

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF060616\
 Data File : BF087772.D
 Acq On : 7 Jun 2016 3:26
 Operator : UM/SJ
 Sample : H3344-01DL 25X
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-49-060116MSD

Quant Time: Jun 07 06:49:14 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060416.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jun 04 11:07:28 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	107593	20.00	ng	-0.01
21) Naphthalene-d8	8.14	136	391633	20.00	ng	-0.01
38) Acenaphthene-d10	9.90	164	160297	20.00	ng	-0.01
63) Phenanthrene-d10	11.37	188	245768	20.00	ng	-0.01
75) Chrysene-d12	14.00	240	162745	20.00	ng	-0.02
86) Perylene-d12	15.43	264	143154	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.47	112	828406	124.45	ng	0.02
7) Phenol-d6	6.49	99	921064	110.33	ng	0.00
23) Nitrobenzene-d5	7.42	82	637184	94.13	ng	-0.01
41) 2,4,6-Tribromophenol	10.68	330	207847	129.17	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	1121741	129.70	ng	-0.01
78) Terphenyl-d14	12.96	244	791005	118.60	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.63	88	103299	32.10	ng	# 87
3) Pyridine	3.31	79	189934	22.34	ng	98
4) n-Nitrosodimethylamine	3.24	42	138917	38.69	ng	94
6) Aniline	6.51	93	153622	12.98	ng	# 33
8) 2-Chlorophenol	6.64	128	320483	41.84	ng	96
10) Phenol	6.50	94	278428	29.29	ng	76
11) bis(2-Chloroethyl)ether	6.59	93	286319	41.45	ng	93
12) 1,3-Dichlorobenzene	6.87	146	352505	42.98	ng	98
13) 1,4-Dichlorobenzene	6.87	146	352505	42.83	ng	97
14) 1,2-Dichlorobenzene	7.03	146	335972	43.55	ng	97
15) Benzyl Alcohol	7.00	79	258771	41.96	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.14	45	425178	42.21	ng	92
17) 2-Methylphenol	7.12	107	261738	42.56	ng	96
18) Hexachloroethane	7.37	117	103166	35.85	ng	98
19) n-Nitroso-di-n-propylamine	7.28	70	238129	45.67	ng	# 88
20) 3+4-Methylphenols	7.27	107	284062	37.70	ng	# 78
22) Acetophenone	7.27	105	403683	45.51	ng	# 89
24) Nitrobenzene	7.44	77	318084	46.95	ng	91
25) Isophorone	7.68	82	580490	47.10	ng	99
26) 2-Nitrophenol	7.76	139	144379	45.87	ng	# 73
27) 2,4-Dimethylphenol	7.79	122	274056	42.01	ng	95
28) bis(2-Chloroethoxy)methane	7.90	93	396571	50.73	ng	99
29) 2,4-Dichlorophenol	8.00	162	258210	48.19	ng	95
30) 1,2,4-Trichlorobenzene	8.08	180	374632	66.77	ng	99
31) Naphthalene	8.16	128	854678	44.88	ng	100
32) Benzoic acid	7.92	122	165853	42.14	ng	87
33) 4-Chloroaniline	8.20	127	76274	9.22	ng	98
34) Hexachlorobutadiene	8.28	225	146026	50.06	ng	99
35) Caprolactam	8.58	113	64315	36.54	ng	93
36) 4-Chloro-3-methylphenol	8.70	107	242620	43.78	ng	97
37) 2-Methylnaphthalene	8.86	142	596168	47.41	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.02	216	226378	51.24	ng	# 1
40) Hexachlorocyclopentadiene	9.00	237	53052	20.42	ng	99
42) 2,4,6-Trichlorophenol	9.13	196	160132	48.00	ng	97

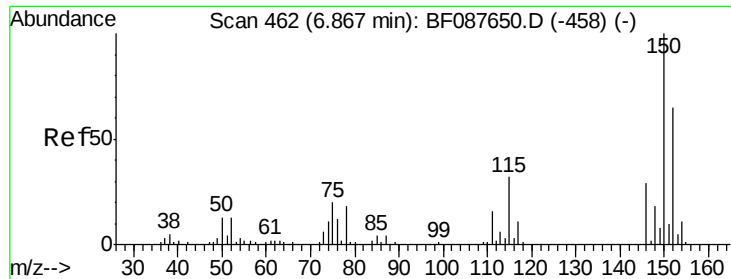
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	9.18	196	152360	49.07	ng	# 93
45) 1,1'-Biphenyl	9.31	154	614415	47.23	ng	99
46) 2-Chloronaphthalene	9.34	162	492790	47.59	ng	100
47) 2-Nitroaniline	9.44	65	161035	55.23	ng	# 67
48) Acenaphthylene	9.76	152	781918	48.42	ng	99
49) Dimethylphthalate	9.62	163	662251	56.83	ng	99
50) 2,6-Dinitrotoluene	9.68	165	124686	47.03	ng	# 85
51) Acenaphthene	9.93	154	466148	44.86	ng	100
52) 3-Nitroaniline	9.84	138	107421	35.42	ng	98
53) 2,4-Dinitrophenol	9.94	184	13901	14.87	ng	94
54) Dibenzofuran	10.10	168	688468	48.67	ng	100
55) 4-Nitrophenol	10.01	139	163348	63.02	ng	# 63
56) 2,4-Dinitrotoluene	10.08	165	149415	44.25	ng	92
57) Fluorene	10.44	166	481847	43.57	ng	98
58) 2,3,4,6-Tetrachlorophenol	10.22	232	116255	43.46	ng	# 53
59) Diethylphthalate	10.32	149	600300	51.29	ng	100
60) 4-Chlorophenyl-phenylether	10.43	204	222992	61.89	ng	100
61) 4-Nitroaniline	10.46	138	134058	45.98	ng	99
62) Azobenzene	10.59	77	553051	46.95	ng	96
64) 4,6-Dinitro-2-methylphenol	10.48	198	13168	11.25	ng	97
65) n-Nitrosodiphenylamine	10.55	169	412667	51.26	ng	99
66) 4-Bromophenyl-phenylether	10.93	248	142016	58.27	ng	94
67) Hexachlorobenzene	10.98	284	136695	50.16	ng	99
68) Atrazine	11.07	200	75774	31.78	ng	90
69) Pentachlorophenol	11.18	266	127623	78.81	ng	99
70) Phenanthrene	11.39	178	602869	45.24	ng	100
71) Anthracene	11.45	178	689095	51.61	ng	99
72) Carbazole	11.60	167	558355	44.18	ng	100
73) Di-n-butylphthalate	11.94	149	846898	62.50	ng	98
74) Fluoranthene	12.58	202	655535	49.99	ng	98
76) Benzidine	12.70	184	102958	16.04	ng	99
77) Pyrene	12.81	202	676798	58.40	ng	99
79) Butylbenzylphthalate	13.43	149	293849	59.58	ng	# 77
80) Benzo(a)anthracene	13.99	228	517658	55.11	ng	99
81) 3,3'-Dichlorobenzidine	13.95	252	123085	46.45	ng	# 94
82) Chrysene	14.03	228	534945	57.22	ng	98
83) Bis(2-ethylhexyl)phthalate	14.00	149	401036	68.33	ng	# 95
84) Di-n-octyl phthalate	14.61	149	714256	65.46	ng	# 100
85) Indeno(1,2,3-cd)pyrene	16.81	276	416945	53.96	ng	# 100
87) Benzo(b)fluoranthene	15.05	252	880122	94.51	ng	99
88) Benzo(k)fluoranthene	15.05	252	880131	113.60	ng	# 95
89) Benzo(a)pyrene	15.37	252	411429	52.56	ng	# 95
90) Dibenzo(a,h)anthracene	16.83	278	352994	52.99	ng	99
91) Benzo(g,h,i)perylene	17.23	276	332798	49.51	ng	98

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.86 min Scan# 461

Delta R.T. -0.01 min

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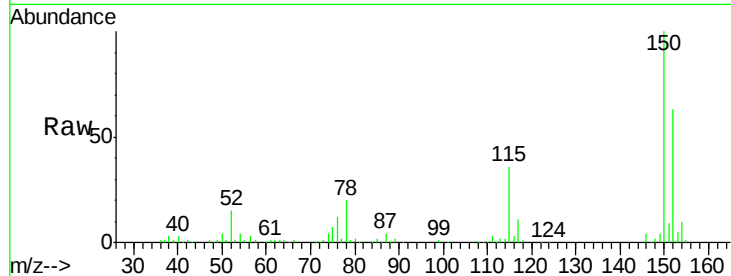
Tgt Ion:152 Resp: 107593

Ion Ratio Lower Upper

152 100

150 157.5 123.8 185.6

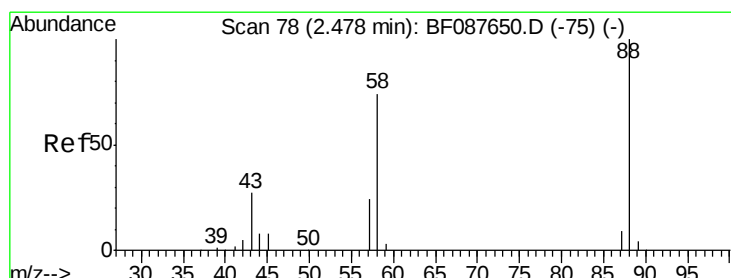
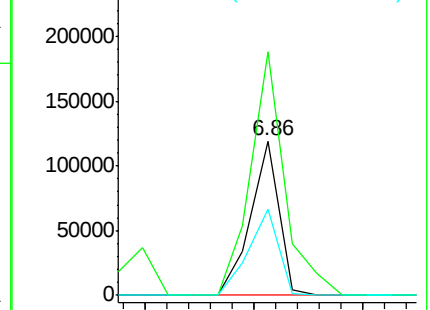
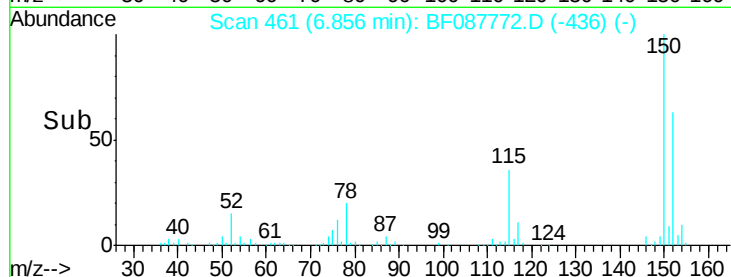
115 56.0 39.6 59.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 32.10 ng

RT: 2.63 min Scan# 91

Delta R.T. 0.15 min

Lab File: BF087772.D

Acq: 7 Jun 2016 3:26

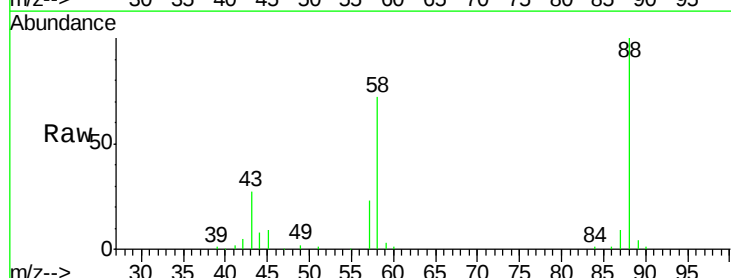
Tgt Ion: 88 Resp: 103299

Ion Ratio Lower Upper

88 100

58 76.6 0.0 0.0#

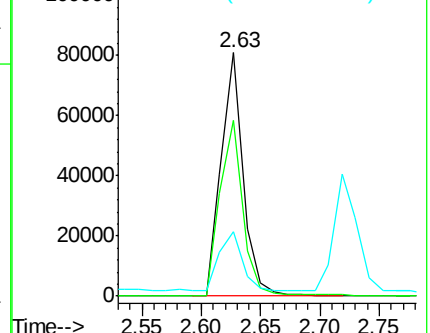
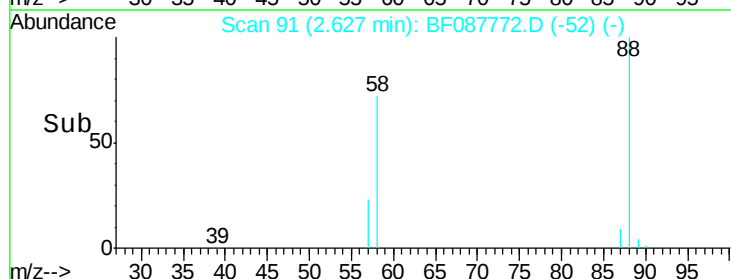
43 0.0 3.4 5.2#

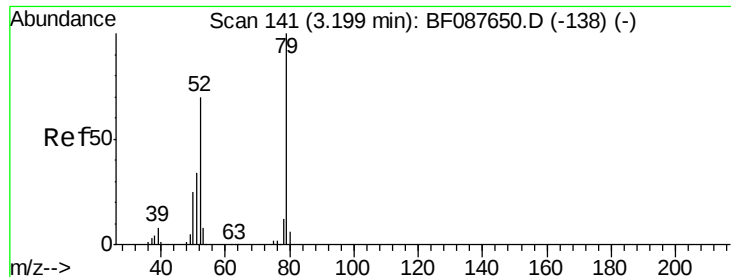


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 22.34 ng

RT: 3.31 min Scan# 151

Delta R.T. 0.11 min

Lab File: BF087772.D

Acq: 7 Jun 2016 3:26

Instrument :

BNA_F

ClientSampleId :

HSR-WC-49-060116MSD

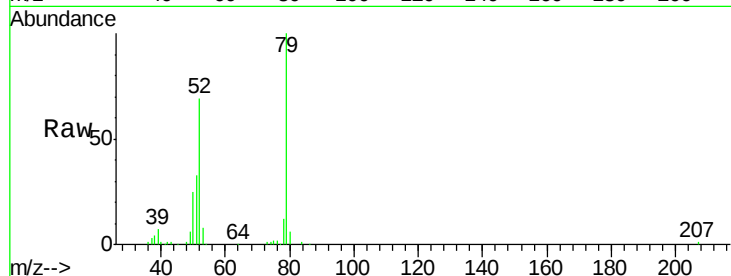
Tgt Ion: 79 Resp: 189934

Ion Ratio Lower Upper

79 100

52 68.9 56.3 84.5

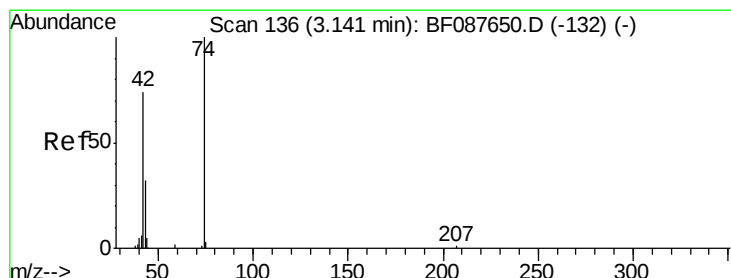
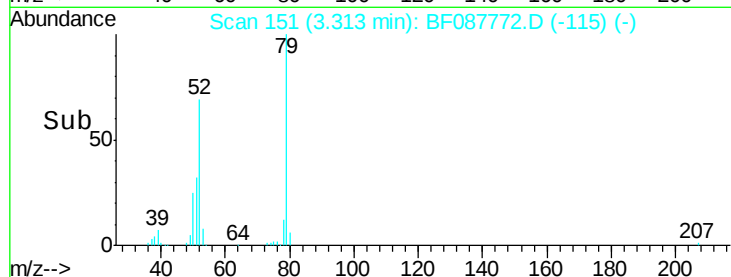
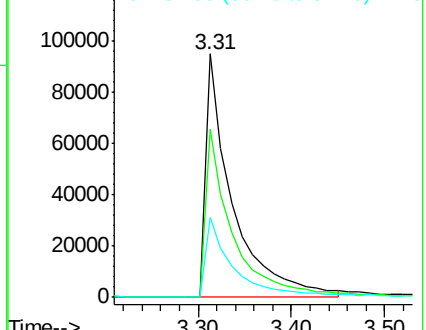
51 32.8 27.4 41.2



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 38.69 ng

RT: 3.24 min Scan# 145

Delta R.T. 0.10 min

Lab File: BF087772.D

Acq: 7 Jun 2016 3:26

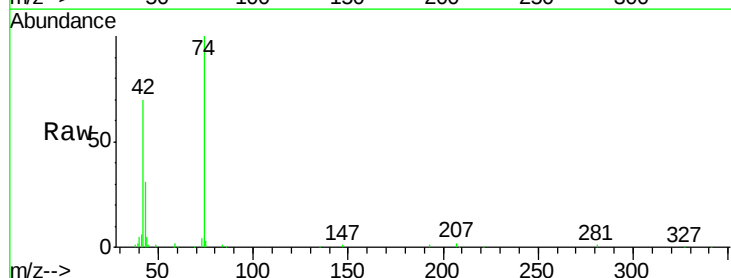
Tgt Ion: 42 Resp: 138917

Ion Ratio Lower Upper

42 100

74 143.0 108.6 163.0

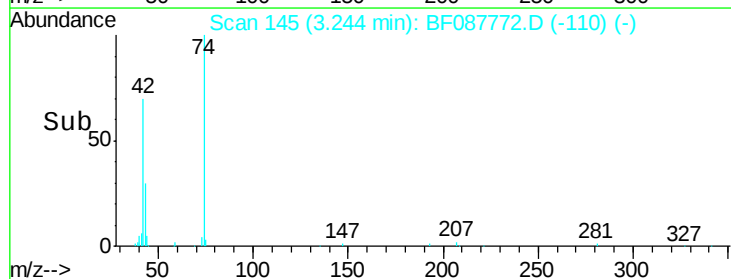
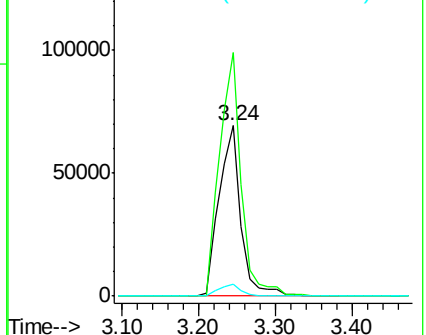
44 7.1 5.5 8.3

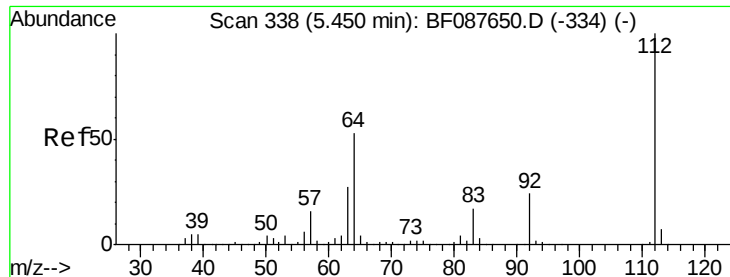


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 124.45 ng

RT: 5.47 min Scan# 340

Delta R.T. 0.02 min

Lab File: BF087772.D

Acq: 7 Jun 2016 3:26

Instrument :

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ClientSampleId :

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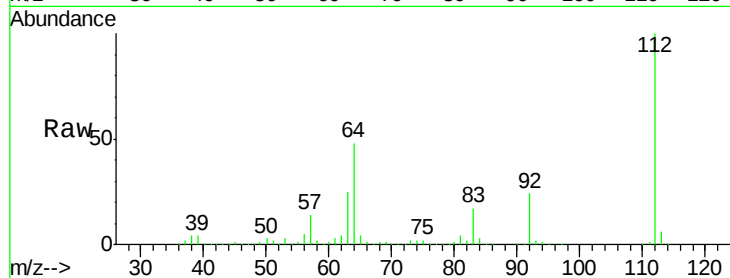
Tgt Ion: 112 Resp: 828406

Ion Ratio Lower Upper

112 100

64 47.9 42.2 63.2

63 24.8 21.8 32.8



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

800000

600000

400000

200000

0

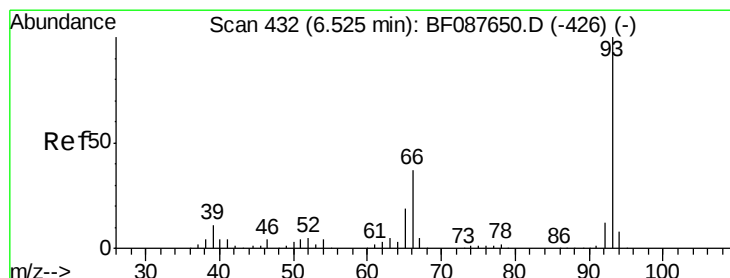
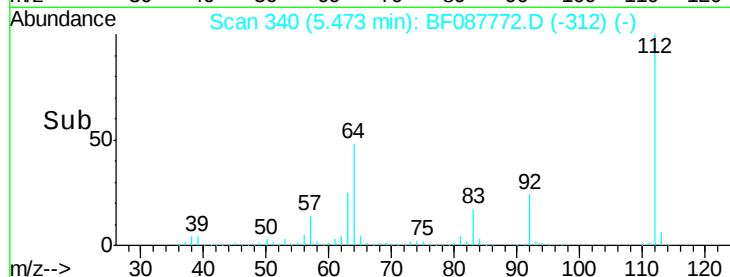
5.40

5.47

5.50

5.60

Time-->



#6

Aniline

Concen: 12.98 ng

RT: 6.51 min Scan# 431

Delta R.T. -0.01 min

Lab File: BF087772.D

Acq: 7 Jun 2016 3:26

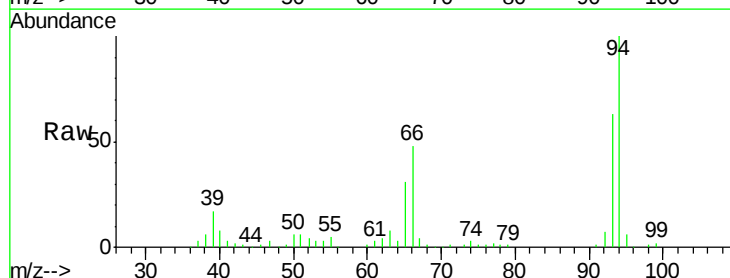
Tgt Ion: 93 Resp: 153622

Ion Ratio Lower Upper

93 100

66 77.1 29.8 44.8#

65 49.5 14.9 22.3#



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

400000

300000

200000

100000

0

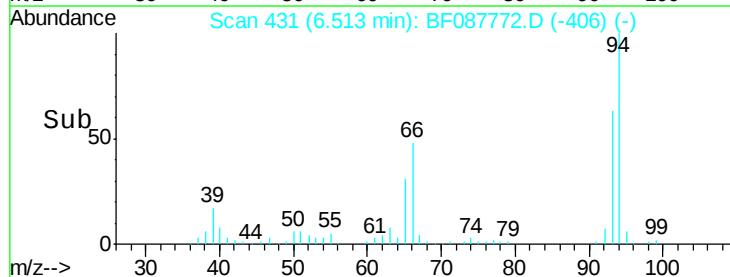
6.45

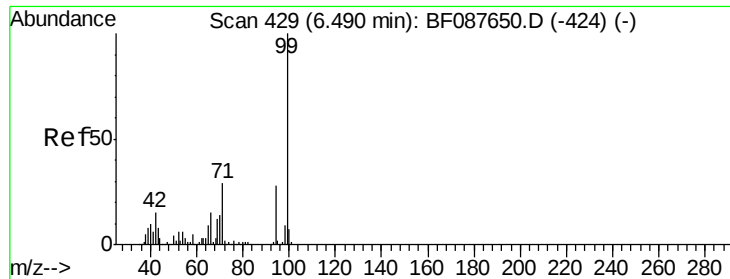
6.50

6.51

6.55

Time-->





#7

Phenol-d6

Concen: 110.33 ng

RT: 6.49 min Scan# 429

Delta R.T. 0.00 min

Lab File: BF087772.D

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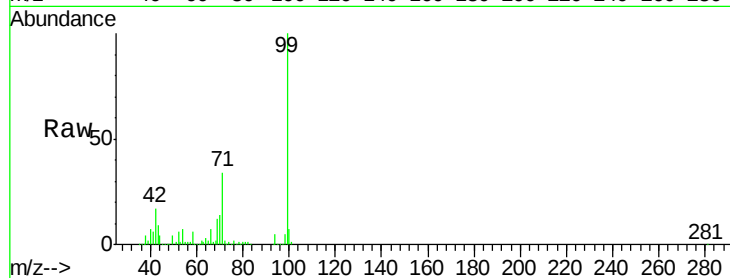
Tgt Ion: 99 Resp: 921064

Ion Ratio Lower Upper

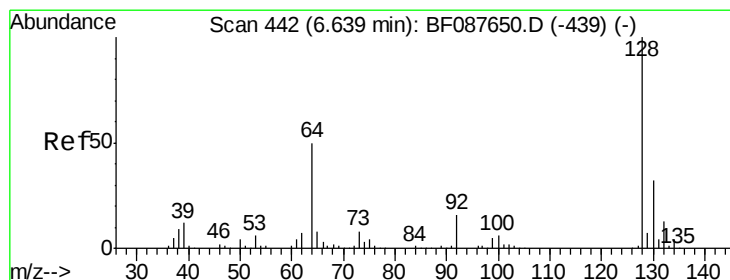
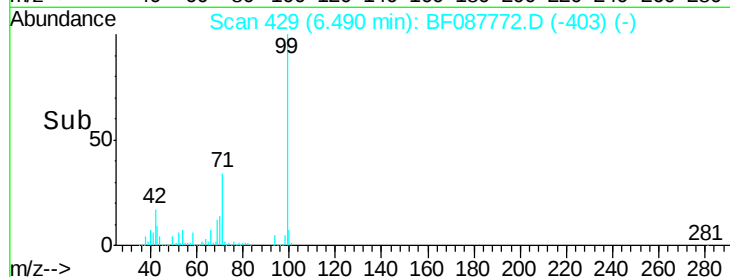
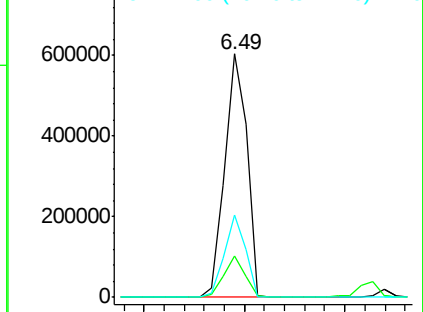
99 100

42 17.2 12.2 18.2

71 33.6 23.4 35.0



Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 41.84 ng

RT: 6.64 min Scan# 442

Delta R.T. 0.00 min

Lab File: BF087772.D

Acq: 7 Jun 2016 3:26

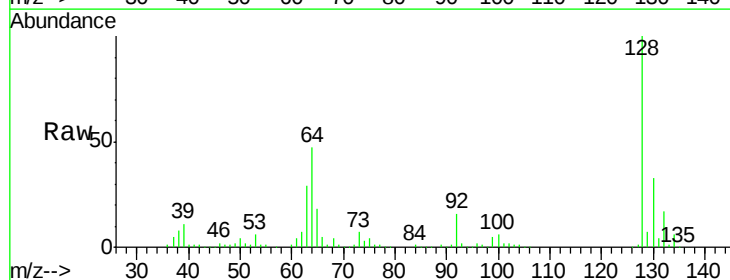
Tgt Ion: 128 Resp: 320483

Ion Ratio Lower Upper

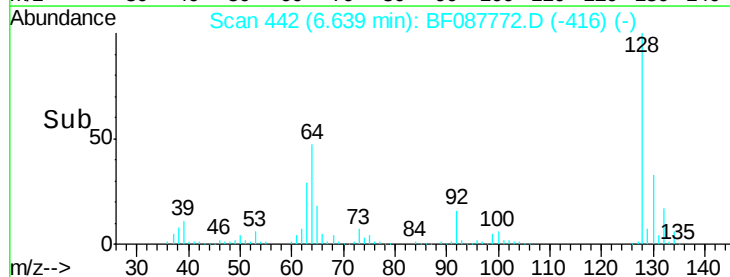
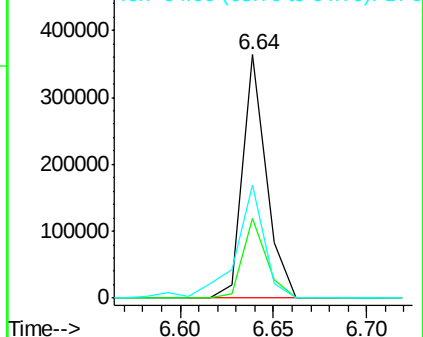
128 100

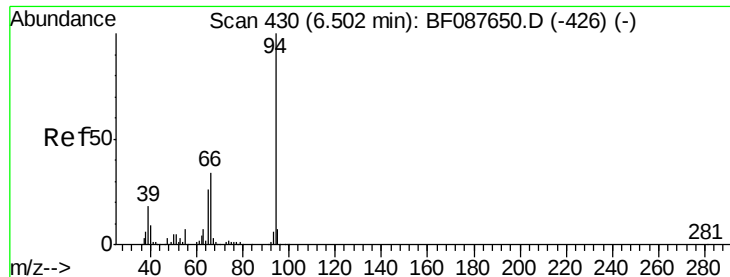
130 32.6 12.0 52.0

64 46.5 30.8 70.8



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF0





#10

Phenol

Concen: 29.29 ng

RT: 6.50 min Scan# 430

Delta R.T. 0.00 min

Lab File: BF087772.D

Acq: 7 Jun 2016 3:26

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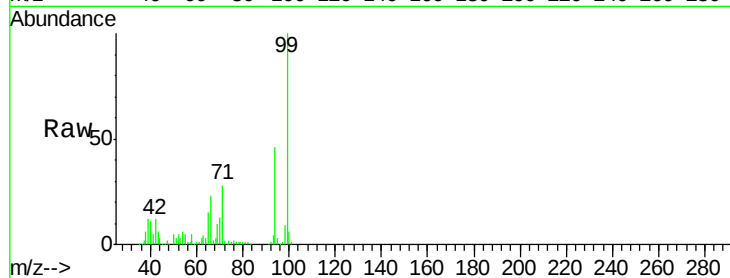
Tgt Ion: 94 Resp: 278428

Ion Ratio Lower Upper

94 100

65 33.5 5.9 45.9

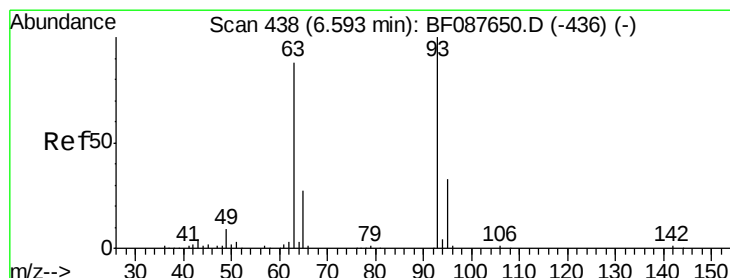
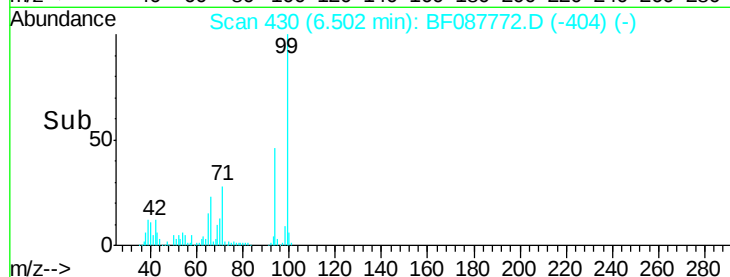
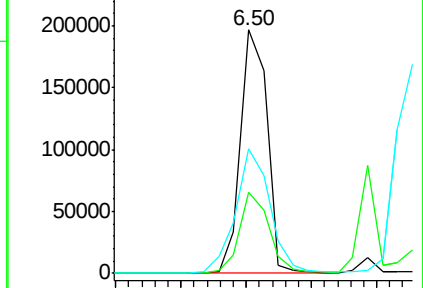
66 51.4 14.0 54.0



Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0



#11

bis(2-Chloroethyl)ether

Concen: 41.45 ng

RT: 6.59 min Scan# 438

Delta R.T. 0.00 min

Lab File: BF087772.D

Acq: 7 Jun 2016 3:26

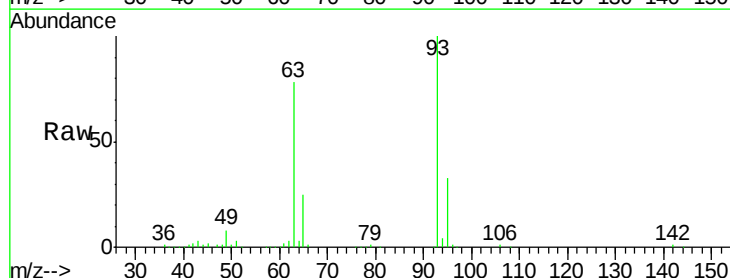
Tgt Ion: 93 Resp: 286319

Ion Ratio Lower Upper

93 100

63 78.5 67.6 107.6

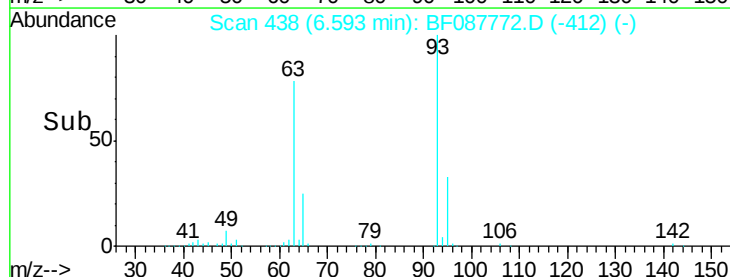
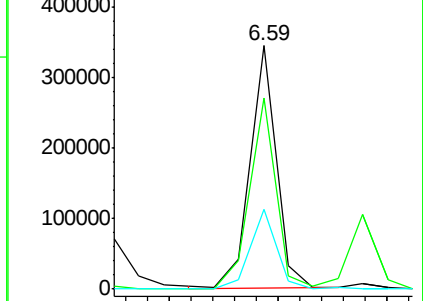
95 32.9 12.5 52.5

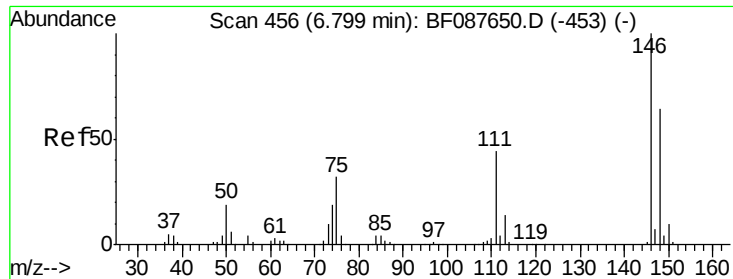


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0





#12

1,3-Dichlorobenzene

Concen: 42.98 ng

RT: 6.87 min Scan# 462

Delta R.T. 0.07 min

Lab File: BF087772.D

Acq: 7 Jun 2016 3:26

Instrument :

BNA_F

ClientSampleId :

HSR-WC-49-060116MSD

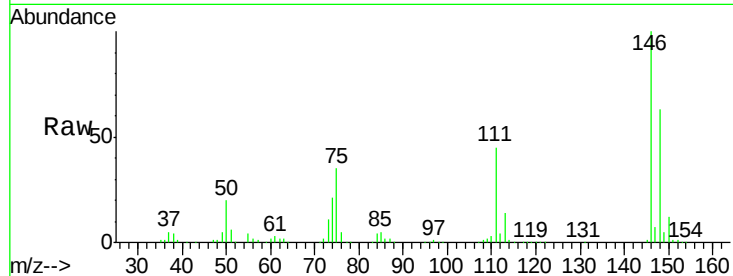
Tgt Ion:146 Resp: 352505

Ion Ratio Lower Upper

146 100

148 63.1 50.9 76.3

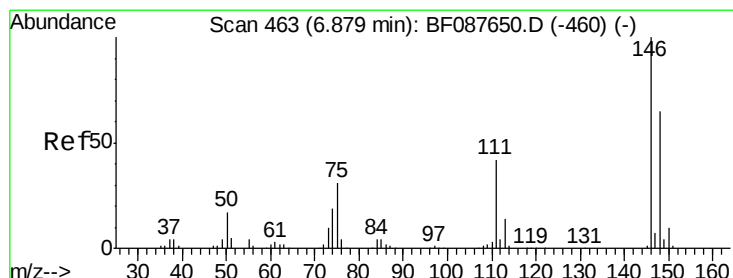
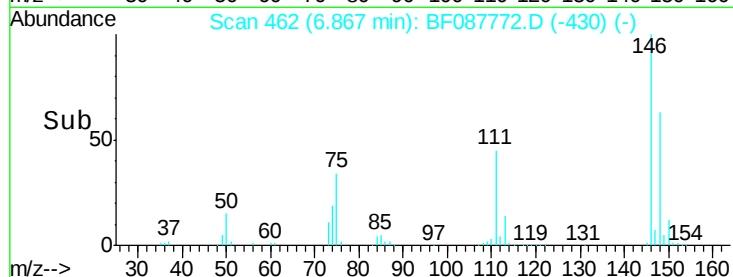
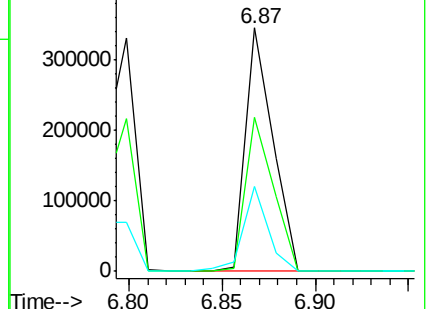
75 34.8 25.6 38.4



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0



#13

1,4-Dichlorobenzene

Concen: 42.83 ng

RT: 6.87 min Scan# 462

Delta R.T. -0.01 min

Lab File: BF087772.D

Acq: 7 Jun 2016 3:26

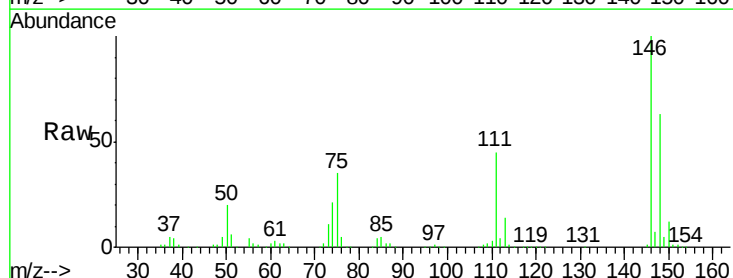
Tgt Ion:146 Resp: 352505

Ion Ratio Lower Upper

146 100

148 63.1 52.0 78.0

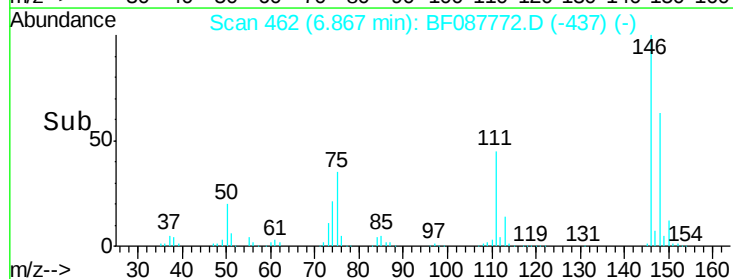
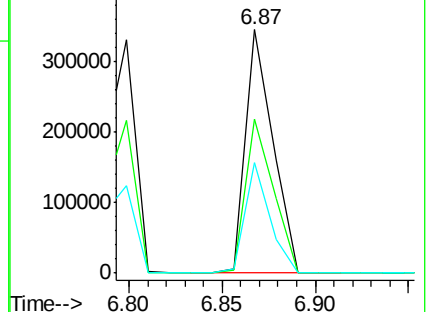
111 45.2 33.8 50.8

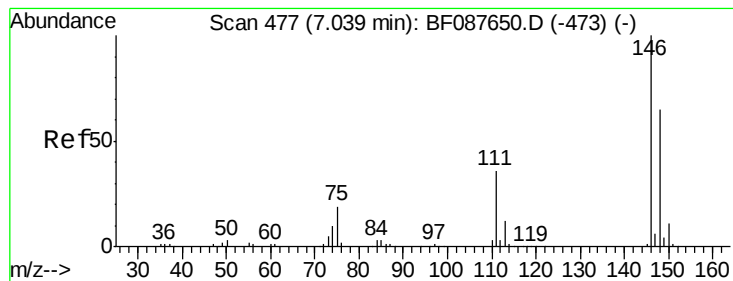


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

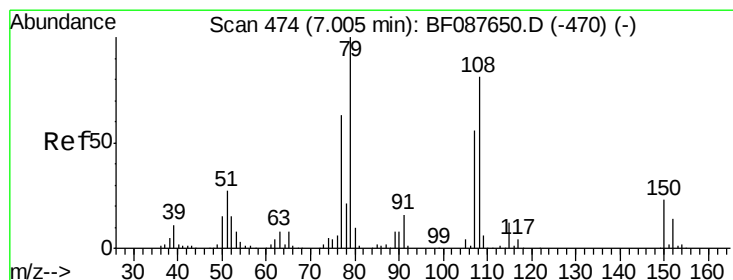
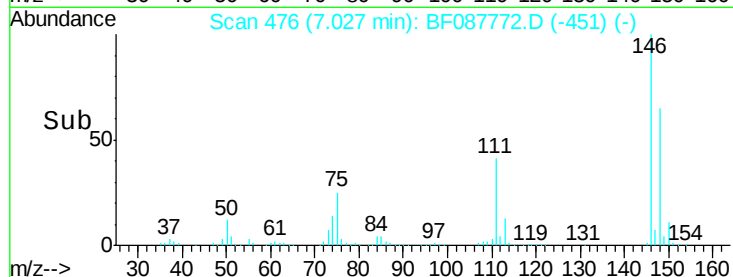
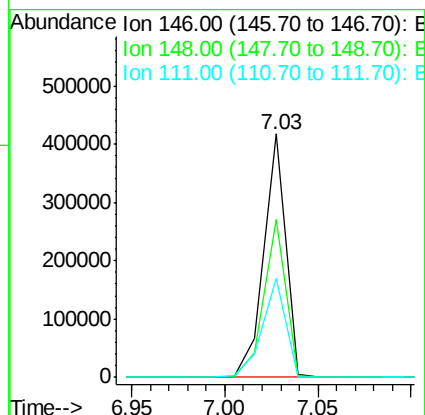
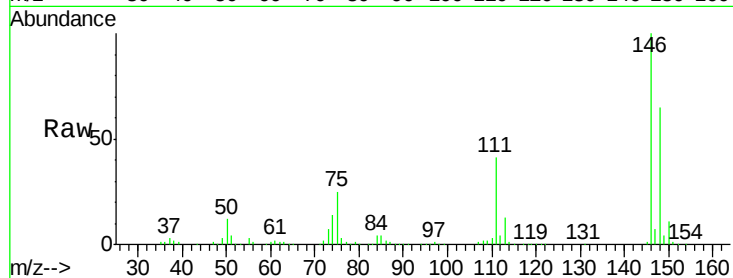




#14
 1,2-Dichlorobenzene
 Concen: 43.55 ng
 RT: 7.03 min Scan# 476
 Delta R.T. -0.01 min
 Lab File: BF087772.D
 Acq: 7 Jun 2016 3:26

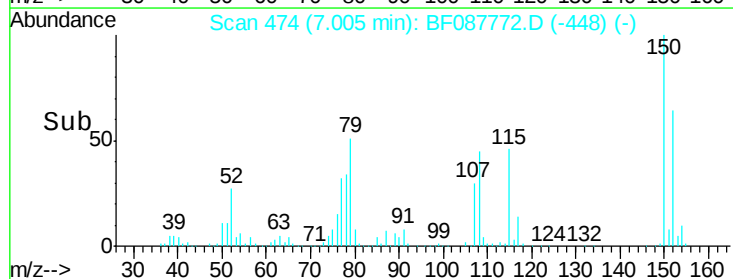
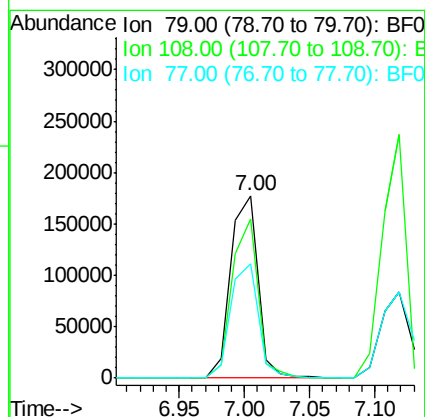
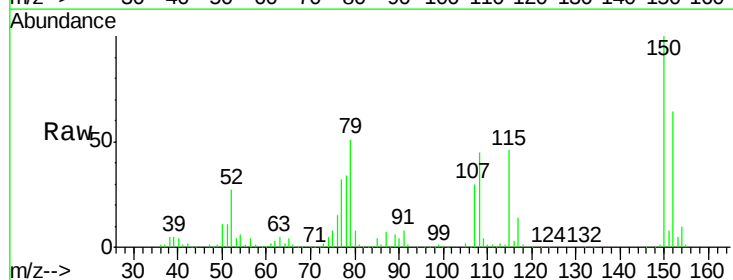
Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-49-060116MSD

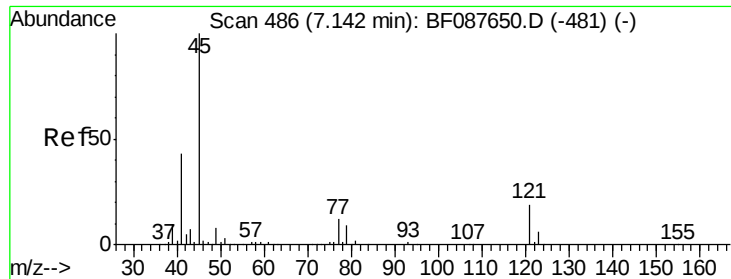
Tgt Ion: 146 Resp: 335972
 Ion Ratio Lower Upper
 146 100
 148 64.9 52.3 78.5
 111 40.9 28.7 43.1



#15
 Benzyl Alcohol
 Concen: 41.96 ng
 RT: 7.00 min Scan# 474
 Delta R.T. 0.00 min
 Lab File: BF087772.D
 Acq: 7 Jun 2016 3:26

Tgt Ion: 79 Resp: 258771
 Ion Ratio Lower Upper
 79 100
 108 86.9 65.0 97.6
 77 62.8 50.3 75.5

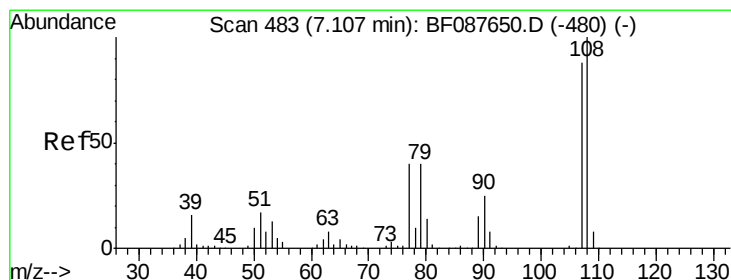
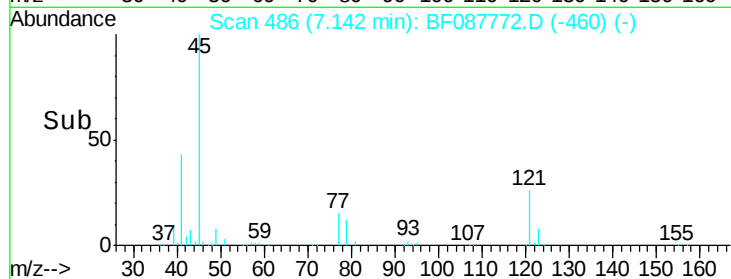
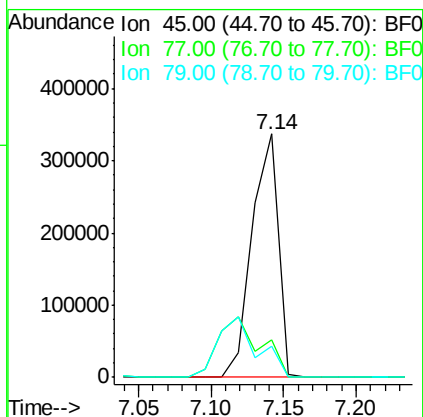
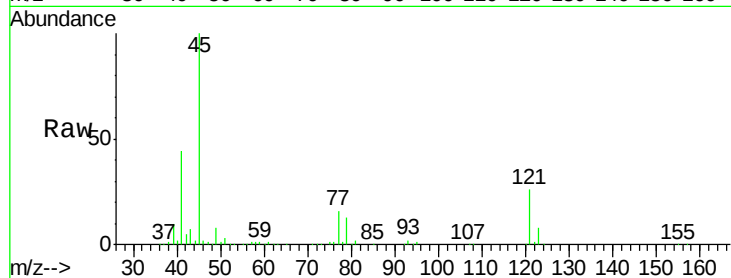




#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.21 ng
RT: 7.14 min Scan# 486
Delta R.T. 0.00 min
Lab File: BF087772.D
Acq: 7 Jun 2016 3:26

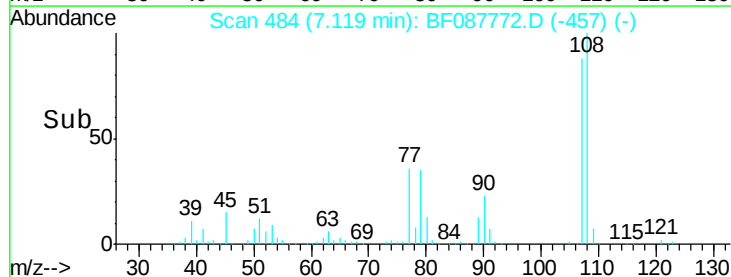
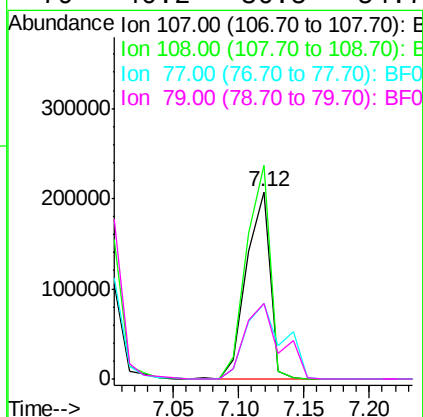
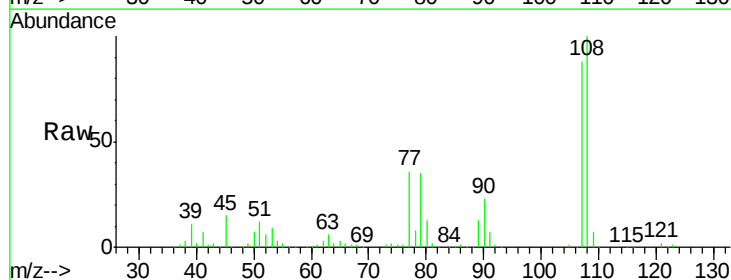
Instrument :
BNA_F
ClientSampleId :
HSR-WC-49-060116MSD

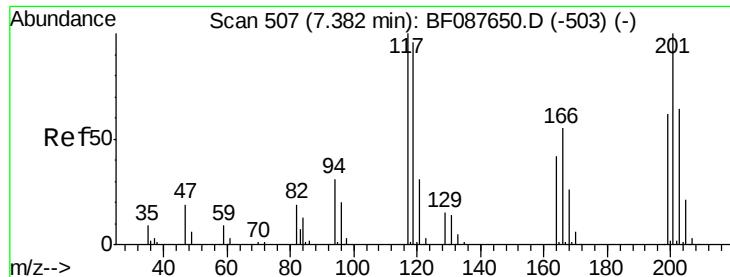
Tgt Ion: 45 Resp: 425178
Ion Ratio Lower Upper
45 100
77 15.6 0.0 32.5
79 12.8 0.0 29.5



#17
2-Methylphenol
Concen: 42.56 ng
RT: 7.12 min Scan# 484
Delta R.T. 0.01 min
Lab File: BF087772.D
Acq: 7 Jun 2016 3:26

Tgt Ion: 107 Resp: 261738
Ion Ratio Lower Upper
107 100
108 114.2 90.9 136.3
77 40.7 36.6 55.0
79 40.2 36.5 54.7

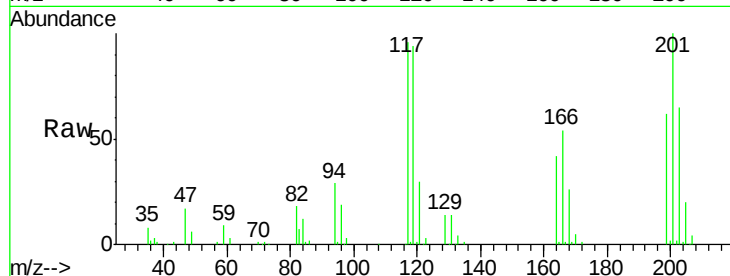




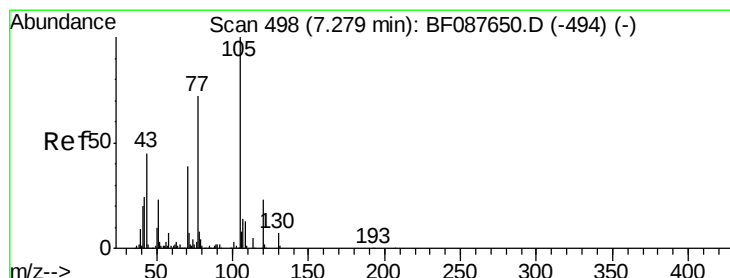
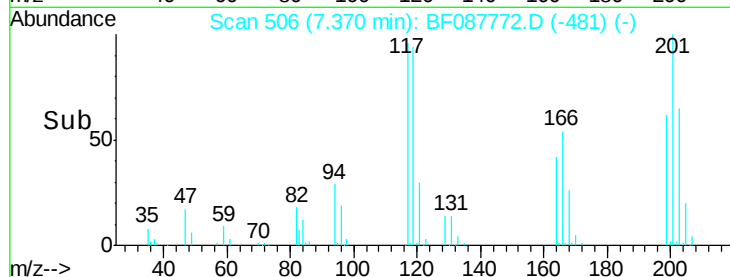
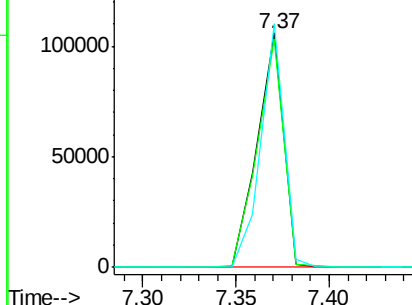
#18
Hexachloroethane
Concen: 35.85 ng
RT: 7.37 min Scan# 506
Delta R.T. -0.01 min
Lab File: BF087772.D
Acq: 7 Jun 2016 3:26

Instrument :
BNA_F
ClientSampleId :
HSR-WC-49-060116MSD

Tgt Ion: 117 Resp: 103166
Ion Ratio Lower Upper
117 100
119 97.5 77.4 116.2
201 104.0 80.4 120.6

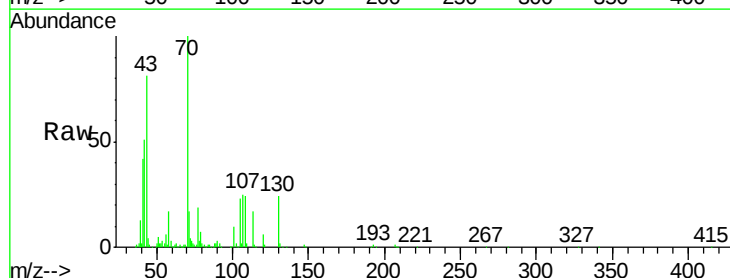


Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

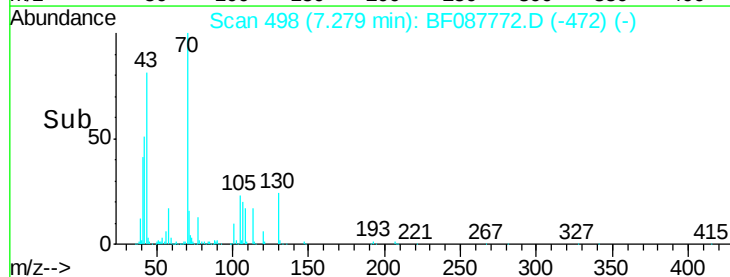
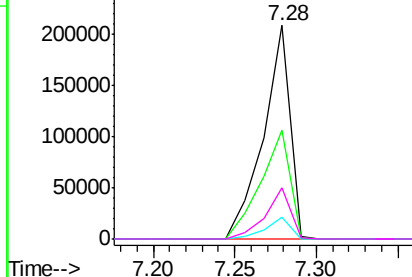


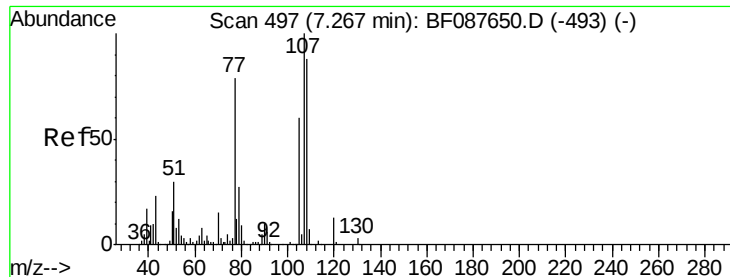
#19
n-Nitroso-di-n-propylamine
Concen: 45.67 ng
RT: 7.28 min Scan# 498
Delta R.T. 0.00 min
Lab File: BF087772.D
Acq: 7 Jun 2016 3:26

Tgt Ion: 70 Resp: 238129
Ion Ratio Lower Upper
70 100
42 50.9 49.6 74.4
101 10.2 7.1 10.7
130 24.0 15.4 23.2#



Abundance Ion 70.00 (69.70 to 70.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E





#20

3+4-Methylphenols

Concen: 37.70 ng

RT: 7.27 min Scan# 497

Delta R.T. 0.00 min

Lab File: BF087772.D

Acq: 7 Jun 2016 3:26

Instrument :

BNA_F

ClientSampleId :

HSR-WC-49-060116MSD

Tgt Ion:107 Resp: 284062

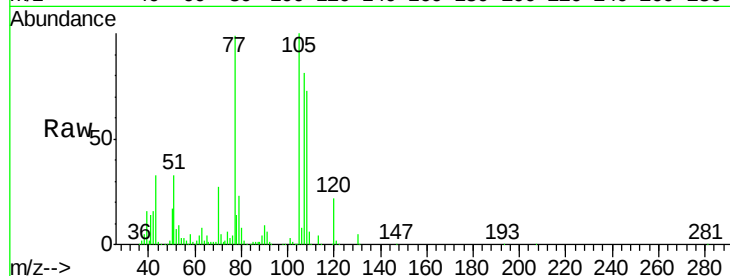
Ion Ratio Lower Upper

107 100

108 89.9 67.8 107.8

77 122.4 59.3 99.3#

79 28.7 7.0 47.0

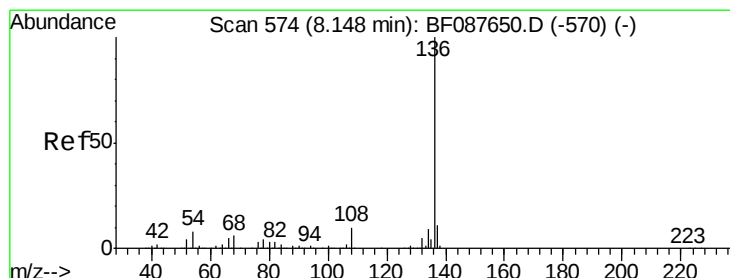
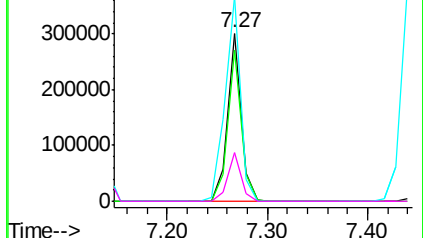
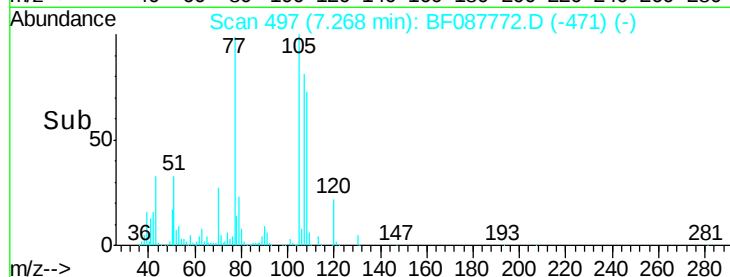


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.14 min Scan# 573

Delta R.T. -0.01 min

Lab File: BF087772.D

Acq: 7 Jun 2016 3:26

Tgt Ion:136 Resp: 391633

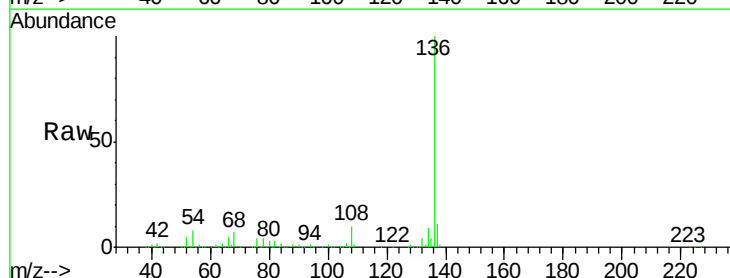
Ion Ratio Lower Upper

136 100

137 11.2 9.1 13.7

54 8.4 6.6 10.0

68 6.6 5.1 7.7

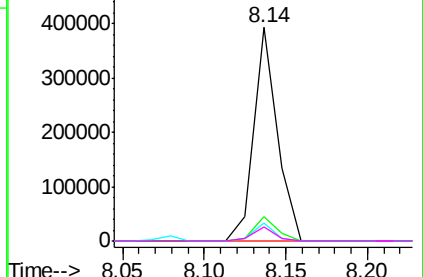
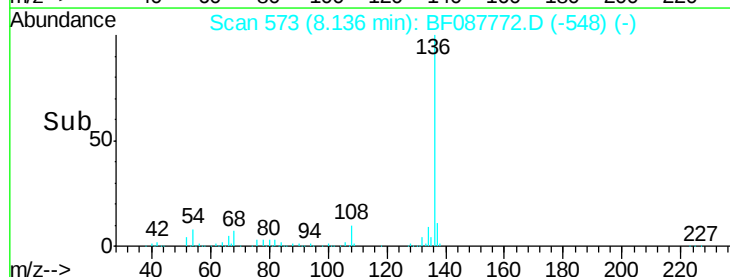


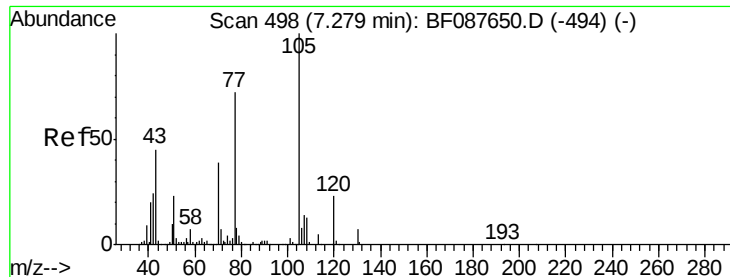
Abundance Ion 136.00 (135.70 to 136.70): E

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: 45.51 ng

RT: 7.27 min Scan# 497

Delta R.T. -0.01 min

Lab File: BF087772.D

Acq: 7 Jun 2016 3:26

Instrument :

BNA_F

ClientSampleId :

HSR-WC-49-060116MSD

Tgt Ion: 105 Resp: 403683

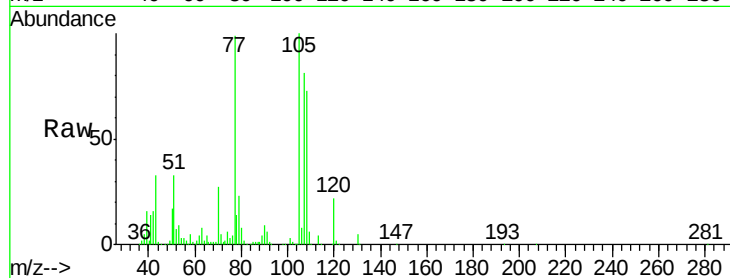
Ion Ratio Lower Upper

105 100

71 4.5 5.3 7.9#

51 33.5 18.2 27.4#

120 21.9 18.0 27.0

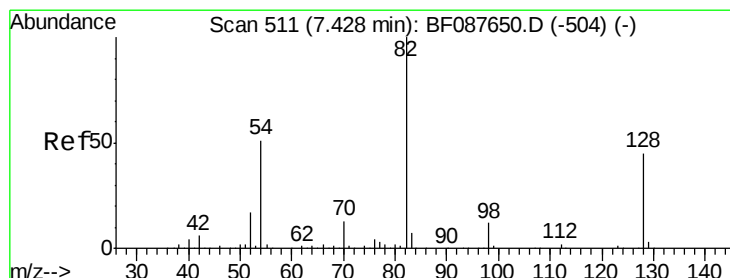
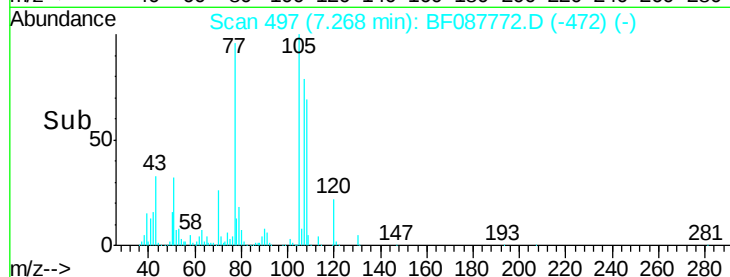
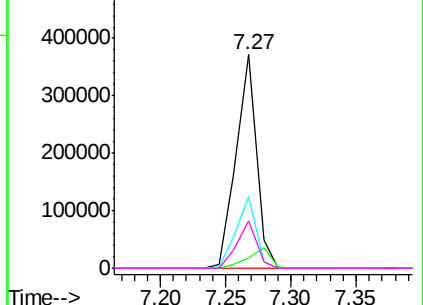


