

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062416\
 Data File : BF088362.D
 Acq On : 25 Jun 2016 6:46
 Operator : UM/SJ
 Sample : H3731-01MS
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-55-062216MS

Quant Time: Jun 27 01:50:07 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 22 14:55:14 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.58	152	72642	20.00	ng	-0.02
21) Naphthalene-d8	7.87	136	283927	20.00	ng	-0.02
38) Acenaphthene-d10	9.61	164	119434	20.00	ng	-0.03
63) Phenanthrene-d10	11.10	188	188808	20.00	ng	-0.02
75) Chrysene-d12	13.71	240	146394	20.00	ng	-0.03
86) Perylene-d12	15.07	264	116525	20.00	ng	-0.03

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.19	112	497928	117.18	ng	0.01
7) Phenol-d6	6.26	99	607108	117.89	ng	0.00
23) Nitrobenzene-d5	7.16	82	422945	86.99	ng	-0.01
41) 2,4,6-Tribromophenol	10.41	330	140565	111.46	ng	-0.02
44) 2-Fluorobiphenyl	8.95	172	729845	96.76	ng	-0.02
78) Terphenyl-d14	12.67	244	537693	83.58	ng	-0.02

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.17	88	63420	30.72	ng	# 87
3) Pyridine	2.86	79	25517	5.23	ng	95
4) n-Nitrosodimethylamine	2.73	42	28332	13.72	ng	# 84
6) Aniline	6.28	93	34606	4.72	ng	# 1
8) 2-Chlorophenol	6.38	128	106204	21.12	ng	92
9) Benzaldehyde	6.14	77	50636	12.11	ng	99
10) Phenol	6.27	94	113249	19.91	ng	93
11) bis(2-Chloroethyl)ether	6.33	93	107439	23.79	ng	87
12) 1,3-Dichlorobenzene	6.75	146	94542	17.52	ng	97
13) 1,4-Dichlorobenzene	6.60	146	108752	20.01	ng	96
14) 1,2-Dichlorobenzene	6.75	146	111184	22.49	ng	95
15) Benzyl Alcohol	6.75	79	76775	19.06	ng	98
16) 2,2'-oxybis(1-Chloropropan	6.88	45	111658	18.30	ng	# 25
17) 2-Methylphenol	6.88	107	73091	17.92	ng	# 85
18) Hexachloroethane	7.08	117	34539	17.91	ng	# 82
19) n-Nitroso-di-n-propylamine	7.02	70	74073	22.48	ng	# 82
20) 3+4-Methylphenols	7.04	107	95208	20.01	ng	# 81
22) Acetophenone	7.00	105	155427	24.50	ng	# 97
24) Nitrobenzene	7.18	77	98650	20.95	ng	87
25) Isophorone	7.42	82	196157	21.78	ng	99
26) 2-Nitrophenol	7.50	139	55884	22.15	ng	# 85
27) 2,4-Dimethylphenol	7.55	122	93897	20.21	ng	97
28) bis(2-Chloroethoxy)methane	7.63	93	126202	22.59	ng	# 95
29) 2,4-Dichlorophenol	7.75	162	87044	22.44	ng	98
30) 1,2,4-Trichlorobenzene	7.82	180	89851	21.28	ng	99
31) Naphthalene	7.90	128	338935	24.12	ng	98
32) Benzoic acid	7.70	122	36101	14.11	ng	92
33) 4-Chloroaniline	7.96	127	45029	7.18	ng	97
34) Hexachlorobutadiene	8.01	225	47700	21.42	ng	99
35) Caprolactam	8.33	113	21245	16.54	ng	# 67
36) 4-Chloro-3-methylphenol	8.46	107	88352	21.30	ng	92
37) 2-Methylnaphthalene	8.58	142	210491	22.73	ng	97
39) 1,2,4,5-Tetrachlorobenzene	8.75	216	83201	22.75	ng	# 1
42) 2,4,6-Trichlorophenol	8.88	196	50357	21.08	ng	98

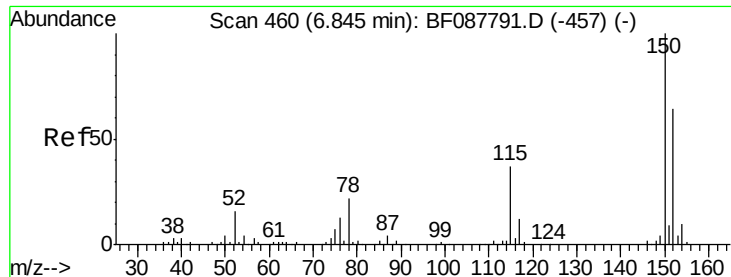
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	8.92	196	56875	22.89	ng	# 94
45) 1,1'-Biphenyl	9.05	154	249191	25.05	ng	96
46) 2-Chloronaphthalene	9.07	162	192048	24.85	ng	93
47) 2-Nitroaniline	9.19	65	50320	22.07	ng	# 62
48) Acenaphthylene	9.47	152	281659	22.91	ng	99
49) Dimethylphthalate	9.36	163	224411	25.94	ng	98
50) 2,6-Dinitrotoluene	9.42	165	45864	23.15	ng	# 59
51) Acenaphthene	9.64	154	167685	21.87	ng	99
52) 3-Nitroaniline	9.60	138	28925	12.65	ng	85
53) 2,4-Dinitrophenol	9.72	184	15599	19.66	ng	87
54) Dibenzofuran	9.82	168	248391	23.52	ng	# 80
55) 4-Nitrophenol	9.82	139	165879	93.48	ng	# 19
56) 2,4-Dinitrotoluene	9.83	165	58718	23.06	ng	# 71
57) Fluorene	10.16	166	197782	25.63	ng	98
58) 2,3,4,6-Tetrachlorophenol	9.95	232	46880	24.01	ng	# 61
59) Diethylphthalate	10.04	149	210934	24.09	ng	96
60) 4-Chlorophenyl-phenylether	10.16	204	89086	25.36	ng	97
61) 4-Nitroaniline	10.20	138	40756	18.79	ng	95
62) Azobenzene	10.32	77	203986	23.55	ng	94
64) 4,6-Dinitro-2-methylphenol	10.24	198	8632	9.16	ng	83
65) n-Nitrosodiphenylamine	10.28	169	175535	28.02	ng	99
66) 4-Bromophenyl-phenylether	10.64	248	52258	25.80	ng	# 77
67) Hexachlorobenzene	10.71	284	51322	24.39	ng	# 82
68) Atrazine	10.81	200	42063	22.17	ng	90
69) Pentachlorophenol	10.91	266	57701	52.01	ng	97
70) Phenanthrene	11.12	178	237875	24.01	ng	98
71) Anthracene	11.16	178	266910	26.71	ng	98
72) Carbazole	11.34	167	228782	24.46	ng	97
73) Di-n-butylphthalate	11.67	149	315737	26.67	ng	# 98
74) Fluoranthene	12.30	202	237649	22.73	ng	98
76) Benzidine	12.43	184	60115	14.83	ng	99
77) Pyrene	12.52	202	235655	21.69	ng	97
79) Butylbenzylphthalate	13.15	149	112014	23.32	ng	90
80) Benzo(a)anthracene	13.70	228	196281	23.53	ng	98
81) 3,3'-Dichlorobenzidine	13.68	252	66198	29.51	ng	# 97
82) Chrysene	13.75	228	209533	26.70	ng	96
83) Bis(2-ethylhexyl)phthalate	13.71	149	145935	24.96	ng	# 97
84) Di-n-octyl phthalate	14.32	149	283786	29.87	ng	# 100
85) Indeno(1,2,3-cd)pyrene	16.32	276	144554	19.82	ng	# 100
87) Benzo(b)fluoranthene	14.71	252	355207	43.74	ng	# 96
88) Benzo(k)fluoranthene	14.71	252	355207	57.98	ng	98
89) Benzo(a)pyrene	15.03	252	158058	24.05	ng	# 94
90) Dibenzo(a,h)anthracene	16.32	278	121476	19.90	ng	97
91) Benzo(g,h,i)perylene	16.70	276	115068	18.33	ng	97

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.58 min Scan# 437

Delta R.T. -0.02 min

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HSR-WC-55-062216MS

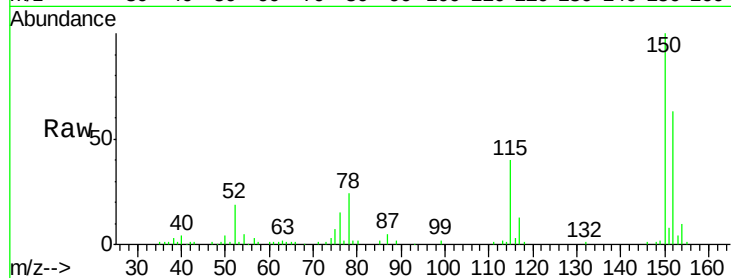
Tgt Ion:152 Resp: 72642

Ion Ratio Lower Upper

152 100

150 159.4 123.8 185.6

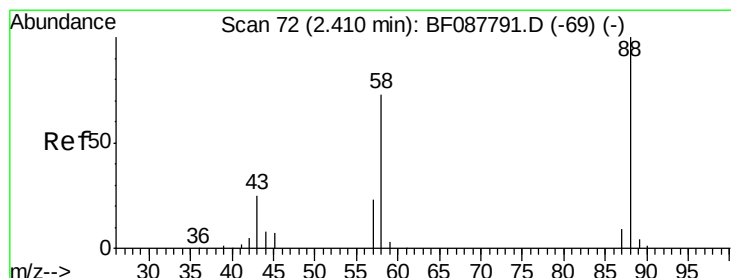
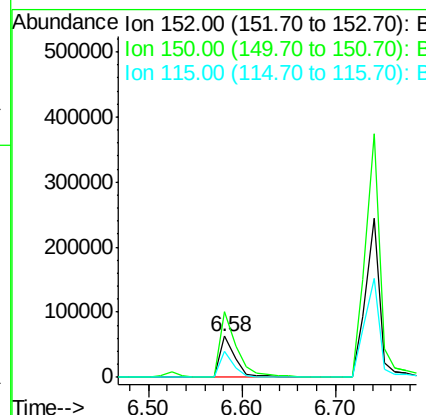
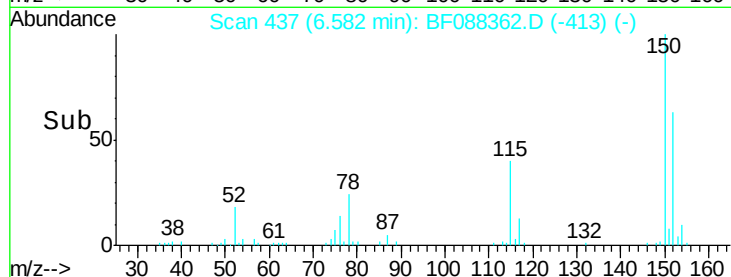
115 63.6 39.6 59.4#



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: 30.72 ng

RT: 2.17 min Scan# 51

Delta R.T. 0.15 min

Lab File: BF088362.D

Acq: 25 Jun 2016 6:46

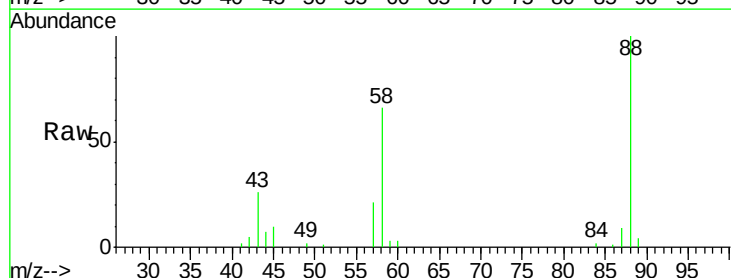
Tgt Ion: 88 Resp: 63420

Ion Ratio Lower Upper

88 100

58 73.7 0.0 0.0#

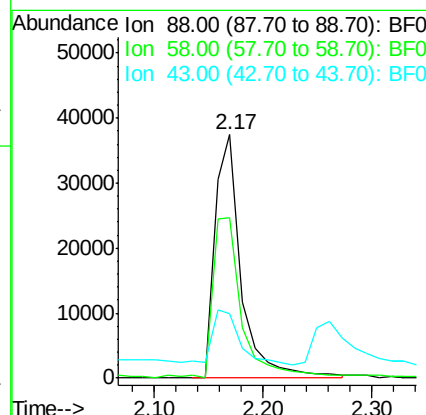
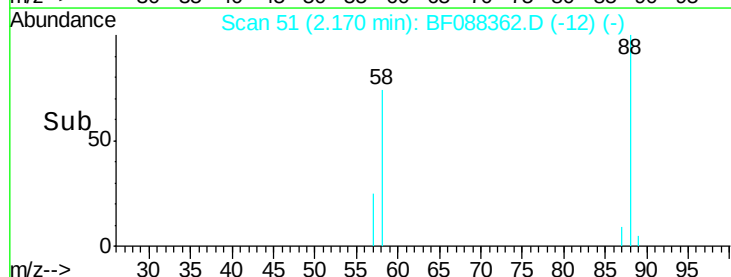
43 0.0 3.4 5.2#

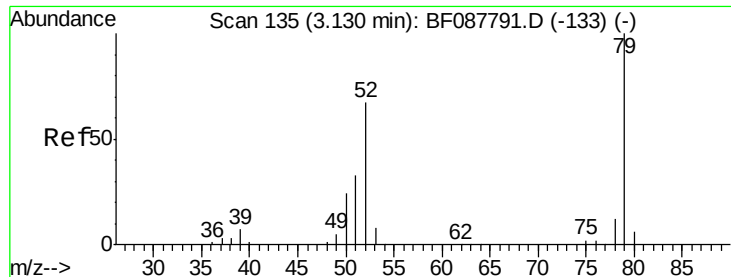


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0

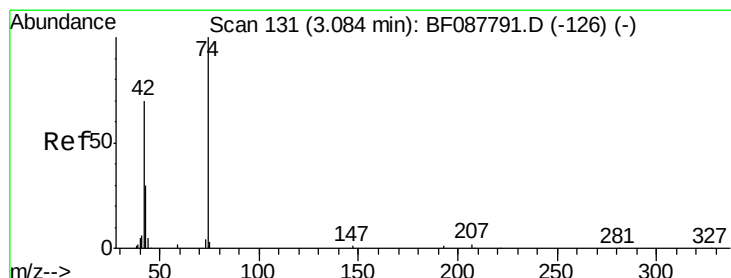
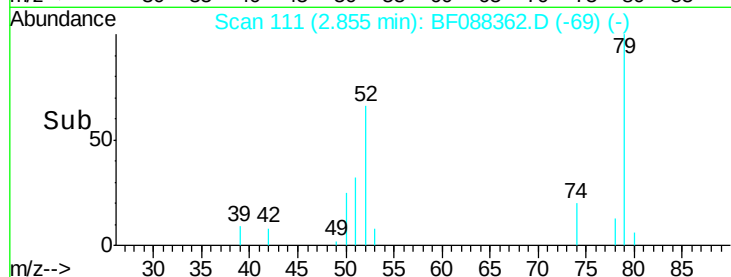
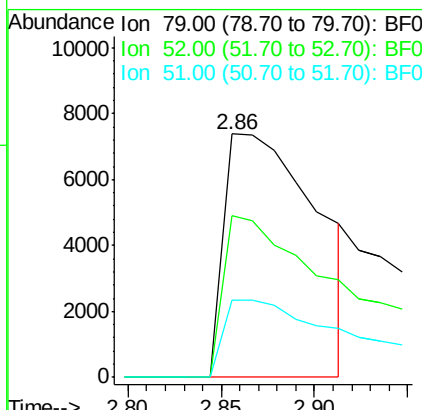
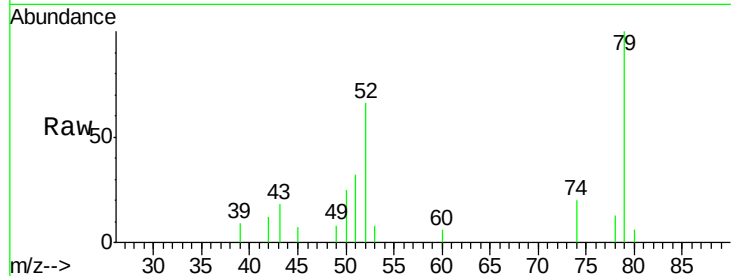




#3
 Pyridine
 Concen: 5.23 ng
 RT: 2.86 min Scan# 111
 Delta R.T. 0.18 min
 Lab File: BF088362.D
 Acq: 25 Jun 2016 6:46

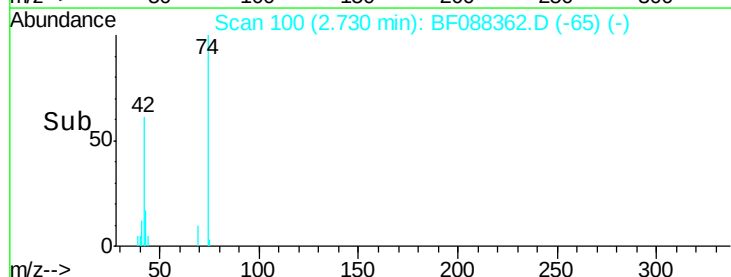
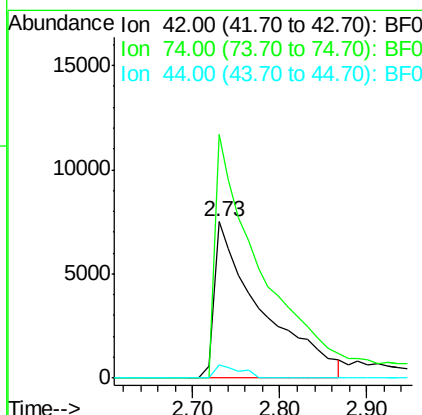
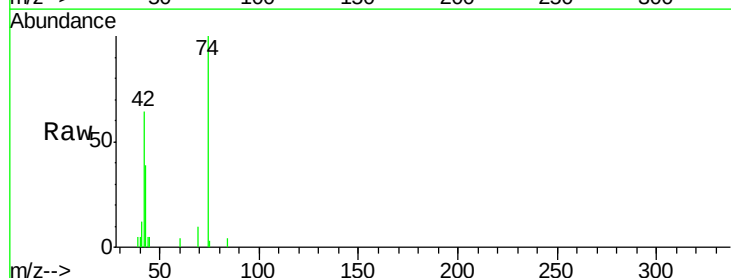
Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-55-062216MS

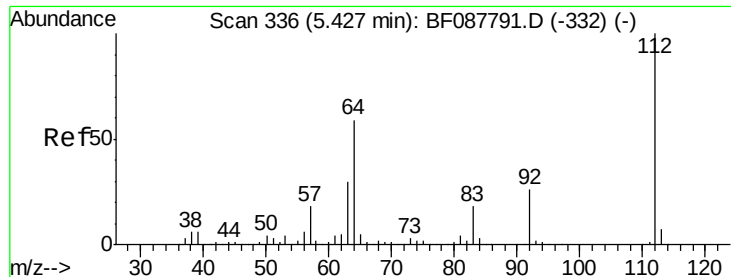
Tgt Ion: 79 Resp: 25517
 Ion Ratio Lower Upper
 79 100
 52 66.3 56.3 84.5
 51 31.6 27.4 41.2



#4
 n-Nitrosodimethylamine
 Concen: 13.72 ng
 RT: 2.73 min Scan# 100
 Delta R.T. 0.10 min
 Lab File: BF088362.D
 Acq: 25 Jun 2016 6:46

Tgt Ion: 42 Resp: 28332
 Ion Ratio Lower Upper
 42 100
 74 156.0 108.6 163.0
 44 8.5 5.5 8.3#





#5

2-Fluorophenol

Concen: 117.18 ng

RT: 5.19 min Scan# 315

Delta R.T. 0.01 min

Lab File: BF088362.D

Acq: 25 Jun 2016 6:46

Instrument :

BNA_F

ClientSampleId :

