0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.45	112	512418	82.55	ng	0.03
7) Phenol-d6	7.10	99	419597	50.02	ng	0.02
23) Nitrobenzene-d5	8.44	82	840198	102.07	ng	0.00
41) 2,4,6-Tribromophenol	13.71	330	233724	128.16	ng	0.03
44) 2-Fluorobiphenyl	11.34	172	1259546	93.56	ng	0.00
78) Terphenyl-d14	17.15	244	702840	66.88	ng	0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	1.86	88	51137	15.61	ng	# 66
3) Pyridine	2.55	79	46857	6.54	ng	# 59
4) n-Nitrosodimethylamine	2.42	42	112888	20.46	ng	# 45
6) Aniline	7.10	93	34411	3.17	ng	# 1
8) 2-Chlorophenol	7.22	128	336000	43.40	ng	95
9) Benzaldehyde	6.83	77	94056	20.31	ng	96
10) Phenol	7.12	94	179920	19.64	ng	# 72
11) bis(2-Chloroethyl)ether	7.16	93	373586	50.39	ng	86
12) 1,3-Dichlorobenzene	7.55	146	391368	46.35	ng	97
13) 1,4-Dichlorobenzene	7.55	146	391378	45.15	ng	97
14) 1,2-Dichlorobenzene	7.78	146	384466	47.95	ng	97
15) Benzyl Alcohol	7.83	79	204679	33.47	ng	89
16) 2,2'-oxybis(1-Chloropropan	8.02	45	771208	46.23	ng	85
17) 2-Methylphenol	8.06	107	230910	37.22	ng	# 90
18) Hexachloroethane	8.30	117	119384	36.92	ng	99
19) n-Nitroso-di-n-propylamine	8.25	70	321114	51.33	ng	# 68
20) 3+4-Methylphenols	8.32	107	273199	36.43	ng	# 59
22) Acetophenone	8.20	105	566022	57.11	ng	# 95
24) Nitrobenzene	8.47	77	447263	51.47	ng	# 94
25) Isophorone	8.88	82	768958	52.09	ng	# 98
26) 2-Nitrophenol	8.98	139	184800	52.03	ng	# 87
27) 2,4-Dimethylphenol	9.13	122	308122	49.97	ng	87
28) bis(2-Chloroethoxy)methane	9.26	93	461703	55.52	ng	94
29) 2,4-Dichlorophenol	9.40	162	284257	51.16	ng	98
30) 1,2,4-Trichlorobenzene	9.48	180	326840	51.38	ng	97
31) Naphthalene	9.59	128	1058421	50.91	ng	99
32) Benzoic acid	9.37	122	15741	10.18	ng	# 35
33) 4-Chloroaniline	9.77	127	23086	3.02	ng	# 81
34) Hexachlorobutadiene	9.80	225	183887	47.56	ng	99
35) Caprolactam	10.35	113	6112	3.77	ng	# 1
36) 4-Chloro-3-methylphenol	10.62	107	300403	47.82	ng	89
37) 2-Methylnaphthalene	10.72	142	672381	51.77	ng	96
39) 1,2,4,5-Tetrachlorobenzene	10.99	216	278629	45.87	ng	98
40) Hexachlorocyclopentadiene	10.96	237	14964	14.74	ng	98

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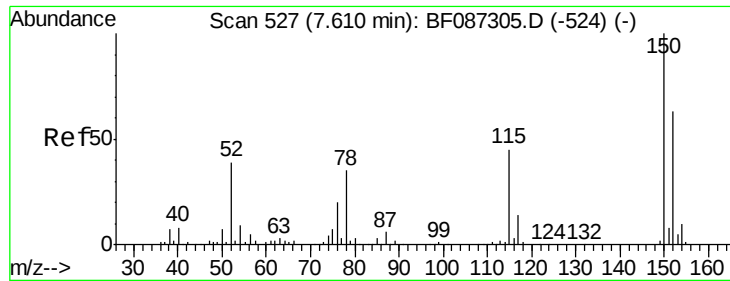
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

42) 2,4,6-Trichlorophenol	11.23	196	178889	51.02	ng	93
43) 2,4,5-Trichlorophenol	11.32	196	170061	47.62	ng #	84
45) 1,1'-Biphenyl	11.48	154	763355	47.77	ng	96
46) 2-Chloronaphthalene	11.51	162	553763	45.30	ng	96
47) 2-Nitroaniline	11.74	65	262585	59.62	ng #	73
48) Acenaphthylene	12.16	152	809041	41.80	ng	99
49) Dimethylphthalate	12.06	163	676776	44.52	ng	99
50) 2,6-Dinitrotoluene	12.15	165	132364	43.21	ng #	87
51) Acenaphthene	12.44	154	531239	44.66	ng	97
52) 3-Nitroaniline	12.38	138	8805	2.80	ng #	51
53) 2,4-Dinitrophenol	12.57	184	1262	7.29	ng #	1
54) Dibenzofuran	12.73	168	755442	46.91	ng	92
55) 4-Nitrophenol	12.73	139	329827	219.92	ng #	30
56) 2,4-Dinitrotoluene	12.81	165	153564	37.51	ng #	92
57) Fluorene	13.29	166	623649	44.66	ng	99
58) 2,3,4,6-Tetrachlorophenol	12.92	232	137974	50.23	ng #	79
59) Diethylphthalate	13.21	149	664942	44.99	ng	95
60) 4-Chlorophenyl-phenylether	13.32	204	283161	41.58	ng #	87
61) 4-Nitroaniline	13.44	138	55094	18.78	ng #	53
62) Azobenzene	13.58	77	731072	47.68	ng	90
64) 4,6-Dinitro-2-methylphenol	13.48	198	20814	12.66	ng #	1
65) n-Nitrosodiphenylamine	13.54	169	491694	58.78	ng	99
66) 4-Bromophenyl-phenylether	14.10	248	152958	54.06	ng	91
67) Hexachlorobenzene	14.17	284	154052	52.06	ng #	63
69) Pentachlorophenol	14.56	266	173485	180.24	ng	97
70) Phenanthrene	14.85	178	811946	56.68	ng	99
71) Anthracene	14.93	178	735968	50.85	ng	99
72) Carbazole	15.25	167	655496	53.10	ng #	96
73) Di-n-butylphthalate	15.81	149	831556	52.09	ng #	97
74) Fluoranthene	16.61	202	730084	50.82	ng	96
77) Pyrene	16.91	202	764274	47.52	ng	98
79) Butylbenzylphthalate	17.83	149	359487	50.40	ng #	68
80) Benzo(a)anthracene	18.49	228	673661	53.01	ng	99
82) Chrysene	18.54	228	645408	51.17	ng	99
83) Bis(2-ethylhexyl)phthalate	18.56	149	505503	48.57	ng #	97
84) Di-n-octyl phthalate	19.33	149	826143	52.05	ng #	88
85) Indeno(1,2,3-cd)pyrene	21.39	276	447996	44.31	ng #	93
87) Benzo(b)fluoranthene	19.78	252	1034317	106.61	ng #	97
88) Benzo(k)fluoranthene	19.78	252	1034317	123.86	ng	100
89) Benzo(a)pyrene	20.10	252	450475	53.69	ng	98
90) Dibenzo(a,h)anthracene	21.39	278	384310	53.70	ng #	92
91) Benzo(g,h,i)perylene	21.74	276	356321	50.46	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

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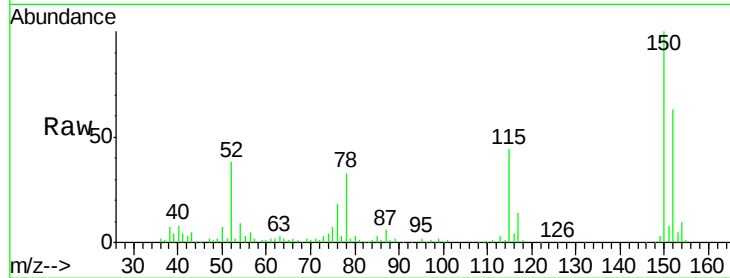
Tgt Ion:152 Resp: 109079

Ion Ratio Lower Upper

152 100

150 158.5 125.8 188.6

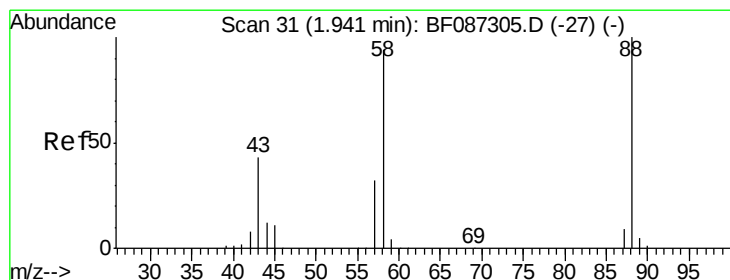
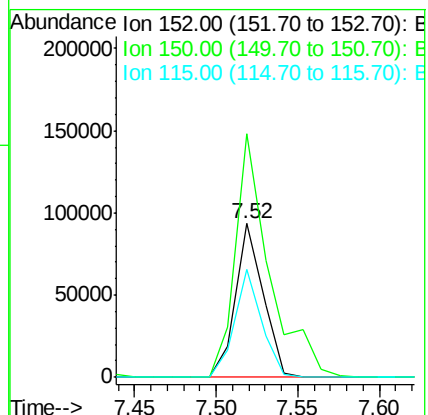
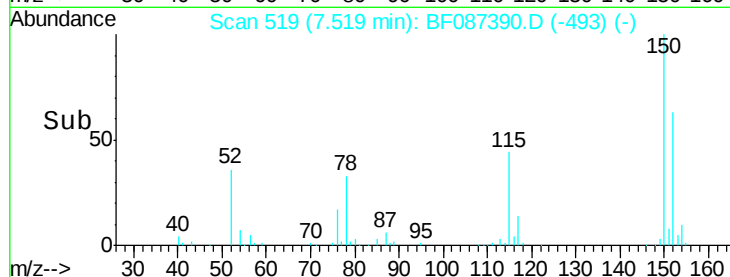
115 70.5 51.5 77.3



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: 15.61 ng

RT: 1.86 min Scan# 24

Delta R.T. 0.05 min

Lab File: BF087390.D

Acq: 26 May 2016 1:55

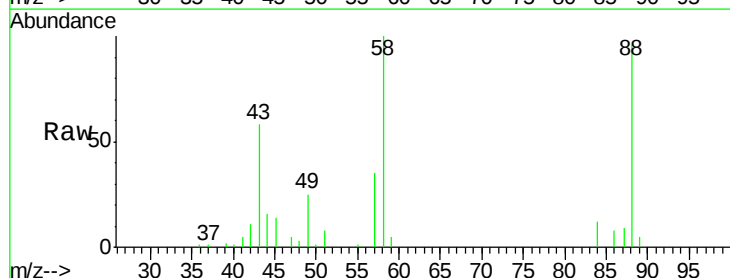
Tgt Ion: 88 Resp: 51137

Ion Ratio Lower Upper

88 100

58 98.5 59.6 89.4#

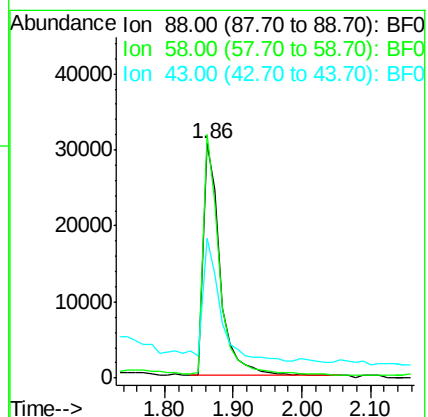
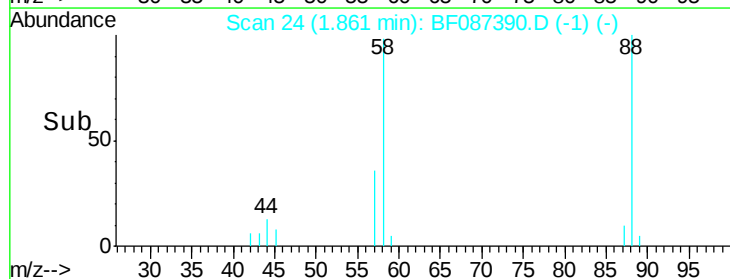
43 53.0 21.8 32.6#

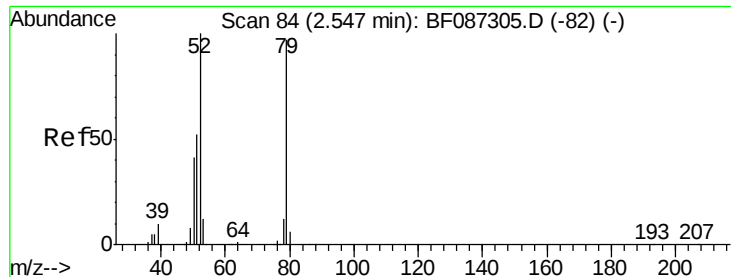


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 6.54 ng

RT: 2.55 min Scan# 84

Delta R.T. 0.14 min

Lab File: BF087390.D

Acq: 26 May 2016 1:55

Instrument :

BNA_F

ClientSampleId :

DAY-1MS

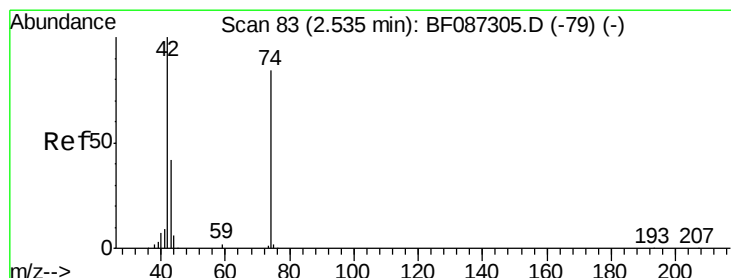
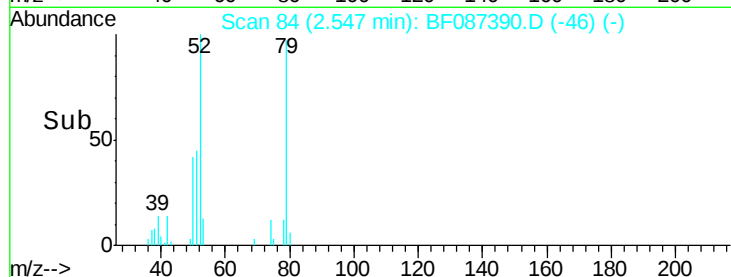
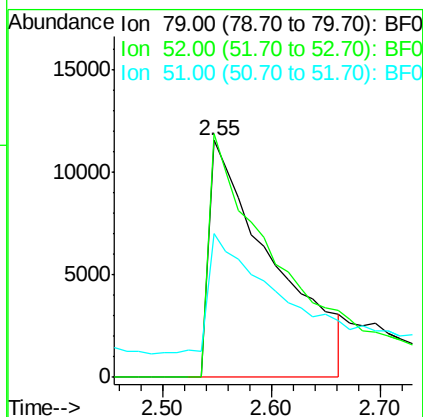
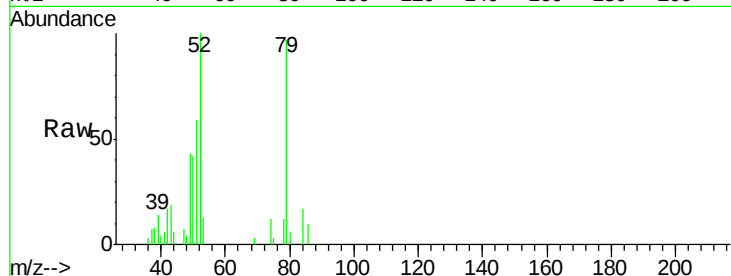
Tgt Ion: 79 Resp: 46857

Ion Ratio Lower Upper

79 100

52 102.7 55.9 83.9#

51 60.6 28.1 42.1#



#4

n-Nitrosodimethylamine

Concen: 20.46 ng

RT: 2.42 min Scan# 73

Delta R.T. 0.03 min

Lab File: BF087390.D

Acq: 26 May 2016 1:55

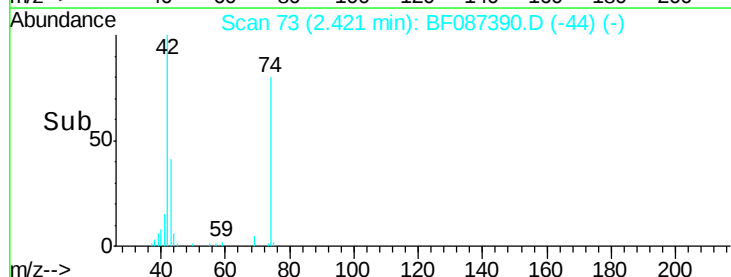
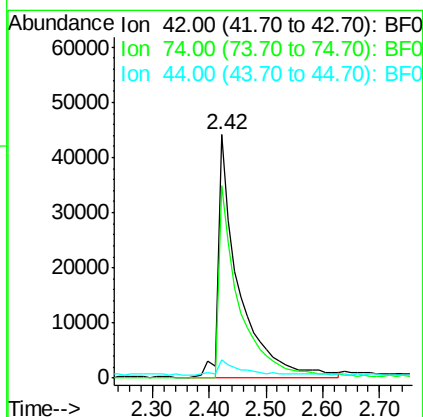
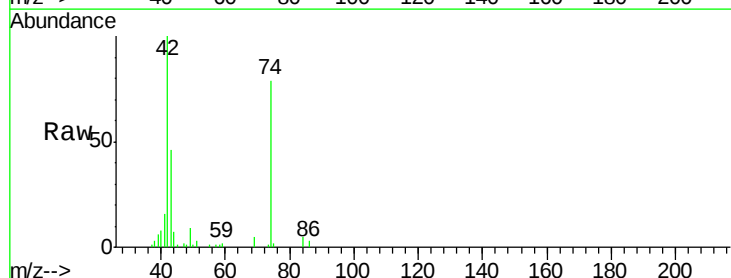
Tgt Ion: 42 Resp: 112888

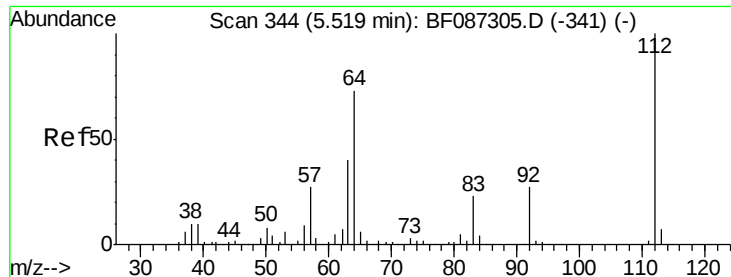
Ion Ratio Lower Upper

42 100

74 79.3 123.4 185.0#

44 7.4 5.8 8.6





#5

2-Fluorophenol

Concen: 82.55 ng

RT: 5.45 min Scan# 338

Delta R.T. 0.03 min

Lab File: BF087390.D

Acq: 26 May 2016 1:55

Instrument :

BNA_F

ClientSampled :

DAY-1MS

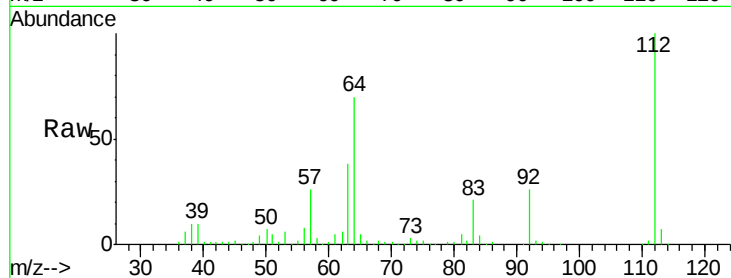
Tgt Ion: 112 Resp: 512418

Ion Ratio Lower Upper

112 100

64 69.9 52.1 78.1

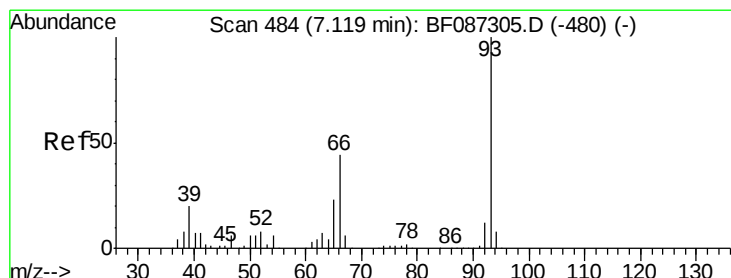
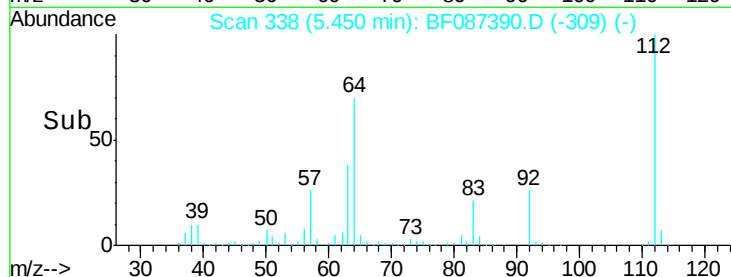
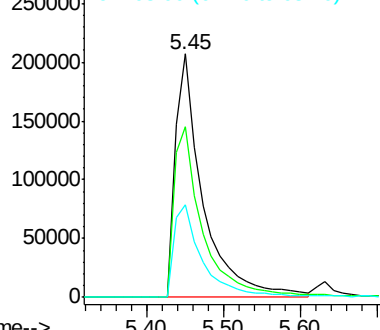
63 38.2 25.7 38.5



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 3.17 ng

RT: 7.10 min Scan# 482

Delta R.T. 0.07 min

Lab File: BF087390.D

Acq: 26 May 2016 1:55

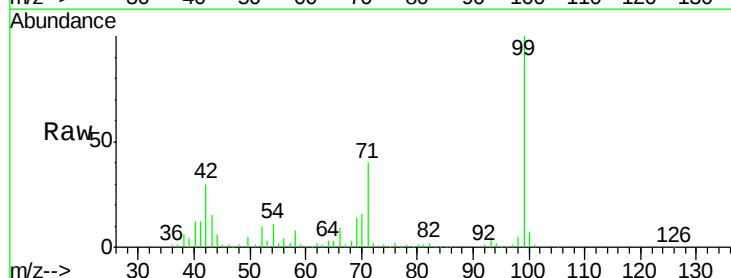
Tgt Ion: 93 Resp: 34411

Ion Ratio Lower Upper

93 100

66 173.9 39.0 58.6#

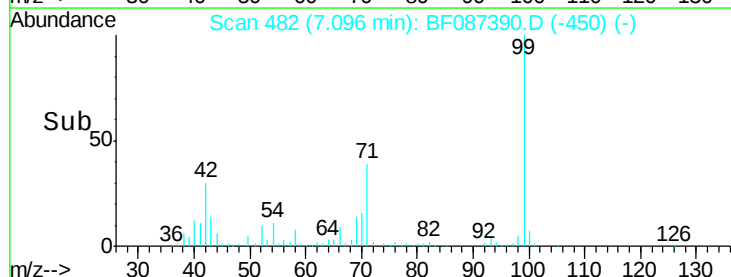
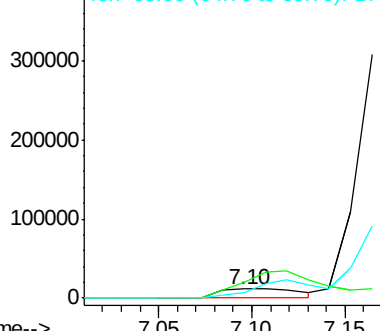
65 54.9 20.6 31.0#

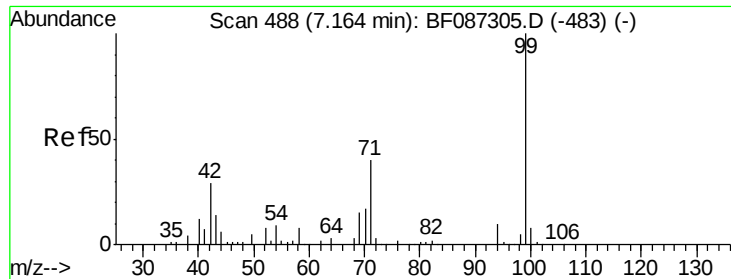


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 50.02 ng

RT: 7.10 min Scan# 482

Delta R.T. 0.02 min

Lab File: BF087390.D

Acq: 26 May 2016 1:55

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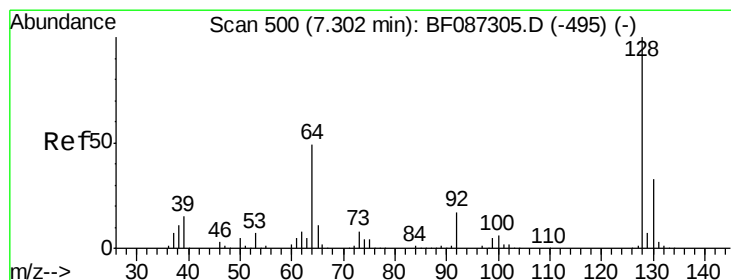
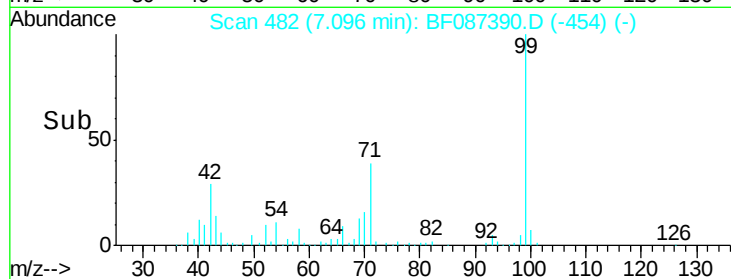
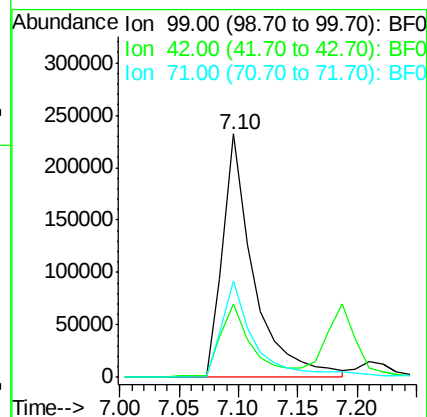
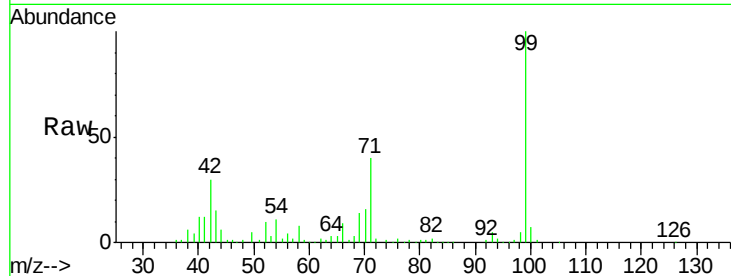
Tgt Ion: 99 Resp: 419597

Ion Ratio Lower Upper

99 100

42 29.9 13.6 20.4#

71 39.5 24.6 36.8#



#8

2-Chlorophenol

Concen: 43.40 ng

RT: 7.22 min Scan# 493

Delta R.T. 0.02 min

Lab File: BF087390.D

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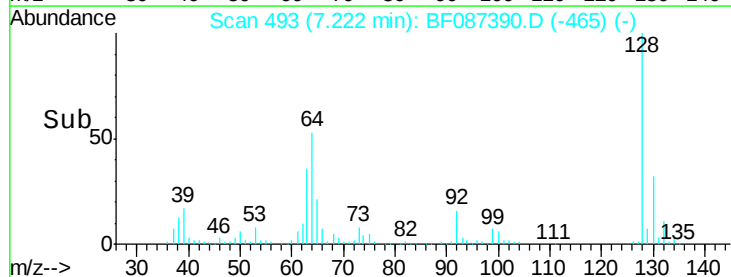
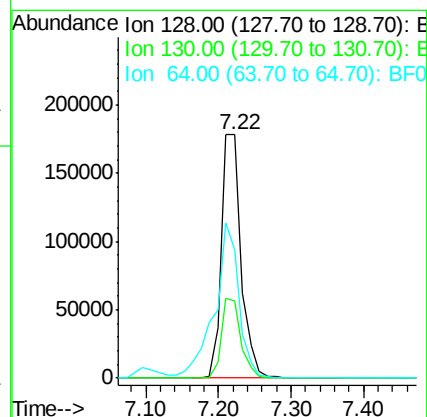
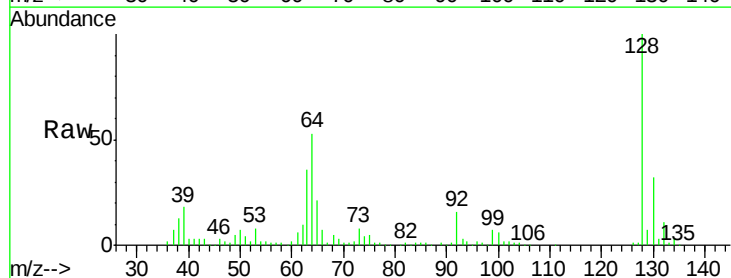
Tgt Ion: 128 Resp: 336000

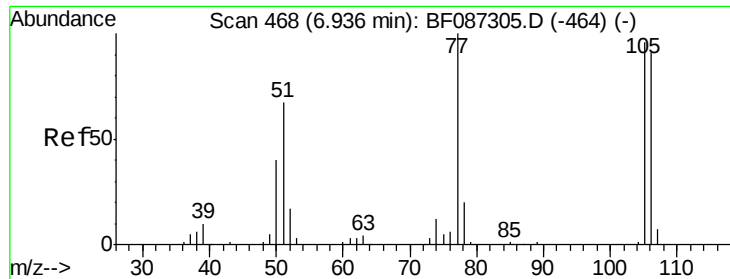
Ion Ratio Lower Upper

128 100

130 32.0 12.5 52.5

64 52.6 27.3 67.3

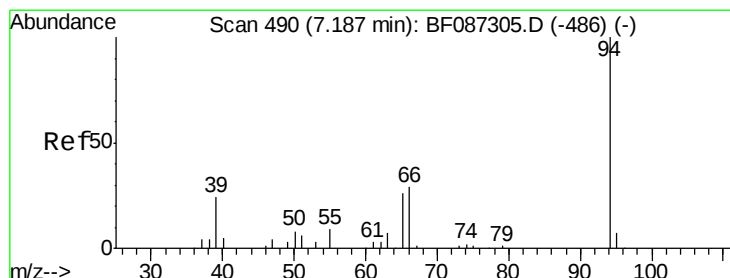
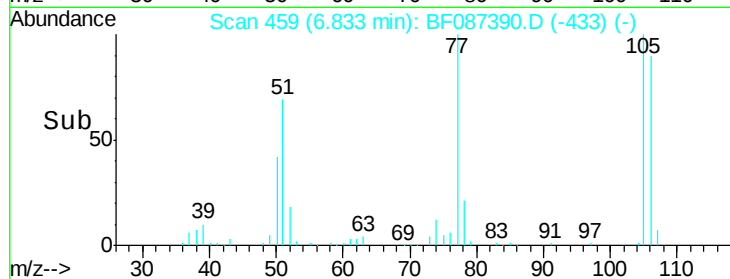
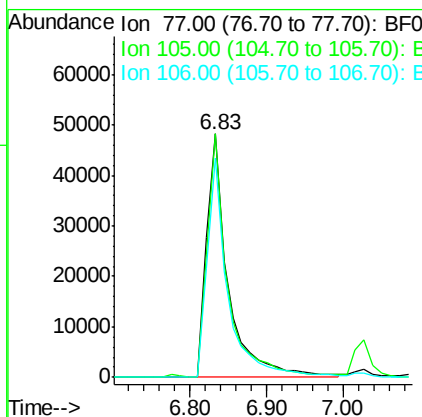
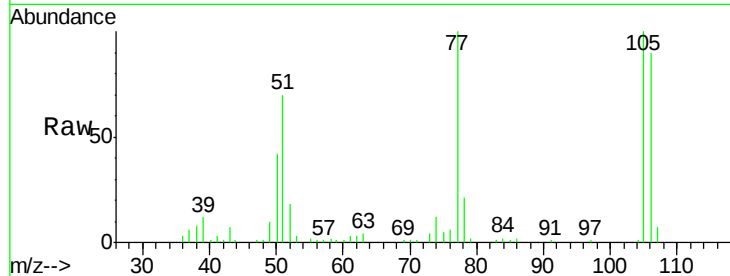