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



#23

Nitrobenzene-d5

Concen: 94.13 ng

RT: 7.42 min Scan# 510

Delta R.T. -0.01 min

Lab File: BF087772.D

Acq: 7 Jun 2016 3:26

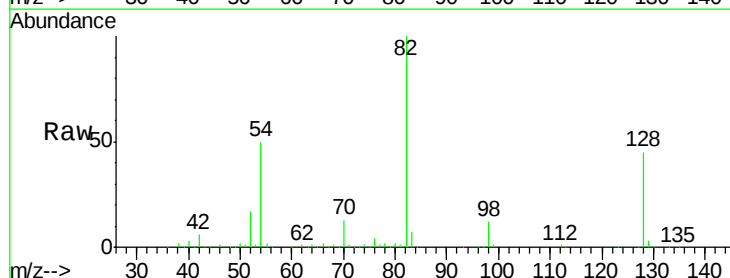
Tgt Ion: 82 Resp: 637184

Ion Ratio Lower Upper

82 100

128 44.7 35.9 53.9

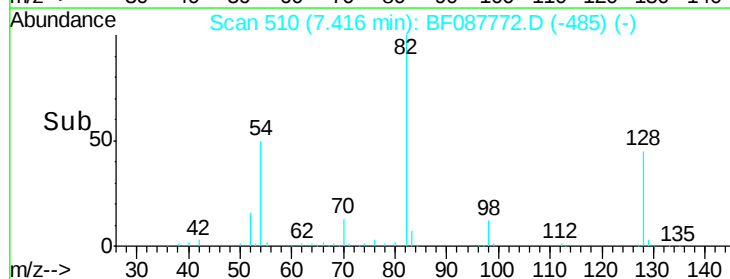
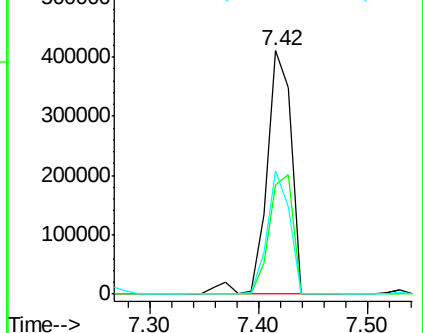
54 50.4 40.9 61.3

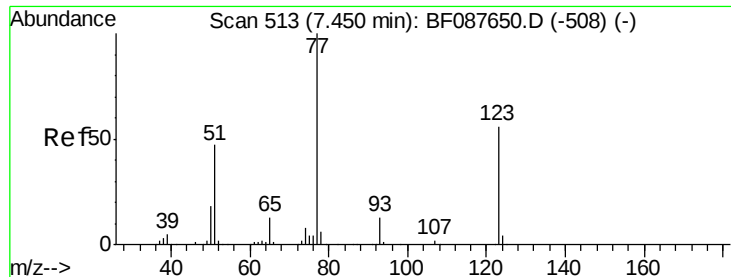


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

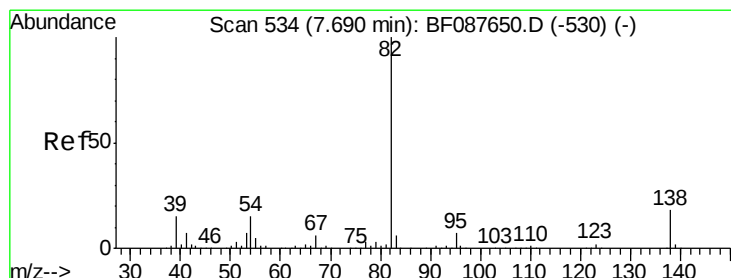
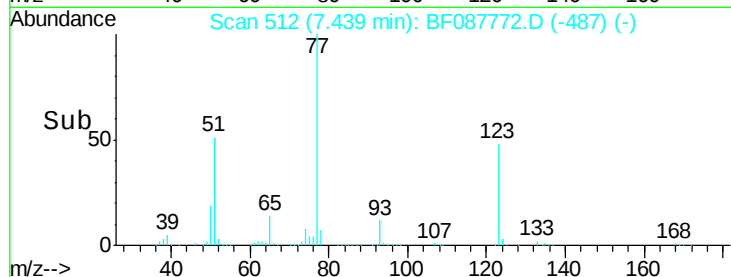
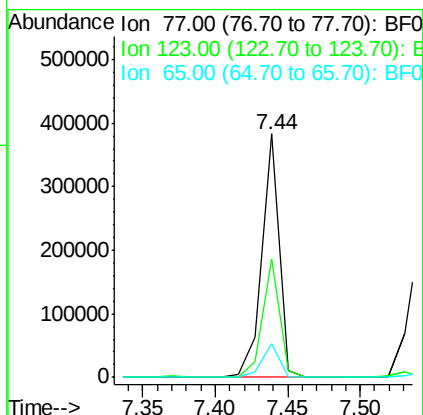
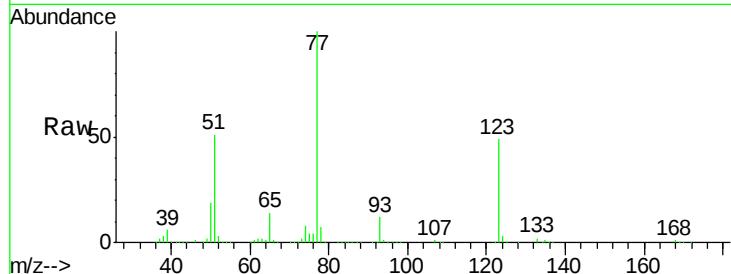




#24
 Nitrobenzene
 Concen: 46.95 ng
 RT: 7.44 min Scan# 512
 Delta R.T. -0.01 min
 Lab File: BF087772.D
 Acq: 7 Jun 2016 3:26

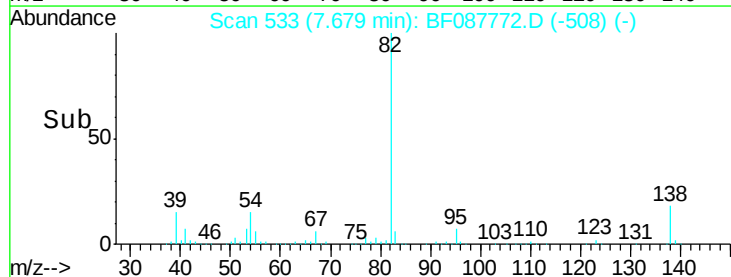
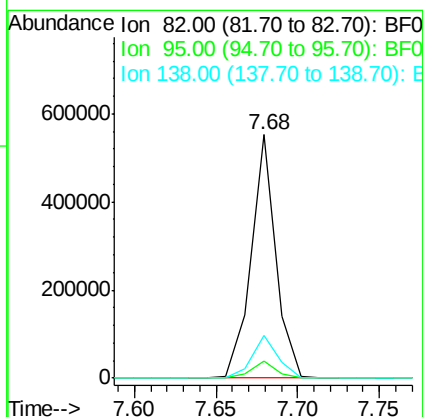
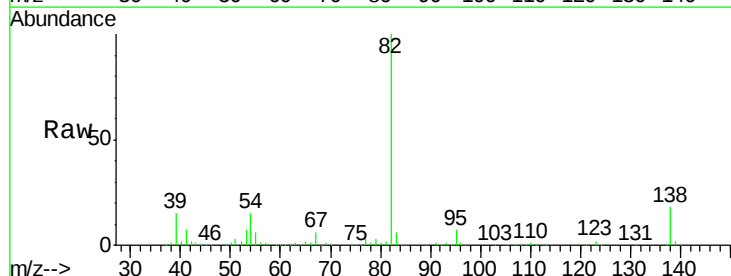
Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-49-060116MSD

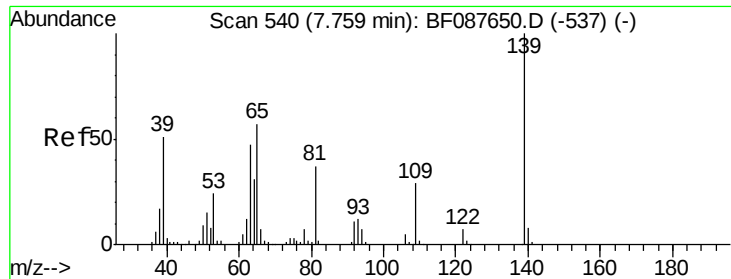
Tgt Ion: 77 Resp: 318084
 Ion Ratio Lower Upper
 77 100
 123 48.5 45.0 67.4
 65 13.6 10.2 15.2



#25
 Isophorone
 Concen: 47.10 ng
 RT: 7.68 min Scan# 533
 Delta R.T. -0.01 min
 Lab File: BF087772.D
 Acq: 7 Jun 2016 3:26

Tgt Ion: 82 Resp: 580490
 Ion Ratio Lower Upper
 82 100
 95 7.1 5.4 8.2
 138 17.6 14.6 21.8

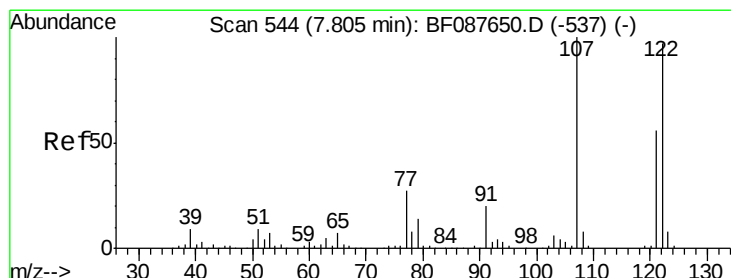
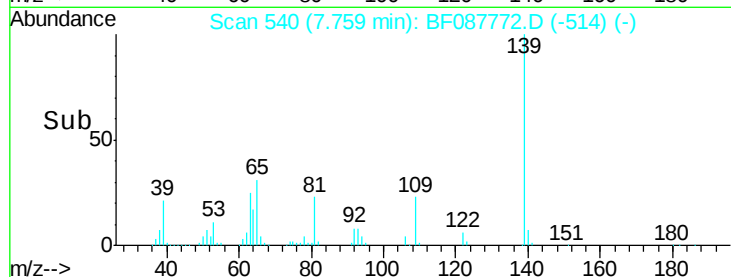
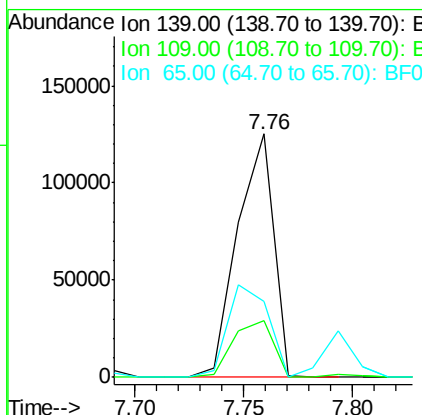
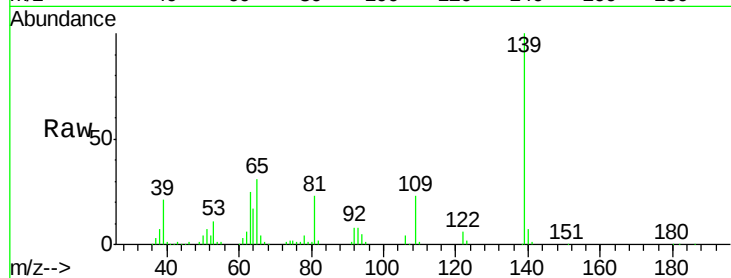




#26
 2-Nitrophenol
 Concen: 45.87 ng
 RT: 7.76 min Scan# 540
 Delta R.T. 0.00 min
 Lab File: BF087772.D
 Acq: 7 Jun 2016 3:26

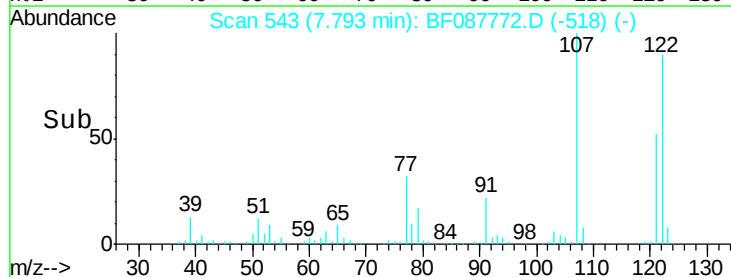
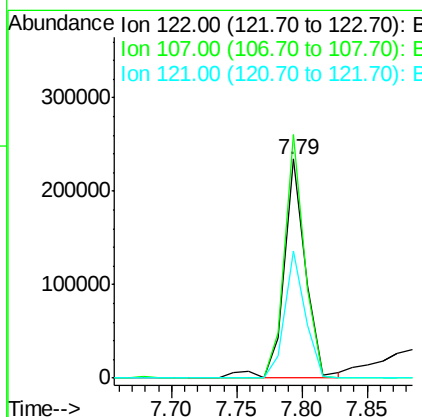
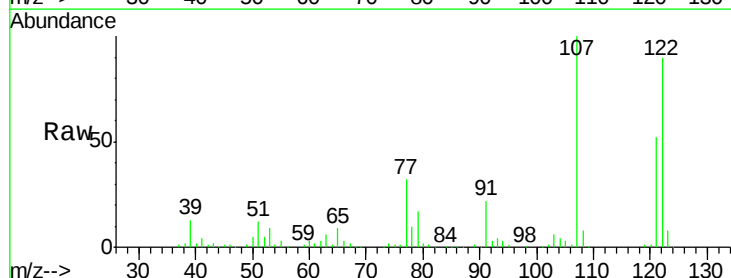
Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-49-060116MSD

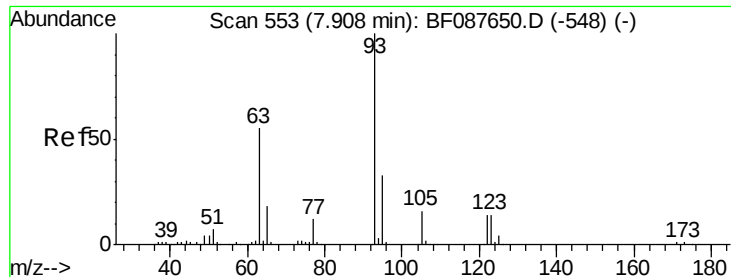
Tgt Ion:139 Resp: 144379
 Ion Ratio Lower Upper
 139 100
 109 23.2 23.0 34.4
 65 31.2 45.8 68.8#



#27
 2,4-Dimethylphenol
 Concen: 42.01 ng
 RT: 7.79 min Scan# 543
 Delta R.T. -0.01 min
 Lab File: BF087772.D
 Acq: 7 Jun 2016 3:26

Tgt Ion:122 Resp: 274056
 Ion Ratio Lower Upper
 122 100
 107 111.3 82.4 123.6
 121 58.1 46.3 69.5

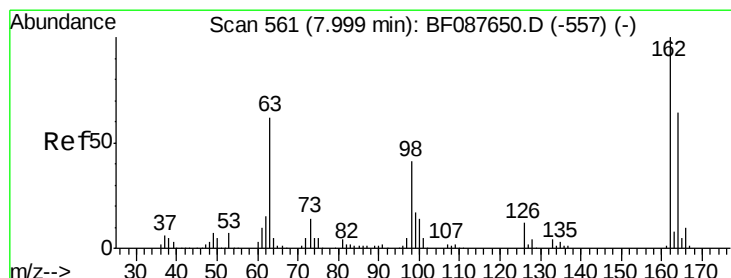
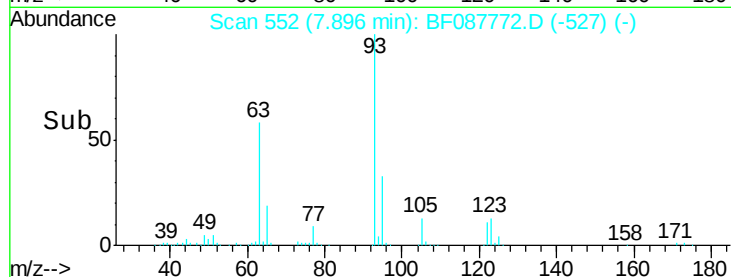
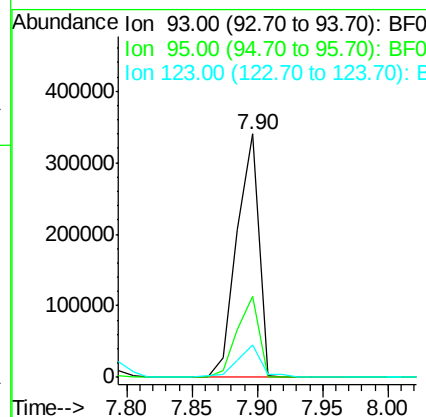
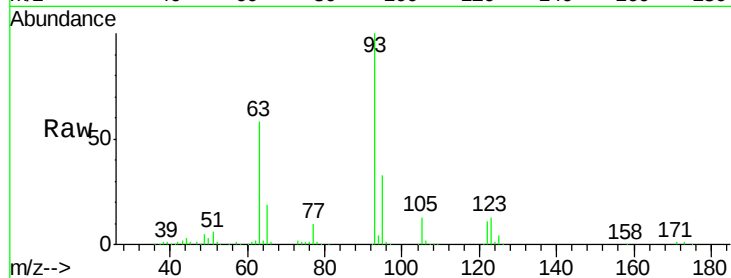




#28
bis(2-Chloroethoxy)methane
Concen: 50.73 ng
RT: 7.90 min Scan# 552
Delta R.T. -0.01 min
Lab File: BF087772.D
Acq: 7 Jun 2016 3:26

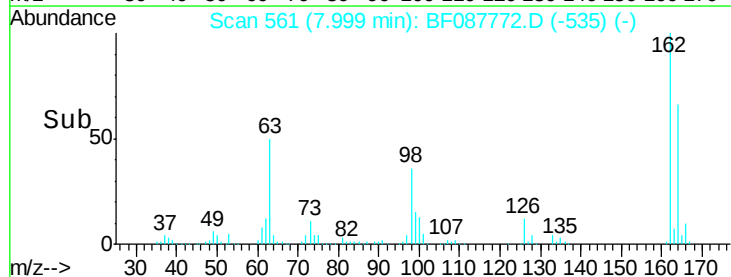
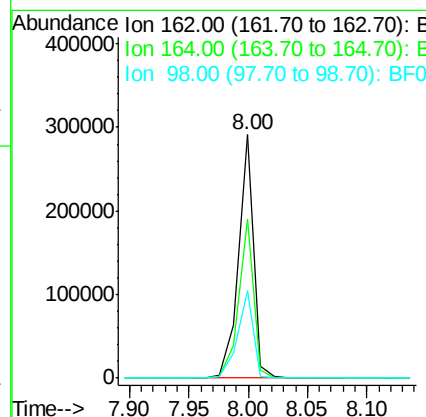
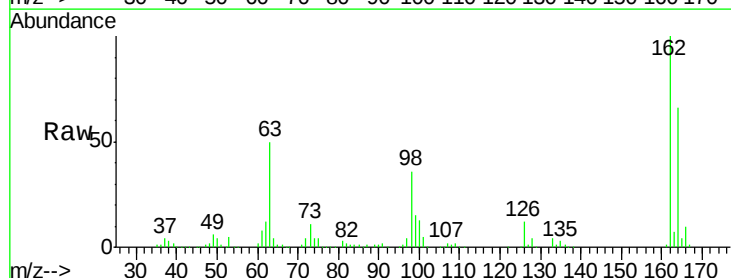
Instrument :
BNA_F
ClientSampleId :
HSR-WC-49-060116MSD

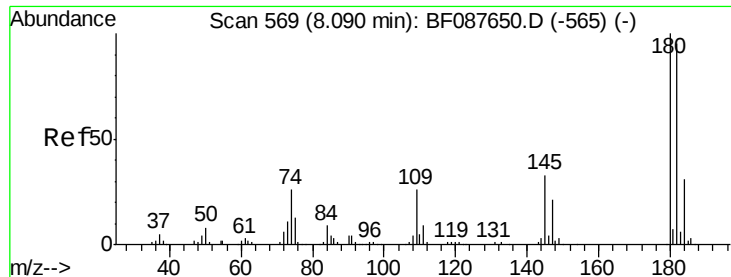
Tgt Ion: 93 Resp: 396571
Ion Ratio Lower Upper
93 100
95 33.4 26.5 39.7
123 13.3 11.6 17.4



#29
2,4-Dichlorophenol
Concen: 48.19 ng
RT: 8.00 min Scan# 561
Delta R.T. 0.00 min
Lab File: BF087772.D
Acq: 7 Jun 2016 3:26

Tgt Ion: 162 Resp: 258210
Ion Ratio Lower Upper
162 100
164 65.6 43.8 83.8
98 36.0 21.3 61.3

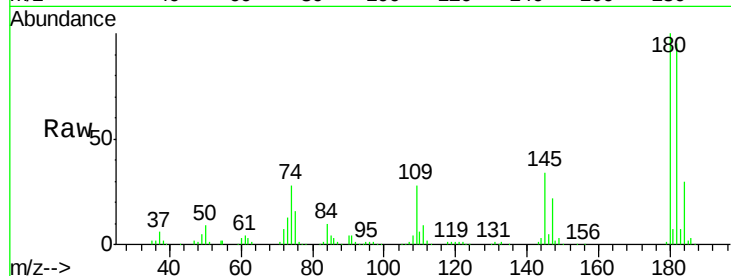




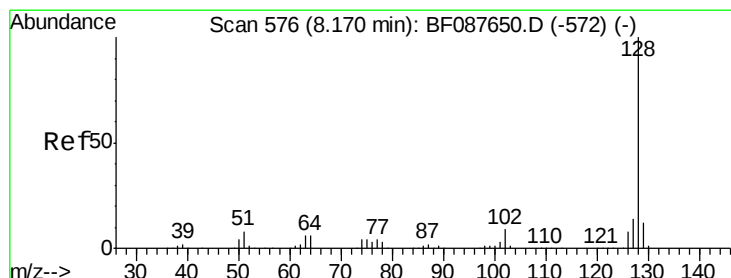
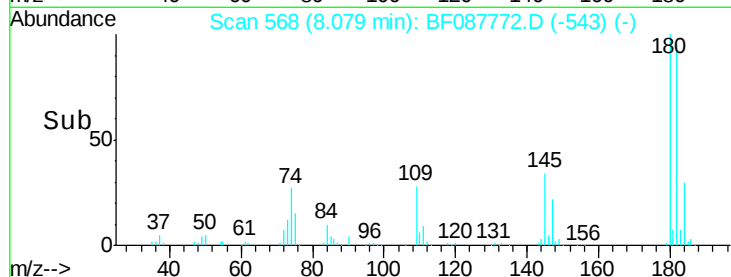
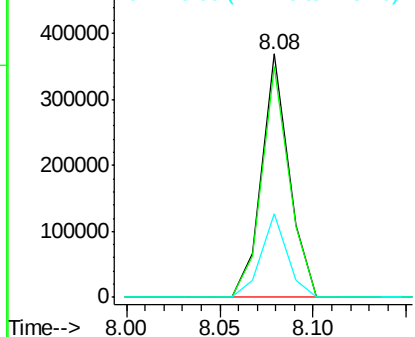
#30
 1,2,4-Trichlorobenzene
 Concen: 66.77 ng
 RT: 8.08 min Scan# 568
 Delta R.T. -0.01 min
 Lab File: BF087772.D
 Acq: 7 Jun 2016 3:26

Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-49-060116MSD

Tgt Ion:180 Resp: 374632
 Ion Ratio Lower Upper
 180 100
 182 94.7 76.0 114.0
 145 34.5 26.5 39.7

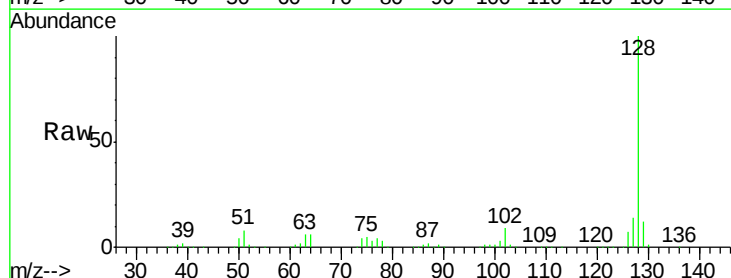


Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E

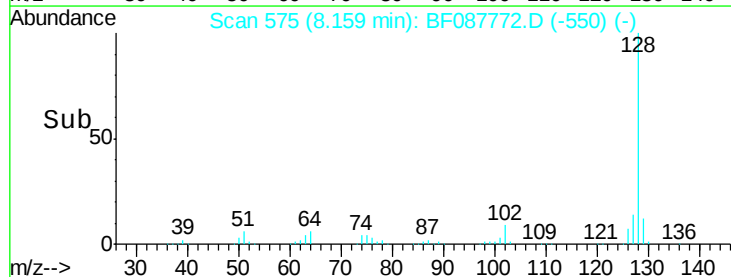
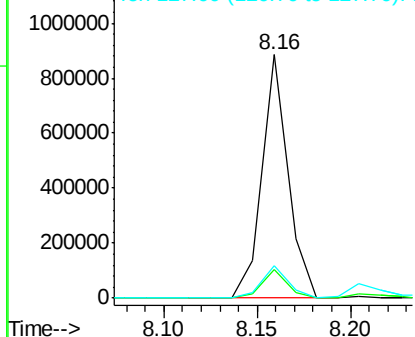


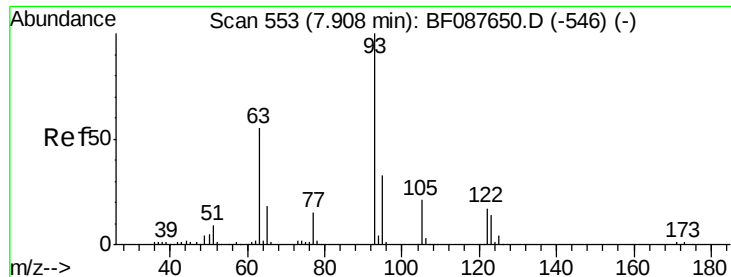
#31
 Naphthalene
 Concen: 44.88 ng
 RT: 8.16 min Scan# 575
 Delta R.T. -0.01 min
 Lab File: BF087772.D
 Acq: 7 Jun 2016 3:26

Tgt Ion:128 Resp: 854678
 Ion Ratio Lower Upper
 128 100
 129 11.7 9.4 14.2
 127 13.5 10.9 16.3



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

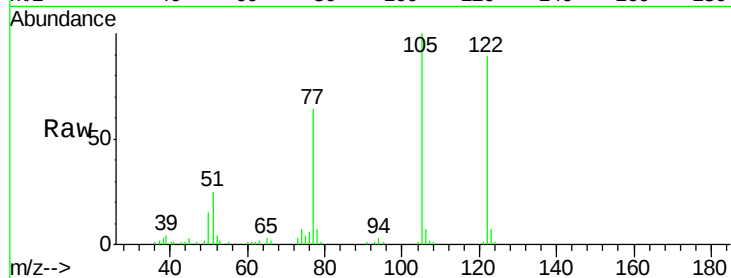




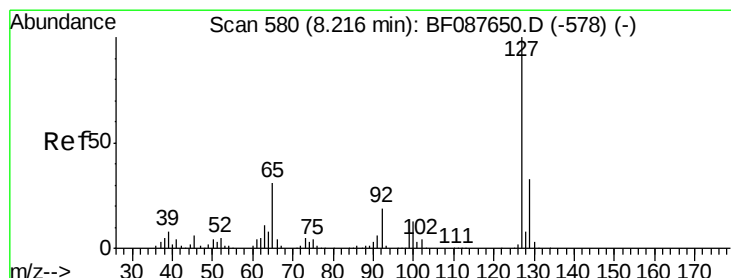
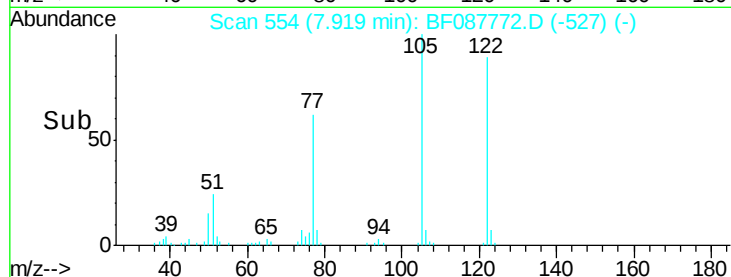
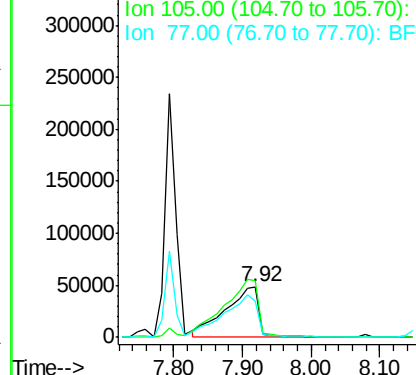
#32
Benzoic acid
Concen: 42.14 ng
RT: 7.92 min Scan# 554
Delta R.T. 0.01 min
Lab File: BF087772.D
Acq: 7 Jun 2016 3:26

Instrument :
BNA_F
ClientSampleId :
HSR-WC-49-060116MSD

Tgt Ion:122 Resp: 165853
Ion Ratio Lower Upper
122 100
105 112.4 101.6 141.6
77 71.6 70.6 110.6

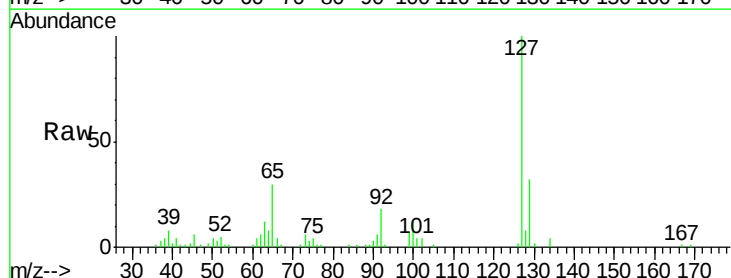


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF0

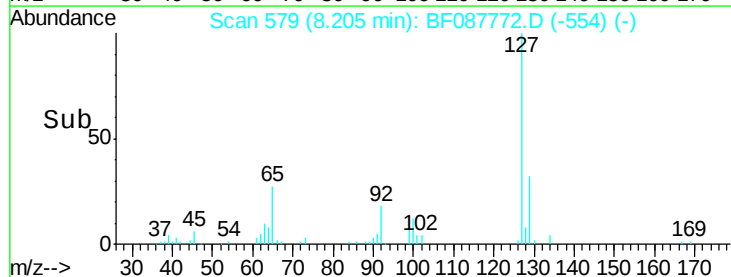
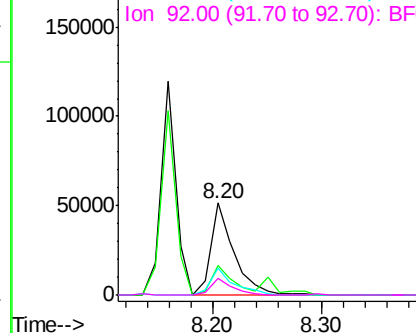


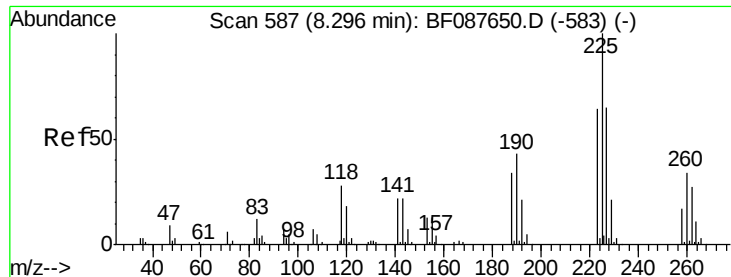
#33
4-Chloroaniline
Concen: 9.22 ng
RT: 8.20 min Scan# 579
Delta R.T. -0.01 min
Lab File: BF087772.D
Acq: 7 Jun 2016 3:26