HSR-WC-55-062216MS

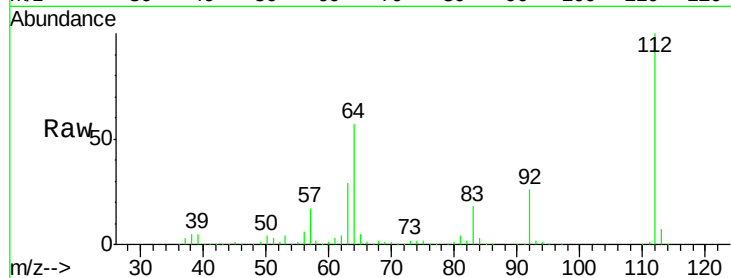
Tgt Ion: 112 Resp: 497928

Ion Ratio Lower Upper

112 100

64 56.9 42.2 63.2

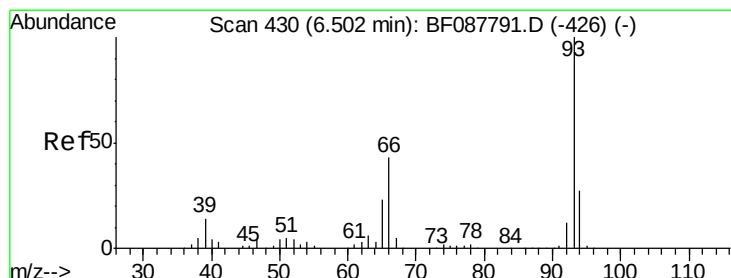
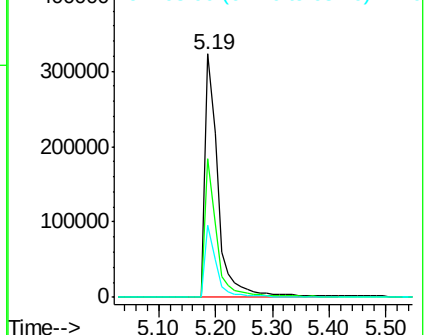
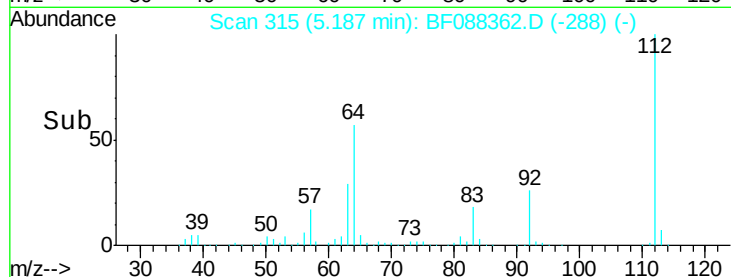
63 29.4 21.8 32.8



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 4.72 ng

RT: 6.28 min Scan# 411

Delta R.T. 0.01 min

Lab File: BF088362.D

Acq: 25 Jun 2016 6:46

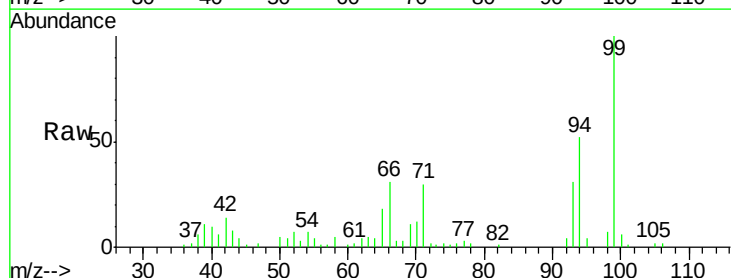
Tgt Ion: 93 Resp: 34606

Ion Ratio Lower Upper

93 100

66 100.3 29.8 44.8#

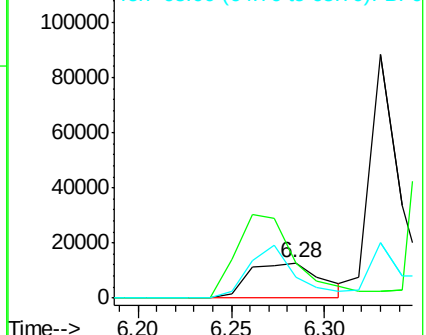
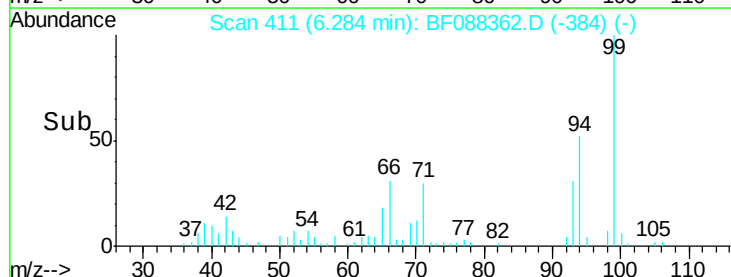
65 58.2 14.9 22.3#

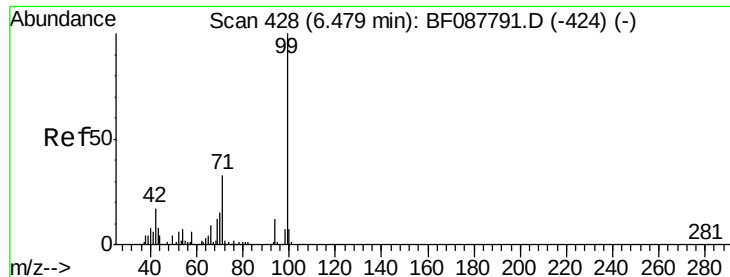


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 117.89 ng

RT: 6.26 min Scan# 409

Delta R.T. -0.00 min

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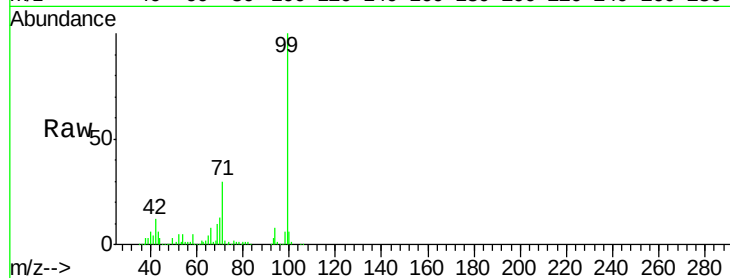
Tgt Ion: 99 Resp: 607108

Ion Ratio Lower Upper

99 100

42 12.1 12.2 18.2#

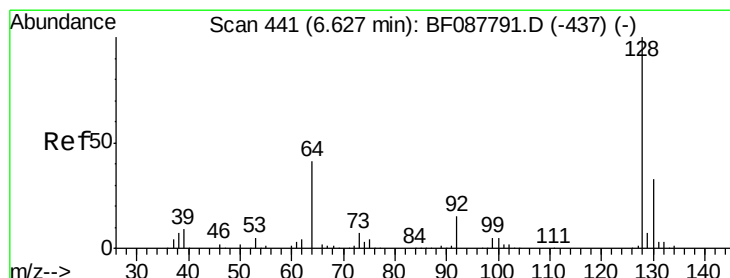
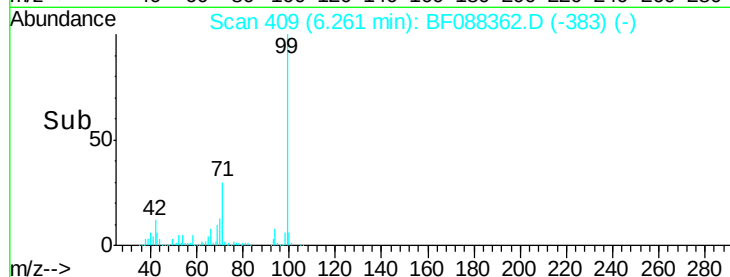
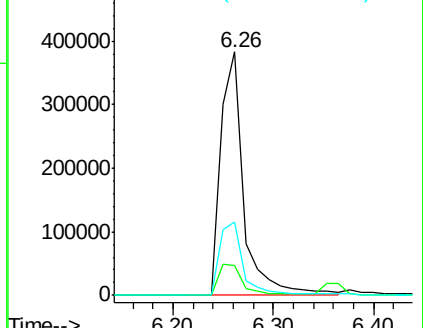
71 29.9 23.4 35.0



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: 21.12 ng

RT: 6.38 min Scan# 419

Delta R.T. -0.01 min

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Acq: 25 Jun 2016 6:46

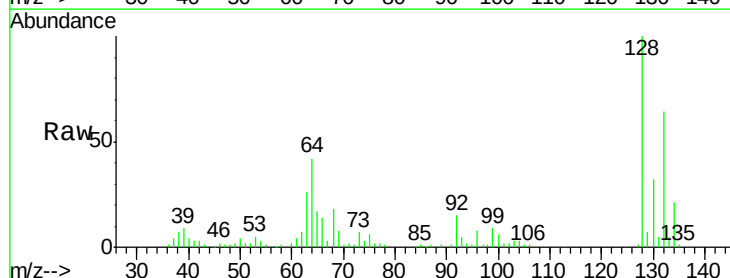
Tgt Ion: 128 Resp: 106204

Ion Ratio Lower Upper

128 100

130 32.4 12.0 52.0

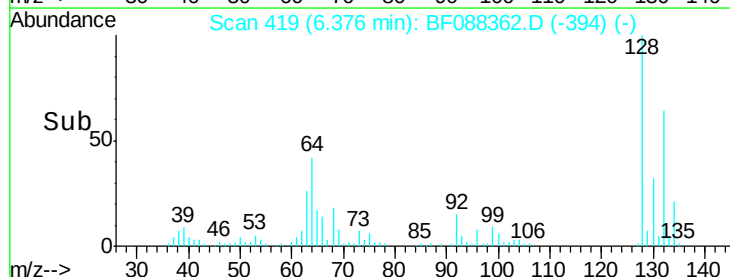
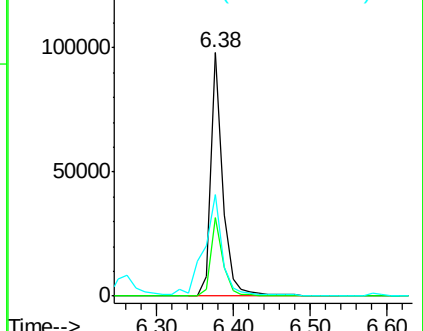
64 41.8 30.8 70.8

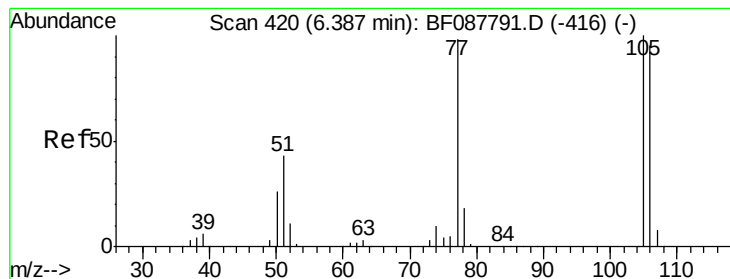


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 12.11 ng

RT: 6.14 min Scan# 398

Delta R.T. -0.01 min

Lab File: BF088362.D

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HSR-WC-55-062216MS

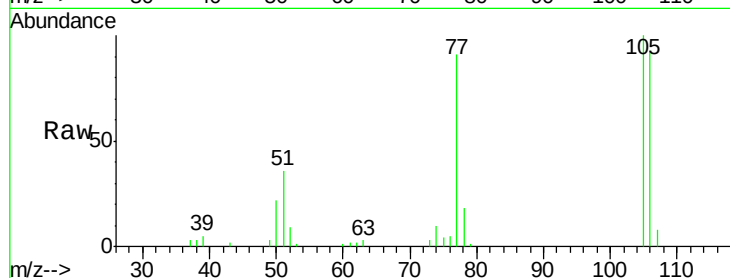
Tgt Ion: 77 Resp: 50636

Ion Ratio Lower Upper

77 100

105 110.4 90.6 130.6

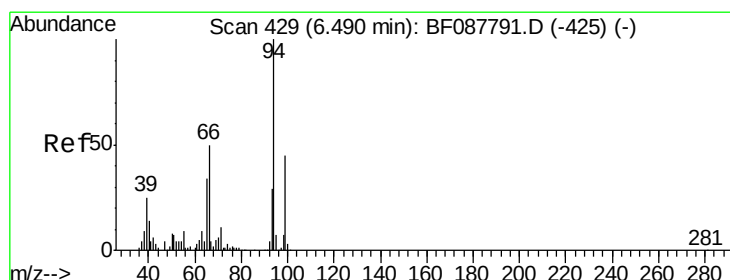
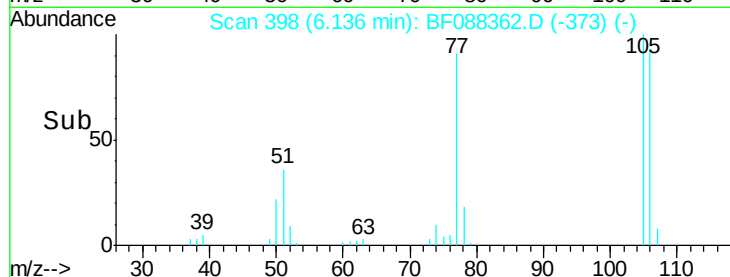
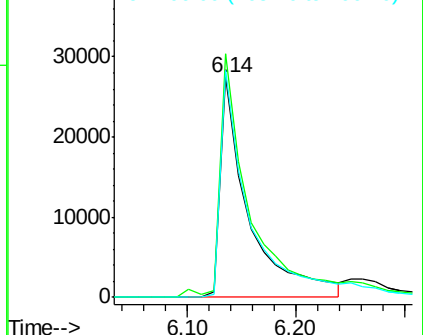
106 103.2 85.3 125.3



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 19.91 ng

RT: 6.27 min Scan# 410

Delta R.T. -0.00 min

Lab File: BF088362.D

Acq: 25 Jun 2016 6:46

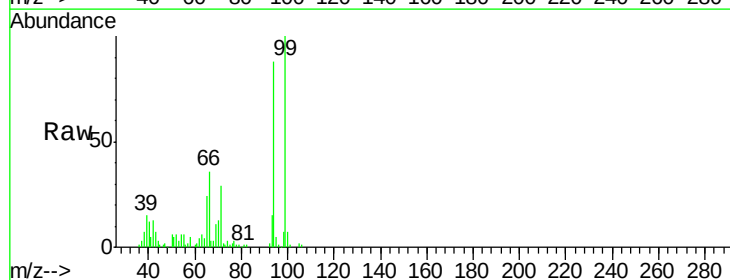
Tgt Ion: 94 Resp: 113249

Ion Ratio Lower Upper

94 100

65 26.9 5.9 45.9

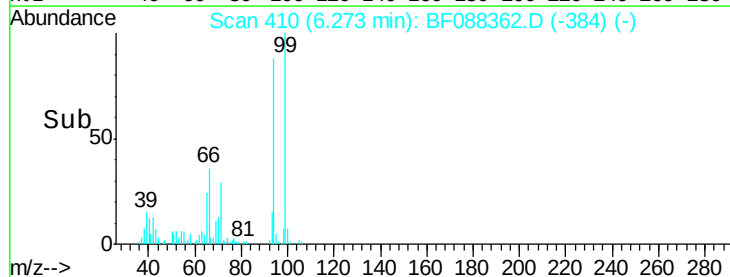
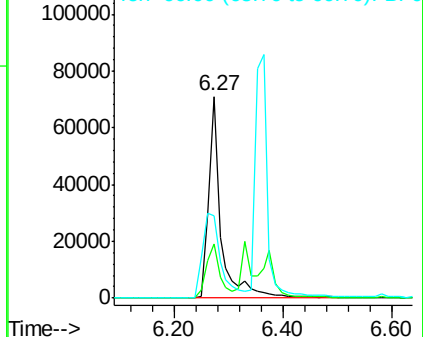
66 40.6 14.0 54.0

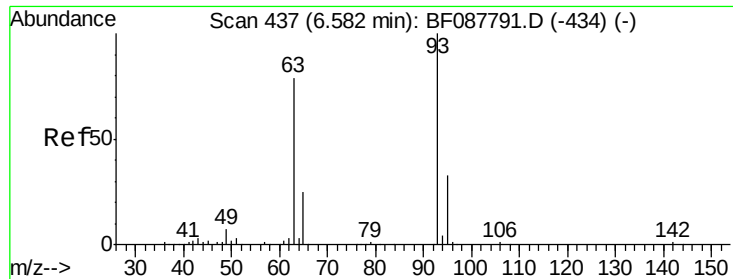


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

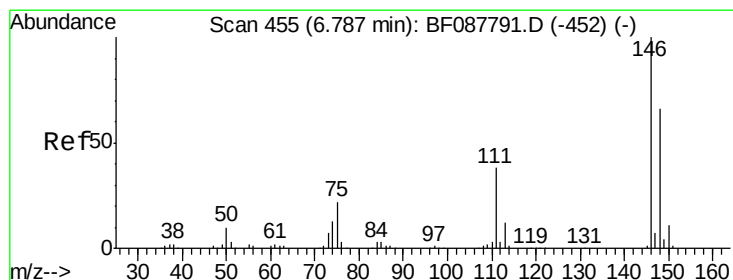
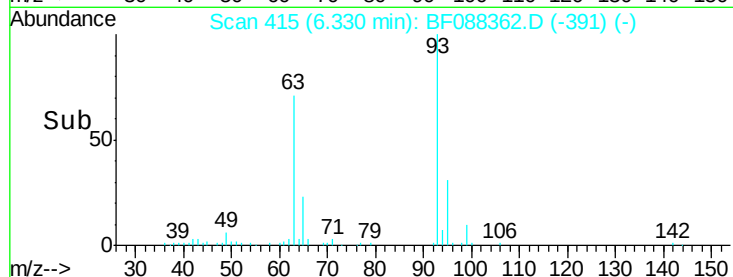
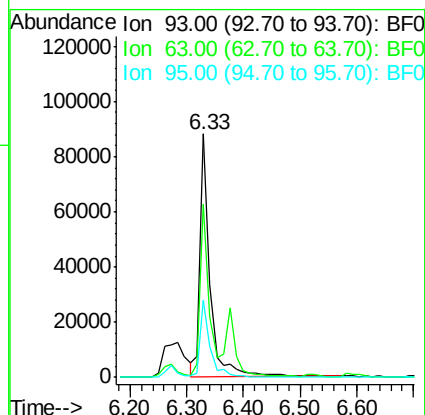
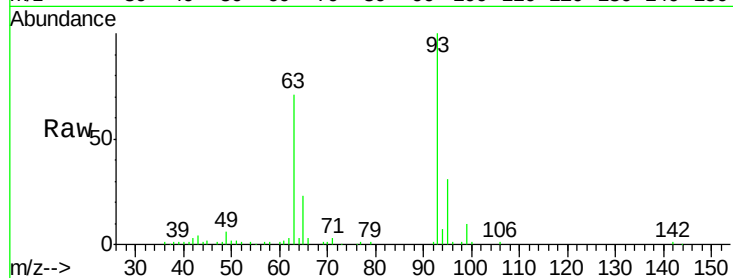




#11
bis(2-Chloroethyl)ether
Concen: 23.79 ng
RT: 6.33 min Scan# 415
Delta R.T. -0.02 min
Lab File: BF088362.D
Acq: 25 Jun 2016 6:46