#9
Benzaldehyde
Concen: 20.31 ng
RT: 6.83 min Scan# 459
Delta R.T. -0.00 min
Lab File: BF087390.D
Acq: 26 May 2016 1:55

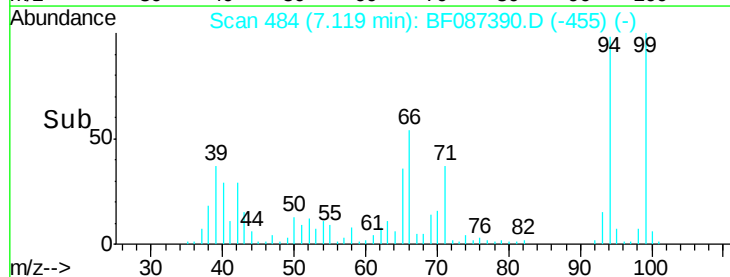
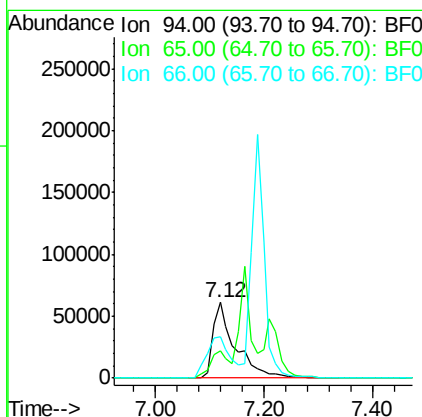
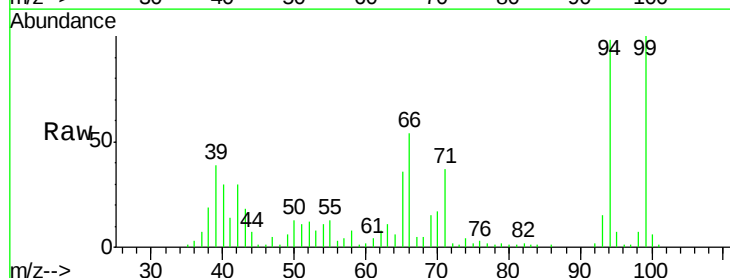
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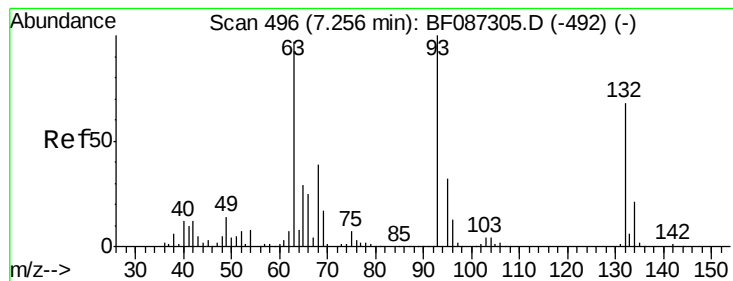
Tgt Ion: 77 Resp: 94056
Ion Ratio Lower Upper
77 100
105 100.0 72.7 112.7
106 90.2 70.8 110.8



#10
Phenol
Concen: 19.64 ng
RT: 7.12 min Scan# 484
Delta R.T. 0.03 min
Lab File: BF087390.D
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Tgt Ion: 94 Resp: 179920
Ion Ratio Lower Upper
94 100
65 36.8 7.2 47.2
66 55.2 14.9 54.9#

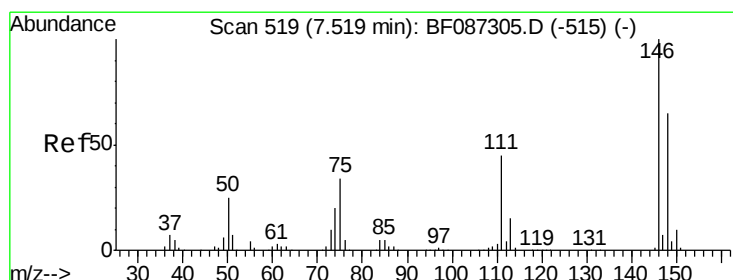
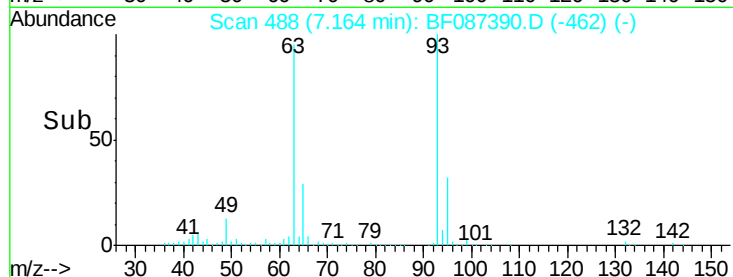
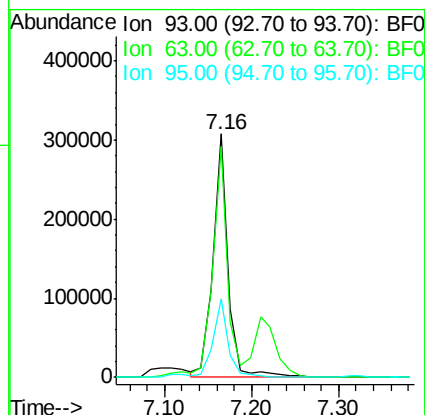
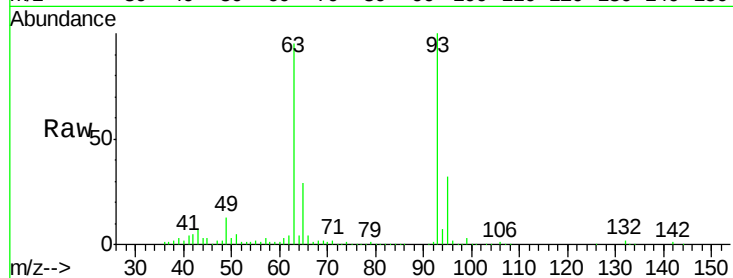




#11
 bis(2-Chloroethyl)ether
 Concen: 50.39 ng
 RT: 7.16 min Scan# 488
 Delta R.T. -0.00 min
 Lab File: BF087390.D
 Acq: 26 May 2016 1:55

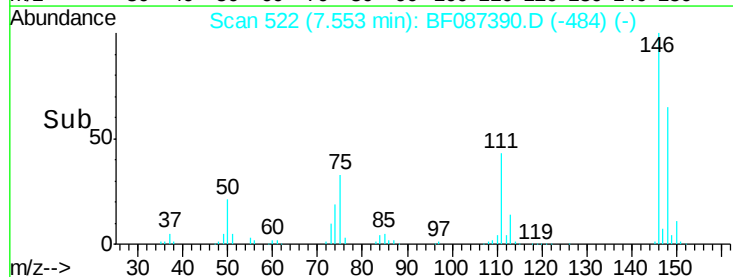
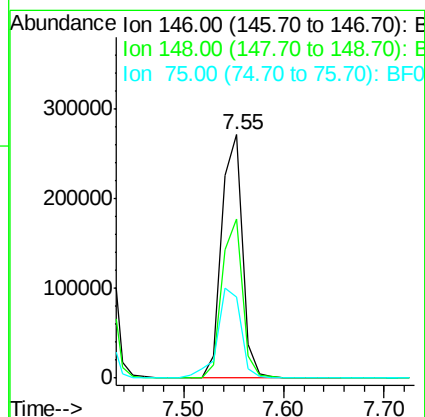
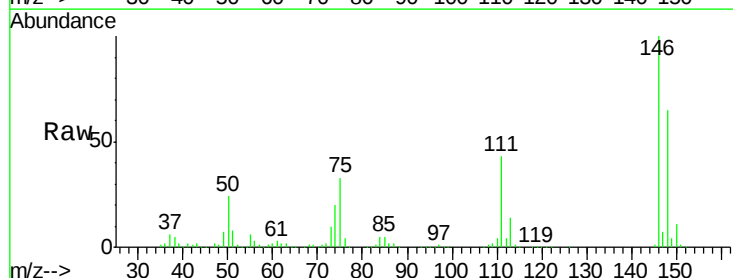
Instrument :
 BNA_F
 ClientSampleId :
 DAY-1MS

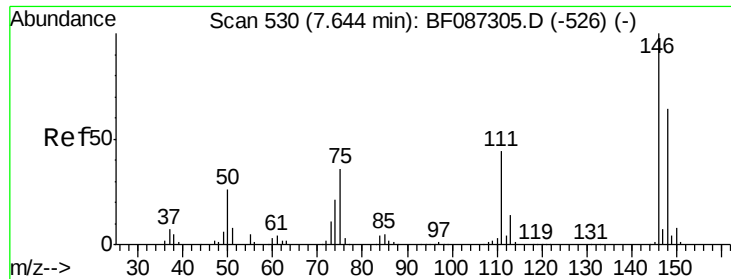
Tgt Ion: 93 Resp: 373586
 Ion Ratio Lower Upper
 93 100
 63 94.9 58.0 98.0
 95 32.4 11.9 51.9



#12
 1,3-Dichlorobenzene
 Concen: 46.35 ng
 RT: 7.55 min Scan# 522
 Delta R.T. 0.14 min
 Lab File: BF087390.D
 Acq: 26 May 2016 1:55

Tgt Ion: 146 Resp: 391368
 Ion Ratio Lower Upper
 146 100
 148 65.5 52.4 78.6
 75 33.5 22.8 34.2

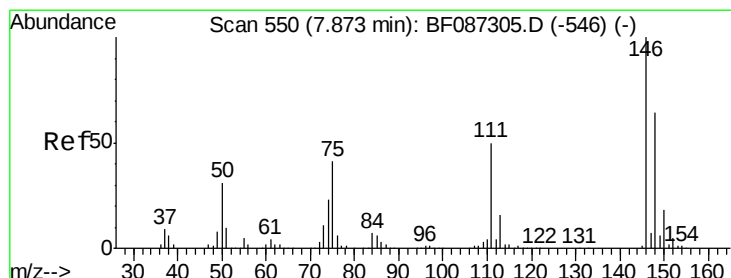
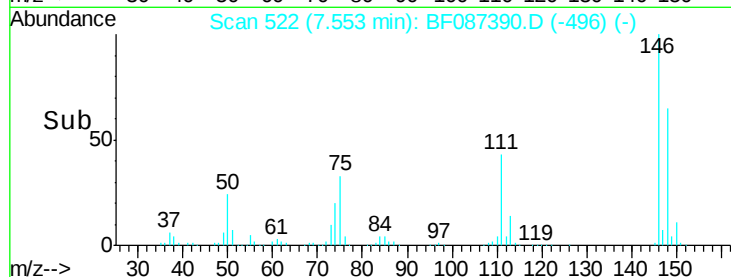
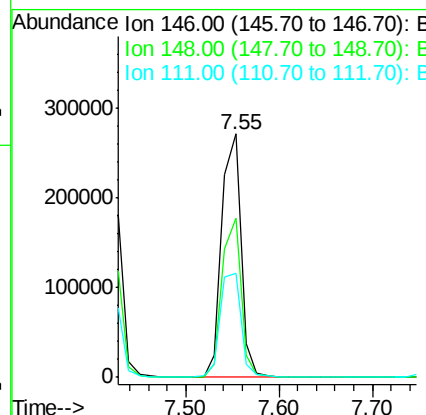
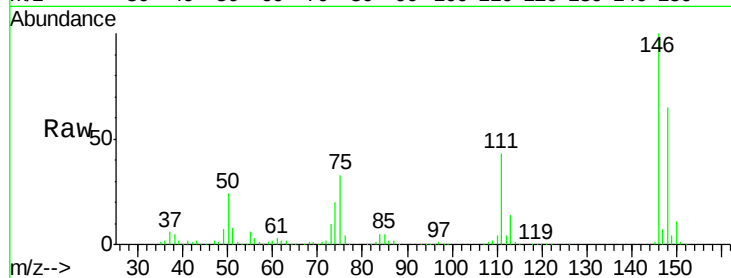




#13
 1,4-Dichlorobenzene
 Concen: 45.15 ng
 RT: 7.55 min Scan# 522
 Delta R.T. -0.00 min
 Lab File: BF087390.D
 Acq: 26 May 2016 1:55

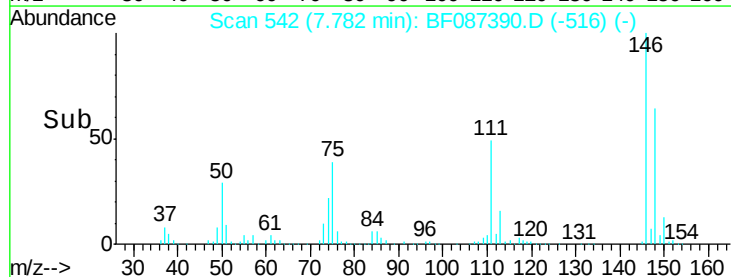
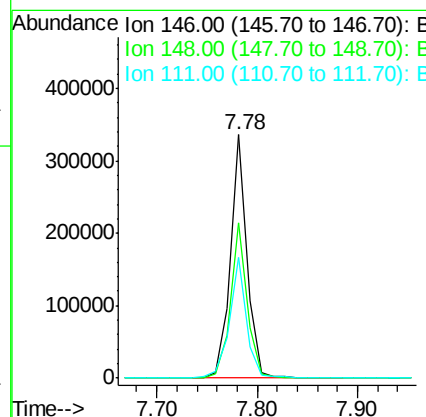
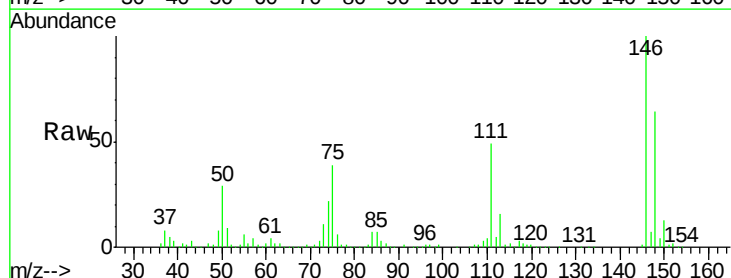
Instrument :
 BNA_F
 ClientSampleId :
 DAY-1MS

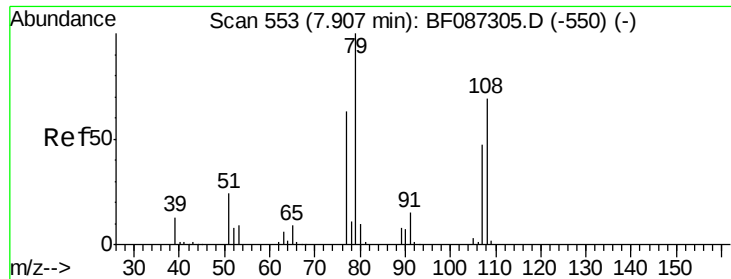
Tgt Ion:146 Resp: 391378
 Ion Ratio Lower Upper
 146 100
 148 65.5 52.2 78.4
 111 42.9 30.7 46.1



#14
 1,2-Dichlorobenzene
 Concen: 47.95 ng
 RT: 7.78 min Scan# 542
 Delta R.T. -0.00 min
 Lab File: BF087390.D
 Acq: 26 May 2016 1:55

Tgt Ion:146 Resp: 384466
 Ion Ratio Lower Upper
 146 100
 148 63.8 51.0 76.6
 111 49.4 36.2 54.4





#15

Benzyl Alcohol

Concen: 33.47 ng

RT: 7.83 min Scan# 546

Delta R.T. 0.01 min

Lab File: BF087390.D

Acq: 26 May 2016 1:55

Instrument :

BNA_F

ClientSampleId :

DAY-1MS

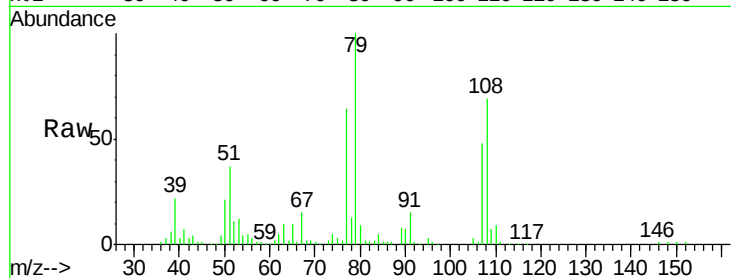
Tgt Ion: 79 Resp: 204679

Ion Ratio Lower Upper

79 100

108 69.3 68.4 102.6

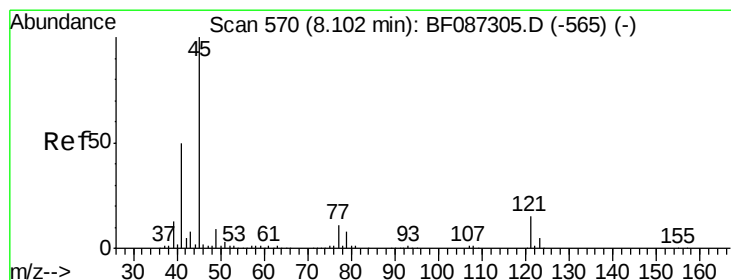
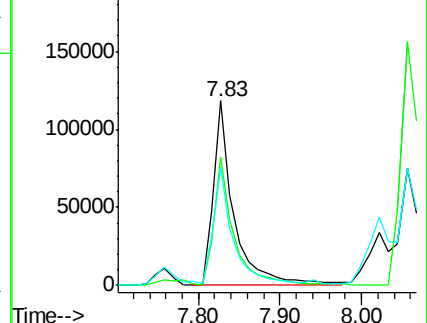
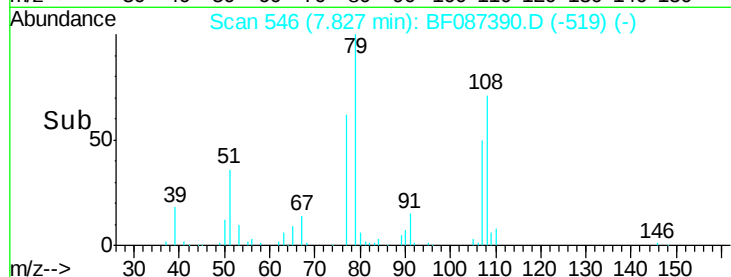
77 64.0 50.6 76.0



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: 46.23 ng

RT: 8.02 min Scan# 563

Delta R.T. 0.01 min

Lab File: BF087390.D

Acq: 26 May 2016 1:55

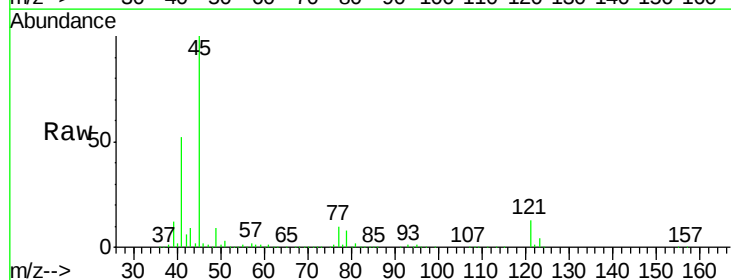
Tgt Ion: 45 Resp: 771208

Ion Ratio Lower Upper

45 100

77 9.9 0.0 36.4

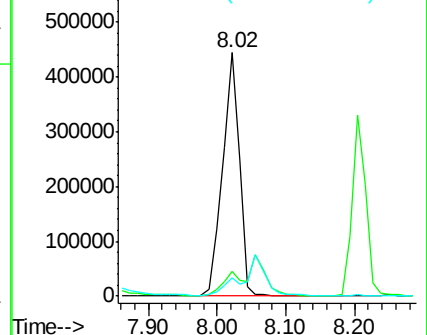
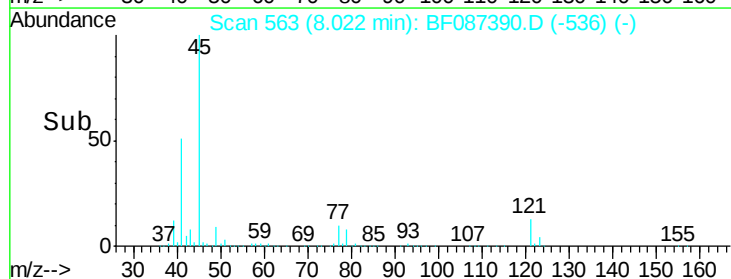
79 7.7 0.0 33.4

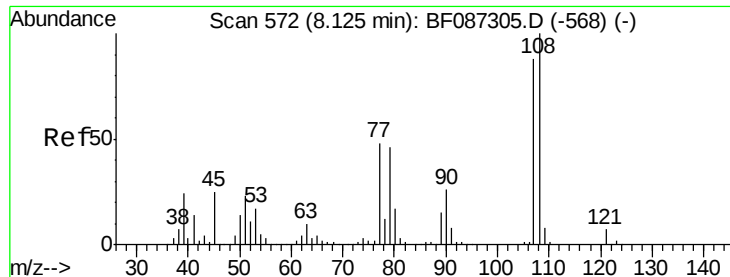


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0





#17

2-Methylphenol

Concen: 37.22 ng

RT: 8.06 min Scan# 566

Delta R.T. 0.02 min

Lab File: BF087390.D

Acq: 26 May 2016 1:55

Instrument :

BNA_F

ClientSampleId :

DAY-1MS

Tgt Ion:107 Resp: 230910

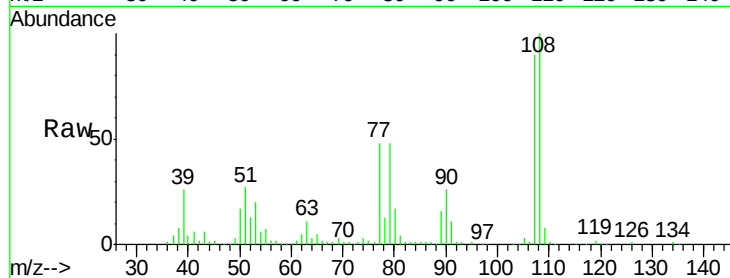
Ion Ratio Lower Upper

107 100

108 110.8 93.7 140.5

77 53.0 33.4 50.0#

79 53.0 34.3 51.5#

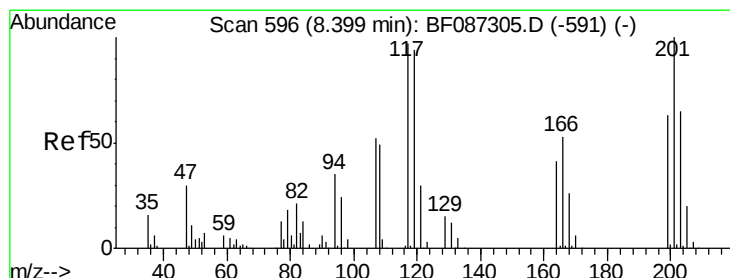
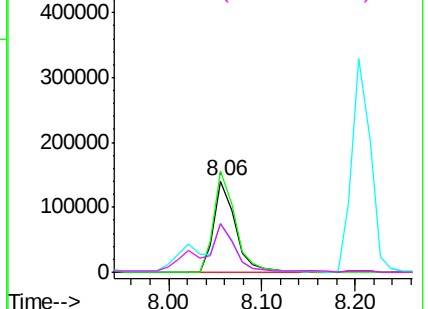
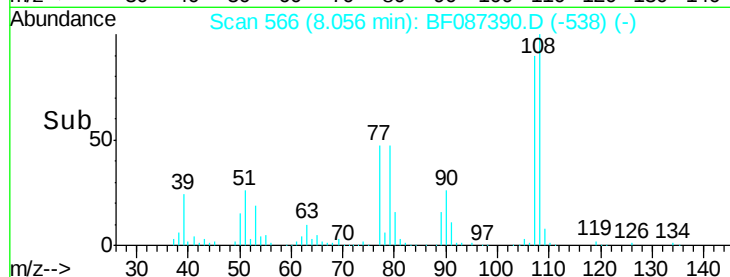


Abundance Ion 107.00 (106.70 to 107.70): E

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: 36.92 ng

RT: 8.30 min Scan# 587

Delta R.T. -0.00 min

Lab File: BF087390.D

Acq: 26 May 2016 1:55

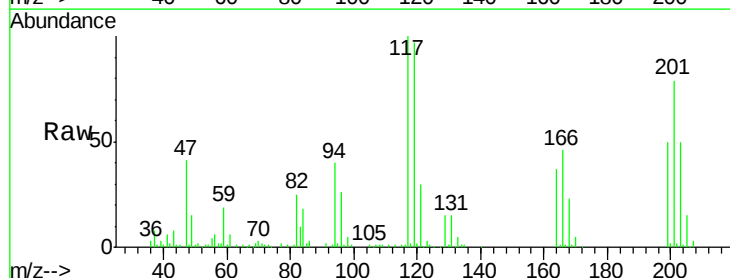
Tgt Ion:117 Resp: 119384

Ion Ratio Lower Upper

117 100

119 96.8 76.5 114.7

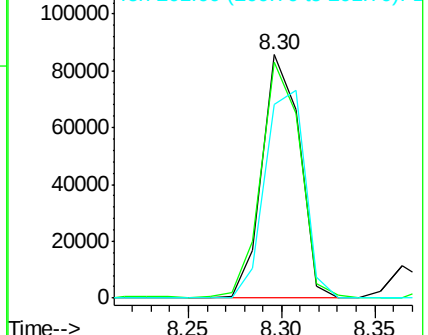
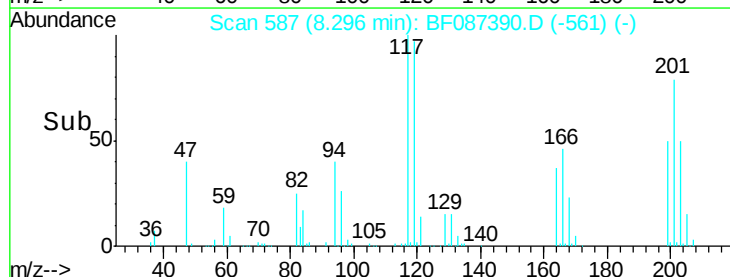
201 79.4 63.0 94.6

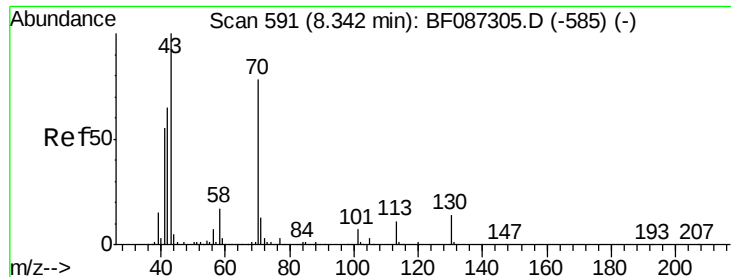


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

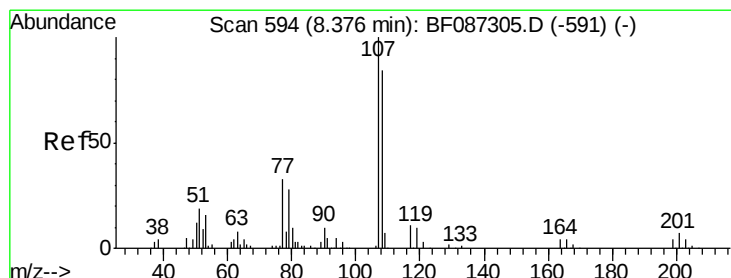
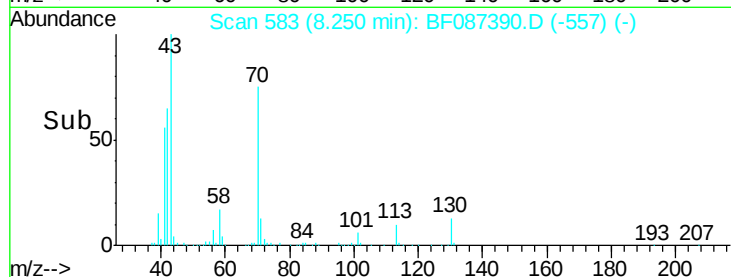
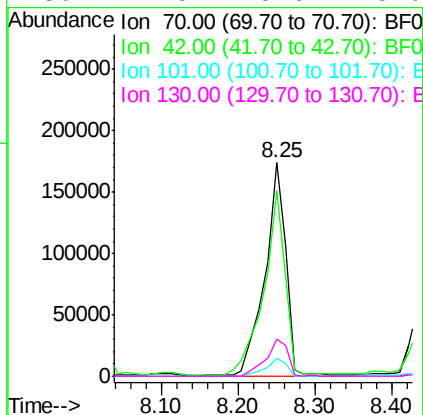
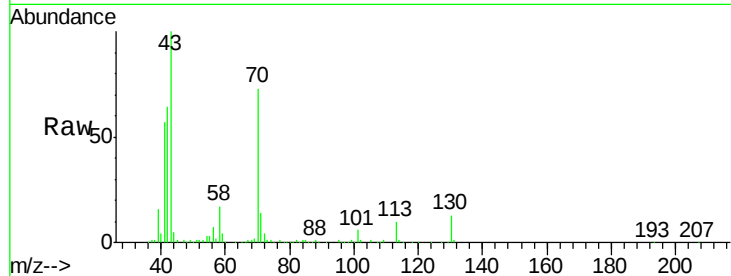




#19
n-Nitroso-di-n-propylamine
Concen: 51.33 ng
RT: 8.25 min Scan# 583
Delta R.T. -0.00 min
Lab File: BF087390.D
Acq: 26 May 2016 1:55

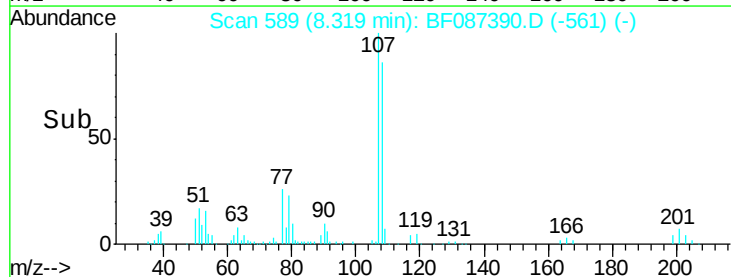
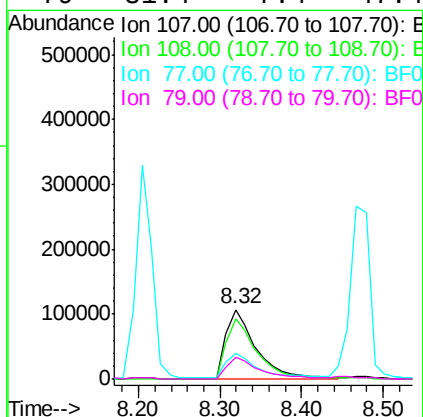
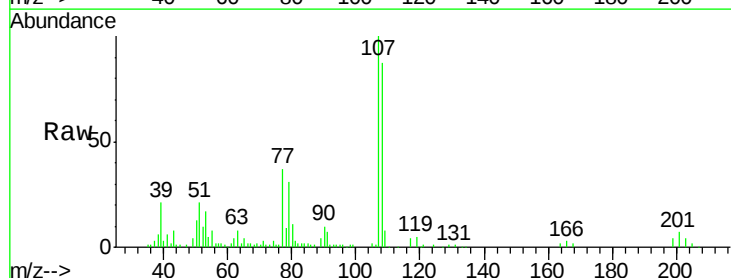
Instrument :
BNA_F
ClientSampleId :
DAY-1MS