Tgt Ion:127 Resp: 76274
Ion Ratio Lower Upper
127 100
129 32.1 26.3 39.5
65 29.9 24.7 37.1
92 18.2 15.4 23.0



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





#34

Hexachlorobutadiene

Concen: 50.06 ng

RT: 8.28 min Scan# 586

Delta R.T. -0.01 min

Lab File: BF087772.D

Acq: 7 Jun 2016 3:26

Instrument :

BNA_F

ClientSampleId :

HSR-WC-49-060116MSD

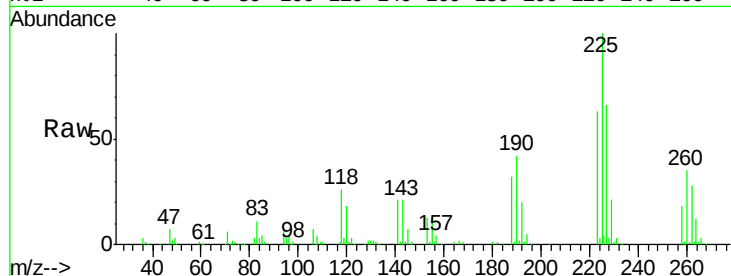
Tgt Ion:225 Resp: 146026

Ion Ratio Lower Upper

225 100

223 62.8 50.9 76.3

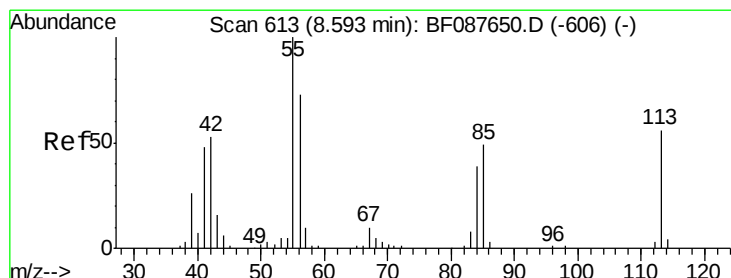
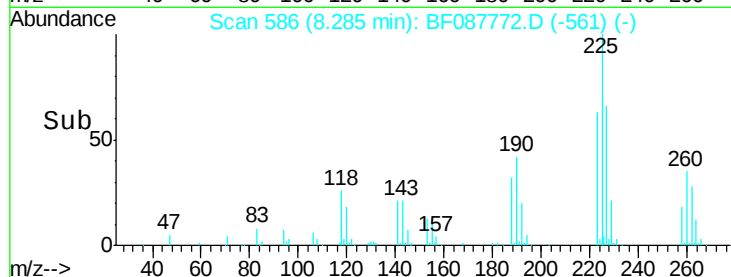
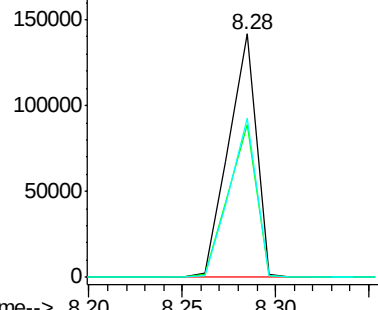
227 65.5 51.9 77.9



Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E



#35

Caprolactam

Concen: 36.54 ng

RT: 8.58 min Scan# 612

Delta R.T. -0.01 min

Lab File: BF087772.D

Acq: 7 Jun 2016 3:26

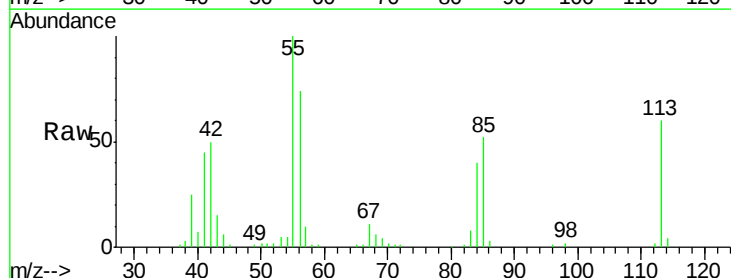
Tgt Ion:113 Resp: 64315

Ion Ratio Lower Upper

113 100

55 167.6 158.6 198.6

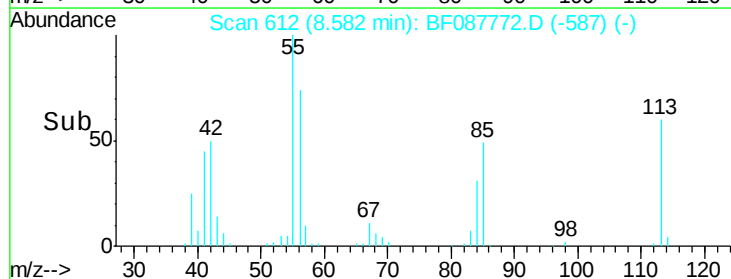
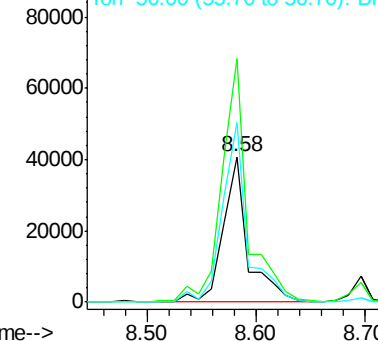
56 123.9 110.6 150.6

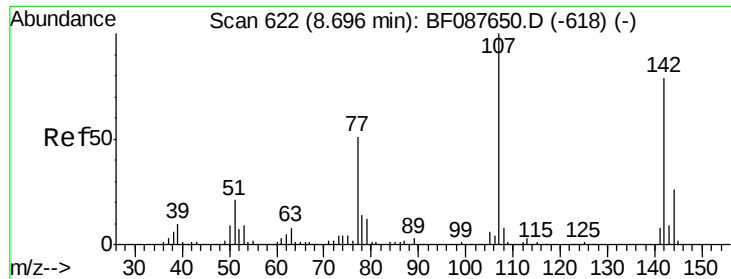


Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0

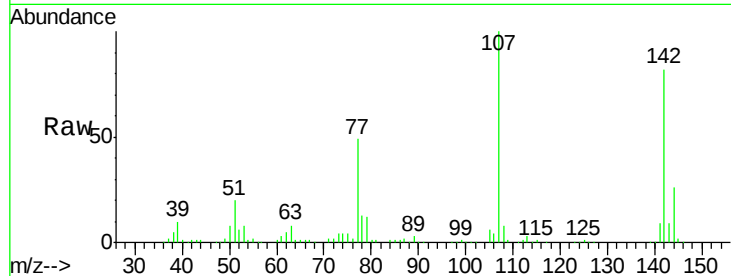




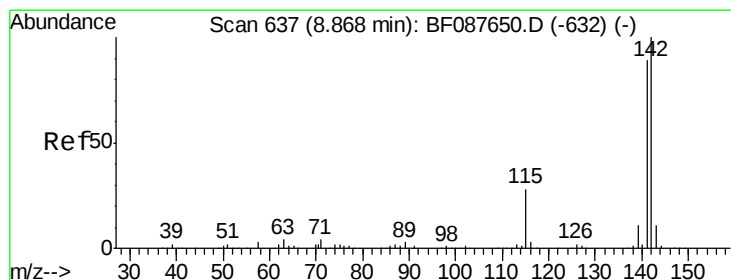
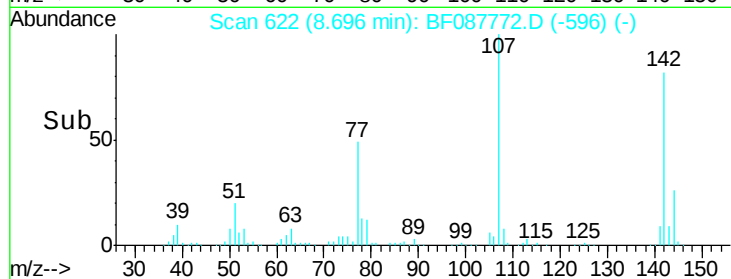
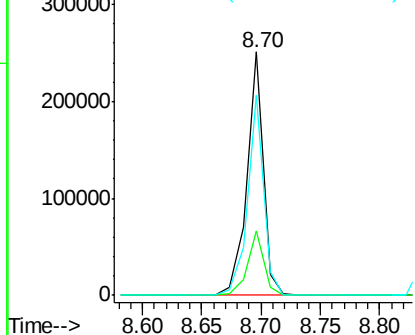
#36
 4-Chloro-3-methylphenol
 Concen: 43.78 ng
 RT: 8.70 min Scan# 622
 Delta R.T. 0.00 min
 Lab File: BF087772.D
 Acq: 7 Jun 2016 3:26

Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-49-060116MSD

Tgt Ion:107 Resp: 242620
 Ion Ratio Lower Upper
 107 100
 144 26.3 20.8 31.2
 142 82.2 63.4 95.2

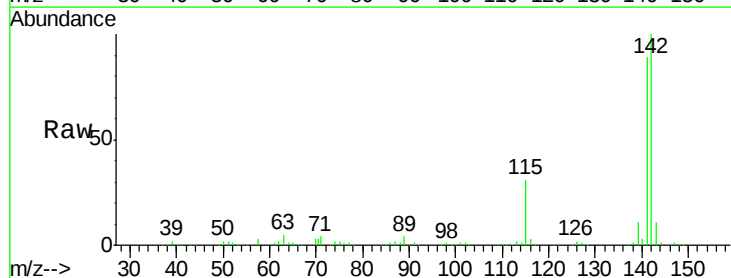


Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E

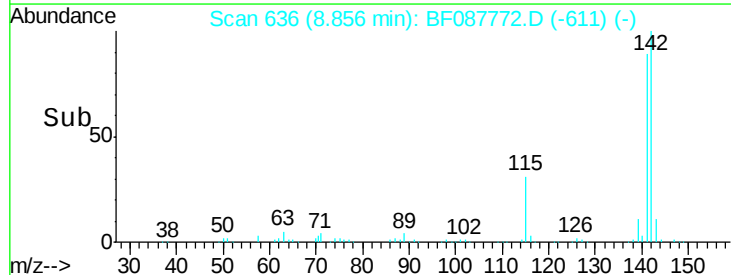
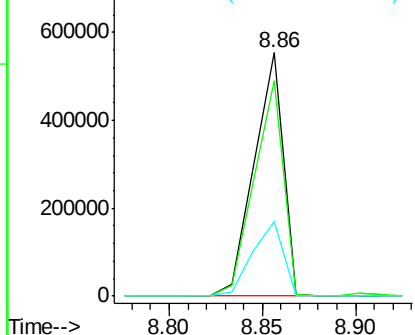


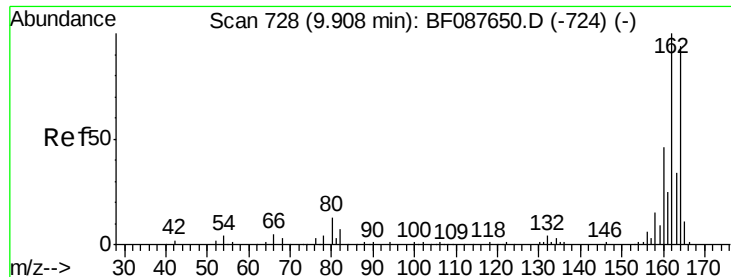
#37
 2-Methylnaphthalene
 Concen: 47.41 ng
 RT: 8.86 min Scan# 636
 Delta R.T. -0.01 min
 Lab File: BF087772.D
 Acq: 7 Jun 2016 3:26

Tgt Ion:142 Resp: 596168
 Ion Ratio Lower Upper
 142 100
 141 88.5 71.0 106.6
 115 30.7 22.6 33.8



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: 9.90 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF087772.D

Acq: 7 Jun 2016 3:26

Instrument :

BNA_F

ClientSampleId :

HSR-WC-49-060116MSD

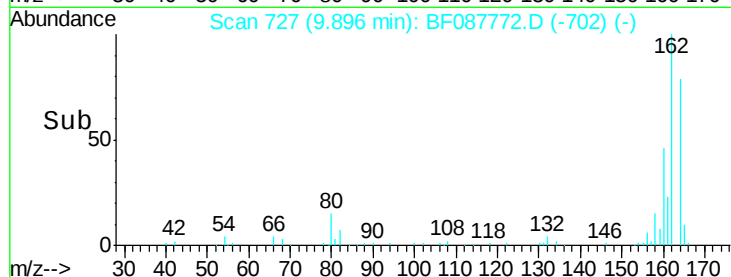
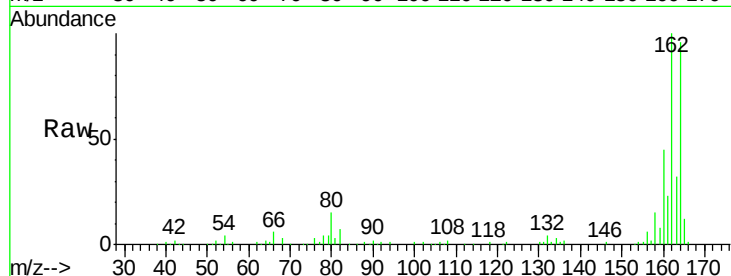
Tgt Ion:164 Resp: 160297

Ion Ratio Lower Upper

164 100

162 104.5 85.4 128.2

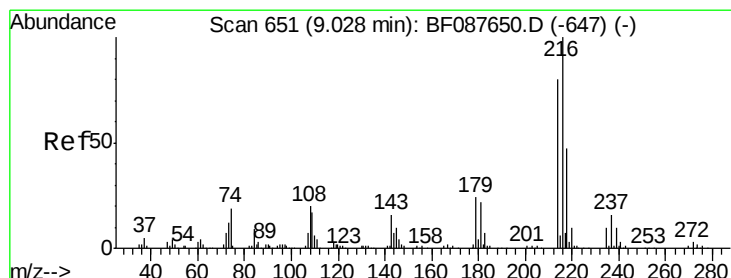
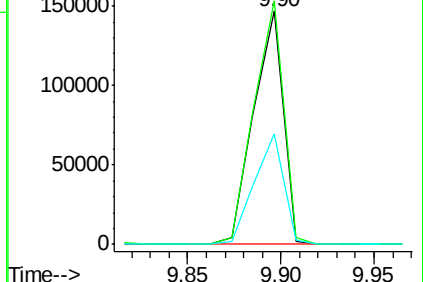
160 47.4 39.5 59.3



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: 51.24 ng

RT: 9.02 min Scan# 650

Delta R.T. -0.01 min

Lab File: BF087772.D

Acq: 7 Jun 2016 3:26

Tgt Ion:216 Resp: 226378

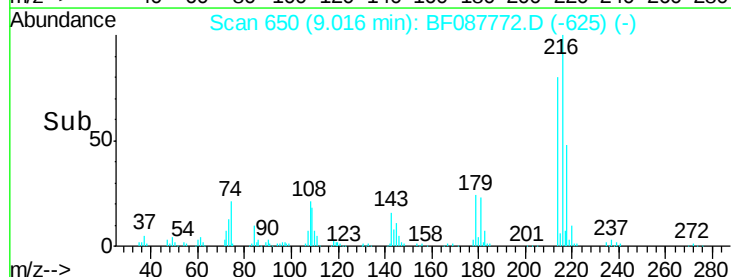
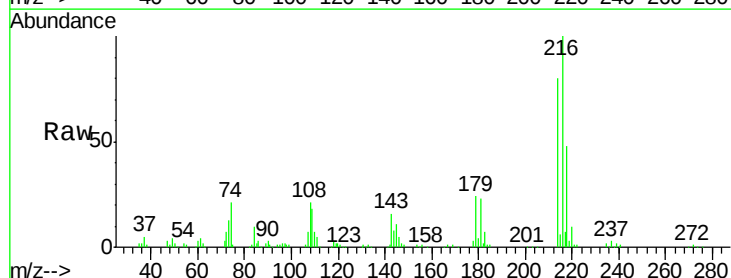
Ion Ratio Lower Upper

216 100

214 79.2 2.9 4.3#

179 23.2 0.0 0.0#

108 20.9 0.5 0.7#

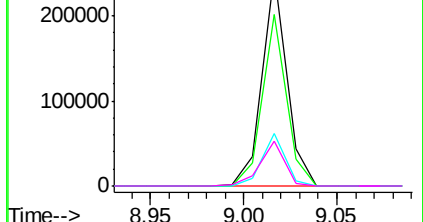


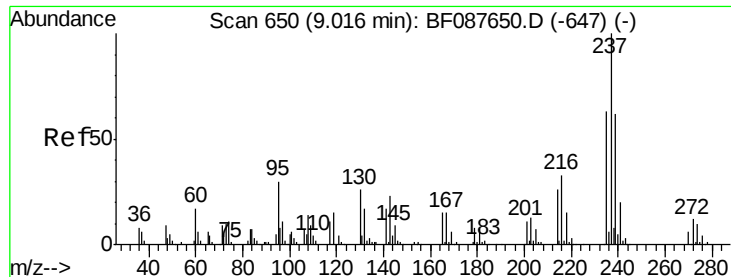
Abundance Ion 216.00 (215.70 to 216.70): E

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

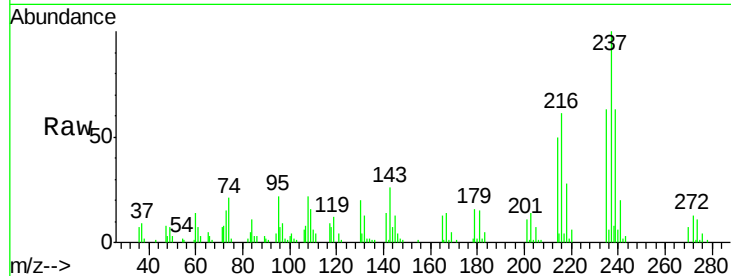




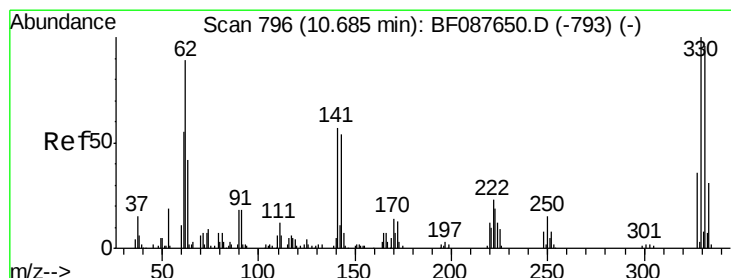
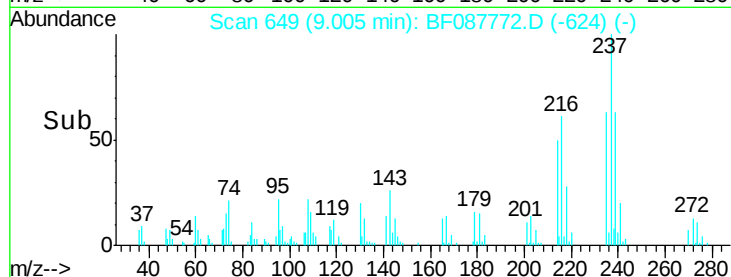
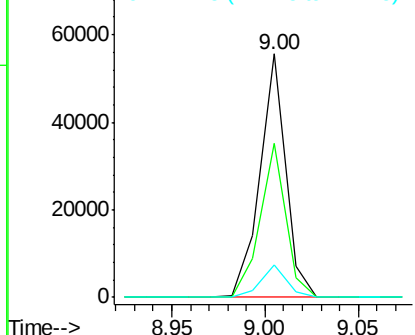
#40
Hexachlorocyclopentadiene
Concen: 20.42 ng
RT: 9.00 min Scan# 649
Delta R.T. -0.01 min
Lab File: BF087772.D
Acq: 7 Jun 2016 3:26

Instrument :
BNA_F
ClientSampleId :
HSR-WC-49-060116MSD

Tgt Ion: 237 Resp: 53052
Ion Ratio Lower Upper
237 100
235 63.1 43.4 83.4
272 13.4 0.0 32.3

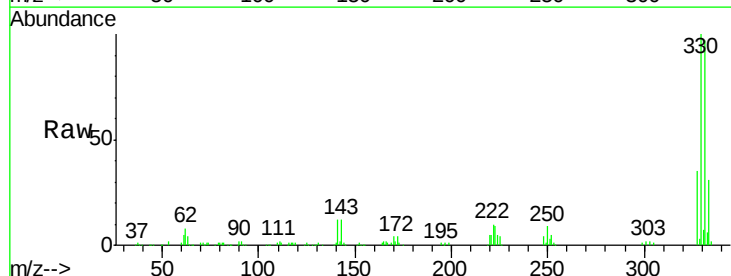


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

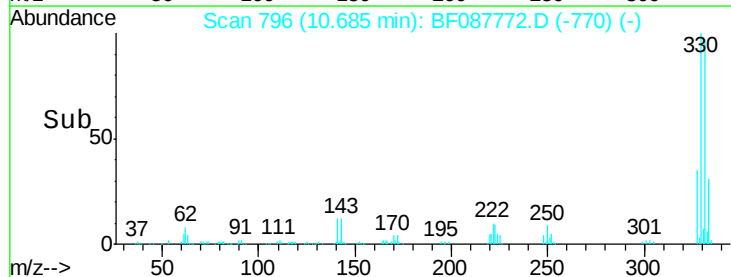
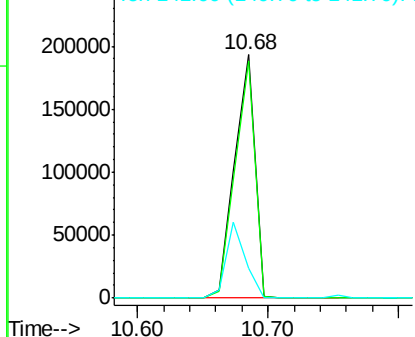


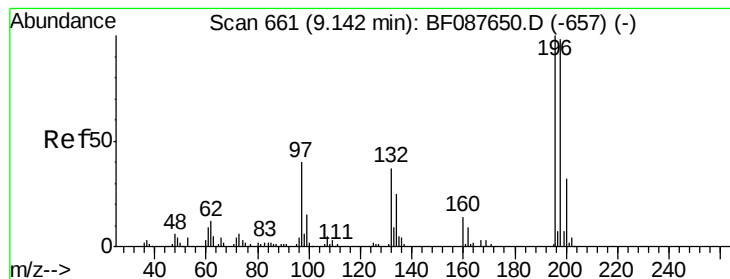
#41
2,4,6-Tribromophenol
Concen: 129.17 ng
RT: 10.68 min Scan# 796
Delta R.T. 0.00 min
Lab File: BF087772.D
Acq: 7 Jun 2016 3:26

Tgt Ion: 330 Resp: 207847
Ion Ratio Lower Upper
330 100
332 96.0 0.0 0.0#
141 29.9 0.0 0.0#



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: 48.00 ng

RT: 9.13 min Scan# 660

Delta R.T. -0.01 min

Lab File: BF087772.D

Acq: 7 Jun 2016 3:26

Instrument :

BNA_F

ClientSampleId :

HSR-WC-49-060116MSD

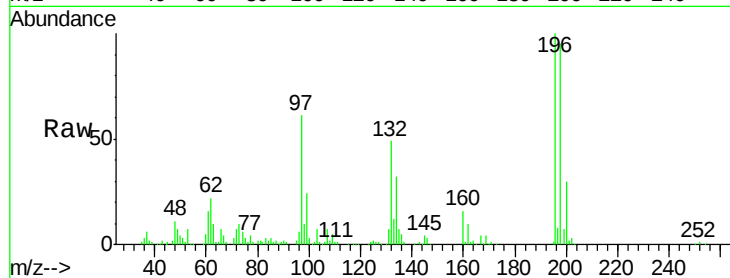
Tgt Ion:196 Resp: 160132

Ion Ratio Lower Upper

196 100

198 94.8 78.0 117.0

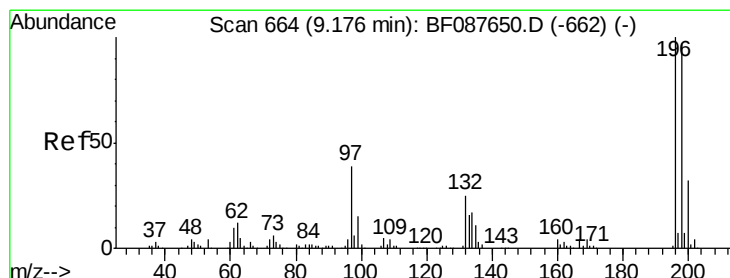
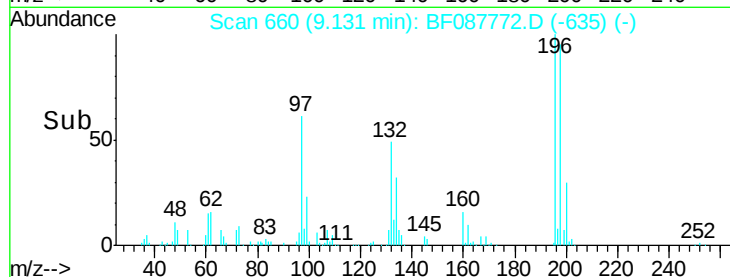
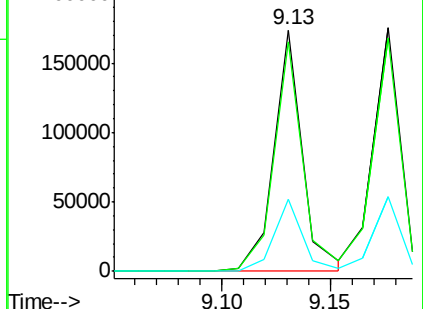
200 30.0 25.4 38.2



Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#43

2,4,5-Trichlorophenol

Concen: 49.07 ng

RT: 9.18 min Scan# 664

Delta R.T. 0.00 min

Lab File: BF087772.D

Acq: 7 Jun 2016 3:26

Tgt Ion:196 Resp: 152360

Ion Ratio Lower Upper

196 100

198 95.8 77.5 116.3

97 52.3 32.0 48.0#

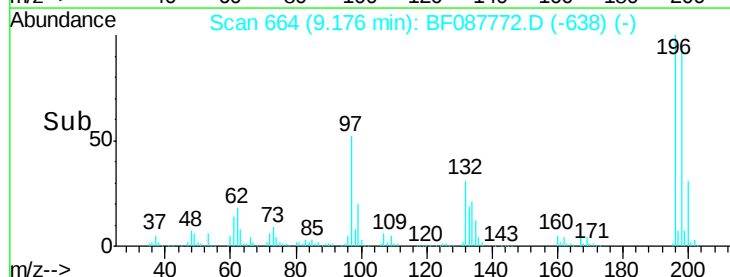
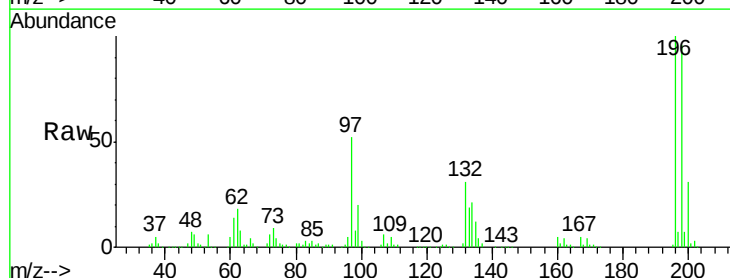
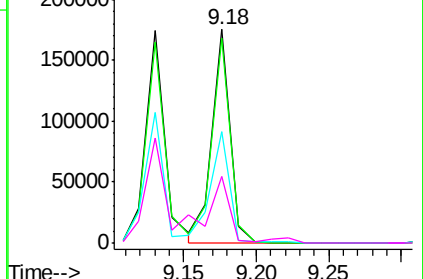
132 31.0 20.9 31.3

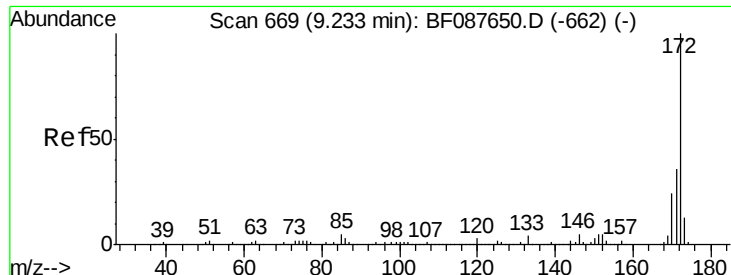
Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E

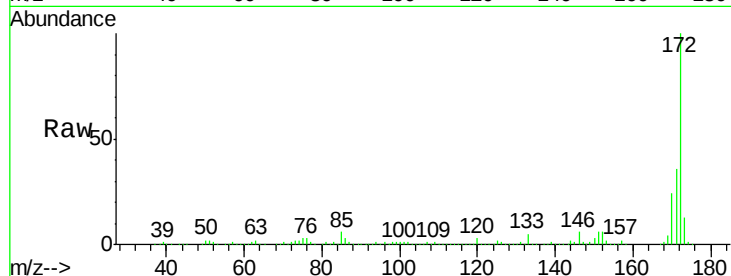




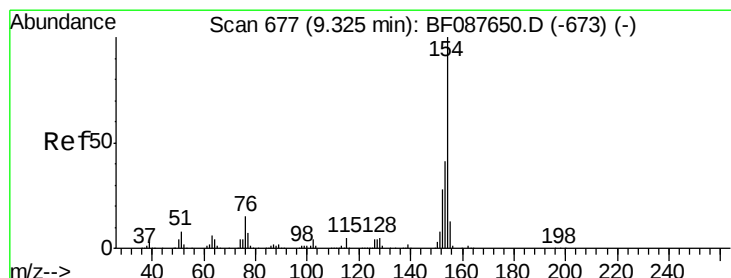
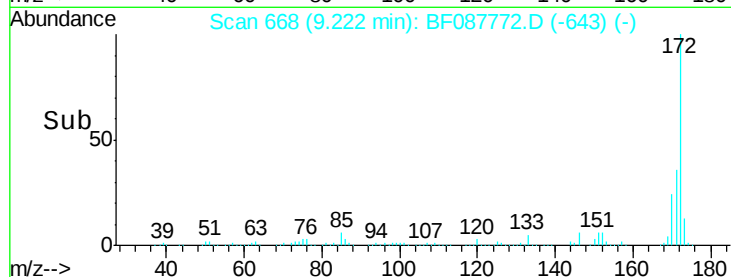
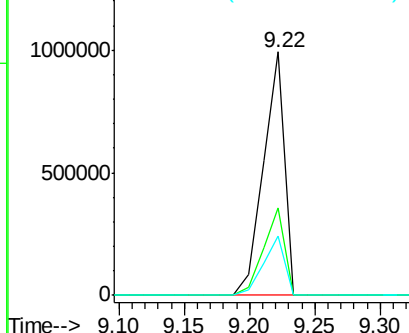
#44
 2-Fluorobiphenyl
 Concen: 129.70 ng
 RT: 9.22 min Scan# 668
 Delta R.T. -0.01 min
 Lab File: BF087772.D
 Acq: 7 Jun 2016 3:26

Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-49-060116MSD

Tgt Ion:172 Resp: 1121741
 Ion Ratio Lower Upper
 172 100
 171 36.1 28.6 43.0
 170 24.3 19.2 28.8

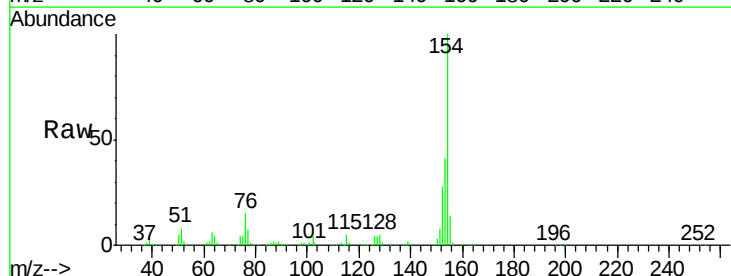


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

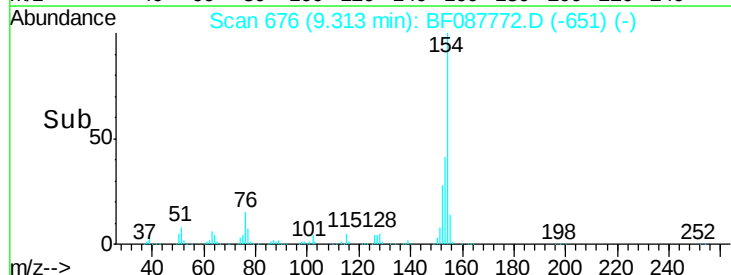
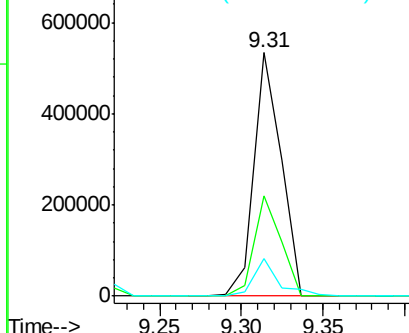