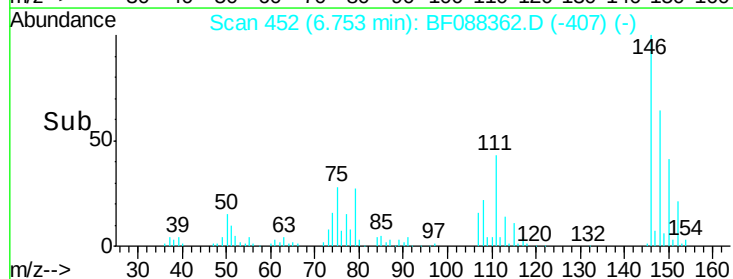
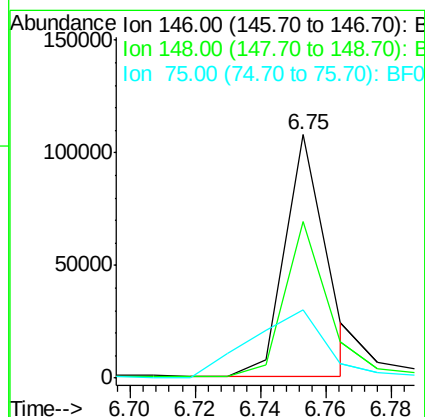
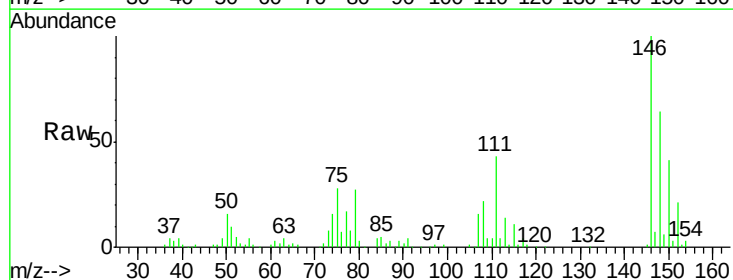
Instrument :
BNA_F
ClientSampleId :
HSR-WC-55-062216MS

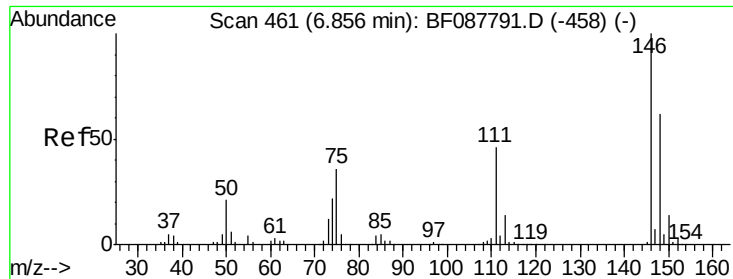
Tgt Ion: 93 Resp: 107439
Ion Ratio Lower Upper
93 100
63 71.2 67.6 107.6
95 31.5 12.5 52.5



#12
1,3-Dichlorobenzene
Concen: 17.52 ng
RT: 6.75 min Scan# 452
Delta R.T. 0.22 min
Lab File: BF088362.D
Acq: 25 Jun 2016 6:46

Tgt Ion: 146 Resp: 94542
Ion Ratio Lower Upper
146 100
148 64.2 50.9 76.3
75 28.1 25.6 38.4

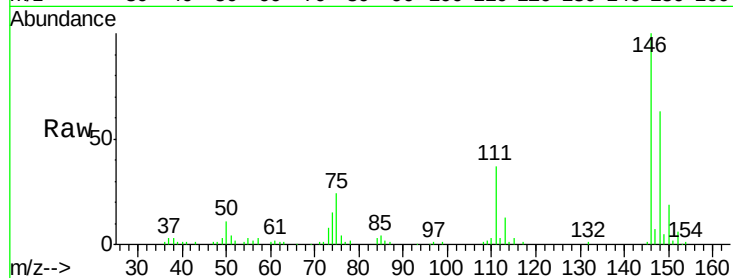




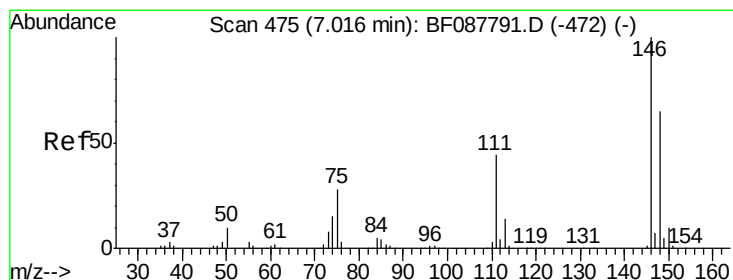
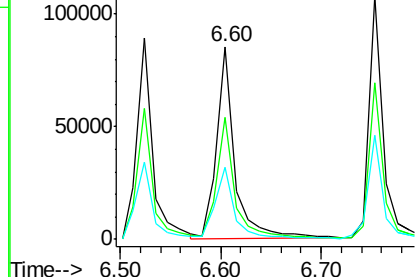
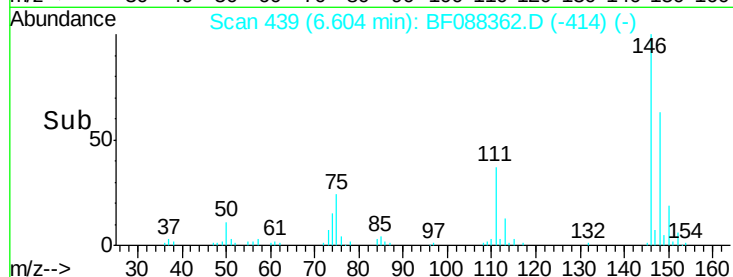
#13
 1,4-Dichlorobenzene
 Concen: 20.01 ng
 RT: 6.60 min Scan# 439
 Delta R.T. -0.01 min
 Lab File: BF088362.D
 Acq: 25 Jun 2016 6:46

Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-55-062216MS

Tgt Ion:146 Resp: 108752
 Ion Ratio Lower Upper
 146 100
 148 63.4 52.0 78.0
 111 37.4 33.8 50.8

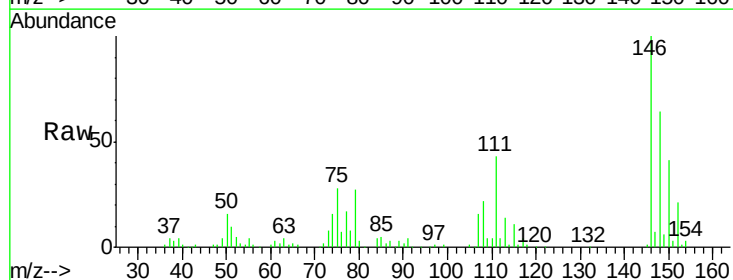


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

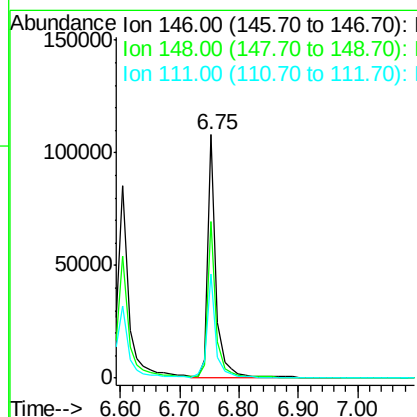
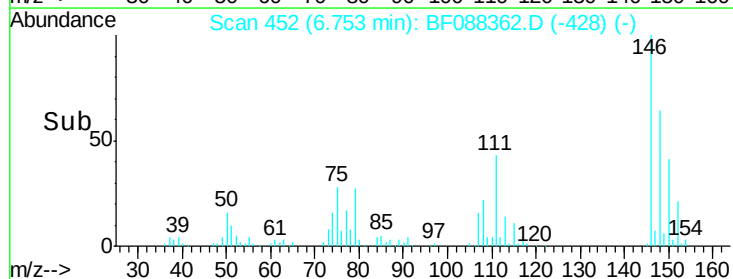


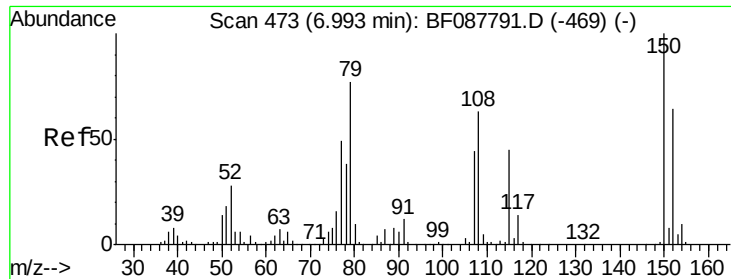
#14
 1,2-Dichlorobenzene
 Concen: 22.49 ng
 RT: 6.75 min Scan# 452
 Delta R.T. -0.02 min
 Lab File: BF088362.D
 Acq: 25 Jun 2016 6:46

Tgt Ion:146 Resp: 111184
 Ion Ratio Lower Upper
 146 100
 148 64.2 52.3 78.5
 111 43.0 28.7 43.1



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

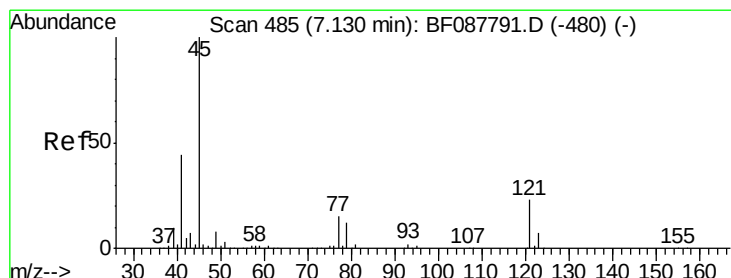
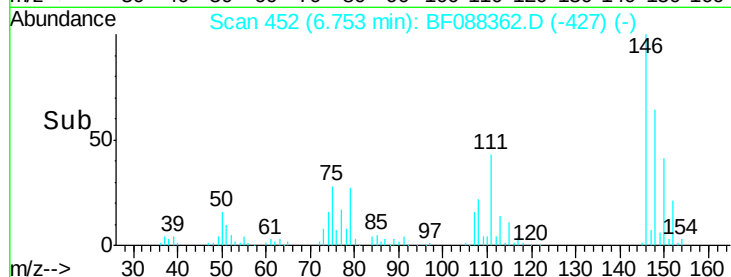
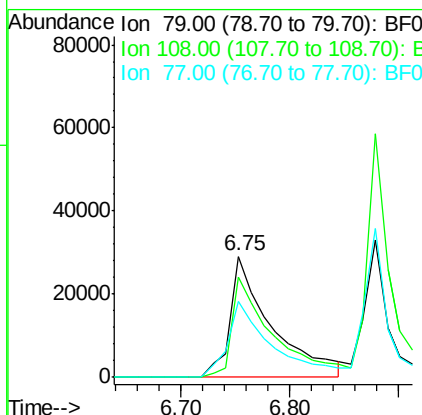
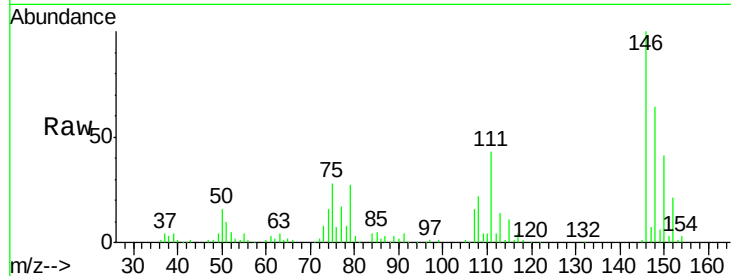




#15
Benzyl Alcohol
Concen: 19.06 ng
RT: 6.75 min Scan# 452
Delta R.T. -0.01 min
Lab File: BF088362.D
Acq: 25 Jun 2016 6:46

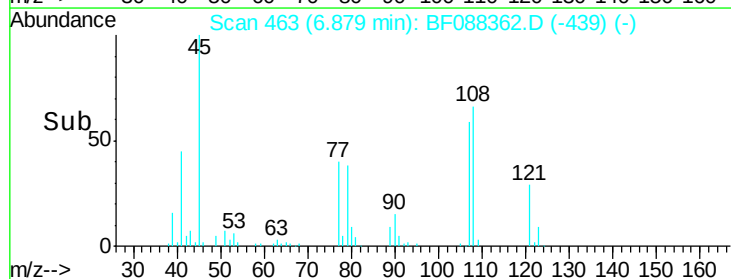
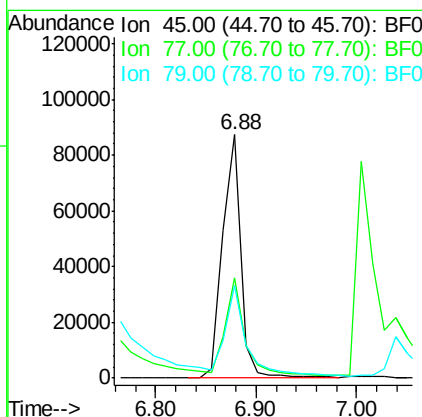
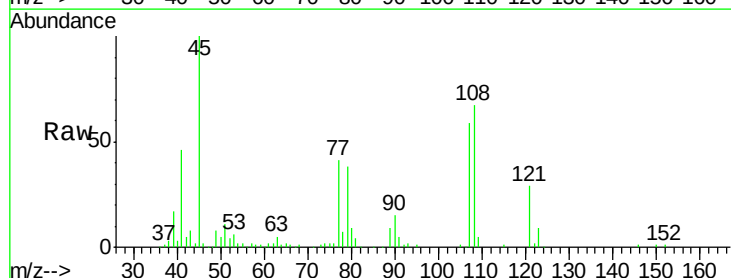
Instrument :
BNA_F
ClientSampleId :
HSR-WC-55-062216MS

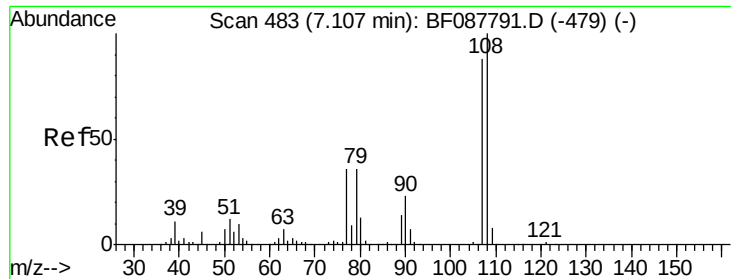
Tgt Ion: 79 Resp: 76775
Ion Ratio Lower Upper
79 100
108 83.2 65.0 97.6
77 62.3 50.3 75.5



#16
2,2'-oxybis(1-chloropropane)
Concen: 18.30 ng
RT: 6.88 min Scan# 463
Delta R.T. -0.02 min
Lab File: BF088362.D
Acq: 25 Jun 2016 6:46

Tgt Ion: 45 Resp: 111658
Ion Ratio Lower Upper
45 100
77 41.1 0.0 32.5#
79 38.0 0.0 29.5#

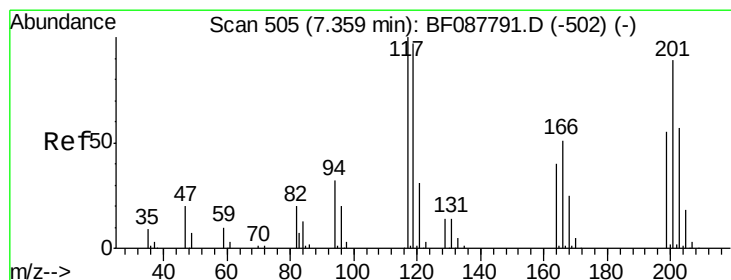
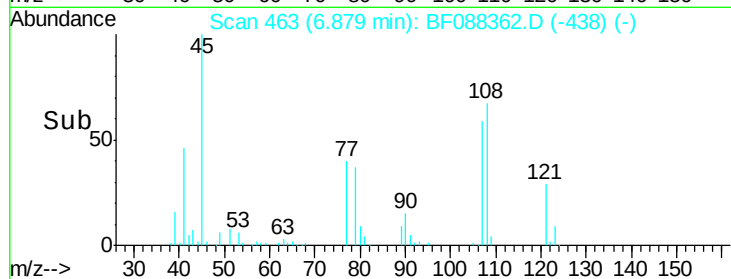
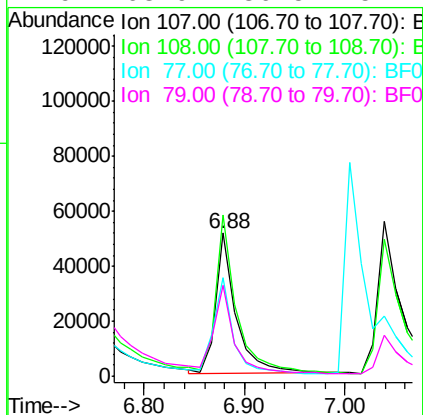
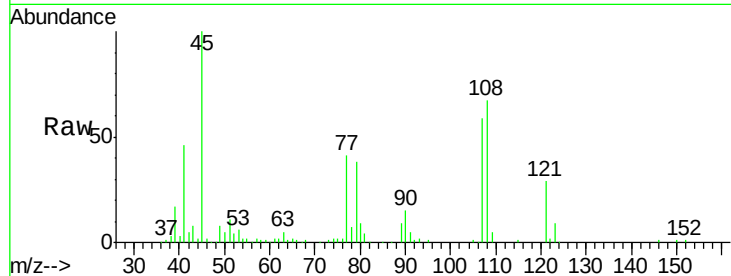




#17
2-Methylphenol
Concen: 17.92 ng
RT: 6.88 min Scan# 463
Delta R.T. -0.01 min
Lab File: BF088362.D
Acq: 25 Jun 2016 6:46

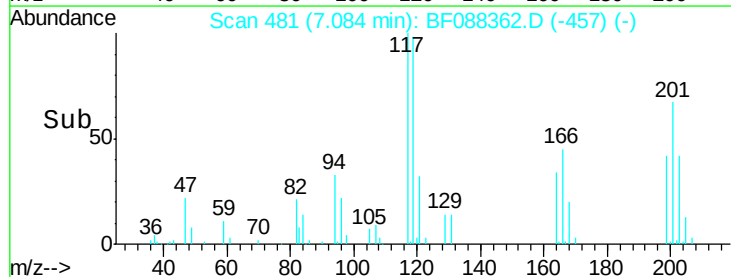
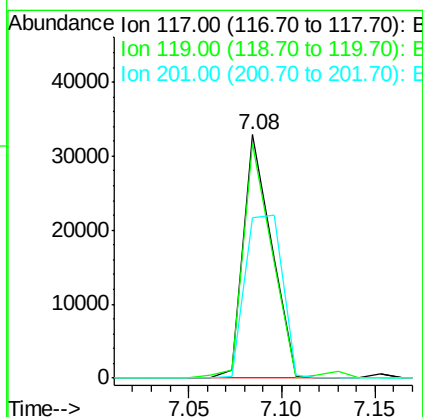
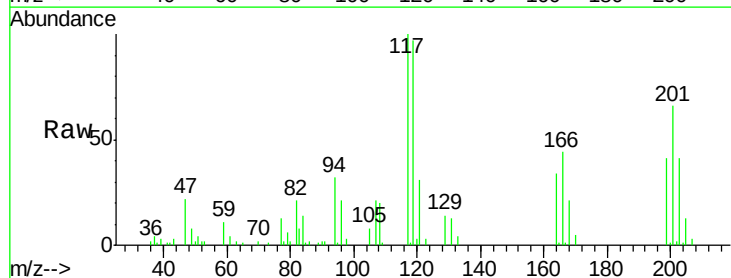
Instrument :
BNA_F
ClientSampleId :
HSR-WC-55-062216MS

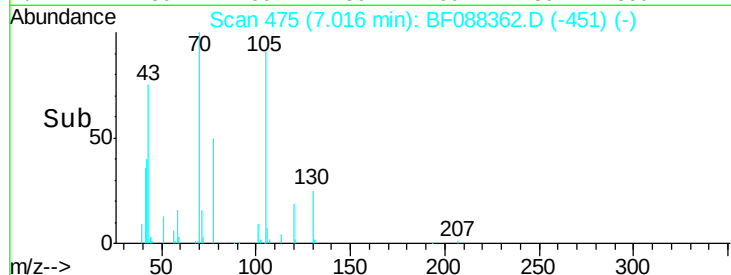
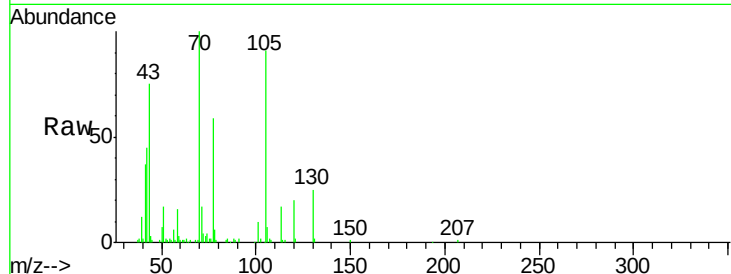
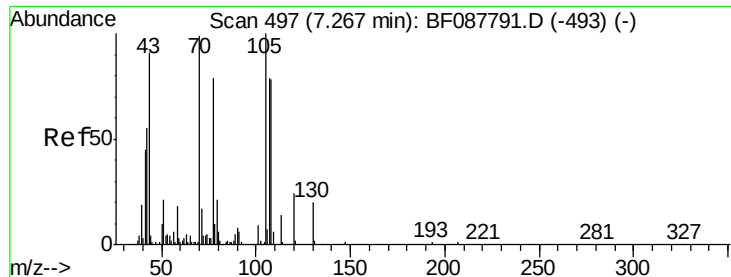
Tgt Ion:107 Resp: 73091
Ion Ratio Lower Upper
107 100
108 112.7 90.9 136.3
77 69.0 36.6 55.0#
79 63.9 36.5 54.7#