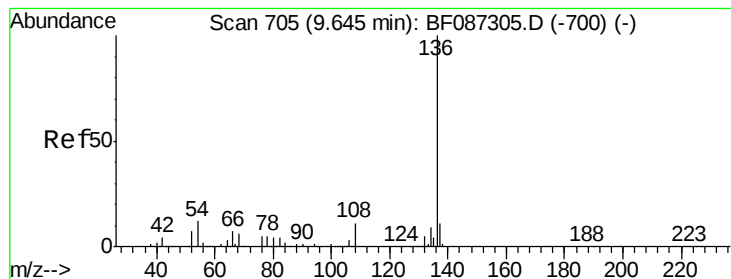
Tgt Ion: 70 Resp: 321114
Ion Ratio Lower Upper
70 100
42 87.0 43.1 64.7#
101 8.6 8.1 12.1
130 17.5 18.6 28.0#



#20
3+4-Methylphenols
Concen: 36.43 ng
RT: 8.32 min Scan# 589
Delta R.T. 0.02 min
Lab File: BF087390.D
Acq: 26 May 2016 1:55

Tgt Ion: 107 Resp: 273199
Ion Ratio Lower Upper
107 100
108 86.6 68.5 108.5
77 36.6 101.6 141.6#
79 31.4 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: BF087390.D

Acq: 26 May 2016 1:55

Instrument :

BNA_F

ClientSampleId :

DAY-1MS

Tgt Ion:136 Resp: 414860

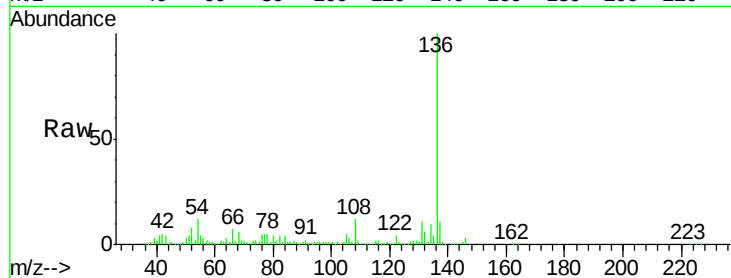
Ion Ratio Lower Upper

136 100

137 10.9 8.8 13.2

54 12.3 5.0 7.4#

68 6.2 4.4 6.6

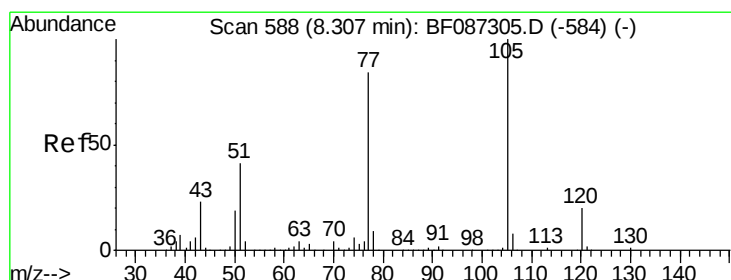
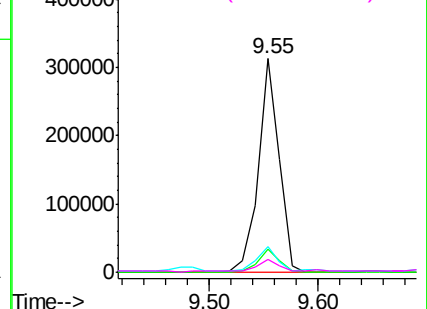
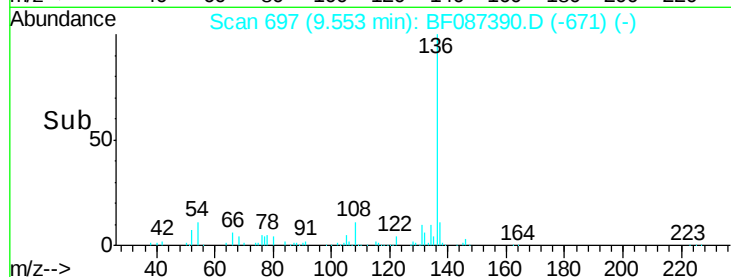


Abundance Ion 136.00 (135.70 to 136.70): E

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: 57.11 ng

RT: 8.20 min Scan# 579

Delta R.T. -0.01 min

Lab File: BF087390.D

Acq: 26 May 2016 1:55

Tgt Ion:105 Resp: 566022

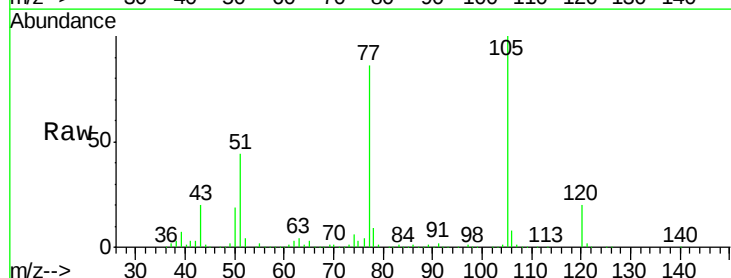
Ion Ratio Lower Upper

105 100

71 0.3 4.8 7.2#

51 43.9 32.6 49.0

120 19.9 16.5 24.7

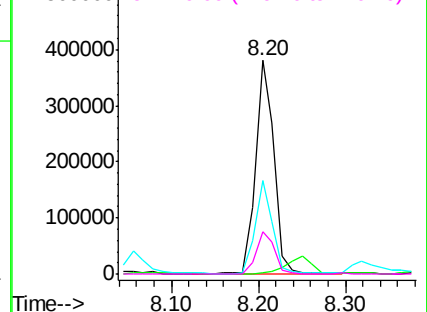
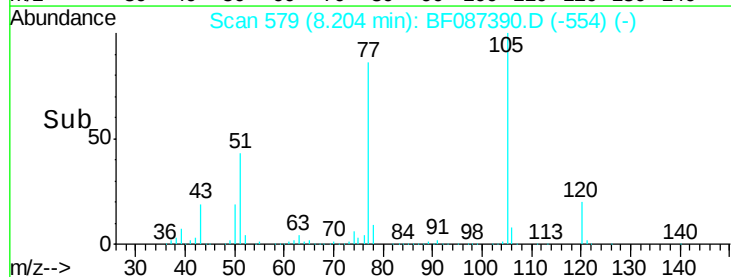


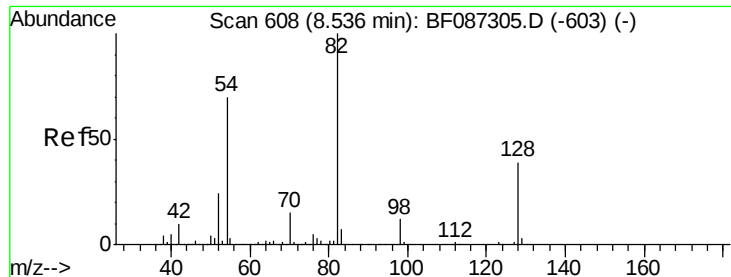
Abundance Ion 105.00 (104.70 to 105.70): E

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

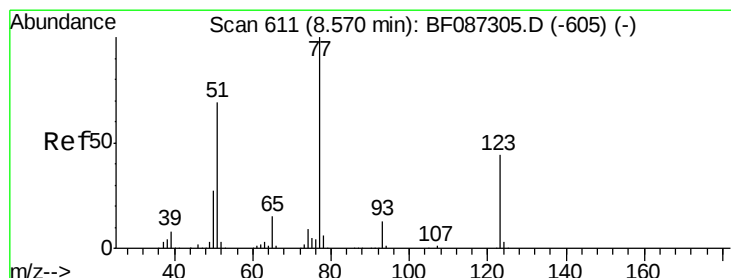
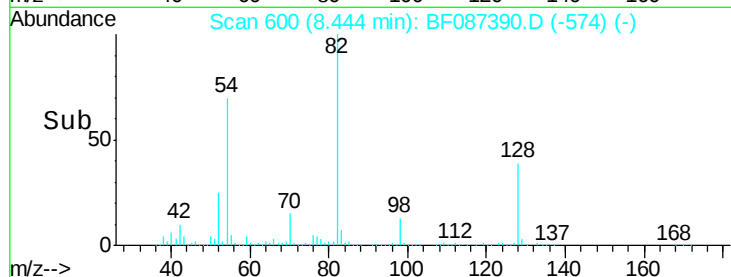
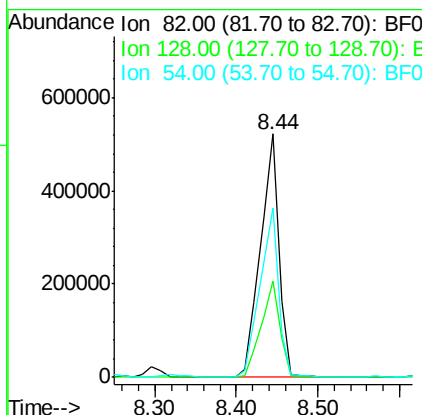
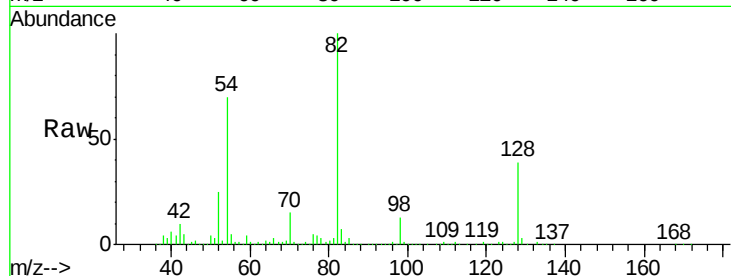




#23
Nitrobenzene-d5
Concen: 102.07 ng
RT: 8.44 min Scan# 600
Delta R.T. -0.00 min
Lab File: BF087390.D
Acq: 26 May 2016 1:55

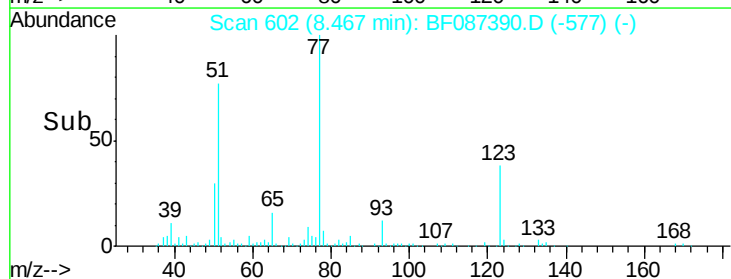
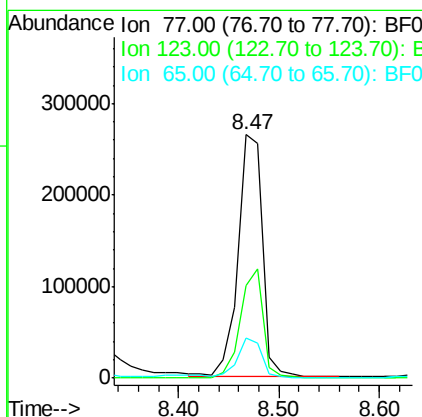
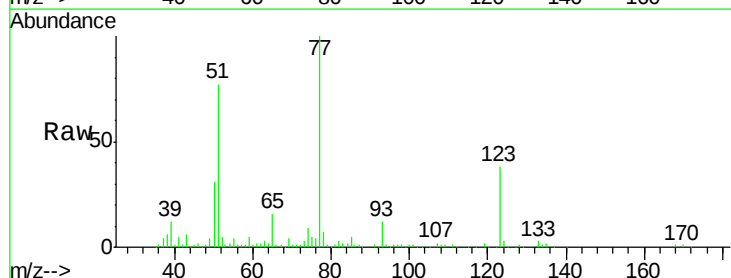
Instrument :
BNA_F
ClientSampleId :
DAY-1MS

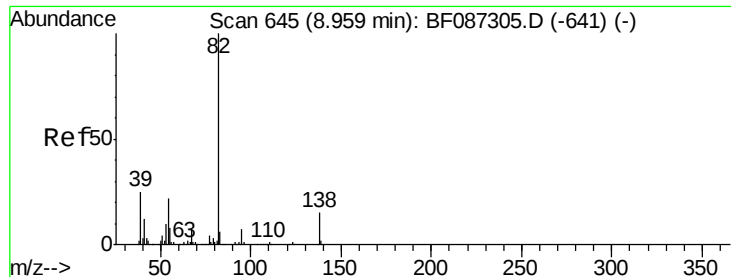
Tgt Ion	Ratio	Lower	Upper
82	100		
128	39.4	40.6	61.0#
54	69.7	38.1	57.1#



#24
Nitrobenzene
Concen: 51.47 ng
RT: 8.47 min Scan# 602
Delta R.T. -0.01 min
Lab File: BF087390.D
Acq: 26 May 2016 1:55

Tgt Ion	Ratio	Lower	Upper
77	100		
123	37.9	33.0	49.4
65	16.3	10.8	16.2#





#25

Isophorone

Concen: 52.09 ng

RT: 8.88 min Scan# 638

Delta R.T. -0.00 min

Lab File: BF087390.D

Acq: 26 May 2016 1:55

Instrument :

BNA_F

ClientSampleId :

DAY-1MS

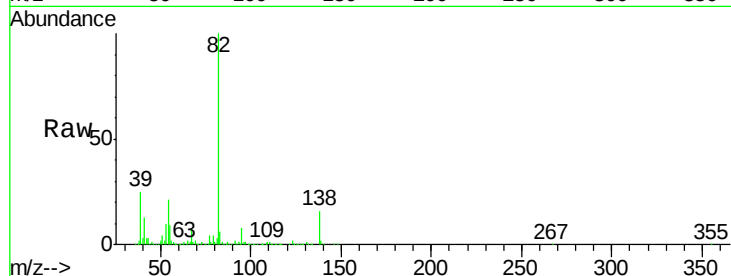
Tgt Ion: 82 Resp: 768958

Ion Ratio Lower Upper

82 100

95 8.0 5.1 7.7#

138 16.1 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

600000

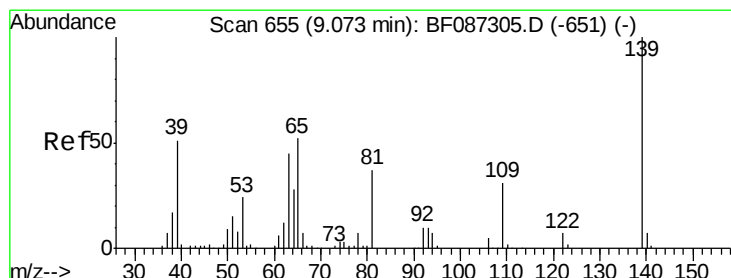
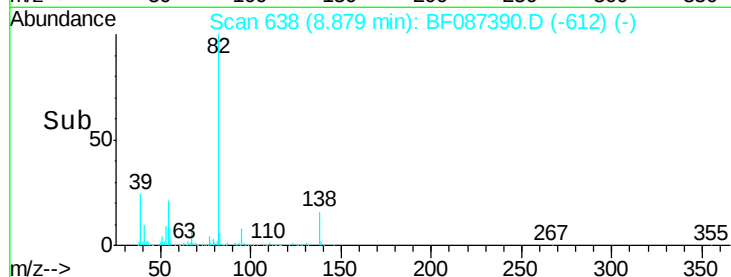
400000

200000

0

8.88

Time-->



#26

2-Nitrophenol

Concen: 52.03 ng

RT: 8.98 min Scan# 647

Delta R.T. -0.00 min

Lab File: BF087390.D

Acq: 26 May 2016 1:55

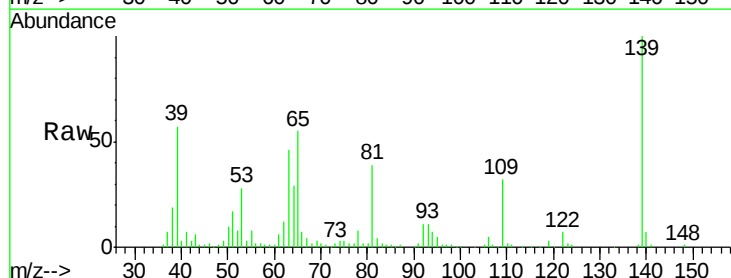
Tgt Ion: 139 Resp: 184800

Ion Ratio Lower Upper

139 100

109 31.7 19.5 29.3#

65 54.7 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

150000

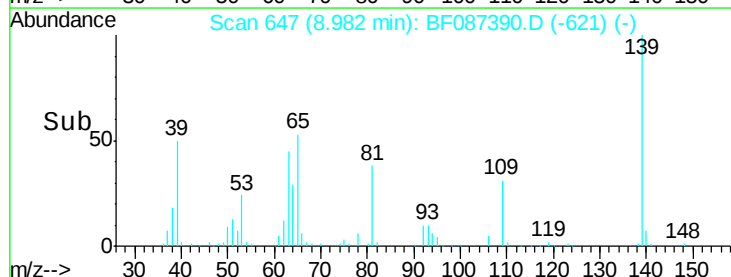
100000

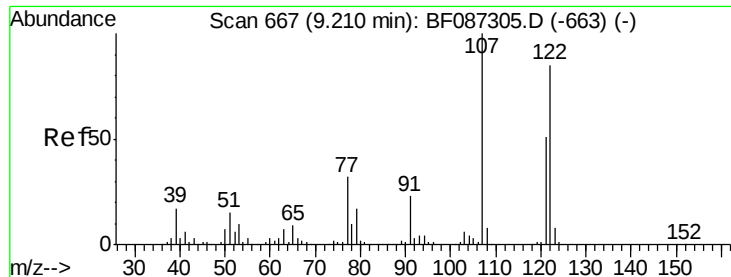
50000

0

8.98

Time-->

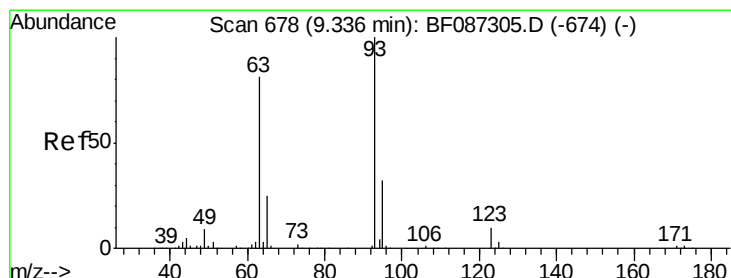
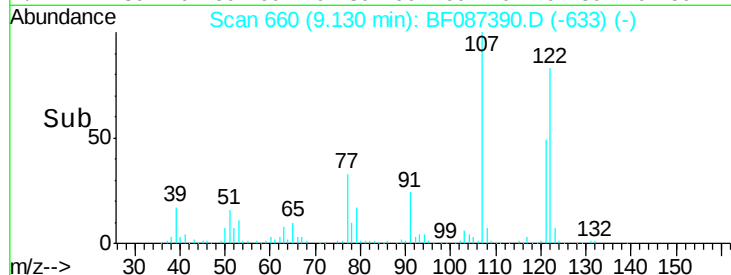
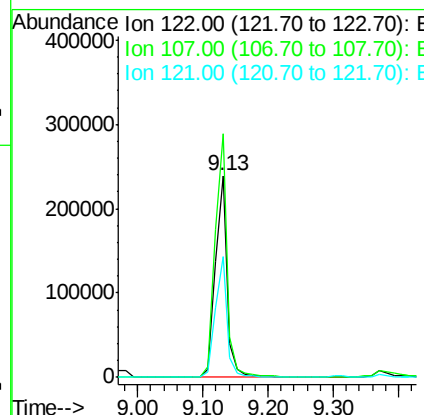
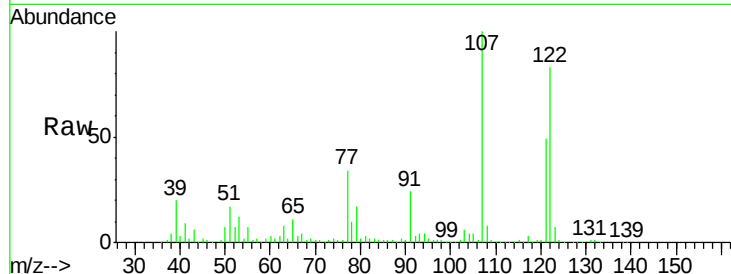




#27
 2,4-Dimethylphenol
 Concen: 49.97 ng
 RT: 9.13 min Scan# 660
 Delta R.T. 0.01 min
 Lab File: BF087390.D
 Acq: 26 May 2016 1:55

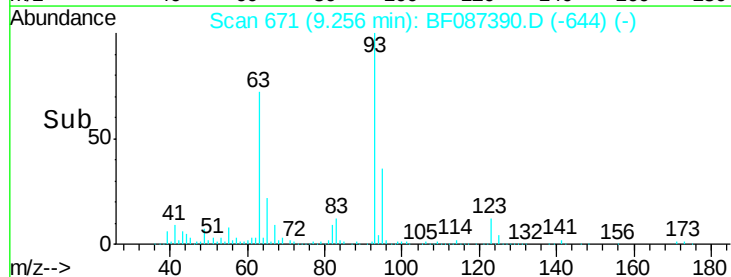
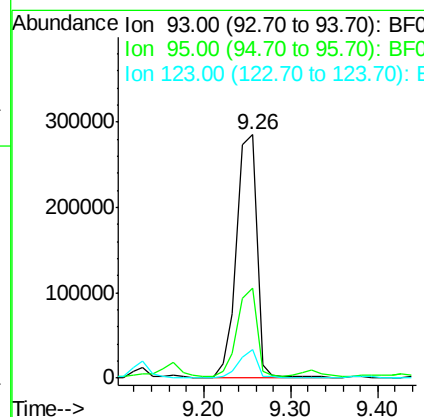
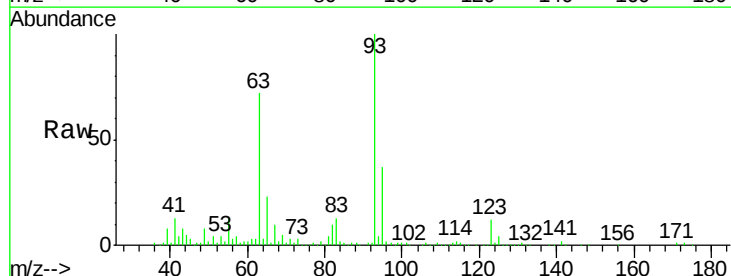
Instrument :
 BNA_F
 ClientSampleId :
 DAY-1MS

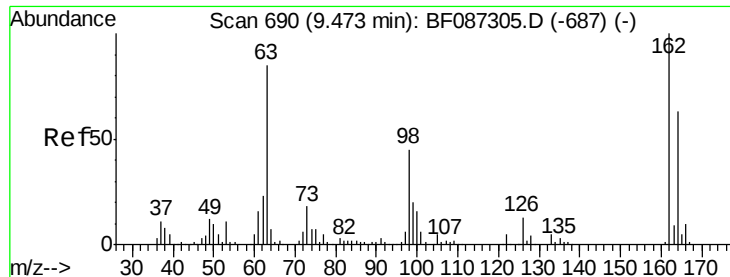
Tgt Ion	Ratio	Lower	Upper
122	100		
107	120.8	82.0	123.0
121	59.6	46.1	69.1



#28
 bis(2-Chloroethoxy)methane
 Concen: 55.52 ng
 RT: 9.26 min Scan# 671
 Delta R.T. 0.01 min
 Lab File: BF087390.D
 Acq: 26 May 2016 1:55

Tgt Ion	Ratio	Lower	Upper
93	100		
95	36.9	26.0	39.0
123	11.9	9.5	14.3

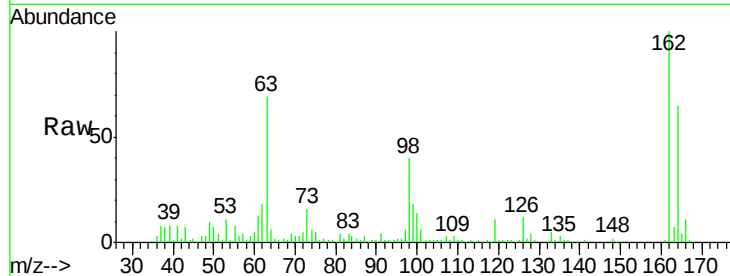




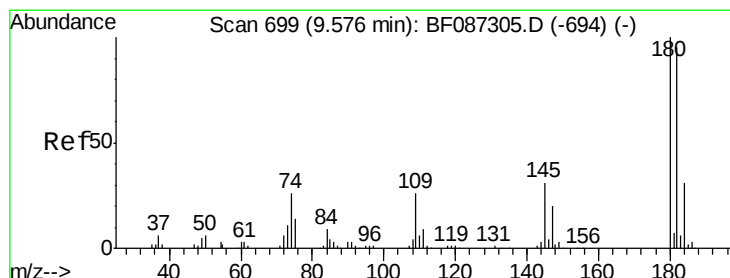
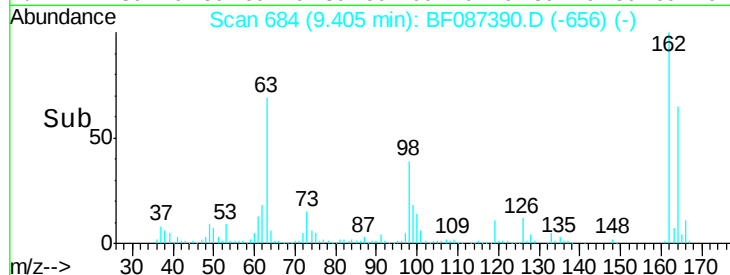
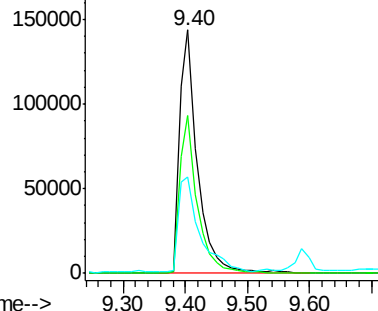
#29
 2,4-Dichlorophenol
 Concen: 51.16 ng
 RT: 9.40 min Scan# 684
 Delta R.T. 0.02 min
 Lab File: BF087390.D
 Acq: 26 May 2016 1:55

Instrument :
 BNA_F
 ClientSampleId :
 DAY-1MS

Tgt Ion	Ratio	Lower	Upper
162	100		
164	64.6	42.2	82.2
98	39.8	19.0	59.0

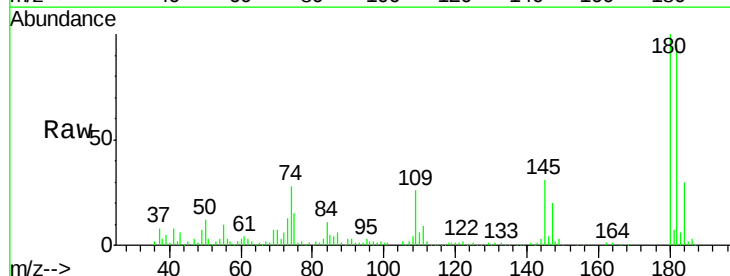


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

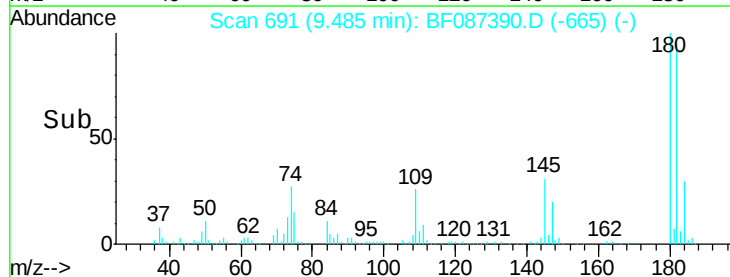
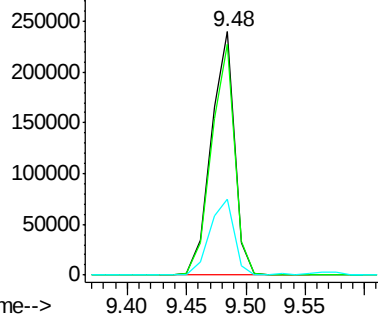


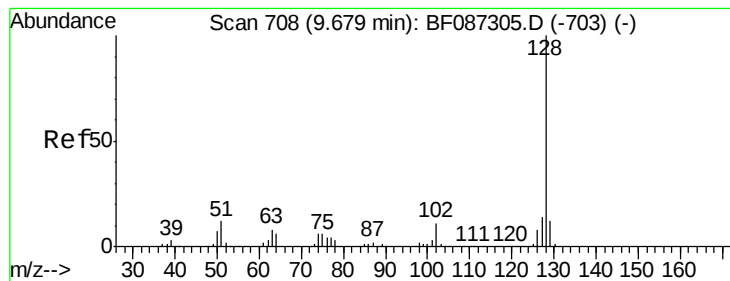
#30
 1,2,4-Trichlorobenzene
 Concen: 51.38 ng
 RT: 9.48 min Scan# 691
 Delta R.T. -0.00 min
 Lab File: BF087390.D
 Acq: 26 May 2016 1:55

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.6	78.0	117.0
145	31.4	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: 50.91 ng

RT: 9.59 min Scan# 700

Delta R.T. -0.00 min

Lab File: BF087390.D

Acq: 26 May 2016 1:55

Instrument :

BNA_F

ClientSampleId :

DAY-1MS

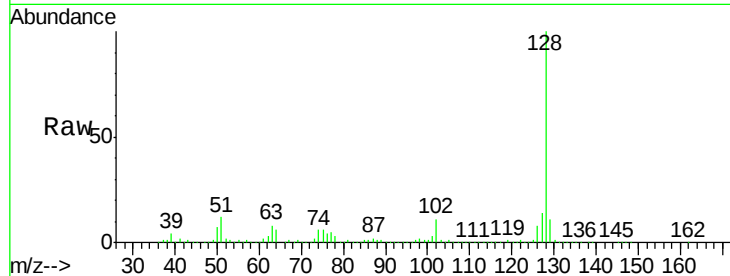
Tgt Ion:128 Resp: 1058421

Ion Ratio Lower Upper

128 100

129 11.3 8.6 13.0

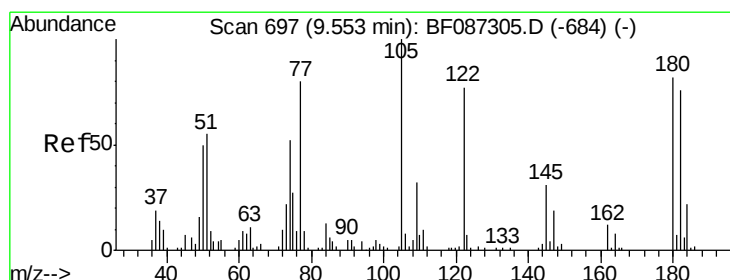
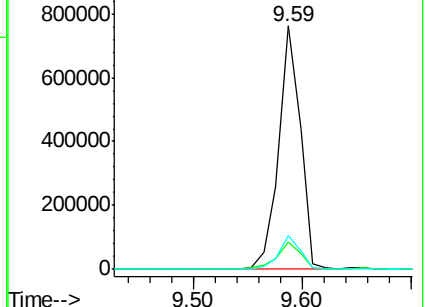
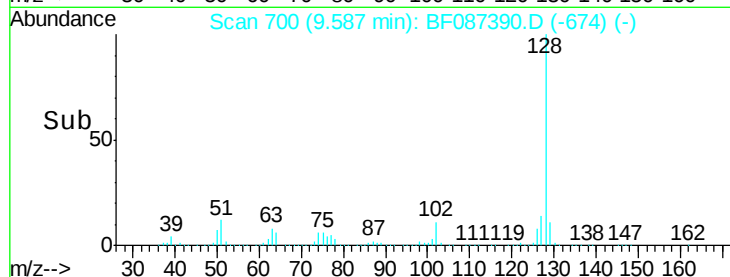
127 13.6 10.8 16.2