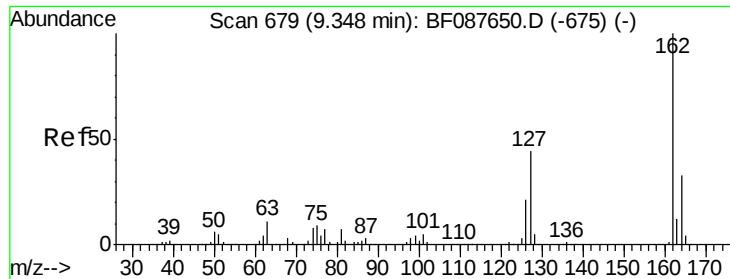
#45
 1,1'-Biphenyl
 Concen: 47.23 ng
 RT: 9.31 min Scan# 676
 Delta R.T. -0.01 min
 Lab File: BF087772.D
 Acq: 7 Jun 2016 3:26

Tgt Ion:154 Resp: 614415
 Ion Ratio Lower Upper
 154 100
 153 41.1 20.6 60.6
 76 15.5 0.0 35.1



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

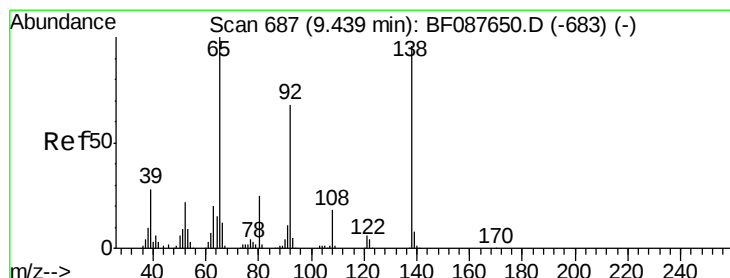
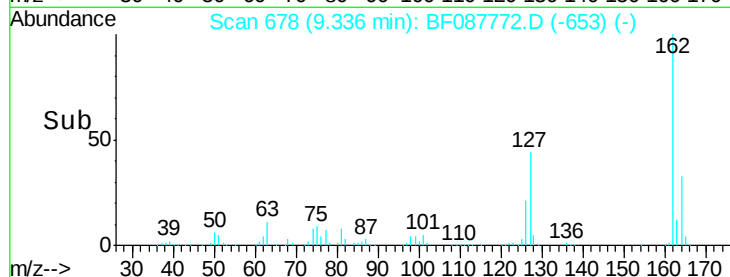
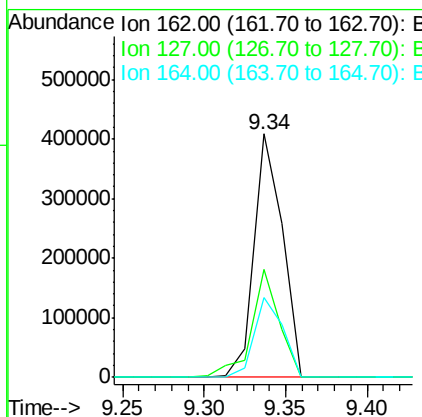
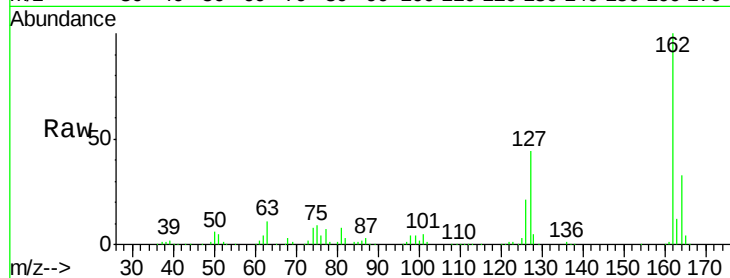




#46
 2-Chloronaphthalene
 Concen: 47.59 ng
 RT: 9.34 min Scan# 678
 Delta R.T. -0.01 min
 Lab File: BF087772.D
 Acq: 7 Jun 2016 3:26

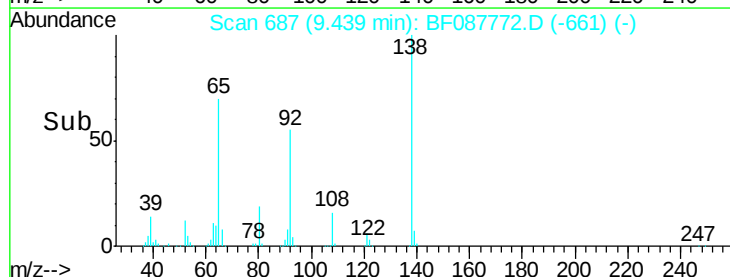
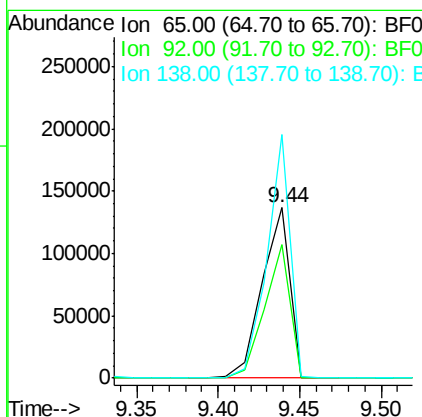
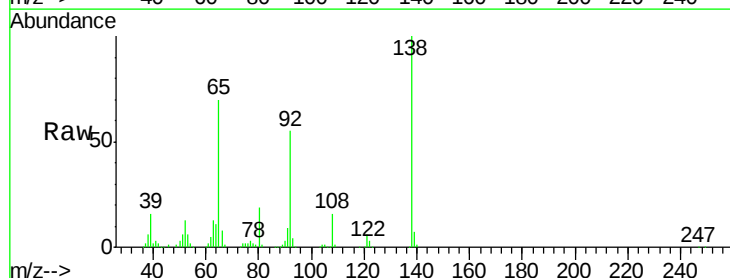
Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-49-060116MSD

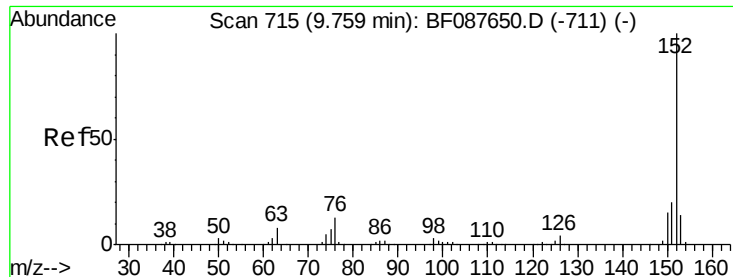
Tgt Ion: 162 Resp: 492790
 Ion Ratio Lower Upper
 162 100
 127 44.2 35.2 52.8
 164 33.0 26.6 39.8



#47
 2-Nitroaniline
 Concen: 55.23 ng
 RT: 9.44 min Scan# 687
 Delta R.T. 0.00 min
 Lab File: BF087772.D
 Acq: 7 Jun 2016 3:26

Tgt Ion: 65 Resp: 161035
 Ion Ratio Lower Upper
 65 100
 92 78.8 54.6 82.0
 138 143.1 77.0 115.4#





#48

Acenaphthylene

Concen: 48.42 ng

RT: 9.76 min Scan# 715

Delta R.T. 0.00 min

Lab File: BF087772.D

Acq: 7 Jun 2016 3:26

Instrument :

BNA_F

ClientSampleId :

HSR-WC-49-060116MSD

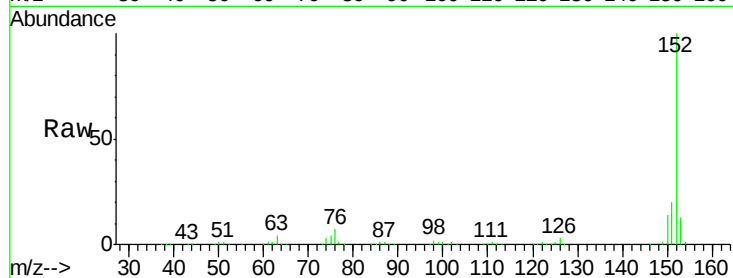
Tgt Ion:152 Resp: 781918

Ion Ratio Lower Upper

152 100

151 20.0 16.2 24.4

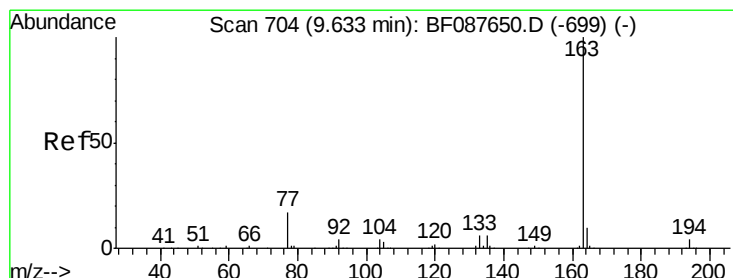
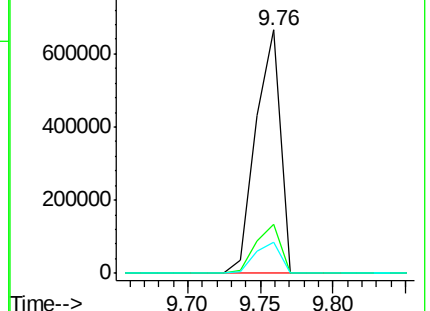
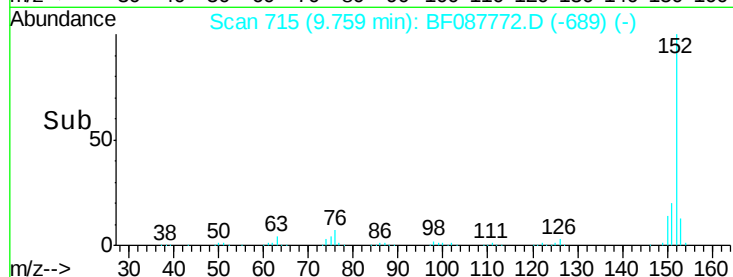
153 12.8 11.0 16.6



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: 56.83 ng

RT: 9.62 min Scan# 703

Delta R.T. -0.01 min

Lab File: BF087772.D

Acq: 7 Jun 2016 3:26

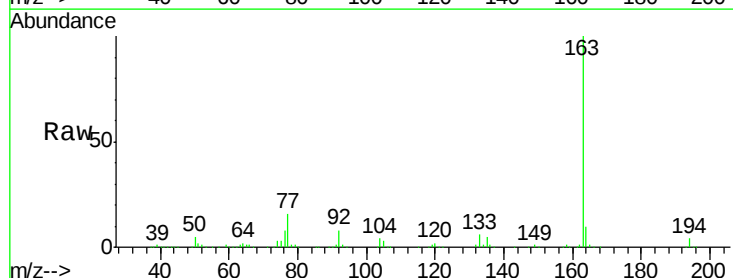
Tgt Ion:163 Resp: 662251

Ion Ratio Lower Upper

163 100

194 3.6 2.8 4.2

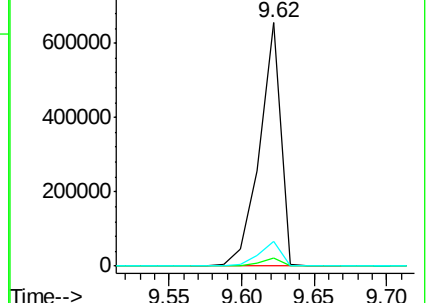
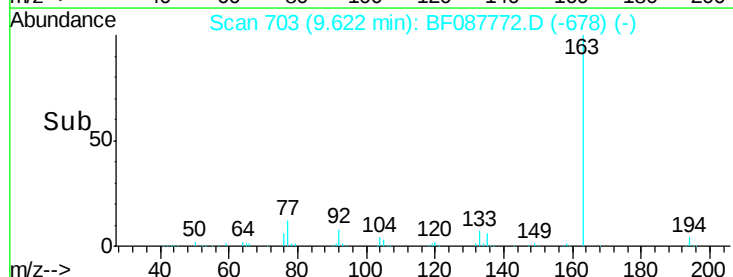
164 10.1 8.3 12.5

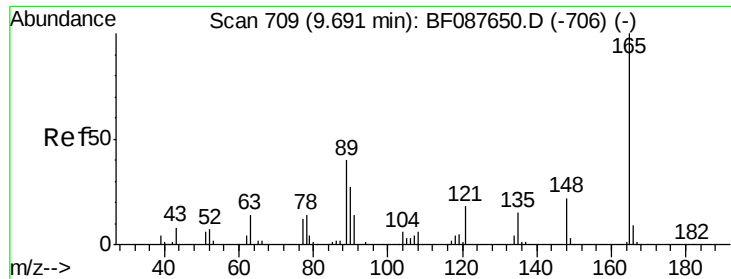


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

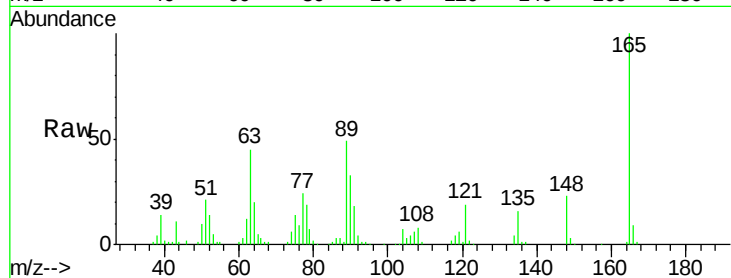




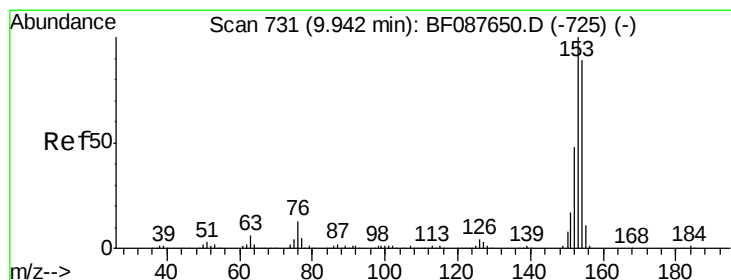
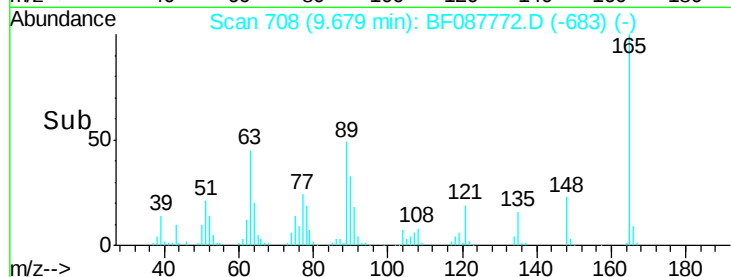
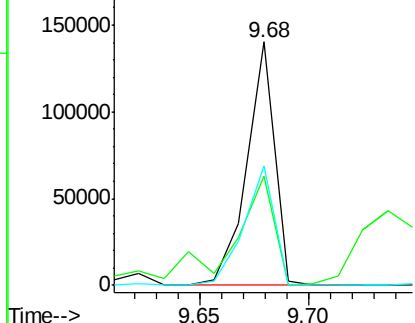
#50
2,6-Dinitrotoluene
Concen: 47.03 ng
RT: 9.68 min Scan# 708
Delta R.T. -0.01 min
Lab File: BF087772.D
Acq: 7 Jun 2016 3:26

Instrument :
BNA_F
ClientSampleId :
HSR-WC-49-060116MSD

Tgt Ion:165 Resp: 124686
Ion Ratio Lower Upper
165 100
63 44.9 28.1 42.1#
89 48.9 32.2 48.2#

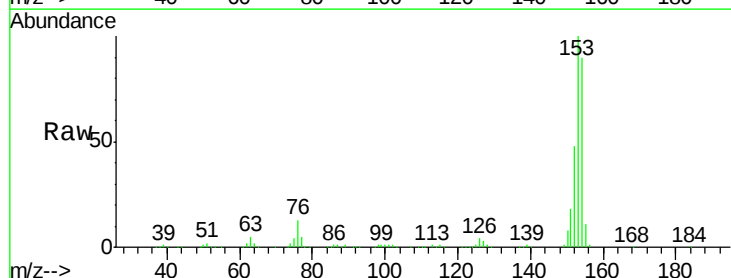


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0

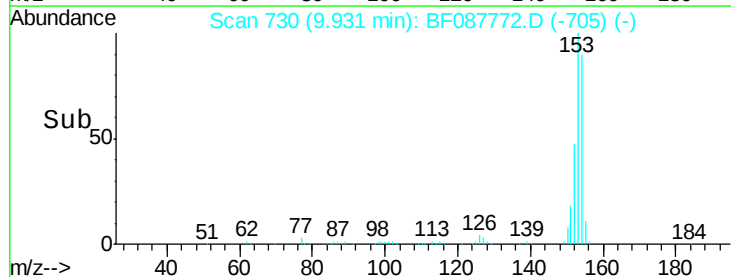
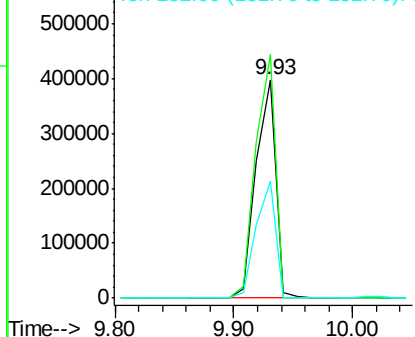


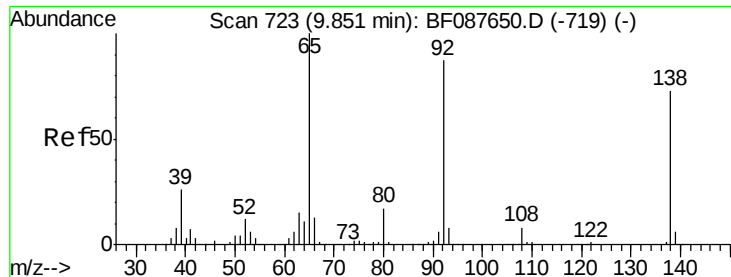
#51
Acenaphthene
Concen: 44.86 ng
RT: 9.93 min Scan# 730
Delta R.T. -0.01 min
Lab File: BF087772.D
Acq: 7 Jun 2016 3:26

Tgt Ion:154 Resp: 466148
Ion Ratio Lower Upper
154 100
153 111.6 89.5 134.3
152 53.4 42.7 64.1



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

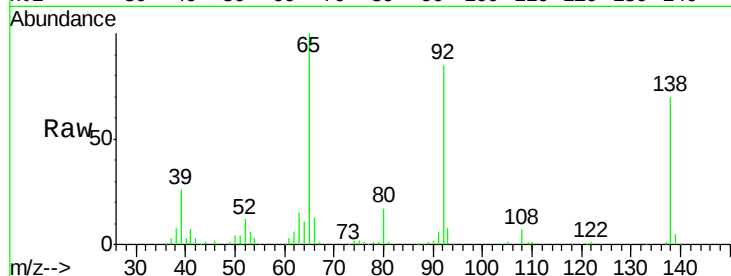




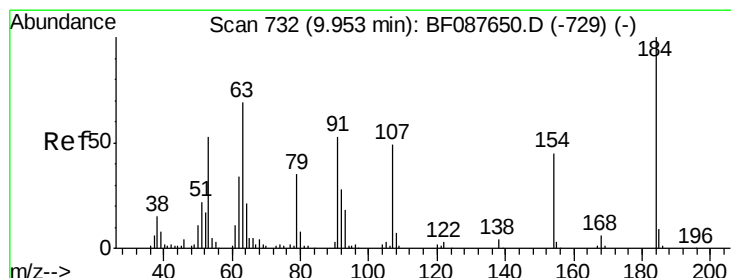
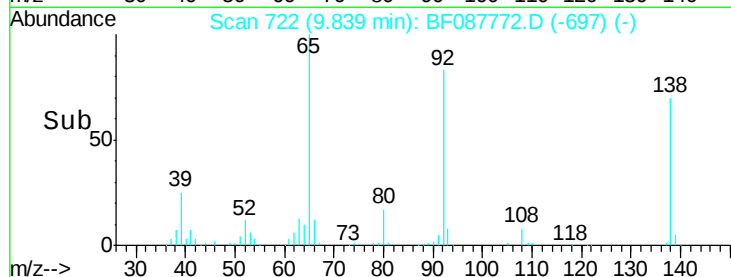
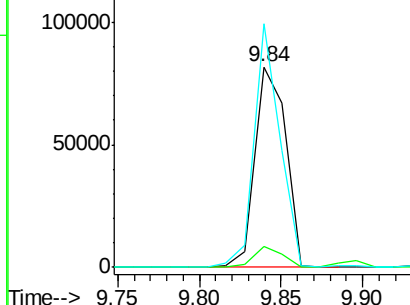
#52
 3-Nitroaniline
 Concen: 35.42 ng
 RT: 9.84 min Scan# 722
 Delta R.T. -0.01 min
 Lab File: BF087772.D
 Acq: 7 Jun 2016 3:26

Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-49-060116MSD

Tgt Ion:138 Resp: 107421
 Ion Ratio Lower Upper
 138 100
 108 10.7 8.5 12.7
 92 121.5 95.7 143.5

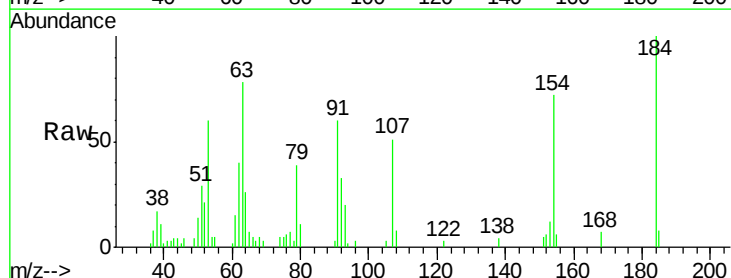


Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 108.00 (107.70 to 108.70): E
 Ion 92.00 (91.70 to 92.70): E

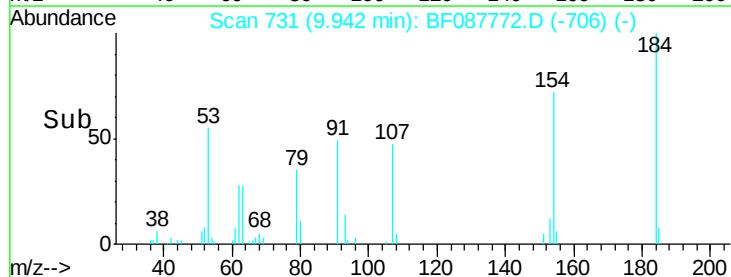
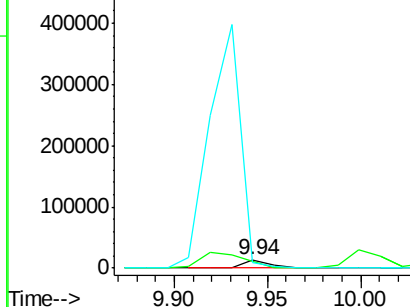


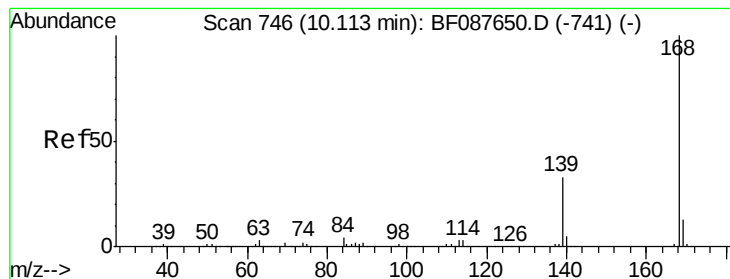
#53
 2,4-Dinitrophenol
 Concen: 14.87 ng
 RT: 9.94 min Scan# 731
 Delta R.T. -0.01 min
 Lab File: BF087772.D
 Acq: 7 Jun 2016 3:26

Tgt Ion:184 Resp: 13901
 Ion Ratio Lower Upper
 184 100
 63 77.6 57.6 86.4
 154 71.9 53.5 80.3



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





#54

Dibenzenofuran

Concen: 48.67 ng

RT: 10.10 min Scan# 745

Delta R.T. -0.01 min

Lab File: BF087772.D

Acq: 7 Jun 2016 3:26

Instrument :

BNA_F

ClientSampleId :

HSR-WC-49-060116MSD

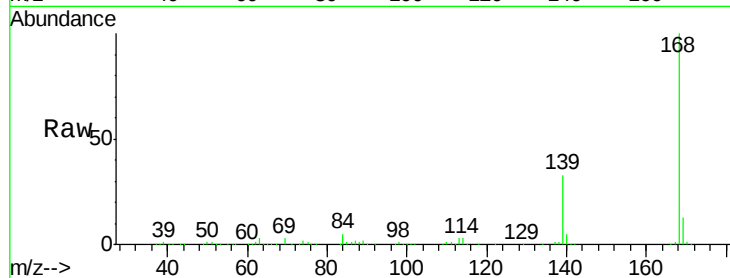
Tgt Ion:168 Resp: 688468

Ion Ratio Lower Upper

168 100

139 33.3 26.4 39.6

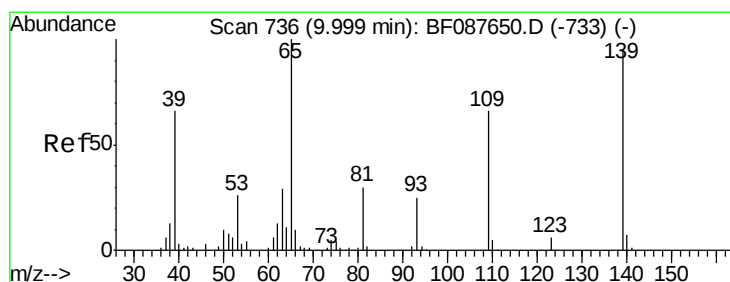
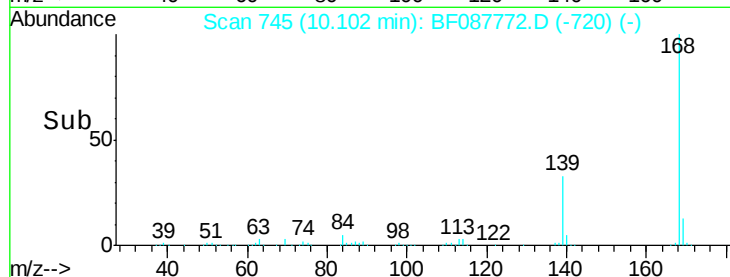
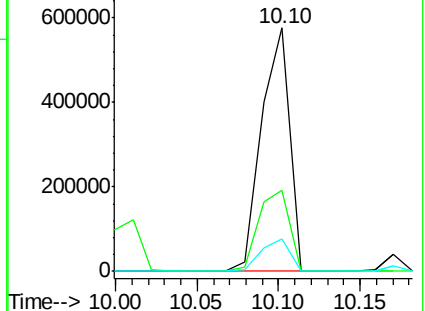
169 13.2 10.4 15.6



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: 63.02 ng

RT: 10.01 min Scan# 737

Delta R.T. 0.01 min

Lab File: BF087772.D

Acq: 7 Jun 2016 3:26

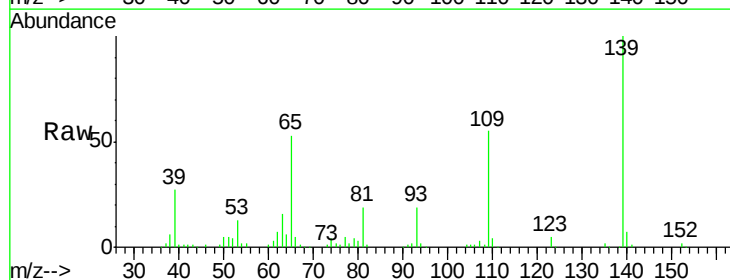
Tgt Ion:139 Resp: 163348

Ion Ratio Lower Upper

139 100

109 55.1 48.9 88.9

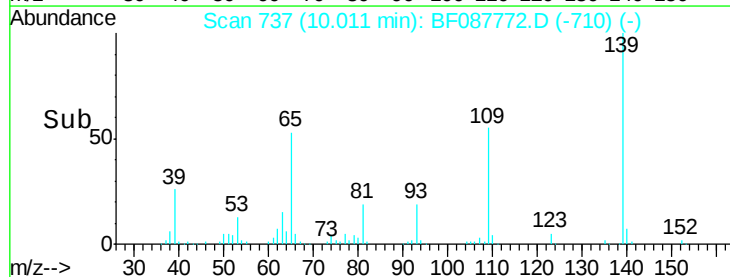
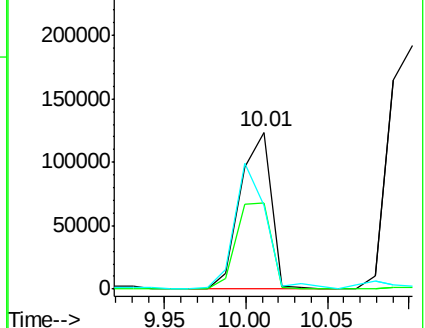
65 53.1 84.9 124.9#

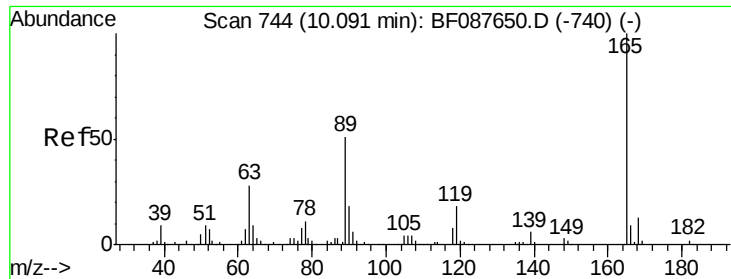


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0

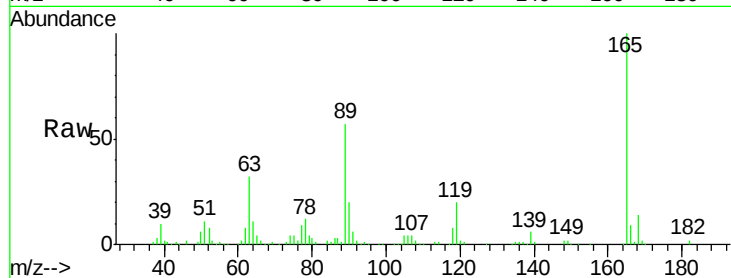




#56
2,4-Dinitrotoluene
Concen: 44.25 ng
RT: 10.08 min Scan# 743
Delta R.T. -0.01 min
Lab File: BF087772.D
Acq: 7 Jun 2016 3:26

Instrument :
BNA_F
ClientSampleId :
HSR-WC-49-060116MSD

Tgt Ion	Ratio	Lower	Upper
165	100		
63	31.7	22.0	33.0
89	57.1	41.1	61.7
182	2.4	2.0	3.0

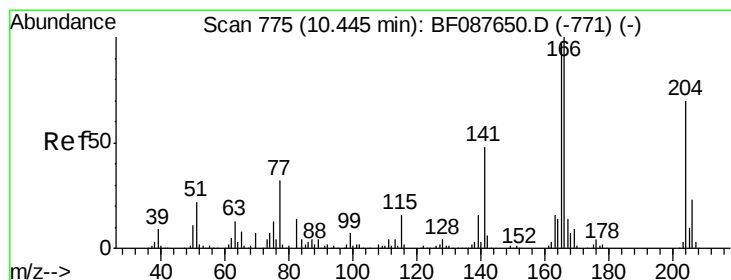
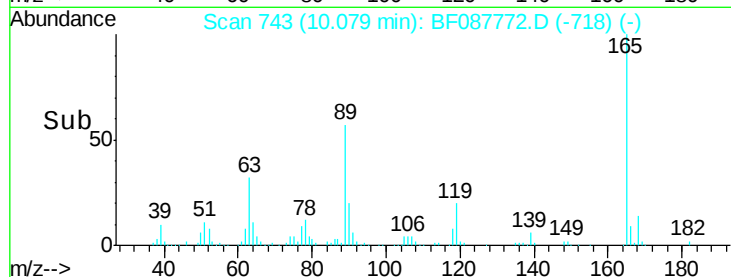
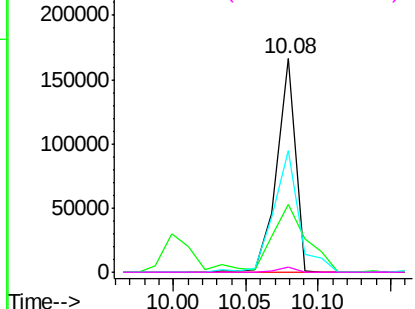


