

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF060616\
 Data File : BF087771.D
 Acq On : 7 Jun 2016 2:56
 Operator : UM/SJ
 Sample : H3372-01MSD
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

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

Quant Time: Jun 07 06:48:33 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	96797	20.00	ng	-0.01
21) Naphthalene-d8	8.14	136	340350	20.00	ng	-0.01
38) Acenaphthene-d10	9.90	164	141871	20.00	ng	-0.01
63) Phenanthrene-d10	11.37	188	241366	20.00	ng	-0.01
75) Chrysene-d12	14.00	240	159130	20.00	ng	-0.02
86) Perylene-d12	15.43	264	131474	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	683163	114.07	ng	0.01
7) Phenol-d6	6.49	99	789727	105.15	ng	0.00
23) Nitrobenzene-d5	7.42	82	572062	97.25	ng	-0.01
41) 2,4,6-Tribromophenol	10.68	330	197386	138.60	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	1047984	156.28	ng	-0.01
78) Terphenyl-d14	12.96	244	775481	118.91	ng	-0.01

Target Compounds						Qvalue
2) 1,4-Dioxane	2.62	88	98319	33.96	ng	# 87
3) Pyridine	3.31	79	142117	18.58	ng	97
4) n-Nitrosodimethylamine	3.23	42	129958	40.23	ng	95
6) Aniline	6.51	93	101739	9.56	ng	# 57
8) 2-Chlorophenol	6.64	128	294399	42.72	ng	95
9) Benzaldehyde	6.40	77	18084	3.56	ng	99
10) Phenol	6.50	94	247371	28.92	ng	86
11) bis(2-Chloroethyl)ether	6.59	93	284449	45.78	ng	92
12) 1,3-Dichlorobenzene	6.87	146	329961	44.72	ng	98
13) 1,4-Dichlorobenzene	6.87	146	329961	44.57	ng	97
14) 1,2-Dichlorobenzene	7.03	146	315017	45.39	ng	97
15) Benzyl Alcohol	6.99	79	123229	22.21	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.14	45	389586	42.99	ng	92
17) 2-Methylphenol	7.12	107	235491	42.56	ng	96
18) Hexachloroethane	7.37	117	97253	37.56	ng	98
19) n-Nitroso-di-n-propylamine	7.28	70	208262	44.40	ng	# 85
20) 3+4-Methylphenols	7.27	107	263756	38.91	ng	# 79
22) Acetophenone	7.27	105	378617	49.11	ng	# 90
24) Nitrobenzene	7.44	77	305183	51.84	ng	91
25) Isophorone	7.68	82	527114	49.22	ng	100
26) 2-Nitrophenol	7.76	139	130726	47.79	ng	# 73
27) 2,4-Dimethylphenol	7.79	122	248500	43.83	ng	93
28) bis(2-Chloroethoxy)methane	7.90	93	309152	45.51	ng	99
29) 2,4-Dichlorophenol	8.00	162	239604	51.46	ng	97
30) 1,2,4-Trichlorobenzene	8.08	180	345427	70.84	ng	98
31) Naphthalene	8.16	128	796698	48.14	ng	100
32) Benzoic acid	7.91	122	143169	41.86	ng	93
33) 4-Chloroaniline	8.22	127	67144	9.34	ng	# 94
34) Hexachlorobutadiene	8.28	225	135966	53.63	ng	99
35) Caprolactam	8.58	113	59636	38.99	ng	# 69
36) 4-Chloro-3-methylphenol	8.70	107	226363	47.00	ng	97
37) 2-Methylnaphthalene	8.86	142	545176	49.89	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.02	216	212104	54.25	ng	# 1
40) Hexachlorocyclopentadiene	9.00	237	56898	24.74	ng	96

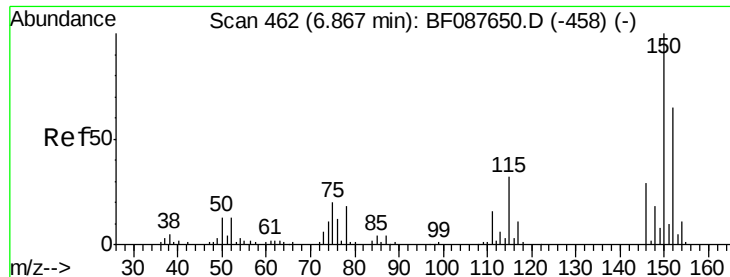
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.13	196	156512	53.00	ng	99
43) 2,4,5-Trichlorophenol	9.18	196	141409	51.46	ng	# 94
45) 1,1'-Biphenyl	9.31	154	574012	49.85	ng	99
46) 2-Chloronaphthalene	9.34	162	453195	49.45	ng	100
47) 2-Nitroaniline	9.44	65	138603	53.71	ng	# 56
48) Acenaphthylene	9.76	152	726864	50.85	ng	98
49) Dimethylphthalate	9.62	163	602111	58.38	ng	99
50) 2,6-Dinitrotoluene	9.68	165	118760	50.61	ng	90
51) Acenaphthene	9.93	154	438119	47.64	ng	100
52) 3-Nitroaniline	9.84	138	64190	23.92	ng	97
53) 2,4-Dinitrophenol	9.94	184	22006	23.54	ng	98
54) Dibenzofuran	10.10	168	632228	50.49	ng	99
55) 4-Nitrophenol	10.00	139	147654	64.36	ng	97
56) 2,4-Dinitrotoluene	10.08	165	141324	47.29	ng	93
57) Fluorene	10.43	166	440386	45.00	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.22	232	113633	48.00	ng	# 54
59) Diethylphthalate	10.32	149	582134	56.20	ng	98
60) 4-Chlorophenyl-phenylether	10.43	204	214197	Below	Cal	96
61) 4-Nitroaniline	10.46	138	100436	38.92	ng	90
62) Azobenzene	10.59	77	454463	43.59	ng	94
64) 4,6-Dinitro-2-methylphenol	10.48	198	19184	15.71	ng	89
65) n-Nitrosodiphenylamine	10.55	169	239546	30.30	ng	99
66) 4-Bromophenyl-phenylether	10.92	248	137848	57.60	ng	94
67) Hexachlorobenzene	10.98	284	132504	49.51	ng	99
68) Atrazine	11.07	200	14948	6.38	ng	96
69) Pentachlorophenol	11.18	266	131951	82.97	ng	98
70) Phenanthrene	11.39	178	592430	45.27	ng	99
71) Anthracene	11.45	178	676440	51.58	ng	99
72) Carbazole	11.60	167	427017	34.40	ng	99
73) Di-n-butylphthalate	11.94	149	810159	60.88	ng	99
74) Fluoranthene	12.58	202	649113	50.40	ng	98
77) Pyrene	12.81	202	663127	58.52	ng	99
79) Butylbenzylphthalate	13.43	149	301677	62.56	ng	# 78
80) Benzo(a)anthracene	13.99	228	492687	53.65	ng	100
81) 3,3'-Dichlorobenzidine	13.95	252	8280	3.20	ng	# 96
82) Chrysene	14.03	228	536654	58.71	ng	97
83) Bis(2-ethylhexyl)phthalate	14.00	149	395908	68.99	ng	# 95
84) Di-n-octyl phthalate	14.61	149	707303	66.29	ng	# 100
85) Indeno(1,2,3-cd)pyrene	16.81	276	404568	53.54	ng	# 100
87) Benzo(b)fluoranthene	15.05	252	853438	99.79	ng	98
88) Benzo(k)fluoranthene	15.05	252	853872	120.00	ng	# 96
89) Benzo(a)pyrene	15.37	252	384354	53.46	ng	# 96
90) Dibenzo(a,h)anthracene	16.83	278	350040	57.21	ng	99
91) Benzo(g,h,i)perylene	17.23	276	326857	52.95	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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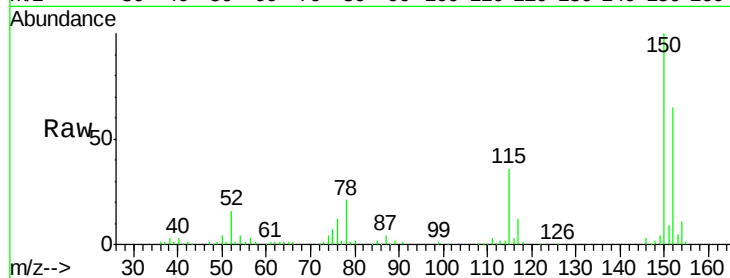
Tgt Ion:152 Resp: 96797

Ion Ratio Lower Upper

152 100

150 153.4 123.8 185.6

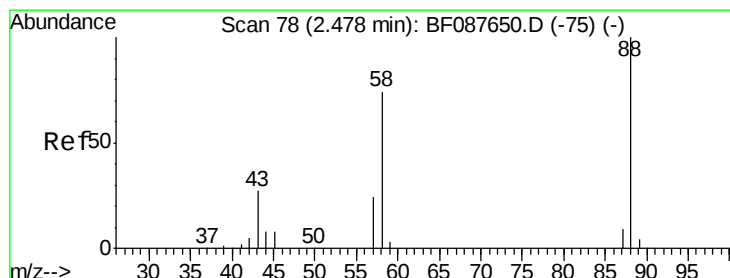
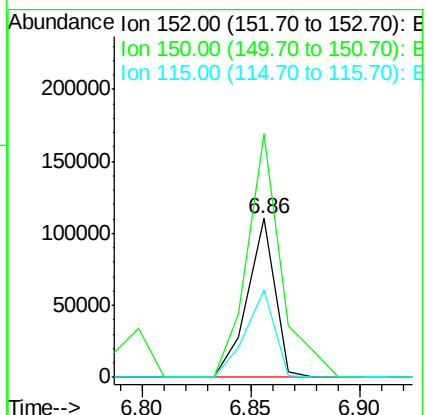
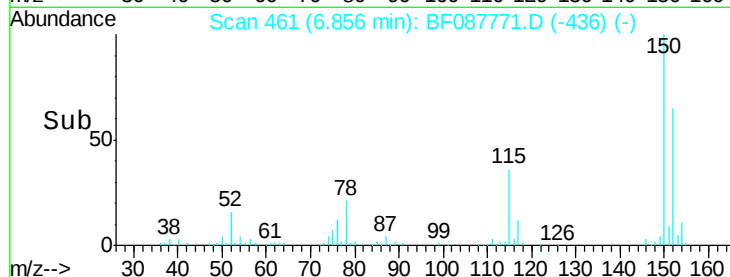
115 55.3 39.6 59.4



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: 33.96 ng

RT: 2.62 min Scan# 90

Delta R.T. 0.14 min

Lab File: BF087771.D

Acq: 7 Jun 2016 2:56

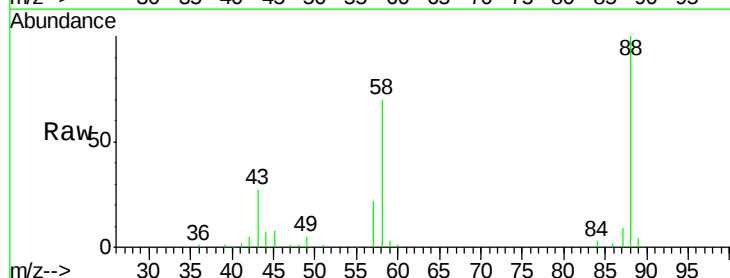
Tgt Ion: 88 Resp: 98319

Ion Ratio Lower Upper

88 100

58 71.7 0.0 0.0#

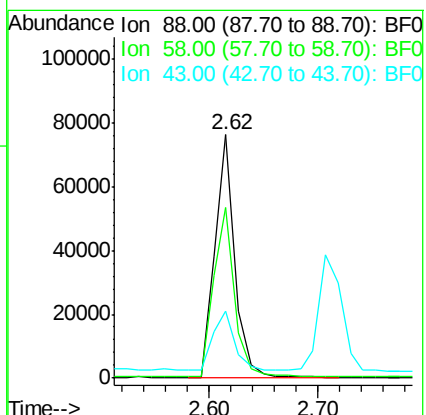
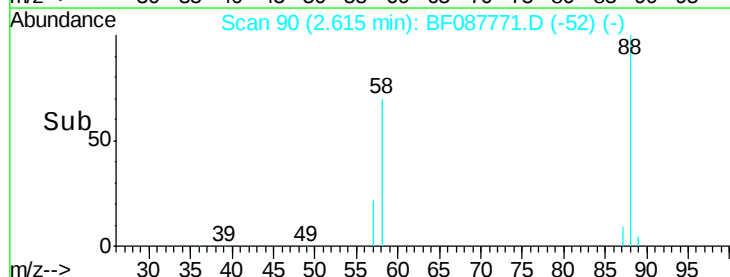
43 0.0 3.4 5.2#

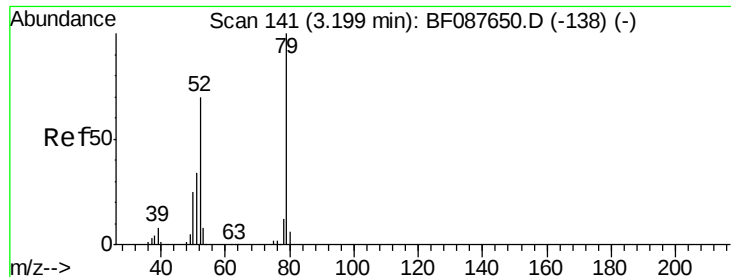


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0

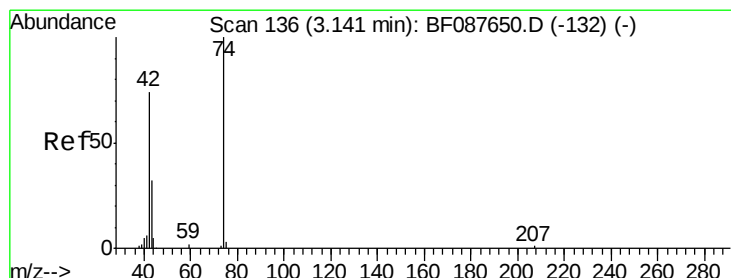
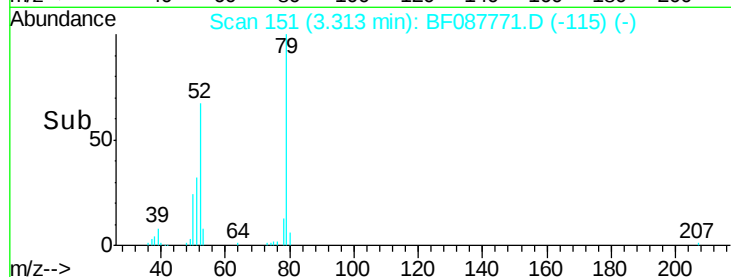
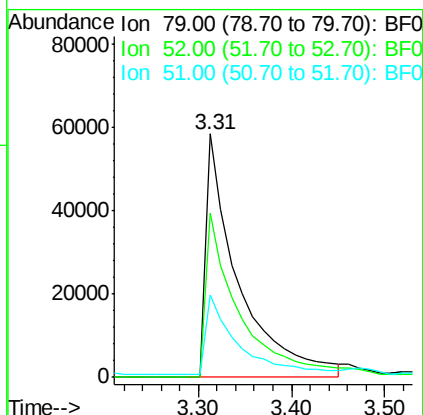
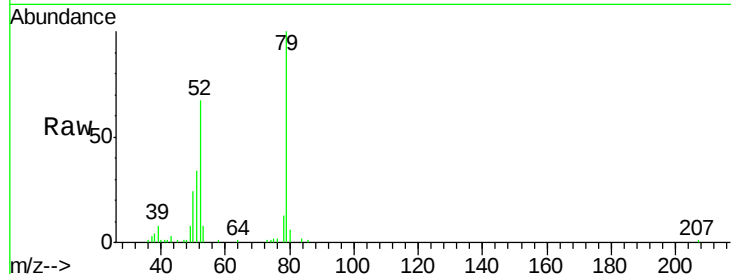




#3
 Pyridine
 Concen: 18.58 ng
 RT: 3.31 min Scan# 151
 Delta R.T. 0.11 min
 Lab File: BF087771.D
 Acq: 7 Jun 2016 2:56

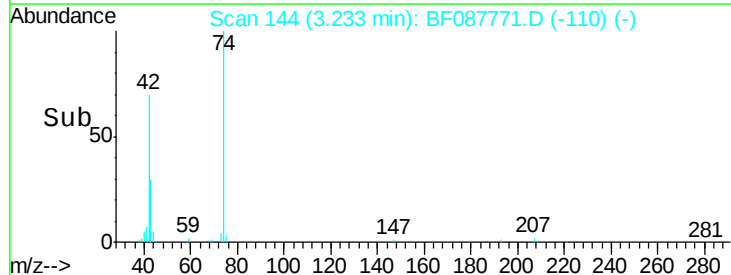
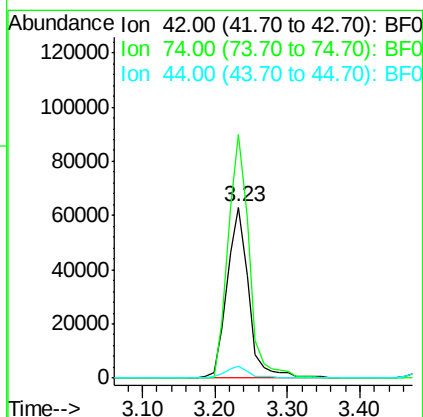
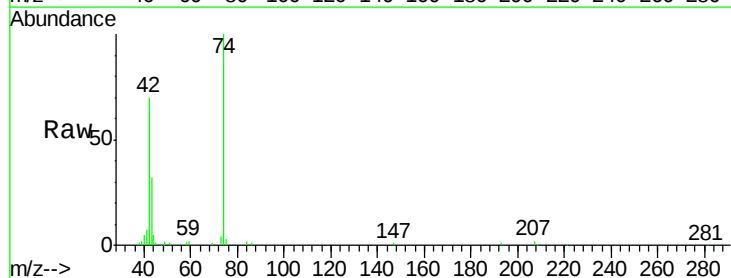
Instrument :
 BNA_F
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 HSR-WC-49-060116MS

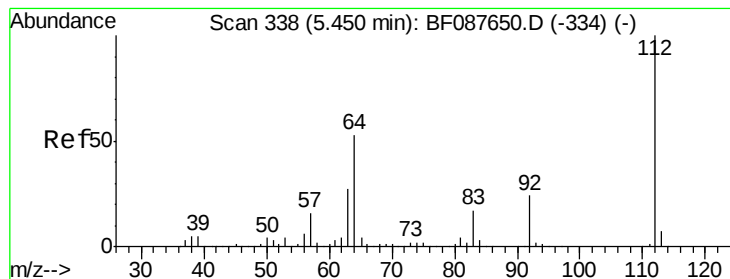
Tgt Ion: 79 Resp: 142117
 Ion Ratio Lower Upper
 79 100
 52 67.5 56.3 84.5
 51 33.6 27.4 41.2



#4
 n-Nitrosodimethylamine
 Concen: 40.23 ng
 RT: 3.23 min Scan# 144
 Delta R.T. 0.09 min
 Lab File: BF087771.D
 Acq: 7 Jun 2016 2:56

Tgt Ion: 42 Resp: 129958
 Ion Ratio Lower Upper
 42 100
 74 142.3 108.6 163.0
 44 7.2 5.5 8.3





#5

2-Fluorophenol

Concen: 114.07 ng

RT: 5.46 min Scan# 339

Delta R.T. 0.01 min

Lab File: BF087771.D

Acq: 7 Jun 2016 2:56

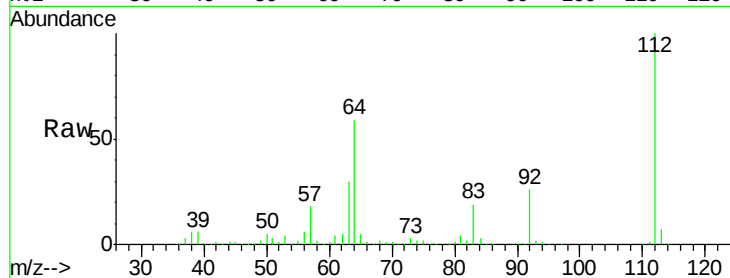
Instrument :

BNA_F

ClientSampleId :

HSR-WC-49-060116MS

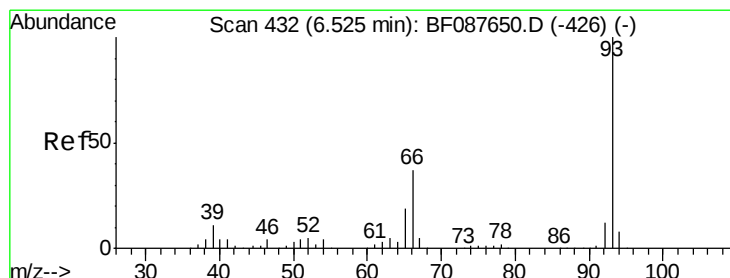
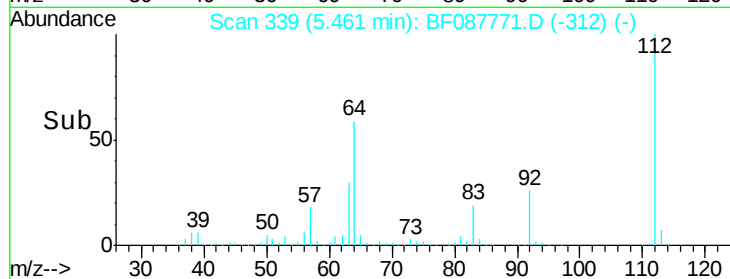
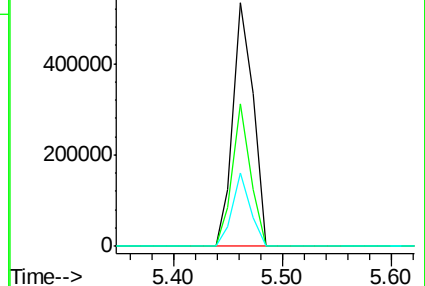
Tgt Ion:	112	Resp:	683163
Ion	Ratio	Lower	Upper
112	100		
64	58.6	42.2	63.2
63	30.4	21.8	32.8



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 9.56 ng

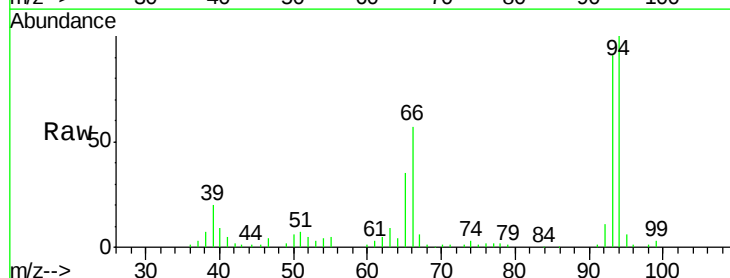
RT: 6.51 min Scan# 431

Delta R.T. -0.01 min

Lab File: BF087771.D

Acq: 7 Jun 2016 2:56

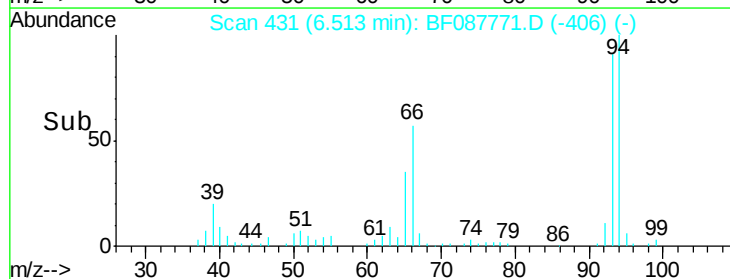
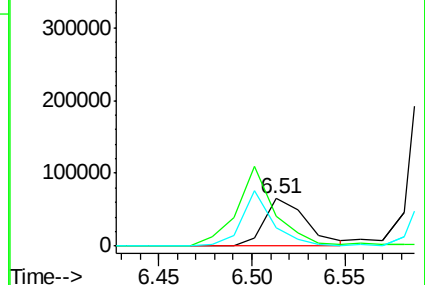
Tgt Ion:	93	Resp:	101739
Ion	Ratio	Lower	Upper
93	100		
66	62.4	29.8	44.8#
65	38.6	14.9	22.3#

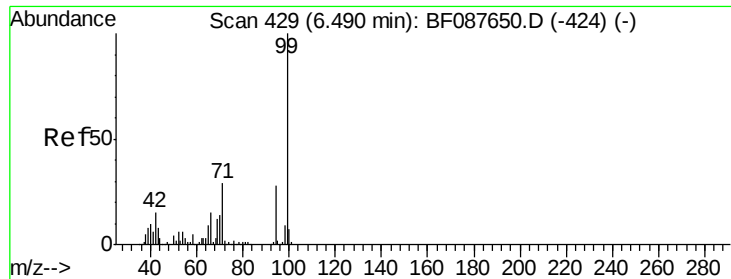


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 105.15 ng

RT: 6.49 min Scan# 429

Delta R.T. -0.00 min

Lab File: BF087771.D

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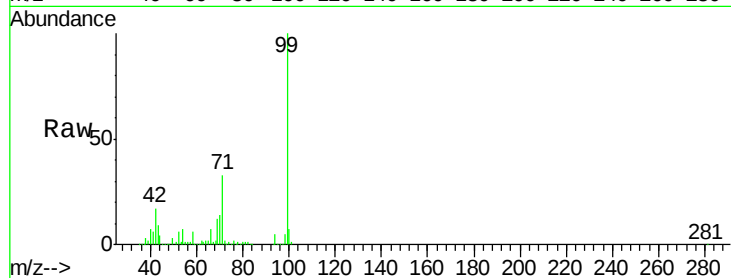
Tgt Ion: 99 Resp: 789727

Ion Ratio Lower Upper

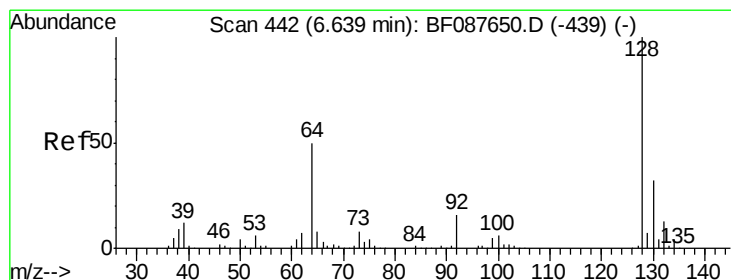
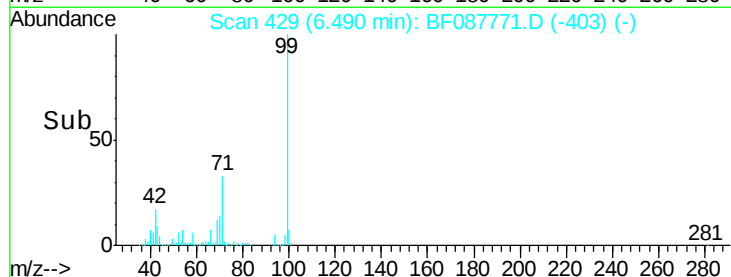
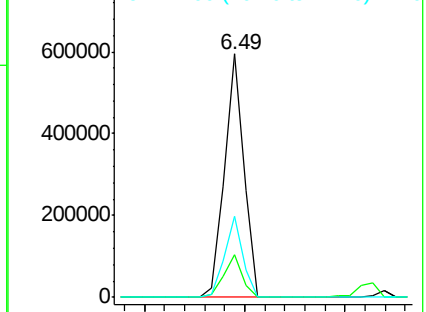
99 100

42 17.5 12.2 18.2

71 33.2 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: 42.72 ng

RT: 6.64 min Scan# 442

Delta R.T. -0.00 min

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Acq: 7 Jun 2016 2:56

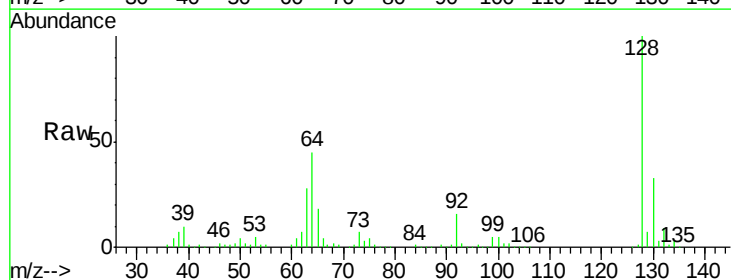
Tgt Ion: 128 Resp: 294399

Ion Ratio Lower Upper

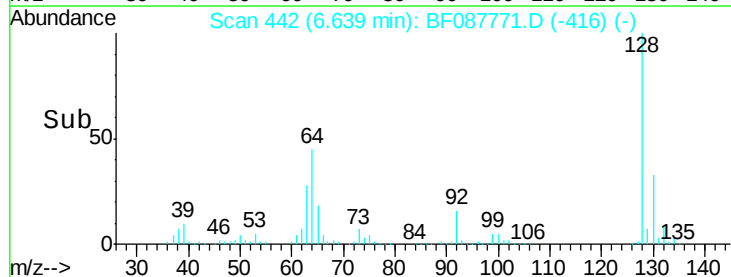
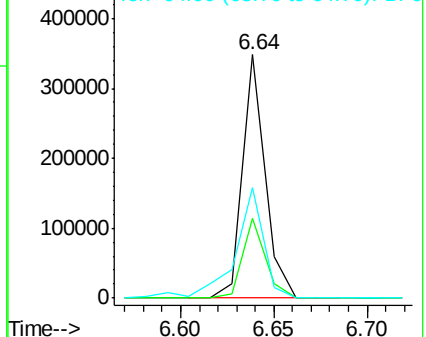
128 100

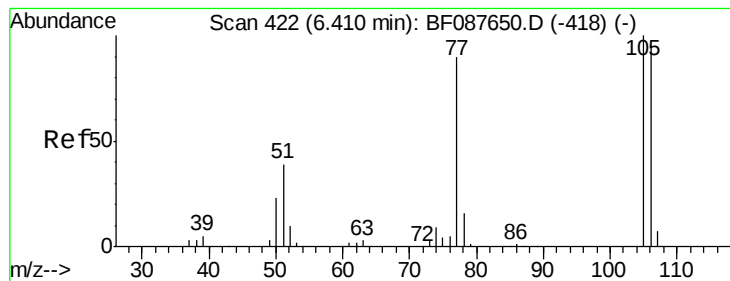
130 32.8 12.0 52.0

64 45.3 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





#9

Benzaldehyde

Concen: 3.56 ng

RT: 6.40 min Scan# 421

Delta R.T. -0.01 min

Lab File: BF087771.D

Acq: 7 Jun 2016 2:56

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HSR-WC-49-060116MS

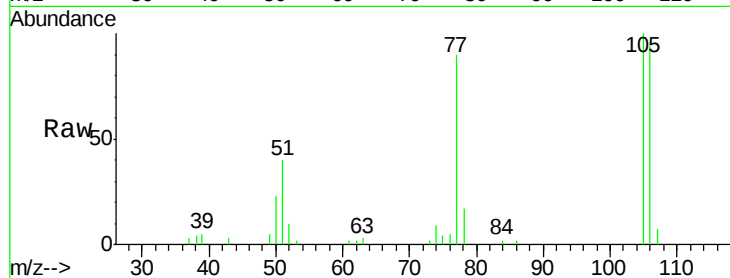
Tgt Ion: 77 Resp: 18084

Ion Ratio Lower Upper

77 100

105 110.7 90.6 130.6

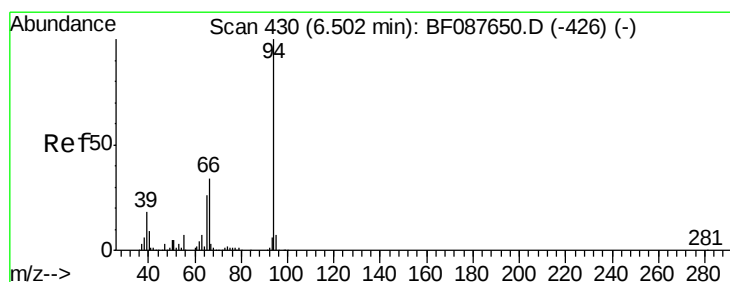
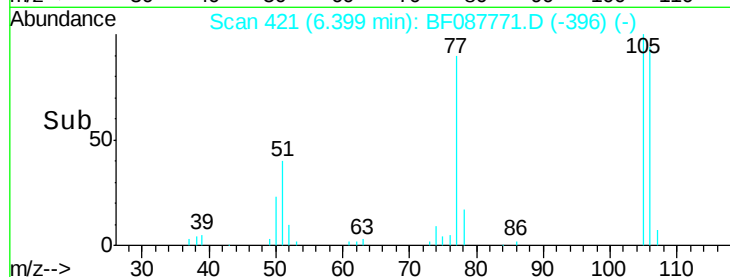
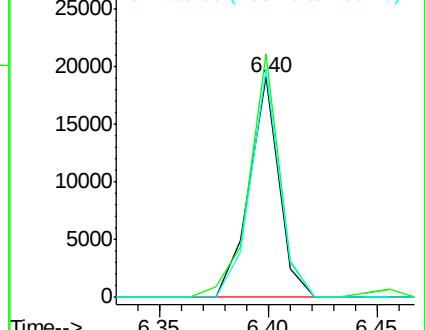
106 103.8 85.3 125.3