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: 10.18 ng

RT: 9.37 min Scan# 681

Delta R.T. -0.08 min

Lab File: BF087390.D

Acq: 26 May 2016 1:55

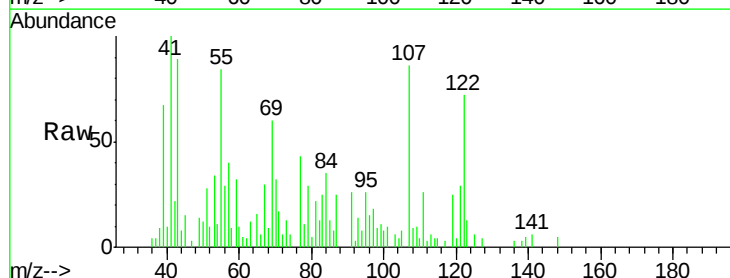
Tgt Ion:122 Resp: 15741

Ion Ratio Lower Upper

122 100

105 11.3 92.6 132.6#

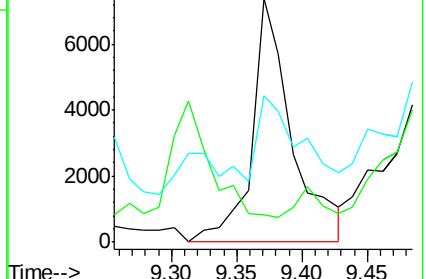
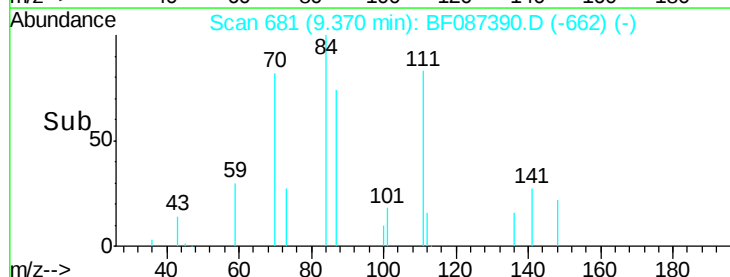
77 60.3 60.0 100.0

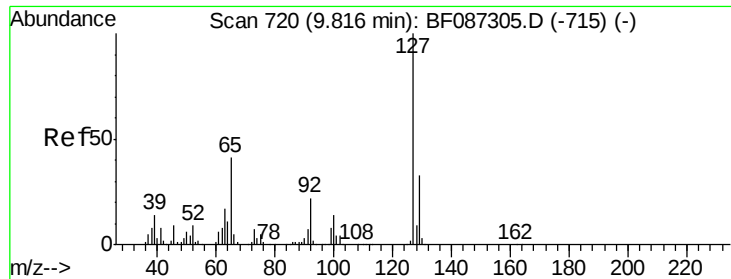


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

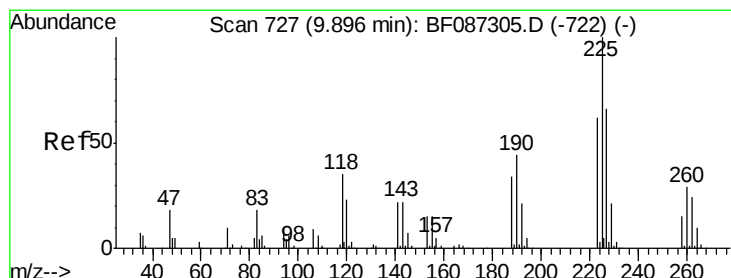
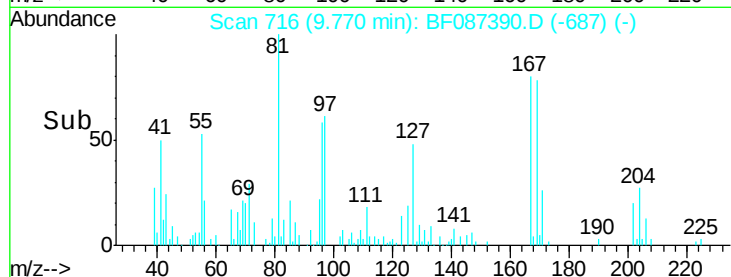
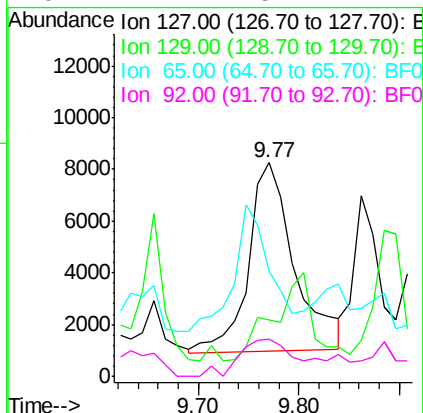
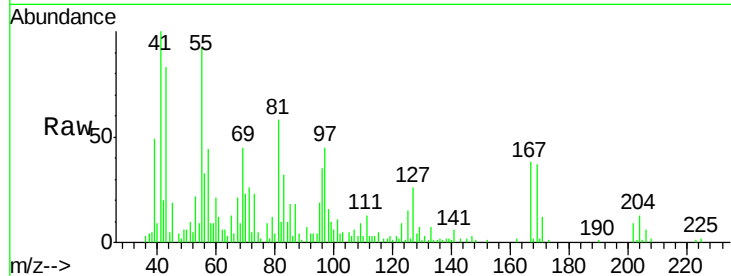




#33
4-Chloroaniline
Concen: 3.02 ng
RT: 9.77 min Scan# 716
Delta R.T. 0.03 min
Lab File: BF087390.D
Acq: 26 May 2016 1:55

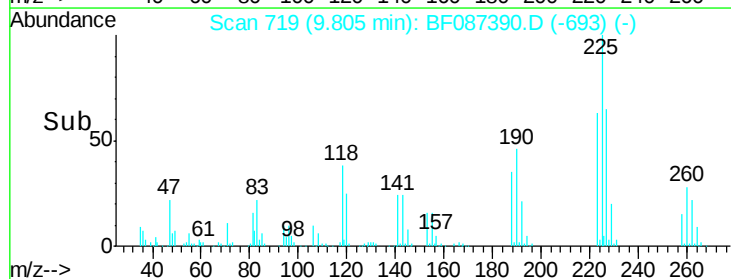
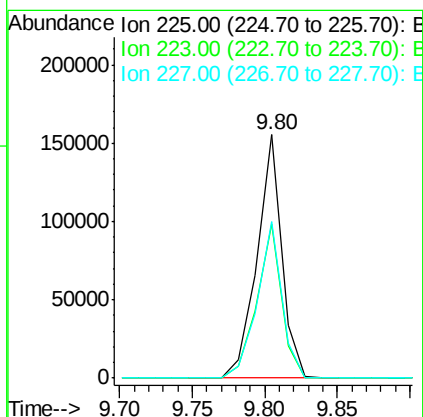
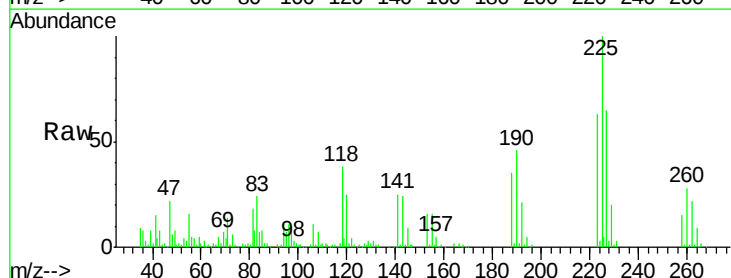
Instrument :
BNA_F
ClientSampleId :
DAY-1MS

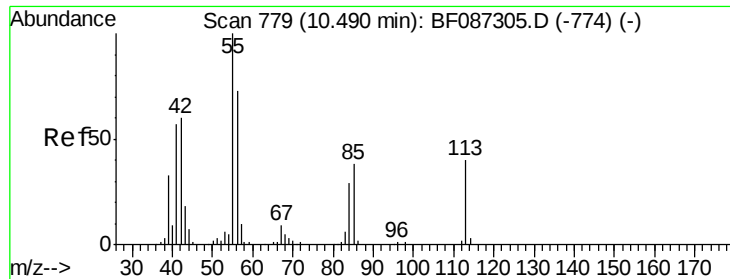
Tgt Ion:	127	Resp:	23086
Ion	Ratio	Lower	Upper
127	100		
129	26.6	26.2	39.4
65	49.0	23.0	34.4#
92	17.2	15.1	22.7



#34
Hexachlorobutadiene
Concen: 47.56 ng
RT: 9.80 min Scan# 719
Delta R.T. -0.00 min
Lab File: BF087390.D
Acq: 26 May 2016 1:55

Tgt Ion:	225	Resp:	183887
Ion	Ratio	Lower	Upper
225	100		
223	63.4	51.5	77.3
227	64.5	52.2	78.2

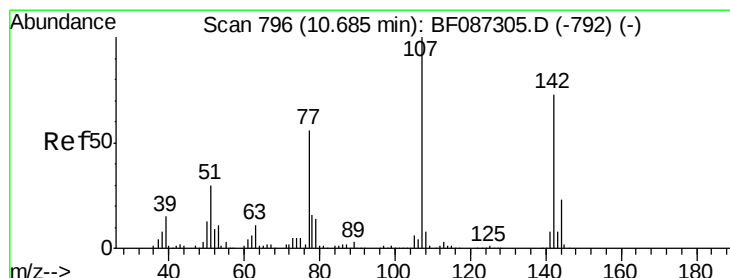
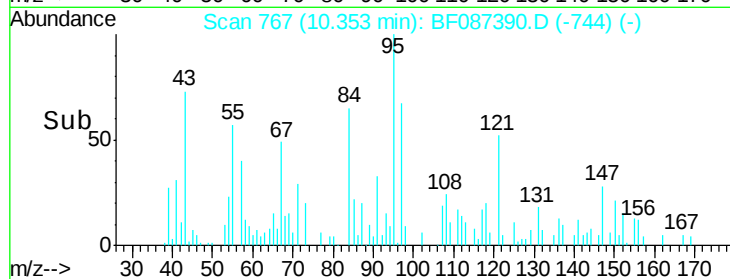
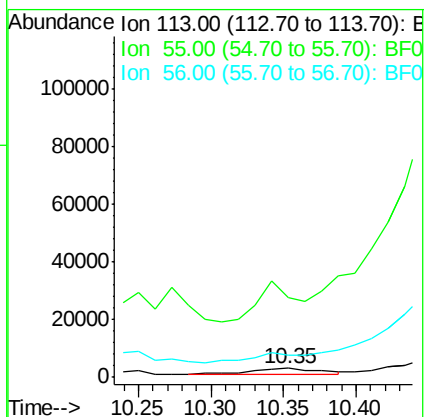
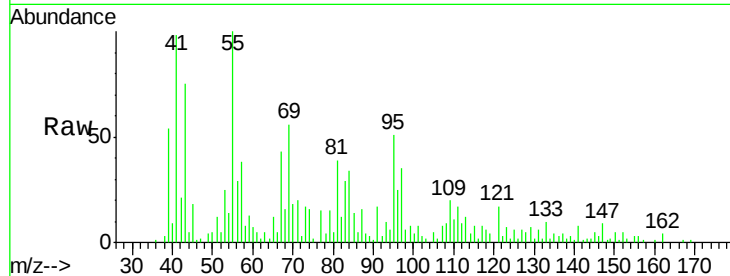




#35
 Caprolactam
 Concen: 3.77 ng
 RT: 10.35 min Scan# 767
 Delta R.T. -0.03 min
 Lab File: BF087390.D
 Acq: 26 May 2016 1:55

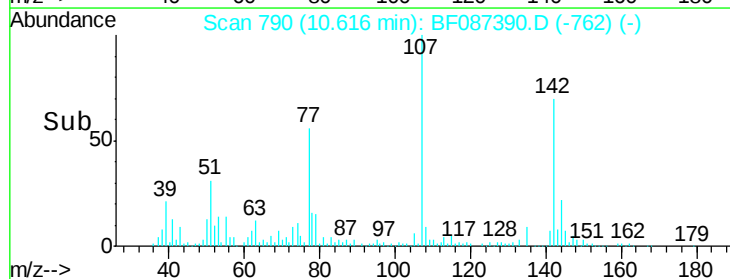
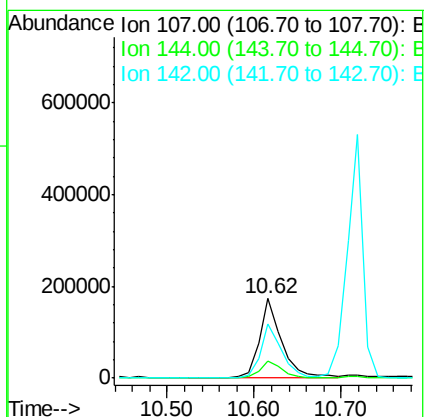
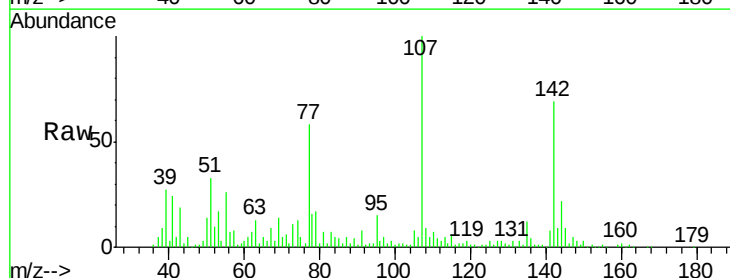
Instrument :
 BNA_F
 ClientSampleId :
 DAY-1MS

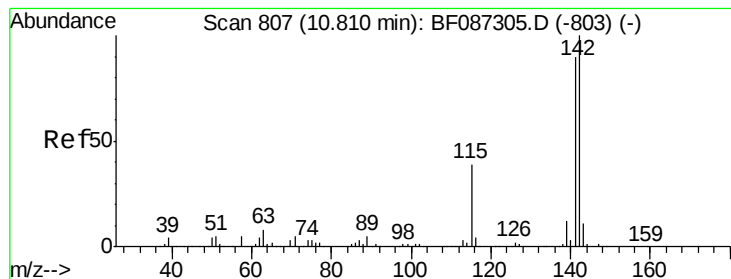
Tgt Ion:113 Resp: 6112
 Ion Ratio Lower Upper
 113 100
 55 864.4 162.0 202.0#
 56 247.1 115.3 155.3#



#36
 4-Chloro-3-methylphenol
 Concen: 47.82 ng
 RT: 10.62 min Scan# 790
 Delta R.T. 0.02 min
 Lab File: BF087390.D
 Acq: 26 May 2016 1:55

Tgt Ion:107 Resp: 300403
 Ion Ratio Lower Upper
 107 100
 144 21.9 20.7 31.1
 142 69.0 63.2 94.8





#37

2-Methylnaphthalene

Concen: 51.77 ng

RT: 10.72 min Scan# 799

Delta R.T. -0.00 min

Lab File: BF087390.D

Acq: 26 May 2016 1:55

Instrument :

BNA_F

ClientSampleId :

DAY-1MS

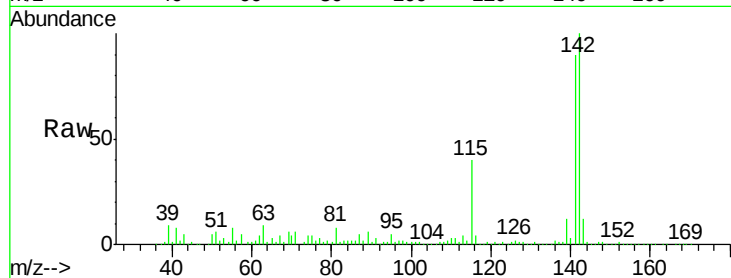
Tgt Ion:142 Resp: 672381

Ion Ratio Lower Upper

142 100

141 90.1 71.0 106.6

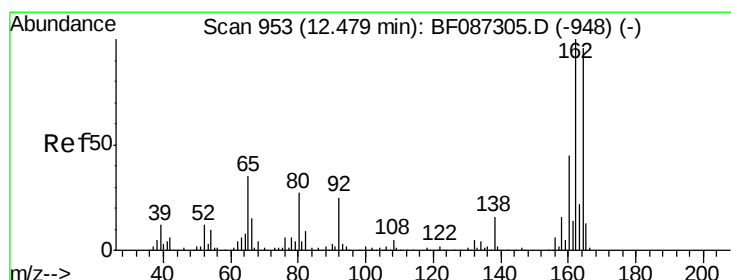
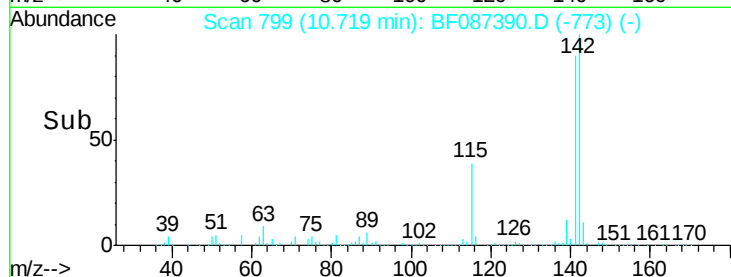
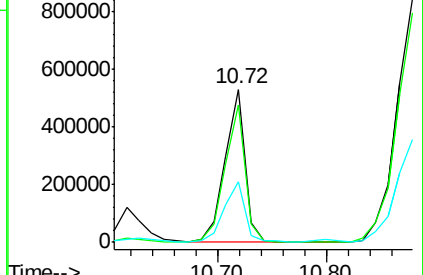
115 39.5 26.6 39.8



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: BF087390.D

Acq: 26 May 2016 1:55

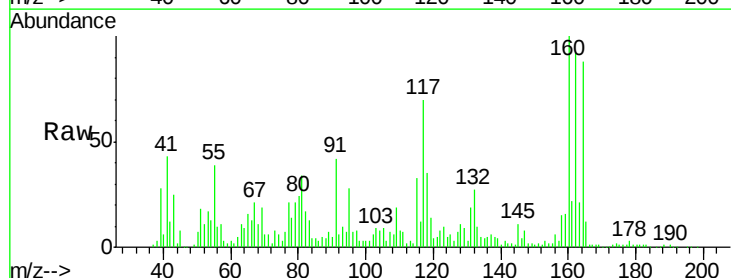
Tgt Ion:164 Resp: 189781

Ion Ratio Lower Upper

164 100

162 104.7 82.8 124.2

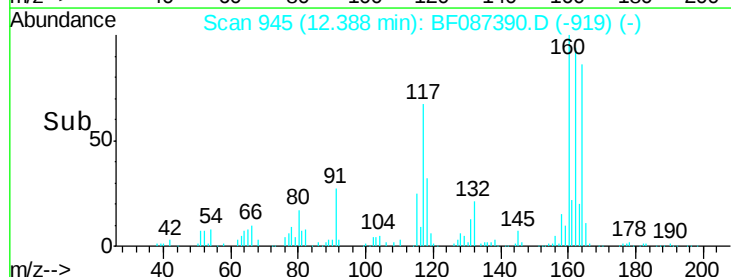
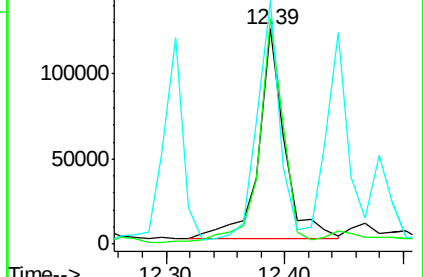
160 113.3 36.9 55.3#

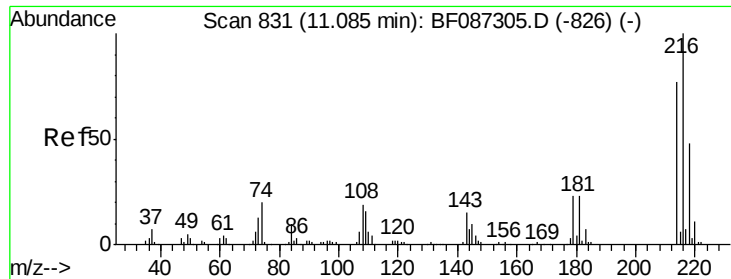


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

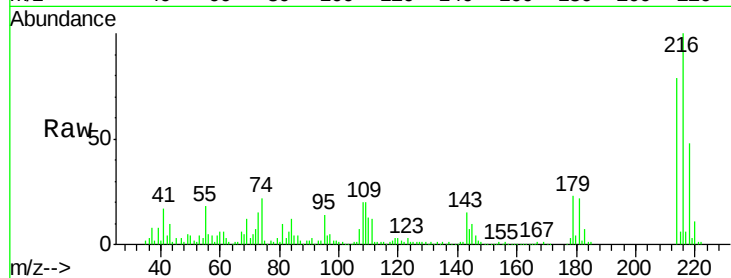




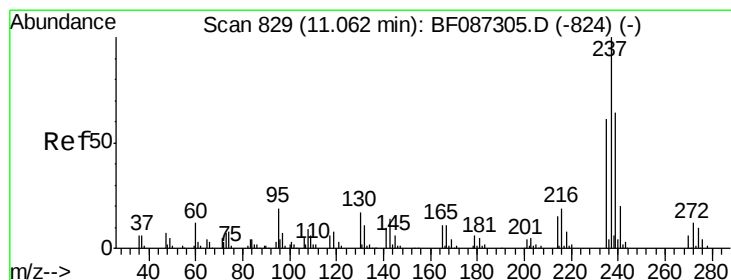
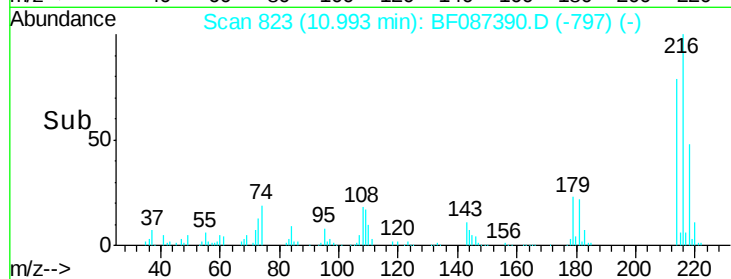
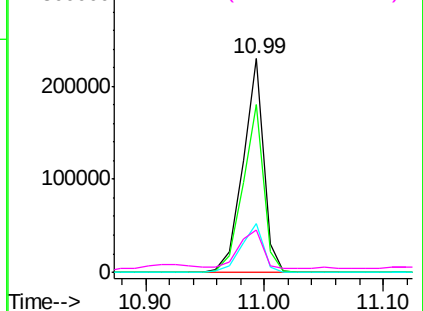
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 45.87 ng
 RT: 10.99 min Scan# 823
 Delta R.T. -0.00 min
 Lab File: BF087390.D
 Acq: 26 May 2016 1:55

Instrument :
 BNA_F
 ClientSampleId :
 DAY-1MS

Tgt Ion:	216	Resp:	278629
Ion	Ratio	Lower	Upper
216	100		
214	78.8	62.6	93.8
179	24.2	18.2	27.4
108	20.1	17.5	26.3

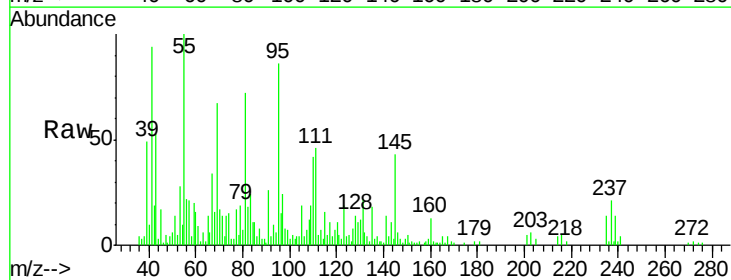


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

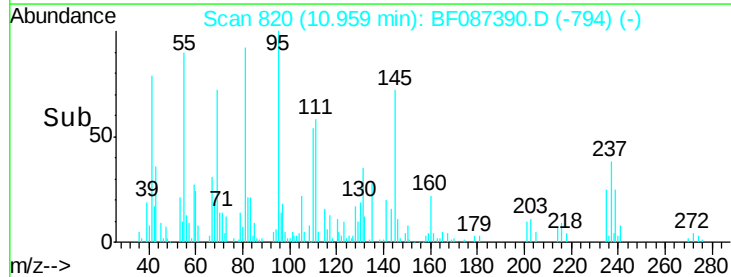
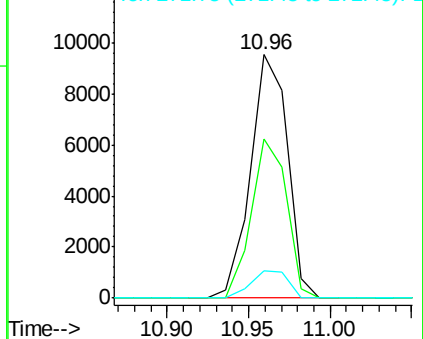


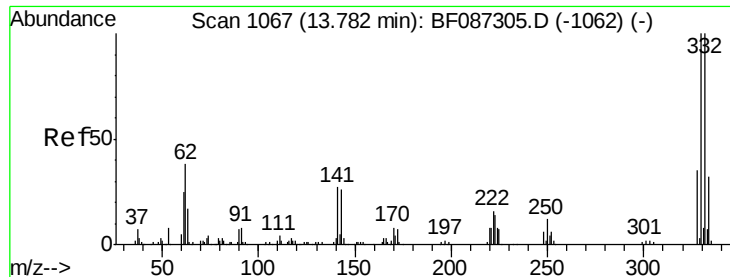
#40
 Hexachlorocyclopentadiene
 Concen: 14.74 ng
 RT: 10.96 min Scan# 820
 Delta R.T. -0.00 min
 Lab File: BF087390.D
 Acq: 26 May 2016 1:55

Tgt Ion:	237	Resp:	14964
Ion	Ratio	Lower	Upper
237	100		
235	65.3	47.2	87.2
272	11.2	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: 128.16 ng

RT: 13.71 min Scan# 1061

Delta R.T. 0.03 min

Lab File: BF087390.D

Acq: 26 May 2016 1:55

Instrument :

BNA_F

ClientSampleId :

DAY-1MS

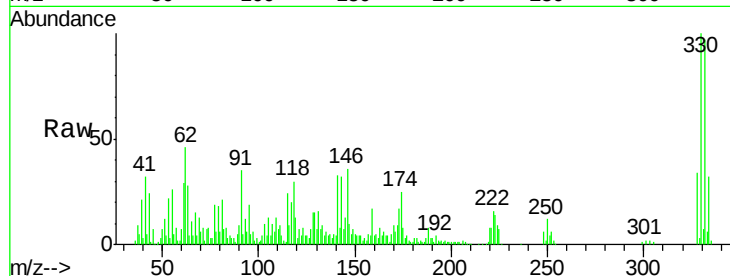
Tgt Ion:330 Resp: 233724

Ion Ratio Lower Upper

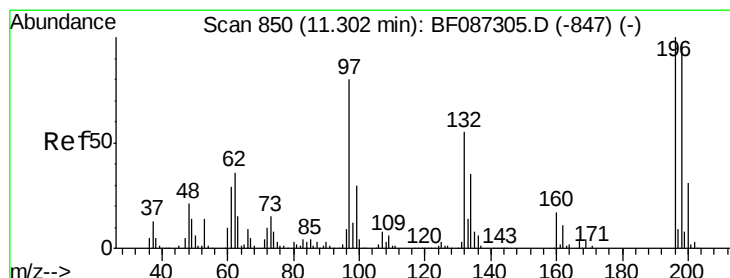
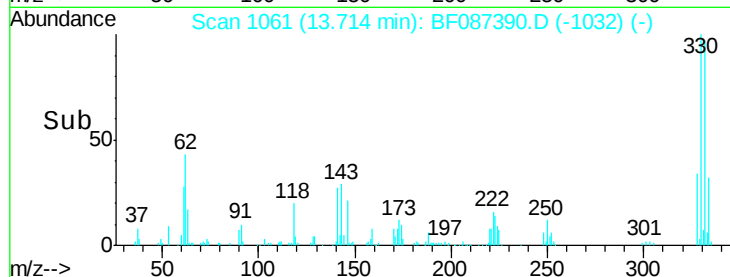
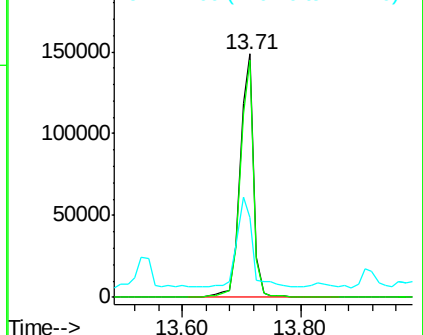
330 100

332 96.1 79.0 118.4

141 42.5 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: 51.02 ng

RT: 11.23 min Scan# 844

Delta R.T. 0.02 min

Lab File: BF087390.D

Acq: 26 May 2016 1:55

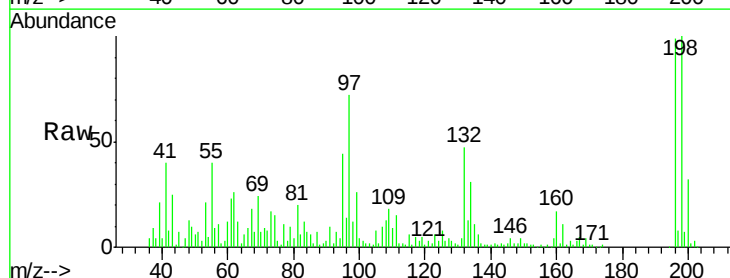
Tgt Ion:196 Resp: 178889

Ion Ratio Lower Upper

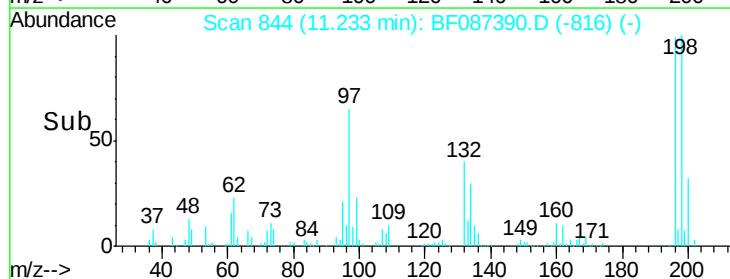
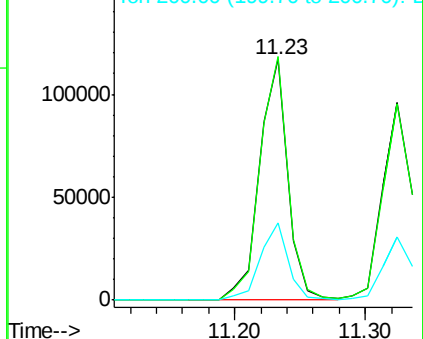
196 100

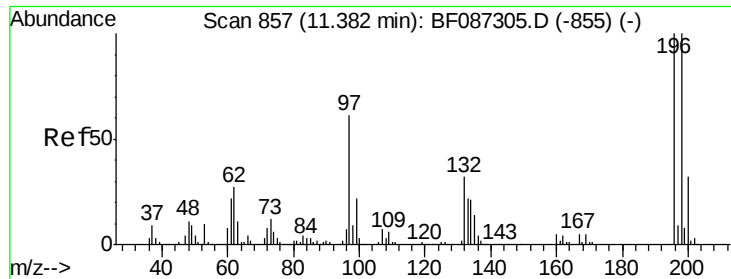
198 101.1 74.7 112.1

200 32.0 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

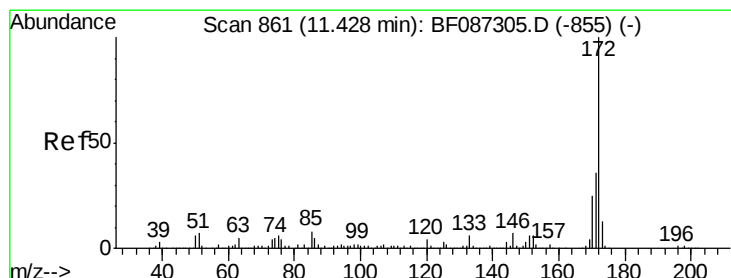
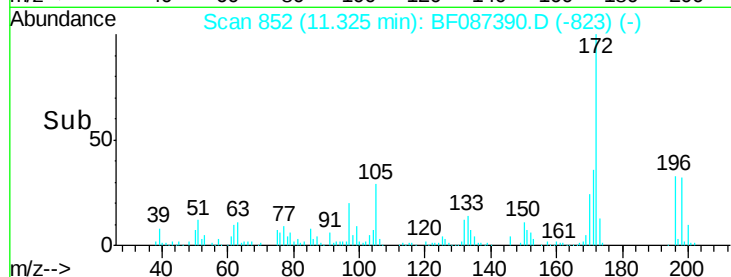
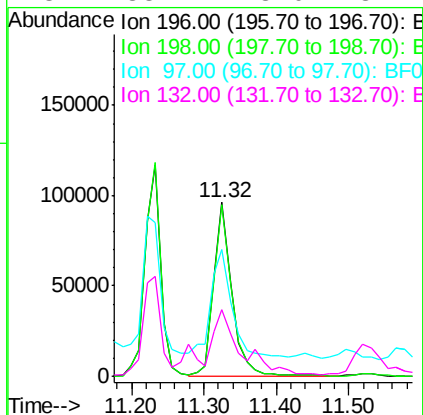
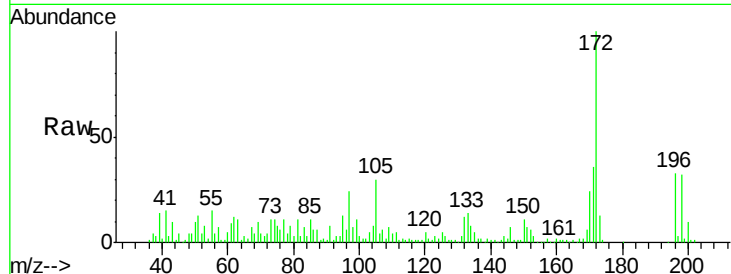