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

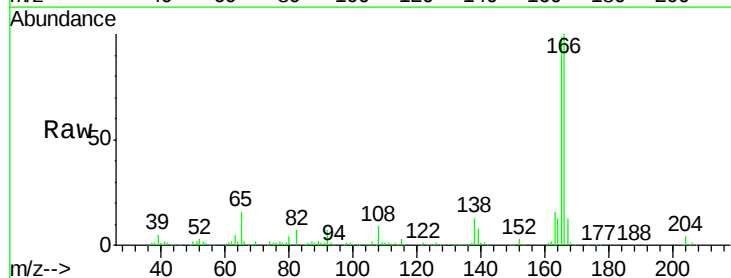
Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#57
Fluorene
Concen: 43.57 ng
RT: 10.44 min Scan# 775
Delta R.T. 0.00 min
Lab File: BF087772.D
Acq: 7 Jun 2016 3:26

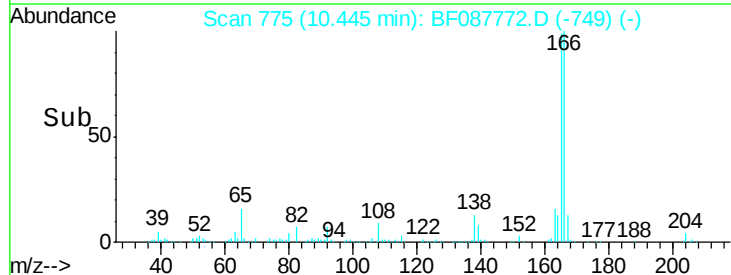
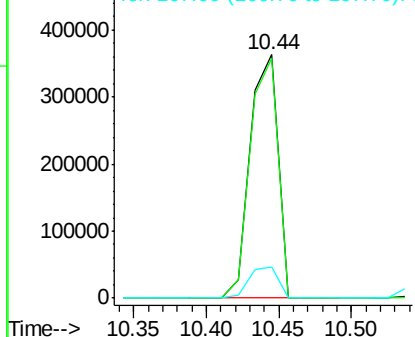
Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.6	77.8	116.8
167	12.6	11.2	16.8

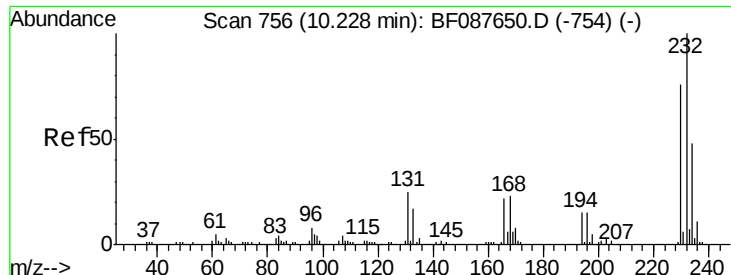


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

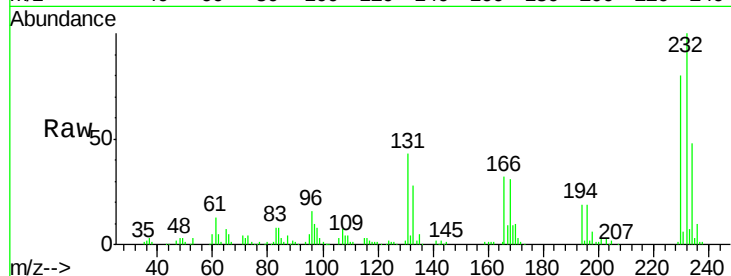




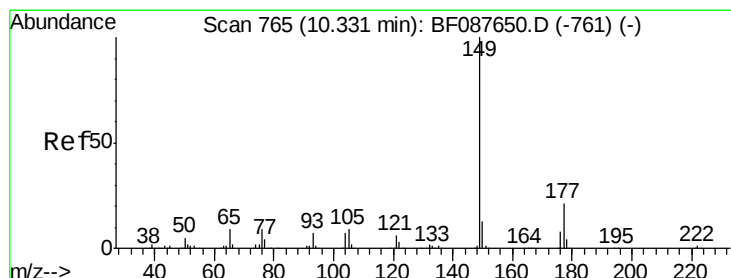
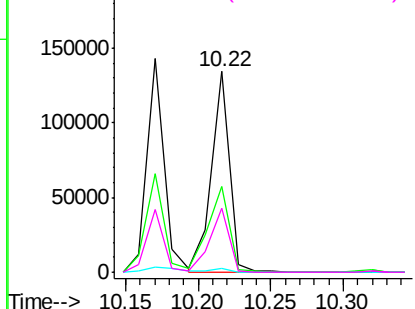
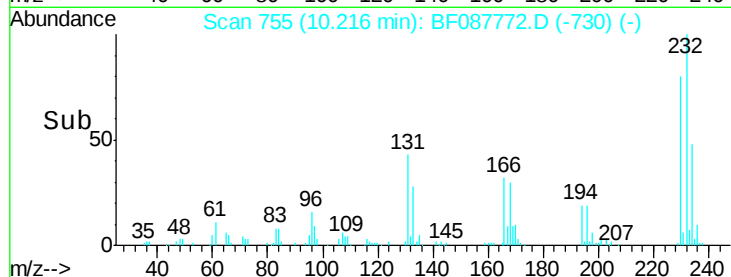
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 43.46 ng
 RT: 10.22 min Scan# 755
 Delta R.T. -0.01 min
 Lab File: BF087772.D
 Acq: 7 Jun 2016 3:26

Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-49-060116MSD

Tgt Ion:	232	Resp:	116255
Ion	Ratio	Lower	Upper
232	100		
131	49.7	0.9	1.3#
130	0.0	1.5	2.3#
166	34.1	0.5	0.7#

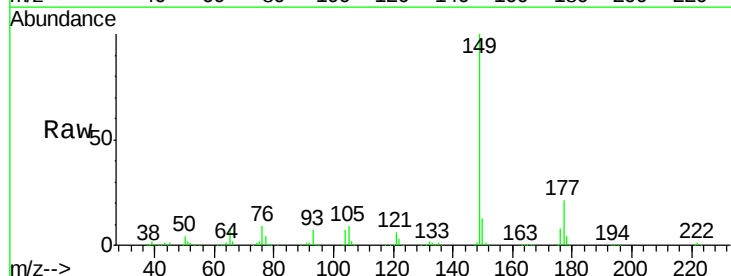


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

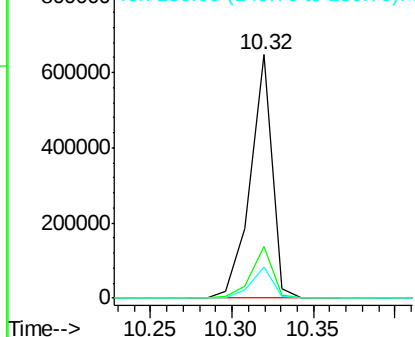
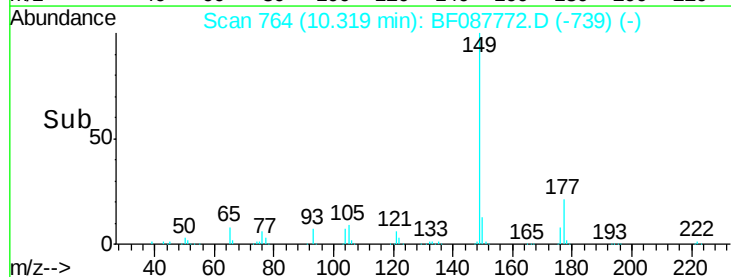


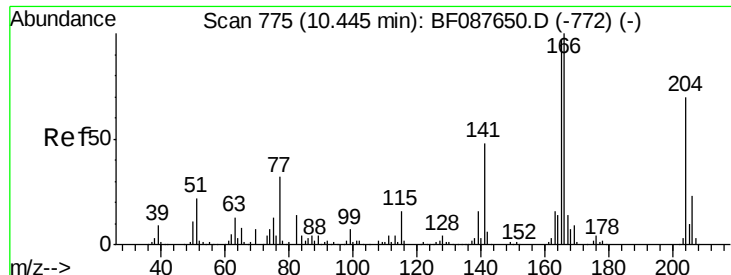
#59
 Diethylphthalate
 Concen: 51.29 ng
 RT: 10.32 min Scan# 764
 Delta R.T. -0.01 min
 Lab File: BF087772.D
 Acq: 7 Jun 2016 3:26

Tgt Ion:	149	Resp:	600300
Ion	Ratio	Lower	Upper
149	100		
177	21.0	16.9	25.3
150	12.8	10.1	15.1



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 177.00 (176.70 to 177.70): E
 Ion 150.00 (149.70 to 150.70): E

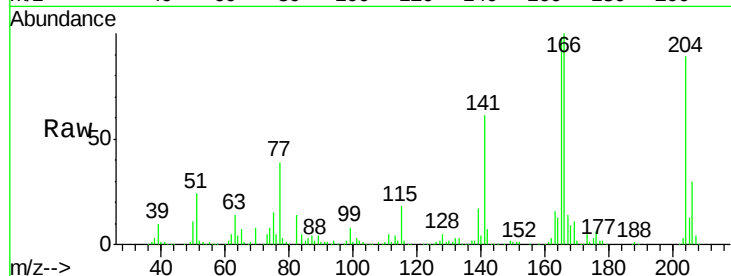




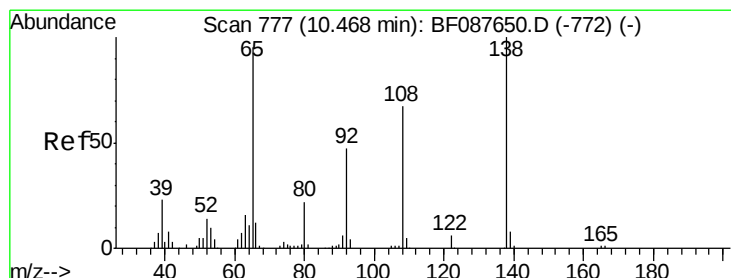
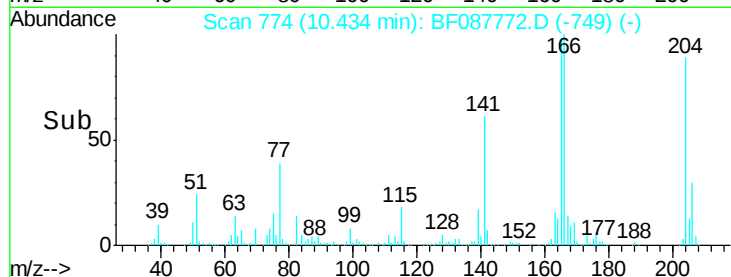
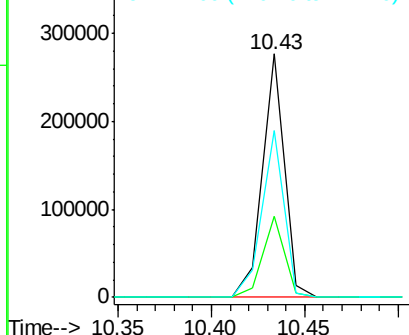
#60
 4-Chlorophenyl-phenylether
 Concen: 61.89 ng
 RT: 10.43 min Scan# 774
 Delta R.T. -0.01 min
 Lab File: BF087772.D
 Acq: 7 Jun 2016 3:26

Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-49-060116MSD

Tgt Ion: 204 Resp: 222992
 Ion Ratio Lower Upper
 204 100
 206 33.5 26.3 39.5
 141 68.7 55.0 82.6

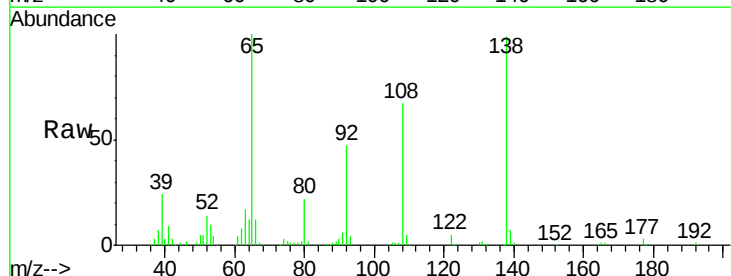


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

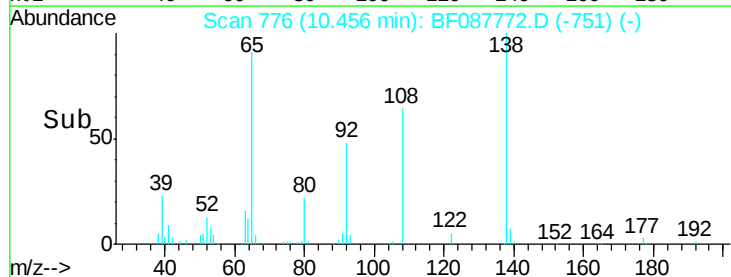
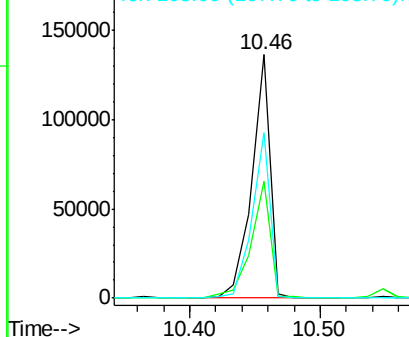


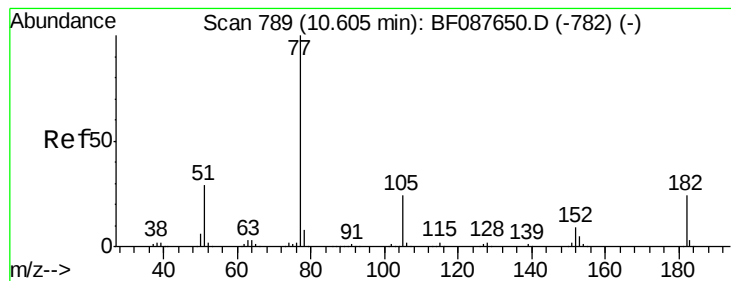
#61
 4-Nitroaniline
 Concen: 45.98 ng
 RT: 10.46 min Scan# 776
 Delta R.T. -0.01 min
 Lab File: BF087772.D
 Acq: 7 Jun 2016 3:26

Tgt Ion: 138 Resp: 134058
 Ion Ratio Lower Upper
 138 100
 92 47.9 27.3 67.3
 108 68.0 46.7 86.7



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





#62

Azobenzene

Concen: 46.95 ng

RT: 10.59 min Scan# 788

Delta R.T. -0.01 min

Lab File: BF087772.D

Acq: 7 Jun 2016 3:26

Instrument :

BNA_F

ClientSampleId :

HSR-WC-49-060116MSD

Tgt Ion: 77 Resp: 553051

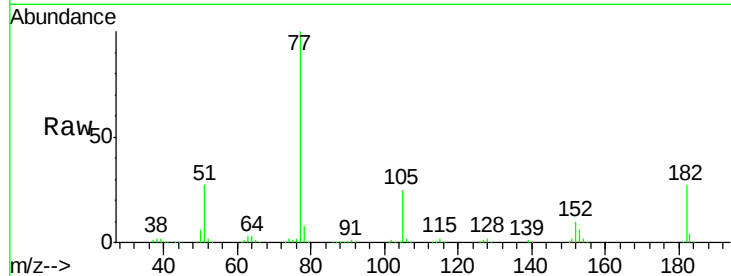
Ion Ratio Lower Upper

77 100

182 27.2 4.4 44.4

105 24.7 3.8 43.8

51 26.8 9.3 49.3

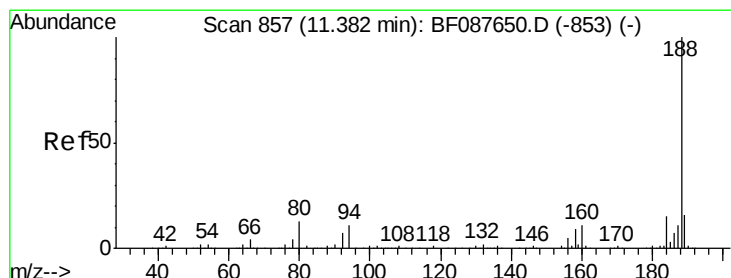
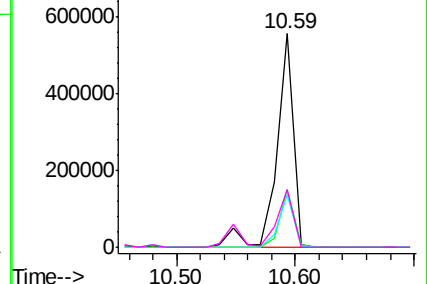
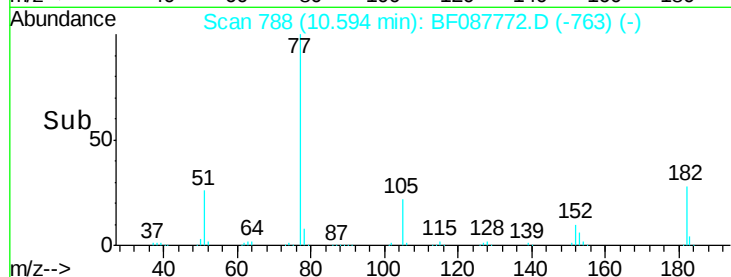


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.37 min Scan# 856

Delta R.T. -0.01 min

Lab File: BF087772.D

Acq: 7 Jun 2016 3:26

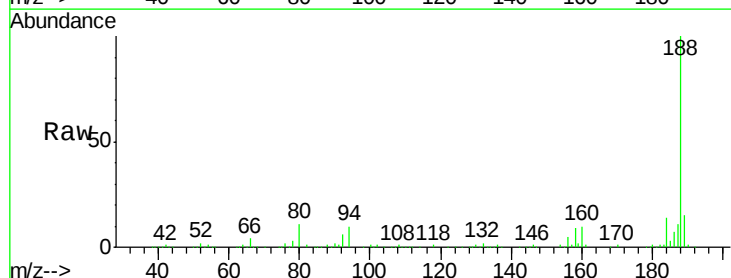
Tgt Ion: 188 Resp: 245768

Ion Ratio Lower Upper

188 100

94 10.3 9.0 13.6

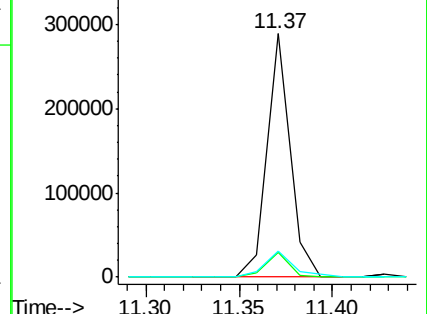
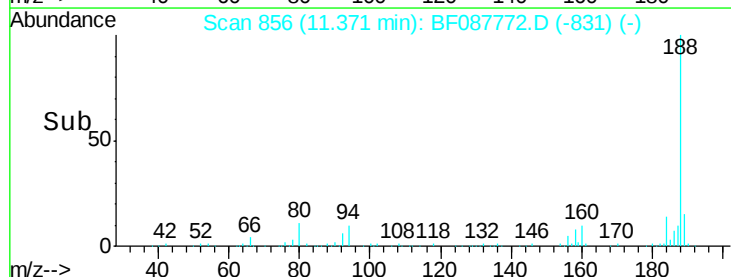
80 10.9 10.0 15.0

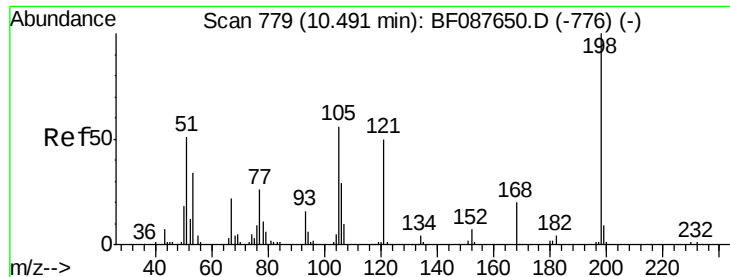


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

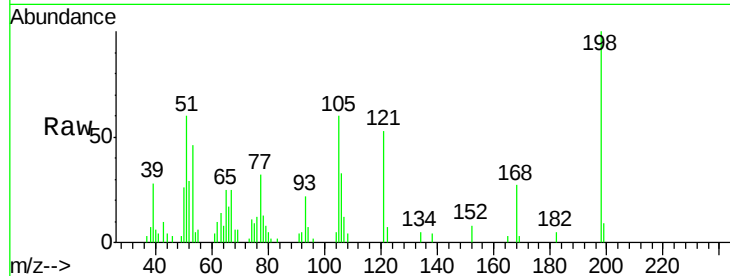




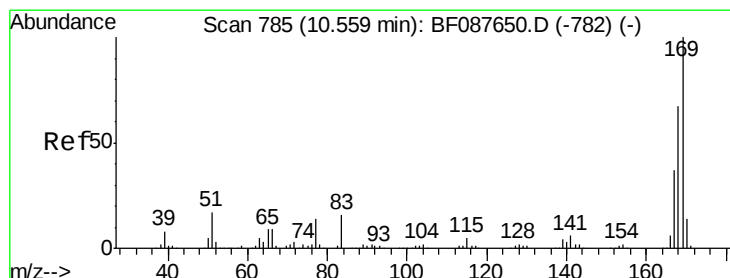
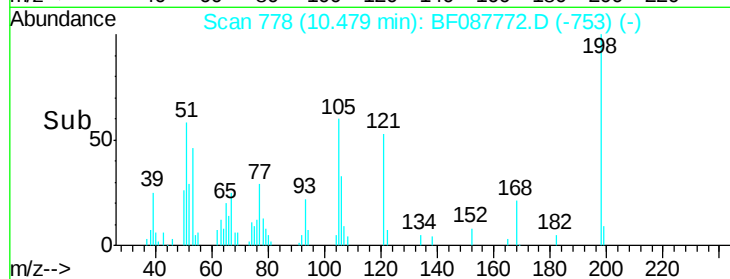
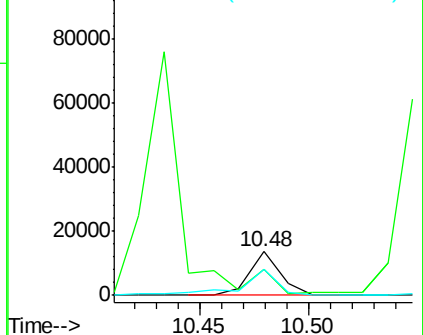
#64
4,6-Dinitro-2-methylphenol
Concen: 11.25 ng
RT: 10.48 min Scan# 778
Delta R.T. -0.01 min
Lab File: BF087772.D
Acq: 7 Jun 2016 3:26

Instrument :
BNA_F
ClientSampleId :
HSR-WC-49-060116MSD

Tgt Ion:198 Resp: 13168
Ion Ratio Lower Upper
198 100
51 60.4 39.6 79.6
105 59.8 36.6 76.6

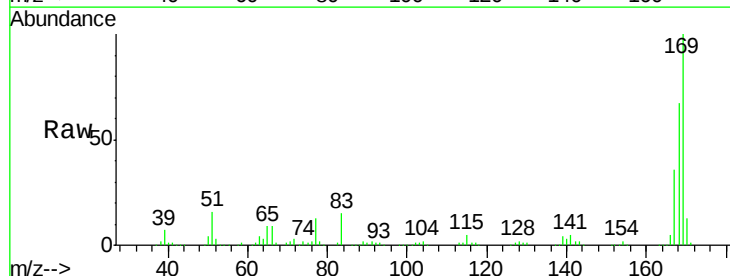


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF0
Ion 105.00 (104.70 to 105.70): E

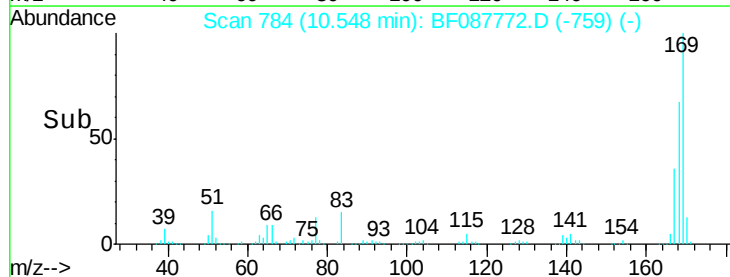
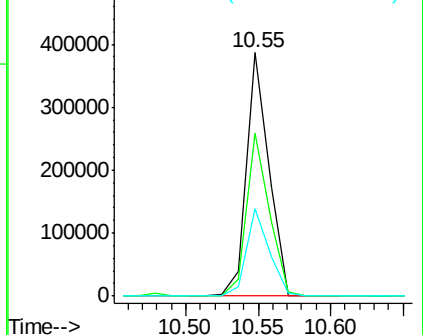


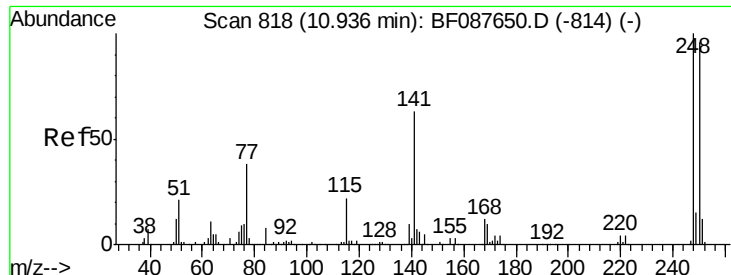
#65
n-Nitrosodiphenylamine
Concen: 51.26 ng
RT: 10.55 min Scan# 784
Delta R.T. -0.01 min
Lab File: BF087772.D
Acq: 7 Jun 2016 3:26

Tgt Ion:169 Resp: 412667
Ion Ratio Lower Upper
169 100
168 67.2 53.4 80.0
167 36.0 29.4 44.0



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

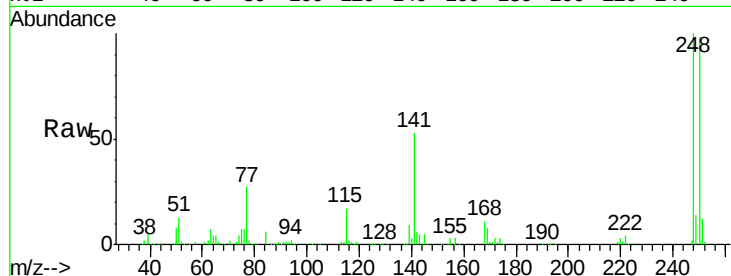




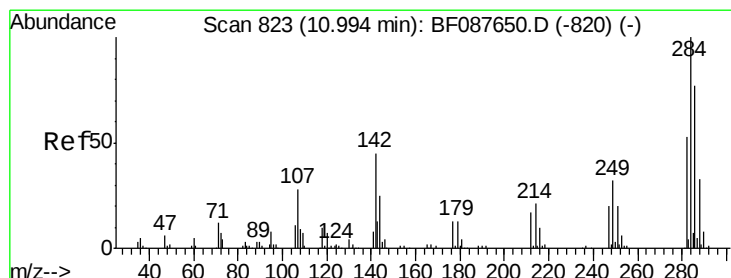
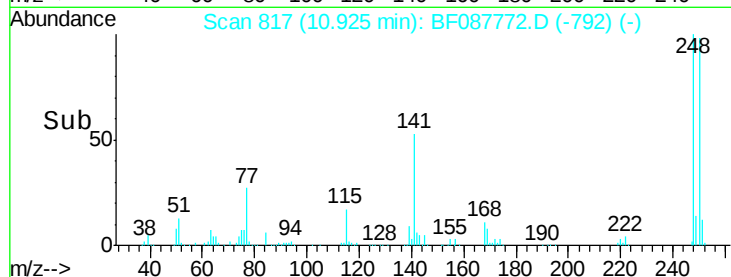
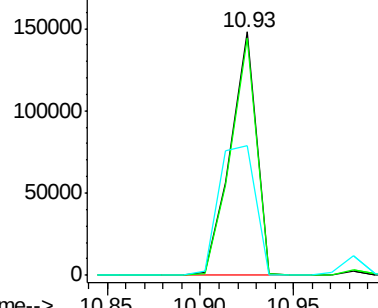
#66
4-Bromophenyl-phenylether
Concen: 58.27 ng
RT: 10.93 min Scan# 817
Delta R.T. -0.01 min
Lab File: BF087772.D
Acq: 7 Jun 2016 3:26

Instrument :
BNA_F
ClientSampleId :
HSR-WC-49-060116MSD

Tgt Ion:248 Resp: 142016
Ion Ratio Lower Upper
248 100
250 97.5 77.1 115.7
141 53.3 50.6 76.0

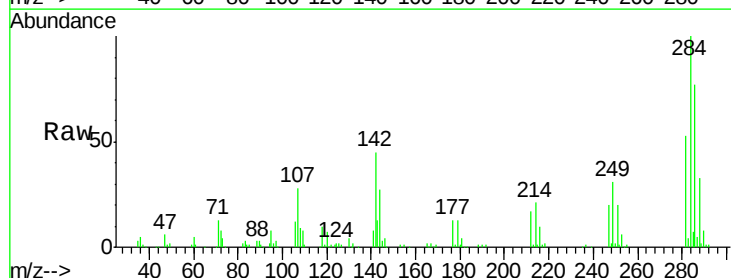


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

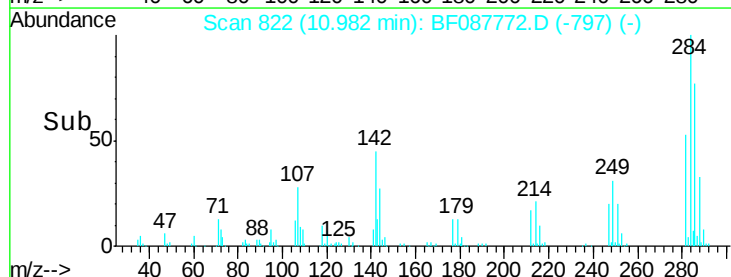
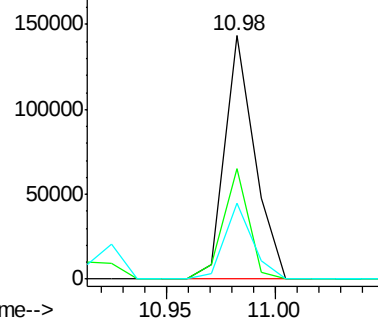


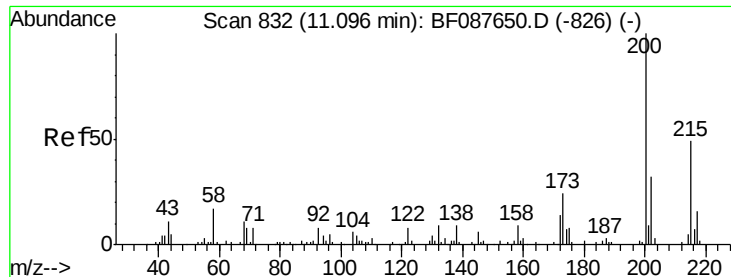
#67
Hexachlorobenzene
Concen: 50.16 ng
RT: 10.98 min Scan# 822
Delta R.T. -0.01 min
Lab File: BF087772.D
Acq: 7 Jun 2016 3:26

Tgt Ion:284 Resp: 136695
Ion Ratio Lower Upper
284 100
142 45.3 35.8 53.8
249 31.0 25.8 38.6



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

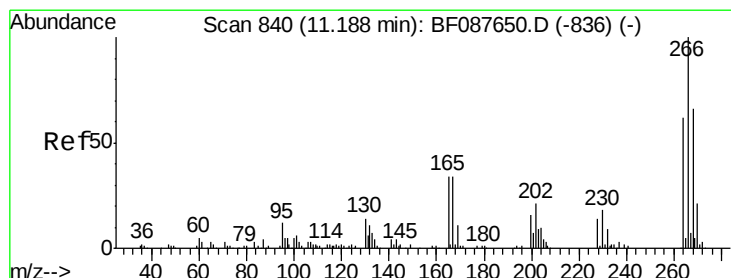
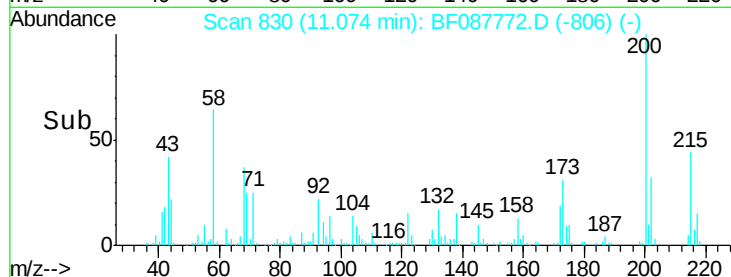
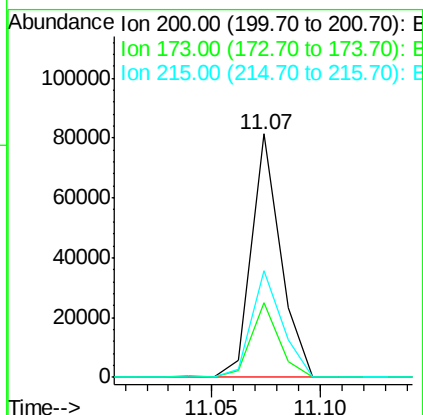
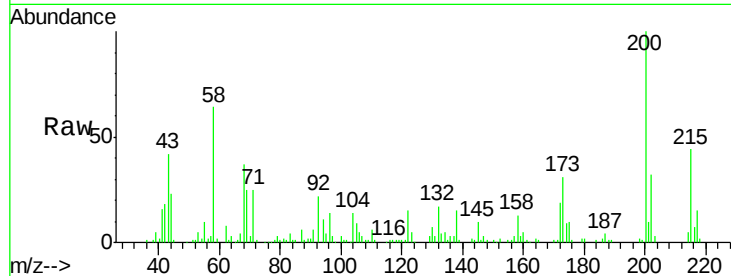