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E



#10

Phenol

Concen: 28.92 ng

RT: 6.50 min Scan# 430

Delta R.T. -0.00 min

Lab File: BF087771.D

Acq: 7 Jun 2016 2:56

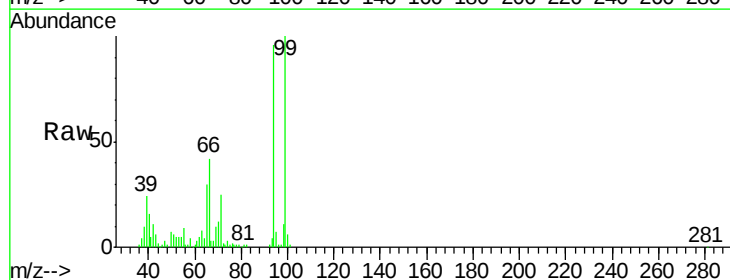
Tgt Ion: 94 Resp: 247371

Ion Ratio Lower Upper

94 100

65 30.9 5.9 45.9

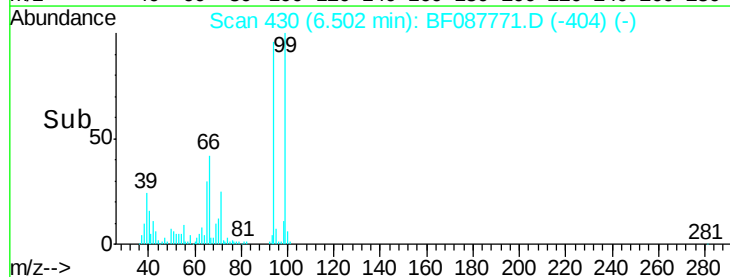
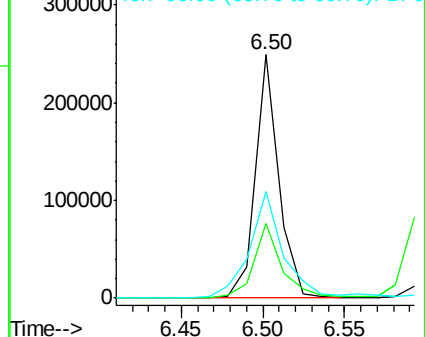
66 43.8 14.0 54.0

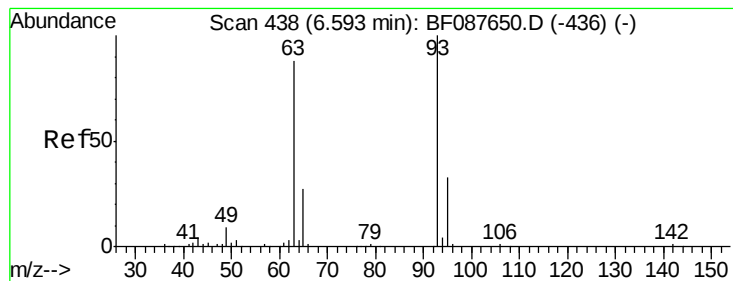


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

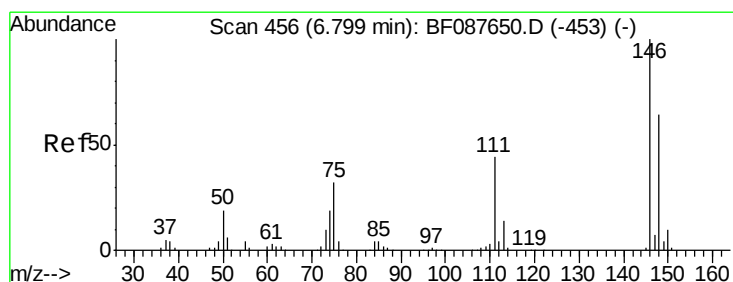
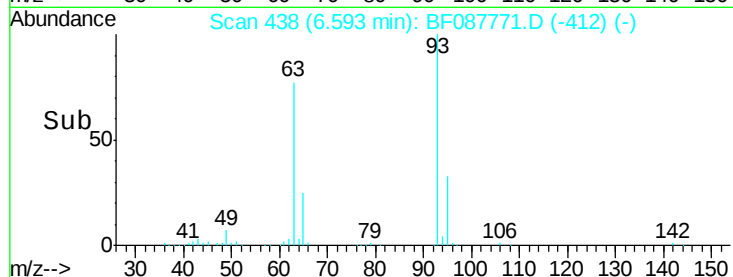
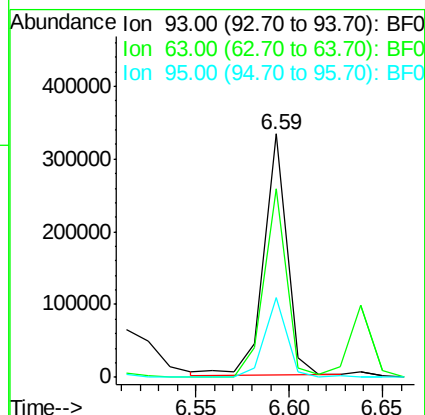
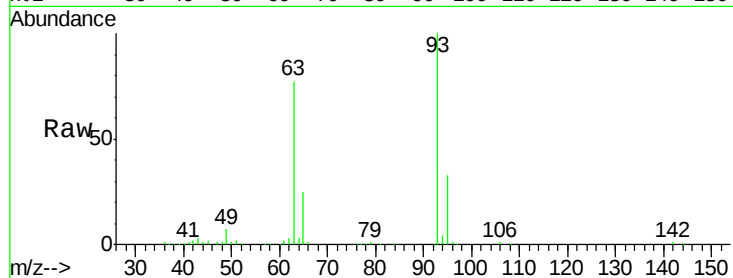




#11
bis(2-Chloroethyl)ether
Concen: 45.78 ng
RT: 6.59 min Scan# 438
Delta R.T. -0.00 min
Lab File: BF087771.D
Acq: 7 Jun 2016 2:56

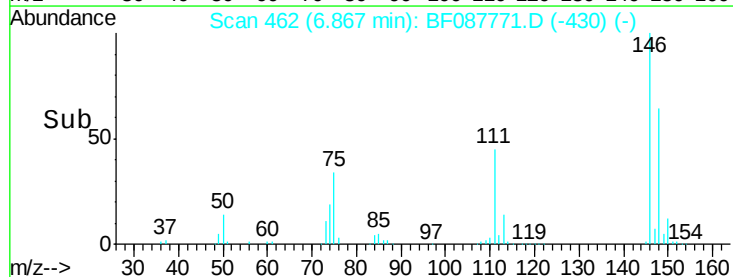
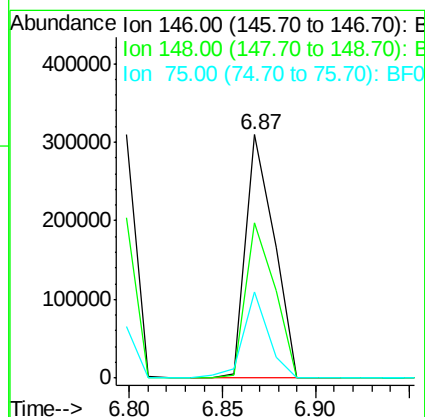
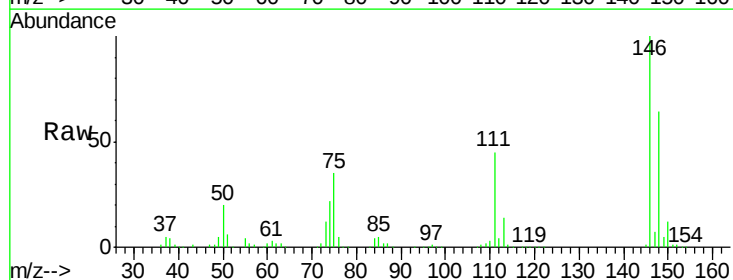
Instrument :
BNA_F
ClientSampleId :
HSR-WC-49-060116MS

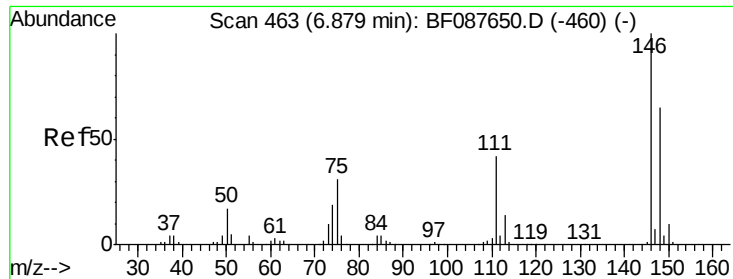
Tgt Ion: 93 Resp: 284449
Ion Ratio Lower Upper
93 100
63 77.3 67.6 107.6
95 32.6 12.5 52.5



#12
1,3-Dichlorobenzene
Concen: 44.72 ng
RT: 6.87 min Scan# 462
Delta R.T. 0.07 min
Lab File: BF087771.D
Acq: 7 Jun 2016 2:56

Tgt Ion: 146 Resp: 329961
Ion Ratio Lower Upper
146 100
148 63.7 50.9 76.3
75 35.3 25.6 38.4

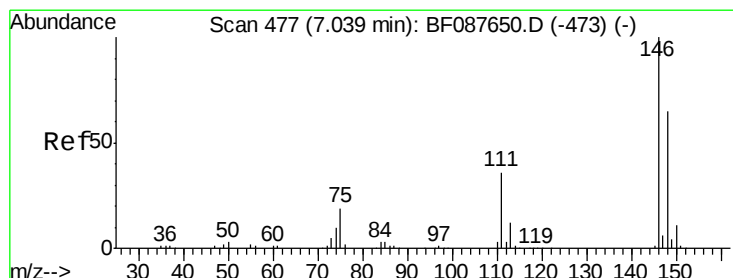
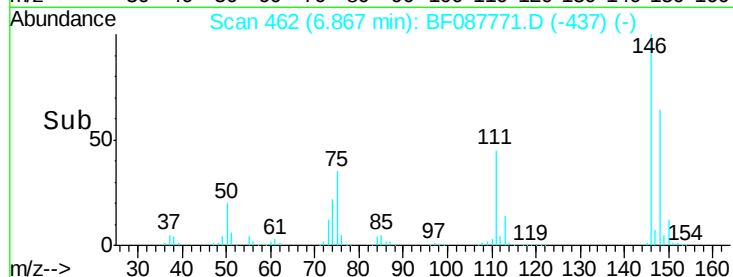
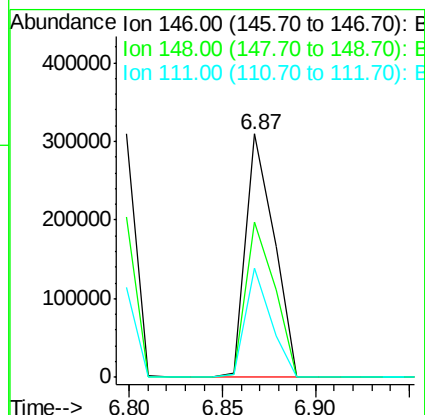
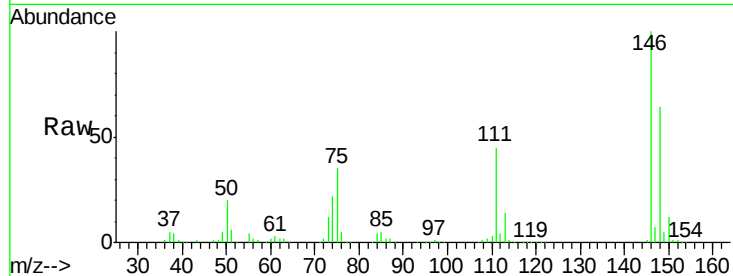




#13
 1,4-Dichlorobenzene
 Concen: 44.57 ng
 RT: 6.87 min Scan# 462
 Delta R.T. -0.01 min
 Lab File: BF087771.D
 Acq: 7 Jun 2016 2:56

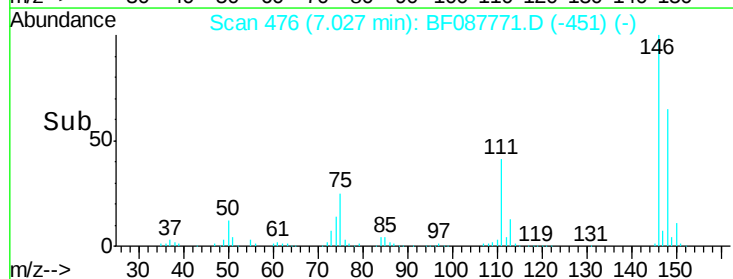
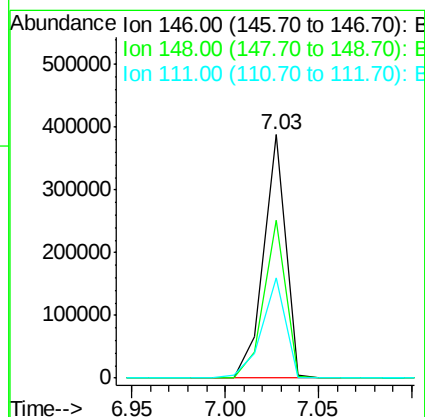
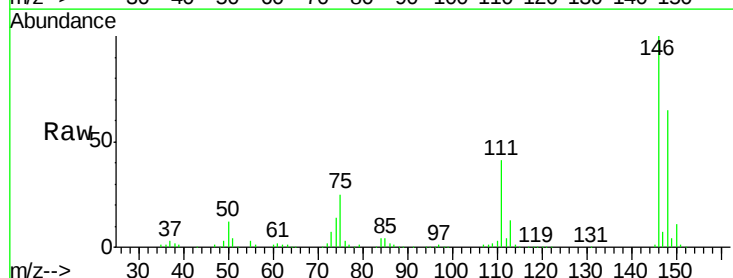
Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-49-060116MS

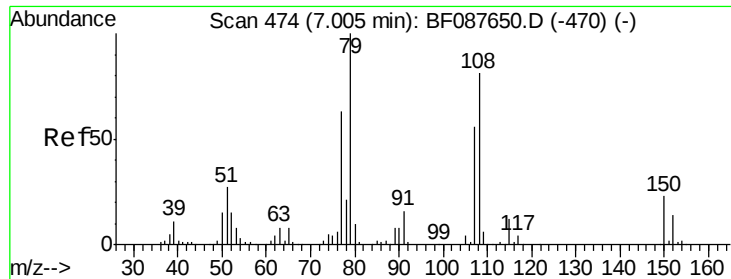
Tgt Ion:146 Resp: 329961
 Ion Ratio Lower Upper
 146 100
 148 63.7 52.0 78.0
 111 45.1 33.8 50.8



#14
 1,2-Dichlorobenzene
 Concen: 45.39 ng
 RT: 7.03 min Scan# 476
 Delta R.T. -0.01 min
 Lab File: BF087771.D
 Acq: 7 Jun 2016 2:56

Tgt Ion:146 Resp: 315017
 Ion Ratio Lower Upper
 146 100
 148 65.0 52.3 78.5
 111 41.0 28.7 43.1





#15

Benzyl Alcohol

Concen: 22.21 ng

RT: 6.99 min Scan# 473

Delta R.T. -0.01 min

Lab File: BF087771.D

Acq: 7 Jun 2016 2:56

Instrument :

BNA_F

ClientSampleId :

HSR-WC-49-060116MS

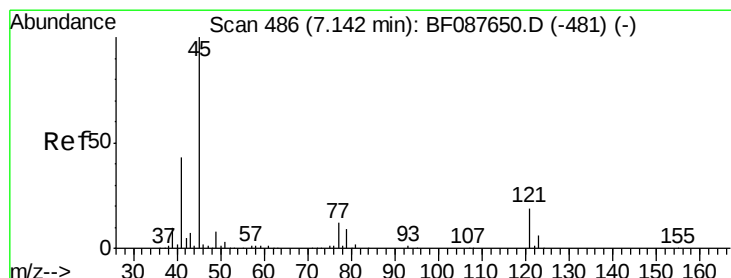
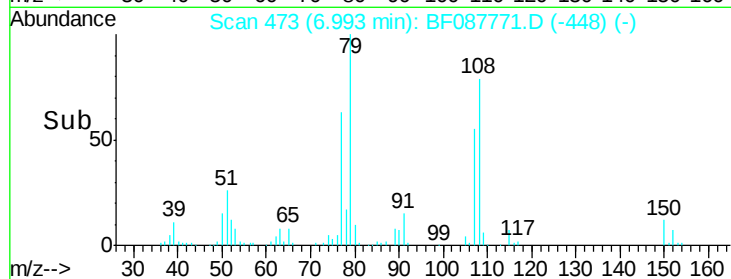
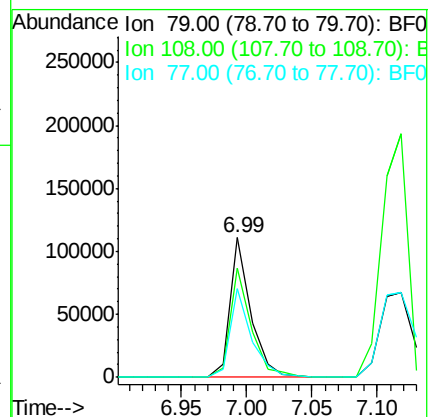
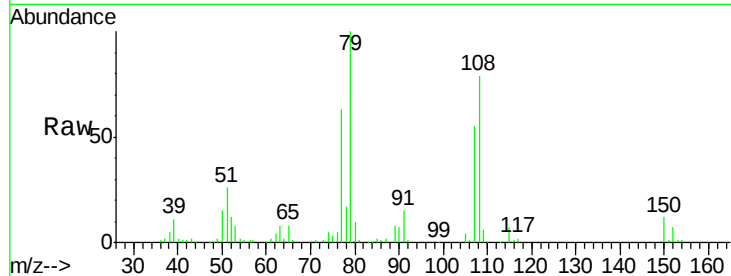
Tgt Ion: 79 Resp: 123229

Ion Ratio Lower Upper

79 100

108 78.5 65.0 97.6

77 63.4 50.3 75.5



#16

2,2'-oxybis(1-Chloropropane)

Concen: 42.99 ng

RT: 7.14 min Scan# 486

Delta R.T. -0.00 min

Lab File: BF087771.D

Acq: 7 Jun 2016 2:56

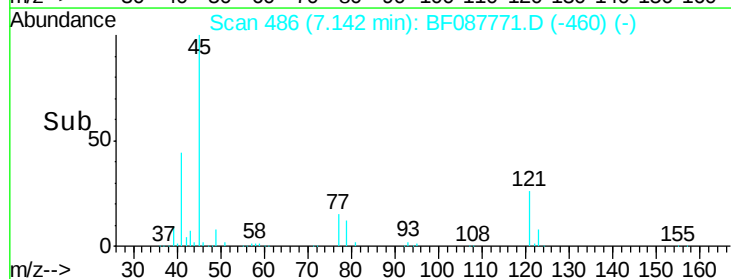
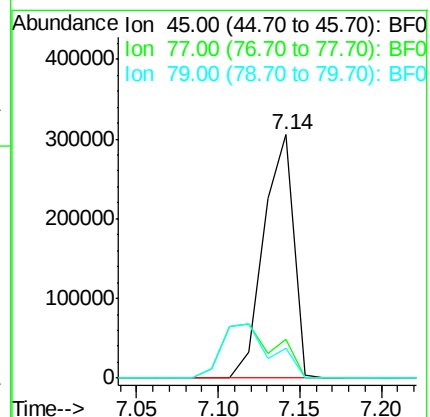
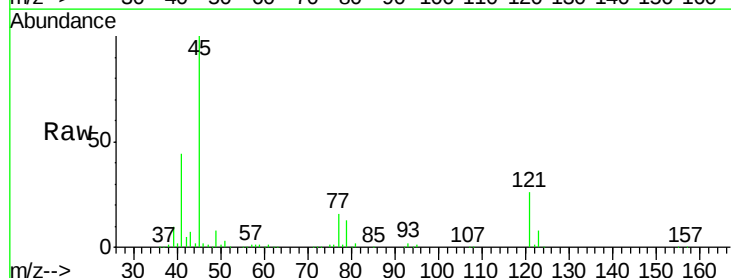
Tgt Ion: 45 Resp: 389586

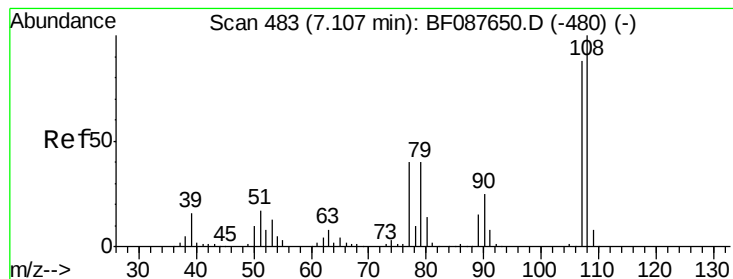
Ion Ratio Lower Upper

45 100

77 15.7 0.0 32.5

79 12.5 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: BF087771.D

Acq: 7 Jun 2016 2:56

Instrument :

BNA_F

ClientSampleId :

HSR-WC-49-060116MS

Tgt Ion:107 Resp: 235491

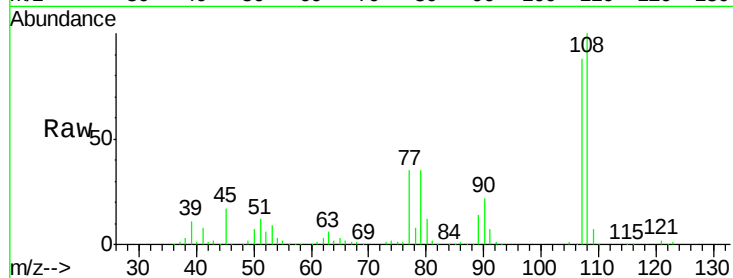
Ion Ratio Lower Upper

107 100

108 113.1 90.9 136.3

77 39.7 36.6 55.0

79 39.5 36.5 54.7

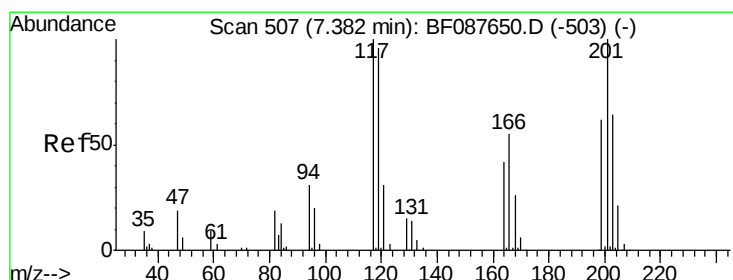
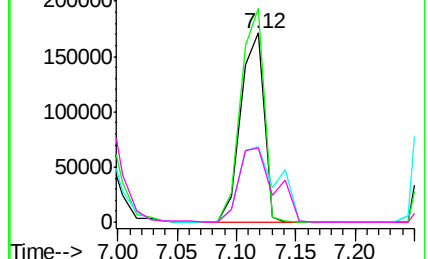
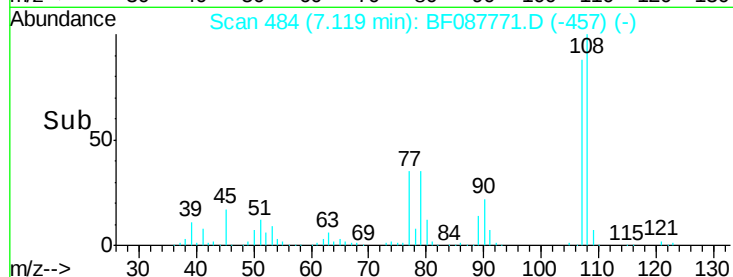


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 37.56 ng

RT: 7.37 min Scan# 506

Delta R.T. -0.01 min

Lab File: BF087771.D

Acq: 7 Jun 2016 2:56

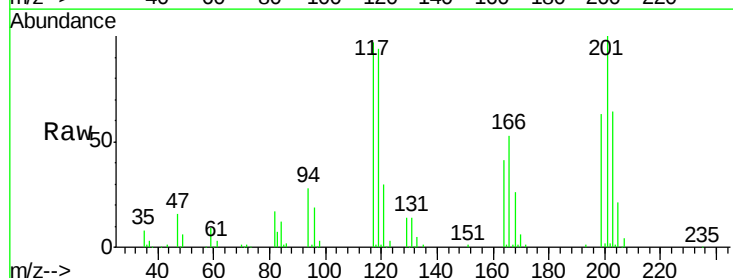
Tgt Ion:117 Resp: 97253

Ion Ratio Lower Upper

117 100

119 97.4 77.4 116.2

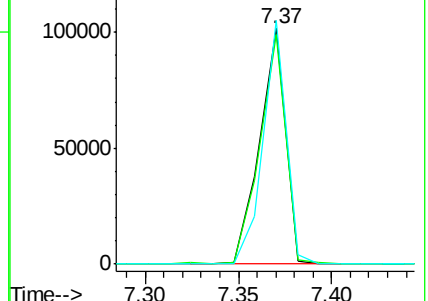
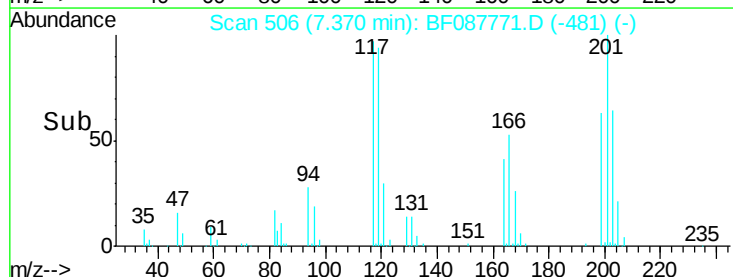
201 103.2 80.4 120.6

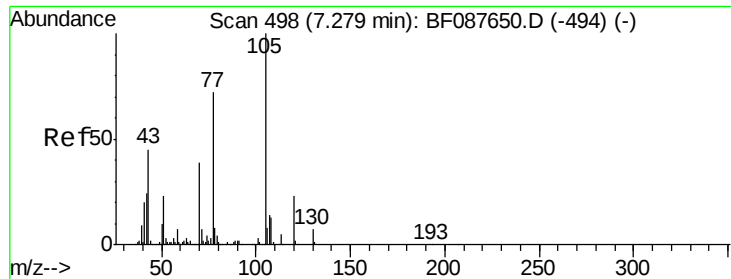


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

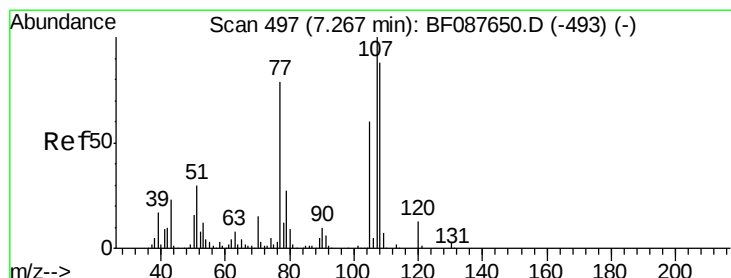
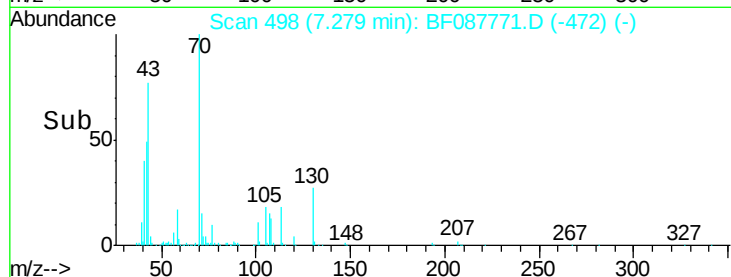
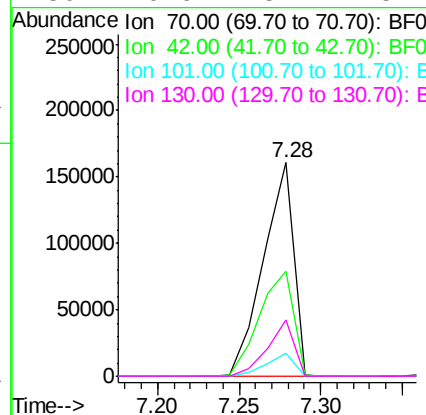
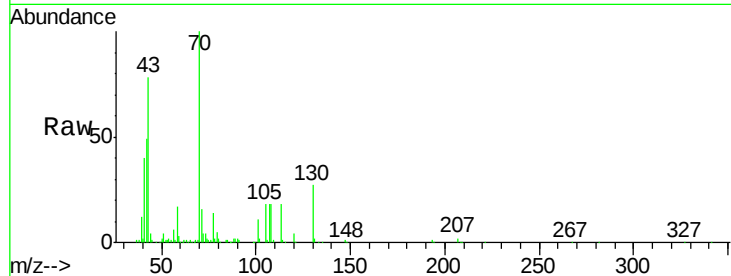




#19
n-Nitroso-di-n-propylamine
Concen: 44.40 ng
RT: 7.28 min Scan# 498
Delta R.T. -0.00 min
Lab File: BF087771.D
Acq: 7 Jun 2016 2:56

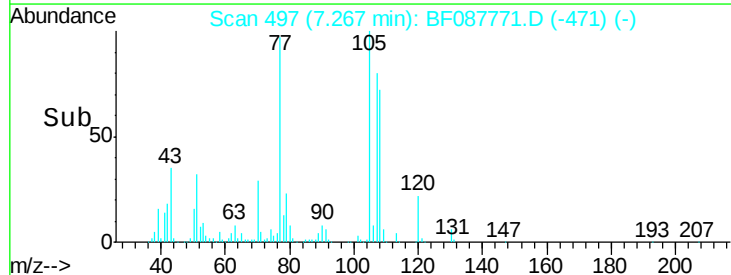
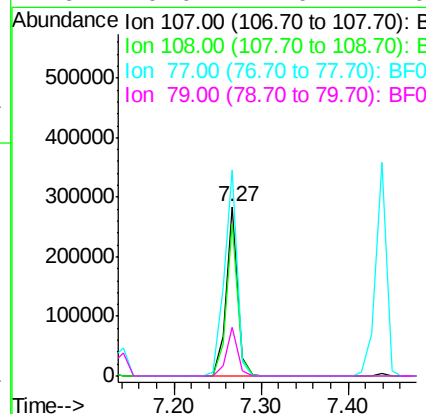
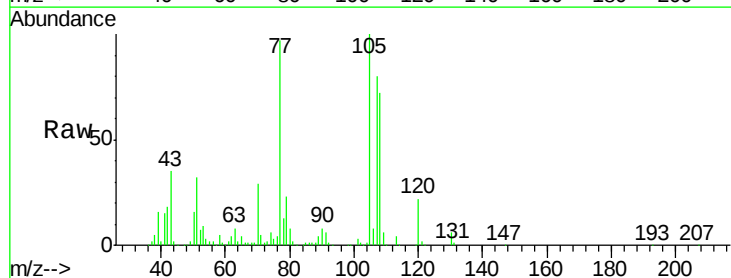
Instrument :
BNA_F
ClientSampleId :
HSR-WC-49-060116MS

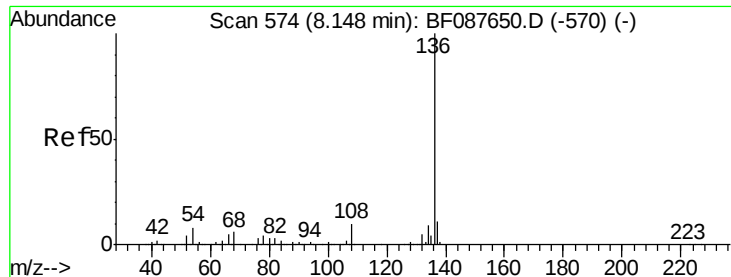
Tgt Ion:	70	Resp:	208262
Ion	Ratio	Lower	Upper
70	100		
42	49.3	49.6	74.4#
101	10.8	7.1	10.7#
130	26.6	15.4	23.2#