#43
 2,4,5-Trichlorophenol
 Concen: 47.62 ng
 RT: 11.32 min Scan# 852
 Delta R.T. 0.03 min
 Lab File: BF087390.D
 Acq: 26 May 2016 1:55

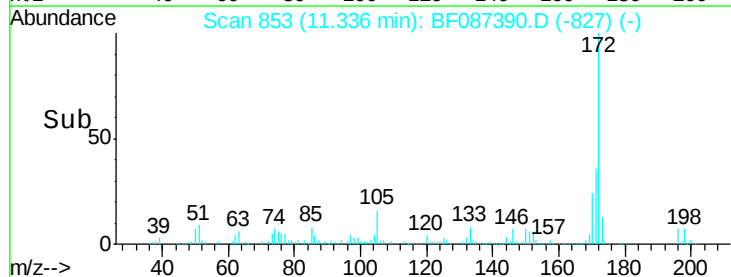
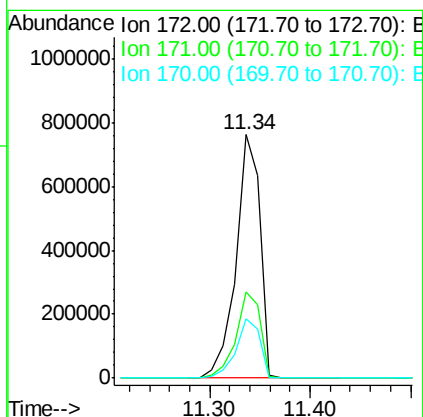
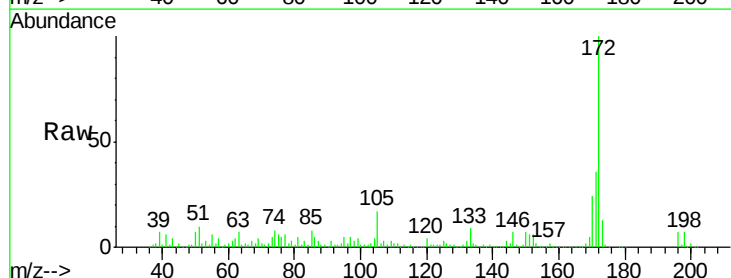
Instrument :
 BNA_F
 ClientSampleId :
 DAY-1MS

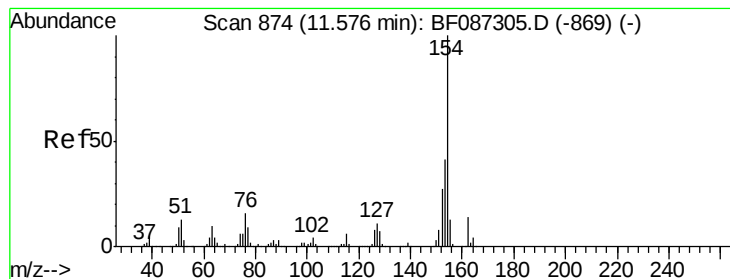
Tgt Ion	Ratio	Lower	Upper
196	100		
198	98.9	77.5	116.3
97	72.9	34.8	52.2
132	38.1	23.0	34.4



#44
 2-Fluorobiphenyl
 Concen: 93.56 ng
 RT: 11.34 min Scan# 853
 Delta R.T. -0.00 min
 Lab File: BF087390.D
 Acq: 26 May 2016 1:55

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.6	29.0	43.6
170	24.4	19.8	29.8





#45

1,1'-Biphenyl

Concen: 47.77 ng

RT: 11.48 min Scan# 866

Delta R.T. -0.00 min

Lab File: BF087390.D

Acq: 26 May 2016 1:55

Instrument :

BNA_F

ClientSampleId :

DAY-1MS

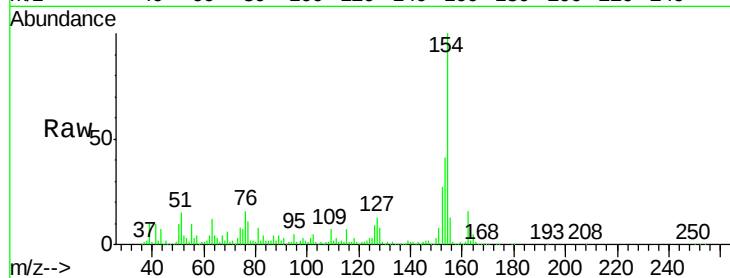
Tgt Ion:154 Resp: 763355

Ion Ratio Lower Upper

154 100

153 41.1 20.3 60.3

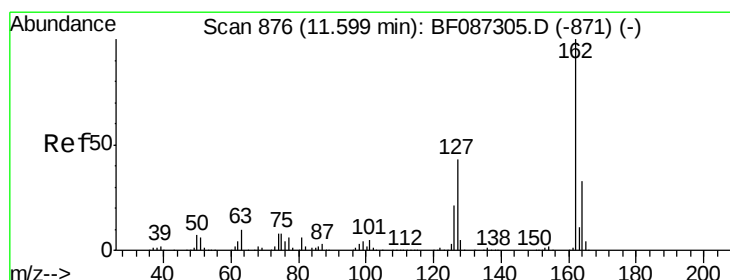
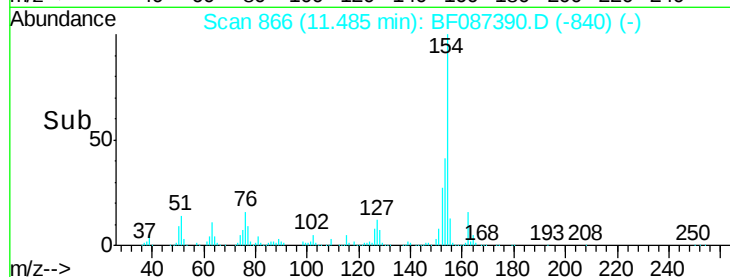
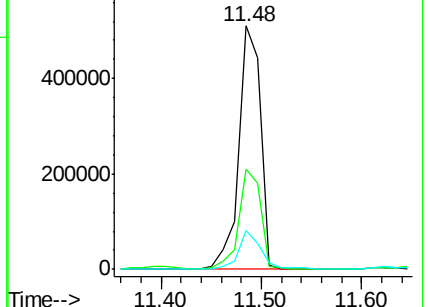
76 15.8 0.0 30.2



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: 45.30 ng

RT: 11.51 min Scan# 868

Delta R.T. 0.01 min

Lab File: BF087390.D

Acq: 26 May 2016 1:55

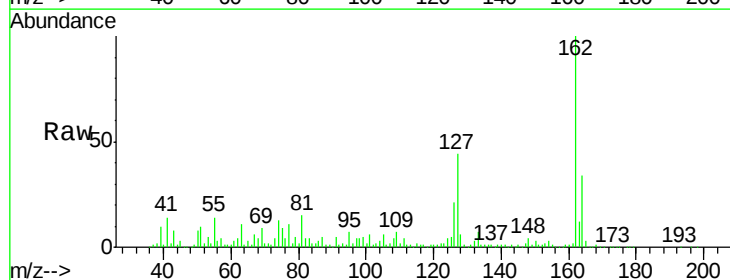
Tgt Ion:162 Resp: 553763

Ion Ratio Lower Upper

162 100

127 43.6 31.8 47.6

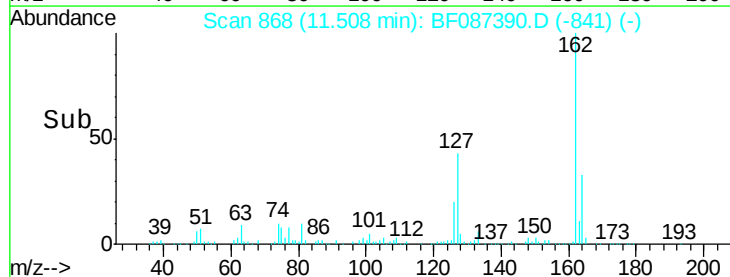
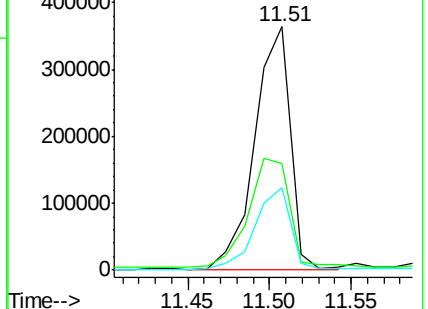
164 33.6 27.0 40.6

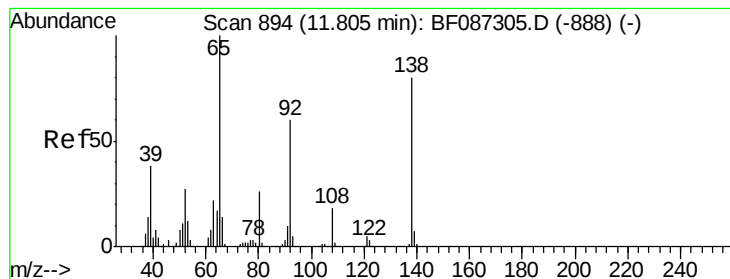


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 59.62 ng

RT: 11.74 min Scan# 888

Delta R.T. 0.02 min

Lab File: BF087390.D

Acq: 26 May 2016 1:55

Instrument :

BNA_F

ClientSampleId :

DAY-1MS

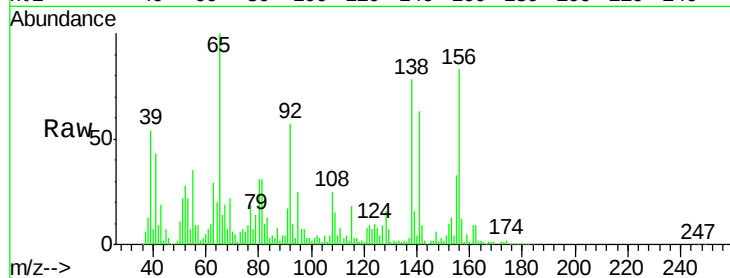
Tgt Ion: 65 Resp: 262585

Ion Ratio Lower Upper

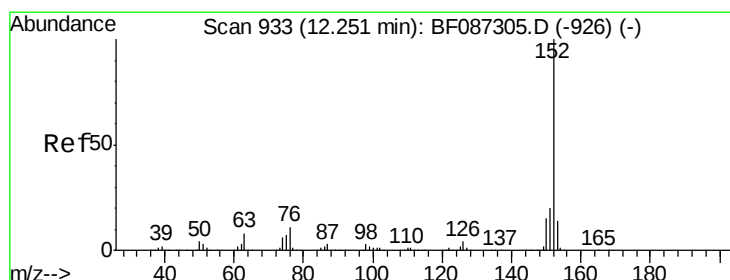
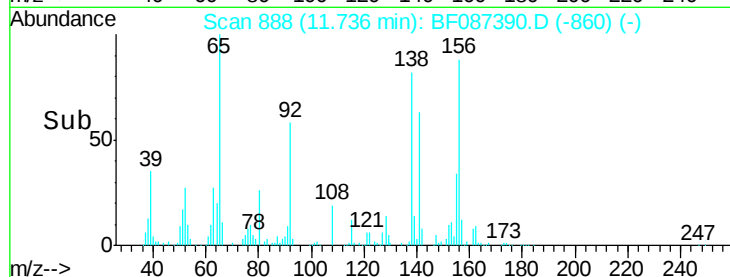
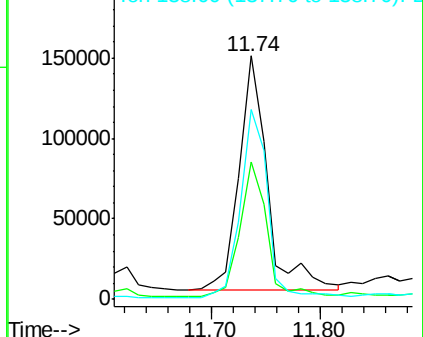
65 100

92 56.5 57.4 86.2#

138 77.9 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: 41.80 ng

RT: 12.16 min Scan# 925

Delta R.T. -0.00 min

Lab File: BF087390.D

Acq: 26 May 2016 1:55

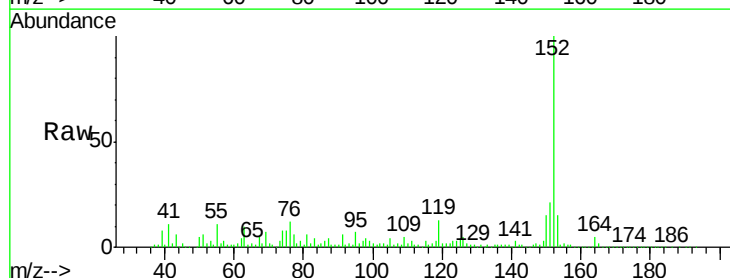
Tgt Ion: 152 Resp: 809041

Ion Ratio Lower Upper

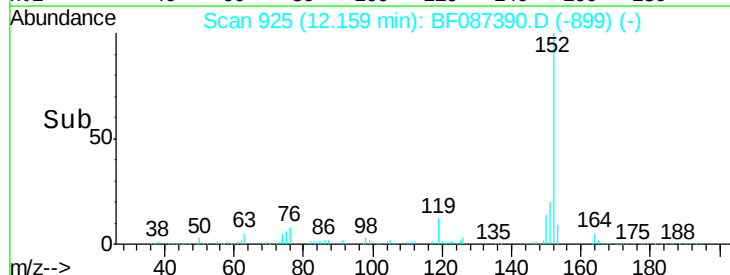
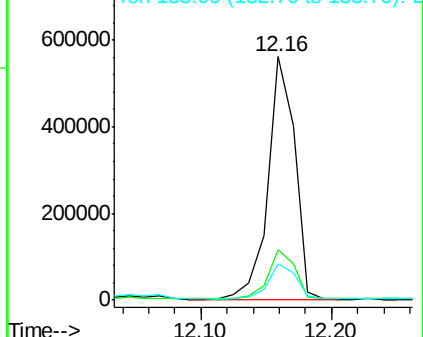
152 100

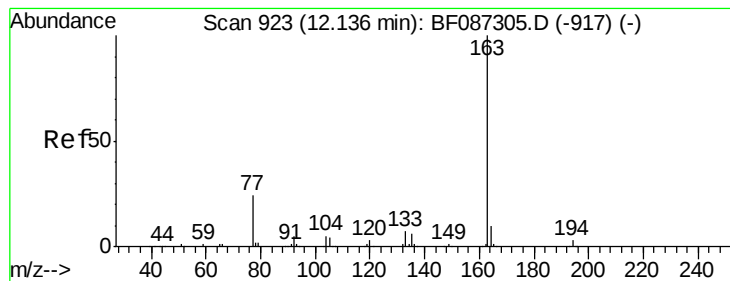
151 20.8 16.8 25.2

153 14.8 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: 44.52 ng

RT: 12.06 min Scan# 916

Delta R.T. 0.01 min

Lab File: BF087390.D

Acq: 26 May 2016 1:55

Instrument :

BNA_F

ClientSampleId :

DAY-1MS

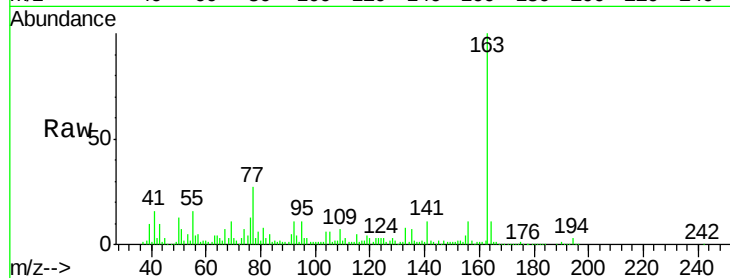
Tgt Ion:163 Resp: 676776

Ion Ratio Lower Upper

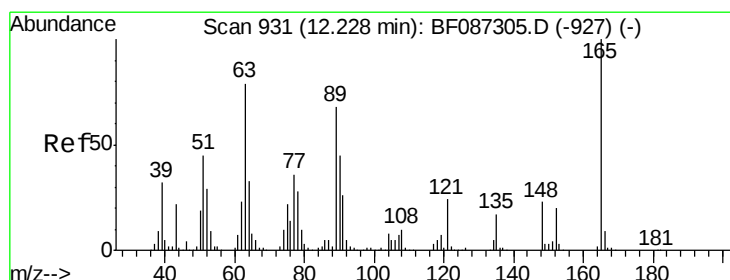
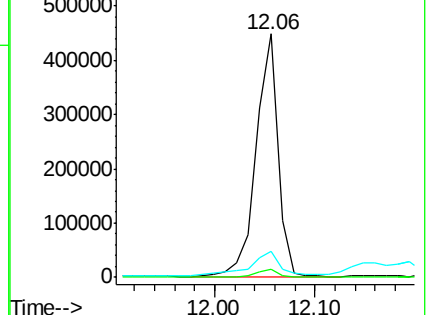
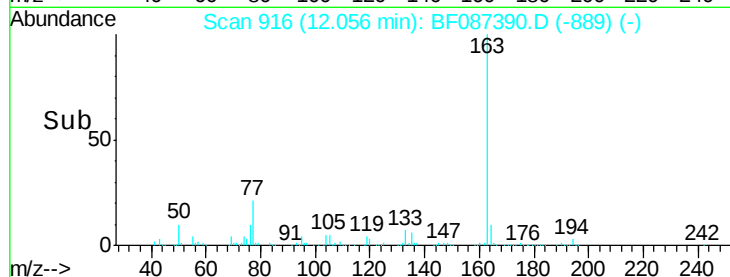
163 100

194 3.3 2.6 4.0

164 10.9 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: 43.21 ng

RT: 12.15 min Scan# 924

Delta R.T. 0.01 min

Lab File: BF087390.D

Acq: 26 May 2016 1:55

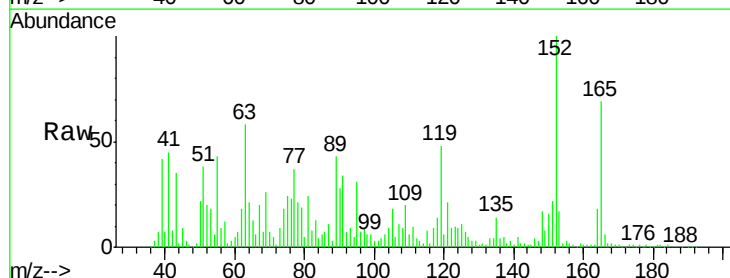
Tgt Ion:165 Resp: 132364

Ion Ratio Lower Upper

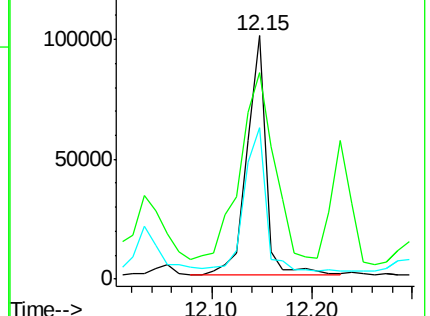
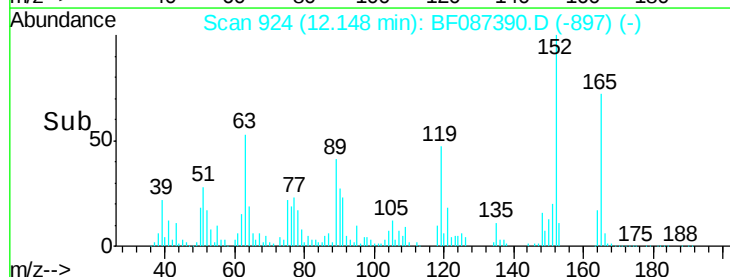
165 100

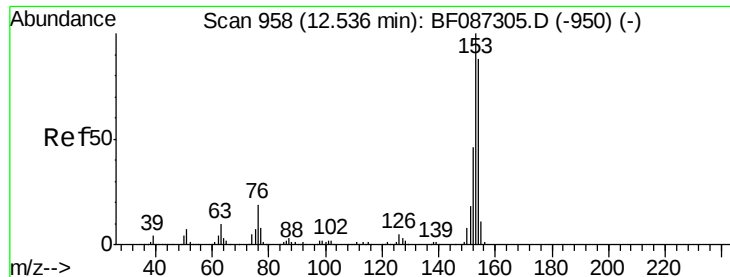
63 84.7 51.8 77.8#

89 62.5 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: 44.66 ng

RT: 12.44 min Scan# 950

Delta R.T. 0.01 min

Lab File: BF087390.D

Acq: 26 May 2016 1:55

Instrument :

BNA_F

ClientSampleId :

DAY-1MS

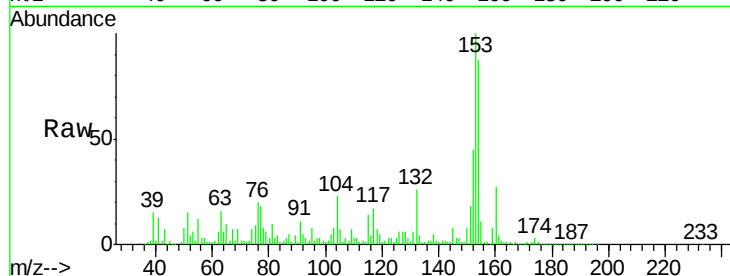
Tgt Ion:154 Resp: 531239

Ion Ratio Lower Upper

154 100

153 114.8 89.8 134.6

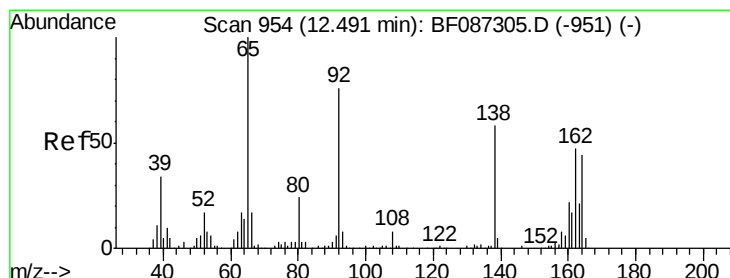
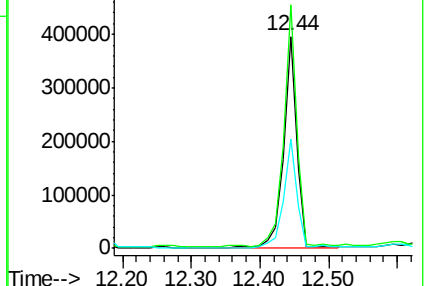
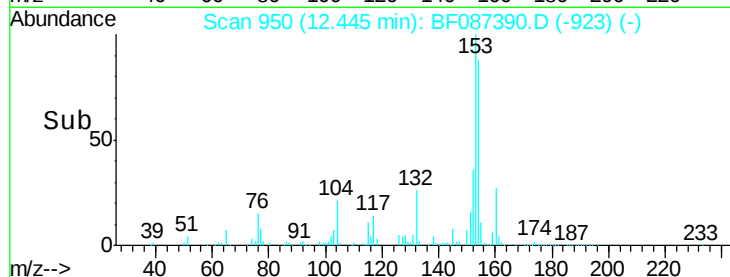
152 51.4 43.4 65.0



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: 2.80 ng

RT: 12.38 min Scan# 944

Delta R.T. -0.02 min

Lab File: BF087390.D

Acq: 26 May 2016 1:55

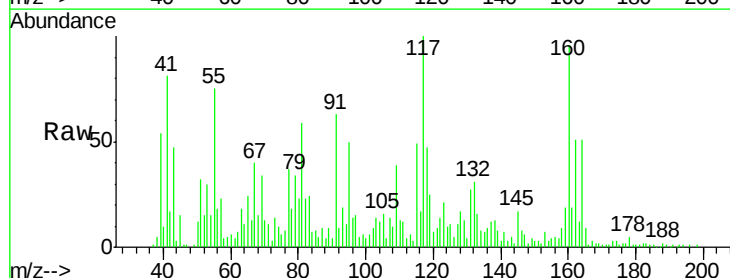
Tgt Ion:138 Resp: 8805

Ion Ratio Lower Upper

138 100

108 81.8 7.8 11.6#

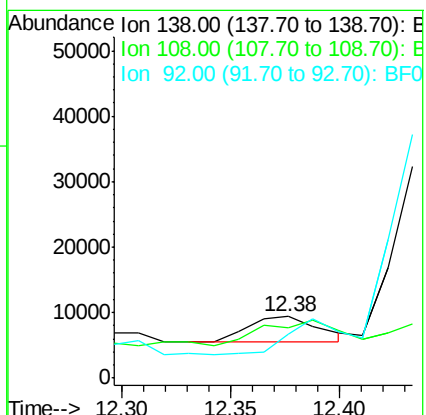
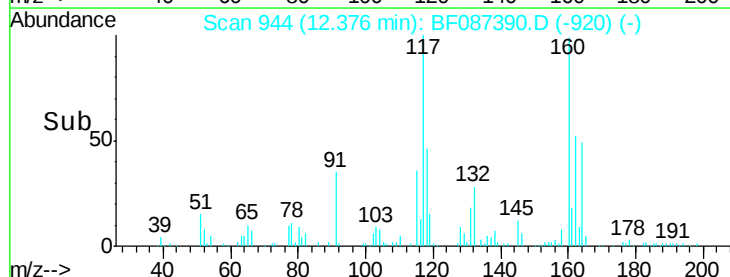
92 71.3 87.8 131.8#

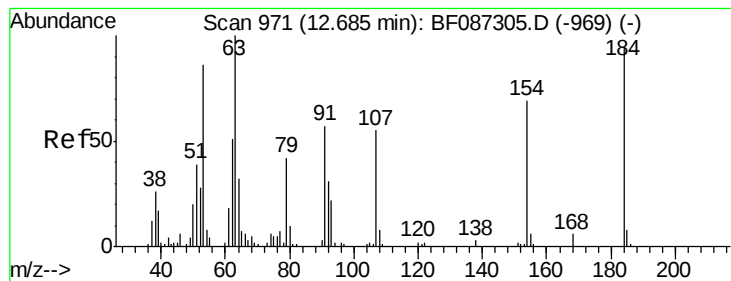


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0





#53

2,4-Dinitrophenol

Concen: 7.29 ng

RT: 12.57 min Scan# 961

Delta R.T. -0.02 min

Lab File: BF087390.D

Acq: 26 May 2016 1:55

Instrument :

BNA_F

ClientSampleId :

DAY-1MS

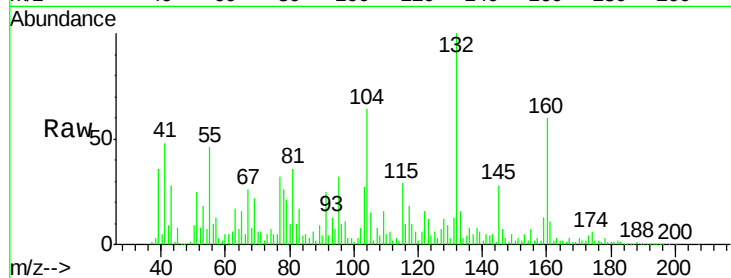
Tgt Ion:184 Resp: 1262

Ion Ratio Lower Upper

184 100

63 5684.7 55.8 83.8#

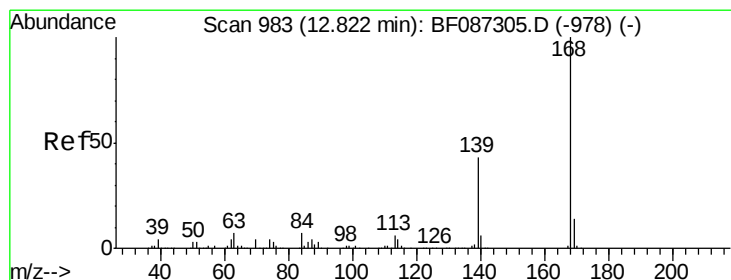
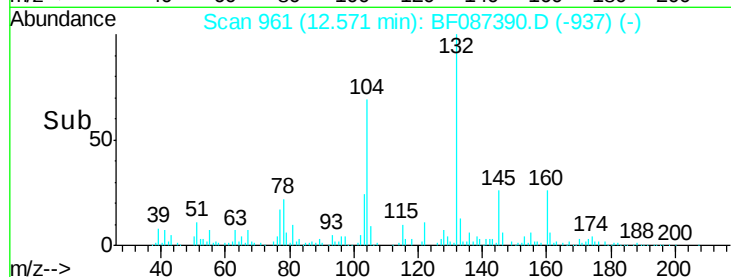
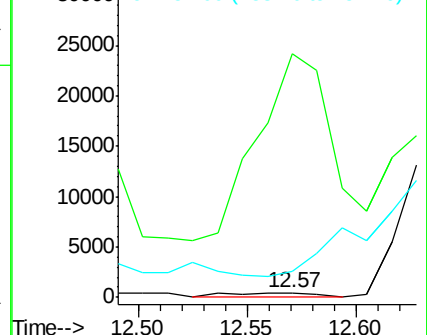
154 602.4 62.4 93.6#



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: 46.91 ng

RT: 12.73 min Scan# 975

Delta R.T. 0.01 min

Lab File: BF087390.D

Acq: 26 May 2016 1:55

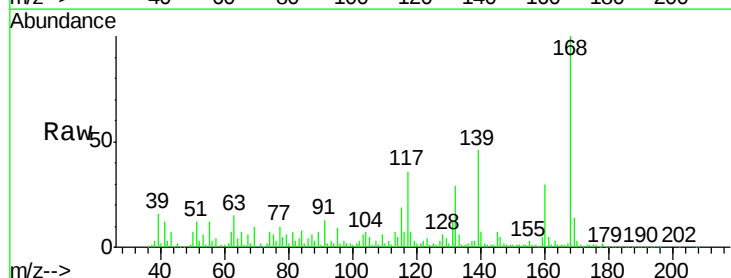
Tgt Ion:168 Resp: 755442

Ion Ratio Lower Upper

168 100

139 45.7 31.4 47.0

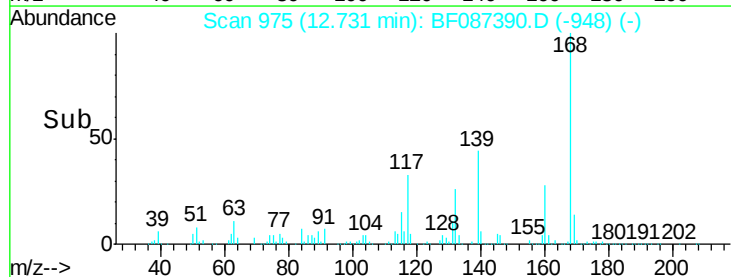
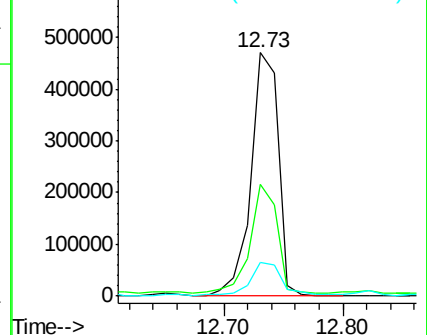
169 14.0 10.7 16.1