#18
Hexachloroethane
Concen: 17.91 ng
RT: 7.08 min Scan# 481
Delta R.T. -0.02 min
Lab File: BF088362.D
Acq: 25 Jun 2016 6:46

Tgt Ion:117 Resp: 34539
Ion Ratio Lower Upper
117 100
119 96.6 77.4 116.2
201 66.1 80.4 120.6#

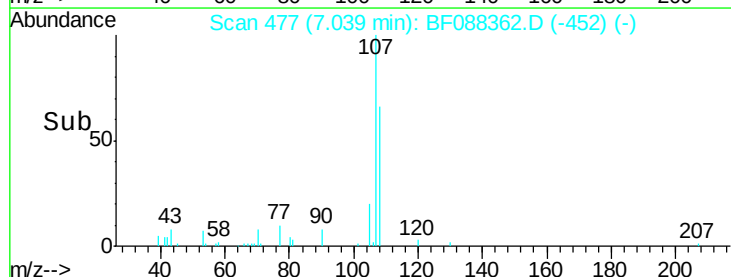
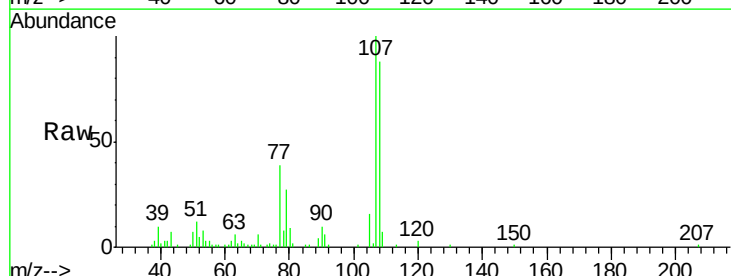
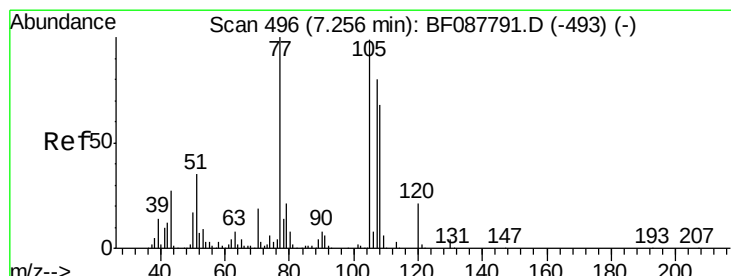
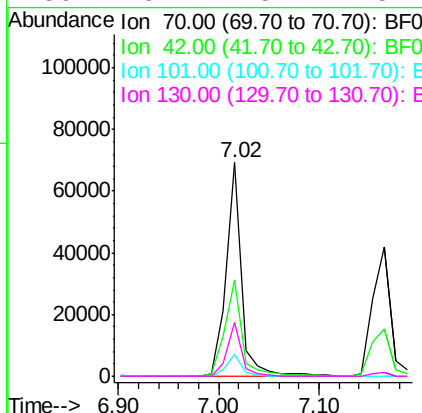




#19
n-Nitroso-di-n-propylamine
Concen: 22.48 ng
RT: 7.02 min Scan# 475
Delta R.T. -0.02 min
Lab File: BF088362.D
Acq: 25 Jun 2016 6:46

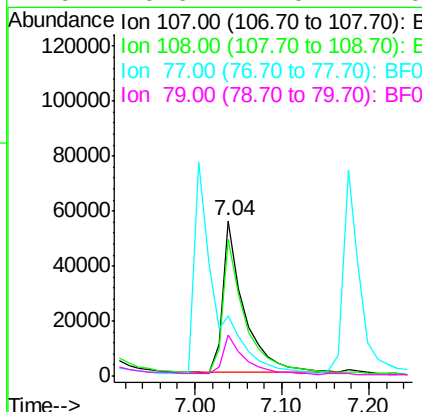
Instrument :
BNA_F
ClientSampleId :
HSR-WC-55-062216MS

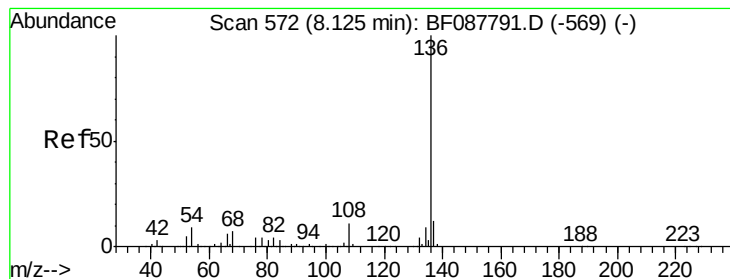
Tgt Ion:	70	Resp:	74073
Ion	Ratio	Lower	Upper
70	100		
42	45.1	49.6	74.4#
101	10.5	7.1	10.7
130	25.2	15.4	23.2#



#20
3+4-Methylphenols
Concen: 20.01 ng
RT: 7.04 min Scan# 477
Delta R.T. -0.01 min
Lab File: BF088362.D
Acq: 25 Jun 2016 6:46

Tgt Ion:	107	Resp:	95208
Ion	Ratio	Lower	Upper
107	100		
108	88.1	67.8	107.8
77	38.8	59.3	99.3#
79	26.6	7.0	47.0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.87 min Scan# 550

Delta R.T. -0.02 min

Lab File: BF088362.D

Acq: 25 Jun 2016 6:46

Instrument :

BNA_F

ClientSampleId :

HSR-WC-55-062216MS

Tgt Ion:136 Resp: 283927

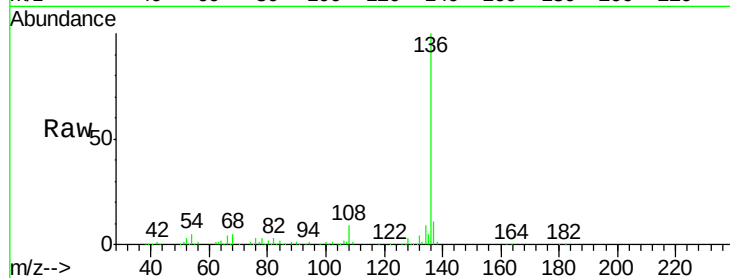
Ion Ratio Lower Upper

136 100

137 10.6 9.1 13.7

54 5.2 6.6 10.0#

68 4.6 5.1 7.7#

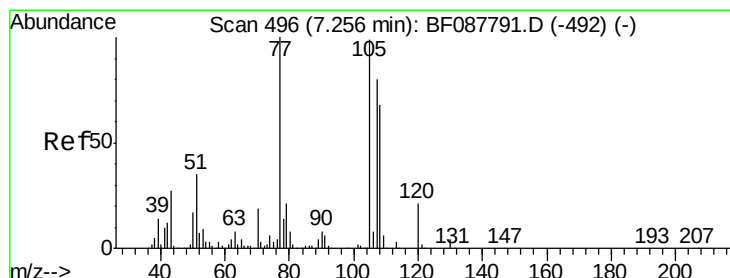
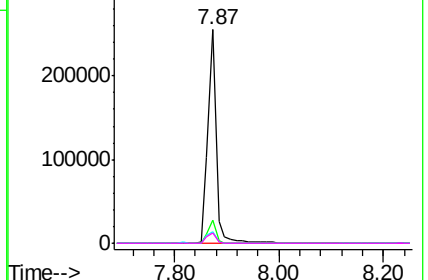
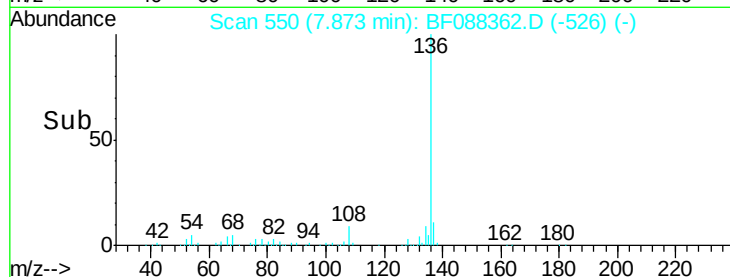


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 24.50 ng

RT: 7.00 min Scan# 474

Delta R.T. -0.02 min

Lab File: BF088362.D

Acq: 25 Jun 2016 6:46

Tgt Ion:105 Resp: 155427

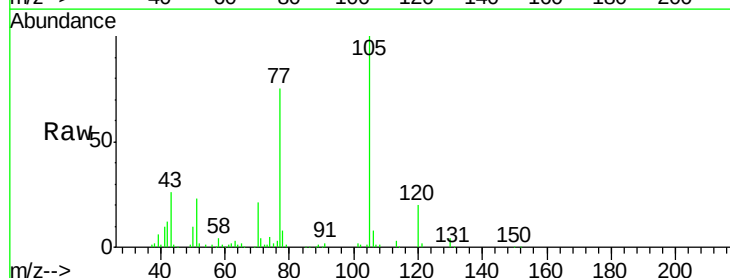
Ion Ratio Lower Upper

105 100

71 3.7 5.3 7.9#

51 23.0 18.2 27.4

120 20.2 18.0 27.0

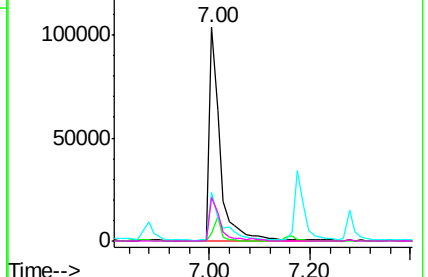
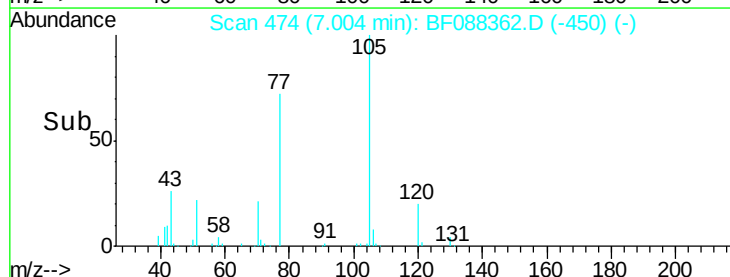


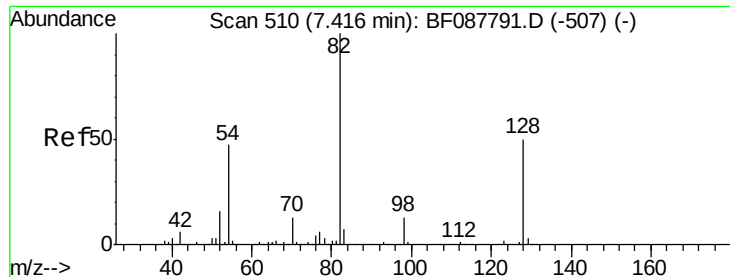
Abundance Ion 105.00 (104.70 to 105.70): E

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

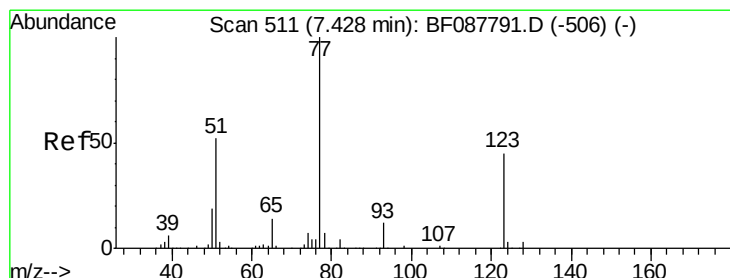
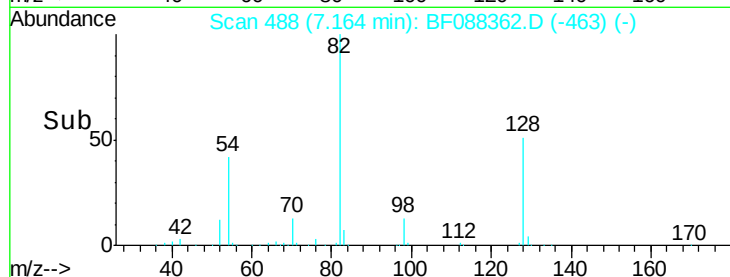
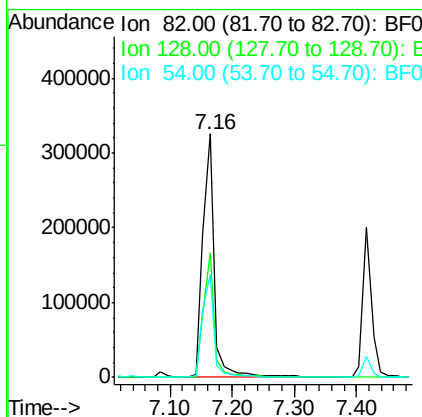
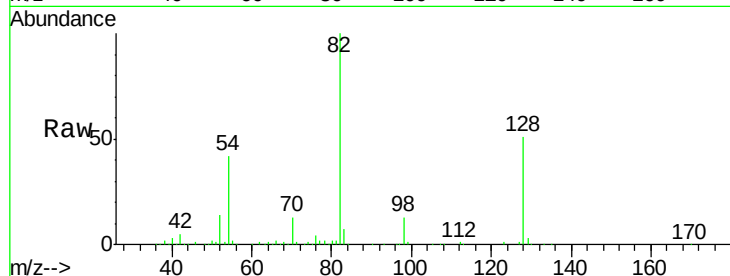




#23
 Nitrobenzene-d5
 Concen: 86.99 ng
 RT: 7.16 min Scan# 488
 Delta R.T. -0.01 min
 Lab File: BF088362.D
 Acq: 25 Jun 2016 6:46

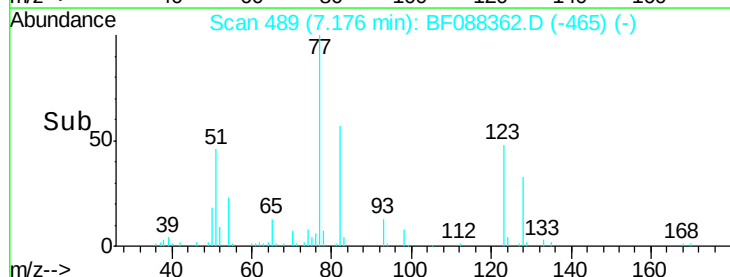
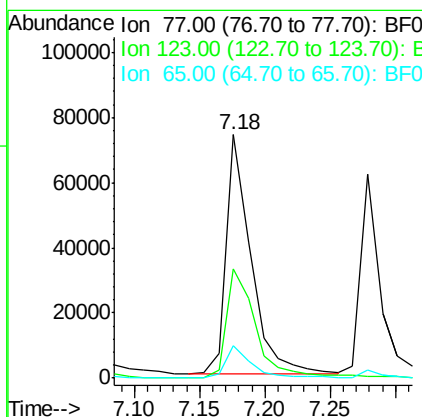
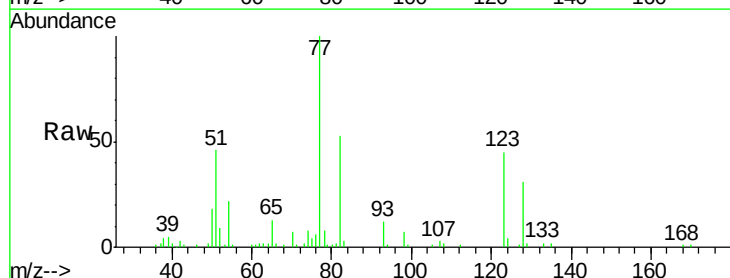
Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-55-062216MS

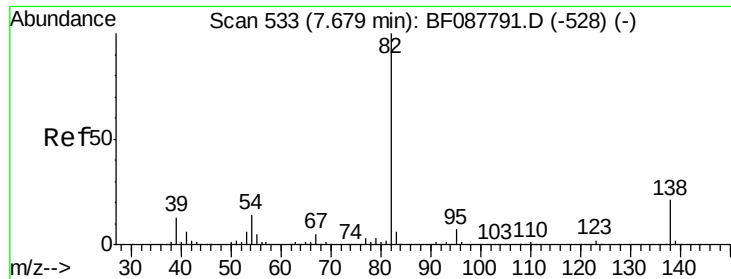
Tgt Ion	Ratio	Lower	Upper
82	100		
128	51.3	35.9	53.9
54	42.4	40.9	61.3



#24
 Nitrobenzene
 Concen: 20.95 ng
 RT: 7.18 min Scan# 489
 Delta R.T. -0.02 min
 Lab File: BF088362.D
 Acq: 25 Jun 2016 6:46

Tgt Ion	Ratio	Lower	Upper
77	100		
123	45.1	45.0	67.4
65	13.1	10.2	15.2





#25

Isophorone

Concen: 21.78 ng

RT: 7.42 min Scan# 510

Delta R.T. -0.02 min

Lab File: BF088362.D

Acq: 25 Jun 2016 6:46

Instrument :

BNA_F

ClientSampleId :

HSR-WC-55-062216MS

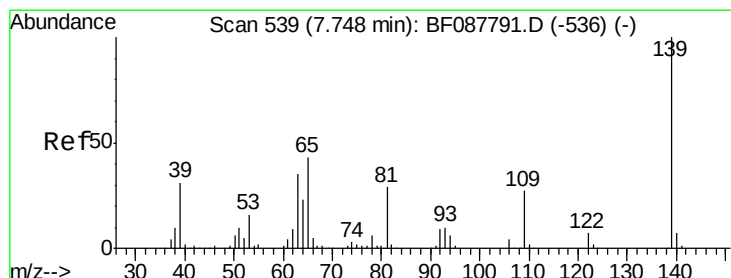
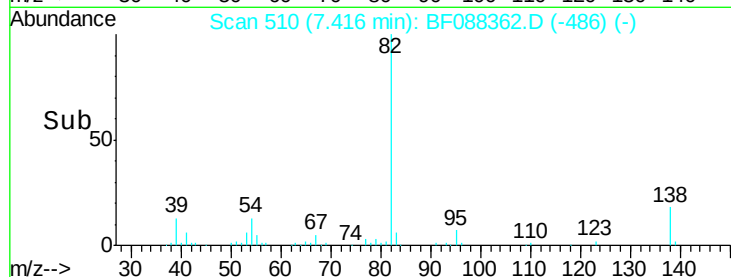
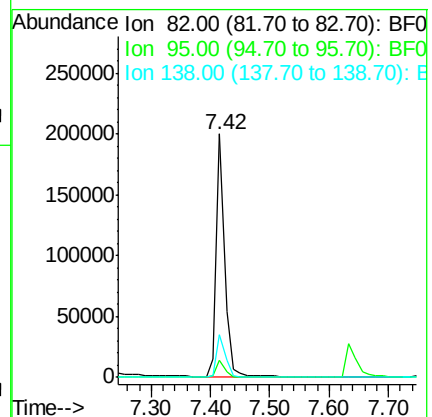
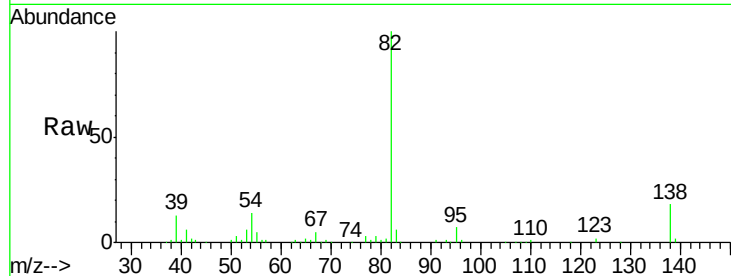
Tgt Ion: 82 Resp: 196157