#20
3+4-Methylphenols
Concen: 38.91 ng
RT: 7.27 min Scan# 497
Delta R.T. -0.00 min
Lab File: BF087771.D
Acq: 7 Jun 2016 2:56

Tgt Ion:	107	Resp:	263756
Ion	Ratio	Lower	Upper
107	100		
108	90.1	67.8	107.8
77	121.6	59.3	99.3#
79	29.0	7.0	47.0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.14 min Scan# 573

Delta R.T. -0.01 min

Lab File: BF087771.D

Acq: 7 Jun 2016 2:56

Instrument :

BNA_F

ClientSampleId :

HSR-WC-49-060116MS

Tgt Ion:136 Resp: 340350

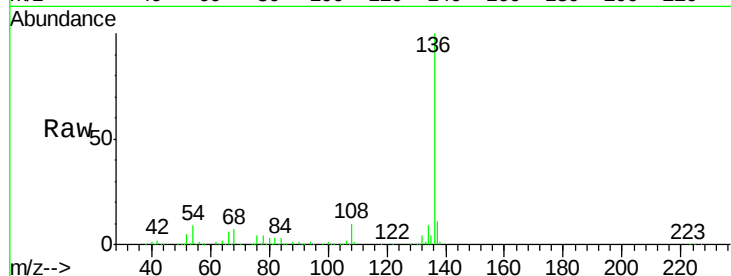
Ion Ratio Lower Upper

136 100

137 11.3 9.1 13.7

54 8.6 6.6 10.0

68 6.7 5.1 7.7

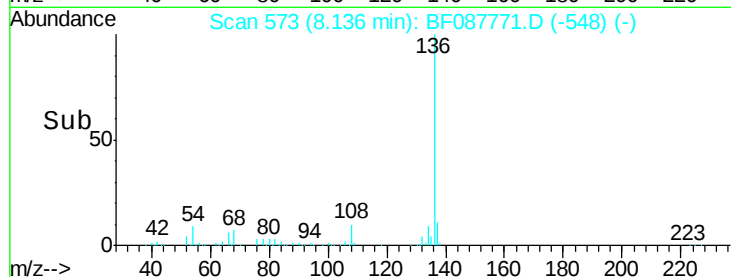


Abundance Ion 136.00 (135.70 to 136.70): E

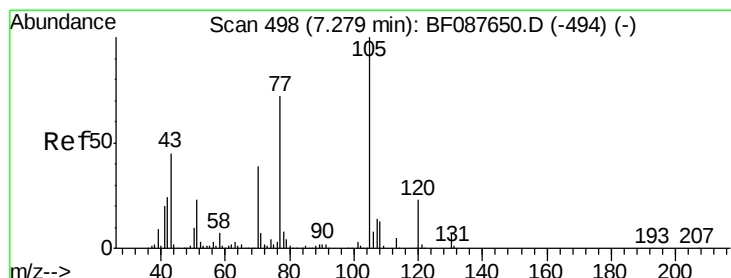
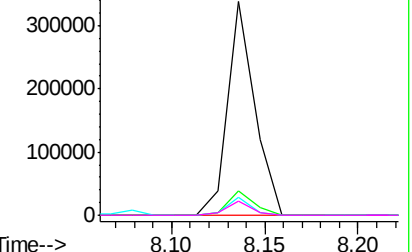
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->



#22

Acetophenone

Concen: 49.11 ng

RT: 7.27 min Scan# 497

Delta R.T. -0.01 min

Lab File: BF087771.D

Acq: 7 Jun 2016 2:56

Tgt Ion:105 Resp: 378617

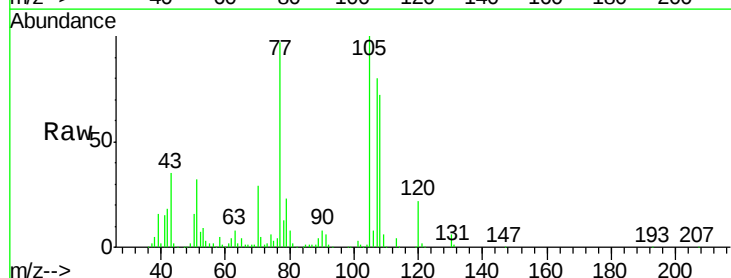
Ion Ratio Lower Upper

105 100

71 4.9 5.3 7.9#

51 32.4 18.2 27.4#

120 22.2 18.0 27.0

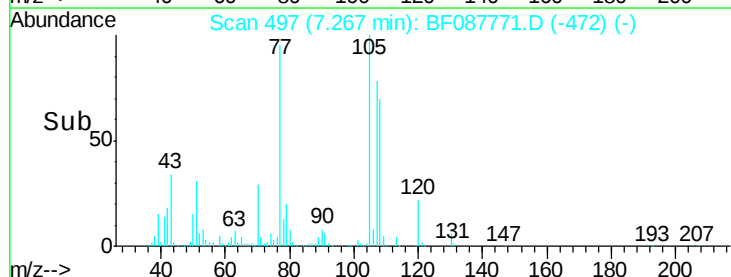


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

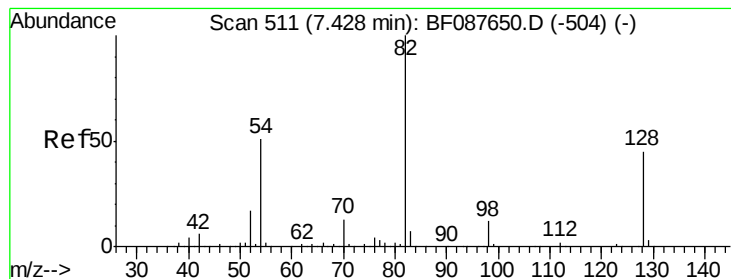
Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



Time-->





#23

Nitrobenzene-d5

Concen: 97.25 ng

RT: 7.42 min Scan# 510

Delta R.T. -0.01 min

Lab File: BF087771.D

Acq: 7 Jun 2016 2:56

Instrument :

BNA_F

ClientSampleId :

HSR-WC-49-060116MS

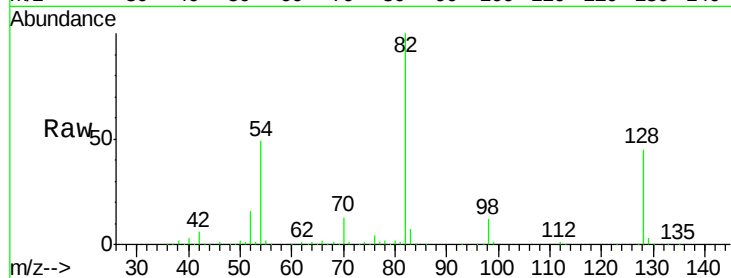
Tgt Ion: 82 Resp: 572062

Ion Ratio Lower Upper

82 100

128 45.0 35.9 53.9

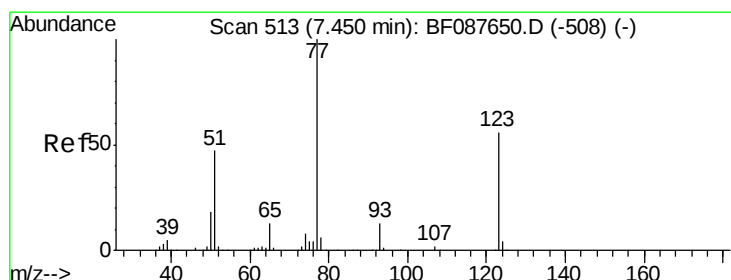
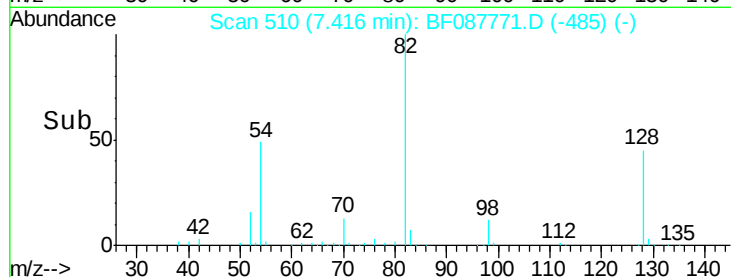
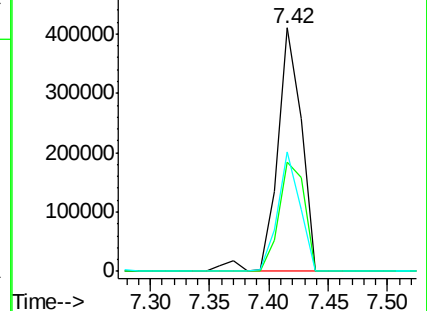
54 49.2 40.9 61.3



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#24

Nitrobenzene

Concen: 51.84 ng

RT: 7.44 min Scan# 512

Delta R.T. -0.01 min

Lab File: BF087771.D

Acq: 7 Jun 2016 2:56

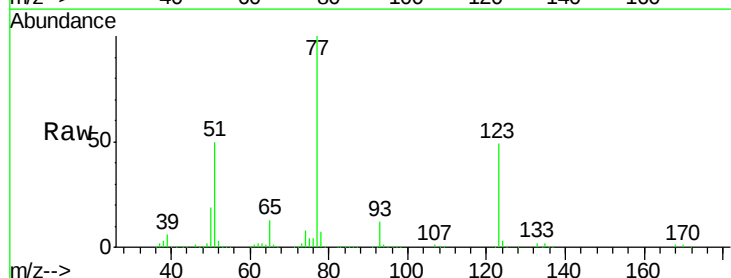
Tgt Ion: 77 Resp: 305183

Ion Ratio Lower Upper

77 100

123 48.8 45.0 67.4

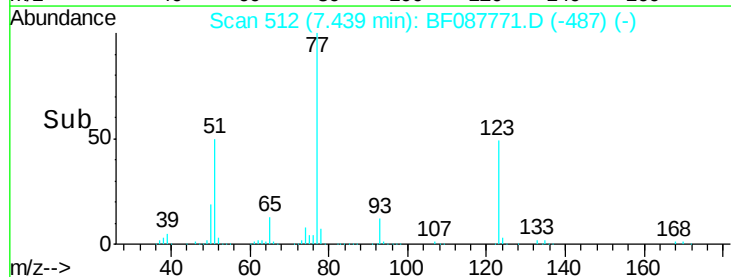
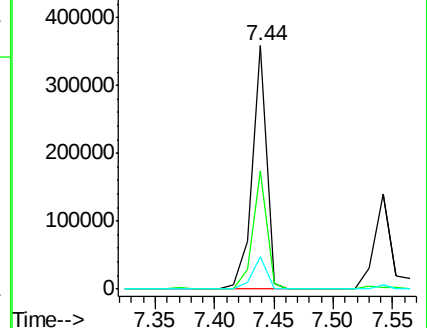
65 13.3 10.2 15.2

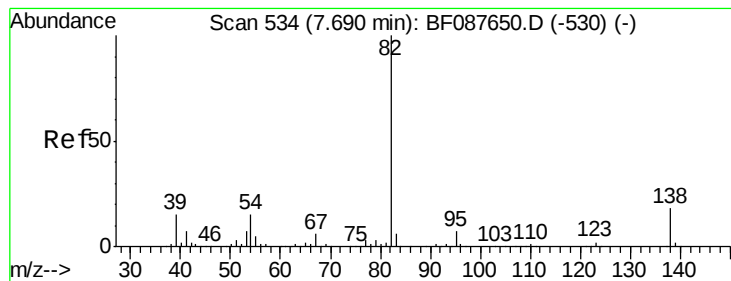


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 49.22 ng

RT: 7.68 min Scan# 533

Delta R.T. -0.01 min

Lab File: BF087771.D

Acq: 7 Jun 2016 2:56

Instrument :

BNA_F

ClientSampleId :

HSR-WC-49-060116MS

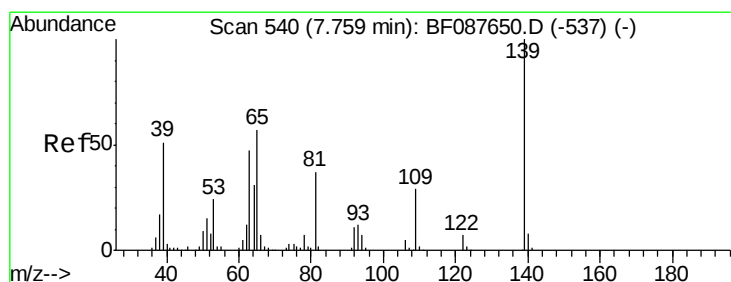
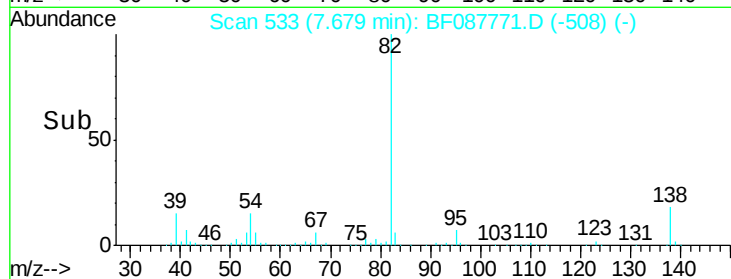
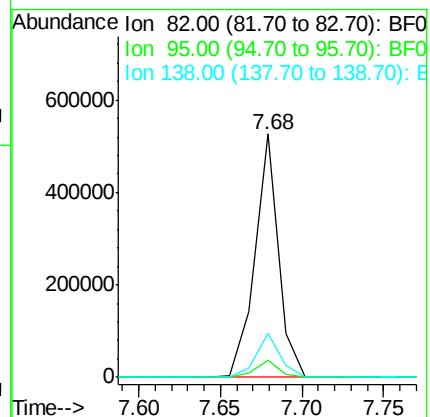
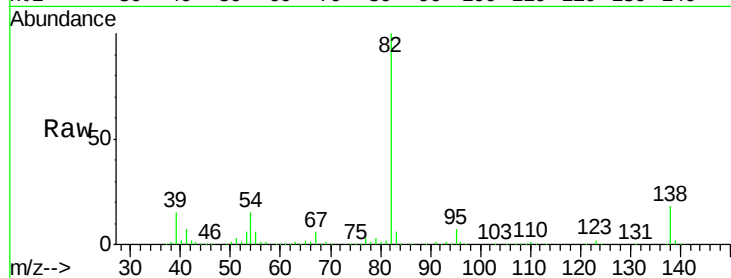
Tgt Ion: 82 Resp: 527114

Ion Ratio Lower Upper

82 100

95 6.9 5.4 8.2

138 18.2 14.6 21.8



#26

2-Nitrophenol

Concen: 47.79 ng

RT: 7.76 min Scan# 540

Delta R.T. -0.00 min

Lab File: BF087771.D

Acq: 7 Jun 2016 2:56

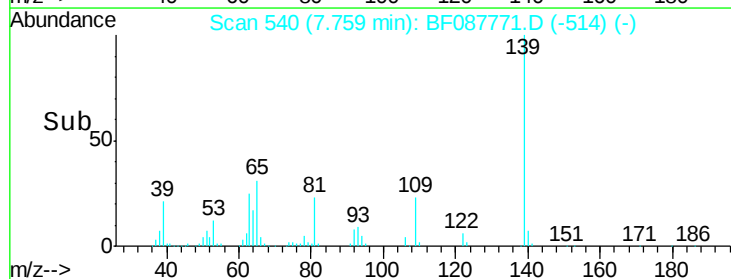
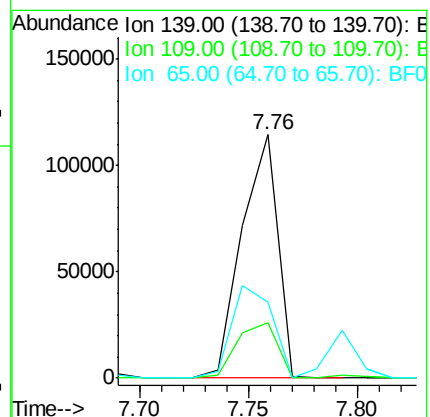
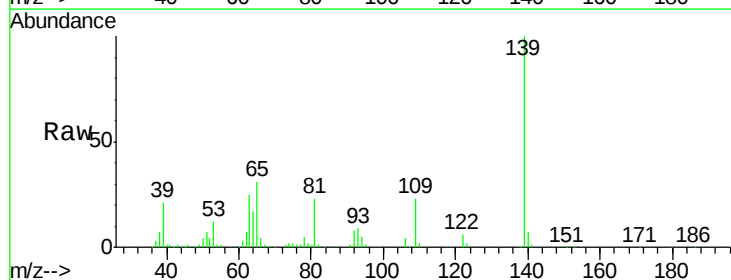
Tgt Ion: 139 Resp: 130726

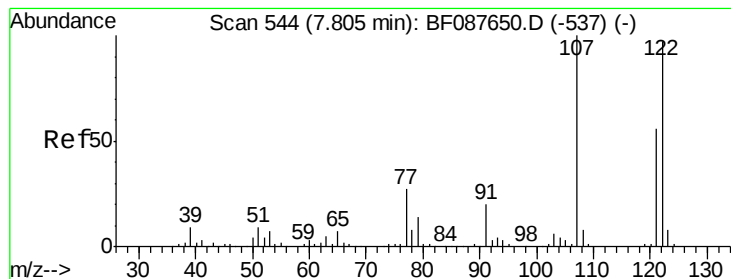
Ion Ratio Lower Upper

139 100

109 22.8 23.0 34.4#

65 31.2 45.8 68.8#





#27

2,4-Dimethylphenol

Concen: 43.83 ng

RT: 7.79 min Scan# 543

Delta R.T. -0.01 min

Lab File: BF087771.D

Acq: 7 Jun 2016 2:56

Instrument :

BNA_F

ClientSampleId :

HSR-WC-49-060116MS

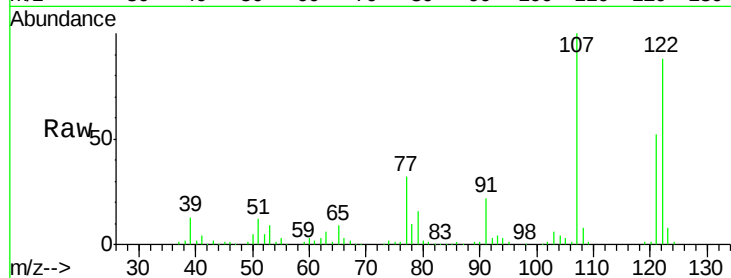
Tgt Ion:122 Resp: 248500

Ion Ratio Lower Upper

122 100

107 113.0 82.4 123.6

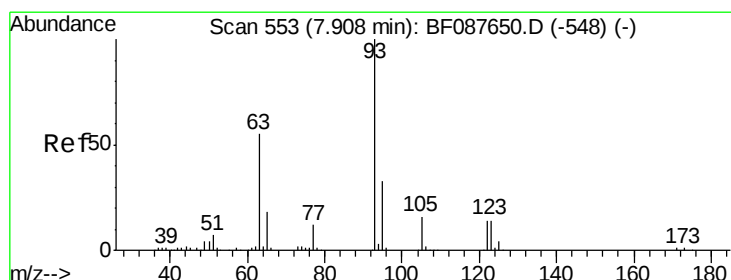
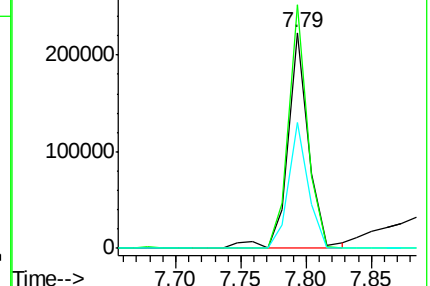
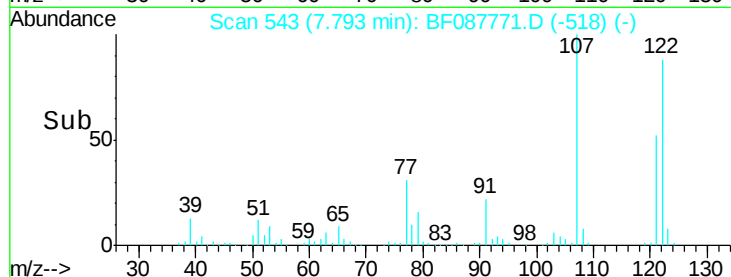
121 58.4 46.3 69.5



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 45.51 ng

RT: 7.90 min Scan# 552

Delta R.T. -0.01 min

Lab File: BF087771.D

Acq: 7 Jun 2016 2:56

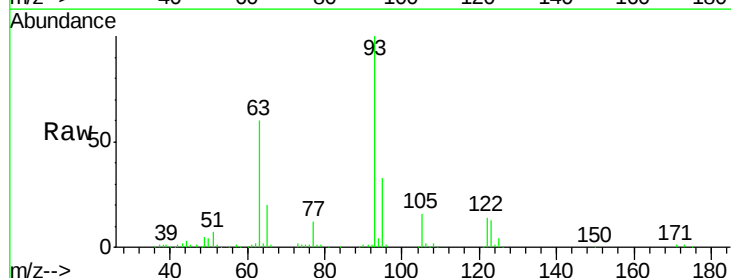
Tgt Ion: 93 Resp: 309152

Ion Ratio Lower Upper

93 100

95 32.7 26.5 39.7

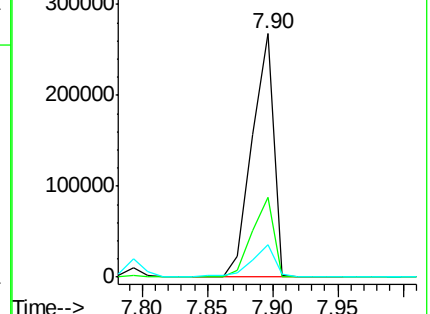
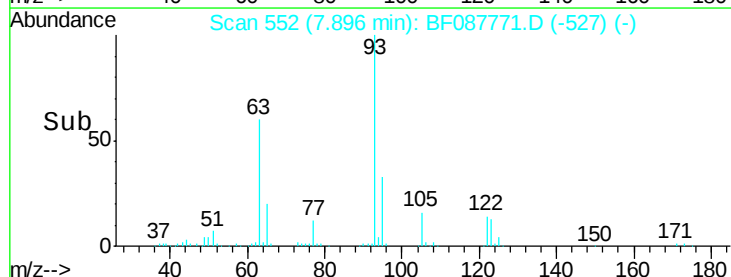
123 13.3 11.6 17.4

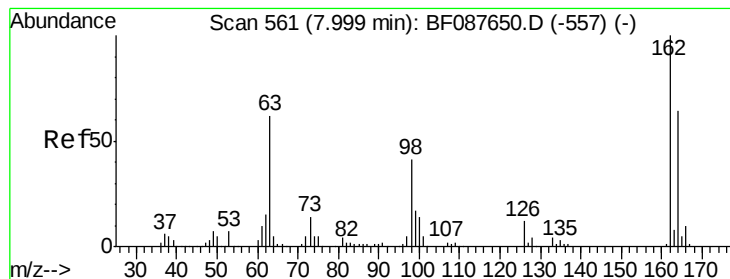


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 51.46 ng

RT: 8.00 min Scan# 561

Delta R.T. -0.00 min

Lab File: BF087771.D

Acq: 7 Jun 2016 2:56

Instrument :

BNA_F

ClientSampleId :

HSR-WC-49-060116MS

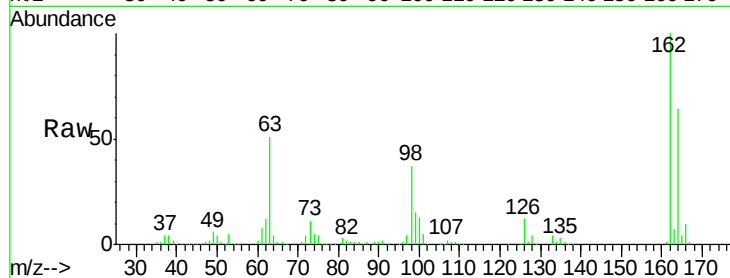
Tgt Ion:162 Resp: 239604

Ion Ratio Lower Upper

162 100

164 64.5 43.8 83.8

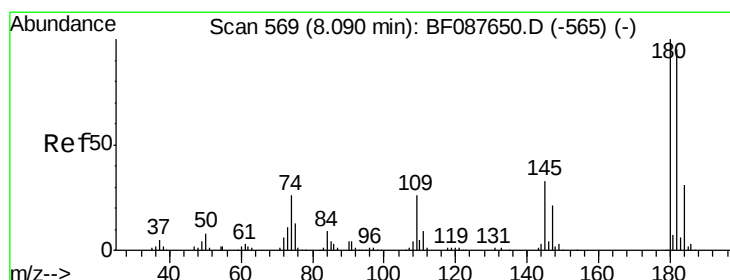
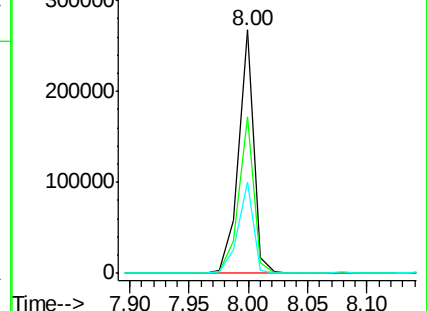
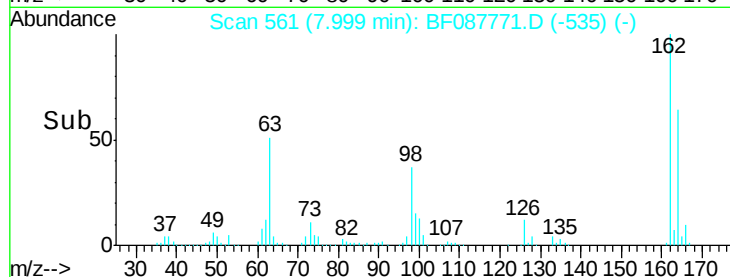
98 37.3 21.3 61.3



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF0



#30

1,2,4-Trichlorobenzene

Concen: 70.84 ng

RT: 8.08 min Scan# 568

Delta R.T. -0.01 min

Lab File: BF087771.D

Acq: 7 Jun 2016 2:56

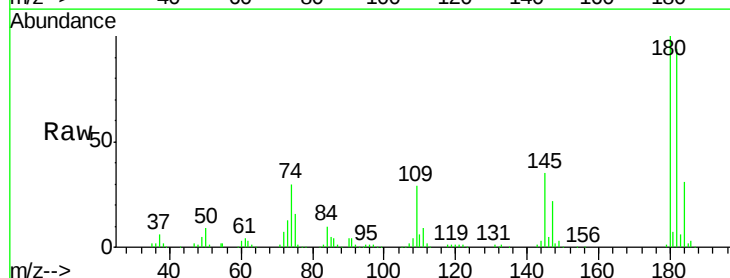
Tgt Ion:180 Resp: 345427

Ion Ratio Lower Upper

180 100

182 94.1 76.0 114.0

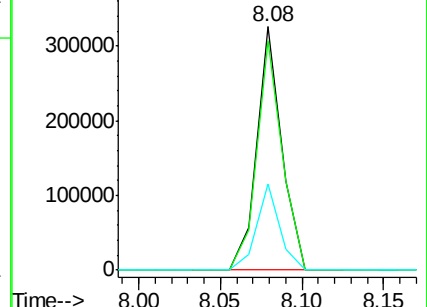
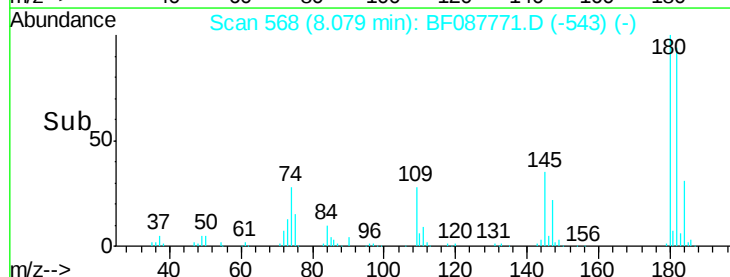
145 35.2 26.5 39.7

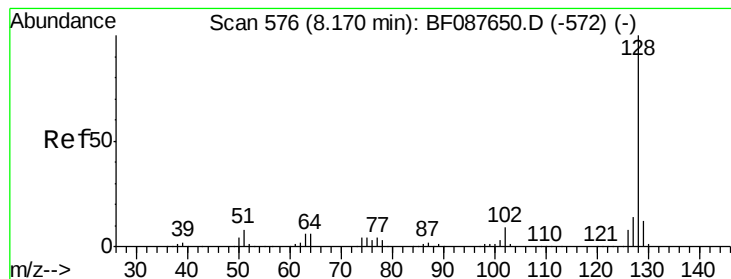


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 48.14 ng

RT: 8.16 min Scan# 575

Delta R.T. -0.01 min

Lab File: BF087771.D

Acq: 7 Jun 2016 2:56

Instrument :

BNA_F

ClientSampleId :

HSR-WC-49-060116MS

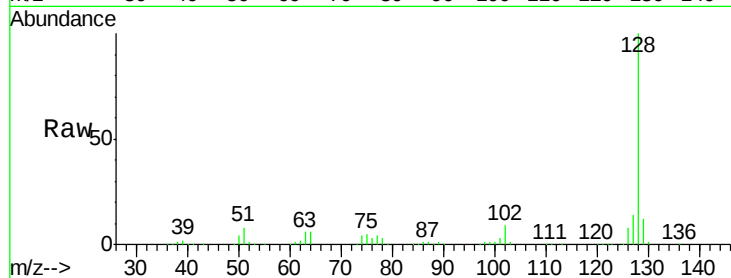
Tgt Ion:128 Resp: 796698

Ion Ratio Lower Upper

128 100

129 11.6 9.4 14.2

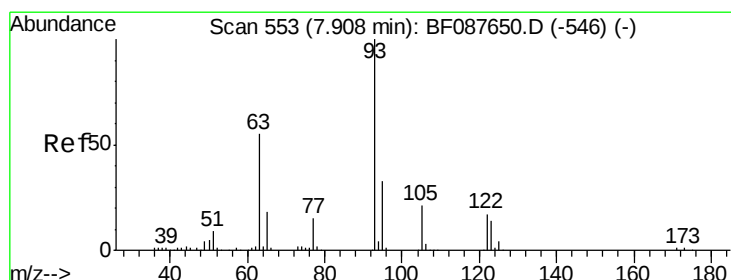
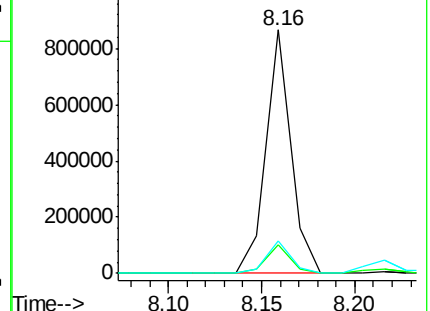
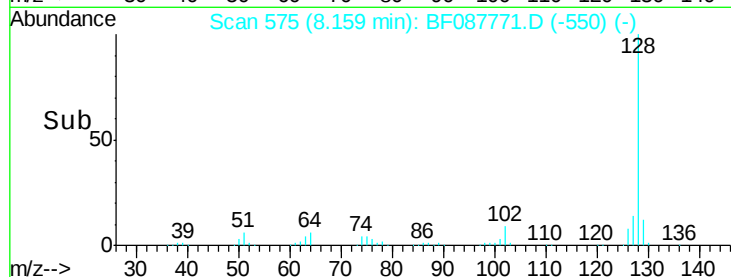
127 13.6 10.9 16.3



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: 41.86 ng

RT: 7.91 min Scan# 553

Delta R.T. 0.00 min

Lab File: BF087771.D

Acq: 7 Jun 2016 2:56

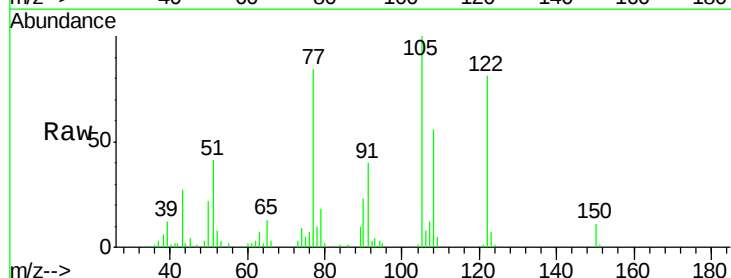
Tgt Ion:122 Resp: 143169

Ion Ratio Lower Upper

122 100

105 123.9 101.6 141.6

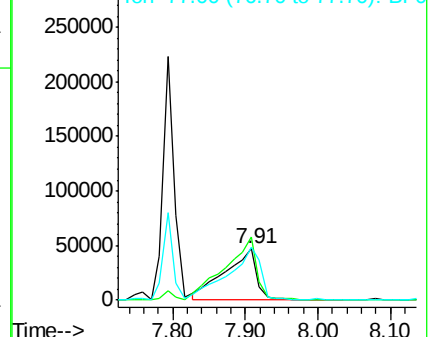
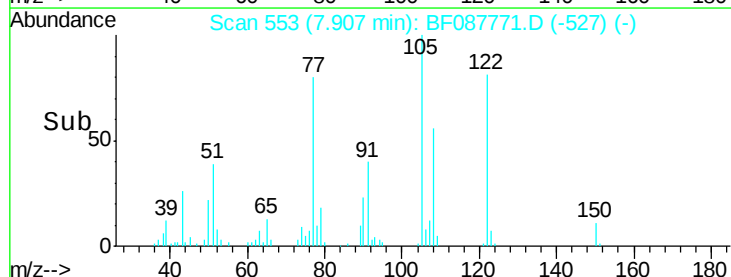
77 103.5 70.6 110.6