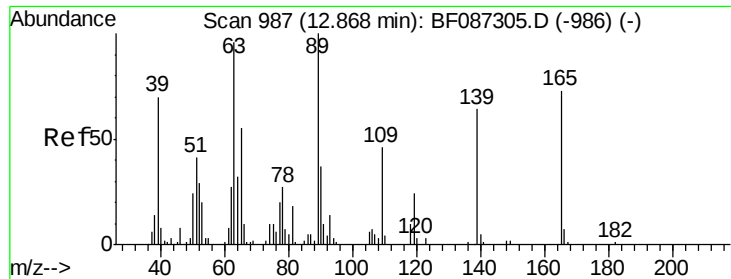


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

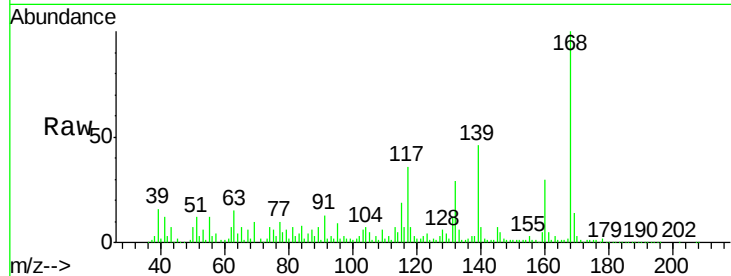




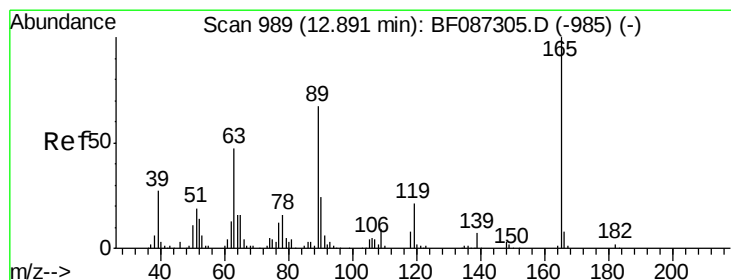
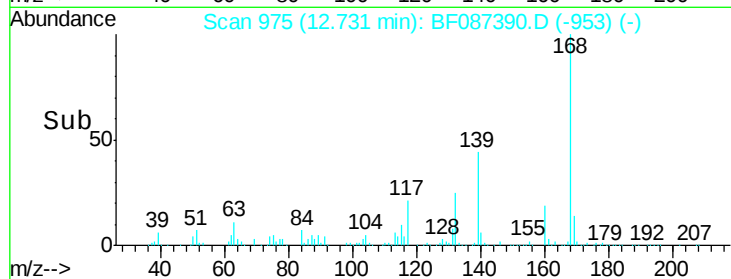
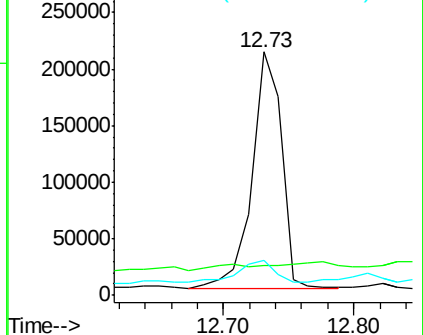
#55
4-Nitrophenol
Concen: 219.92 ng
RT: 12.73 min Scan# 975
Delta R.T. -0.05 min
Lab File: BF087390.D
Acq: 26 May 2016 1:55

Instrument :
BNA_F
ClientSampleId :
DAY-1MS

Tgt Ion:139 Resp: 329827
Ion Ratio Lower Upper
139 100
109 12.4 36.9 76.9#
65 14.6 64.0 104.0#

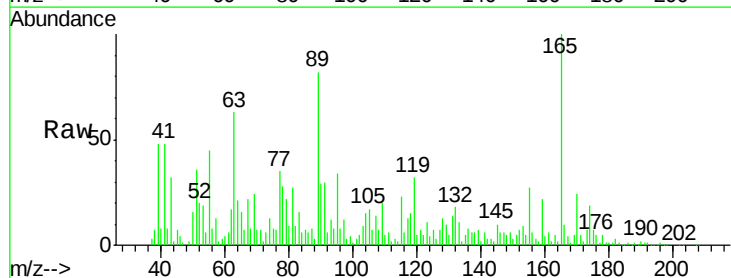


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

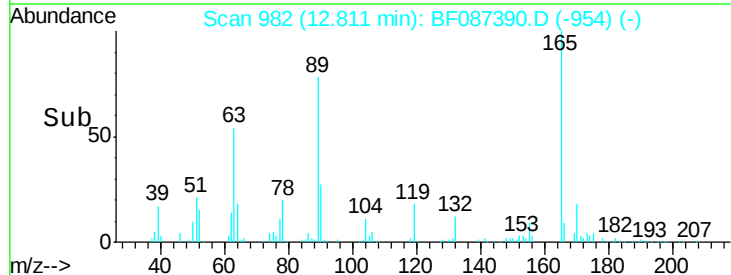
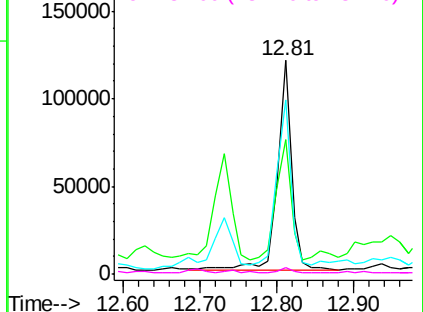


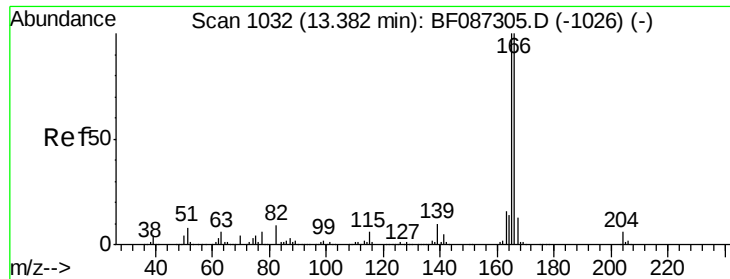
#56
2,4-Dinitrotoluene
Concen: 37.51 ng
RT: 12.81 min Scan# 982
Delta R.T. 0.02 min
Lab File: BF087390.D
Acq: 26 May 2016 1:55

Tgt Ion:165 Resp: 153564
Ion Ratio Lower Upper
165 100
63 63.0 44.3 66.5
89 81.7 70.0 105.0
182 2.8 1.8 2.6#



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0
Ion 182.00 (181.70 to 182.70): E

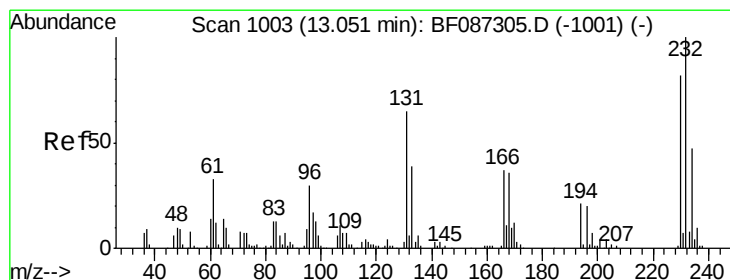
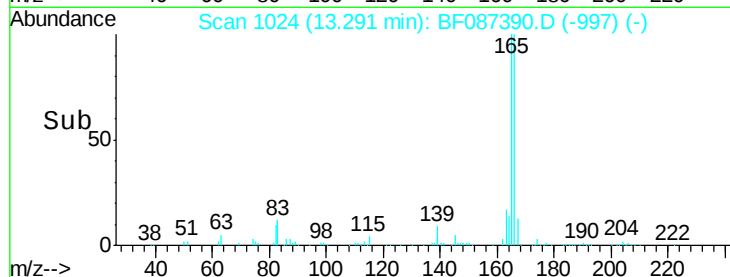
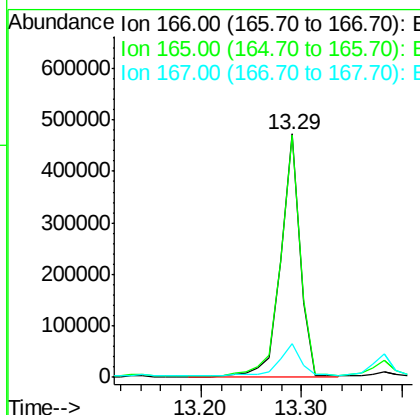
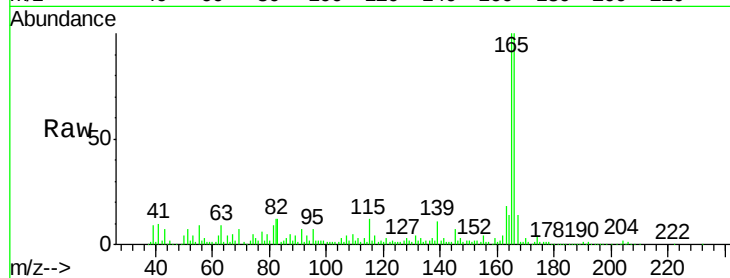




#57
 Fluorene
 Concen: 44.66 ng
 RT: 13.29 min Scan# 1024
 Delta R.T. 0.01 min
 Lab File: BF087390.D
 Acq: 26 May 2016 1:55

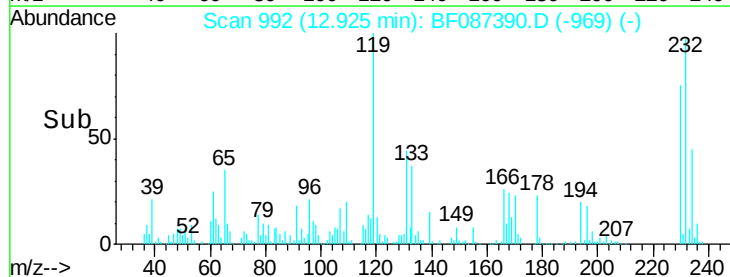
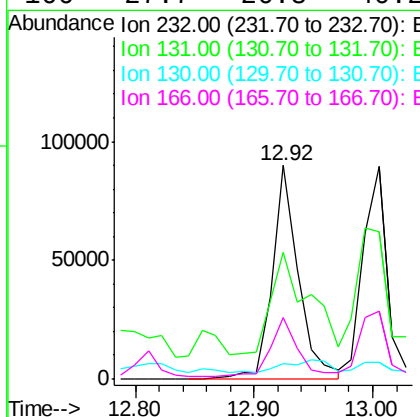
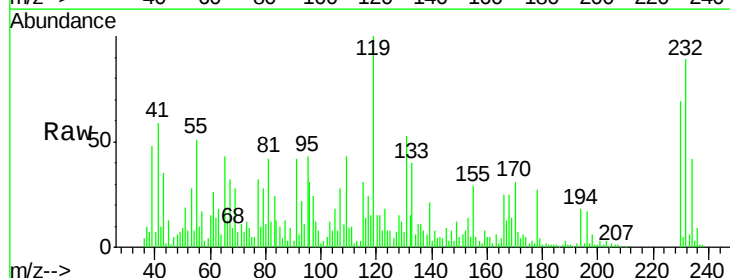
Instrument :
 BNA_F
 ClientSampleId :
 DAY-1MS

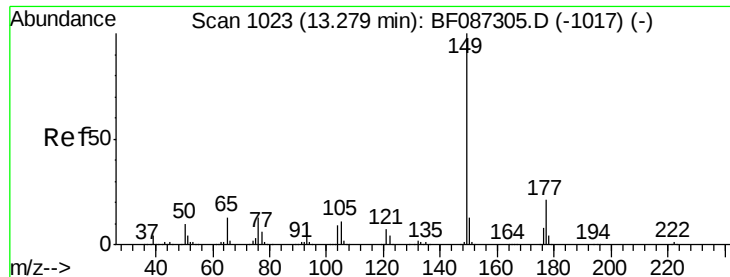
Tgt Ion:166 Resp: 623649
 Ion Ratio Lower Upper
 166 100
 165 99.7 79.0 118.6
 167 13.8 10.6 15.8



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 50.23 ng
 RT: 12.92 min Scan# 992
 Delta R.T. -0.03 min
 Lab File: BF087390.D
 Acq: 26 May 2016 1:55

Tgt Ion:232 Resp: 137974
 Ion Ratio Lower Upper
 232 100
 131 72.0 41.9 62.9#
 130 0.0 2.2 3.4#
 166 27.7 26.8 40.2

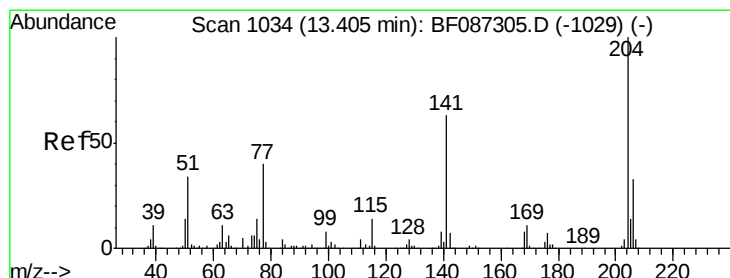
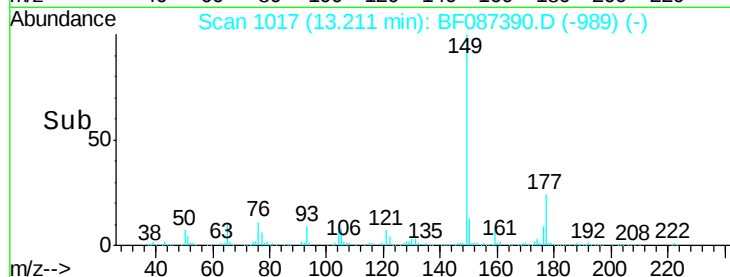
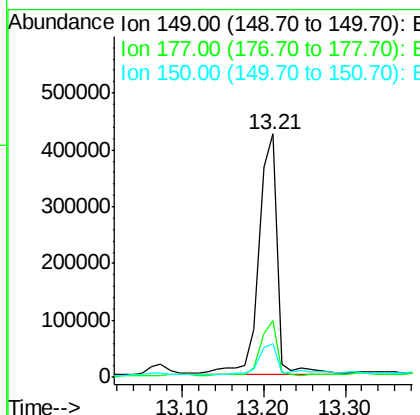
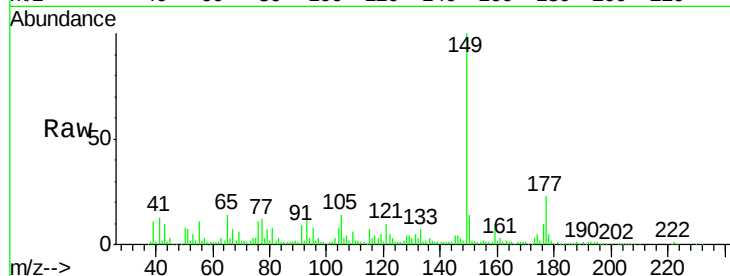




#59
Diethylphthalate
Concen: 44.99 ng
RT: 13.21 min Scan# 1017
Delta R.T. 0.02 min
Lab File: BF087390.D
Acq: 26 May 2016 1:55

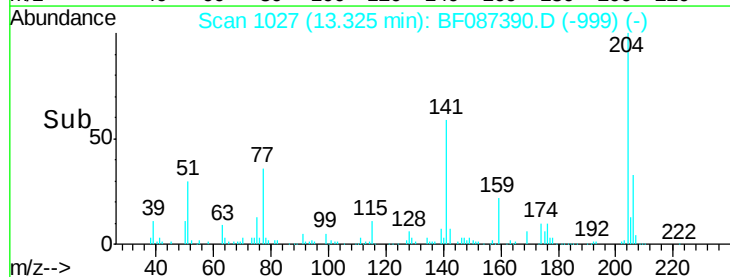
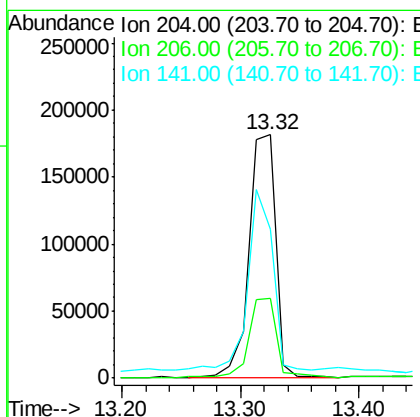
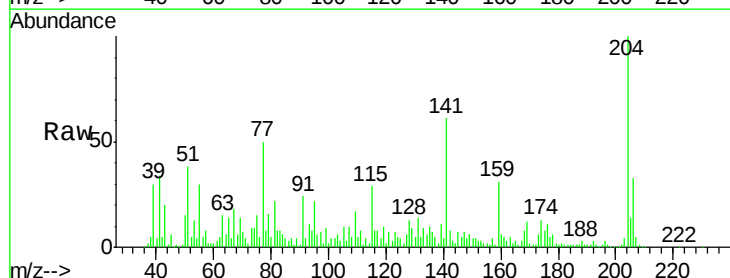
Instrument :
BNA_F
ClientSampleId :
DAY-1MS

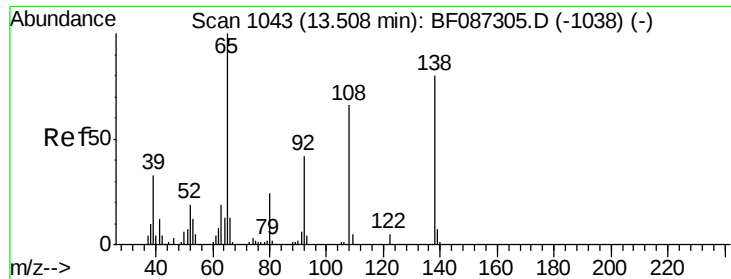
Tgt Ion:149 Resp: 664942
Ion Ratio Lower Upper
149 100
177 23.2 16.6 24.8
150 13.8 10.0 15.0



#60
4-Chlorophenyl-phenylether
Concen: 41.58 ng
RT: 13.32 min Scan# 1027
Delta R.T. 0.02 min
Lab File: BF087390.D
Acq: 26 May 2016 1:55

Tgt Ion:204 Resp: 283161
Ion Ratio Lower Upper
204 100
206 32.7 25.4 38.0
141 61.3 61.6 92.4#

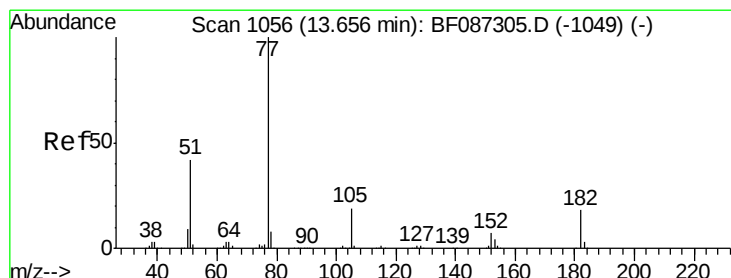
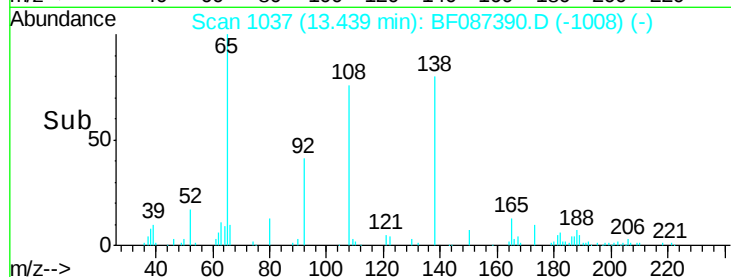
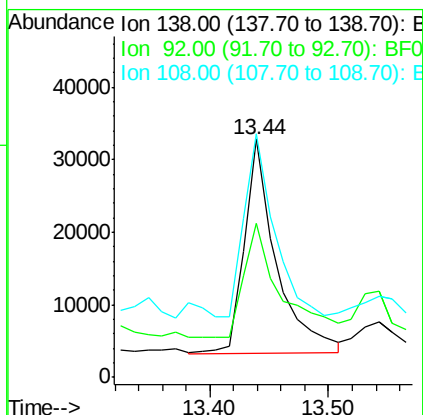
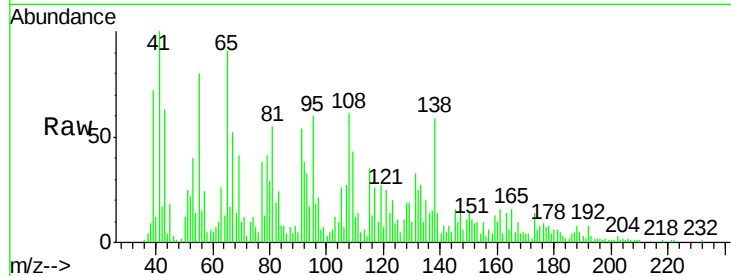




#61
4-Nitroaniline
Concen: 18.78 ng
RT: 13.44 min Scan# 1037
Delta R.T. 0.03 min
Lab File: BF087390.D
Acq: 26 May 2016 1:55

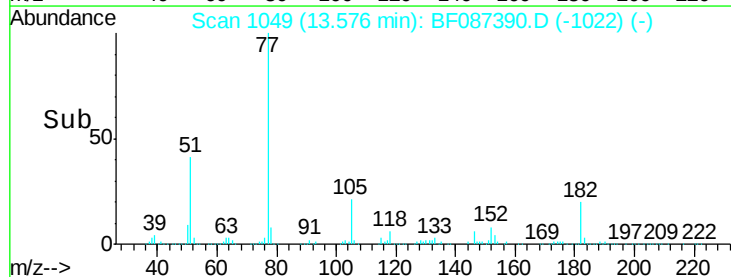
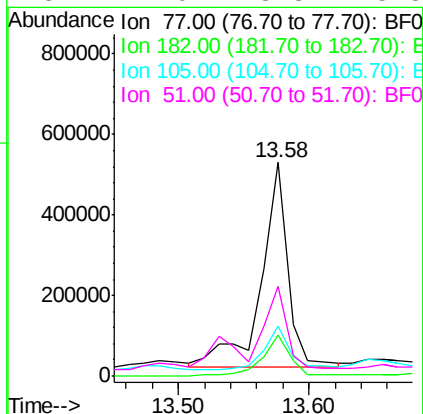
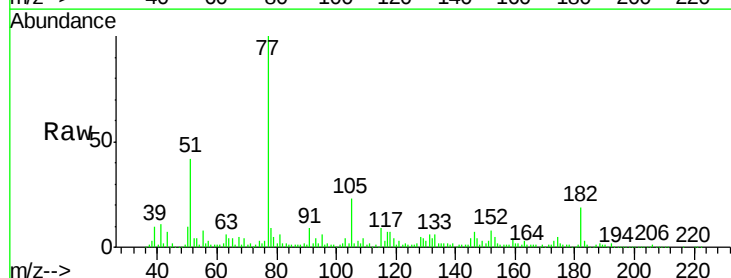
Instrument :
BNA_F
ClientSampleId :
DAY-1MS

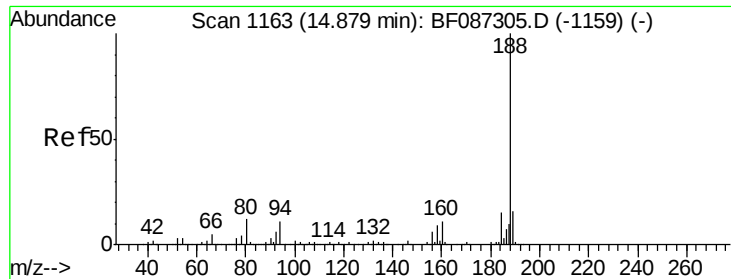
Tgt Ion:138 Resp: 55094
Ion Ratio Lower Upper
138 100
92 64.5 24.7 64.7
108 102.2 37.4 77.4#



#62
Azobenzene
Concen: 47.68 ng
RT: 13.58 min Scan# 1049
Delta R.T. 0.01 min
Lab File: BF087390.D
Acq: 26 May 2016 1:55

Tgt Ion: 77 Resp: 731072
Ion Ratio Lower Upper
77 100
182 19.4 0.0 38.8
105 23.3 3.2 43.2
51 42.0 8.8 48.8

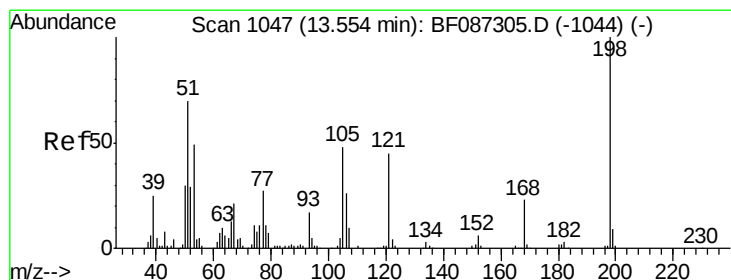
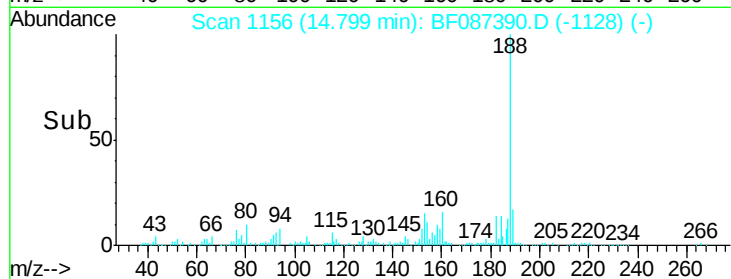
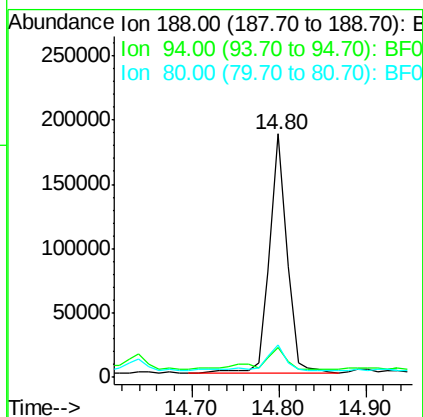
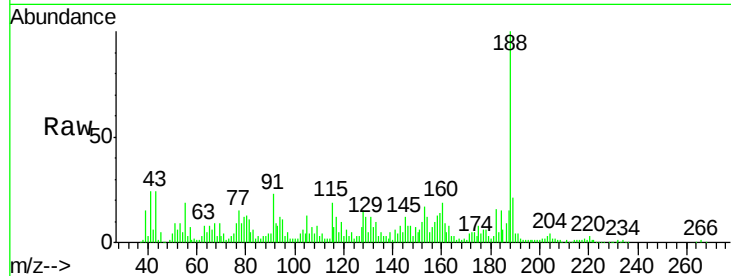




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.80 min Scan# 1156
Delta R.T. 0.02 min
Lab File: BF087390.D
Acq: 26 May 2016 1:55

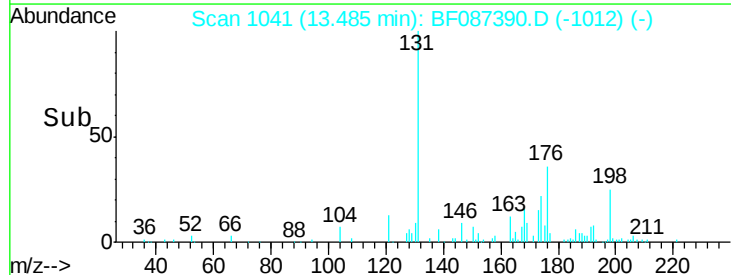
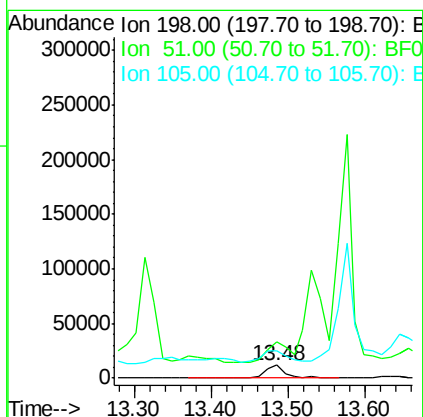
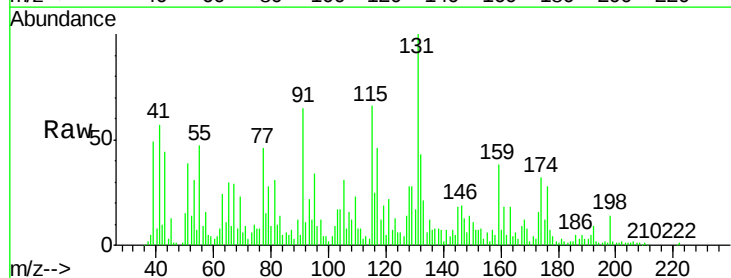
Instrument :
BNA_F
ClientSampled :
DAY-1MS

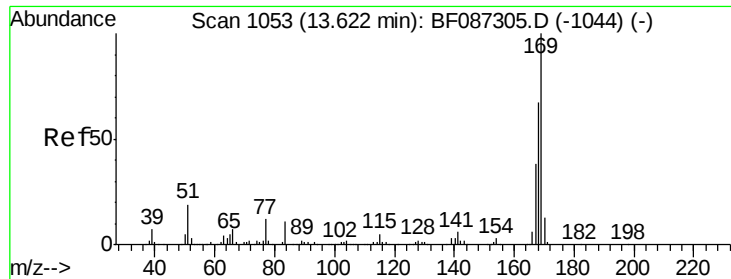
Tgt Ion:188 Resp: 258638
Ion Ratio Lower Upper
188 100
94 12.3 6.8 10.2#
80 13.3 7.1 10.7#



#64
4,6-Dinitro-2-methylphenol
Concen: 12.66 ng
RT: 13.48 min Scan# 1041
Delta R.T. 0.03 min
Lab File: BF087390.D
Acq: 26 May 2016 1:55

Tgt Ion:198 Resp: 20814
Ion Ratio Lower Upper
198 100
51 276.0 20.5 60.5#
105 215.1 24.5 64.5#

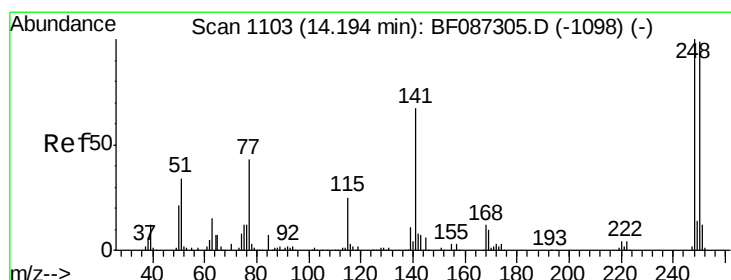
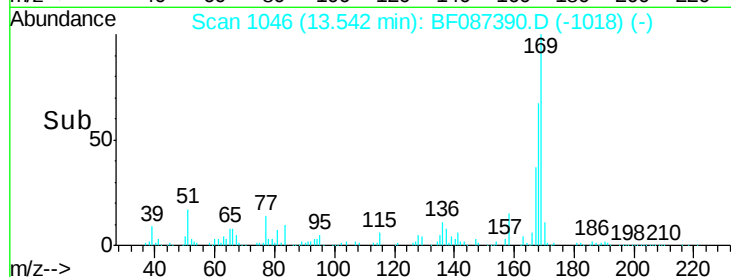
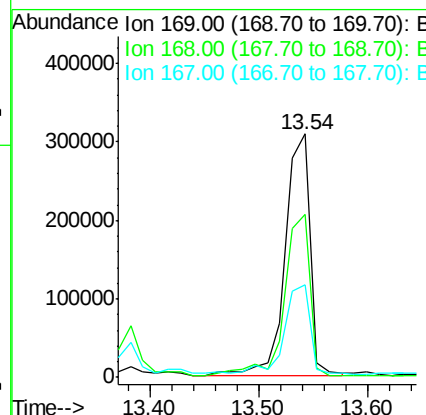
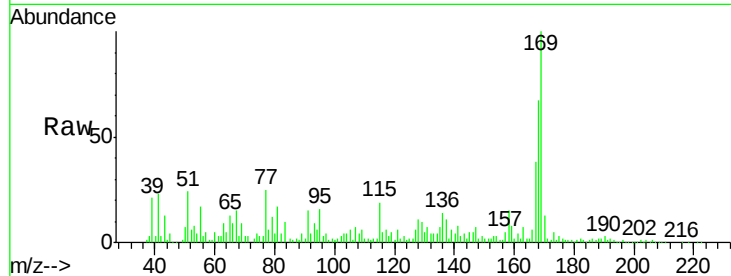