Ion Ratio Lower Upper

82 100

95 7.0 5.4 8.2

138 17.7 14.6 21.8



#26

2-Nitrophenol

Concen: 22.15 ng

RT: 7.50 min Scan# 517

Delta R.T. -0.02 min

Lab File: BF088362.D

Acq: 25 Jun 2016 6:46

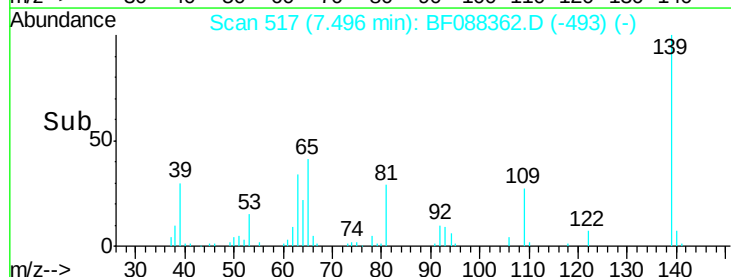
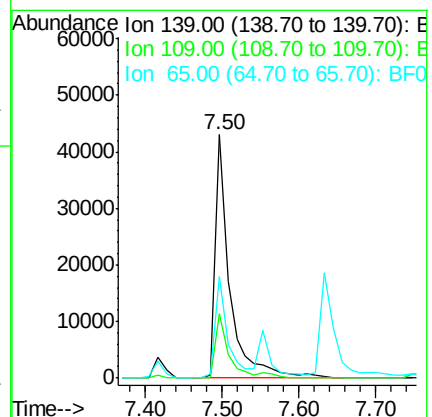
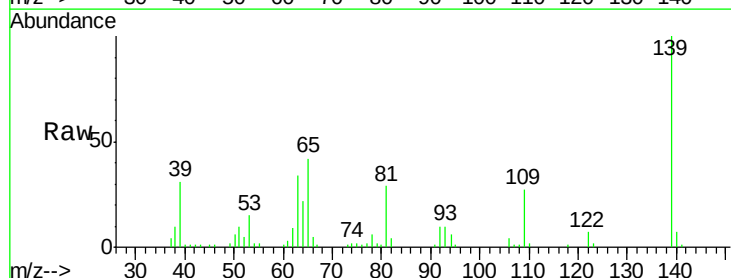
Tgt Ion: 139 Resp: 55884

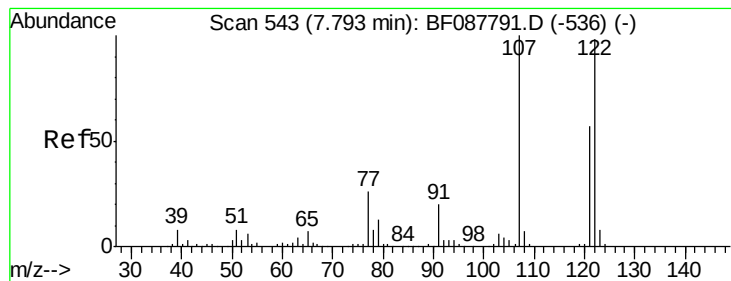
Ion Ratio Lower Upper

139 100

109 26.6 23.0 34.4

65 41.9 45.8 68.8#





#27

2,4-Dimethylphenol

Concen: 20.21 ng

RT: 7.55 min Scan# 522

Delta R.T. -0.02 min

Lab File: BF088362.D

Acq: 25 Jun 2016 6:46

Instrument :

BNA_F

ClientSampleId :

HSR-WC-55-062216MS

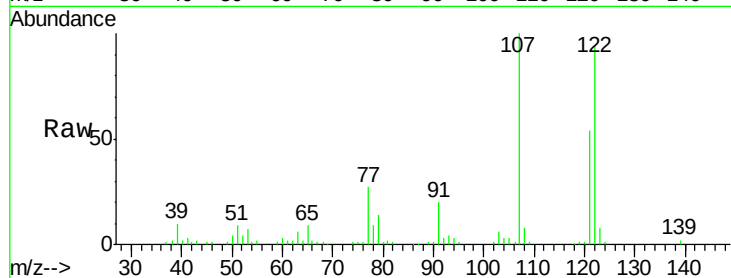
Tgt Ion:122 Resp: 93897

Ion Ratio Lower Upper

122 100

107 106.6 82.4 123.6

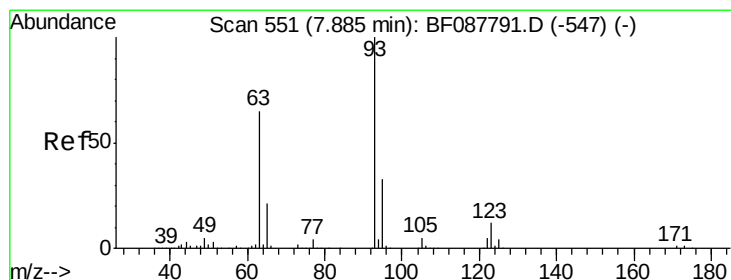
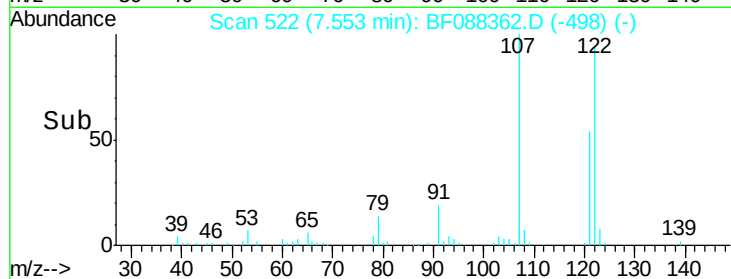
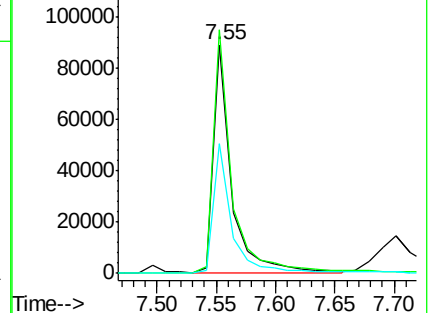
121 57.1 46.3 69.5



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: 22.59 ng

RT: 7.63 min Scan# 529

Delta R.T. -0.02 min

Lab File: BF088362.D

Acq: 25 Jun 2016 6:46

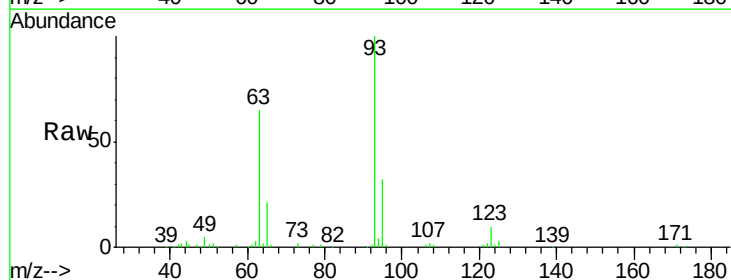
Tgt Ion: 93 Resp: 126202

Ion Ratio Lower Upper

93 100

95 31.6 26.5 39.7

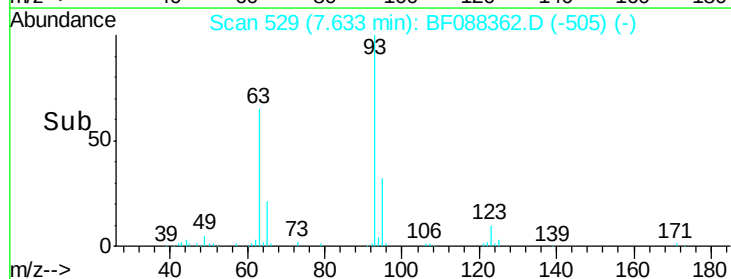
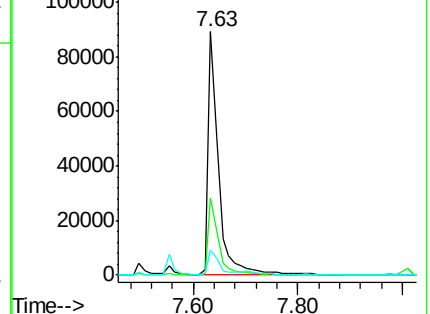
123 10.2 11.6 17.4#

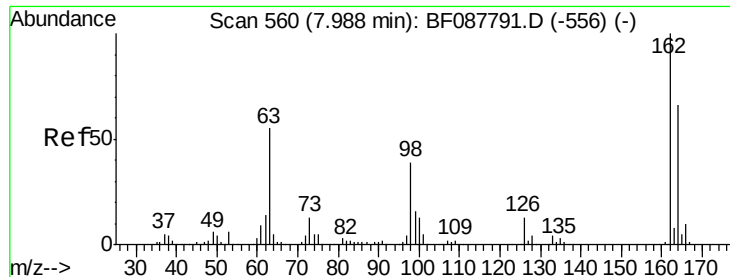


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

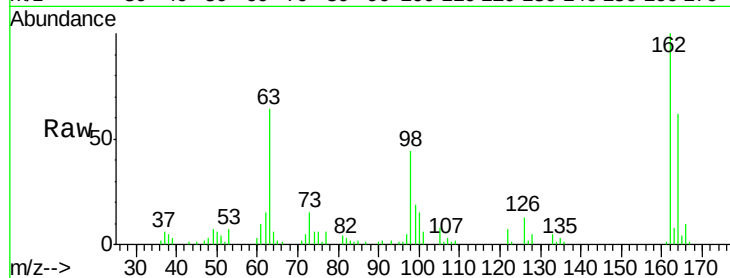




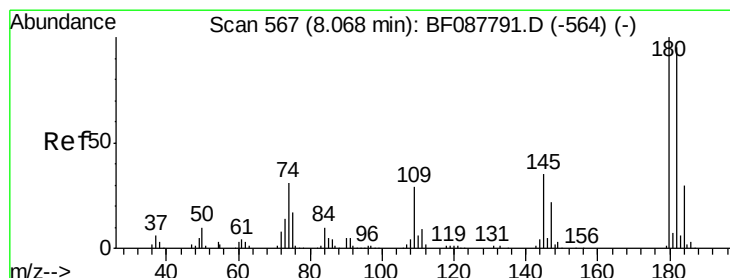
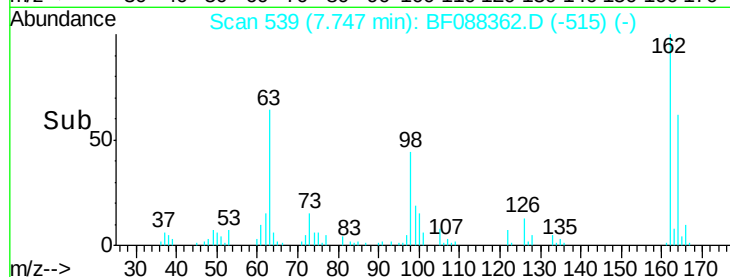
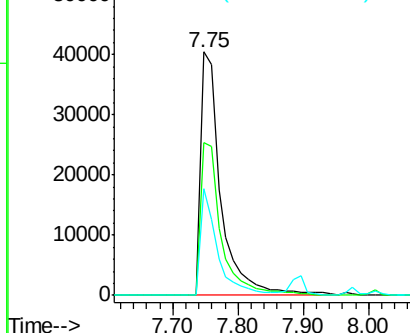
#29
 2,4-Dichlorophenol
 Concen: 22.44 ng
 RT: 7.75 min Scan# 539
 Delta R.T. -0.02 min
 Lab File: BF088362.D
 Acq: 25 Jun 2016 6:46

Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-55-062216MS

Tgt Ion:162 Resp: 87044
 Ion Ratio Lower Upper
 162 100
 164 62.5 43.8 83.8
 98 43.6 21.3 61.3

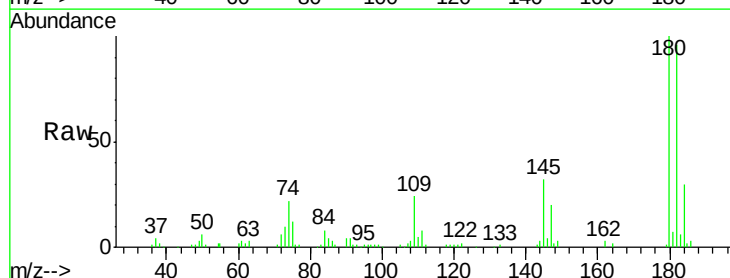


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

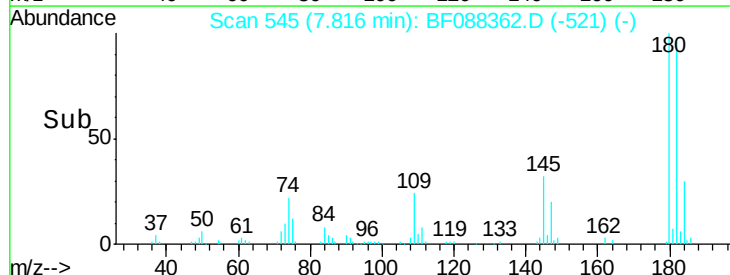
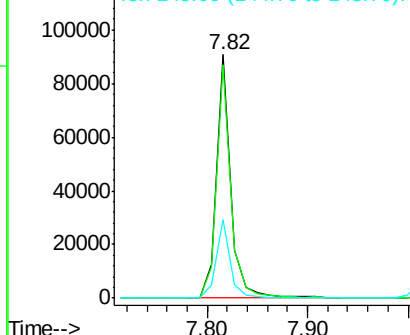


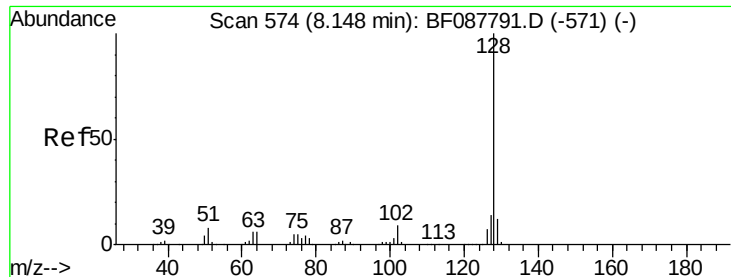
#30
 1,2,4-Trichlorobenzene
 Concen: 21.28 ng
 RT: 7.82 min Scan# 545
 Delta R.T. -0.02 min
 Lab File: BF088362.D
 Acq: 25 Jun 2016 6:46

Tgt Ion:180 Resp: 89851
 Ion Ratio Lower Upper
 180 100
 182 95.8 76.0 114.0
 145 32.2 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

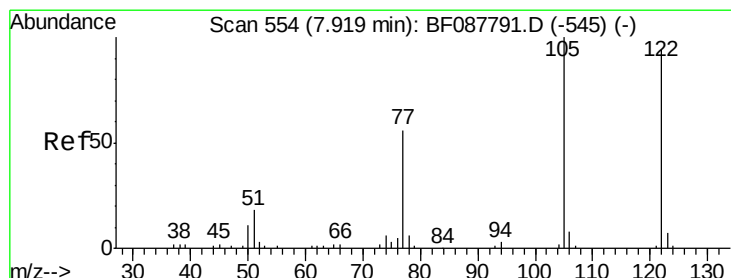
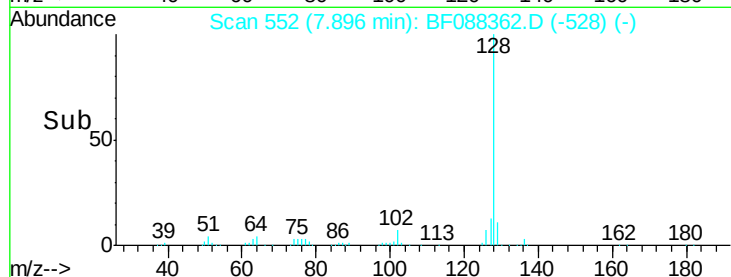
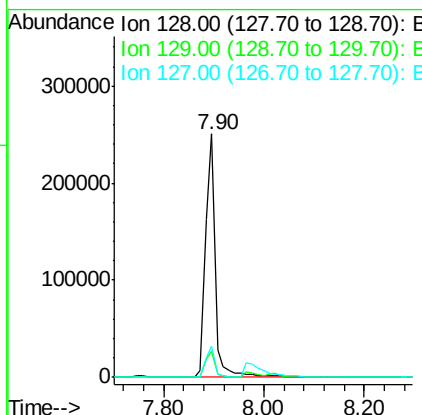
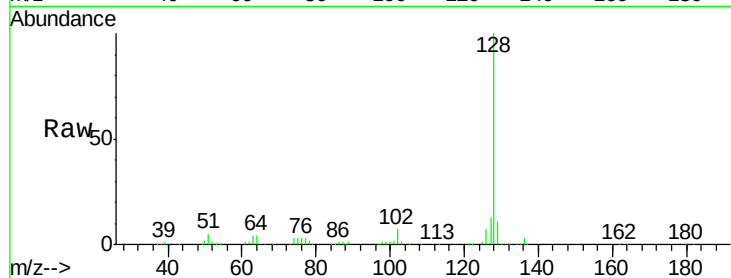




#31
Naphthalene
Concen: 24.12 ng
RT: 7.90 min Scan# 552
Delta R.T. -0.02 min
Lab File: BF088362.D
Acq: 25 Jun 2016 6:46

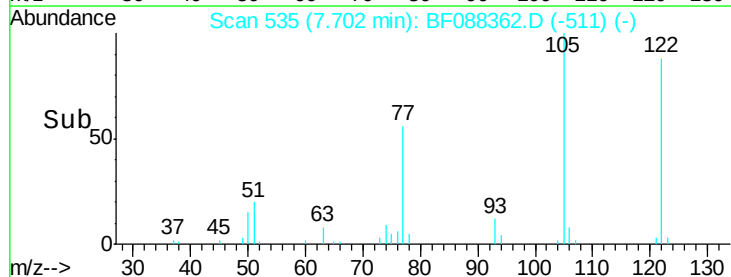
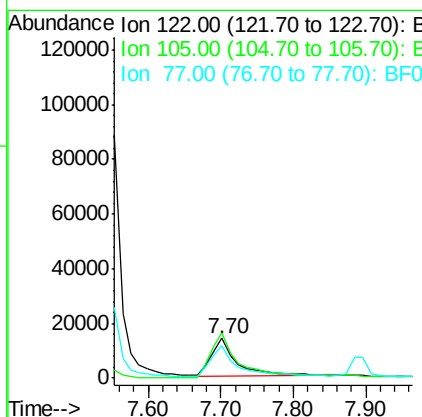
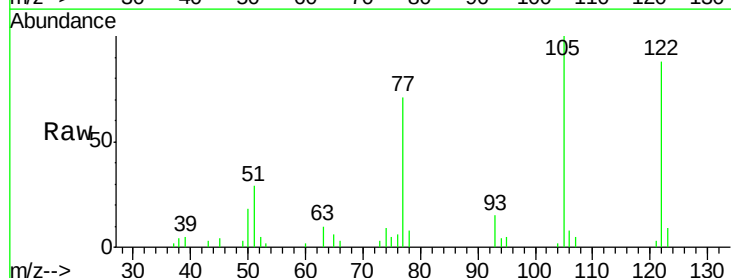
Instrument :
BNA_F
ClientSampleId :
HSR-WC-55-062216MS

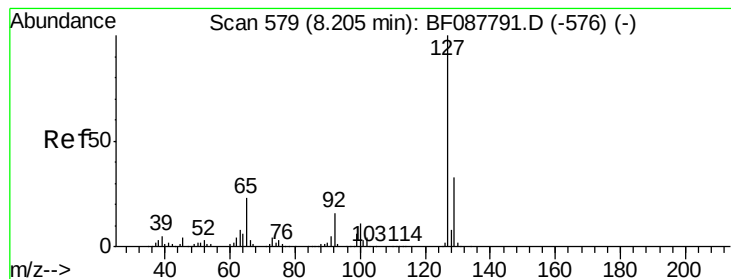
Tgt Ion:128 Resp: 338935
Ion Ratio Lower Upper
128 100
129 10.6 9.4 14.2
127 12.9 10.9 16.3