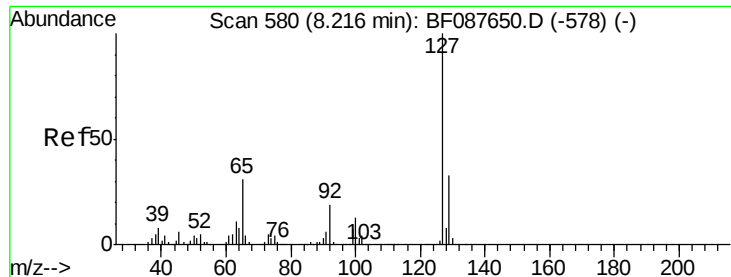


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

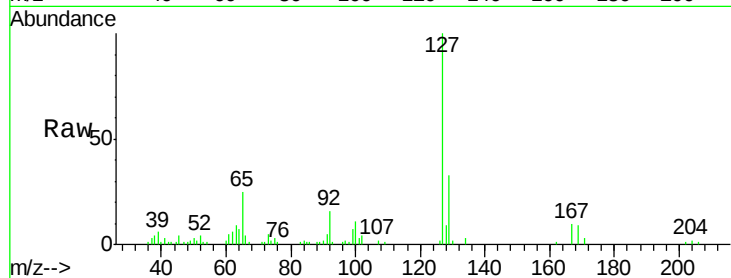




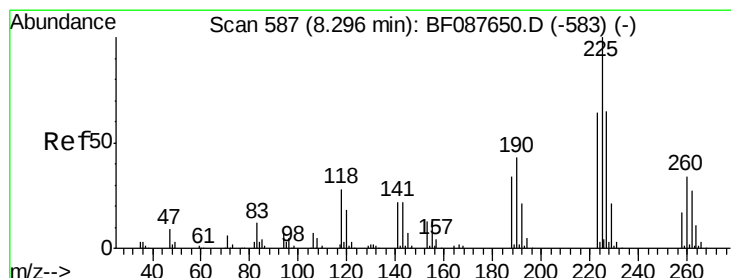
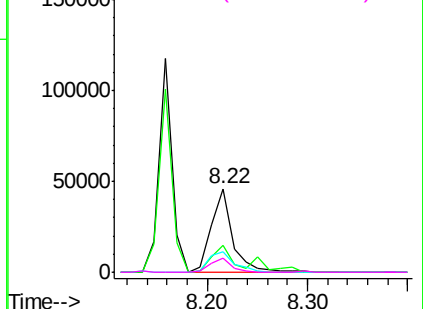
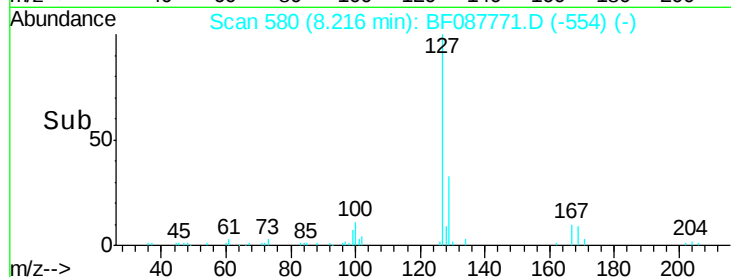
#33
4-Chloroaniline
Concen: 9.34 ng
RT: 8.22 min Scan# 580
Delta R.T. -0.00 min
Lab File: BF087771.D
Acq: 7 Jun 2016 2:56

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

Tgt Ion:	127	Resp:	67144
Ion	Ratio	Lower	Upper
127	100		
129	32.6	26.3	39.5
65	24.6	24.7	37.1#
92	16.3	15.4	23.0

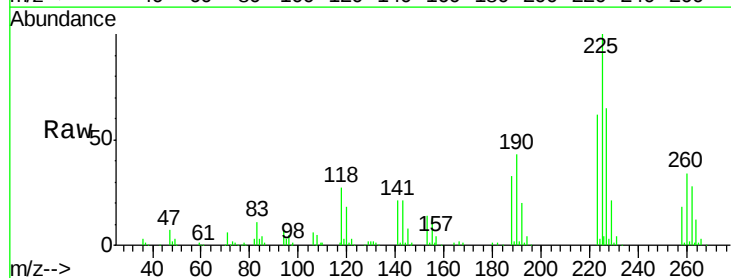


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

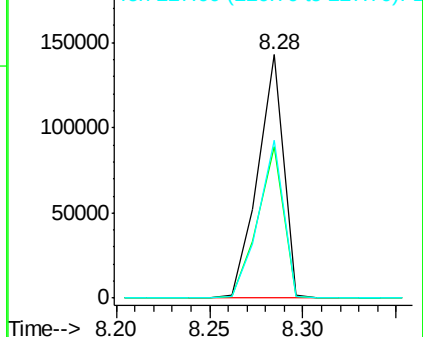
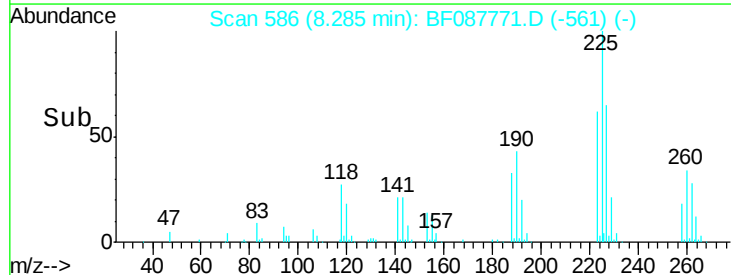


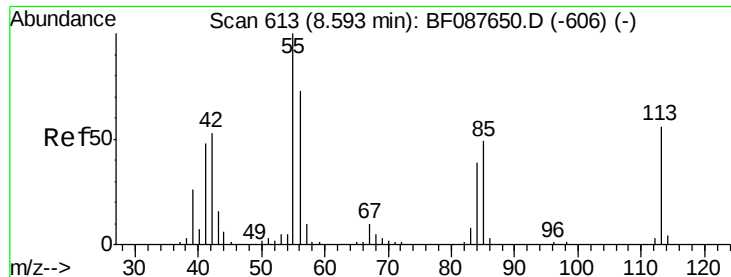
#34
Hexachlorobutadiene
Concen: 53.63 ng
RT: 8.28 min Scan# 586
Delta R.T. -0.01 min
Lab File: BF087771.D
Acq: 7 Jun 2016 2:56

Tgt Ion:	225	Resp:	135966
Ion	Ratio	Lower	Upper
225	100		
223	62.4	50.9	76.3
227	64.8	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

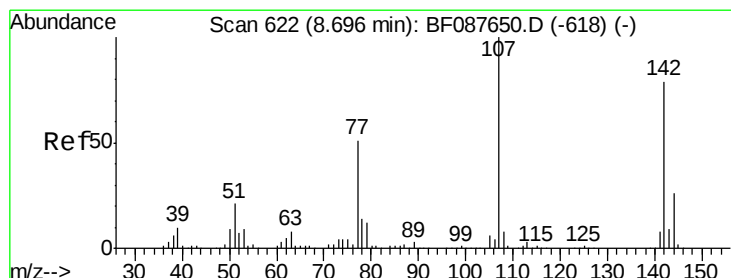
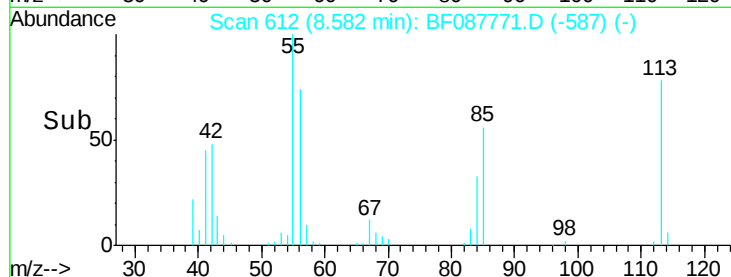
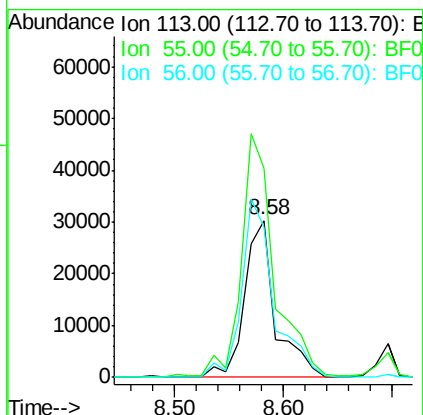
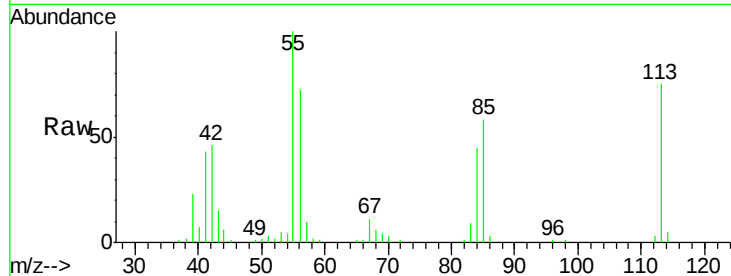




#35
 Caprolactam
 Concen: 38.99 ng
 RT: 8.58 min Scan# 612
 Delta R.T. -0.01 min
 Lab File: BF087771.D
 Acq: 7 Jun 2016 2:56

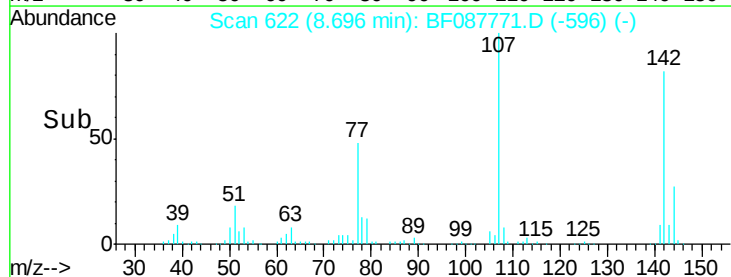
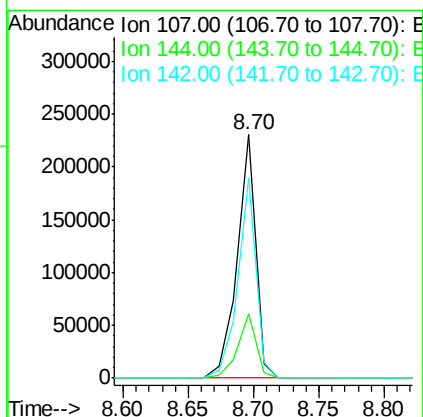
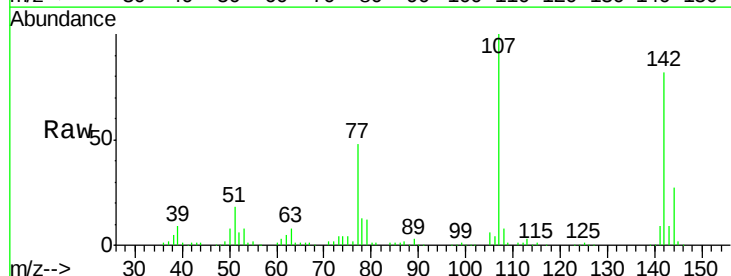
Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-49-060116MS

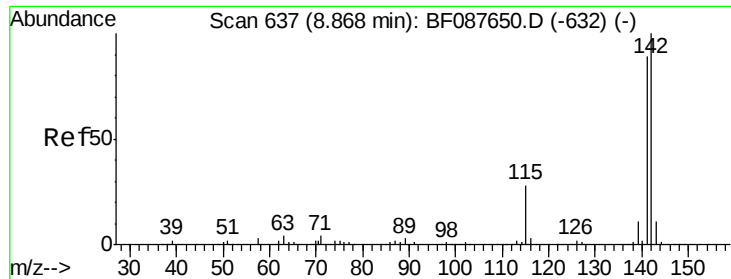
Tgt Ion:113 Resp: 59636
 Ion Ratio Lower Upper
 113 100
 55 133.0 158.6 198.6#
 56 96.0 110.6 150.6#



#36
 4-Chloro-3-methylphenol
 Concen: 47.00 ng
 RT: 8.70 min Scan# 622
 Delta R.T. -0.00 min
 Lab File: BF087771.D
 Acq: 7 Jun 2016 2:56

Tgt Ion:107 Resp: 226363
 Ion Ratio Lower Upper
 107 100
 144 26.6 20.8 31.2
 142 82.3 63.4 95.2

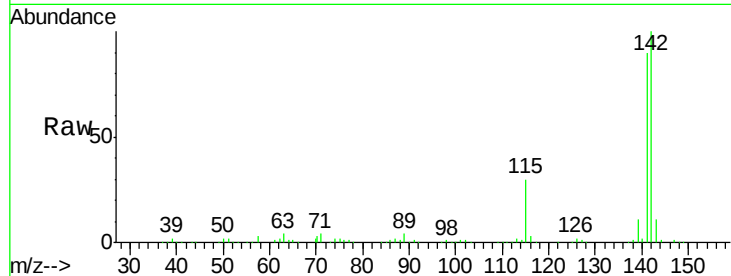




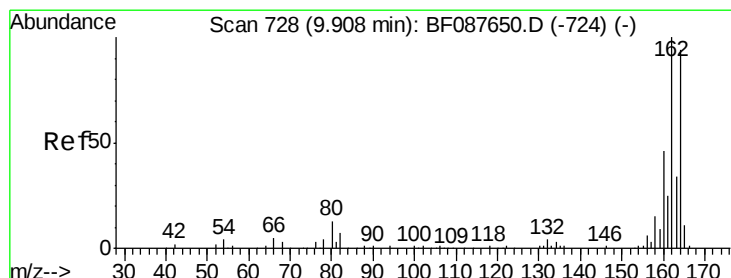
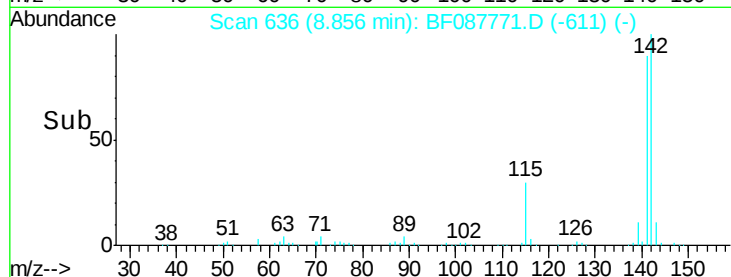
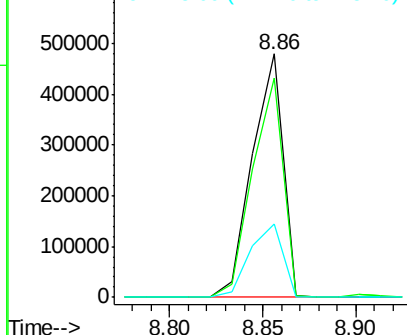
#37
 2-Methylnaphthalene
 Concen: 49.89 ng
 RT: 8.86 min Scan# 636
 Delta R.T. -0.01 min
 Lab File: BF087771.D
 Acq: 7 Jun 2016 2:56

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

Tgt Ion:142 Resp: 545176
 Ion Ratio Lower Upper
 142 100
 141 90.0 71.0 106.6
 115 30.0 22.6 33.8

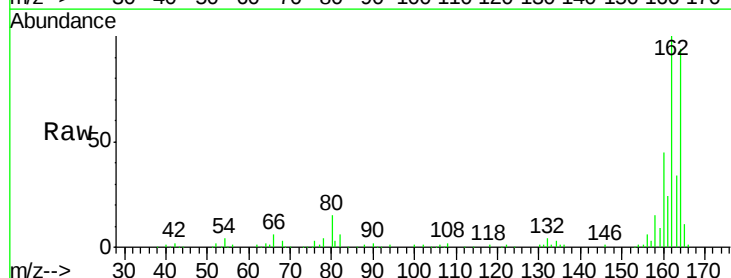


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

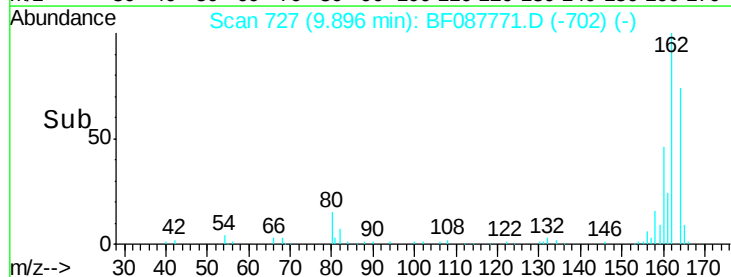
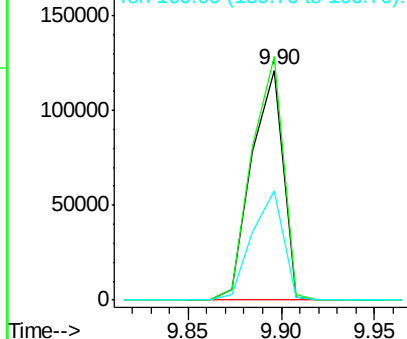


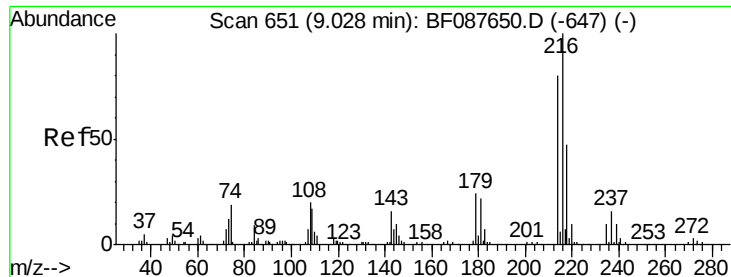
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.90 min Scan# 727
 Delta R.T. -0.01 min
 Lab File: BF087771.D
 Acq: 7 Jun 2016 2:56

Tgt Ion:164 Resp: 141871
 Ion Ratio Lower Upper
 164 100
 162 106.1 85.4 128.2
 160 47.7 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: 54.25 ng

RT: 9.02 min Scan# 650

Delta R.T. -0.01 min

Lab File: BF087771.D

Acq: 7 Jun 2016 2:56

Instrument :

BNA_F

ClientSampleId :

HSR-WC-49-060116MS

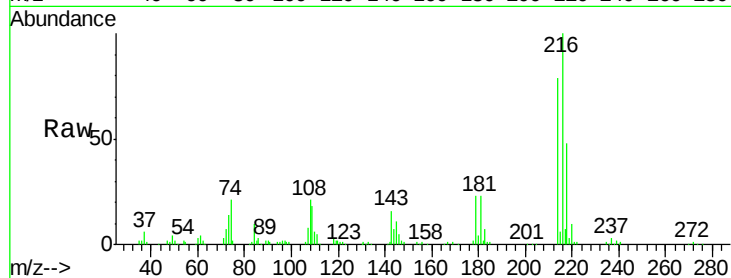
Tgt Ion:216 Resp: 212104
Ion Ratio Lower Upper

216 100

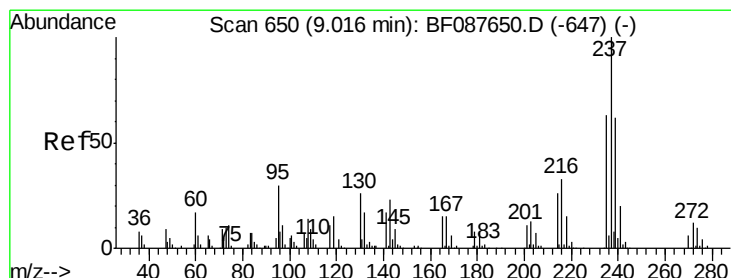
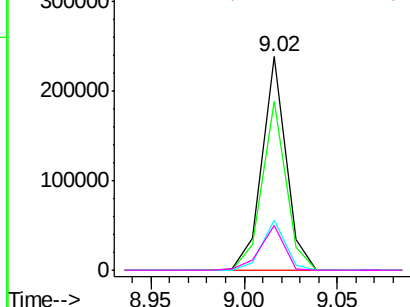
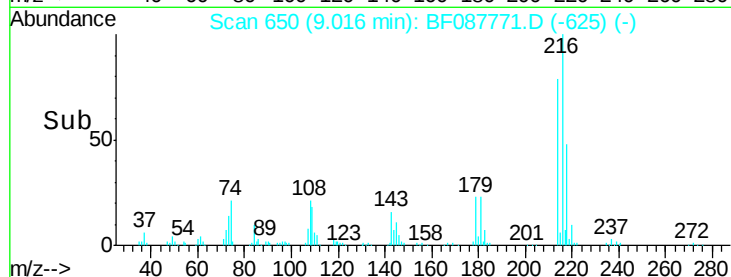
214 79.0 2.9 4.3#

179 22.8 0.0 0.0#

108 21.0 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: 24.74 ng

RT: 9.00 min Scan# 649

Delta R.T. -0.01 min

Lab File: BF087771.D

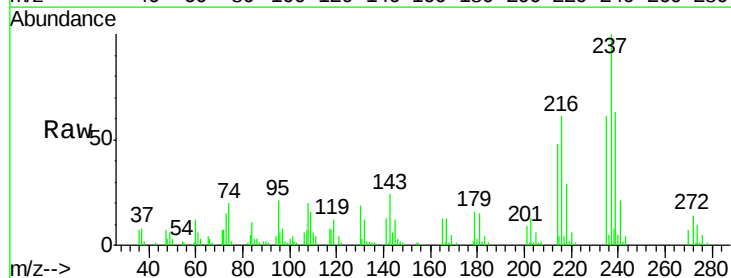
Acq: 7 Jun 2016 2:56

Tgt Ion:237 Resp: 56898
Ion Ratio Lower Upper

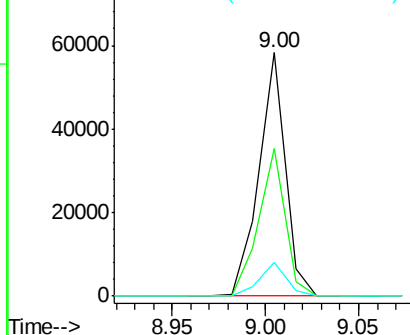
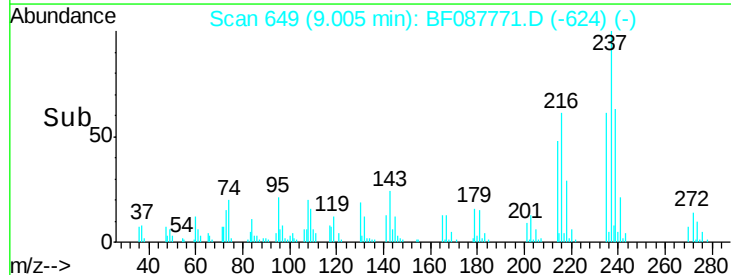
237 100

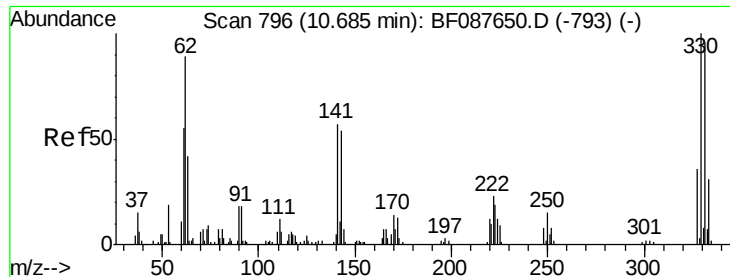
235 60.6 43.4 83.4

272 13.8 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

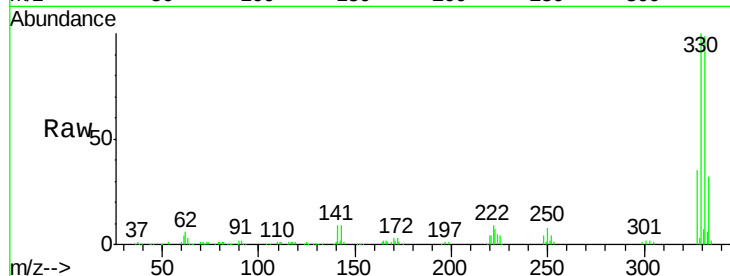




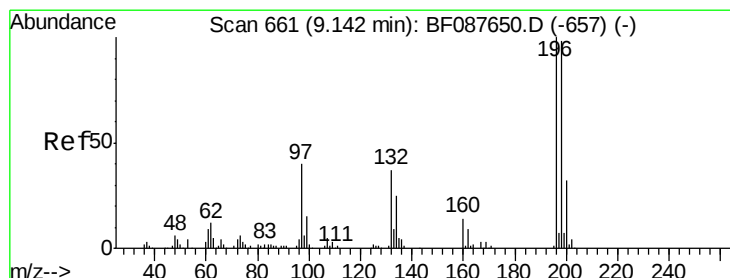
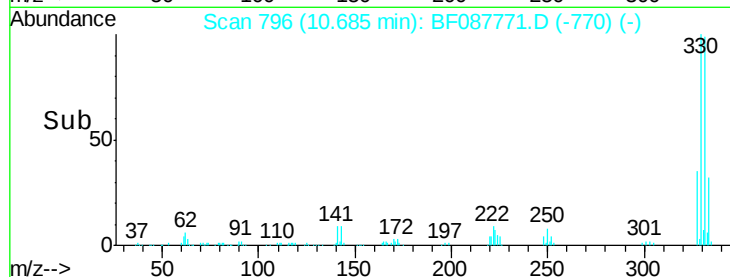
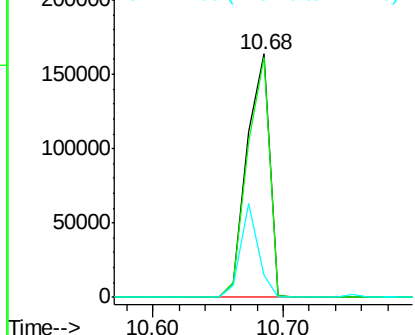
#41
 2,4,6-Tribromophenol
 Concen: 138.60 ng
 RT: 10.68 min Scan# 796
 Delta R.T. -0.00 min
 Lab File: BF087771.D
 Acq: 7 Jun 2016 2:56

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

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.6	0.0	0.0#
141	30.5	0.0	0.0#

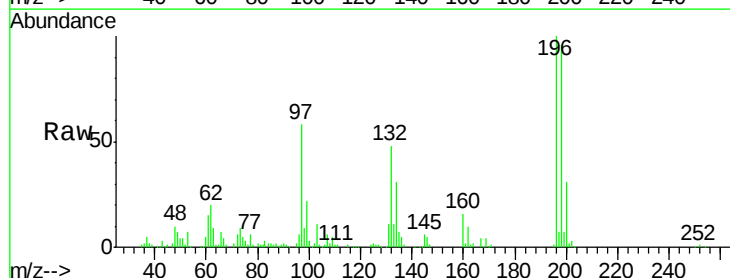


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

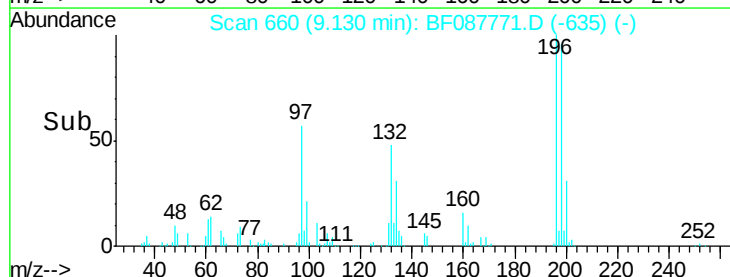
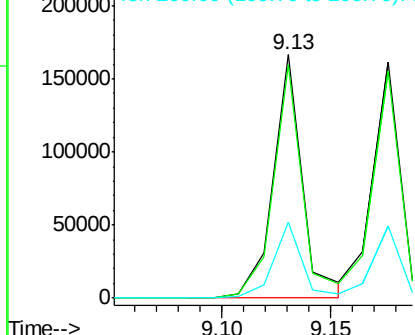


#42
 2,4,6-Trichlorophenol
 Concen: 53.00 ng
 RT: 9.13 min Scan# 660
 Delta R.T. -0.01 min
 Lab File: BF087771.D
 Acq: 7 Jun 2016 2:56

Tgt Ion	Ratio	Lower	Upper
196	100		
198	96.0	78.0	117.0
200	31.1	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

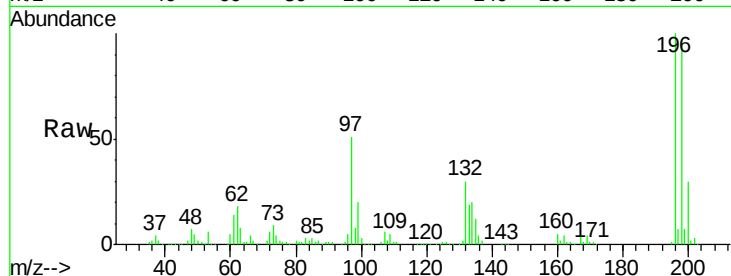




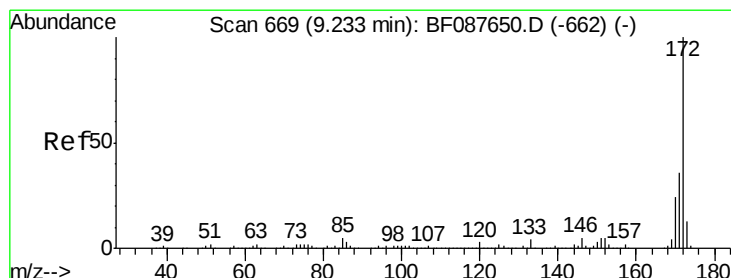
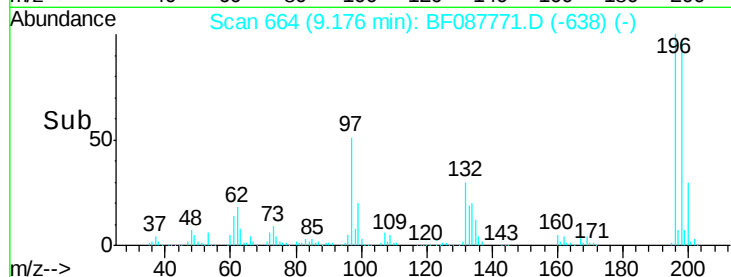
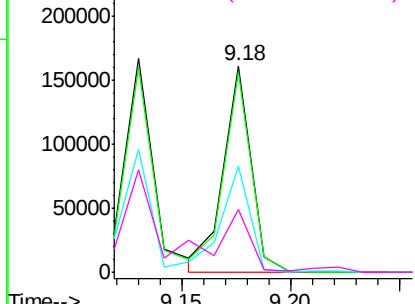
#43
 2,4,5-Trichlorophenol
 Concen: 51.46 ng
 RT: 9.18 min Scan# 664
 Delta R.T. -0.00 min
 Lab File: BF087771.D
 Acq: 7 Jun 2016 2:56

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

Tgt Ion:	196	Resp:	141409
Ion	Ratio	Lower	Upper
196	100		
198	96.6	77.5	116.3
97	51.4	32.0	48.0#
132	30.5	20.9	31.3