#65
 n-Nitrosodiphenylamine
 Concen: 58.78 ng
 RT: 13.54 min Scan# 1046
 Delta R.T. 0.02 min
 Lab File: BF087390.D
 Acq: 26 May 2016 1:55

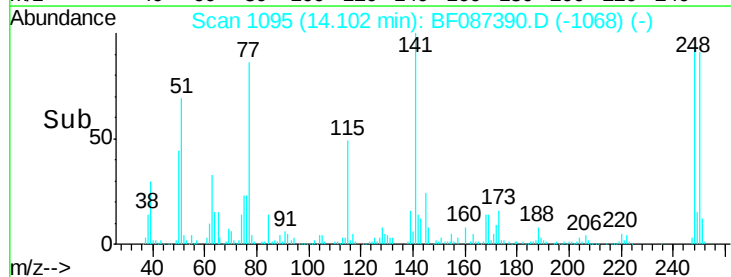
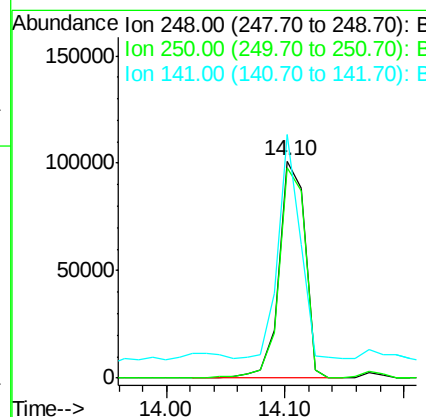
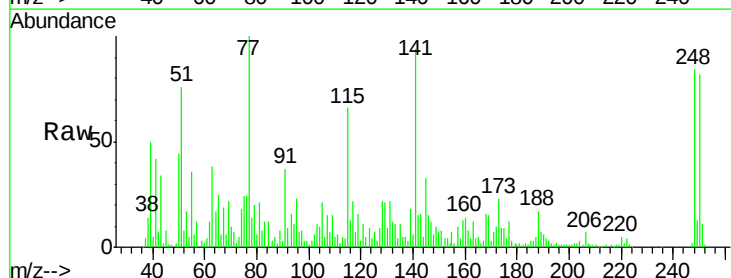
Instrument :
 BNA_F
 ClientSampleId :
 DAY-1MS

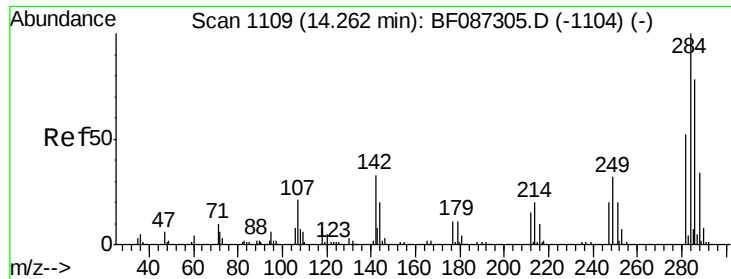
Tgt Ion:169 Resp: 491694
 Ion Ratio Lower Upper
 169 100
 168 66.8 53.8 80.6
 167 38.2 29.5 44.3



#66
 4-Bromophenyl-phenylether
 Concen: 54.06 ng
 RT: 14.10 min Scan# 1095
 Delta R.T. 0.01 min
 Lab File: BF087390.D
 Acq: 26 May 2016 1:55

Tgt Ion:248 Resp: 152958
 Ion Ratio Lower Upper
 248 100
 250 96.8 78.6 117.8
 141 112.0 76.0 114.0

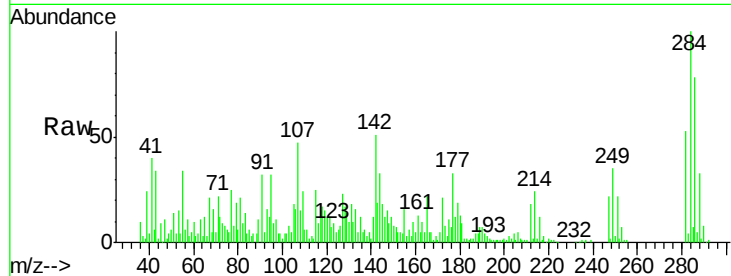




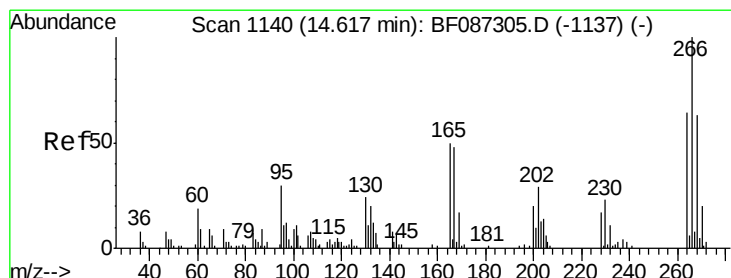
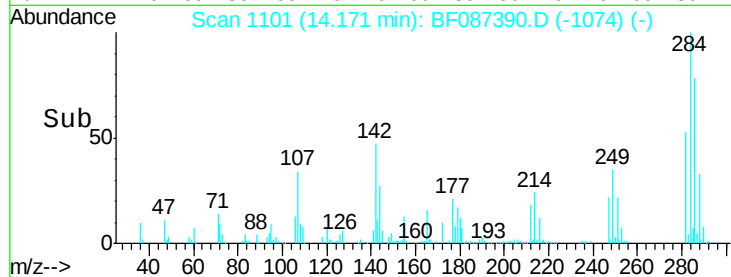
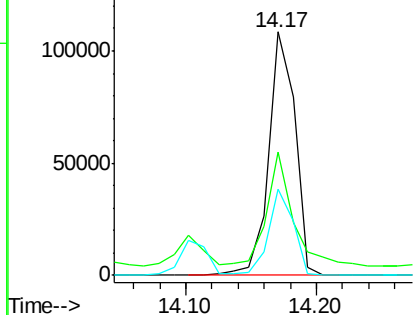
#67
Hexachlorobenzene
Concen: 52.06 ng
RT: 14.17 min Scan# 1101
Delta R.T. 0.01 min
Lab File: BF087390.D
Acq: 26 May 2016 1:55

Instrument :
BNA_F
ClientSampleId :
DAY-1MS

Tgt Ion:284 Resp: 154052
Ion Ratio Lower Upper
284 100
142 50.7 16.7 25.1#
249 35.2 21.3 31.9#

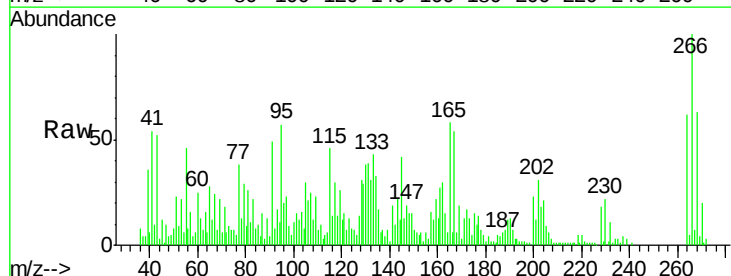


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

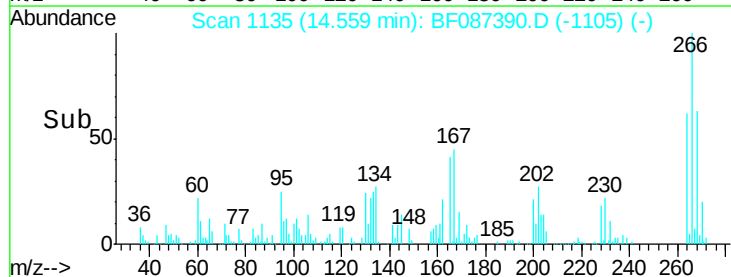
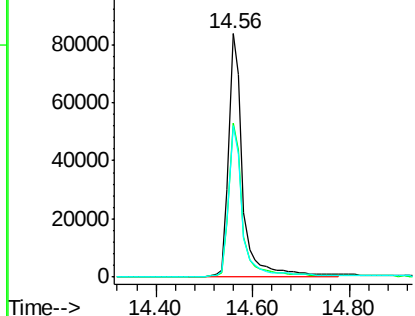


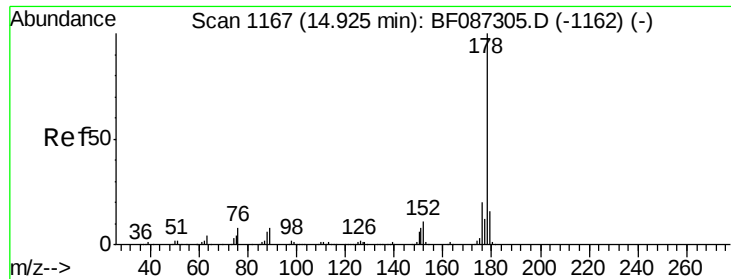
#69
Pentachlorophenol
Concen: 180.24 ng
RT: 14.56 min Scan# 1135
Delta R.T. 0.05 min
Lab File: BF087390.D
Acq: 26 May 2016 1:55

Tgt Ion:266 Resp: 173485
Ion Ratio Lower Upper
266 100
268 63.3 51.5 77.3
264 62.5 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

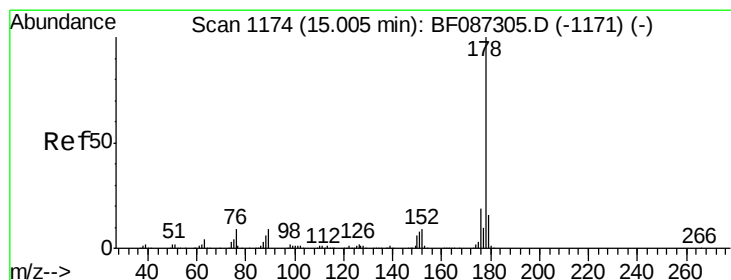
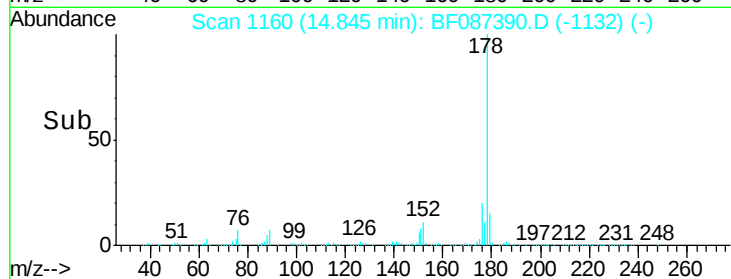
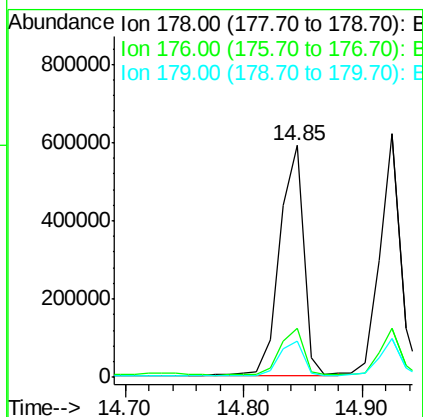
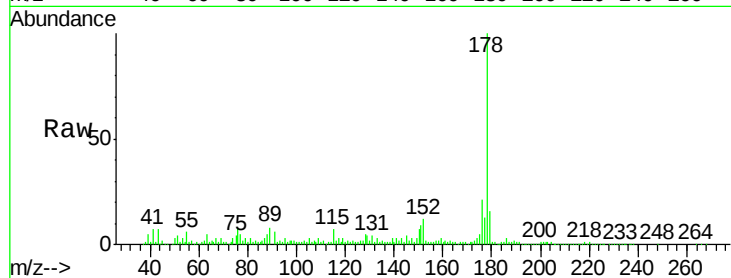




#70
Phenanthrene
Concen: 56.68 ng
RT: 14.85 min Scan# 1160
Delta R.T. 0.02 min
Lab File: BF087390.D
Acq: 26 May 2016 1:55

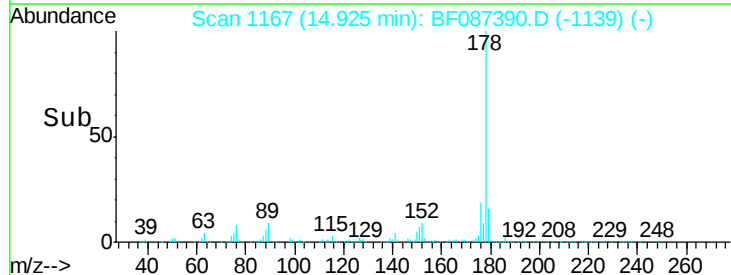
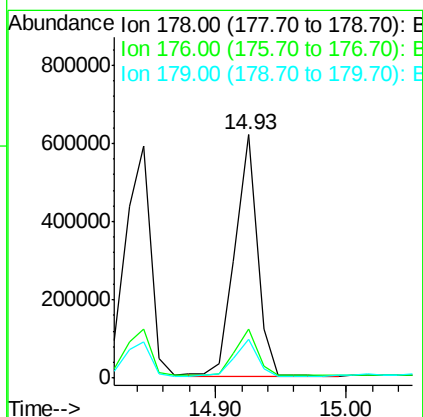
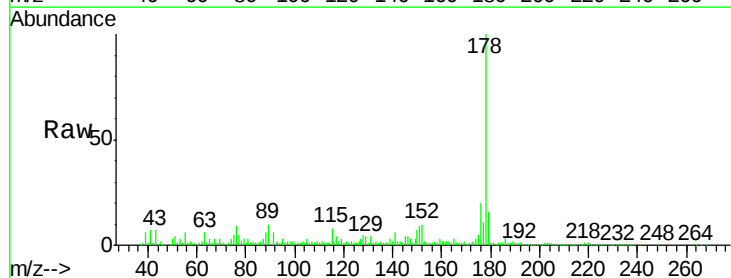
Instrument :
BNA_F
ClientSampleId :
DAY-1MS

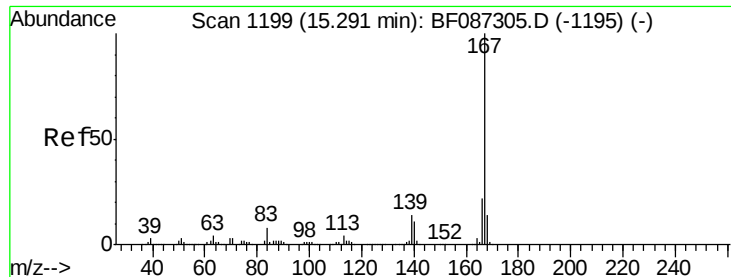
Tgt Ion:178 Resp: 811946
Ion Ratio Lower Upper
178 100
176 21.0 16.0 24.0
179 15.8 12.6 18.8



#71
Anthracene
Concen: 50.85 ng
RT: 14.93 min Scan# 1167
Delta R.T. 0.02 min
Lab File: BF087390.D
Acq: 26 May 2016 1:55

Tgt Ion:178 Resp: 735968
Ion Ratio Lower Upper
178 100
176 20.0 15.6 23.4
179 16.0 12.7 19.1





#72

Carbazole

Concen: 53.10 ng

RT: 15.25 min Scan# 1195

Delta R.T. 0.06 min

Lab File: BF087390.D

Acq: 26 May 2016 1:55

Instrument :

BNA_F

ClientSampleId :

DAY-1MS

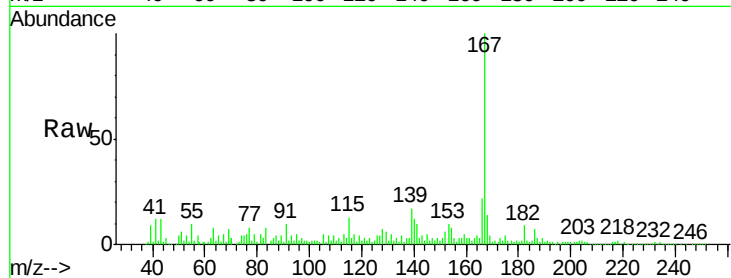
Tgt Ion:167 Resp: 655496

Ion Ratio Lower Upper

167 100

166 22.1 17.7 26.5

139 17.3 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

15.25

400000

300000

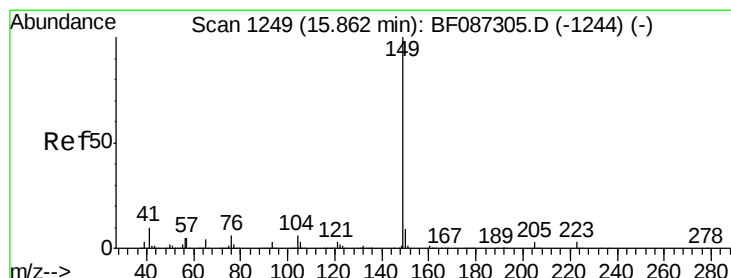
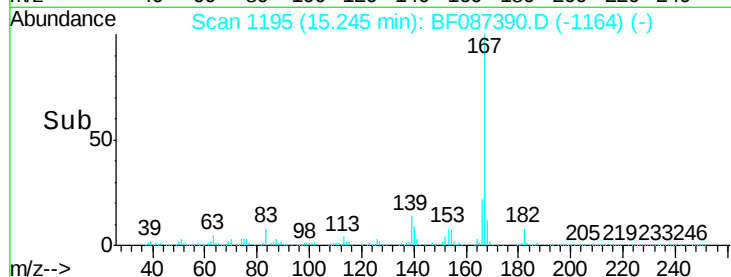
200000

100000

0

15.15 15.20 15.25 15.30

Time-->



#73

Di-n-butylphthalate

Concen: 52.09 ng

RT: 15.81 min Scan# 1244

Delta R.T. 0.03 min

Lab File: BF087390.D

Acq: 26 May 2016 1:55

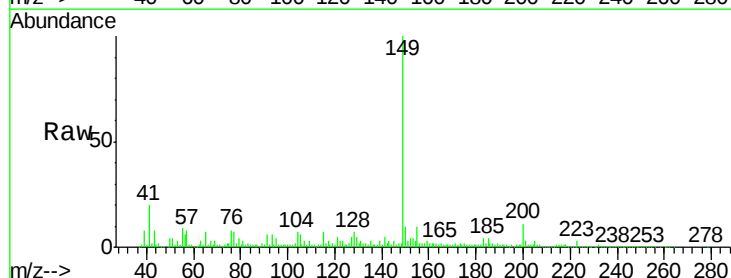
Tgt Ion:149 Resp: 831556

Ion Ratio Lower Upper

149 100

150 10.4 7.6 11.4

104 6.6 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

15.81

800000

600000

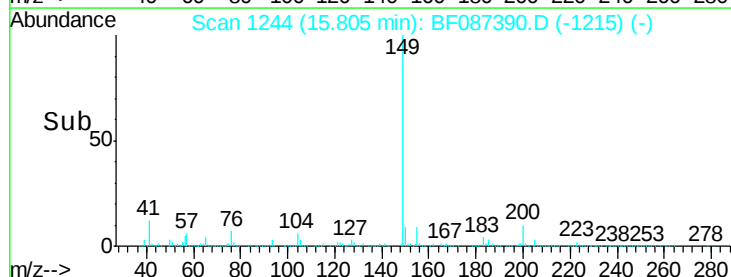
400000

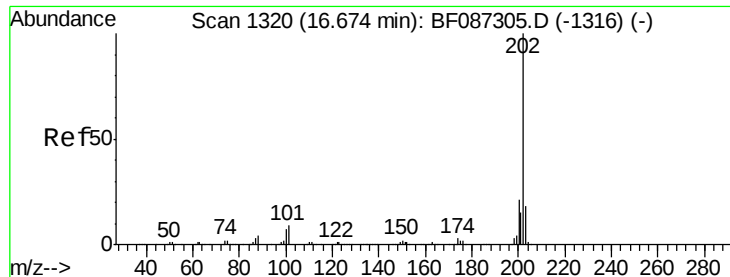
200000

0

15.60 15.80

Time-->





#74

Fluoranthene

Concen: 50.82 ng

RT: 16.61 min Scan# 1314

Delta R.T. 0.02 min

Lab File: BF087390.D

Acq: 26 May 2016 1:55

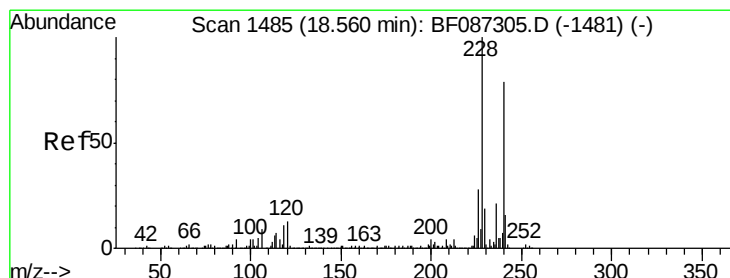
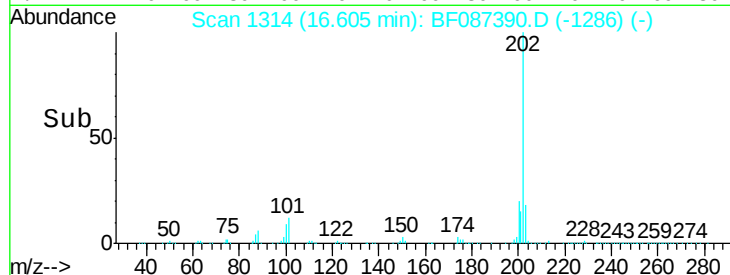
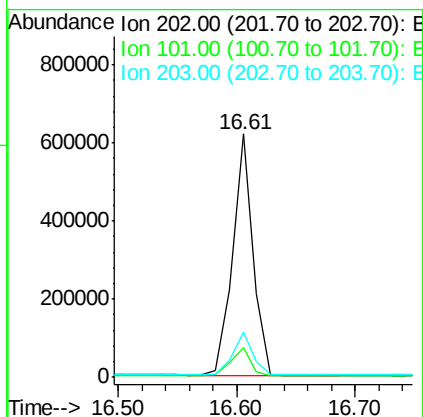
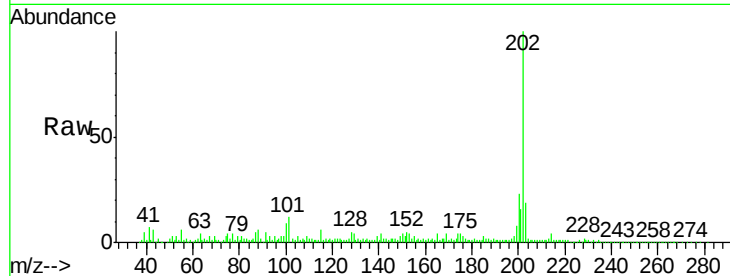
Instrument :

BNA_F

ClientSampleId :

DAY-1MS

Tgt Ion:	202	Resp:	730084
Ion Ratio	Lower	Upper	
202	100		
101	12.3	0.0	35.4
203	18.6	0.0	38.1



#75

Chrysene-d12

Concen: 20.00 ng

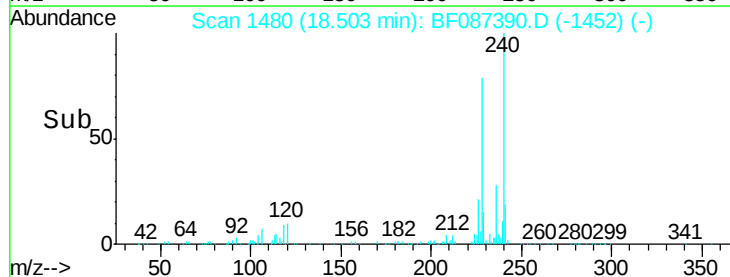
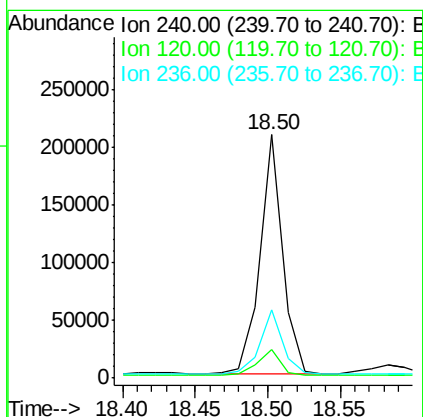
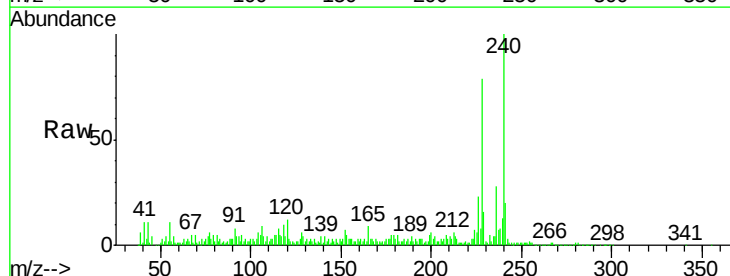
RT: 18.50 min Scan# 1480

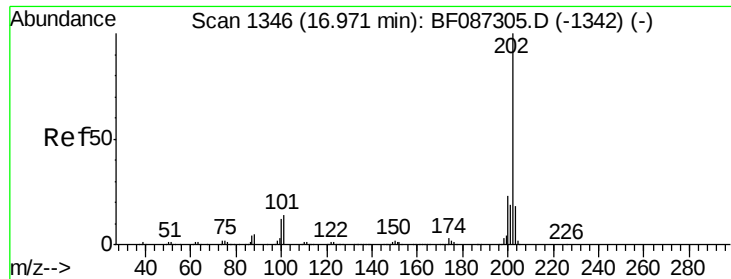
Delta R.T. 0.02 min

Lab File: BF087390.D

Acq: 26 May 2016 1:55

Tgt Ion:	240	Resp:	223434
Ion Ratio	Lower	Upper	
240	100		
120	11.7	11.2	16.8
236	28.2	21.2	31.8





#77

Pyrene

Concen: 47.52 ng

RT: 16.91 min Scan# 1341

Delta R.T. 0.03 min

Lab File: BF087390.D

Acq: 26 May 2016 1:55

Instrument :

BNA_F

ClientSampleId :

DAY-1MS

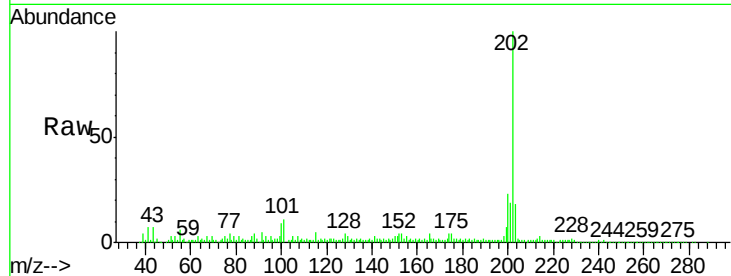
Tgt Ion:202 Resp: 764274

Ion Ratio Lower Upper

202 100

200 23.4 17.7 26.5

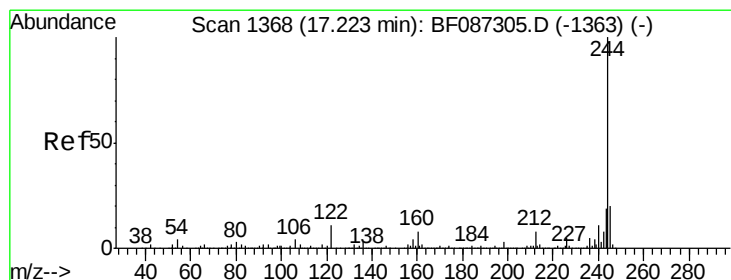
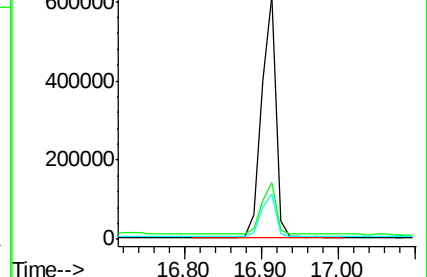
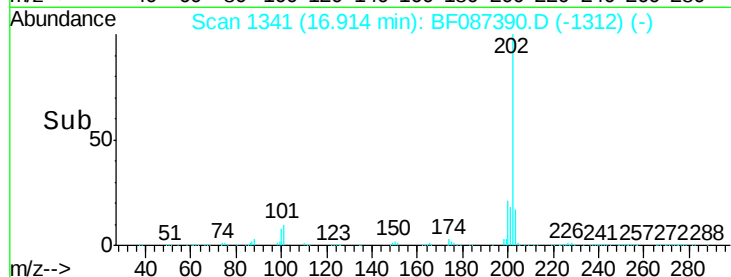
203 18.4 14.2 21.4



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: 66.88 ng

RT: 17.15 min Scan# 1362

Delta R.T. 0.02 min

Lab File: BF087390.D

Acq: 26 May 2016 1:55

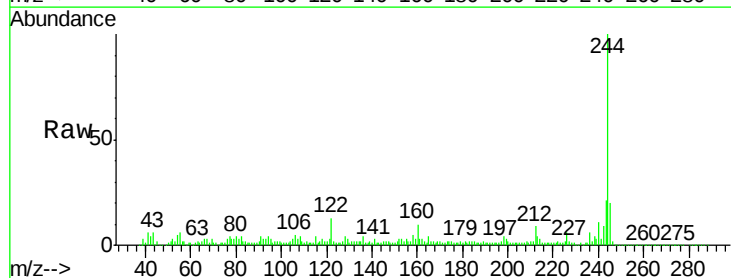
Tgt Ion:244 Resp: 702840

Ion Ratio Lower Upper

244 100

212 8.6 6.2 9.2

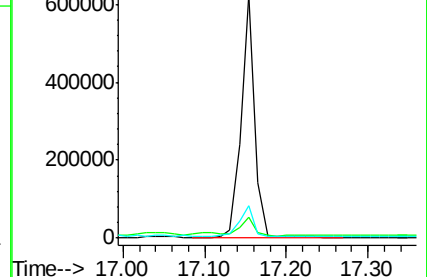
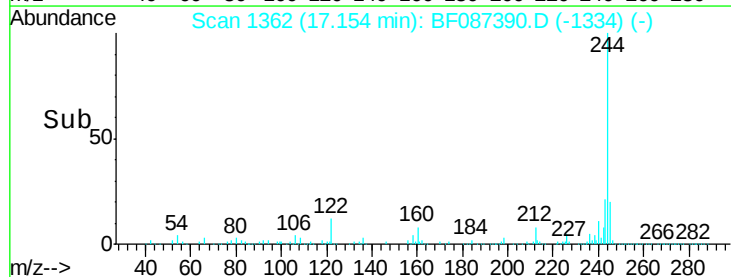
122 13.1 12.0 18.0