#68
Atrazine
Concen: 31.78 ng
RT: 11.07 min Scan# 830
Delta R.T. -0.02 min
Lab File: BF087772.D
Acq: 7 Jun 2016 3:26

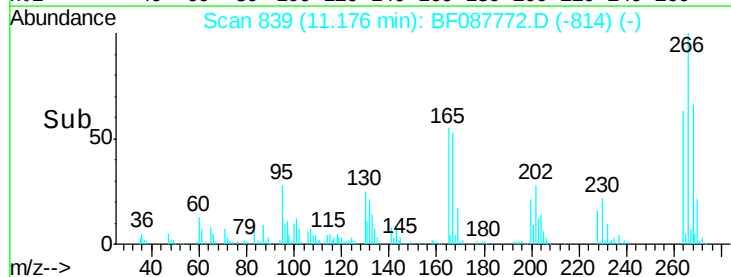
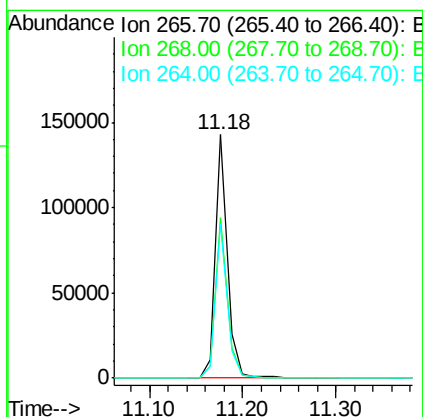
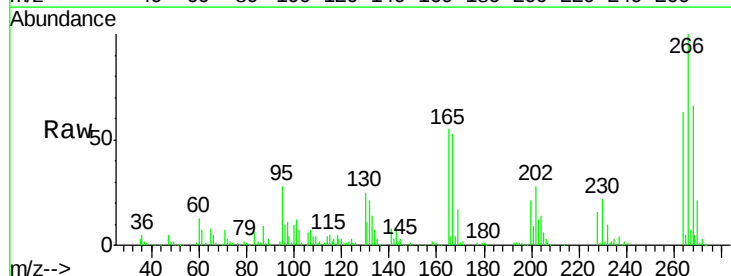
Instrument :
BNA_F
ClientSampleId :
HSR-WC-49-060116MSD

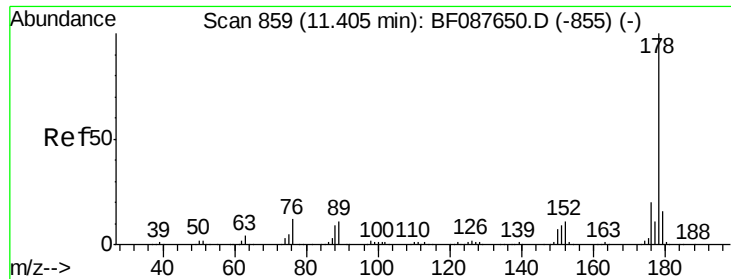
Tgt Ion:200 Resp: 75774
Ion Ratio Lower Upper
200 100
173 30.6 4.0 44.0
215 43.7 29.3 69.3



#69
Pentachlorophenol
Concen: 78.81 ng
RT: 11.18 min Scan# 839
Delta R.T. -0.01 min
Lab File: BF087772.D
Acq: 7 Jun 2016 3:26

Tgt Ion:266 Resp: 127623
Ion Ratio Lower Upper
266 100
268 65.8 52.8 79.2
264 63.0 49.6 74.4

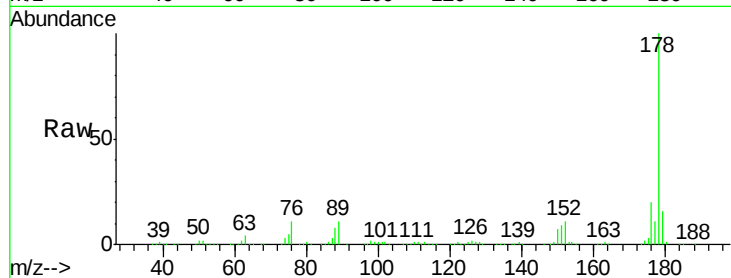




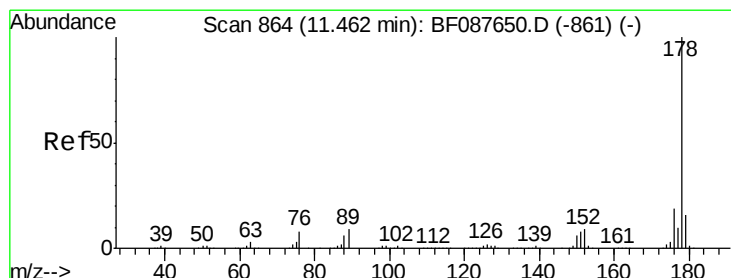
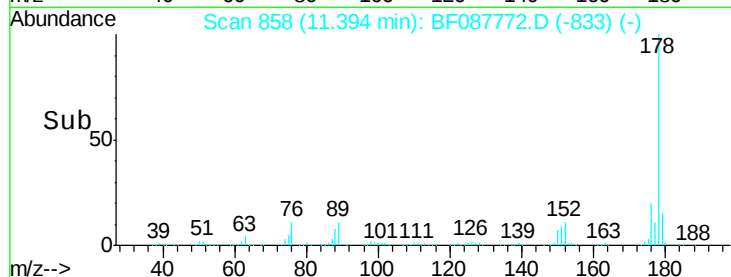
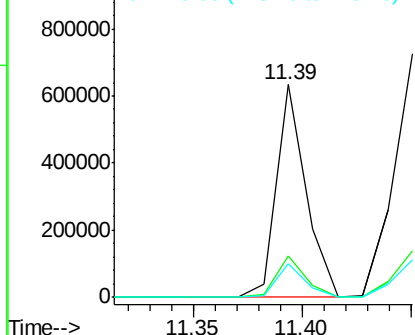
#70
Phenanthrene
Concen: 45.24 ng
RT: 11.39 min Scan# 858
Delta R.T. -0.01 min
Lab File: BF087772.D
Acq: 7 Jun 2016 3:26

Instrument :
BNA_F
ClientSampleId :
HSR-WC-49-060116MSD

Tgt Ion:178 Resp: 602869
Ion Ratio Lower Upper
178 100
176 19.7 15.8 23.6
179 15.8 13.0 19.4

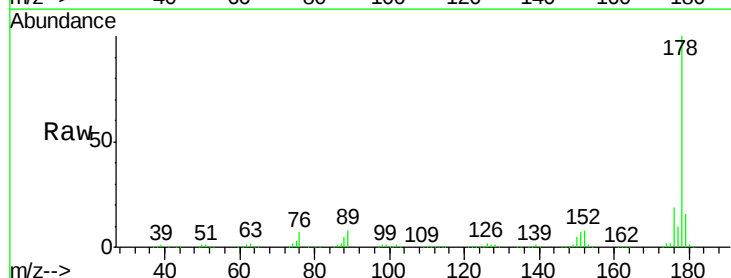


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

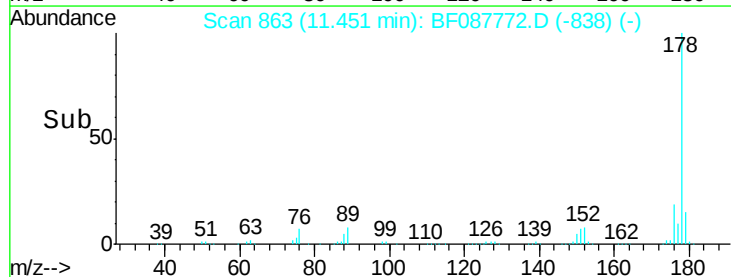
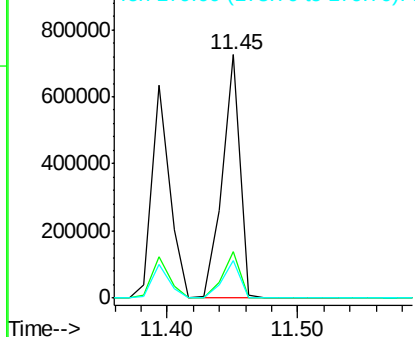


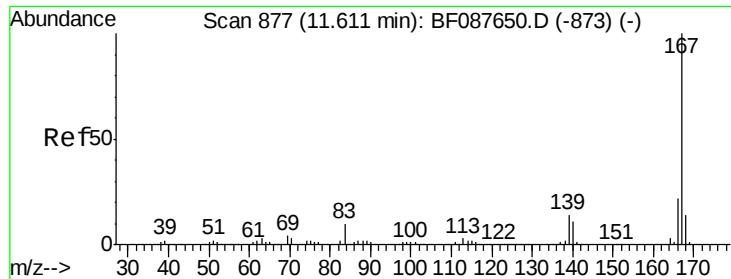
#71
Anthracene
Concen: 51.61 ng
RT: 11.45 min Scan# 863
Delta R.T. -0.01 min
Lab File: BF087772.D
Acq: 7 Jun 2016 3:26

Tgt Ion:178 Resp: 689095
Ion Ratio Lower Upper
178 100
176 18.9 15.6 23.4
179 15.5 12.8 19.2



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

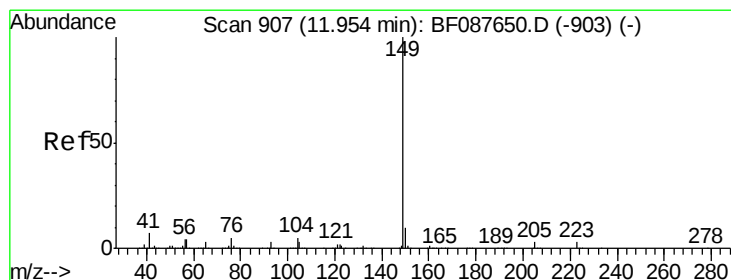
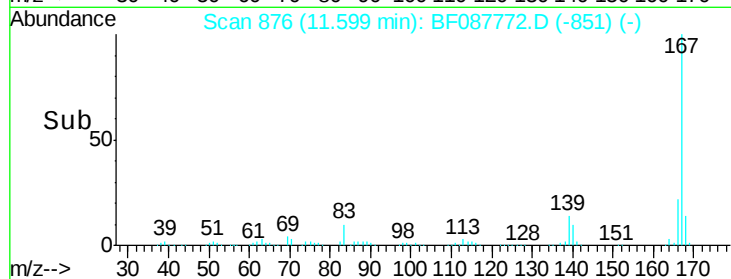
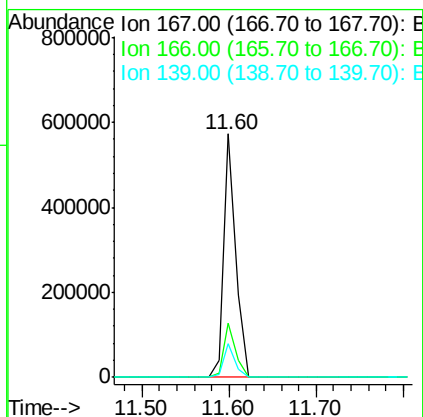
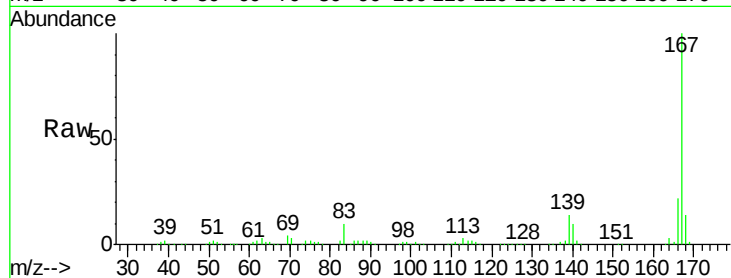




#72
 Carbazole
 Concen: 44.18 ng
 RT: 11.60 min Scan# 876
 Delta R.T. -0.01 min
 Lab File: BF087772.D
 Acq: 7 Jun 2016 3:26

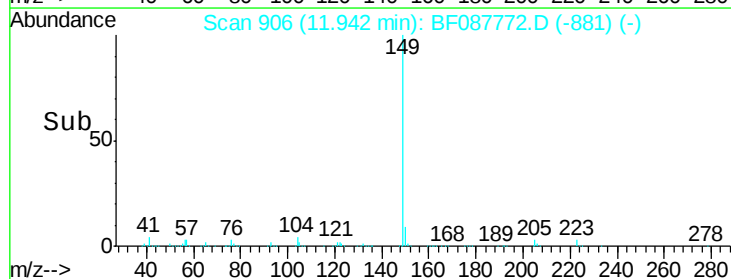
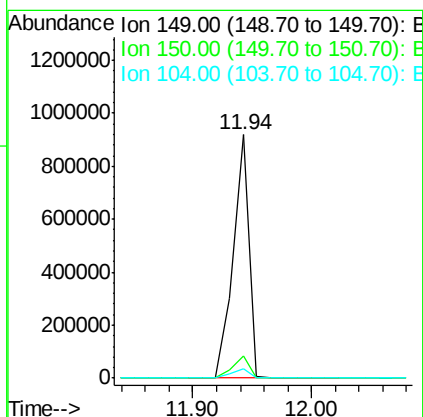
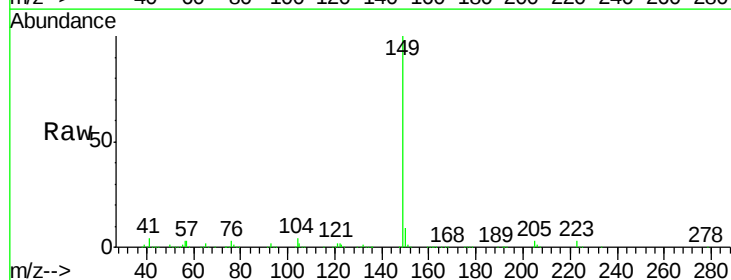
Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-49-060116MSD

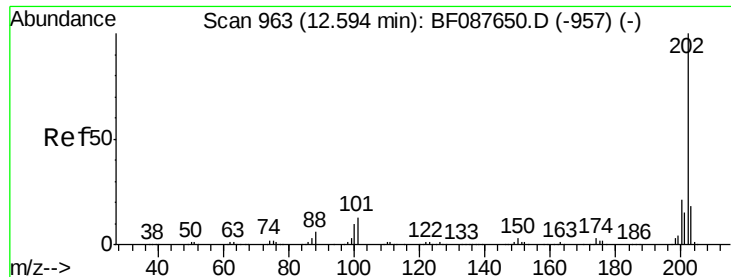
Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.0	17.8	26.6
139	14.0	11.2	16.8



#73
 Di-n-butylphthalate
 Concen: 62.50 ng
 RT: 11.94 min Scan# 906
 Delta R.T. -0.01 min
 Lab File: BF087772.D
 Acq: 7 Jun 2016 3:26

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.4	7.8	11.6
104	4.1	4.0	6.0

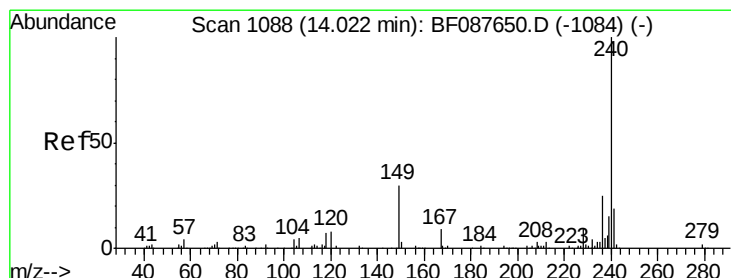
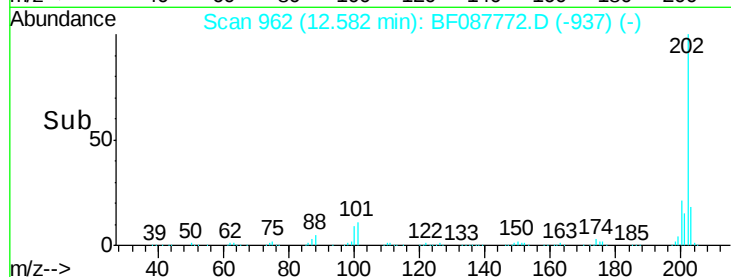
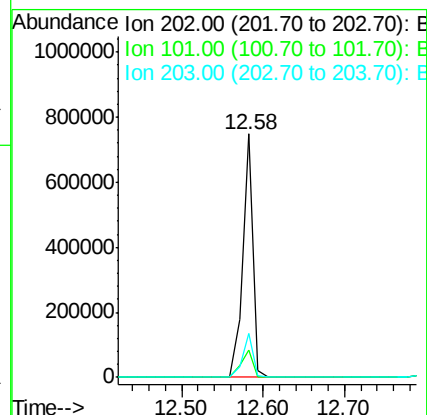
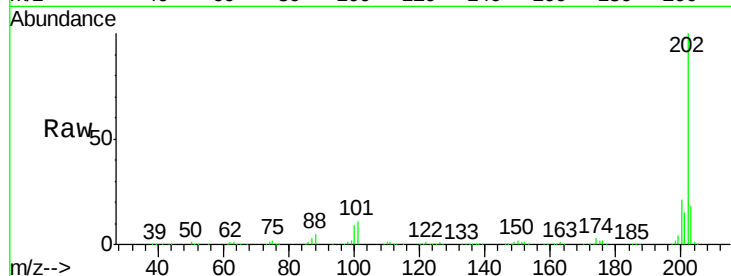




#74
 Fluoranthene
 Concen: 49.99 ng
 RT: 12.58 min Scan# 962
 Delta R.T. -0.01 min
 Lab File: BF087772.D
 Acq: 7 Jun 2016 3:26

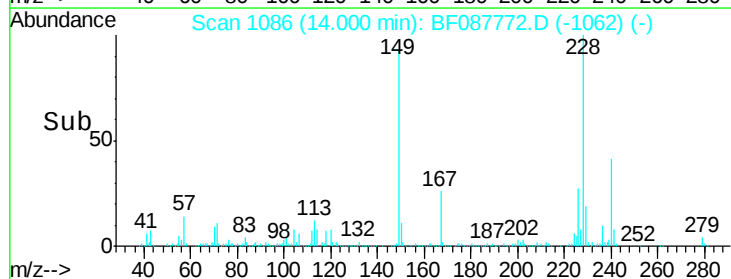
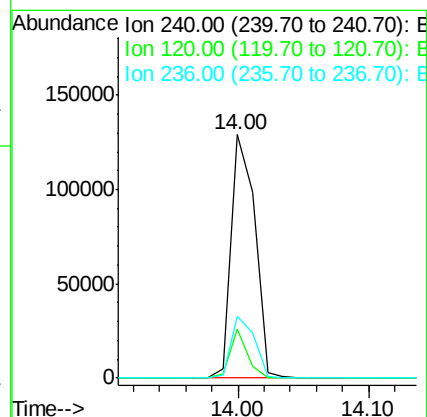
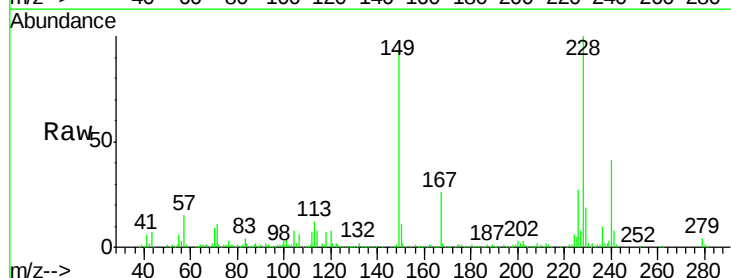
Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-49-060116MSD

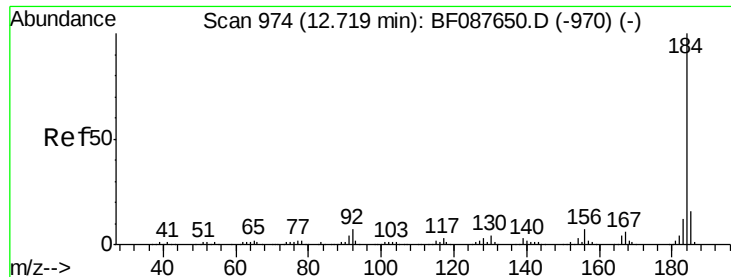
Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.5	0.0	33.1
203	17.8	0.0	38.1



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.00 min Scan# 1086
 Delta R.T. -0.02 min
 Lab File: BF087772.D
 Acq: 7 Jun 2016 3:26

Tgt Ion	Ratio	Lower	Upper
240	100		
120	20.2	6.8	10.2#
236	25.5	20.2	30.2





#76

Benzidine

Concen: 16.04 ng

RT: 12.70 min Scan# 972

Delta R.T. -0.02 min

Lab File: BF087772.D

Acq: 7 Jun 2016 3:26

Instrument :

BNA_F

ClientSampleId :

HSR-WC-49-060116MSD

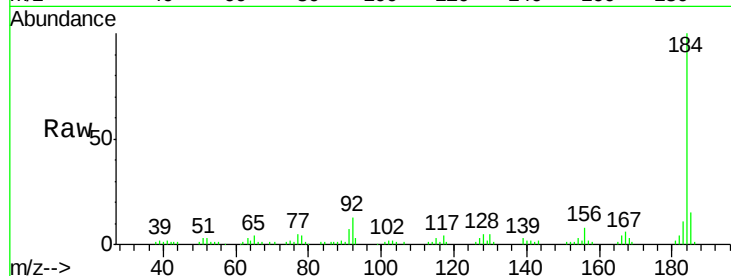
Tgt Ion:184 Resp: 102958

Ion Ratio Lower Upper

184 100

185 14.9 12.5 18.7

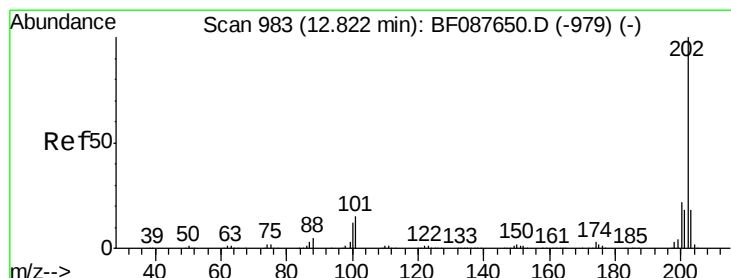
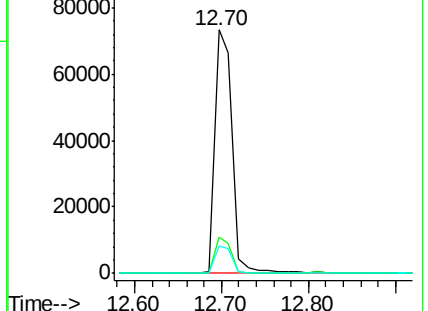
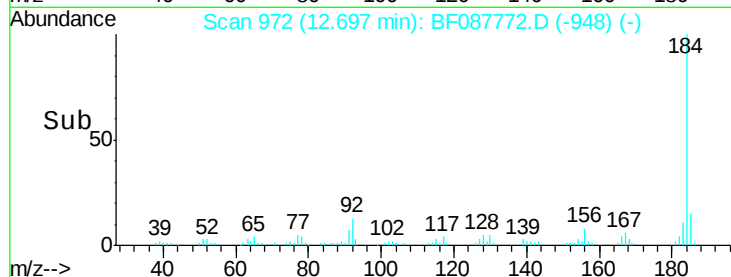
183 11.4 9.3 13.9



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#77

Pyrene

Concen: 58.40 ng

RT: 12.81 min Scan# 982

Delta R.T. -0.01 min

Lab File: BF087772.D

Acq: 7 Jun 2016 3:26

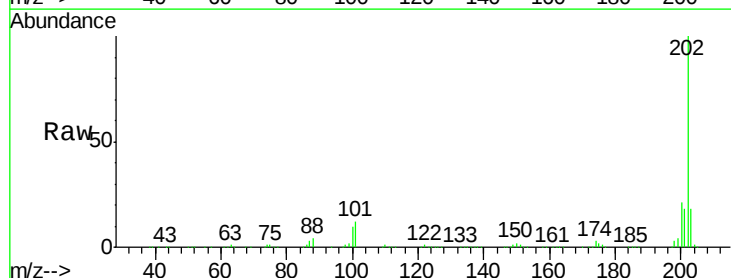
Tgt Ion:202 Resp: 676798

Ion Ratio Lower Upper

202 100

200 21.3 17.4 26.2

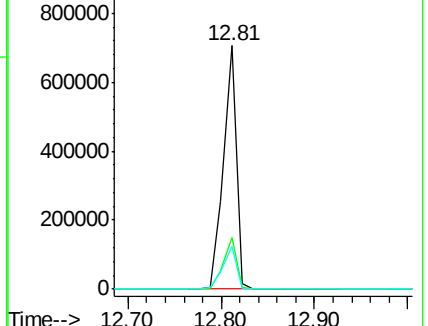
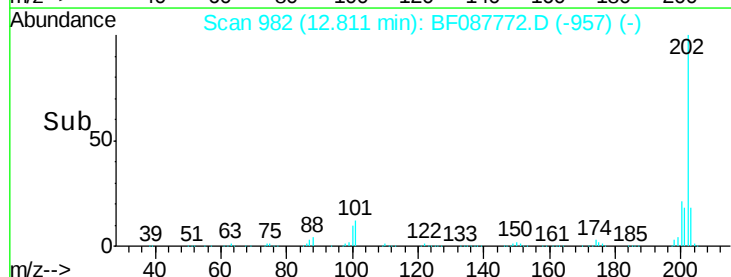
203 17.6 14.5 21.7

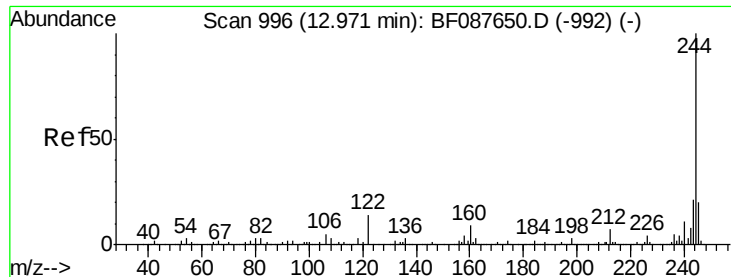


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

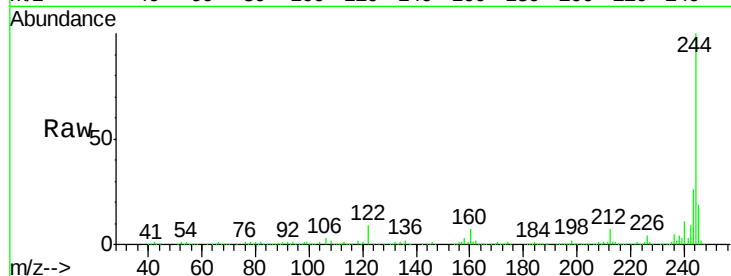




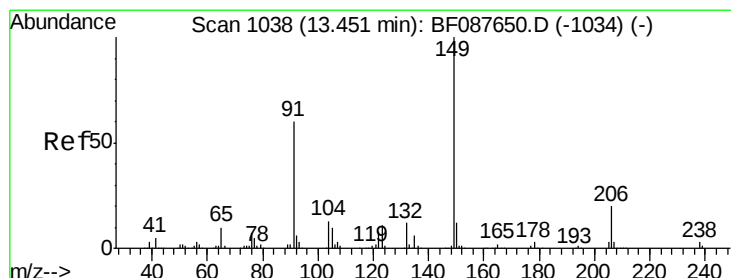
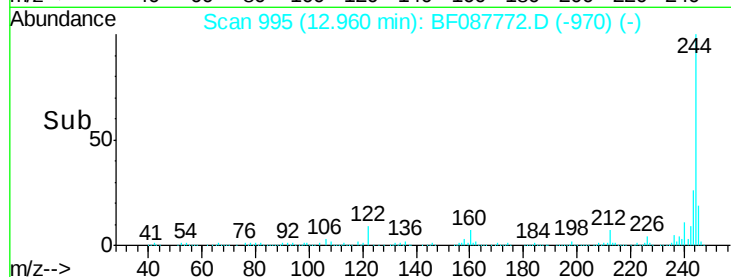
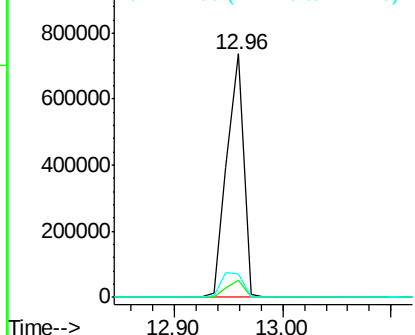
#78
 Terphenyl-d14
 Concen: 118.60 ng
 RT: 12.96 min Scan# 995
 Delta R.T. -0.01 min
 Lab File: BF087772.D
 Acq: 7 Jun 2016 3:26

Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-49-060116MSD

Tgt Ion: 244 Resp: 791005
 Ion Ratio Lower Upper
 244 100
 212 6.8 6.0 9.0
 122 9.4 11.2 16.8#

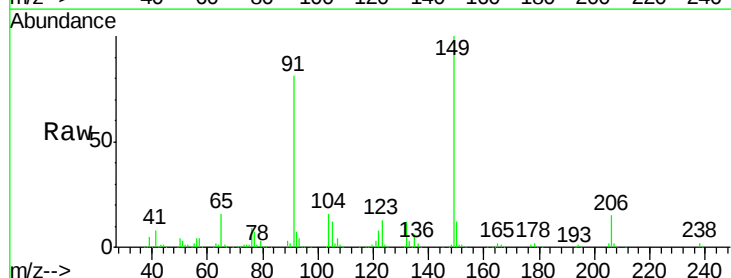


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

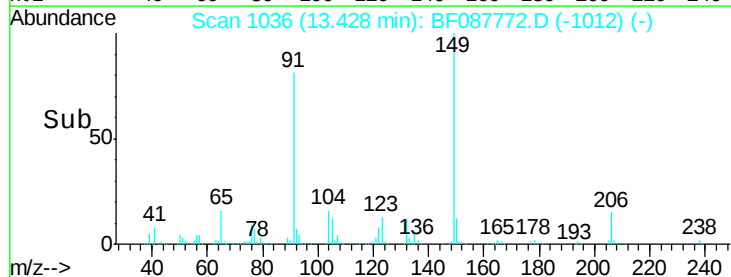
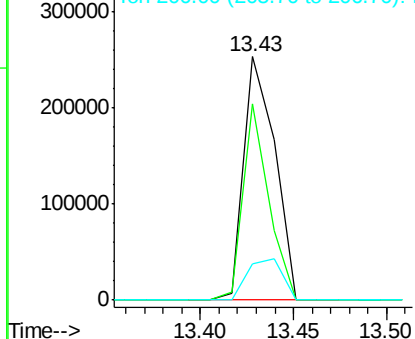


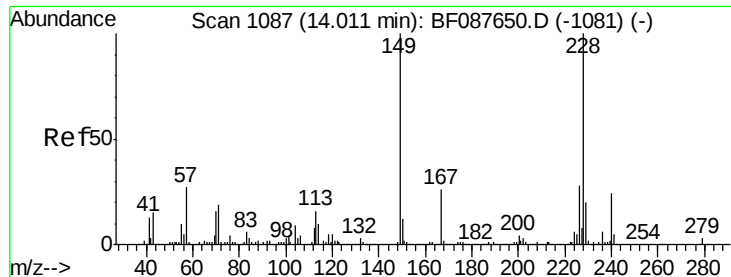
#79
 Butylbenzylphthalate
 Concen: 59.58 ng
 RT: 13.43 min Scan# 1036
 Delta R.T. -0.02 min
 Lab File: BF087772.D
 Acq: 7 Jun 2016 3:26

Tgt Ion: 149 Resp: 293849
 Ion Ratio Lower Upper
 149 100
 91 80.7 48.0 72.0#
 206 14.7 16.0 24.0#



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 91.00 (90.70 to 91.70): BF0
 Ion 206.00 (205.70 to 206.70): E