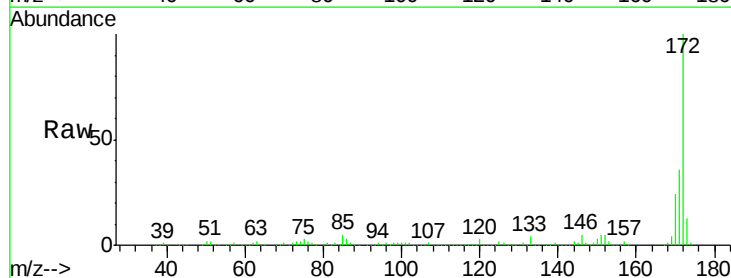


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

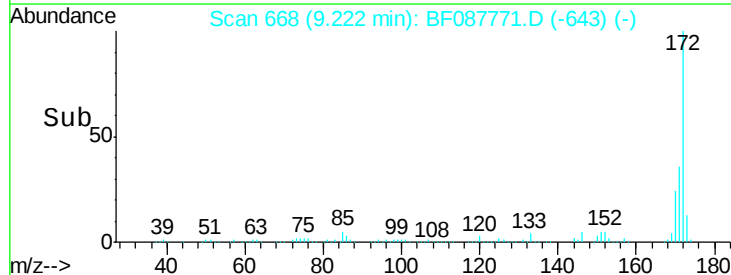
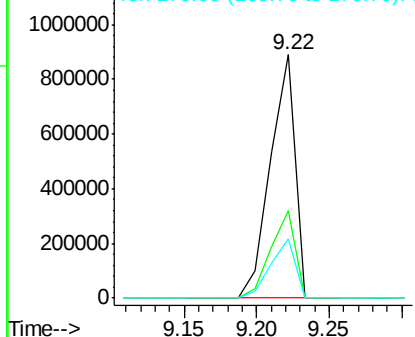


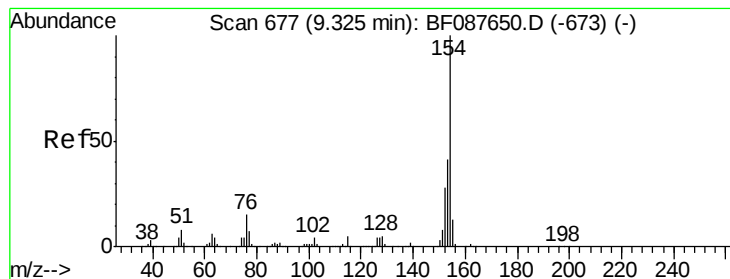
#44
 2-Fluorobiphenyl
 Concen: 156.28 ng
 RT: 9.22 min Scan# 668
 Delta R.T. -0.01 min
 Lab File: BF087771.D
 Acq: 7 Jun 2016 2:56

Tgt Ion:	172	Resp:	1047984
Ion	Ratio	Lower	Upper
172	100		
171	36.1	28.6	43.0
170	24.2	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: 49.85 ng

RT: 9.31 min Scan# 676

Delta R.T. -0.01 min

Lab File: BF087771.D

Acq: 7 Jun 2016 2:56

Instrument :

BNA_F

ClientSampleId :

HSR-WC-49-060116MS

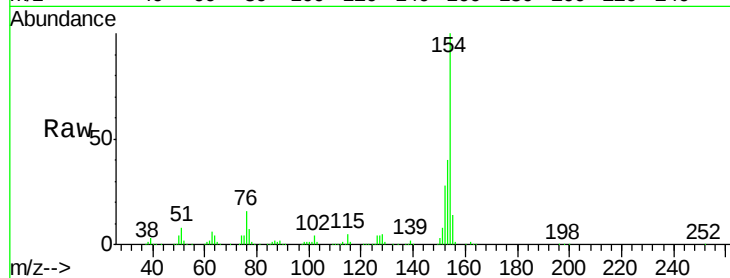
Tgt Ion:154 Resp: 574012

Ion Ratio Lower Upper

154 100

153 40.5 20.6 60.6

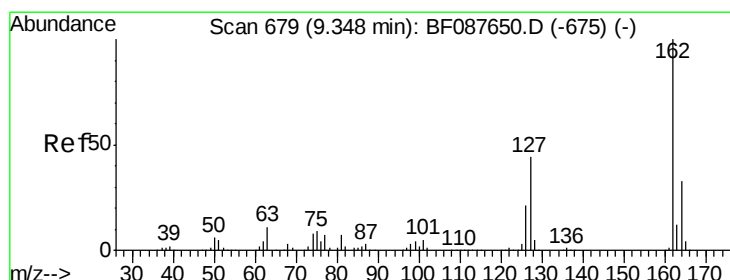
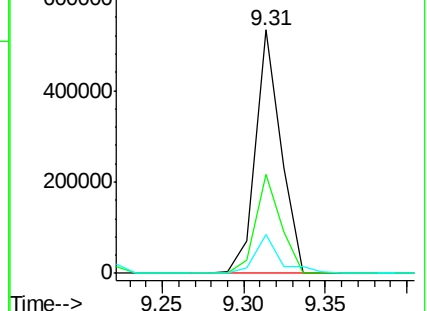
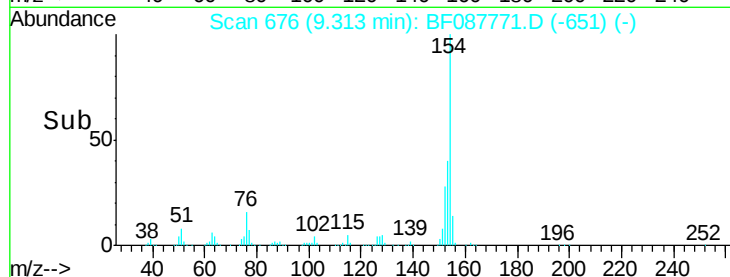
76 15.7 0.0 35.1



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: 49.45 ng

RT: 9.34 min Scan# 678

Delta R.T. -0.01 min

Lab File: BF087771.D

Acq: 7 Jun 2016 2:56

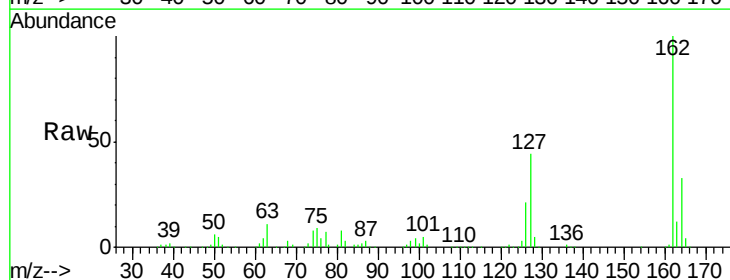
Tgt Ion:162 Resp: 453195

Ion Ratio Lower Upper

162 100

127 44.3 35.2 52.8

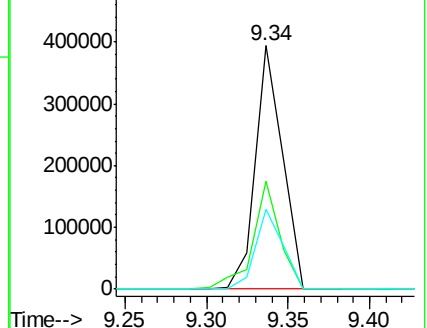
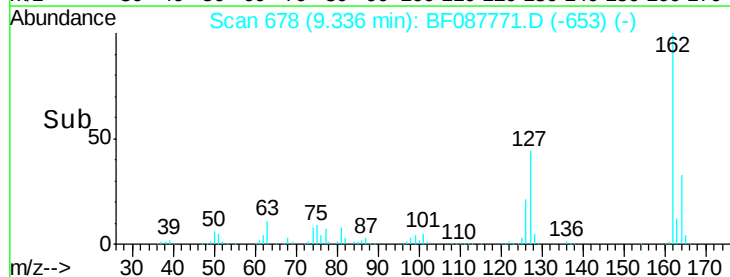
164 33.0 26.6 39.8

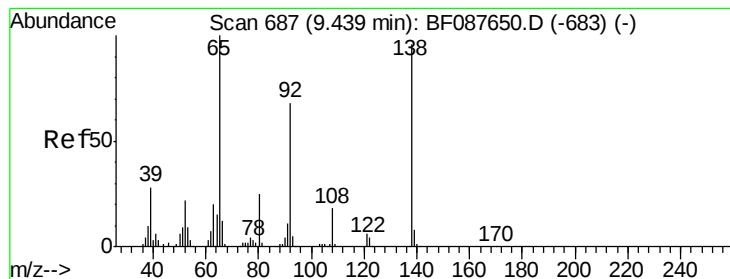


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 53.71 ng

RT: 9.44 min Scan# 687

Delta R.T. -0.00 min

Lab File: BF087771.D

Acq: 7 Jun 2016 2:56

Instrument :

BNA_F

ClientSampleId :

HSR-WC-49-060116MS

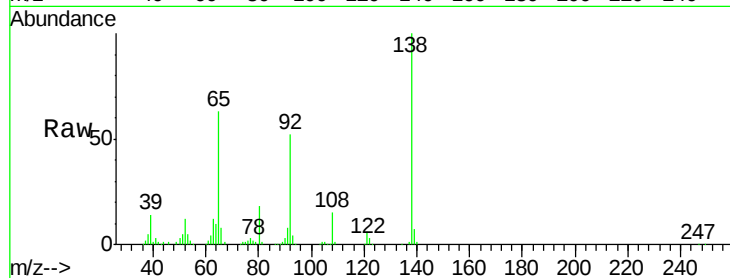
Tgt Ion: 65 Resp: 138603

Ion Ratio Lower Upper

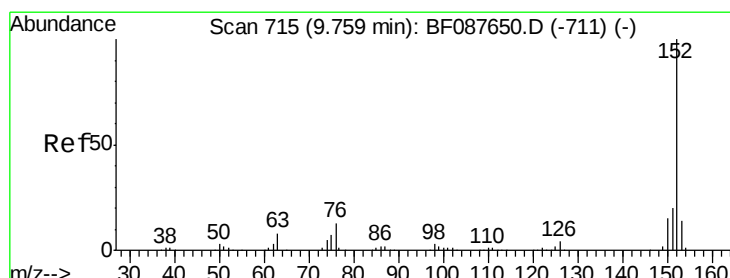
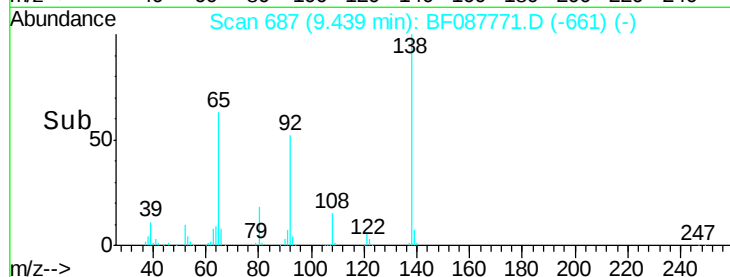
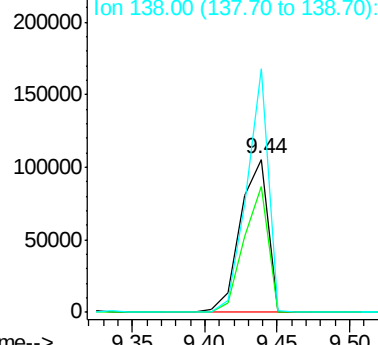
65 100

92 82.0 54.6 82.0#

138 158.8 77.0 115.4#



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



#48

Acenaphthylene

Concen: 50.85 ng

RT: 9.76 min Scan# 715

Delta R.T. -0.00 min

Lab File: BF087771.D

Acq: 7 Jun 2016 2:56

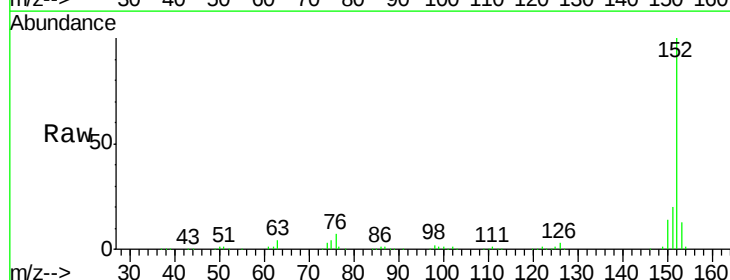
Tgt Ion: 152 Resp: 726864

Ion Ratio Lower Upper

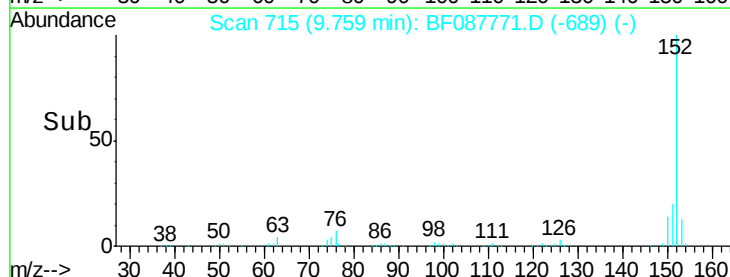
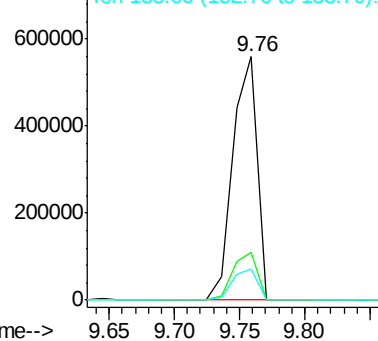
152 100

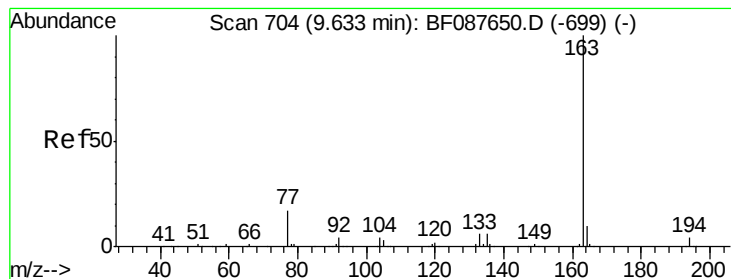
151 19.8 16.2 24.4

153 12.9 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: 58.38 ng

RT: 9.62 min Scan# 703

Delta R.T. -0.01 min

Lab File: BF087771.D

Acq: 7 Jun 2016 2:56

Instrument :

BNA_F

ClientSampleId :

HSR-WC-49-060116MS

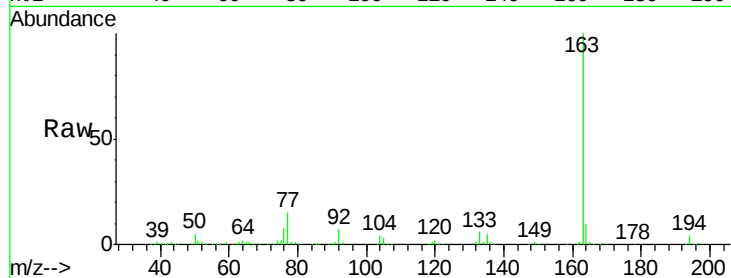
Tgt Ion:163 Resp: 602111

Ion Ratio Lower Upper

163 100

194 3.7 2.8 4.2

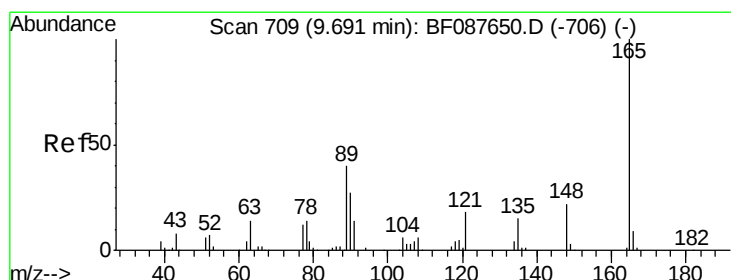
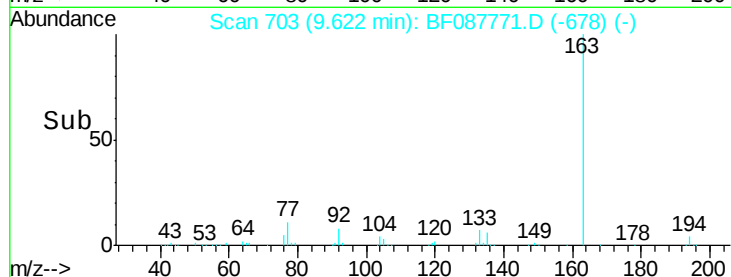
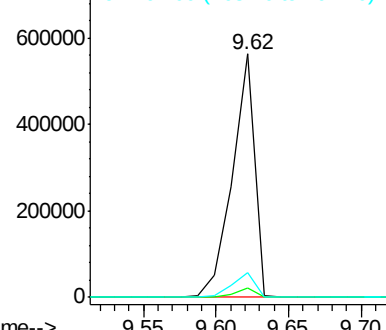
164 10.0 8.3 12.5



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: 50.61 ng

RT: 9.68 min Scan# 708

Delta R.T. -0.01 min

Lab File: BF087771.D

Acq: 7 Jun 2016 2:56

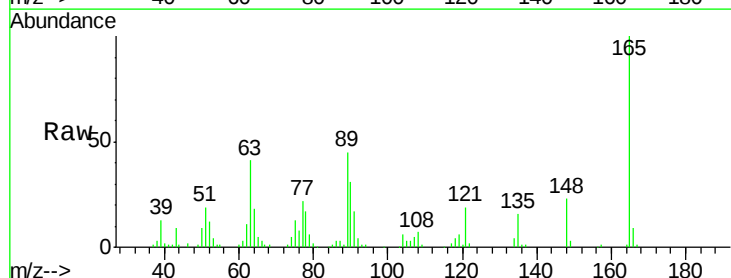
Tgt Ion:165 Resp: 118760

Ion Ratio Lower Upper

165 100

63 41.4 28.1 42.1

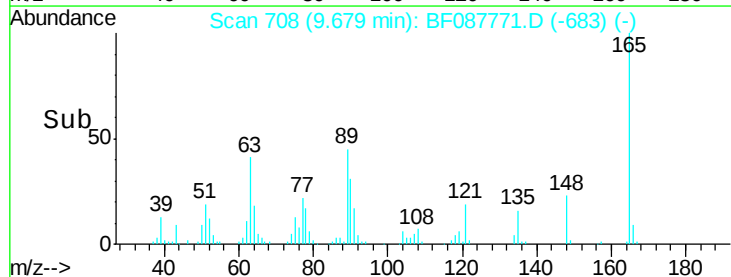
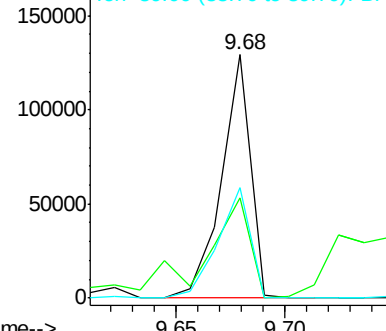
89 45.5 32.2 48.2

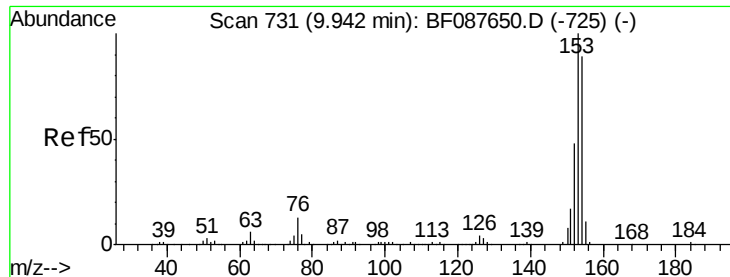


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 47.64 ng

RT: 9.93 min Scan# 730

Delta R.T. -0.01 min

Lab File: BF087771.D

Acq: 7 Jun 2016 2:56

Instrument :

BNA_F

ClientSampleId :

HSR-WC-49-060116MS

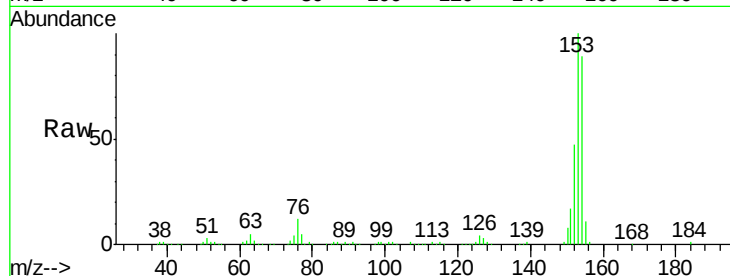
Tgt Ion:154 Resp: 438119

Ion Ratio Lower Upper

154 100

153 112.6 89.5 134.3

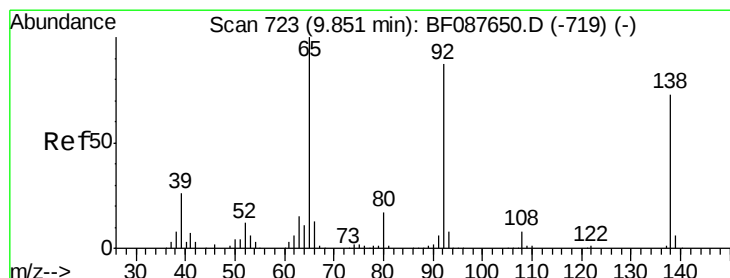
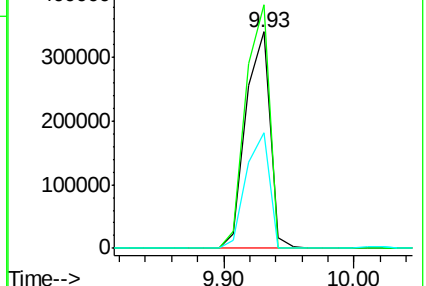
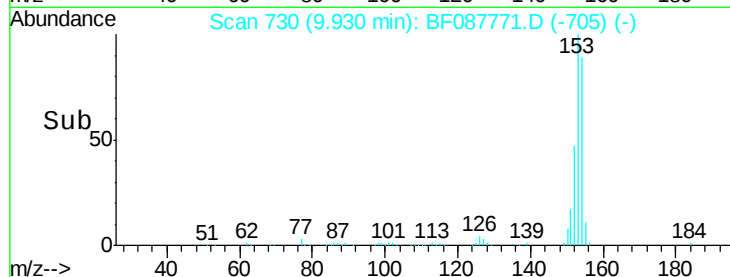
152 53.4 42.7 64.1



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: 23.92 ng

RT: 9.84 min Scan# 722

Delta R.T. -0.01 min

Lab File: BF087771.D

Acq: 7 Jun 2016 2:56

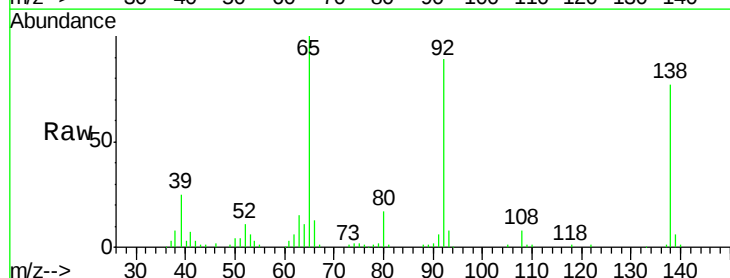
Tgt Ion:138 Resp: 64190

Ion Ratio Lower Upper

138 100

108 10.4 8.5 12.7

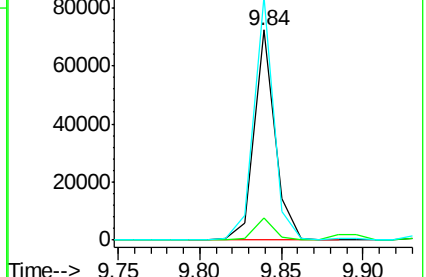
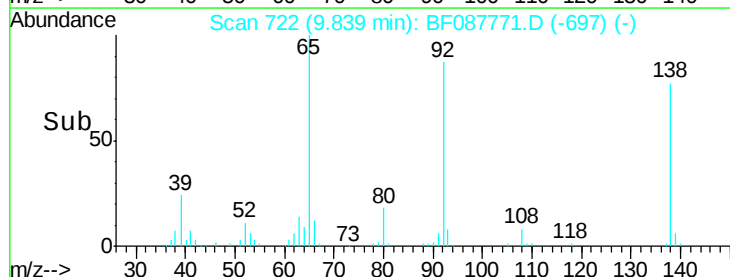
92 115.9 95.7 143.5

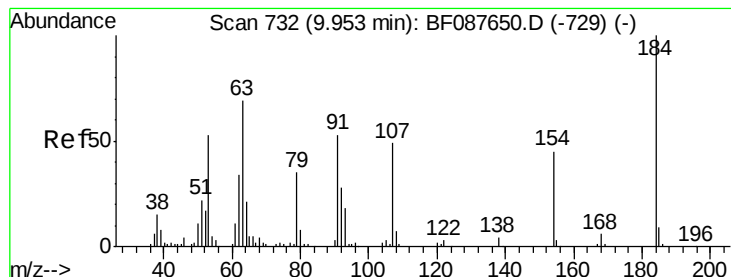


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0





#53

2,4-Dinitrophenol

Concen: 23.54 ng

RT: 9.94 min Scan# 731

Delta R.T. -0.01 min

Lab File: BF087771.D

Acq: 7 Jun 2016 2:56

Instrument :

BNA_F

ClientSampleId :

HSR-WC-49-060116MS

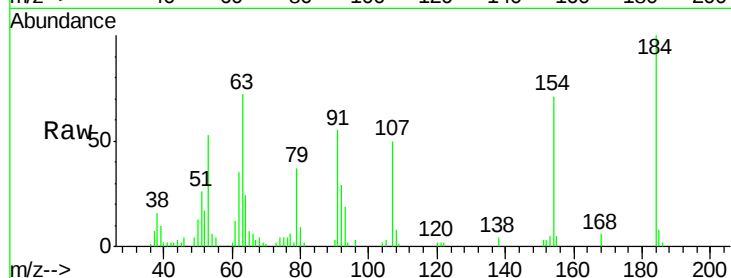
Tgt Ion:184 Resp: 22006

Ion Ratio Lower Upper

184 100

63 71.8 57.6 86.4

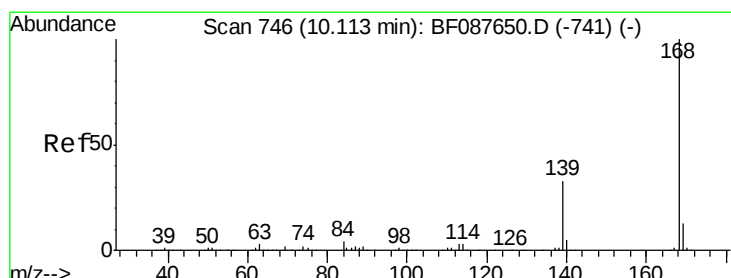
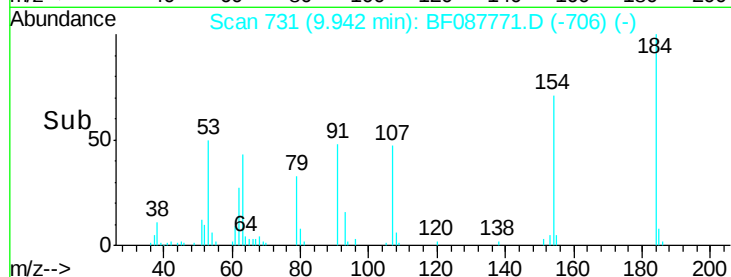
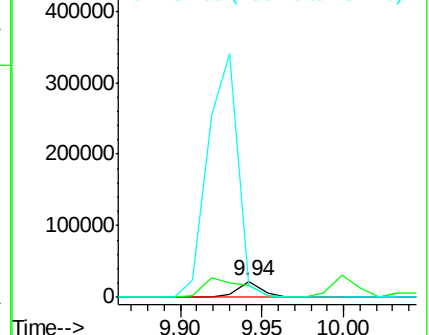
154 70.8 53.5 80.3



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

Dibenzofuran

Concen: 50.49 ng

RT: 10.10 min Scan# 745

Delta R.T. -0.01 min

Lab File: BF087771.D

Acq: 7 Jun 2016 2:56

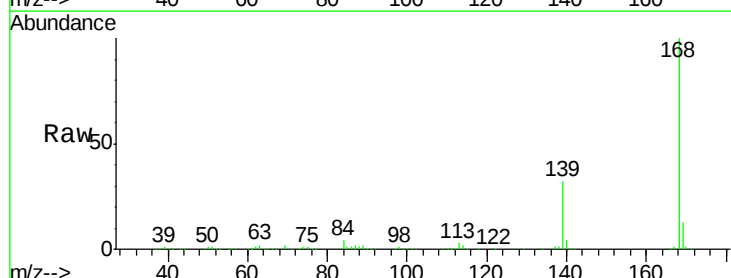
Tgt Ion:168 Resp: 632228

Ion Ratio Lower Upper

168 100

139 32.1 26.4 39.6

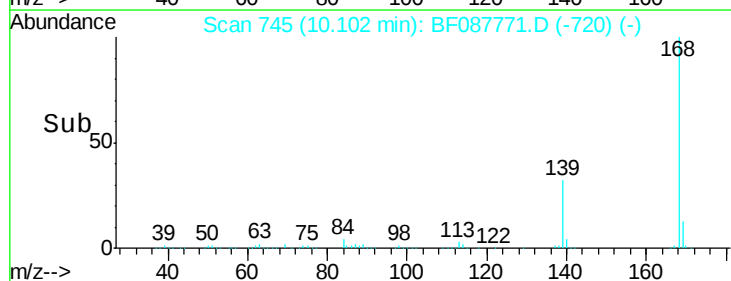
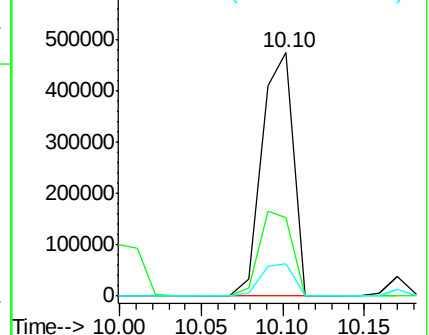
169 13.1 10.4 15.6

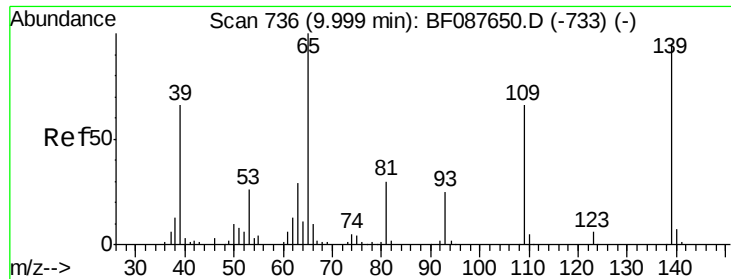


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

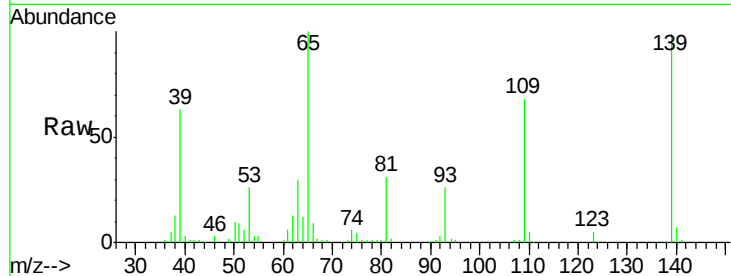




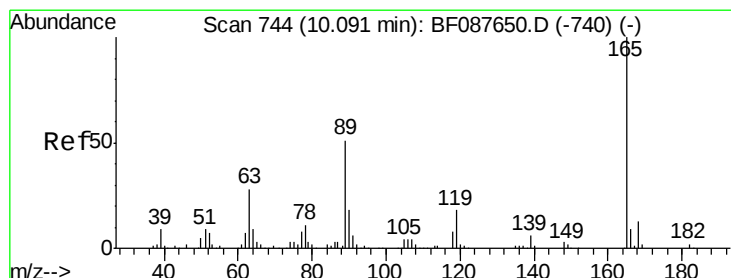
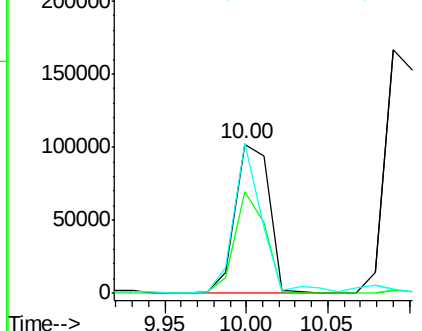
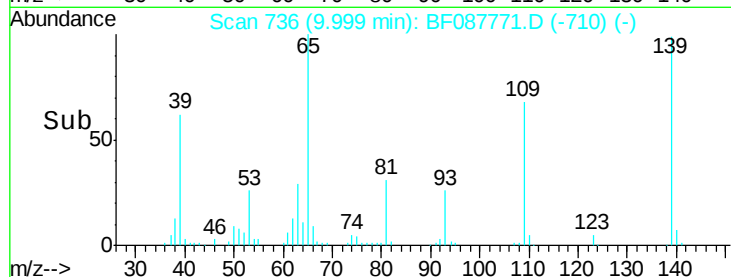
#55
4-Nitrophenol
Concen: 64.36 ng
RT: 10.00 min Scan# 736
Delta R.T. -0.00 min
Lab File: BF087771.D
Acq: 7 Jun 2016 2:56