#32
Benzoic acid
Concen: 14.11 ng
RT: 7.70 min Scan# 535
Delta R.T. -0.02 min
Lab File: BF088362.D
Acq: 25 Jun 2016 6:46

Tgt Ion:122 Resp: 36101
Ion Ratio Lower Upper
122 100
105 114.2 101.6 141.6
77 81.4 70.6 110.6





#33

4-Chloroaniline

Concen: 7.18 ng

RT: 7.96 min Scan# 558

Delta R.T. -0.01 min

Lab File: BF088362.D

Acq: 25 Jun 2016 6:46

Instrument :

BNA_F

ClientSampleId :

HSR-WC-55-062216MS

Tgt Ion:127 Resp: 45029

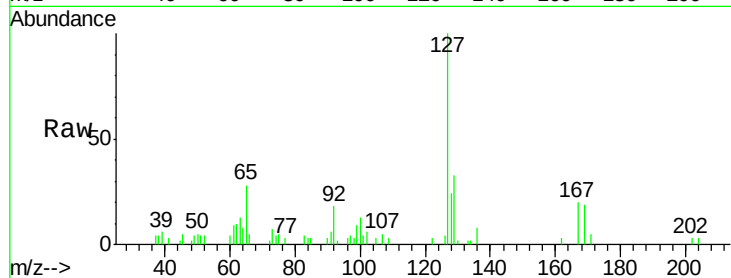
Ion Ratio Lower Upper

127 100

129 33.2 26.3 39.5

65 27.9 24.7 37.1

92 18.0 15.4 23.0

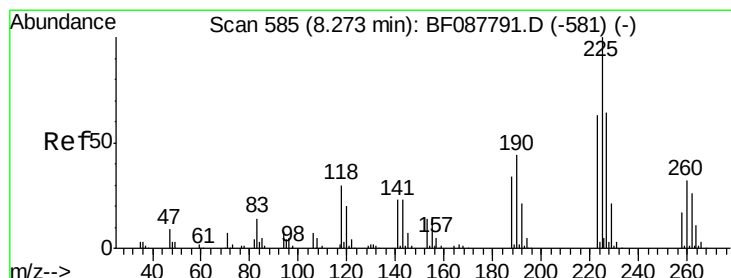
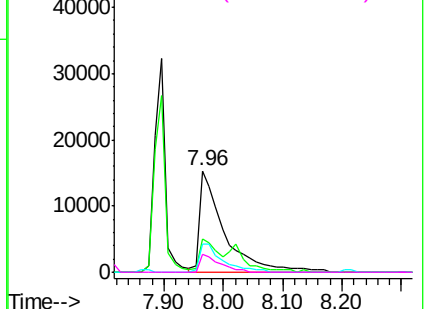
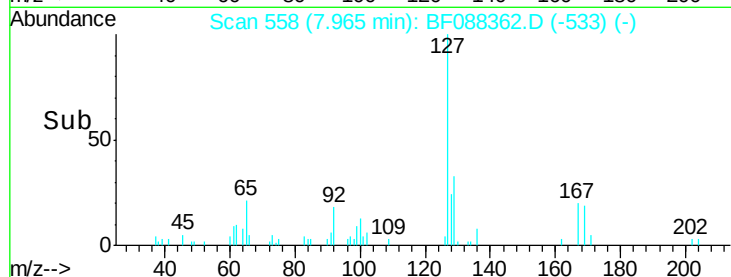


Abundance Ion 127.00 (126.70 to 127.70): E

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: 21.42 ng

RT: 8.01 min Scan# 562

Delta R.T. -0.02 min

Lab File: BF088362.D

Acq: 25 Jun 2016 6:46

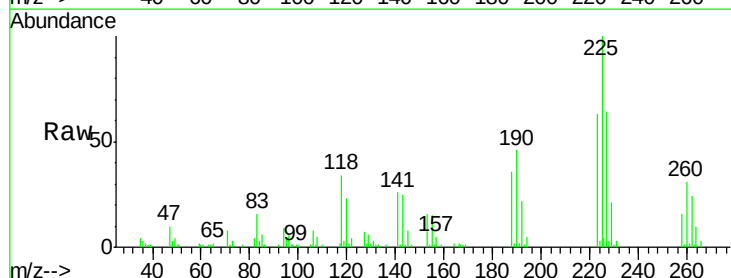
Tgt Ion:225 Resp: 47700

Ion Ratio Lower Upper

225 100

223 63.1 50.9 76.3

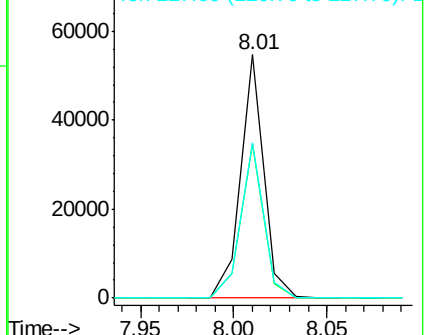
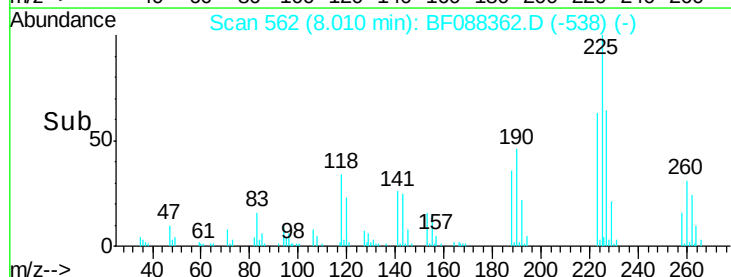
227 64.0 51.9 77.9

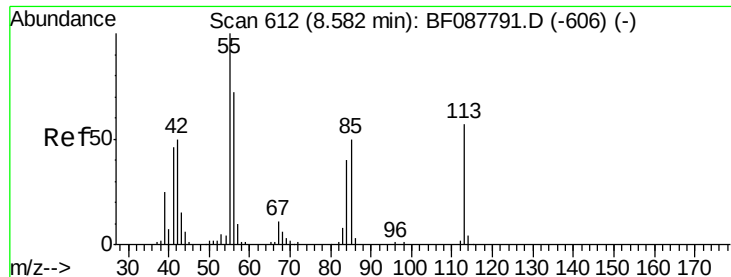


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

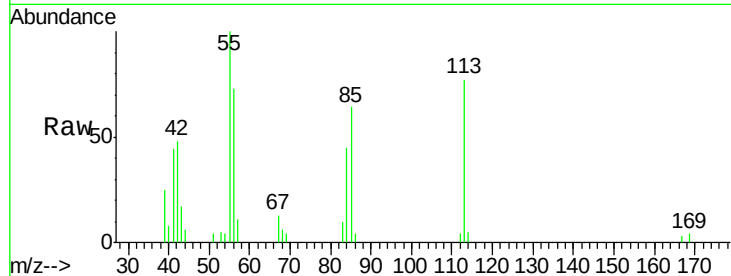




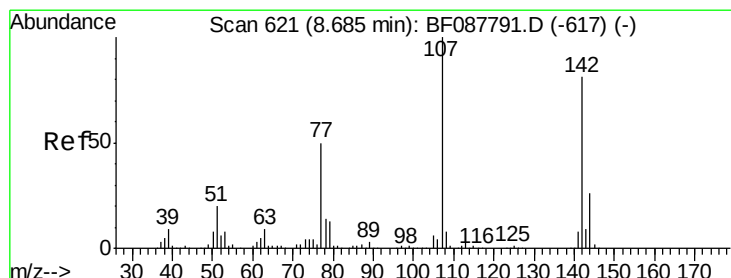
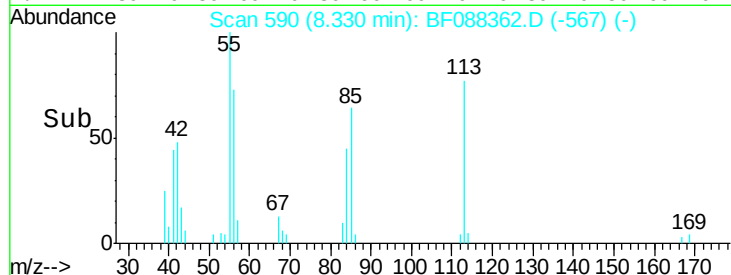
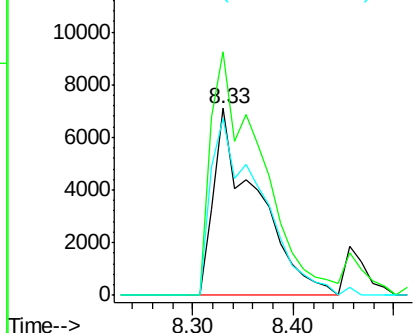
#35
 Caprolactam
 Concen: 16.54 ng
 RT: 8.33 min Scan# 590
 Delta R.T. -0.03 min
 Lab File: BF088362.D
 Acq: 25 Jun 2016 6:46

Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-55-062216MS

Tgt Ion:113 Resp: 21245
 Ion Ratio Lower Upper
 113 100
 55 130.2 158.6 198.6#
 56 94.8 110.6 150.6#

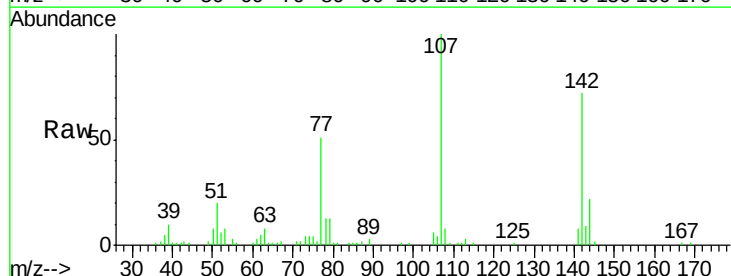


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

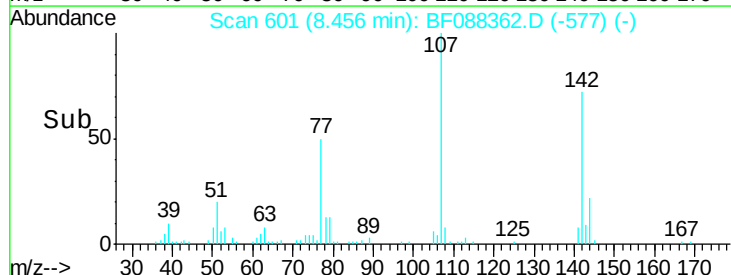
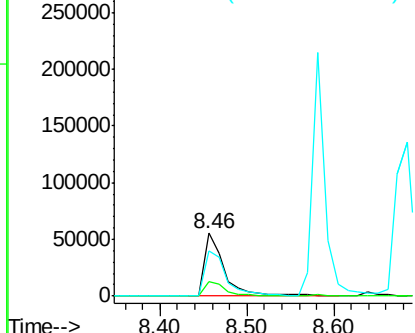


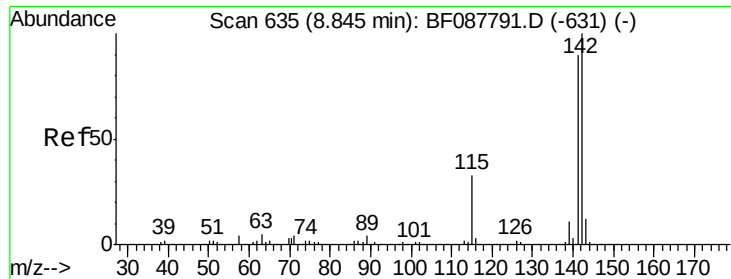
#36
 4-Chloro-3-methylphenol
 Concen: 21.30 ng
 RT: 8.46 min Scan# 601
 Delta R.T. -0.02 min
 Lab File: BF088362.D
 Acq: 25 Jun 2016 6:46

Tgt Ion:107 Resp: 88352
 Ion Ratio Lower Upper
 107 100
 144 22.4 20.8 31.2
 142 71.7 63.4 95.2



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

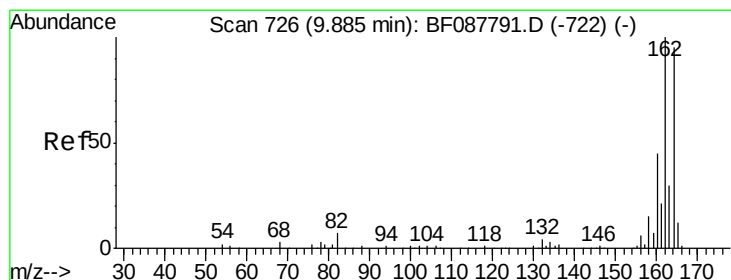
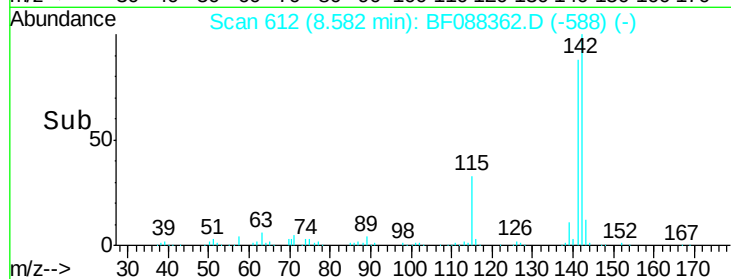
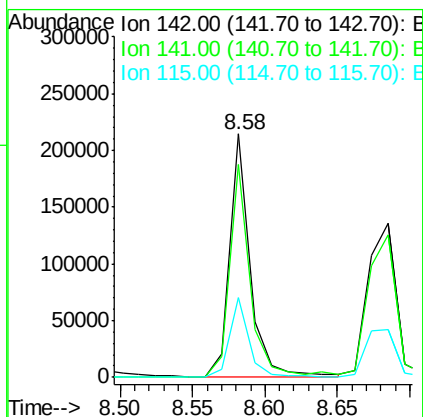
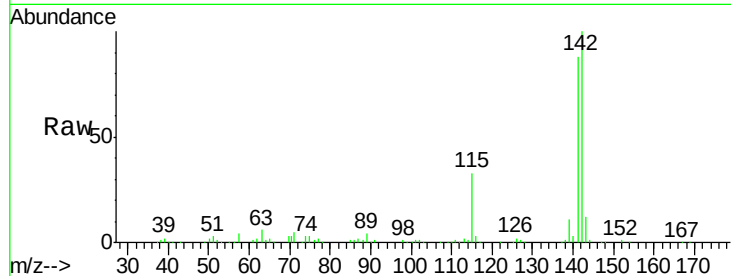




#37
 2-Methylnaphthalene
 Concen: 22.73 ng
 RT: 8.58 min Scan# 612
 Delta R.T. -0.02 min
 Lab File: BF088362.D
 Acq: 25 Jun 2016 6:46

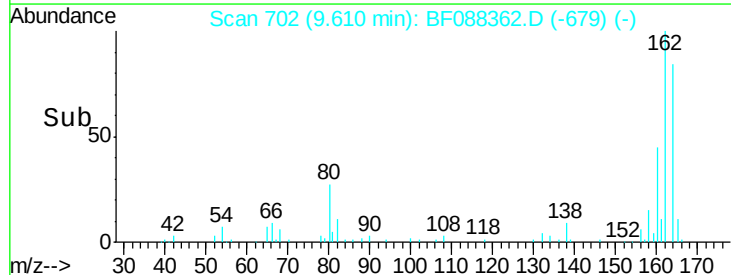
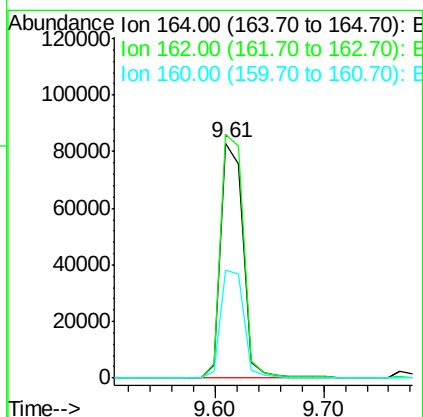
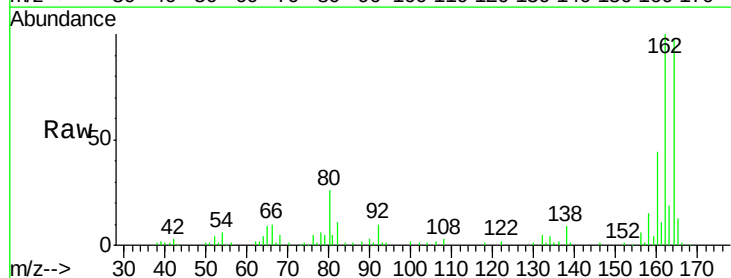
Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-55-062216MS

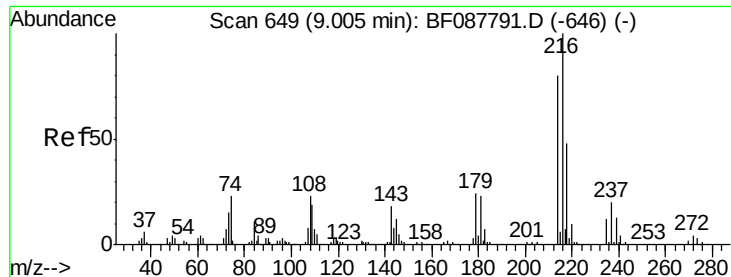
Tgt Ion:	142	Resp:	210491
Ion	Ratio	Lower	Upper
142	100		
141	87.6	71.0	106.6
115	32.7	22.6	33.8



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.61 min Scan# 702
 Delta R.T. -0.03 min
 Lab File: BF088362.D
 Acq: 25 Jun 2016 6:46

Tgt Ion:	164	Resp:	119434
Ion	Ratio	Lower	Upper
164	100		
162	103.6	85.4	128.2
160	45.7	39.5	59.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 22.75 ng

RT: 8.75 min Scan# 627

Delta R.T. -0.02 min

Lab File: BF088362.D

Acq: 25 Jun 2016 6:46

Instrument :

BNA_F

ClientSampleId :

HSR-WC-55-062216MS

Tgt Ion:216 Resp: 83201

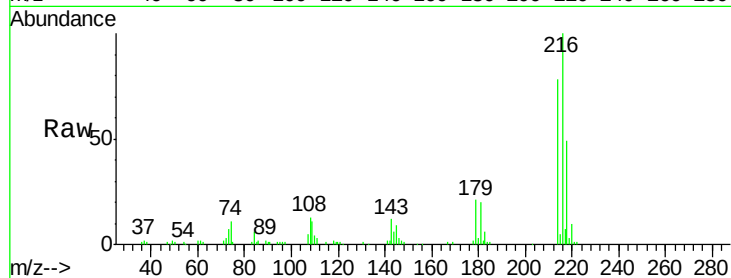
Ion Ratio Lower Upper

216 100

214 78.1 2.9 4.3#

179 21.2 0.0 0.0#

108 17.6 0.5 0.7#

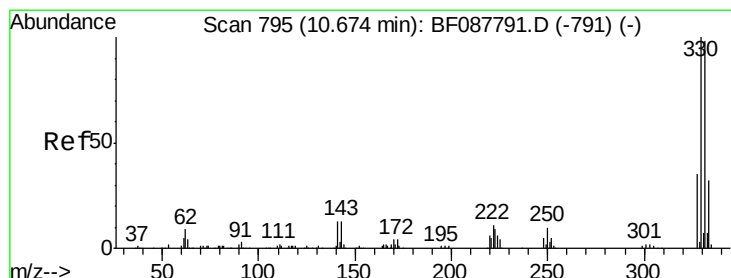
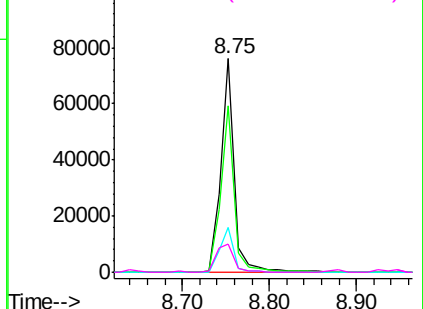
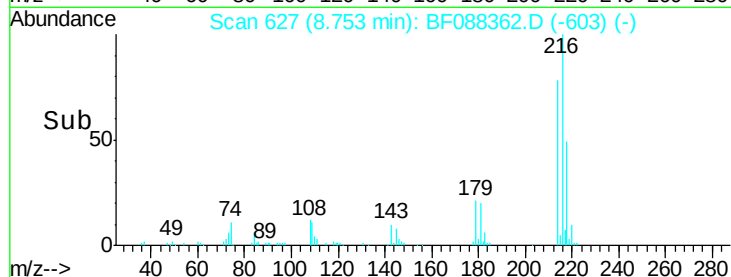