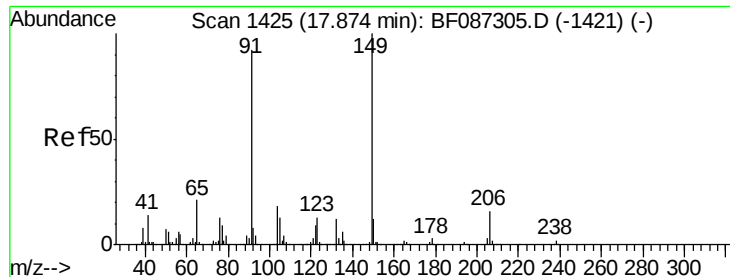


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

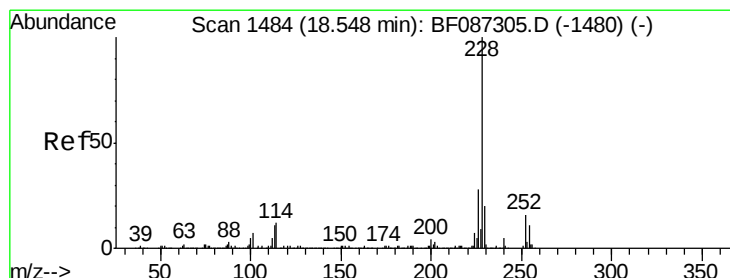
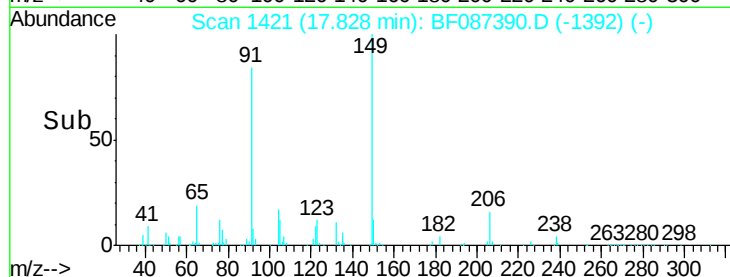
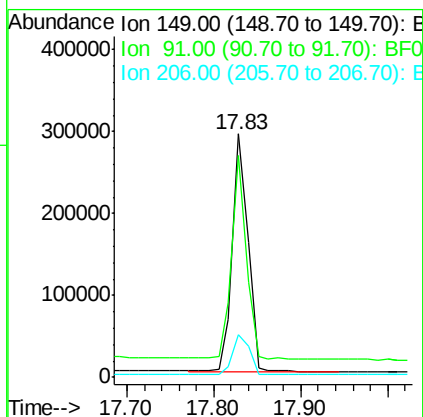
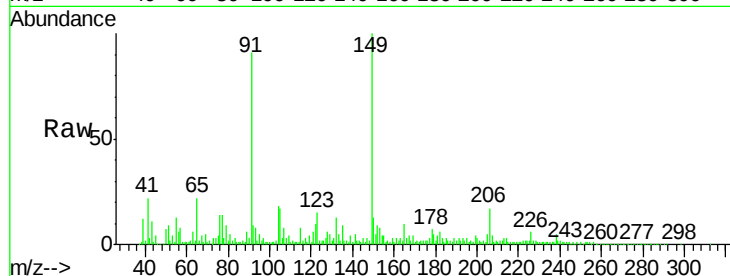




#79
Butylbenzylphthalate
Concen: 50.40 ng
RT: 17.83 min Scan# 1421
Delta R.T. 0.03 min
Lab File: BF087390.D
Acq: 26 May 2016 1:55

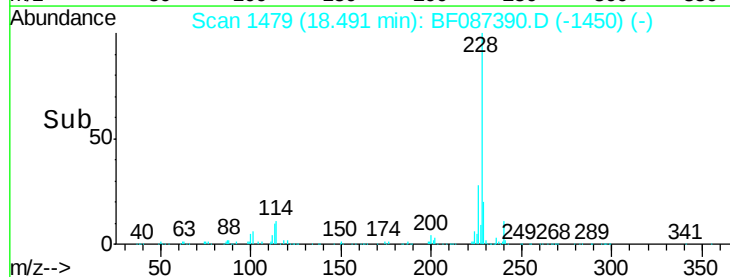
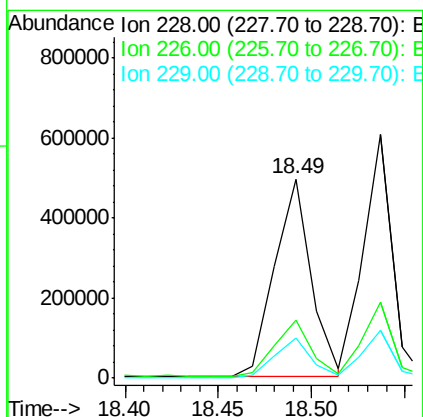
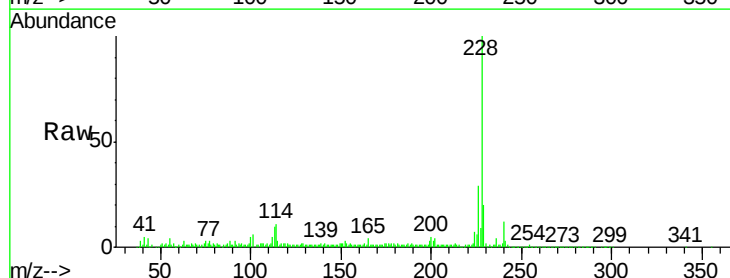
Instrument :
BNA_F
ClientSampleId :
DAY-1MS

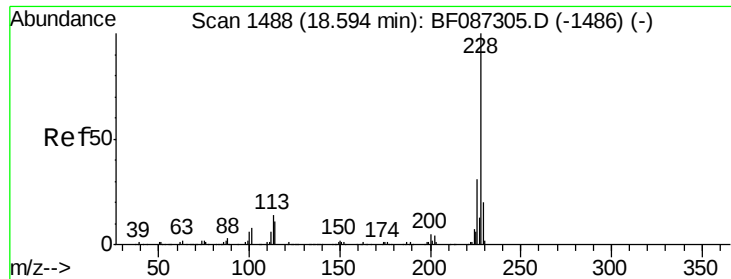
Tgt Ion:149 Resp: 359487
Ion Ratio Lower Upper
149 100
91 90.9 48.0 72.0#
206 17.4 15.8 23.6



#80
Benzo(a)anthracene
Concen: 53.01 ng
RT: 18.49 min Scan# 1479
Delta R.T. 0.03 min
Lab File: BF087390.D
Acq: 26 May 2016 1:55

Tgt Ion:228 Resp: 673661
Ion Ratio Lower Upper
228 100
226 28.9 22.5 33.7
229 20.2 16.6 25.0





#82

Chrysene

Concen: 51.17 ng

RT: 18.54 min Scan# 1483

Delta R.T. 0.02 min

Lab File: BF087390.D

Acq: 26 May 2016 1:55

Instrument :

BNA_F

ClientSampleId :

DAY-1MS

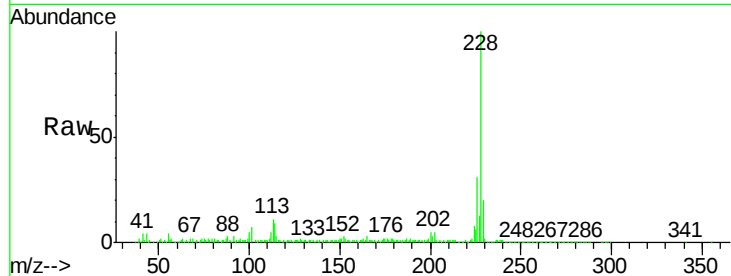
Tgt Ion: 228 Resp: 645408

Ion Ratio Lower Upper

228 100

226 31.3 24.4 36.6

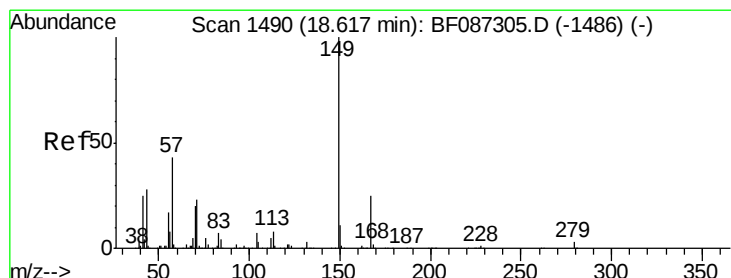
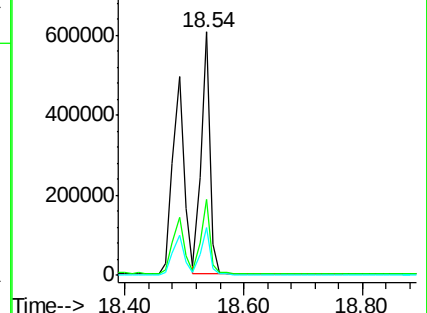
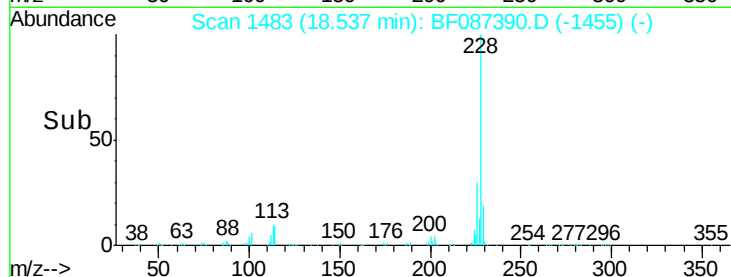
229 19.7 15.8 23.8



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: 48.57 ng

RT: 18.56 min Scan# 1485

Delta R.T. 0.02 min

Lab File: BF087390.D

Acq: 26 May 2016 1:55

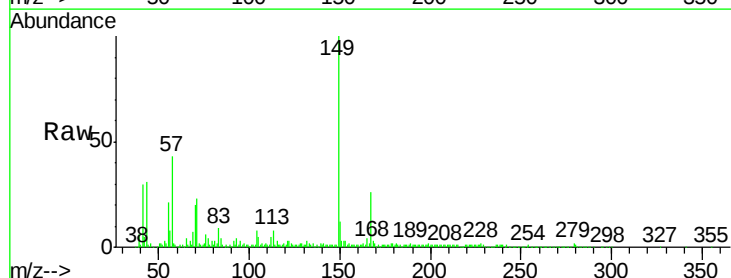
Tgt Ion: 149 Resp: 505503

Ion Ratio Lower Upper

149 100

167 25.6 21.8 32.6

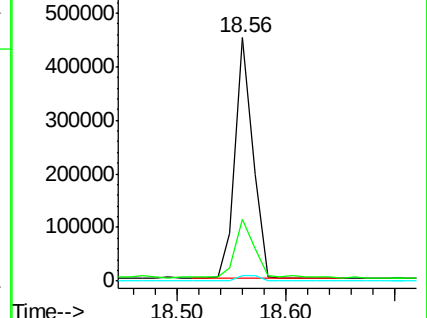
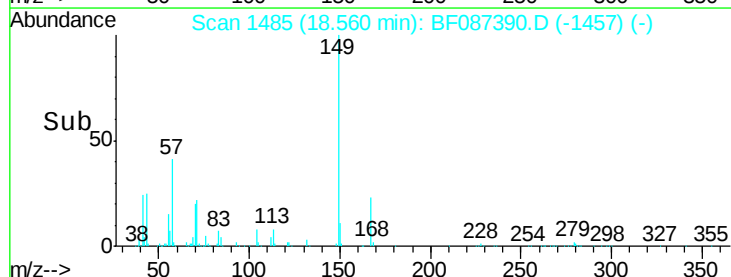
279 2.5 2.6 4.0#

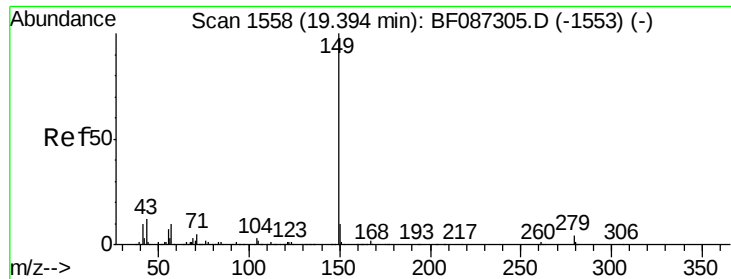


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#84

Di-n-octyl phthalate

Concen: 52.05 ng

RT: 19.33 min Scan# 1552

Delta R.T. 0.01 min

Lab File: BF087390.D

Acq: 26 May 2016 1:55

Instrument :

BNA_F

ClientSampleId :

DAY-1MS

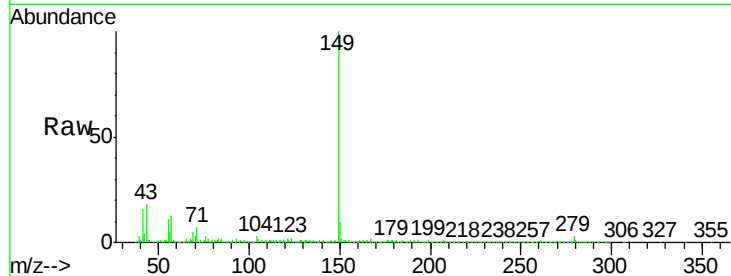
Tgt Ion:149 Resp: 826143

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

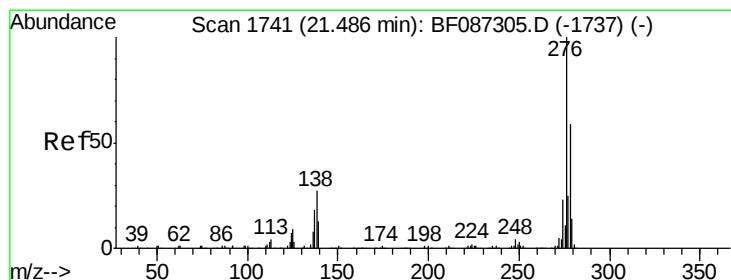
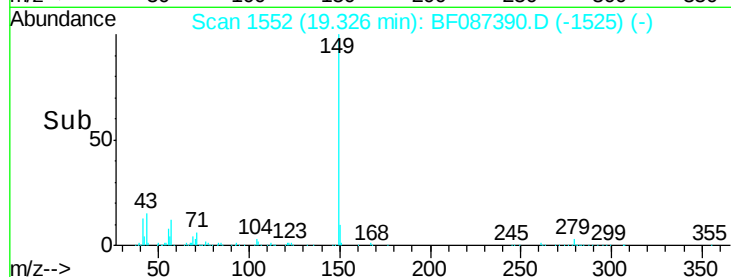
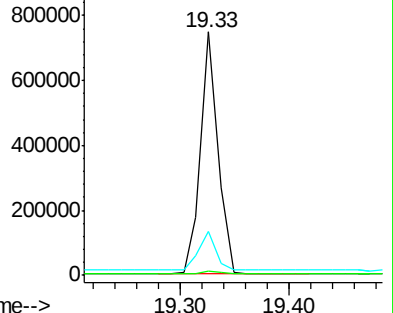
43 15.5 8.2 12.4#



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: 44.31 ng

RT: 21.39 min Scan# 1733

Delta R.T. 0.03 min

Lab File: BF087390.D

Acq: 26 May 2016 1:55

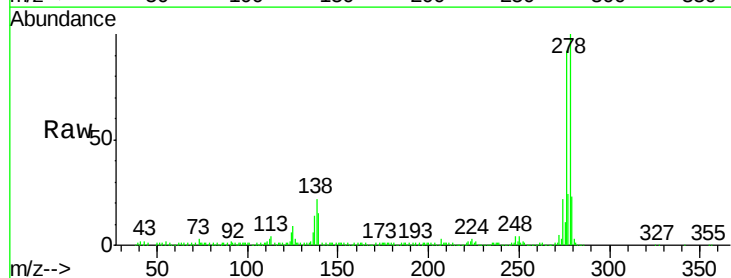
Tgt Ion:276 Resp: 447996

Ion Ratio Lower Upper

276 100

138 25.2 25.6 38.4#

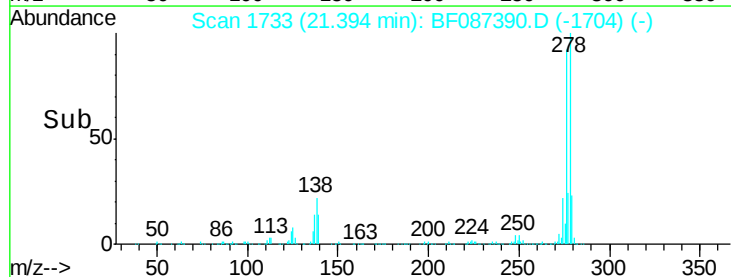
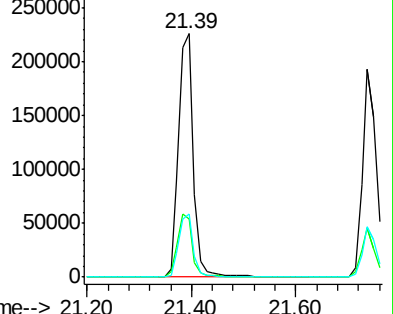
277 25.8 20.5 30.7

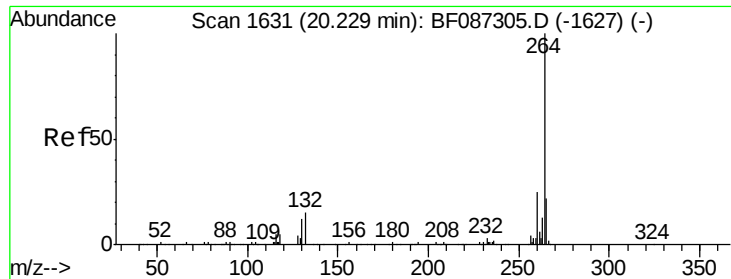


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

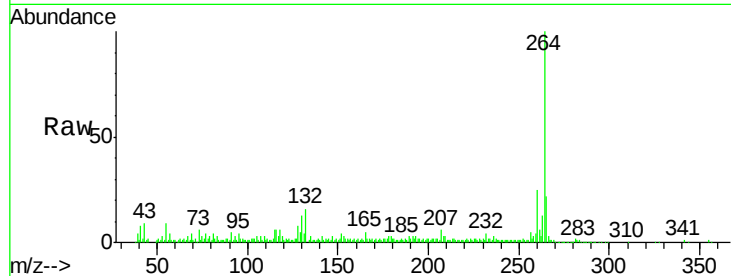




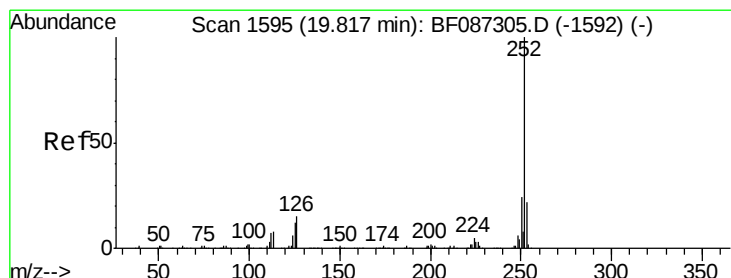
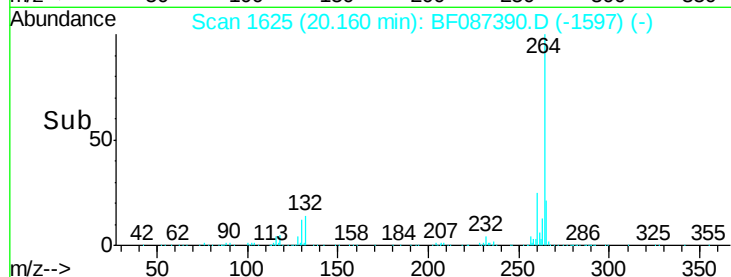
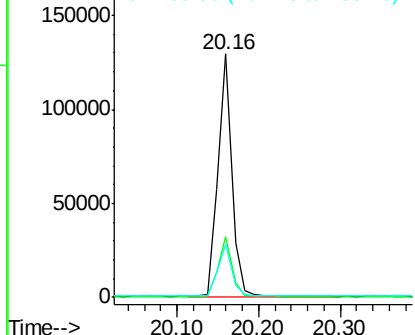
#86
Perylene-d12
Concen: 20.00 ng
RT: 20.16 min Scan# 1625
Delta R.T. 0.02 min
Lab File: BF087390.D
Acq: 26 May 2016 1:55

Instrument :
BNA_F
ClientSampleId :
DAY-1MS

Tgt Ion: 264 Resp: 152308
Ion Ratio Lower Upper
264 100
260 25.0 19.5 29.3
265 21.8 17.3 25.9

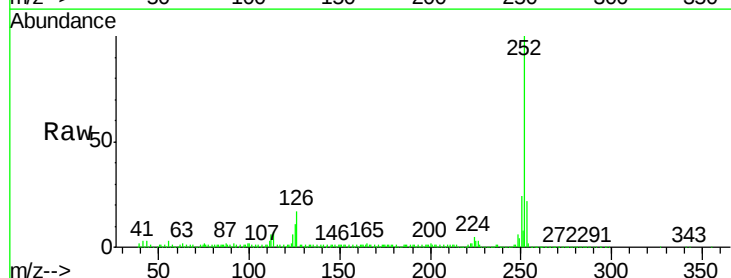


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

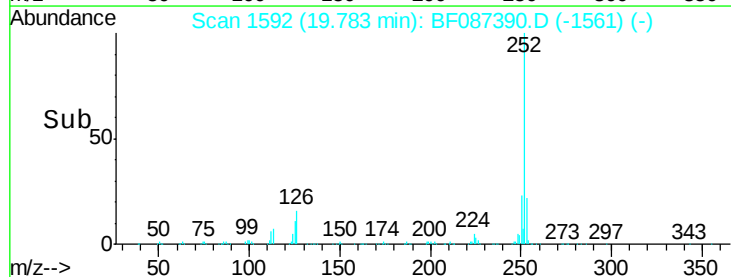
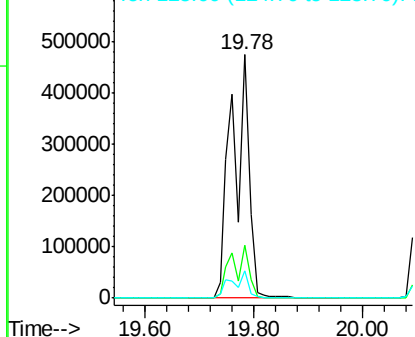


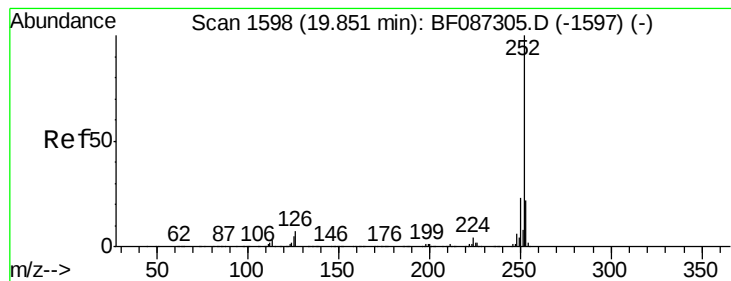
#87
Benzo(b)fluoranthene
Concen: 106.61 ng
RT: 19.78 min Scan# 1592
Delta R.T. 0.06 min
Lab File: BF087390.D
Acq: 26 May 2016 1:55

Tgt Ion: 252 Resp: 1034317
Ion Ratio Lower Upper
252 100
253 22.0 17.8 26.6
125 11.3 11.4 17.0#



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





#88

Benzo(k)fluoranthene

Concen: 123.86 ng

RT: 19.78 min Scan# 1592

Delta R.T. 0.02 min

Lab File: BF087390.D

Acq: 26 May 2016 1:55

Instrument :

BNA_F

ClientSampleId :

DAY-1MS

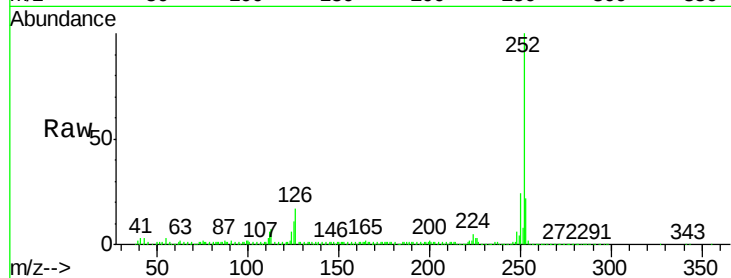
Tgt Ion:252 Resp: 1034317

Ion Ratio Lower Upper

252 100

253 22.0 17.8 26.6

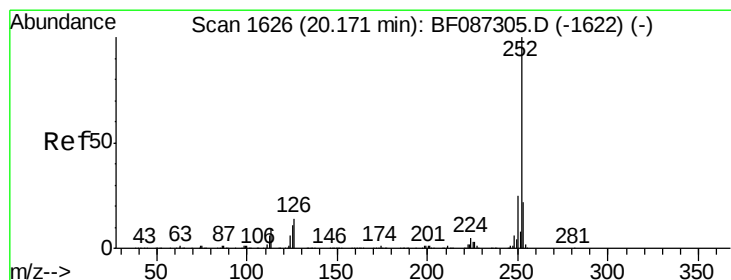
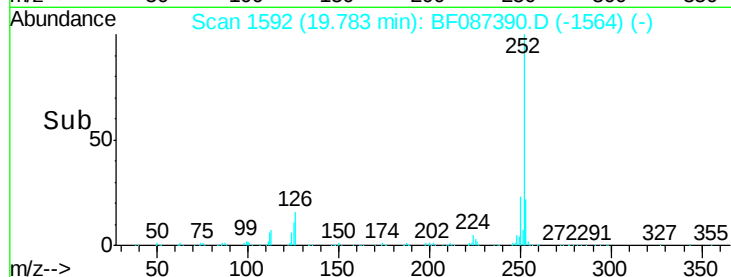
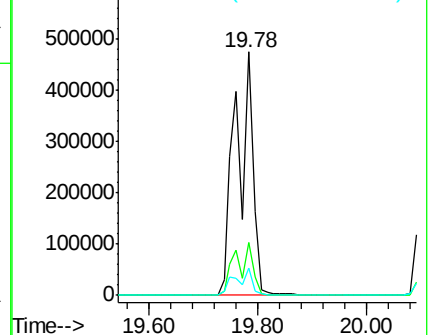
125 11.3 9.1 13.7



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#89

Benzo(a)pyrene

Concen: 53.69 ng

RT: 20.10 min Scan# 1620

Delta R.T. 0.02 min

Lab File: BF087390.D

Acq: 26 May 2016 1:55

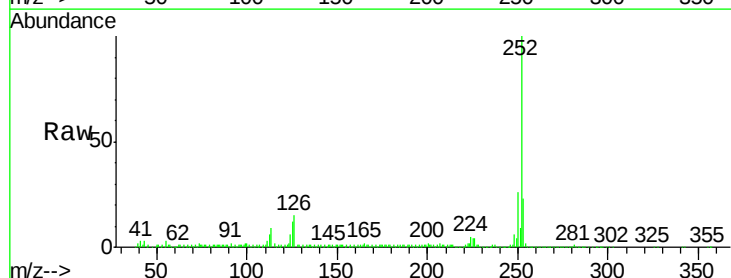
Tgt Ion:252 Resp: 450475

Ion Ratio Lower Upper

252 100

253 22.6 17.2 25.8

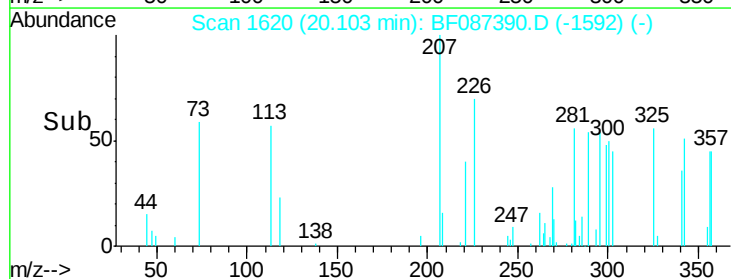
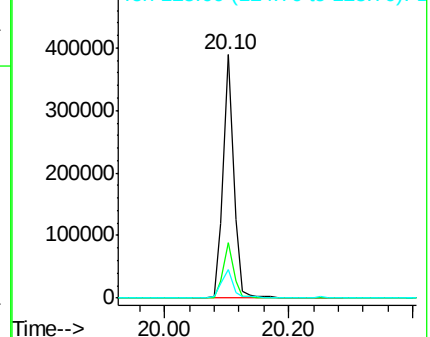
125 11.5 9.0 13.6

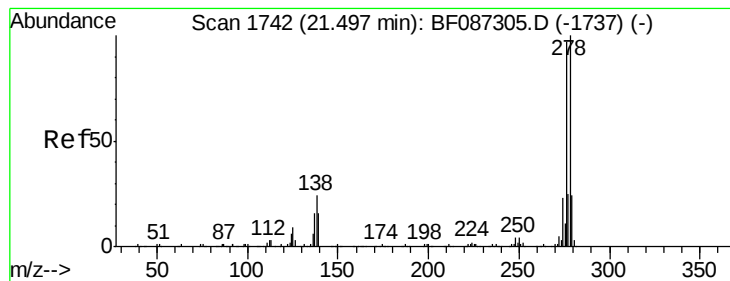


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#90

Dibenzo(a,h)anthracene

Concen: 53.70 ng

RT: 21.39 min Scan# 1733

Delta R.T. 0.03 min

Lab File: BF087390.D

Acq: 26 May 2016 1:55

Instrument :

BNA_F

ClientSampleId :

DAY-1MS

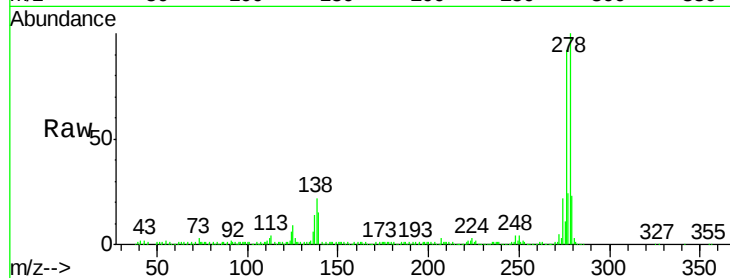
Tgt Ion: 278 Resp: 384310

Ion Ratio Lower Upper

278 100

139 14.7 16.6 24.8#

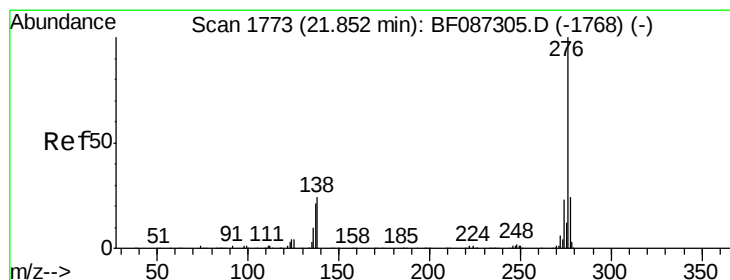
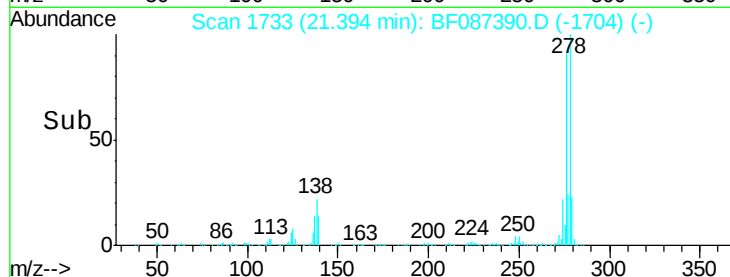
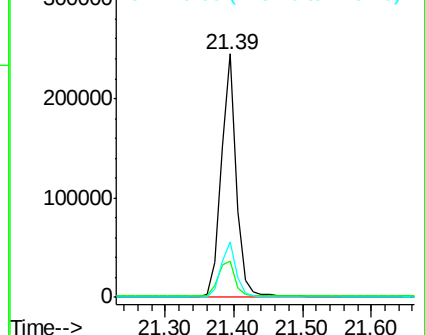
279 22.9 19.6 29.4



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: 50.46 ng

RT: 21.74 min Scan# 1763

Delta R.T. 0.02 min

Lab File: BF087390.D

Acq: 26 May 2016 1:55

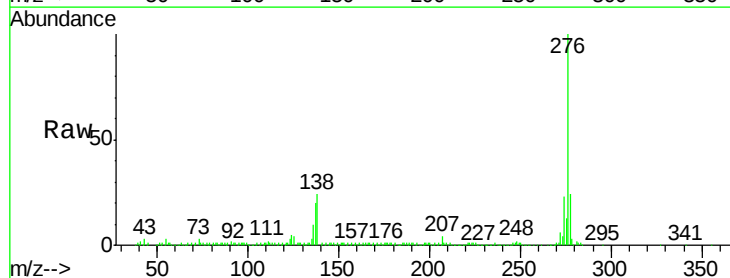
Tgt Ion: 276 Resp: 356321

Ion Ratio Lower Upper

276 100

277 24.1 19.6 29.4

138 23.6 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