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

Tgt Ion:139 Resp: 147654
Ion Ratio Lower Upper
139 100
109 68.2 48.9 88.9
65 100.6 84.9 124.9

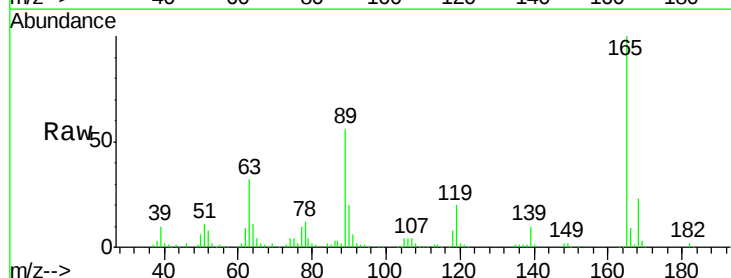


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

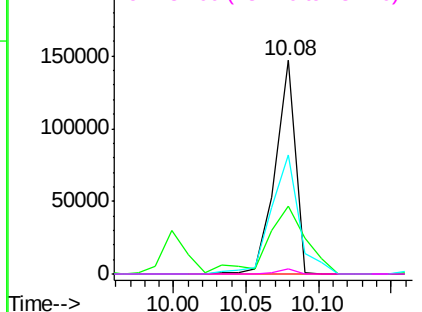
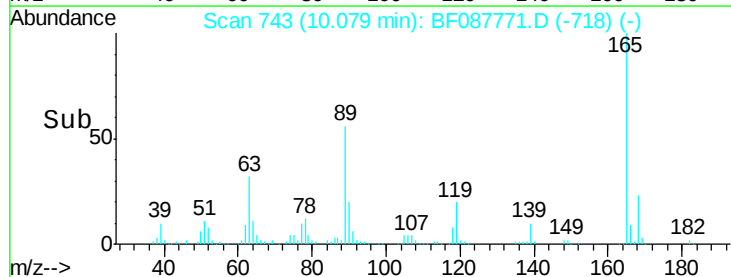


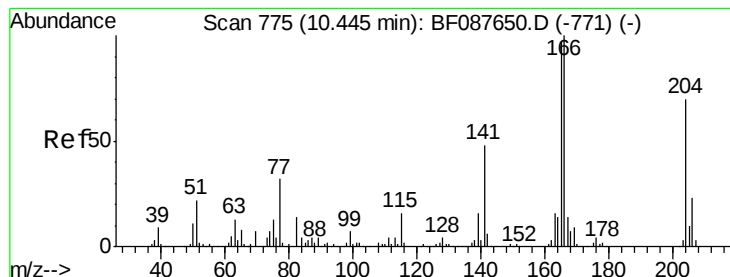
#56
2,4-Dinitrotoluene
Concen: 47.29 ng
RT: 10.08 min Scan# 743
Delta R.T. -0.01 min
Lab File: BF087771.D
Acq: 7 Jun 2016 2:56

Tgt Ion:165 Resp: 141324
Ion Ratio Lower Upper
165 100
63 31.8 22.0 33.0
89 55.7 41.1 61.7
182 2.2 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: 45.00 ng

RT: 10.43 min Scan# 774

Delta R.T. -0.01 min

Lab File: BF087771.D

Acq: 7 Jun 2016 2:56

Instrument :

BNA_F

ClientSampleId :

HSR-WC-49-060116MS

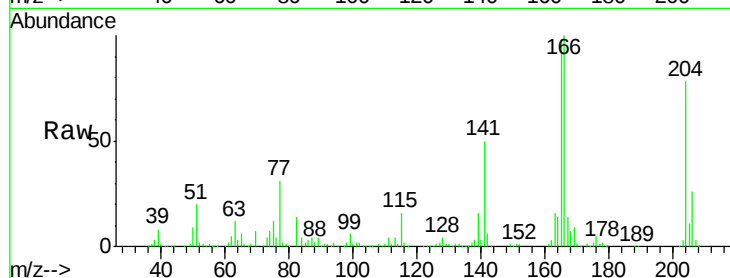
Tgt Ion:166 Resp: 440386

Ion Ratio Lower Upper

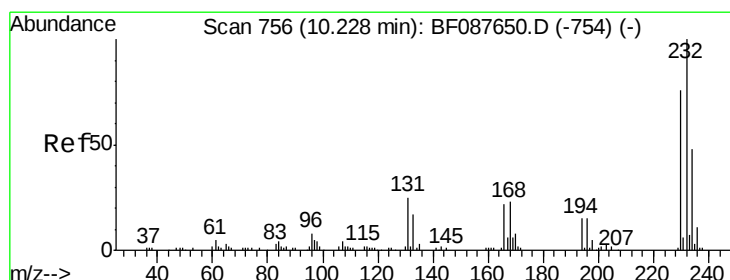
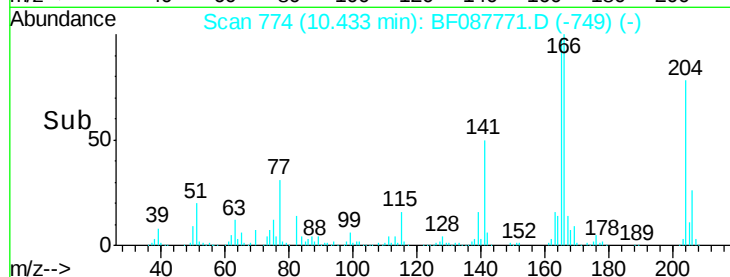
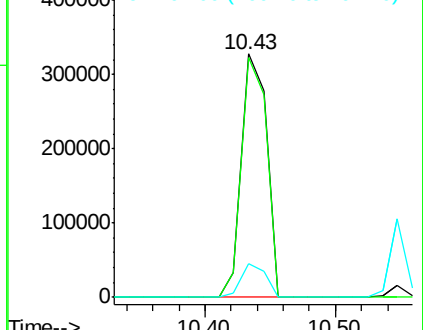
166 100

165 98.5 77.8 116.8

167 14.0 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: 48.00 ng

RT: 10.22 min Scan# 755

Delta R.T. -0.01 min

Lab File: BF087771.D

Acq: 7 Jun 2016 2:56

Tgt Ion:232 Resp: 113633

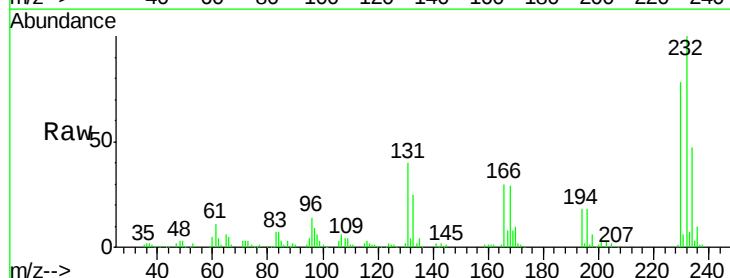
Ion Ratio Lower Upper

232 100

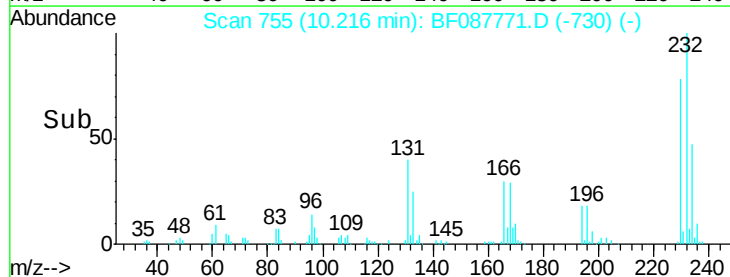
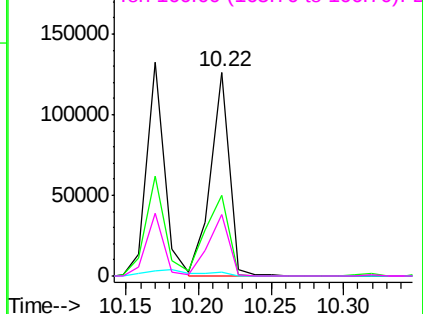
131 48.6 0.9 1.3#

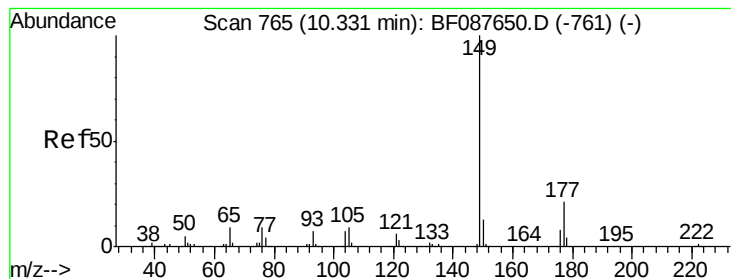
130 0.0 1.5 2.3#

166 33.0 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: 56.20 ng

RT: 10.32 min Scan# 764

Delta R.T. -0.01 min

Lab File: BF087771.D

Acq: 7 Jun 2016 2:56

Instrument :

BNA_F

ClientSampleId :

HSR-WC-49-060116MS

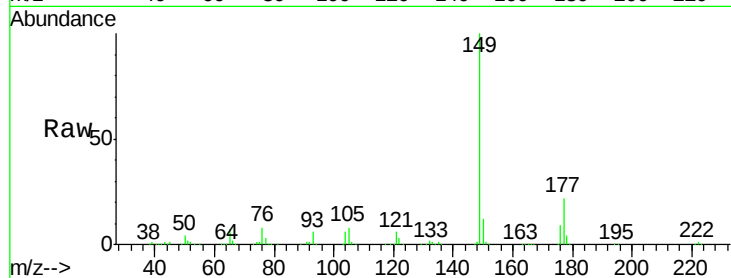
Tgt Ion:149 Resp: 582134

Ion Ratio Lower Upper

149 100

177 22.3 16.9 25.3

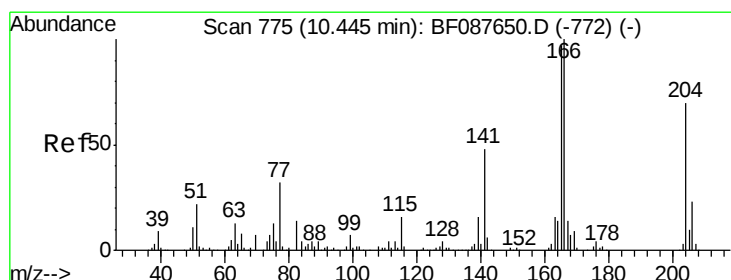
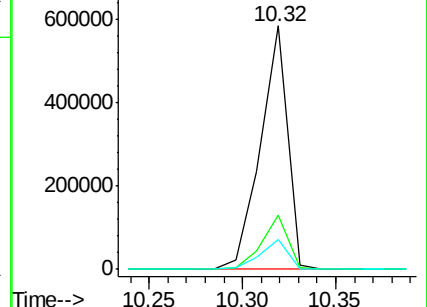
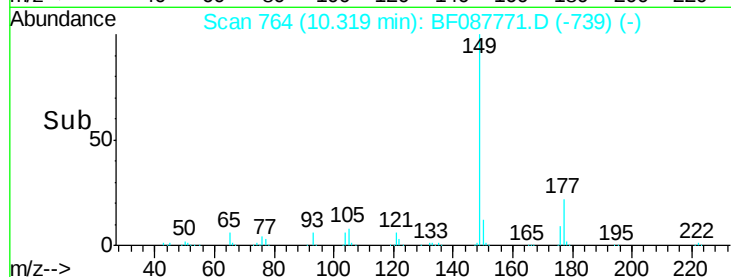
150 12.4 10.1 15.1



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: Below Cal

RT: 10.43 min Scan# 774

Delta R.T. -0.01 min

Lab File: BF087771.D

Acq: 7 Jun 2016 2:56

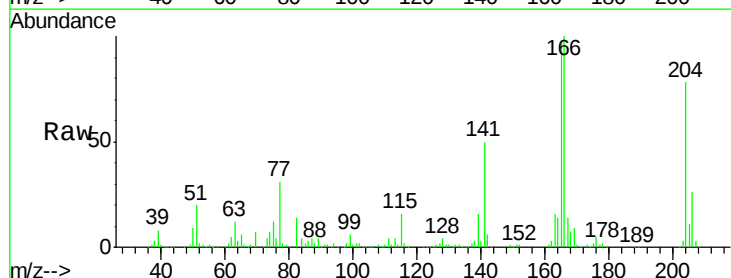
Tgt Ion:204 Resp: 214197

Ion Ratio Lower Upper

204 100

206 33.0 26.3 39.5

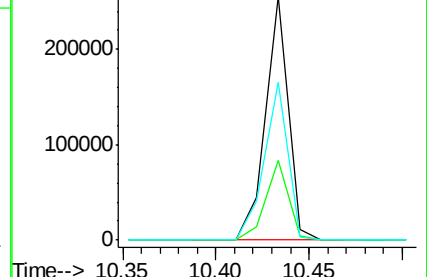
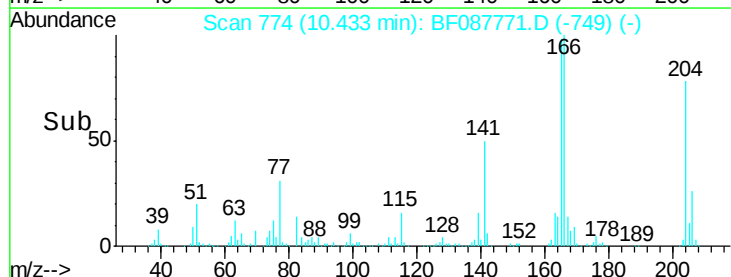
141 64.6 55.0 82.6

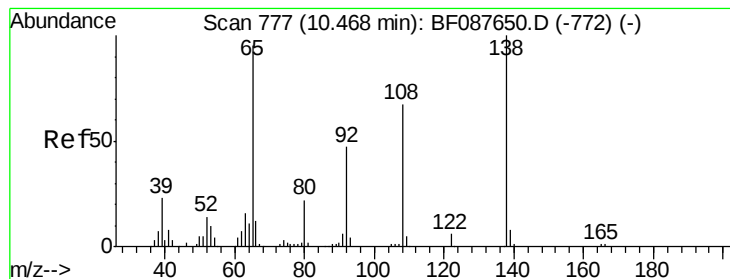


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 38.92 ng

RT: 10.46 min Scan# 776

Delta R.T. -0.01 min

Lab File: BF087771.D

Acq: 7 Jun 2016 2:56

Instrument :

BNA_F

ClientSampleId :

HSR-WC-49-060116MS

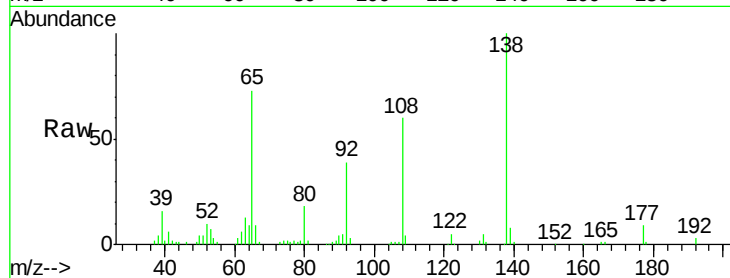
Tgt Ion:138 Resp: 100436

Ion Ratio Lower Upper

138 100

92 39.2 27.3 67.3

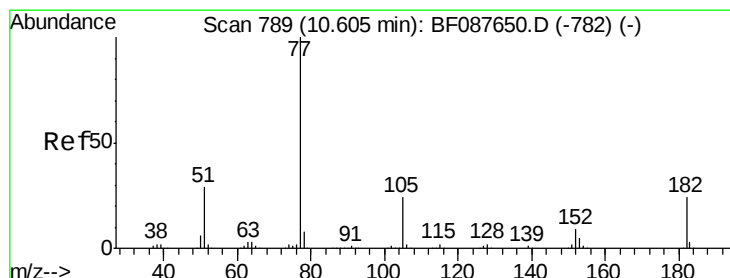
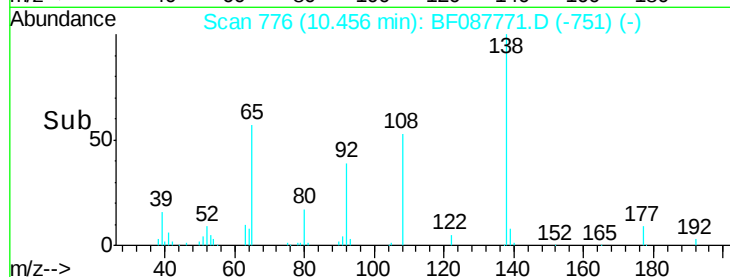
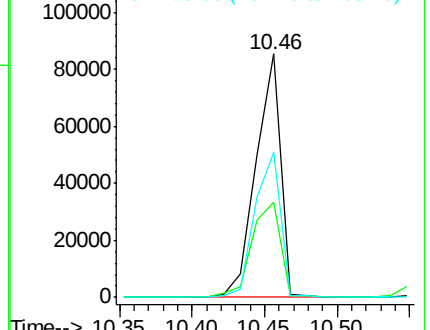
108 59.8 46.7 86.7



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: 43.59 ng

RT: 10.59 min Scan# 788

Delta R.T. -0.01 min

Lab File: BF087771.D

Acq: 7 Jun 2016 2:56

Tgt Ion: 77 Resp: 454463

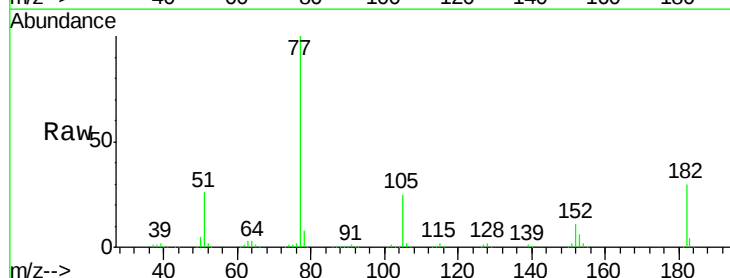
Ion Ratio Lower Upper

77 100

182 29.7 4.4 44.4

105 24.8 3.8 43.8

51 25.8 9.3 49.3

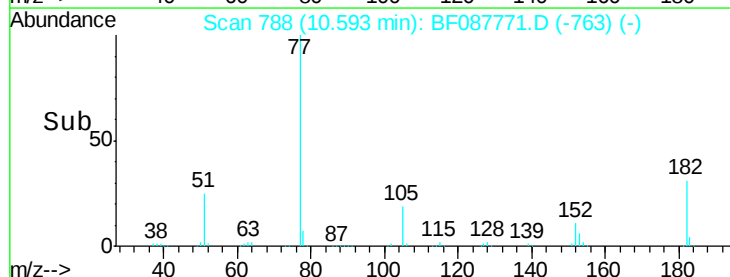
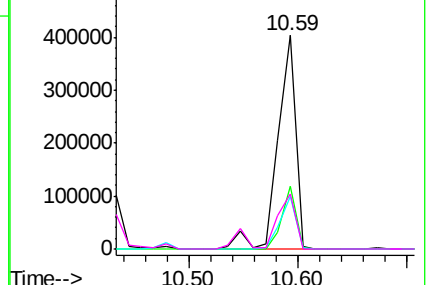


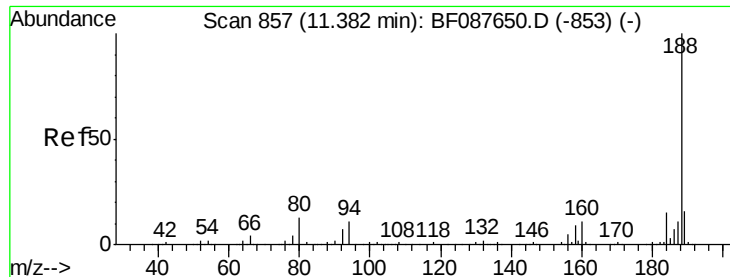
Abundance Ion 77.00 (76.70 to 77.70): BF0

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

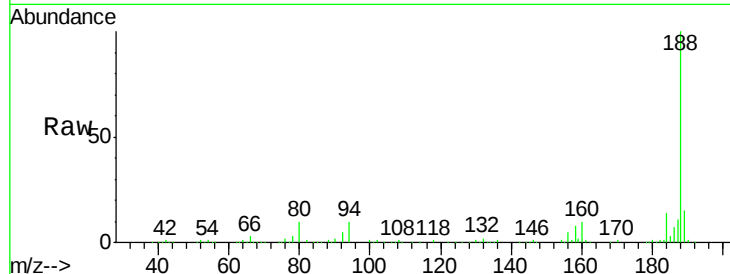




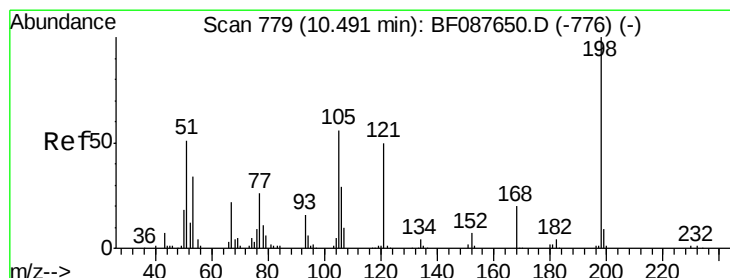
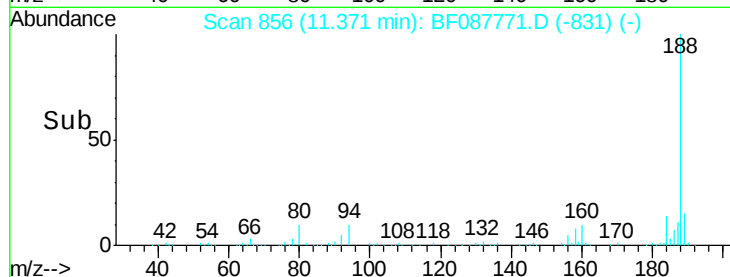
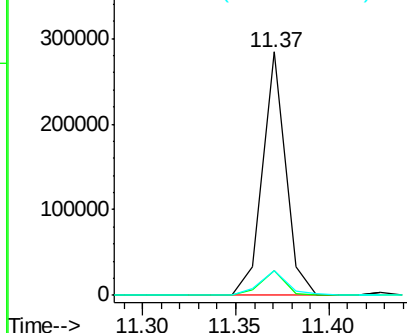
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.37 min Scan# 856
Delta R.T. -0.01 min
Lab File: BF087771.D
Acq: 7 Jun 2016 2:56

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

Tgt Ion:188 Resp: 241366
Ion Ratio Lower Upper
188 100
94 10.0 9.0 13.6
80 10.4 10.0 15.0

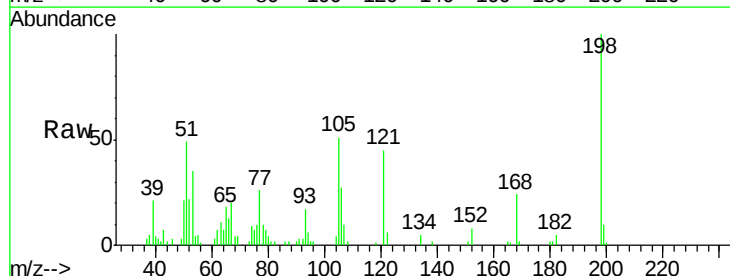


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

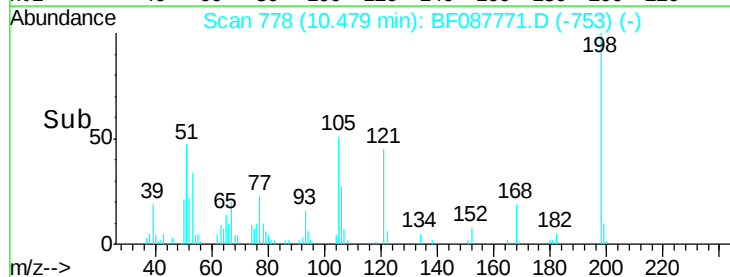
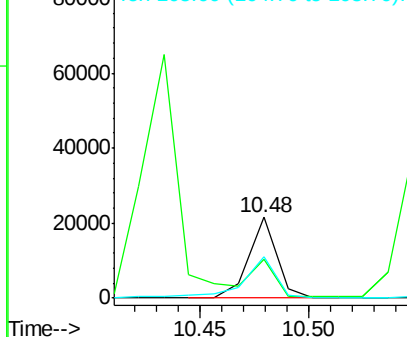


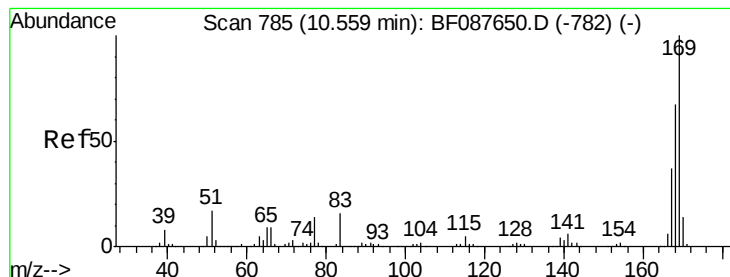
#64
4,6-Dinitro-2-methylphenol
Concen: 15.71 ng
RT: 10.48 min Scan# 778
Delta R.T. -0.01 min
Lab File: BF087771.D
Acq: 7 Jun 2016 2:56

Tgt Ion:198 Resp: 19184
Ion Ratio Lower Upper
198 100
51 48.8 39.6 79.6
105 51.2 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

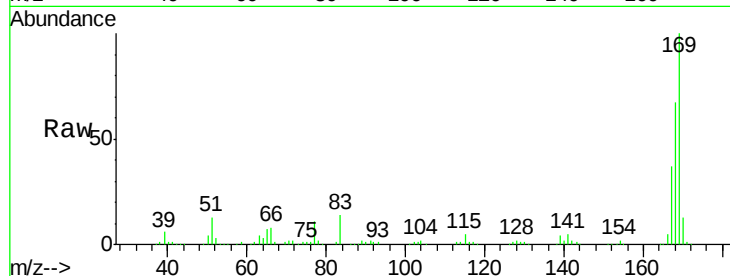




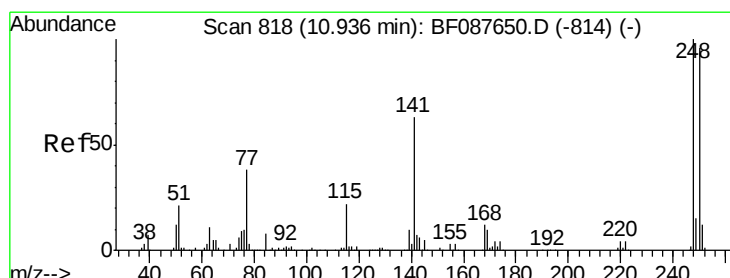
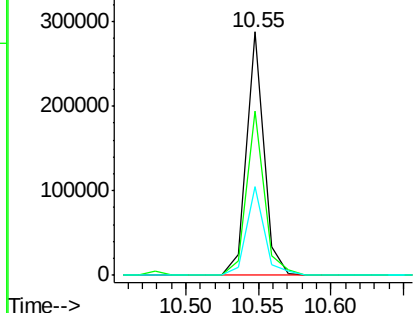
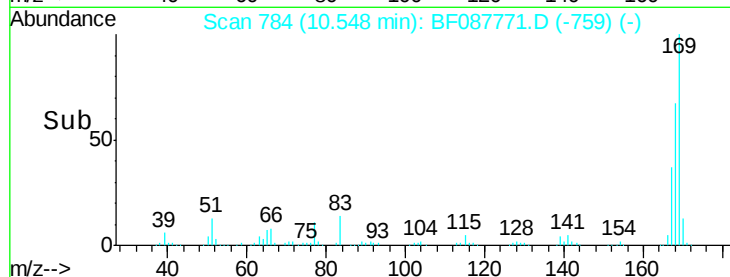
#65
 n-Nitrosodiphenylamine
 Concen: 30.30 ng
 RT: 10.55 min Scan# 784
 Delta R.T. -0.01 min
 Lab File: BF087771.D
 Acq: 7 Jun 2016 2:56

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

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	239546		
168	67.4	53.4	80.0	
167	36.5	29.4	44.0	

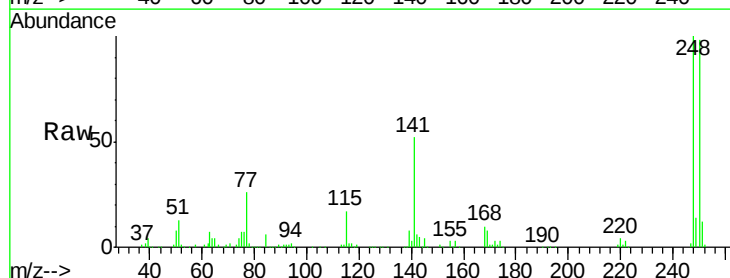


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

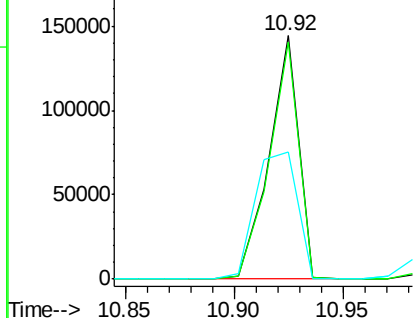
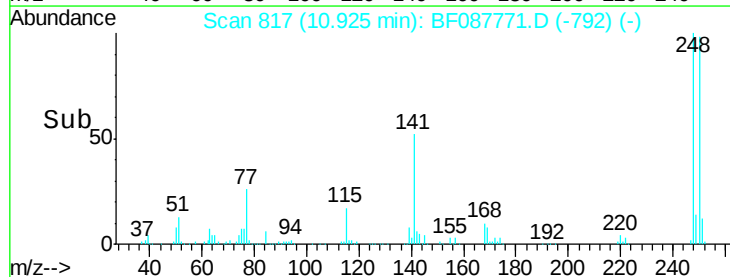


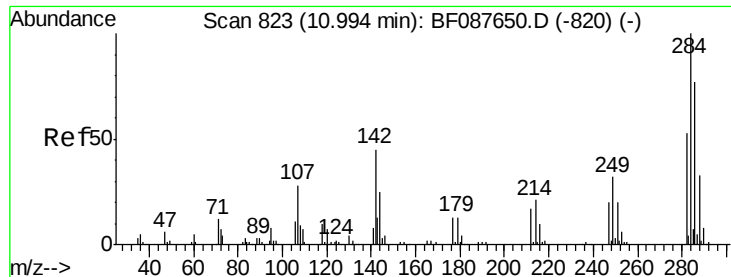
#66
 4-Bromophenyl-phenylether
 Concen: 57.60 ng
 RT: 10.92 min Scan# 817
 Delta R.T. -0.01 min
 Lab File: BF087771.D
 Acq: 7 Jun 2016 2:56

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	137848		
250	97.7	77.1	115.7	
141	52.2	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