#80

Benzo(a)anthracene

Concen: 55.11 ng

RT: 13.99 min Scan# 1085

Delta R.T. -0.02 min

Lab File: BF087772.D

Acq: 7 Jun 2016 3:26

Instrument :

BNA_F

ClientSampleId :

HSR-WC-49-060116MSD

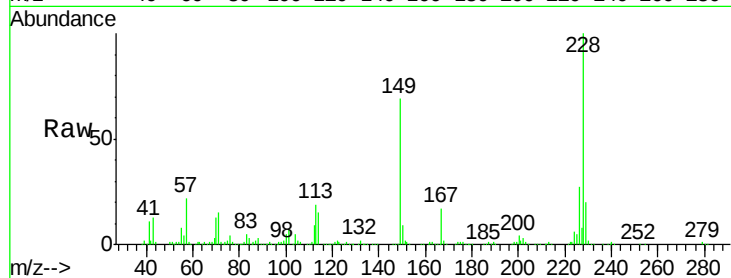
Tgt Ion:228 Resp: 517658

Ion Ratio Lower Upper

228 100

226 27.0 22.3 33.5

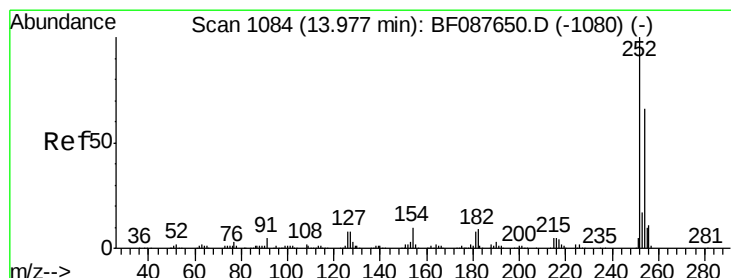
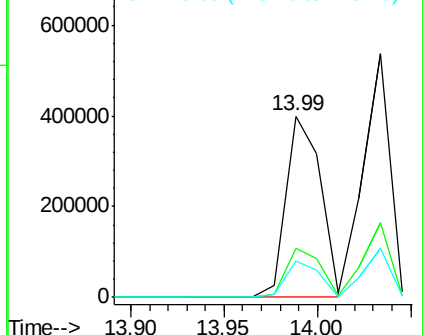
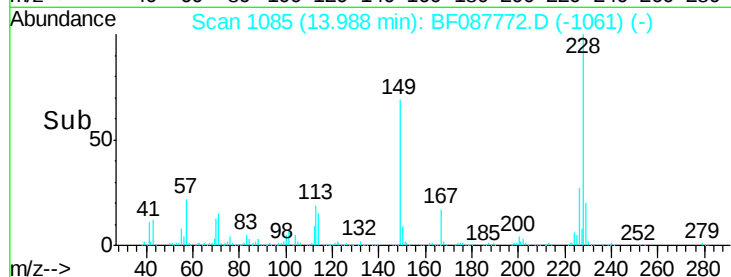
229 19.8 16.0 24.0



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#81

3,3'-Dichlorobenzidine

Concen: 46.45 ng

RT: 13.95 min Scan# 1082

Delta R.T. -0.02 min

Lab File: BF087772.D

Acq: 7 Jun 2016 3:26

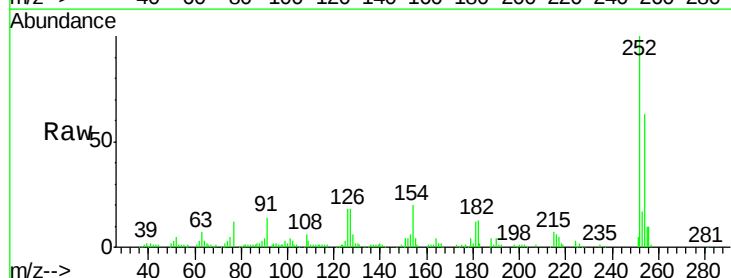
Tgt Ion:252 Resp: 123085

Ion Ratio Lower Upper

252 100

254 62.9 52.6 78.8

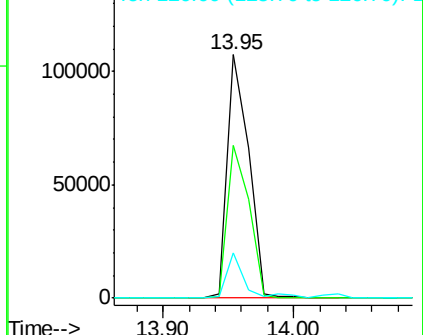
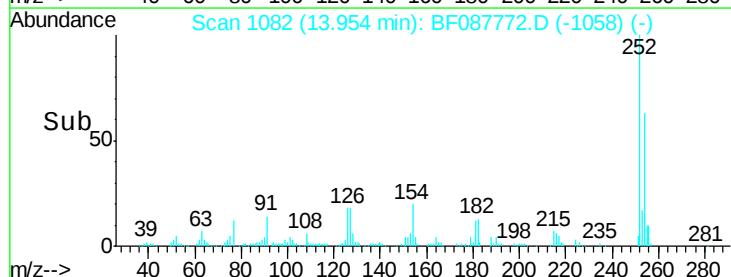
126 18.4 6.2 9.2#

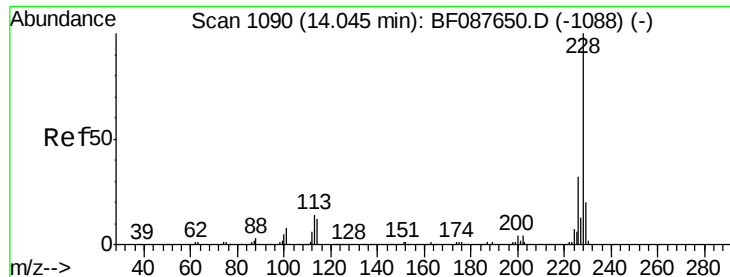


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#82

Chrysene

Concen: 57.22 ng

RT: 14.03 min Scan# 1089

Delta R.T. -0.01 min

Lab File: BF087772.D

Acq: 7 Jun 2016 3:26

Instrument :

BNA_F

ClientSampleId :

HSR-WC-49-060116MSD

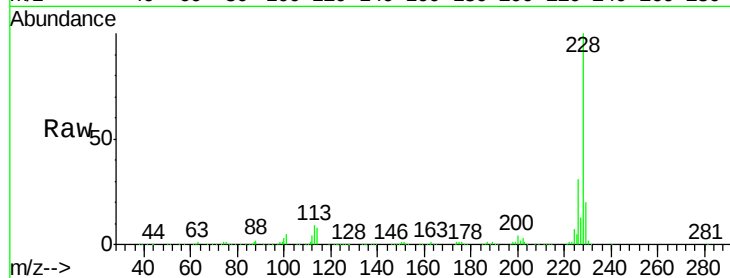
Tgt Ion:228 Resp: 534945

Ion Ratio Lower Upper

228 100

226 30.5 25.4 38.2

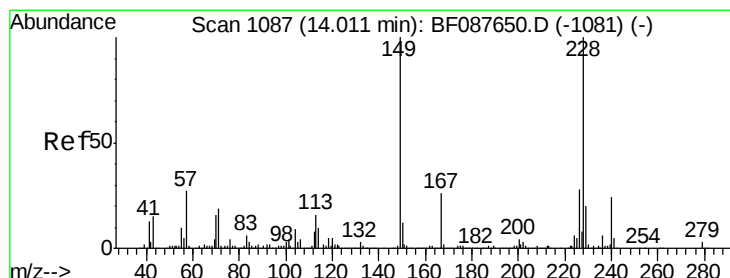
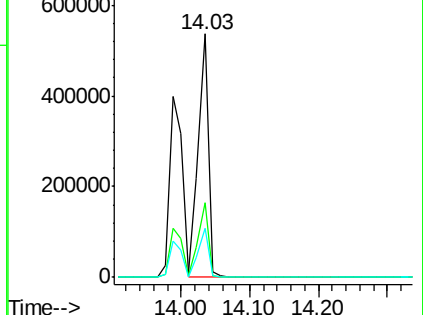
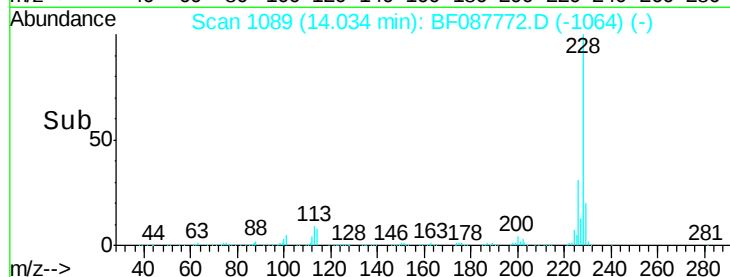
229 19.9 16.3 24.5



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: 68.33 ng

RT: 14.00 min Scan# 1086

Delta R.T. -0.01 min

Lab File: BF087772.D

Acq: 7 Jun 2016 3:26

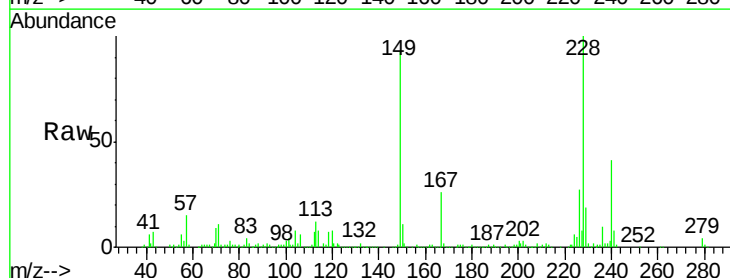
Tgt Ion:149 Resp: 401036

Ion Ratio Lower Upper

149 100

167 27.9 20.5 30.7

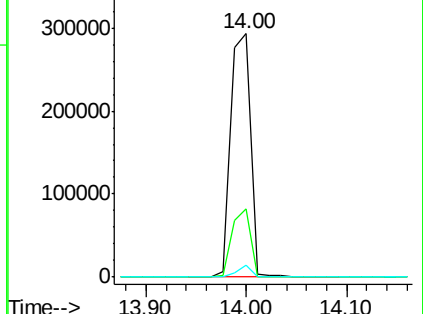
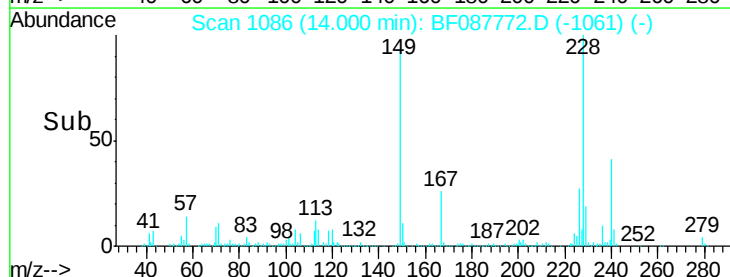
279 4.8 2.0 3.0#

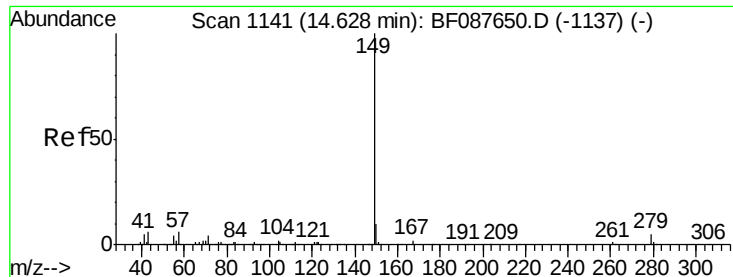


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#84

Di-n-octyl phthalate

Concen: 65.46 ng

RT: 14.61 min Scan# 1139

Delta R.T. -0.02 min

Lab File: BF087772.D

Acq: 7 Jun 2016 3:26

Instrument :

BNA_F

ClientSampleId :

HSR-WC-49-060116MSD

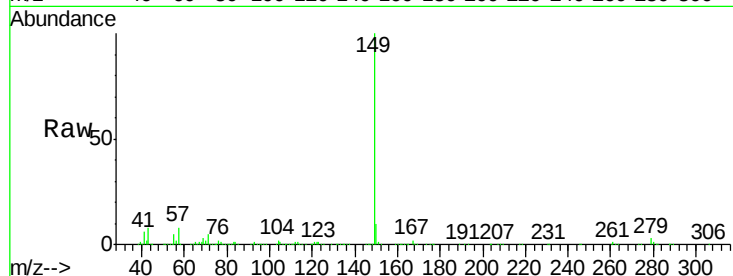
Tgt Ion:149 Resp: 714256

Ion Ratio Lower Upper

149 100

167 1.6 0.0 0.0#

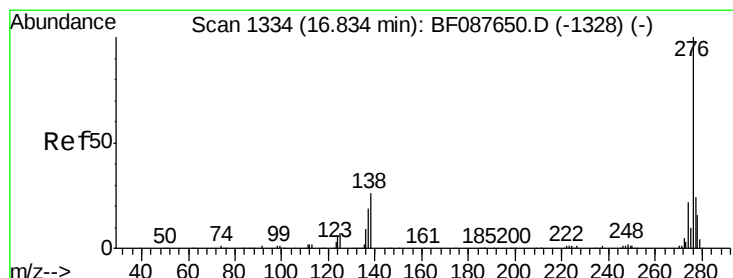
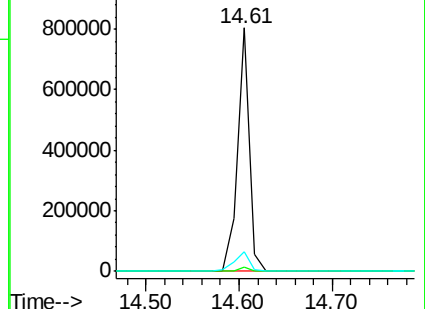
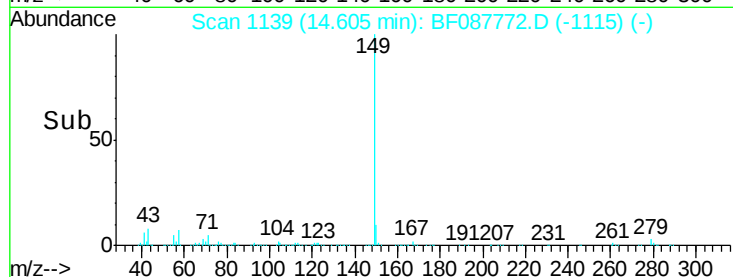
43 10.1 0.0 0.0#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0



#85

Indeno(1,2,3-cd)pyrene

Concen: 53.96 ng

RT: 16.81 min Scan# 1332

Delta R.T. -0.02 min

Lab File: BF087772.D

Acq: 7 Jun 2016 3:26

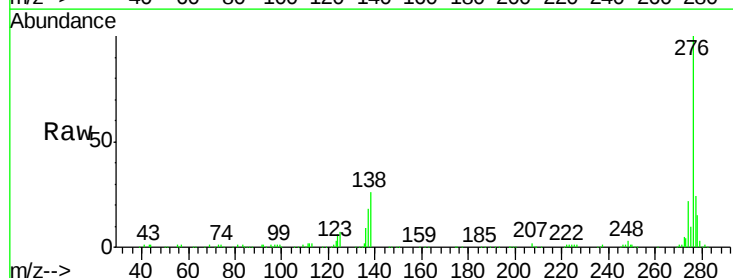
Tgt Ion:276 Resp: 416945

Ion Ratio Lower Upper

276 100

138 28.9 0.0 0.0#

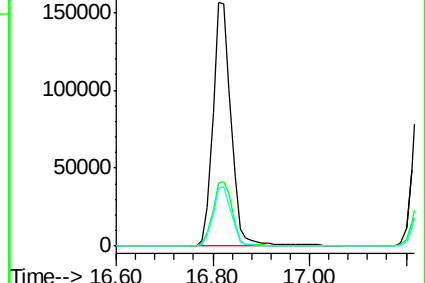
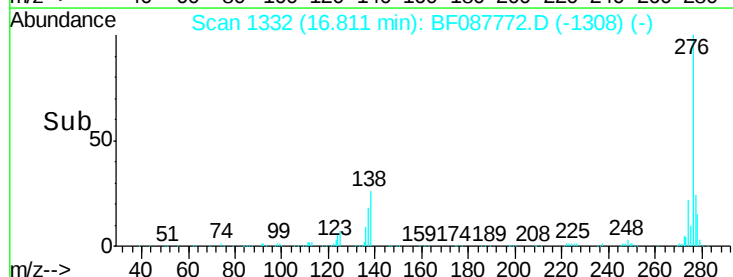
277 24.8 0.0 0.0#

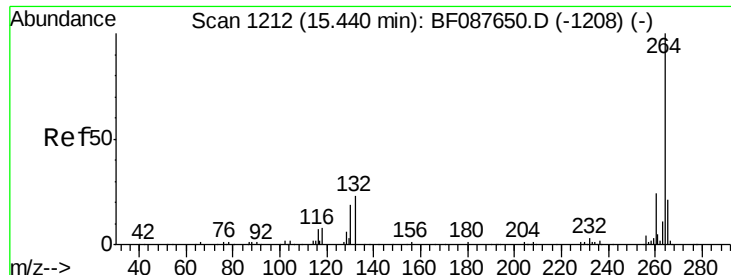


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

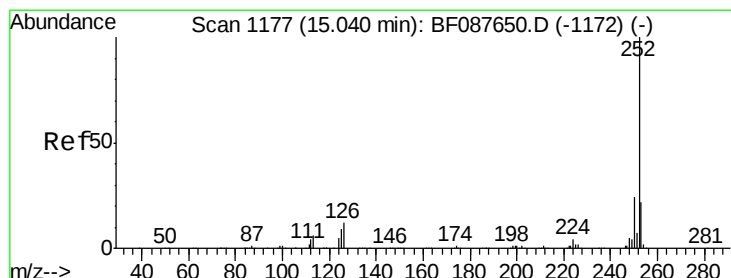
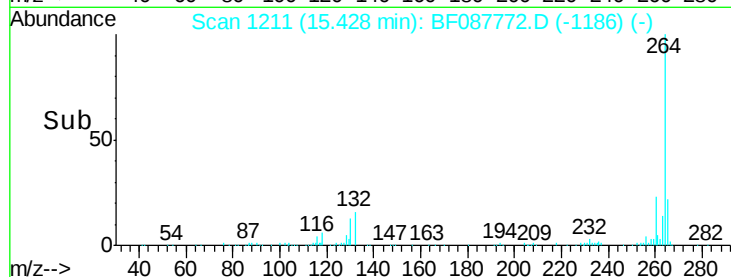
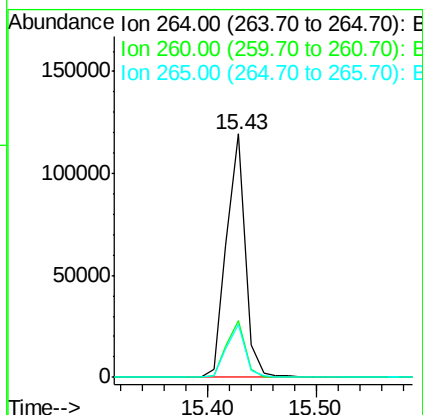
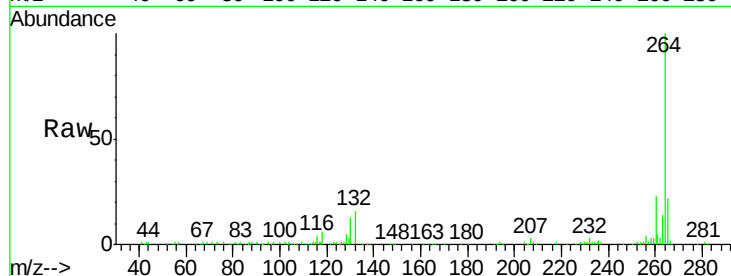




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.43 min Scan# 1211
Delta R.T. -0.01 min
Lab File: BF087772.D
Acq: 7 Jun 2016 3:26

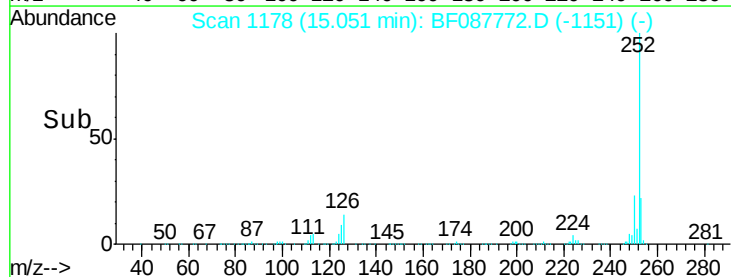
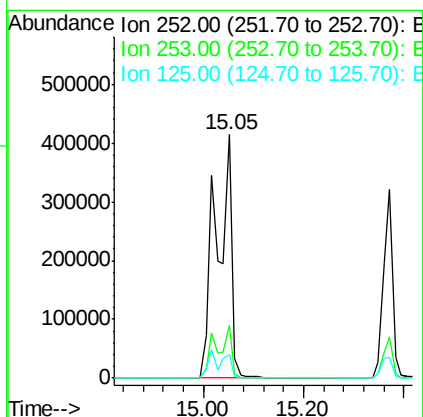
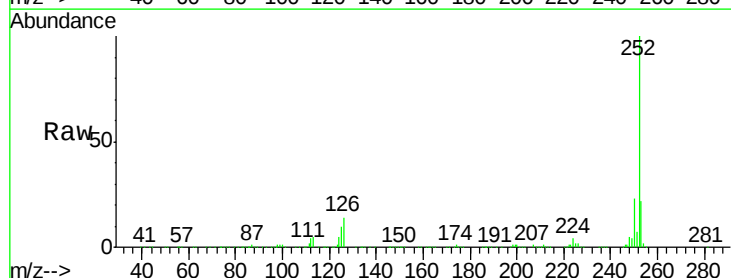
Instrument :
BNA_F
ClientSampleId :
HSR-WC-49-060116MSD

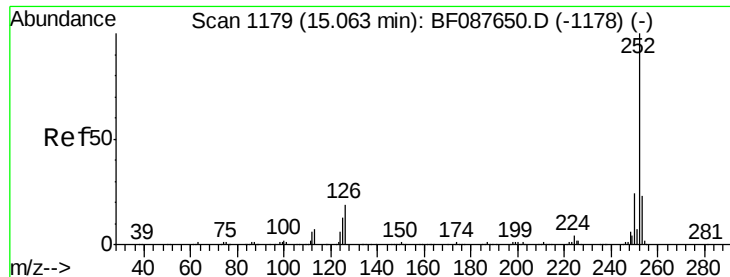
Tgt Ion: 264 Resp: 143154
Ion Ratio Lower Upper
264 100
260 23.3 19.2 28.8
265 21.6 16.9 25.3



#87
Benzo(b)fluoranthene
Concen: 94.51 ng
RT: 15.05 min Scan# 1178
Delta R.T. 0.01 min
Lab File: BF087772.D
Acq: 7 Jun 2016 3:26

Tgt Ion: 252 Resp: 880122
Ion Ratio Lower Upper
252 100
253 22.0 17.4 26.2
125 9.6 7.1 10.7

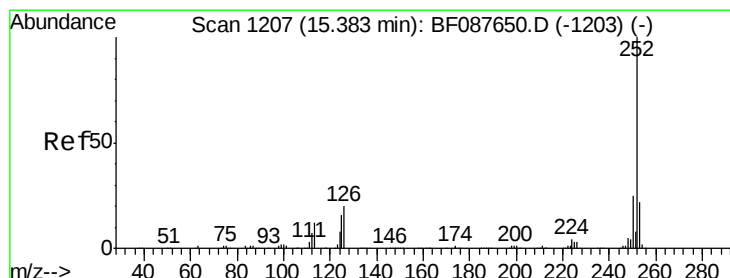
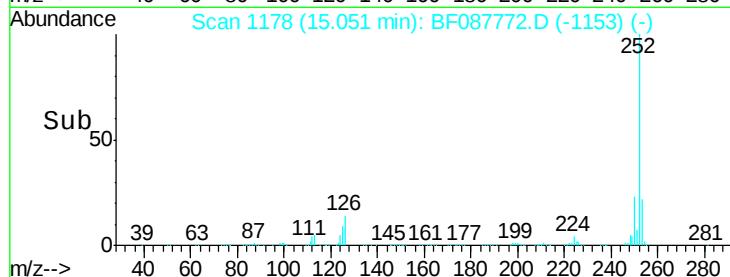
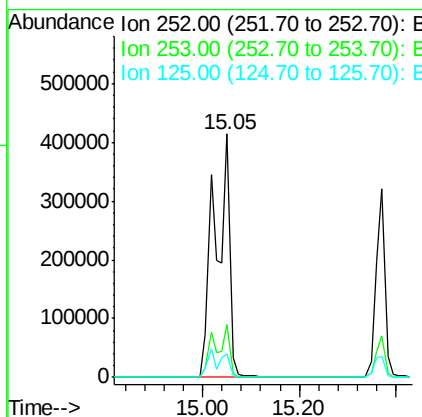
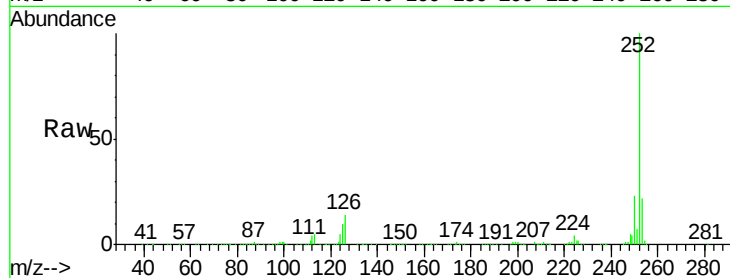




#88
Benzo(k)fluoranthene
Concen: 113.60 ng
RT: 15.05 min Scan# 1178
Delta R.T. -0.01 min
Lab File: BF087772.D
Acq: 7 Jun 2016 3:26

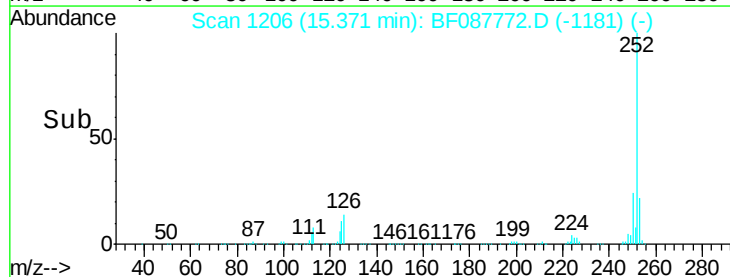
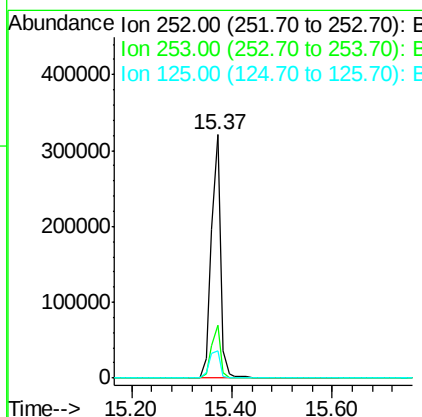
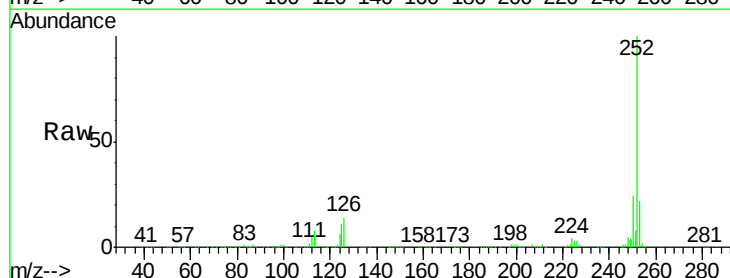
Instrument :
BNA_F
ClientSampleId :
HSR-WC-49-060116MSD

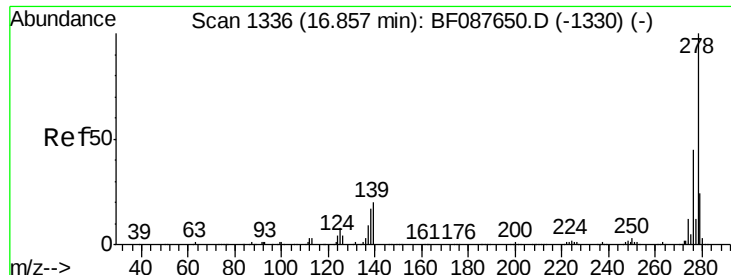
Tgt Ion:252 Resp: 880131
Ion Ratio Lower Upper
252 100
253 22.0 18.0 27.0
125 9.6 11.2 16.8#



#89
Benzo(a)pyrene
Concen: 52.56 ng
RT: 15.37 min Scan# 1206
Delta R.T. -0.01 min
Lab File: BF087772.D
Acq: 7 Jun 2016 3:26

Tgt Ion:252 Resp: 411429
Ion Ratio Lower Upper
252 100
253 21.7 17.9 26.9
125 11.2 12.5 18.7#





#90

Dibenzo(a,h)anthracene

Concen: 52.99 ng

RT: 16.83 min Scan# 1334

Delta R.T. -0.02 min

Lab File: BF087772.D

Acq: 7 Jun 2016 3:26

Instrument :

BNA_F

ClientSampleId :

HSR-WC-49-060116MSD

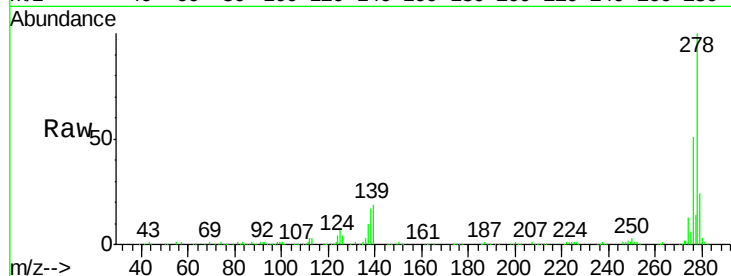
Tgt Ion: 278 Resp: 352994

Ion Ratio Lower Upper

278 100

139 19.0 15.7 23.5

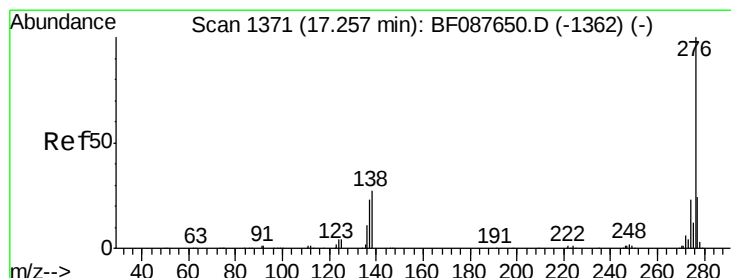
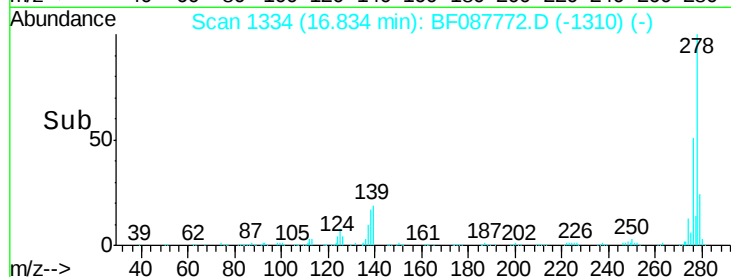
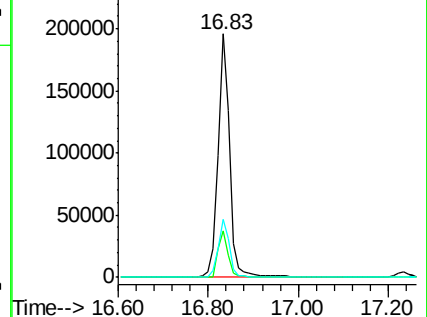
279 23.9 19.4 29.2



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: 49.51 ng

RT: 17.23 min Scan# 1369

Delta R.T. -0.02 min

Lab File: BF087772.D

Acq: 7 Jun 2016 3:26

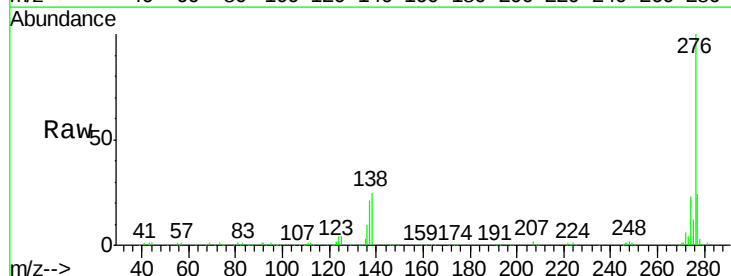
Tgt Ion: 276 Resp: 332798

Ion Ratio Lower Upper

276 100

277 24.1 18.9 28.3

138 24.9 21.4 32.2



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