Abundance Ion 216.00 (215.70 to 216.70): E

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



#41

2,4,6-Tribromophenol

Concen: 111.46 ng

RT: 10.41 min Scan# 772

Delta R.T. -0.02 min

Lab File: BF088362.D

Acq: 25 Jun 2016 6:46

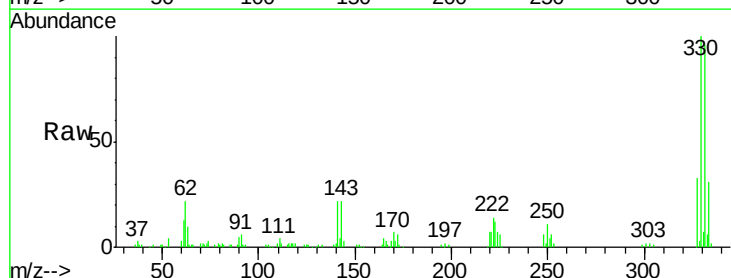
Tgt Ion:330 Resp: 140565

Ion Ratio Lower Upper

330 100

332 95.5 0.0 0.0#

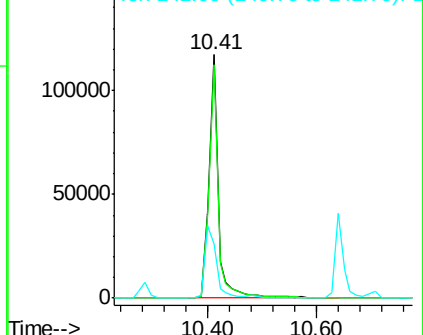
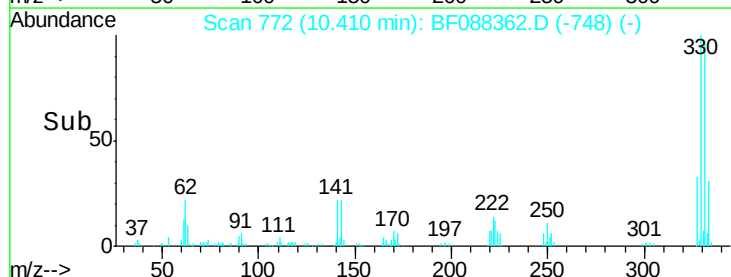
141 37.5 0.0 0.0#

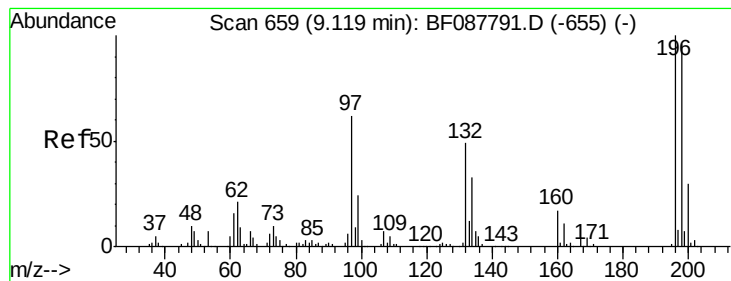


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

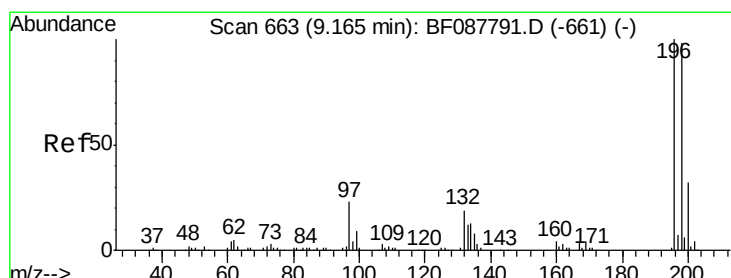
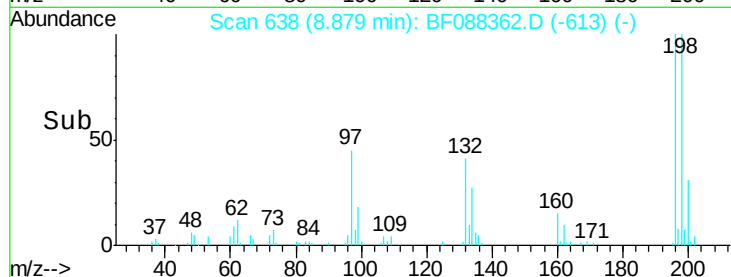
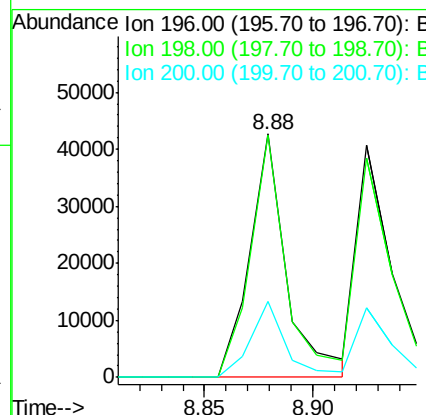
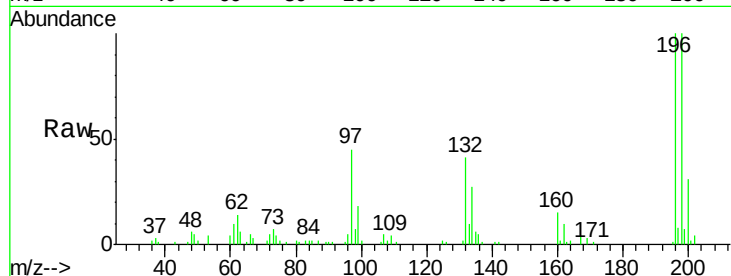




#42
 2,4,6-Trichlorophenol
 Concen: 21.08 ng
 RT: 8.88 min Scan# 638
 Delta R.T. -0.01 min
 Lab File: BF088362.D
 Acq: 25 Jun 2016 6:46

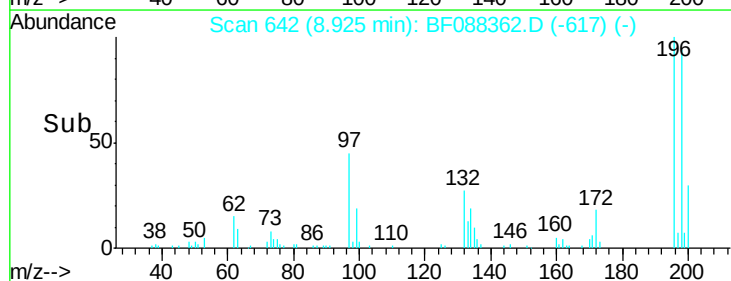
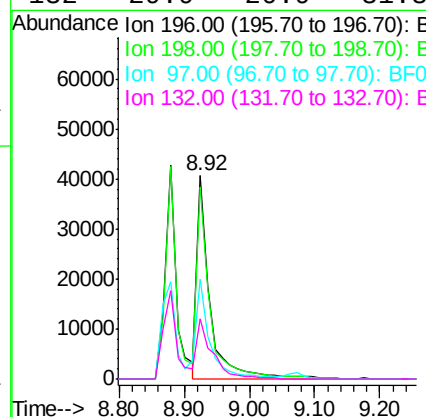
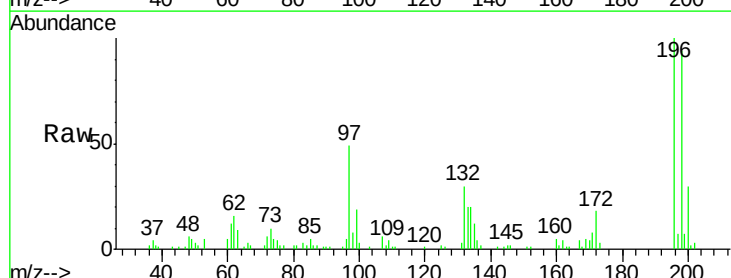
Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-55-062216MS

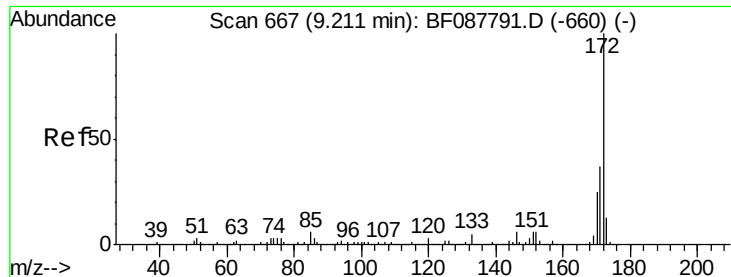
Tgt Ion:196 Resp: 50357
 Ion Ratio Lower Upper
 196 100
 198 99.7 78.0 117.0
 200 31.1 25.4 38.2



#43
 2,4,5-Trichlorophenol
 Concen: 22.89 ng
 RT: 8.92 min Scan# 642
 Delta R.T. -0.01 min
 Lab File: BF088362.D
 Acq: 25 Jun 2016 6:46

Tgt Ion:196 Resp: 56875
 Ion Ratio Lower Upper
 196 100
 198 94.5 77.5 116.3
 97 49.0 32.0 48.0#
 132 29.9 20.9 31.3

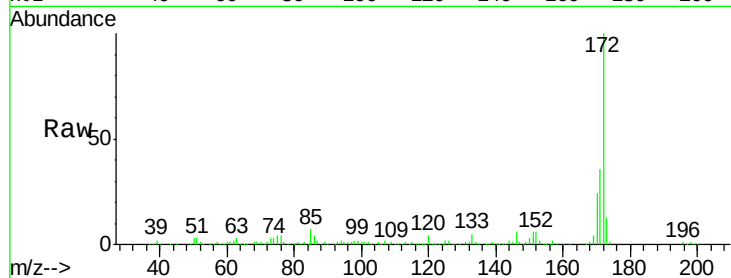




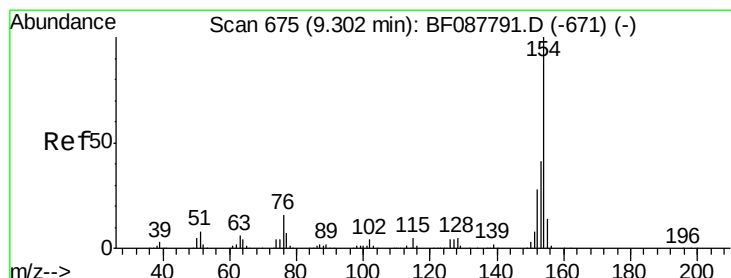
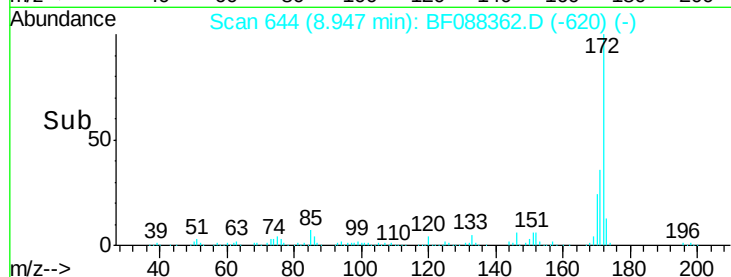
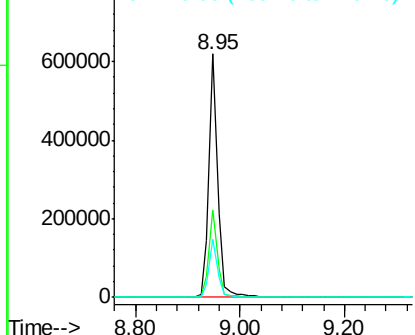
#44
 2-Fluorobiphenyl
 Concen: 96.76 ng
 RT: 8.95 min Scan# 644
 Delta R.T. -0.02 min
 Lab File: BF088362.D
 Acq: 25 Jun 2016 6:46

Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-55-062216MS

Tgt Ion:172 Resp: 729845
 Ion Ratio Lower Upper
 172 100
 171 35.8 28.6 43.0
 170 24.0 19.2 28.8

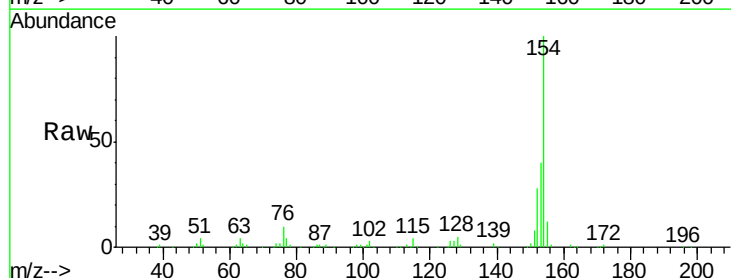


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

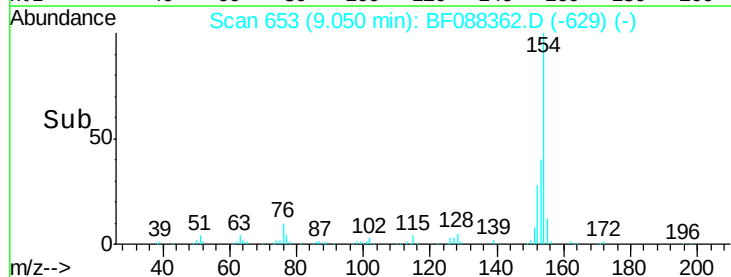
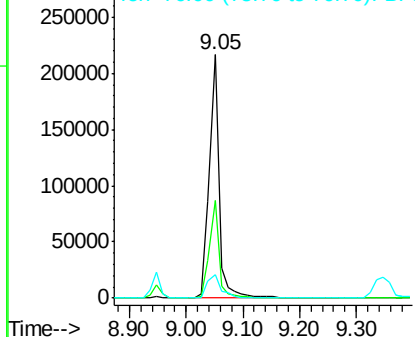


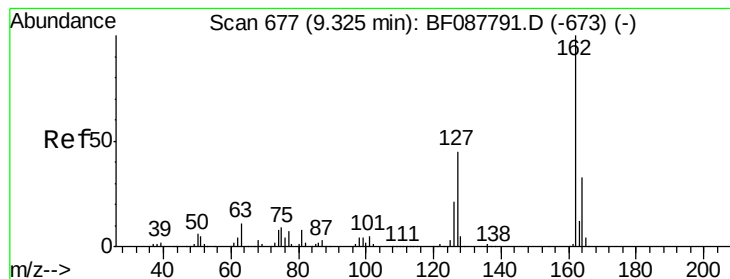
#45
 1,1'-Biphenyl
 Concen: 25.05 ng
 RT: 9.05 min Scan# 653
 Delta R.T. -0.02 min
 Lab File: BF088362.D
 Acq: 25 Jun 2016 6:46

Tgt Ion:154 Resp: 249191
 Ion Ratio Lower Upper
 154 100
 153 40.2 20.6 60.6
 76 9.6 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

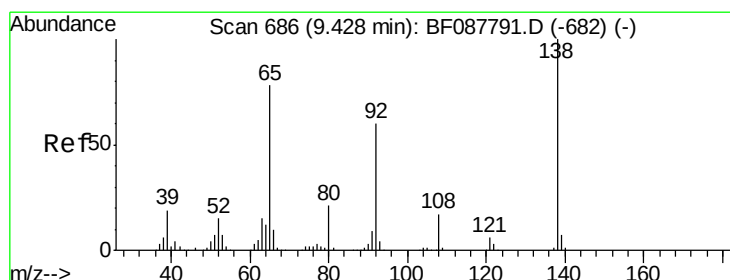
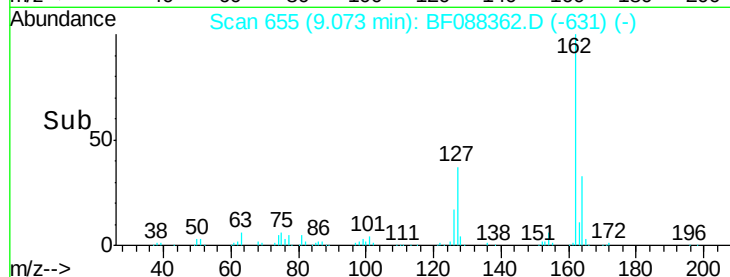
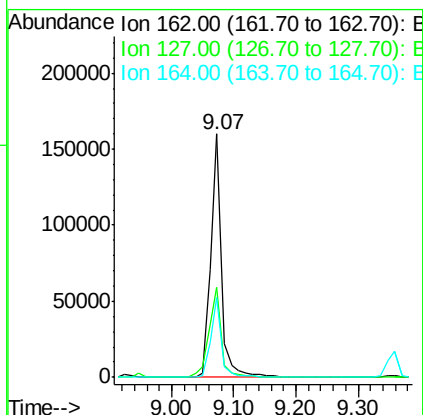
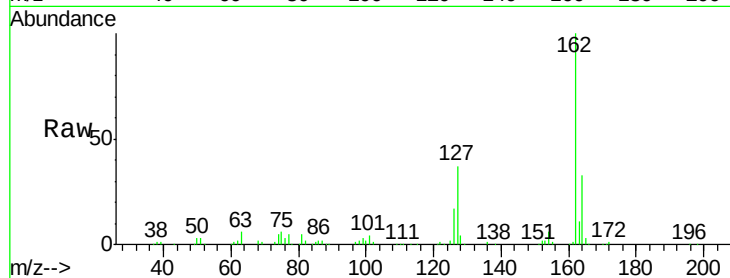




#46
 2-Chloronaphthalene
 Concen: 24.85 ng
 RT: 9.07 min Scan# 655
 Delta R.T. -0.02 min
 Lab File: BF088362.D
 Acq: 25 Jun 2016 6:46

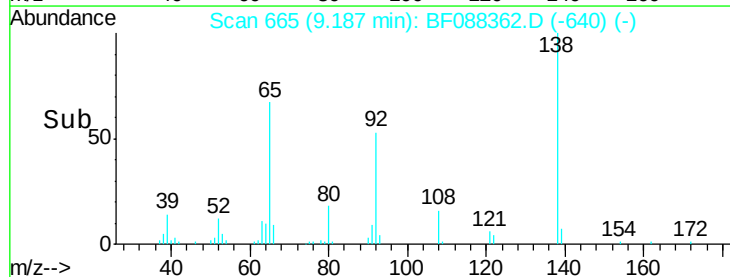
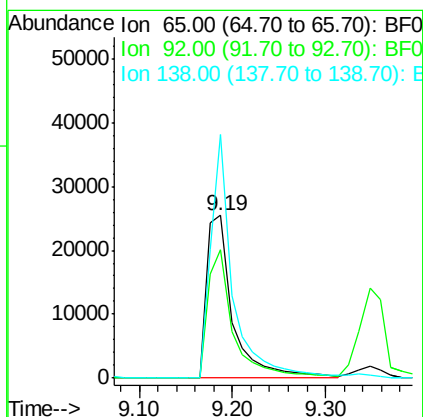
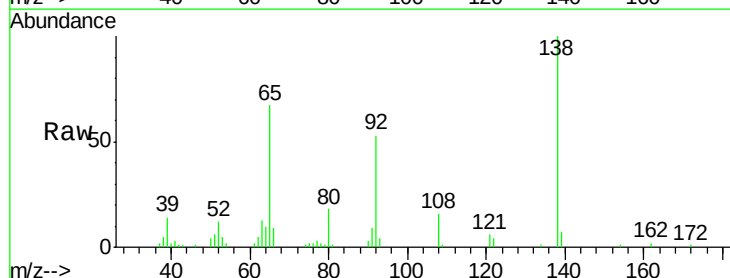
Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-55-062216MS