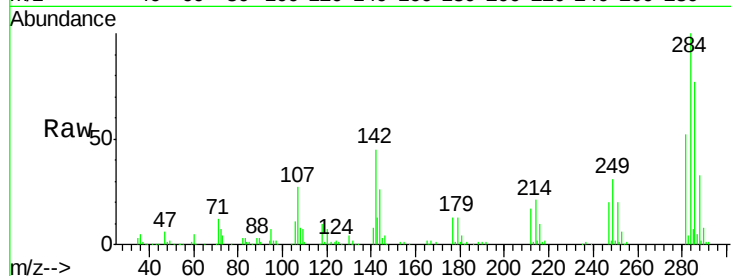




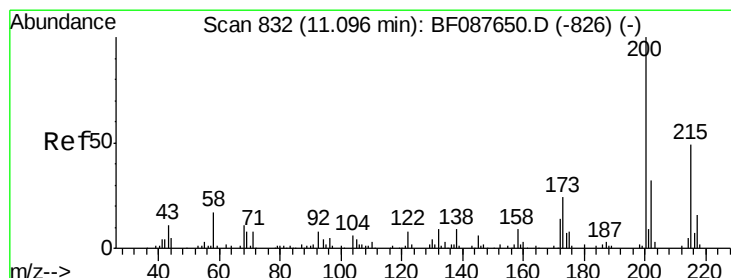
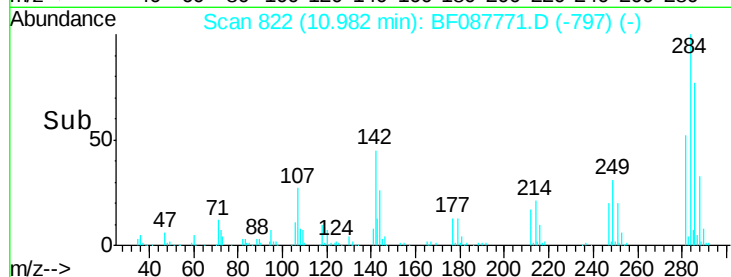
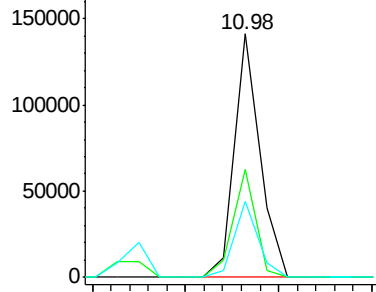
#67
Hexachlorobenzene
Concen: 49.51 ng
RT: 10.98 min Scan# 822
Delta R.T. -0.01 min
Lab File: BF087771.D
Acq: 7 Jun 2016 2:56

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

Tgt Ion	Ratio	Lower	Upper
284	100		
142	44.5	35.8	53.8
249	31.3	25.8	38.6

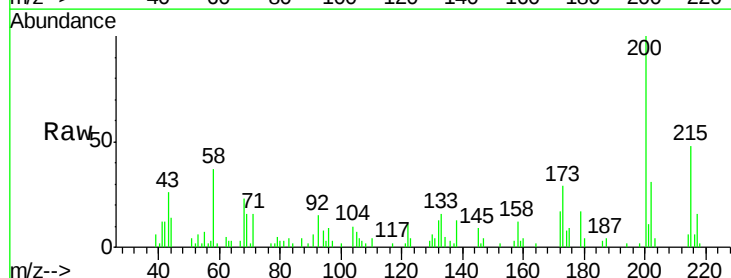


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

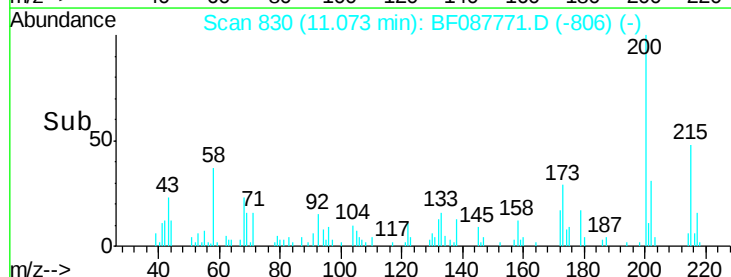
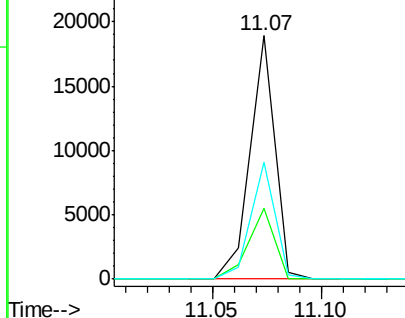


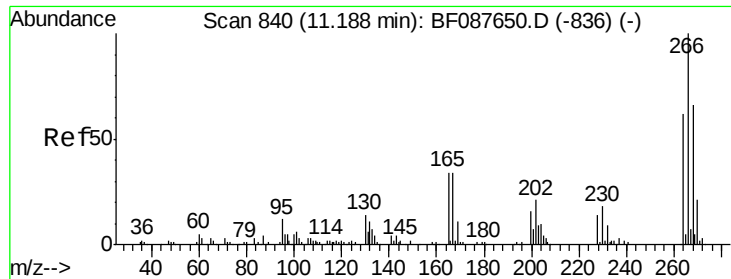
#68
Atrazine
Concen: 6.38 ng
RT: 11.07 min Scan# 830
Delta R.T. -0.02 min
Lab File: BF087771.D
Acq: 7 Jun 2016 2:56

Tgt Ion	Ratio	Lower	Upper
200	100		
173	28.9	4.0	44.0
215	48.1	29.3	69.3



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

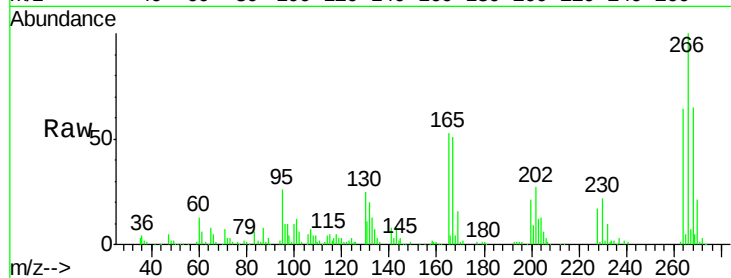




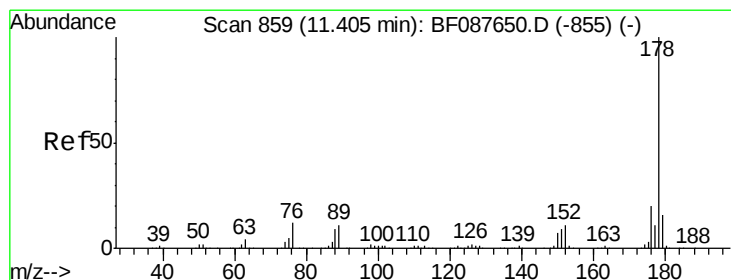
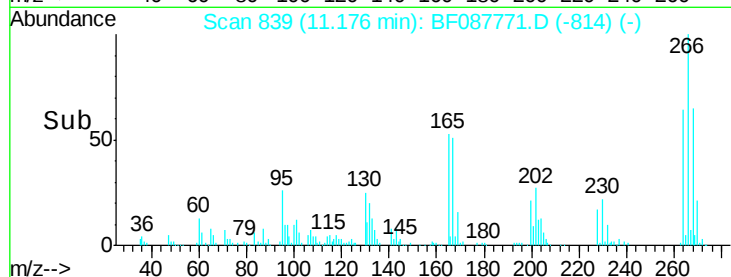
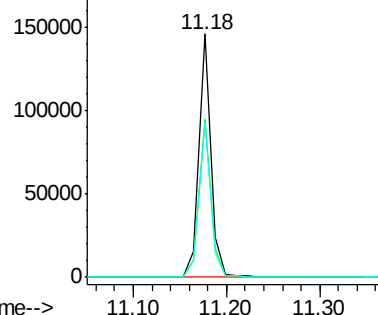
#69
 Pentachlorophenol
 Concen: 82.97 ng
 RT: 11.18 min Scan# 839
 Delta R.T. -0.01 min
 Lab File: BF087771.D
 Acq: 7 Jun 2016 2:56

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

Tgt Ion: 266 Resp: 131951
 Ion Ratio Lower Upper
 266 100
 268 65.1 52.8 79.2
 264 63.6 49.6 74.4

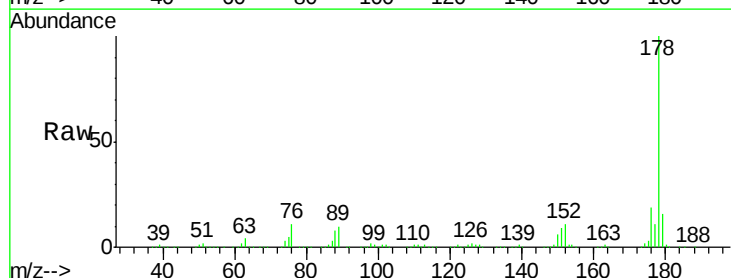


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

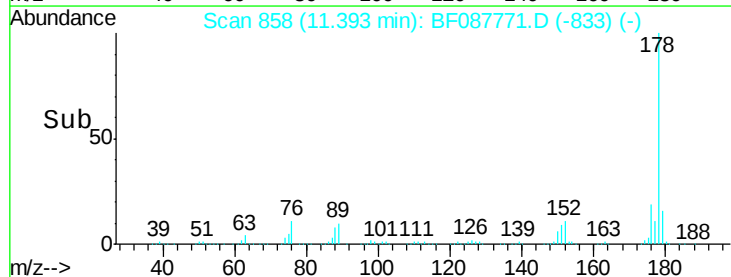
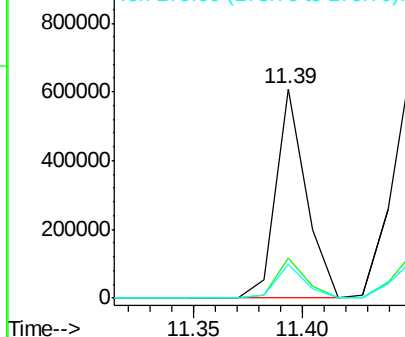


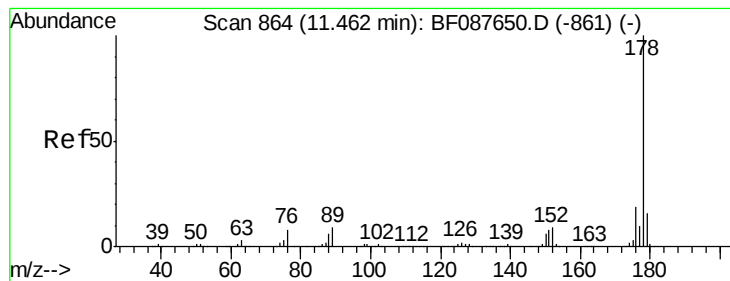
#70
 Phenanthrene
 Concen: 45.27 ng
 RT: 11.39 min Scan# 858
 Delta R.T. -0.01 min
 Lab File: BF087771.D
 Acq: 7 Jun 2016 2:56

Tgt Ion: 178 Resp: 592430
 Ion Ratio Lower Upper
 178 100
 176 19.5 15.8 23.6
 179 16.0 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: 51.58 ng

RT: 11.45 min Scan# 863

Delta R.T. -0.01 min

Lab File: BF087771.D

Acq: 7 Jun 2016 2:56

Instrument :

BNA_F

ClientSampleId :

HSR-WC-49-060116MS

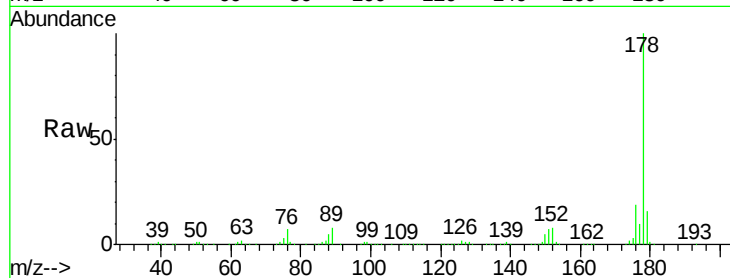
Tgt Ion:178 Resp: 676440

Ion Ratio Lower Upper

178 100

176 18.8 15.6 23.4

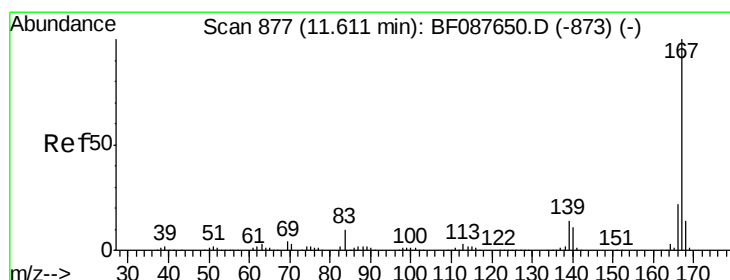
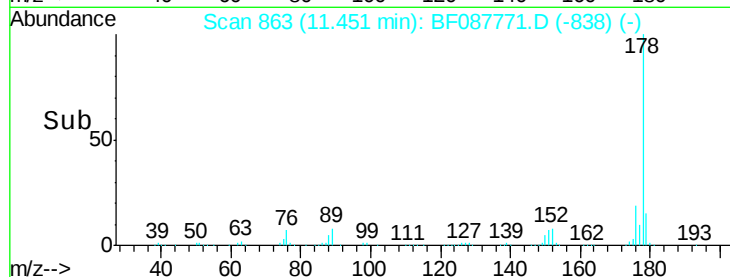
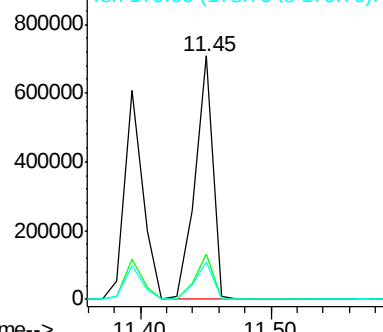
179 15.5 12.8 19.2



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: 34.40 ng

RT: 11.60 min Scan# 876

Delta R.T. -0.01 min

Lab File: BF087771.D

Acq: 7 Jun 2016 2:56

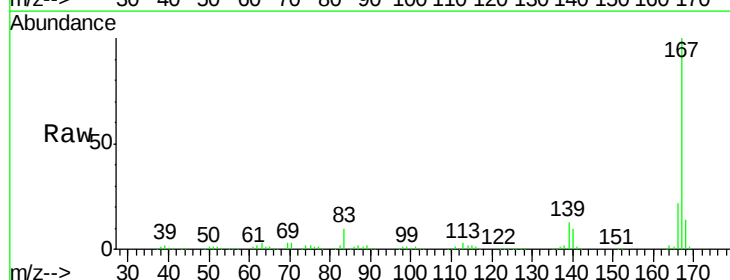
Tgt Ion:167 Resp: 427017

Ion Ratio Lower Upper

167 100

166 21.6 17.8 26.6

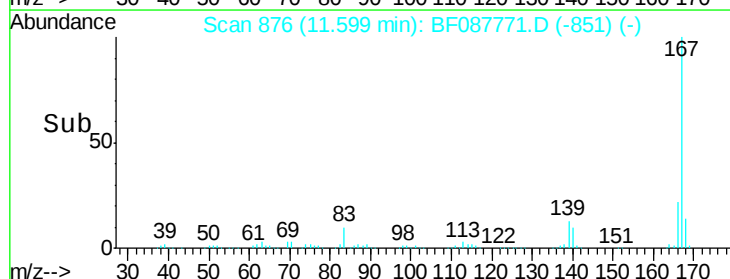
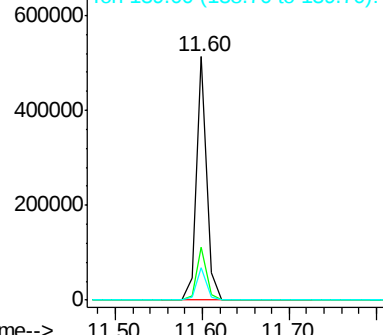
139 13.4 11.2 16.8

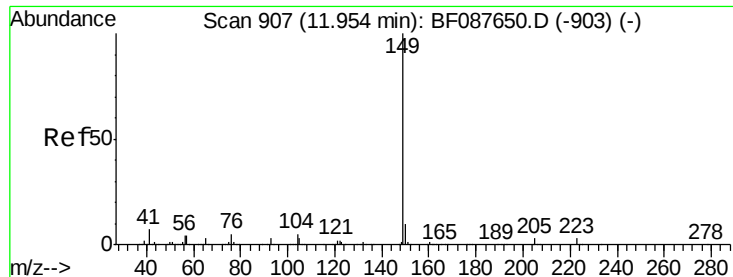


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 60.88 ng

RT: 11.94 min Scan# 906

Delta R.T. -0.01 min

Lab File: BF087771.D

Acq: 7 Jun 2016 2:56

Instrument :

BNA_F

ClientSampleId :

HSR-WC-49-060116MS

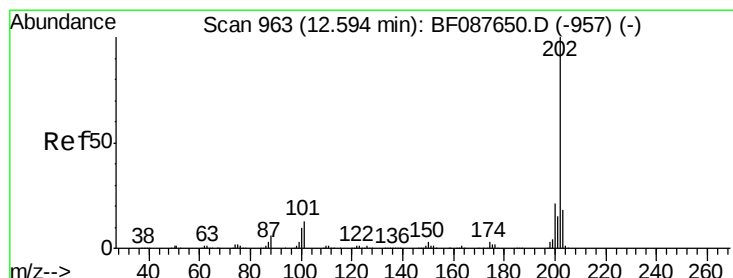
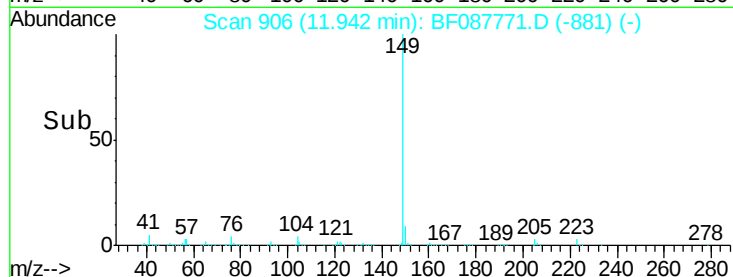
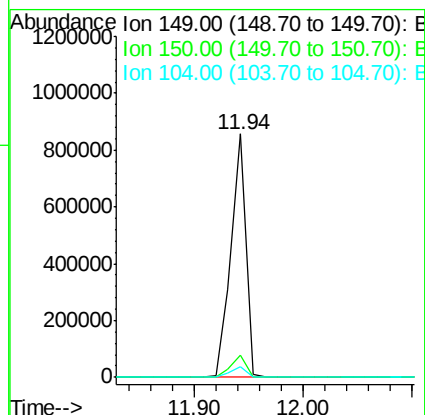
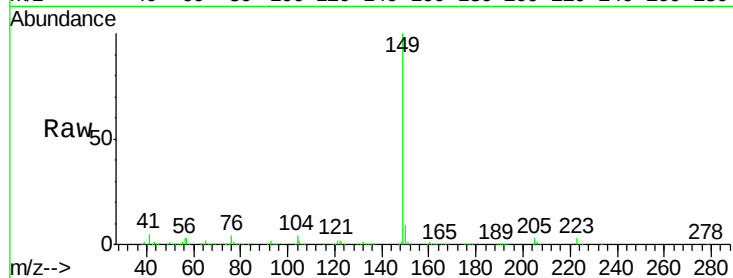
Tgt Ion:149 Resp: 810159

Ion Ratio Lower Upper

149 100

150 9.3 7.8 11.6

104 4.3 4.0 6.0



#74

Fluoranthene

Concen: 50.40 ng

RT: 12.58 min Scan# 962

Delta R.T. -0.01 min

Lab File: BF087771.D

Acq: 7 Jun 2016 2:56

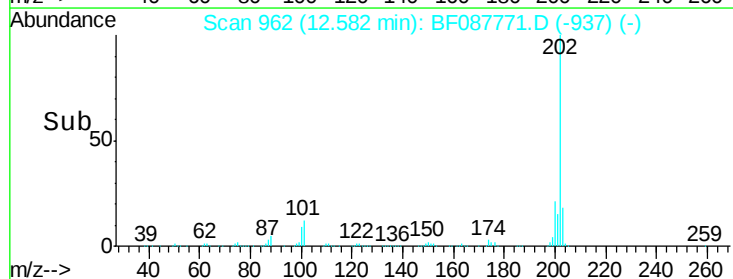
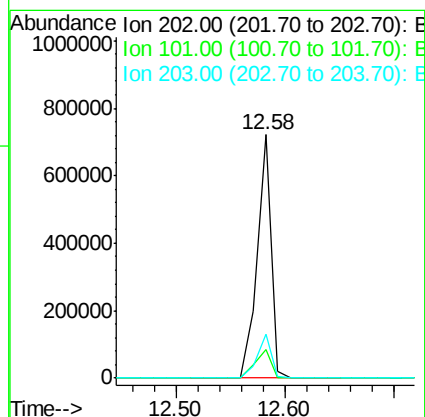
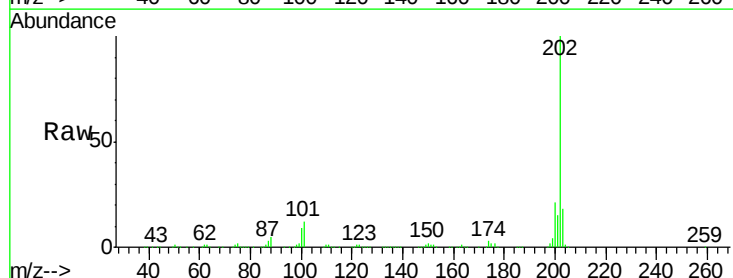
Tgt Ion:202 Resp: 649113

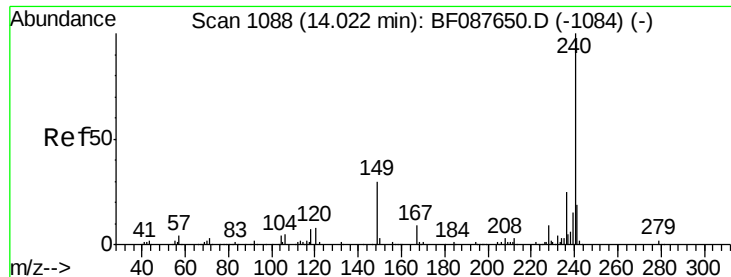
Ion Ratio Lower Upper

202 100

101 11.6 0.0 33.1

203 17.9 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: BF087771.D

Acq: 7 Jun 2016 2:56

Instrument :

BNA_F

ClientSampleId :

HSR-WC-49-060116MS

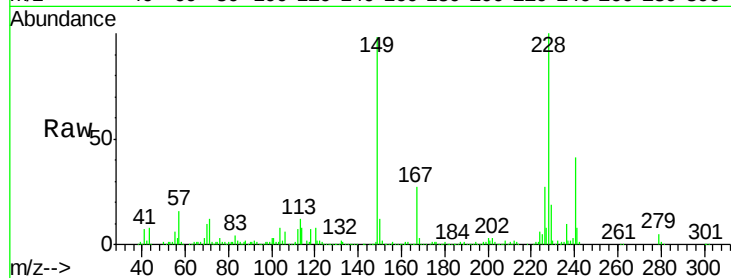
Tgt Ion:240 Resp: 159130

Ion Ratio Lower Upper

240 100

120 20.3 6.8 10.2#

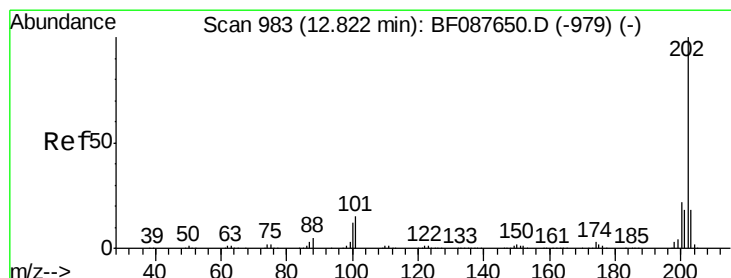
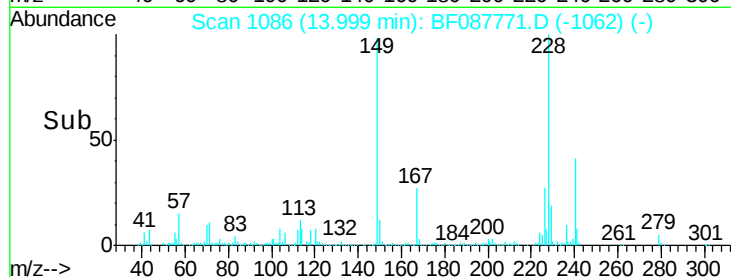
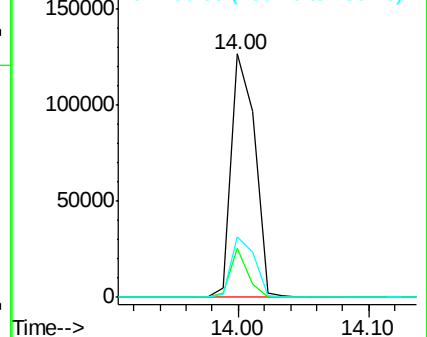
236 24.8 20.2 30.2



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#77

Pyrene

Concen: 58.52 ng

RT: 12.81 min Scan# 982

Delta R.T. -0.01 min

Lab File: BF087771.D

Acq: 7 Jun 2016 2:56

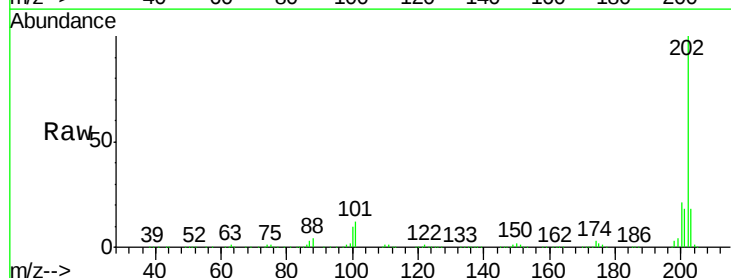
Tgt Ion:202 Resp: 663127

Ion Ratio Lower Upper

202 100

200 21.4 17.4 26.2

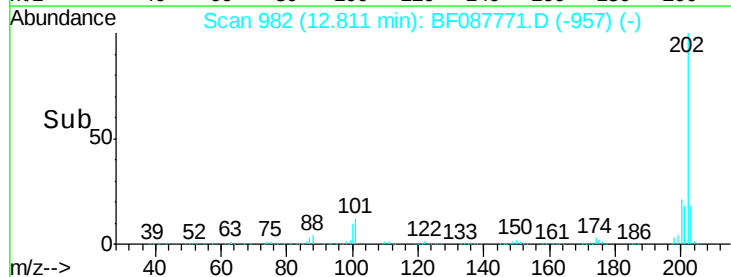
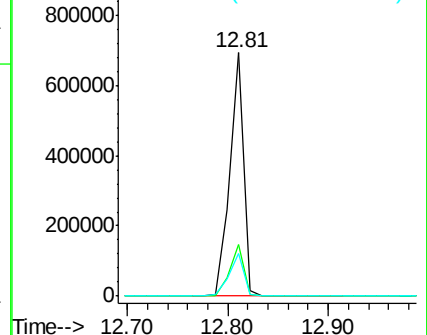
203 17.8 14.5 21.7

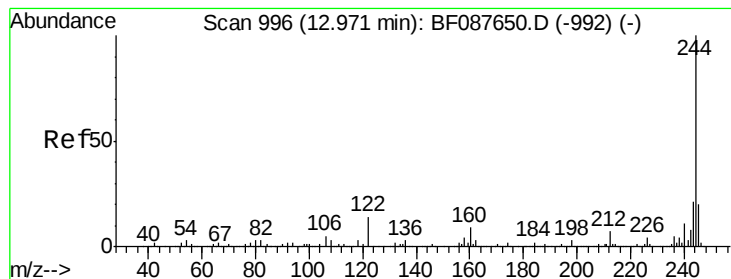


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 118.91 ng

RT: 12.96 min Scan# 995

Delta R.T. -0.01 min

Lab File: BF087771.D

Acq: 7 Jun 2016 2:56

Instrument :

BNA_F

ClientSampleId :

HSR-WC-49-060116MS

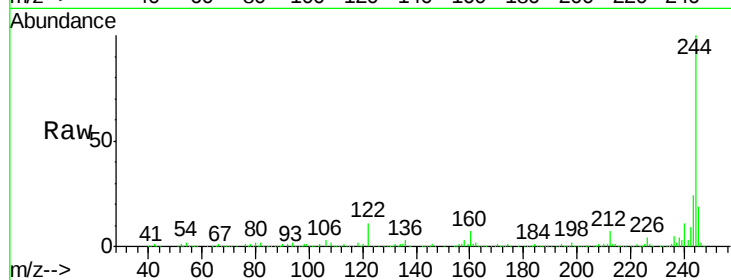
Tgt Ion:244 Resp: 775481

Ion Ratio Lower Upper

244 100

212 7.0 6.0 9.0

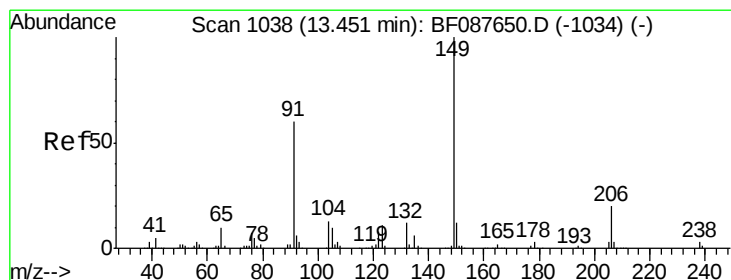
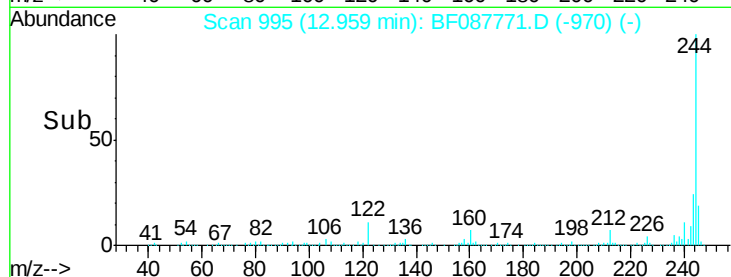
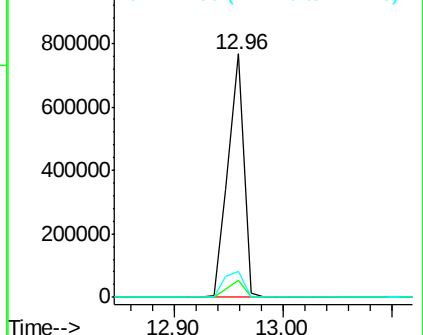
122 10.5 11.2 16.8#



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: 62.56 ng

RT: 13.43 min Scan# 1036

Delta R.T. -0.02 min

Lab File: BF087771.D

Acq: 7 Jun 2016 2:56

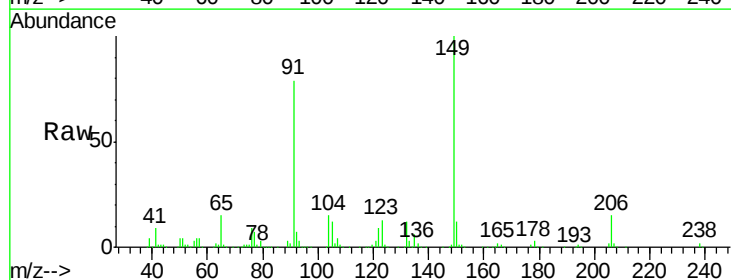
Tgt Ion:149 Resp: 301677

Ion Ratio Lower Upper

149 100

91 79.4 48.0 72.0#

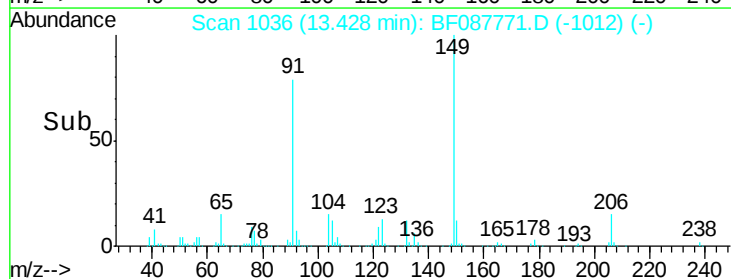
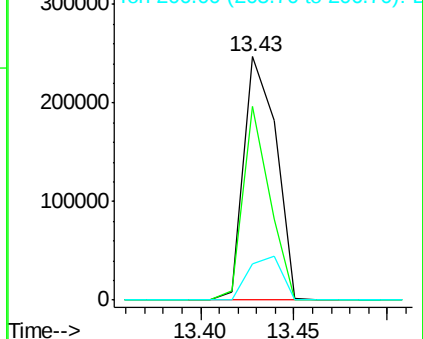
206 15.1 16.0 24.0#

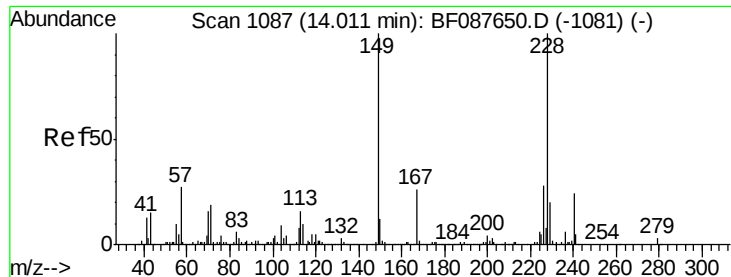


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E





#80

Benzo(a)anthracene

Concen: 53.65 ng

RT: 13.99 min Scan# 1085

Delta R.T. -0.02 min

Lab File: BF087771.D

Acq: 7 Jun 2016 2:56

Instrument :

BNA_F

ClientSampleId :

HSR-WC-49-060116MS

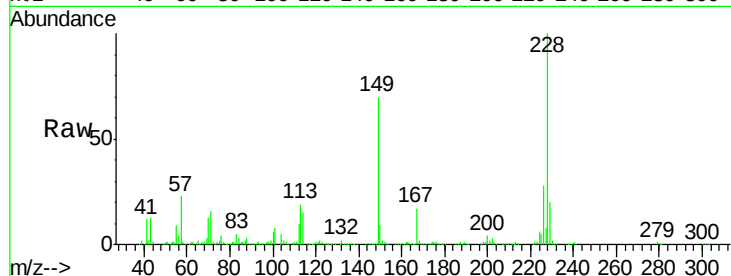
Tgt Ion:228 Resp: 492687

Ion Ratio Lower Upper

228 100

226 27.7 22.3 33.5

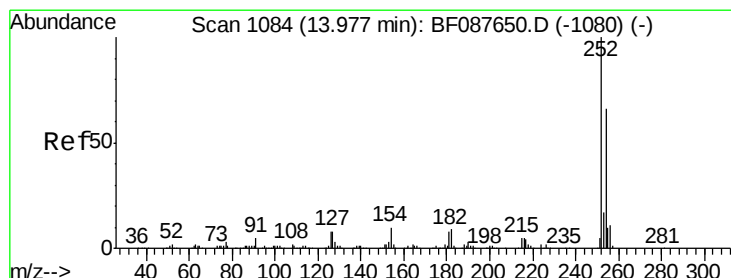
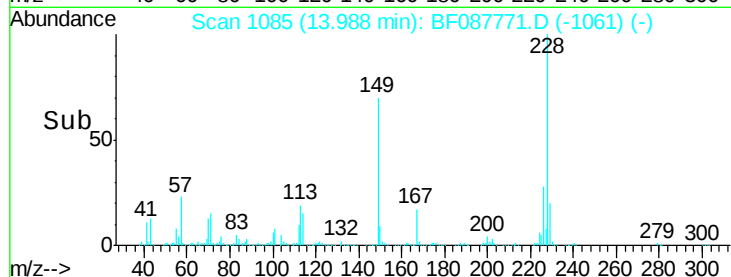
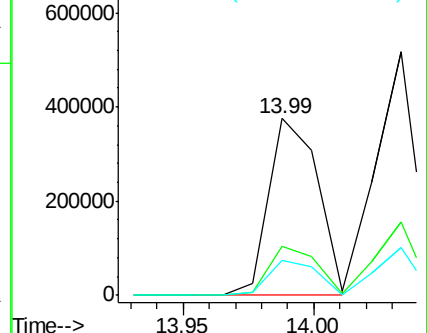
229 20.1 16.0 24.0



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: 3.20 ng

RT: 13.95 min Scan# 1082

Delta R.T. -0.02 min

Lab File: BF087771.D

Acq: 7 Jun 2016 2:56

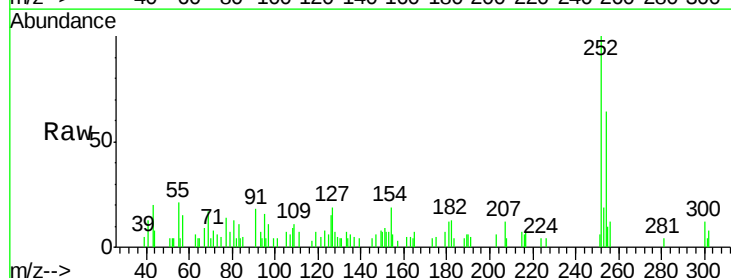
Tgt Ion:252 Resp: 8280

Ion Ratio Lower Upper

252 100

254 63.7 52.6 78.8

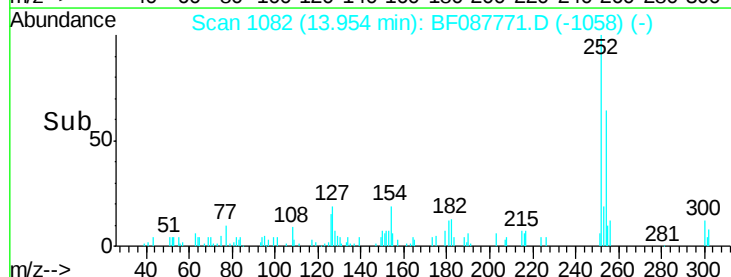
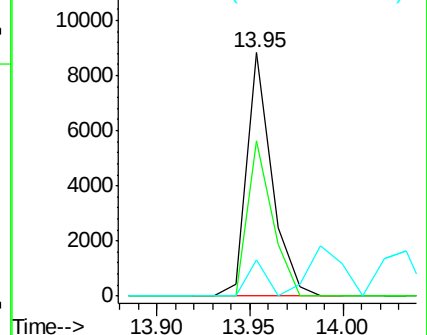
126 15.1 6.2 9.2#

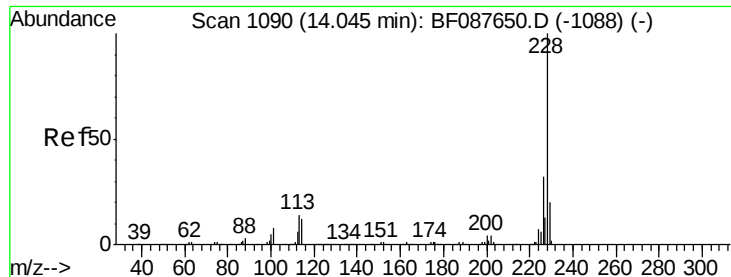


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#82

Chrysene

Concen: 58.71 ng

RT: 14.03 min Scan# 1089

Delta R.T. -0.01 min

Lab File: BF087771.D

Acq: 7 Jun 2016 2:56

Instrument :

BNA_F

ClientSampleId :

HSR-WC-49-060116MS

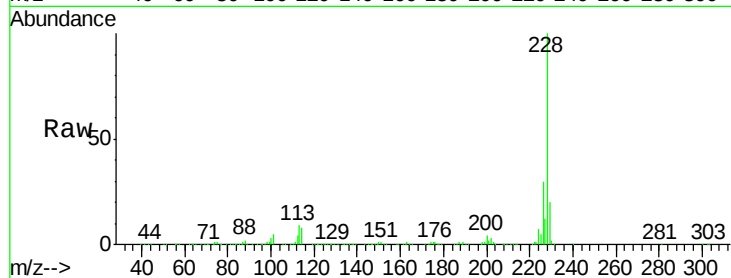
Tgt Ion:228 Resp: 536654

Ion Ratio Lower Upper

228 100

226 30.0 25.4 38.2

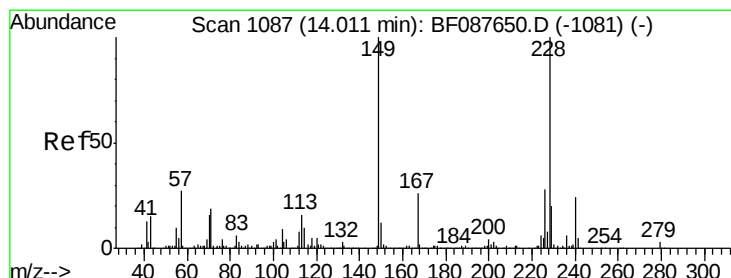
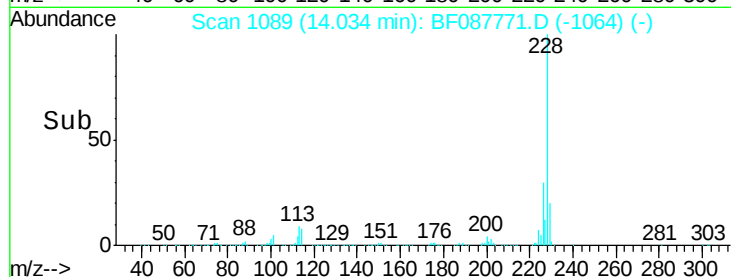
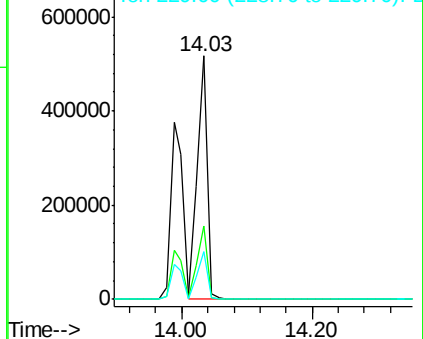
229 19.7 16.3 24.5



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: 68.99 ng

RT: 14.00 min Scan# 1086

Delta R.T. -0.01 min

Lab File: BF087771.D

Acq: 7 Jun 2016 2:56

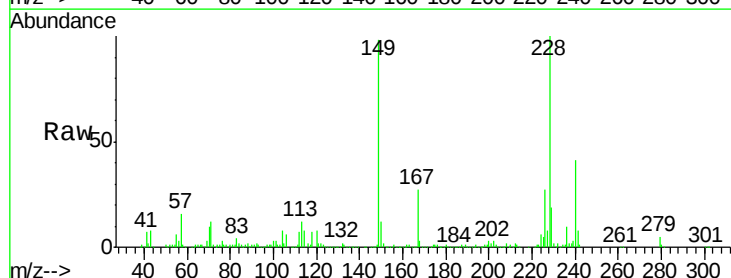
Tgt Ion:149 Resp: 395908

Ion Ratio Lower Upper

149 100

167 27.8 20.5 30.7

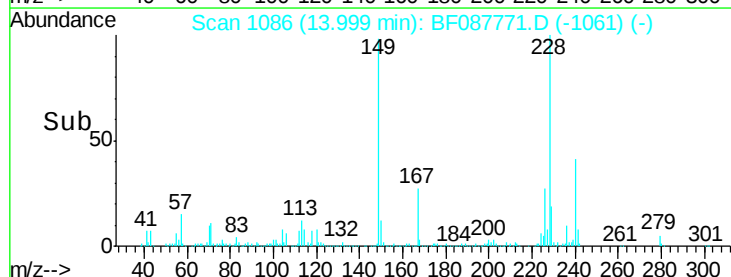
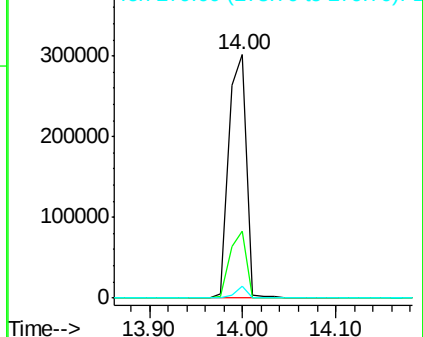
279 4.8 2.0 3.0#

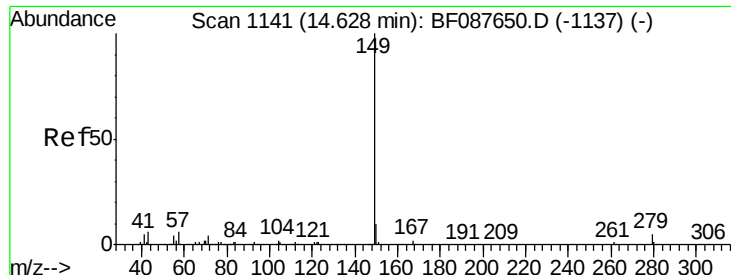


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

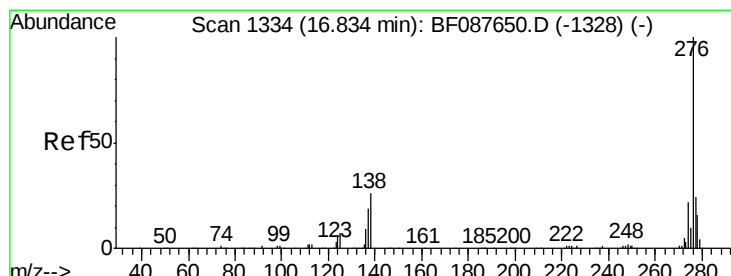
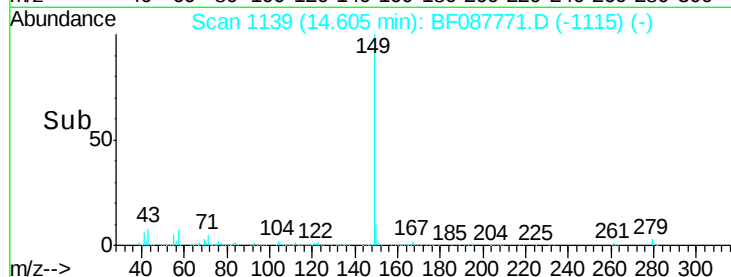
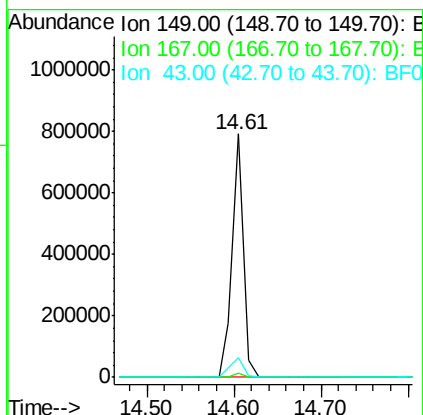
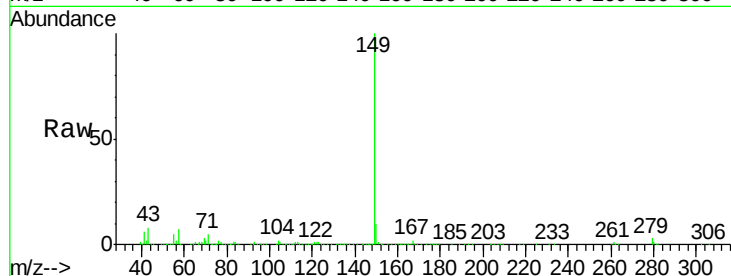




#84
Di-n-octyl phthalate
Concen: 66.29 ng
RT: 14.61 min Scan# 1139
Delta R.T. -0.02 min
Lab File: BF087771.D
Acq: 7 Jun 2016 2:56

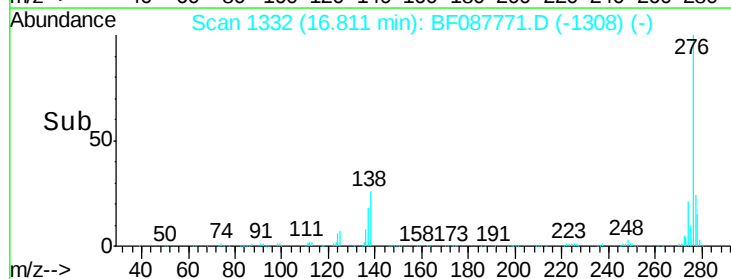
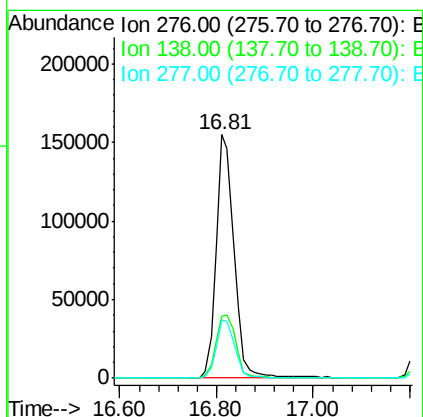
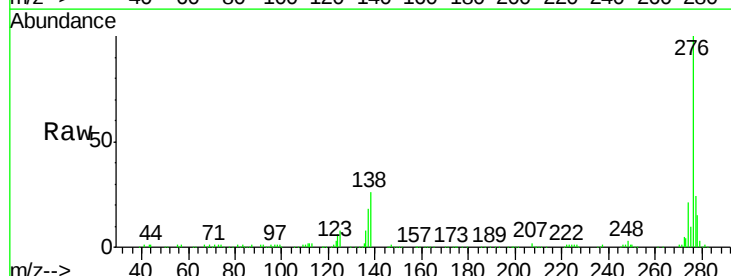
Instrument :
BNA_F
ClientSampleId :
HSR-WC-49-060116MS

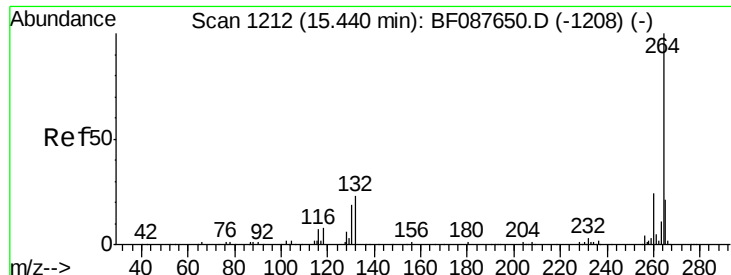
Tgt Ion	Ratio	Lower	Upper
149	100		
167	2.0	0.0	0.0#
43	9.1	0.0	0.0#



#85
Indeno(1,2,3-cd)pyrene
Concen: 53.54 ng
RT: 16.81 min Scan# 1332
Delta R.T. -0.02 min
Lab File: BF087771.D
Acq: 7 Jun 2016 2:56

Tgt Ion	Ratio	Lower	Upper
276	100		
138	29.8	0.0	0.0#
277	25.1	0.0	0.0#

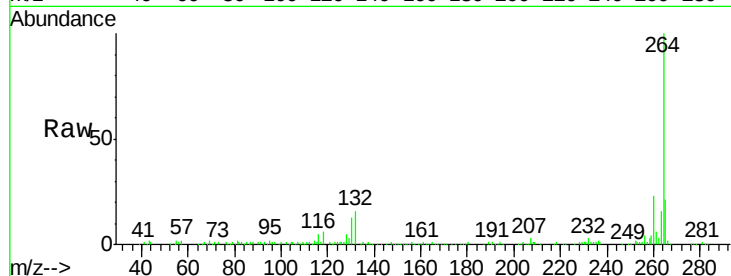




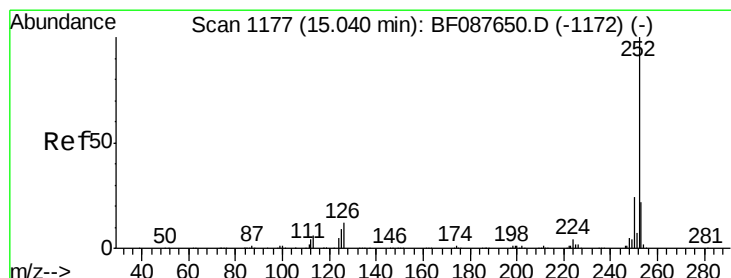
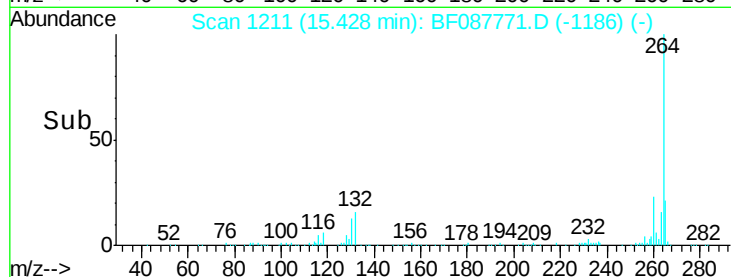
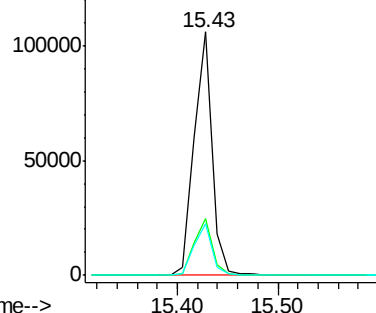
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.43 min Scan# 1211
Delta R.T. -0.01 min
Lab File: BF087771.D
Acq: 7 Jun 2016 2:56

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

Tgt Ion: 264 Resp: 131474
Ion Ratio Lower Upper
264 100
260 23.5 19.2 28.8
265 21.1 16.9 25.3

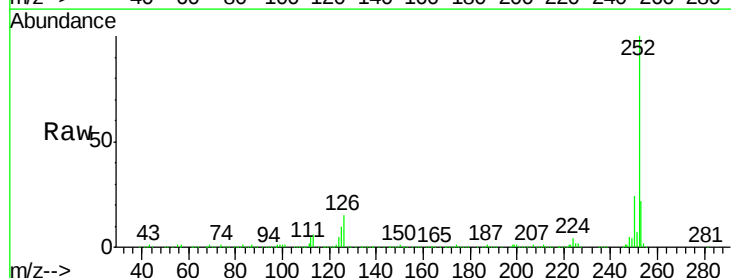


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

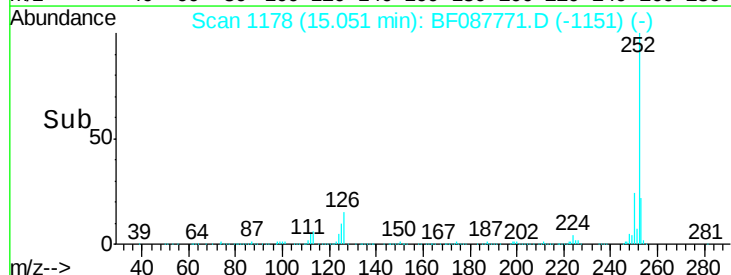
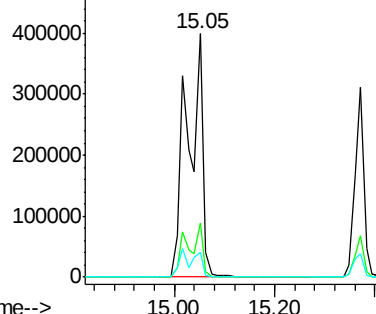


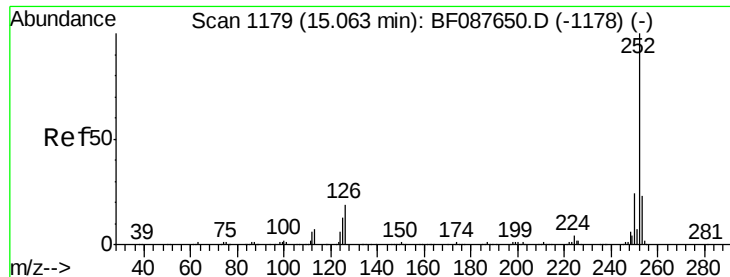
#87
Benzo(b)fluoranthene
Concen: 99.79 ng
RT: 15.05 min Scan# 1178
Delta R.T. 0.01 min
Lab File: BF087771.D
Acq: 7 Jun 2016 2:56

Tgt Ion: 252 Resp: 853438
Ion Ratio Lower Upper
252 100
253 22.4 17.4 26.2
125 10.4 7.1 10.7



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

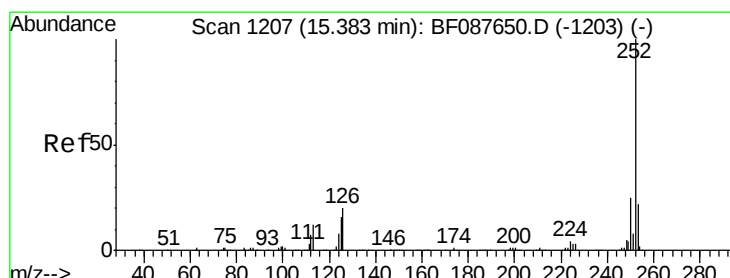
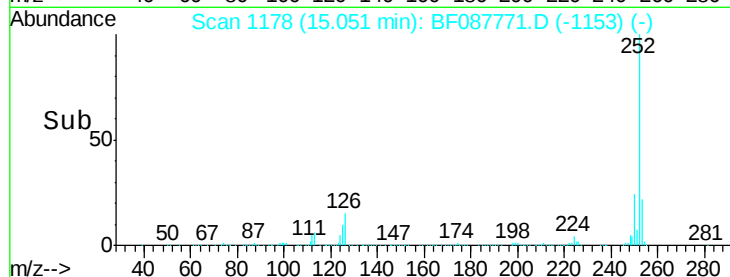
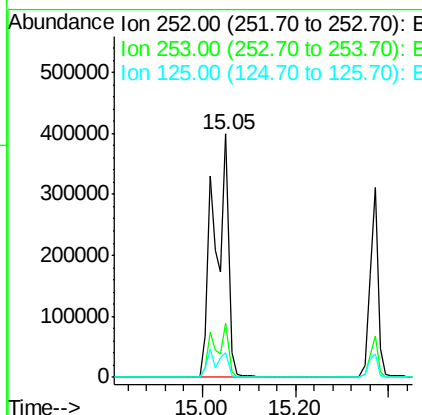
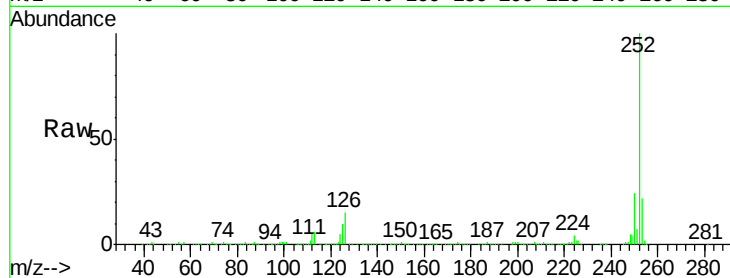




#88
Benzo(k)fluoranthene
Concen: 120.00 ng
RT: 15.05 min Scan# 1178
Delta R.T. -0.01 min
Lab File: BF087771.D
Acq: 7 Jun 2016 2:56

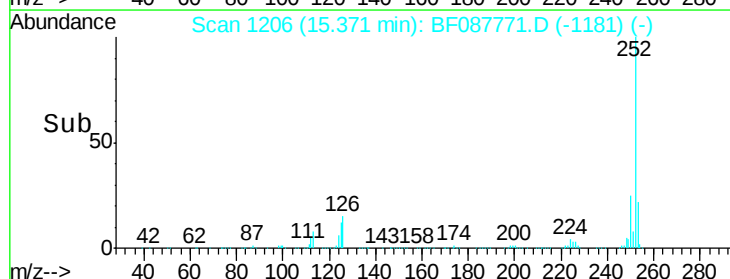
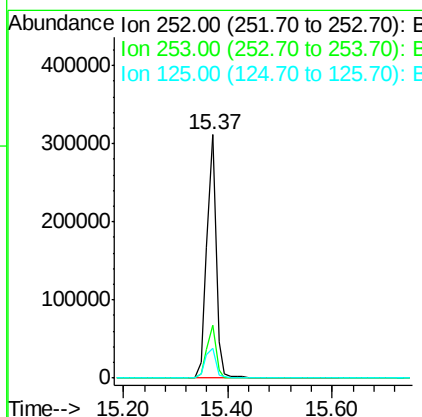
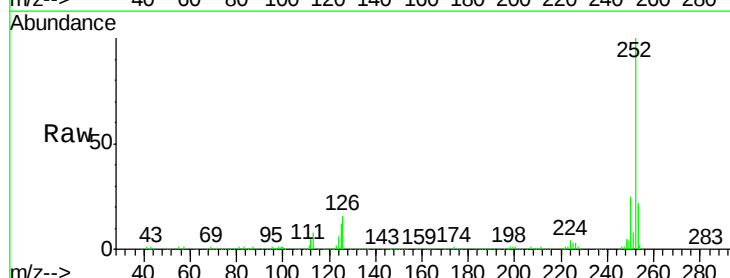
Instrument :
BNA_F
ClientSampleId :
HSR-WC-49-060116MS

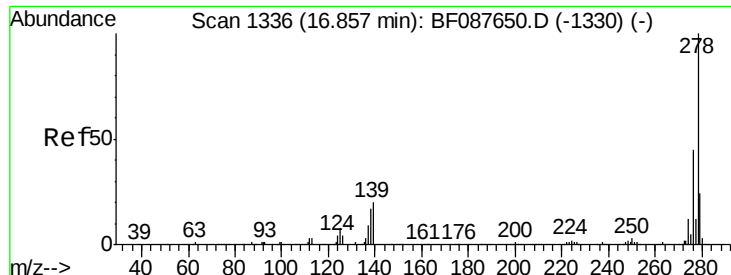
Tgt Ion:252 Resp: 853872
Ion Ratio Lower Upper
252 100
253 22.4 18.0 27.0
125 10.4 11.2 16.8#



#89
Benzo(a)pyrene
Concen: 53.46 ng
RT: 15.37 min Scan# 1206
Delta R.T. -0.01 min
Lab File: BF087771.D
Acq: 7 Jun 2016 2:56

Tgt Ion:252 Resp: 384354
Ion Ratio Lower Upper
252 100
253 22.0 17.9 26.9
125 12.1 12.5 18.7#





#90

Dibenzo(a,h)anthracene

Concen: 57.21 ng

RT: 16.83 min Scan# 1334

Delta R.T. -0.02 min

Lab File: BF087771.D

Acq: 7 Jun 2016 2:56

Instrument :

BNA_F

ClientSampleId :

HSR-WC-49-060116MS

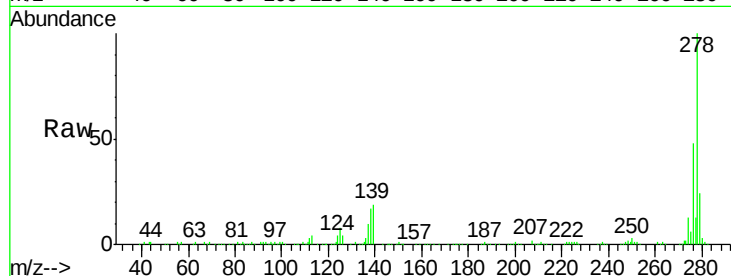
Tgt Ion: 278 Resp: 350040

Ion Ratio Lower Upper

278 100

139 19.2 15.7 23.5

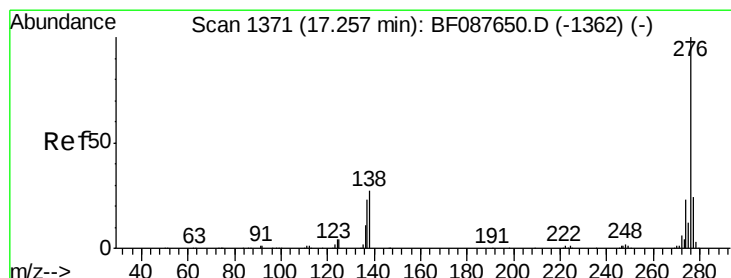
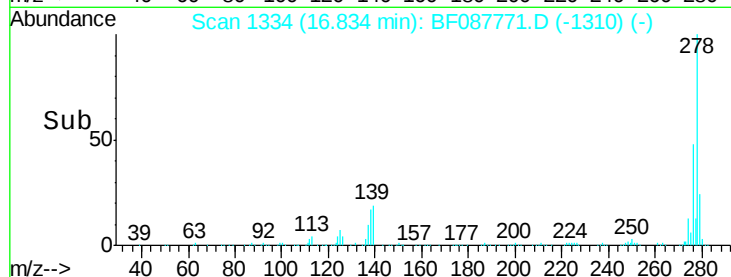
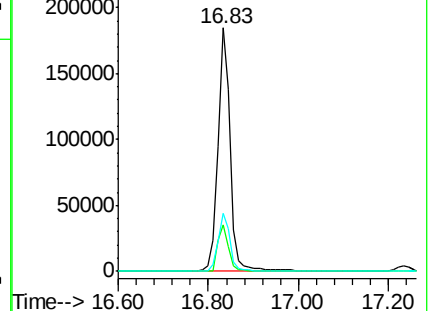
279 23.7 19.4 29.2



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: 52.95 ng

RT: 17.23 min Scan# 1369

Delta R.T. -0.02 min

Lab File: BF087771.D

Acq: 7 Jun 2016 2:56

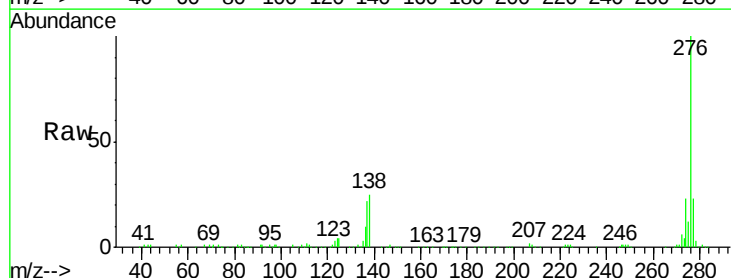
Tgt Ion: 276 Resp: 326857

Ion Ratio Lower Upper

276 100

277 23.3 18.9 28.3

138 25.0 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