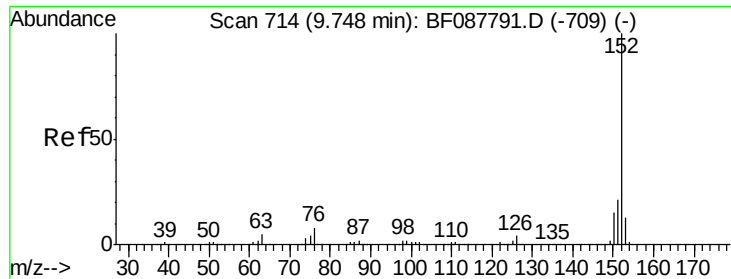
Tgt Ion: 162 Resp: 192048
 Ion Ratio Lower Upper
 162 100
 127 36.8 35.2 52.8
 164 32.9 26.6 39.8



#47
 2-Nitroaniline
 Concen: 22.07 ng
 RT: 9.19 min Scan# 665
 Delta R.T. -0.01 min
 Lab File: BF088362.D
 Acq: 25 Jun 2016 6:46

Tgt Ion: 65 Resp: 50320
 Ion Ratio Lower Upper
 65 100
 92 78.9 54.6 82.0
 138 149.9 77.0 115.4#





#48

Acenaphthylene

Concen: 22.91 ng

RT: 9.47 min Scan# 690

Delta R.T. -0.03 min

Lab File: BF088362.D

Acq: 25 Jun 2016 6:46

Instrument :

BNA_F

ClientSampleId :

HSR-WC-55-062216MS

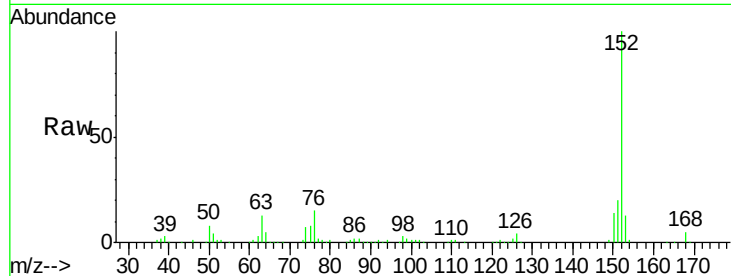
Tgt Ion:152 Resp: 281659

Ion Ratio Lower Upper

152 100

151 20.0 16.2 24.4

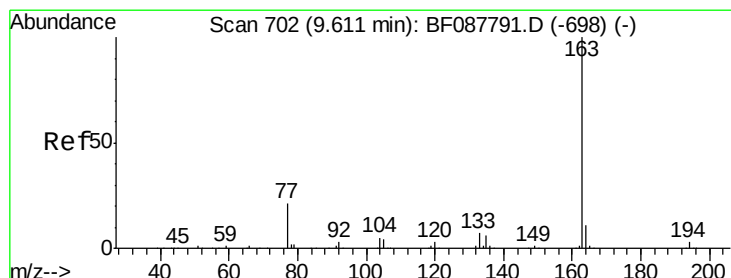
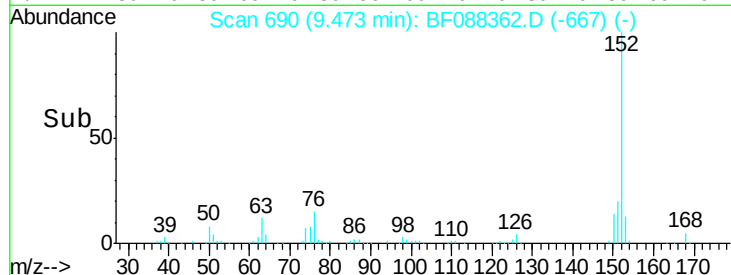
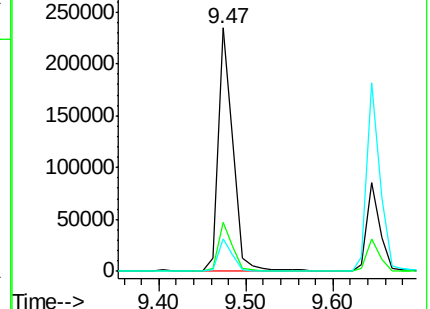
153 13.3 11.0 16.6



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: 25.94 ng

RT: 9.36 min Scan# 680

Delta R.T. -0.02 min

Lab File: BF088362.D

Acq: 25 Jun 2016 6:46

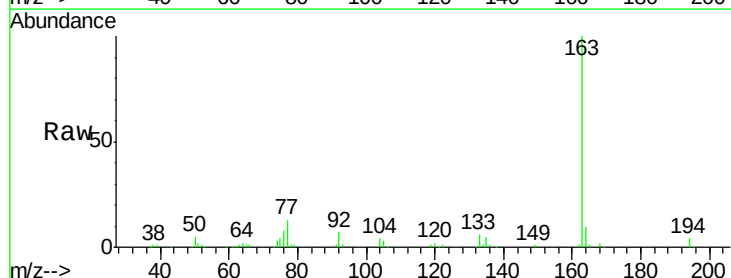
Tgt Ion:163 Resp: 224411

Ion Ratio Lower Upper

163 100

194 3.7 2.8 4.2

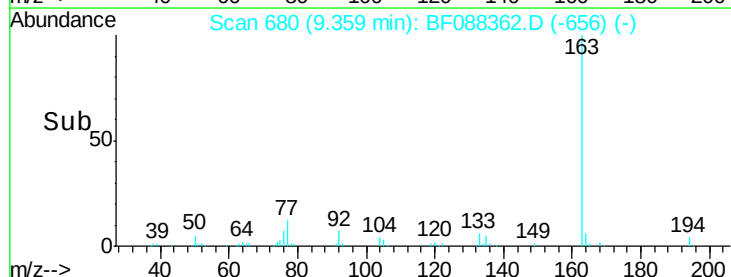
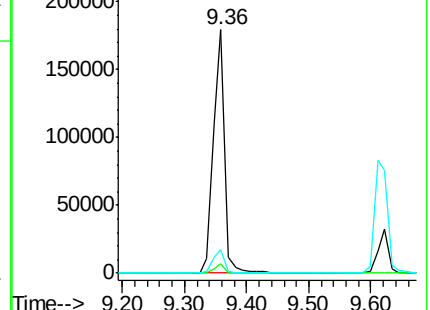
164 9.6 8.3 12.5

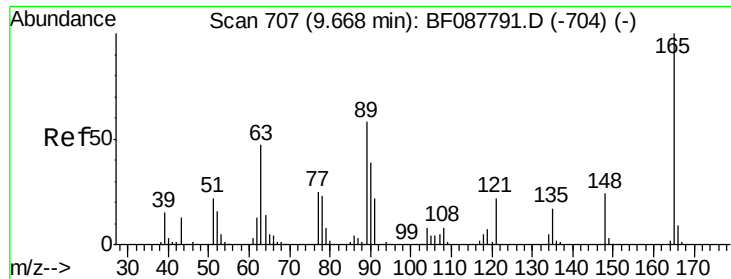


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

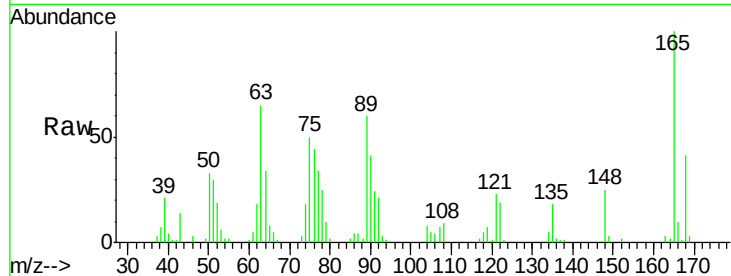




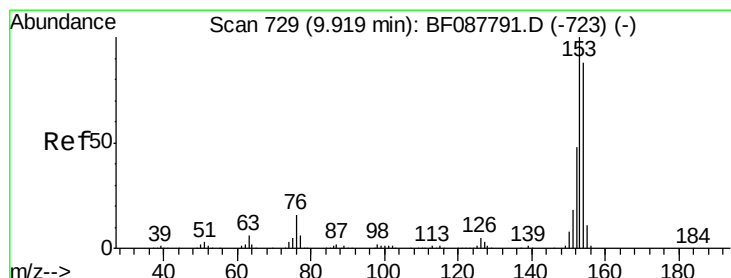
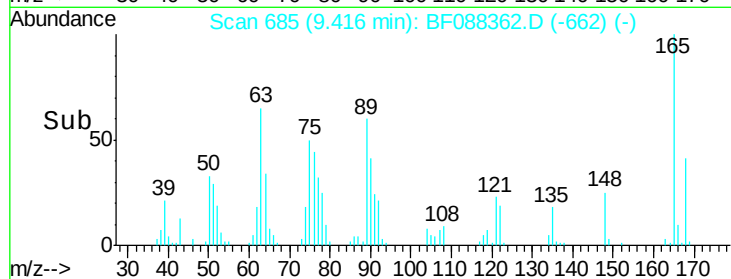
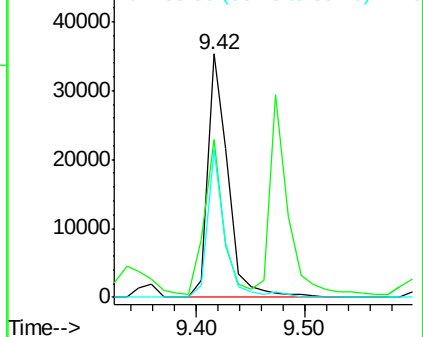
#50
2,6-Dinitrotoluene
Concen: 23.15 ng
RT: 9.42 min Scan# 685
Delta R.T. -0.03 min
Lab File: BF088362.D
Acq: 25 Jun 2016 6:46

Instrument :
BNA_F
ClientSampleId :
HSR-WC-55-062216MS

Tgt Ion:165 Resp: 45864
Ion Ratio Lower Upper
165 100
63 65.0 28.1 42.1#
89 60.4 32.2 48.2#

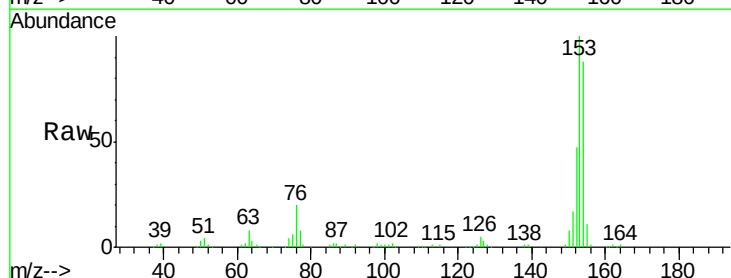


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0

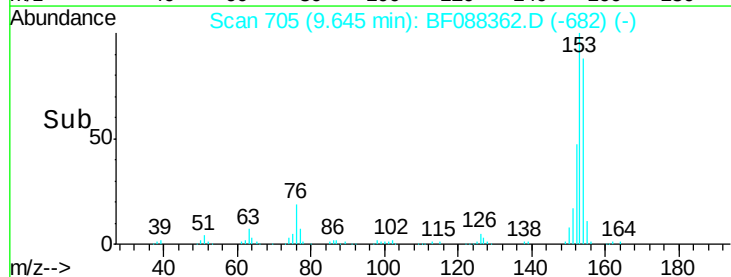
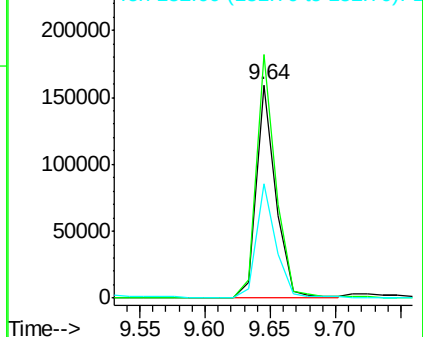


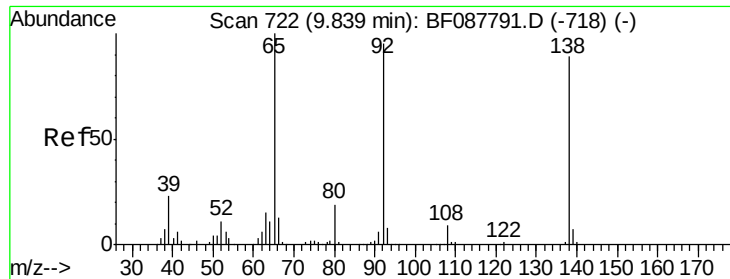
#51
Acenaphthene
Concen: 21.87 ng
RT: 9.64 min Scan# 705
Delta R.T. -0.03 min
Lab File: BF088362.D
Acq: 25 Jun 2016 6:46

Tgt Ion:154 Resp: 167685
Ion Ratio Lower Upper
154 100
153 114.1 89.5 134.3
152 53.5 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

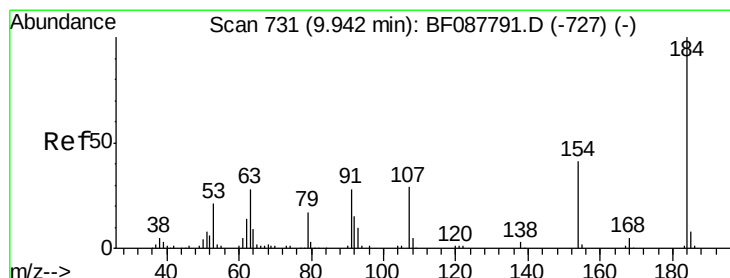
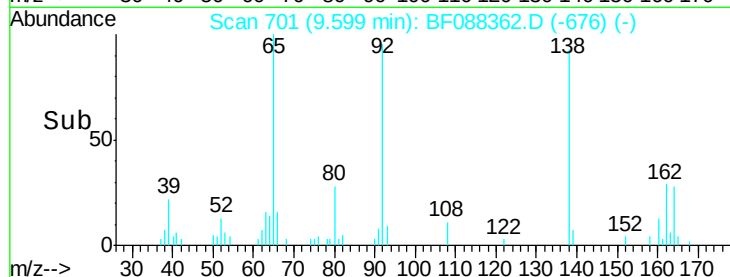
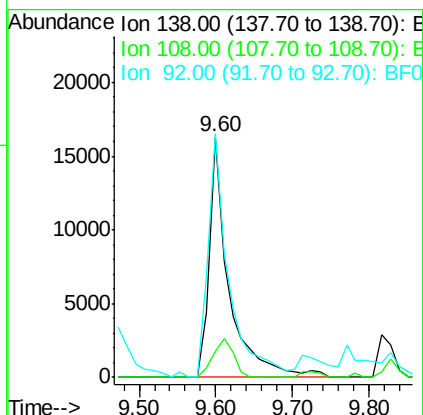
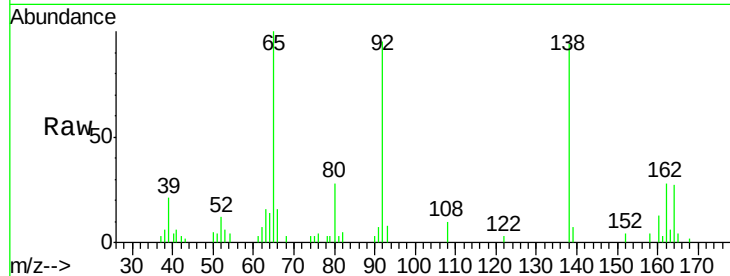




#52
3-Nitroaniline
Concen: 12.65 ng
RT: 9.60 min Scan# 701
Delta R.T. -0.01 min
Lab File: BF088362.D
Acq: 25 Jun 2016 6:46

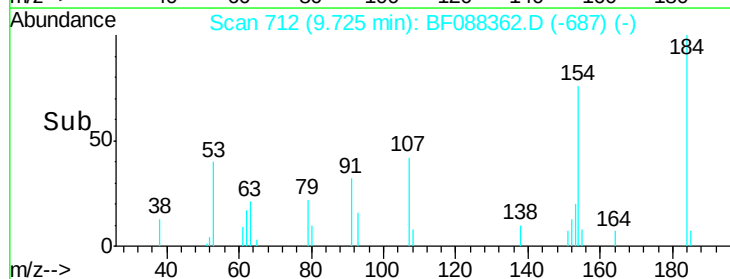
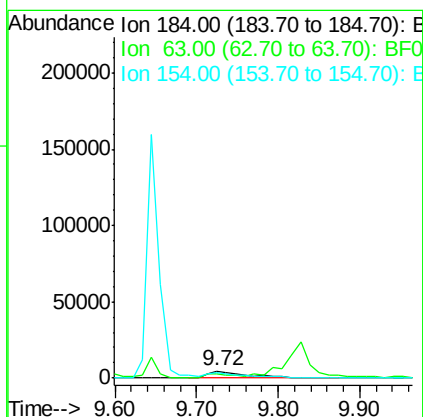
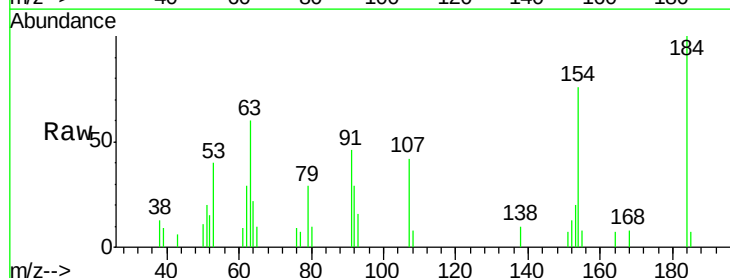
Instrument :
BNA_F
ClientSampleId :
HSR-WC-55-062216MS

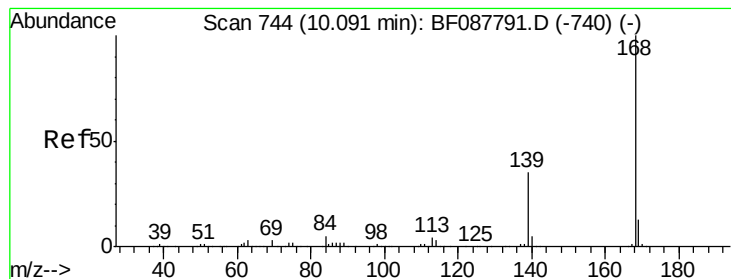
Tgt Ion:138 Resp: 28925
Ion Ratio Lower Upper
138 100
108 11.1 8.5 12.7
92 101.5 95.7 143.5



#53
2,4-Dinitrophenol
Concen: 19.66 ng
RT: 9.72 min Scan# 712
Delta R.T. -0.01 min
Lab File: BF088362.D
Acq: 25 Jun 2016 6:46

Tgt Ion:184 Resp: 15599
Ion Ratio Lower Upper
184 100
63 60.4 57.6 86.4
154 76.3 53.5 80.3





#54

Dibenzofuran

Concen: 23.52 ng

RT: 9.82 min Scan# 720

Delta R.T. -0.03 min

Lab File: BF088362.D

Acq: 25 Jun 2016 6:46

Instrument :

BNA_F

ClientSampleId :

HSR-WC-55-062216MS

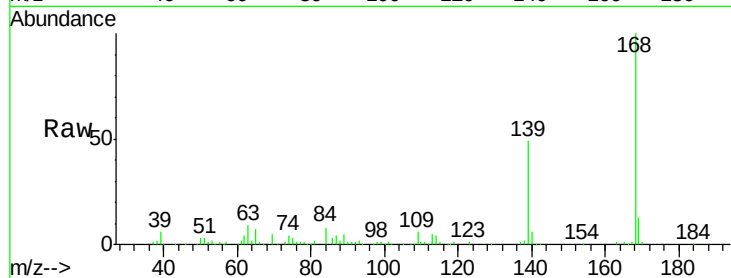
Tgt Ion:168 Resp: 248391

Ion Ratio Lower Upper

168 100

139 48.6 26.4 39.6#

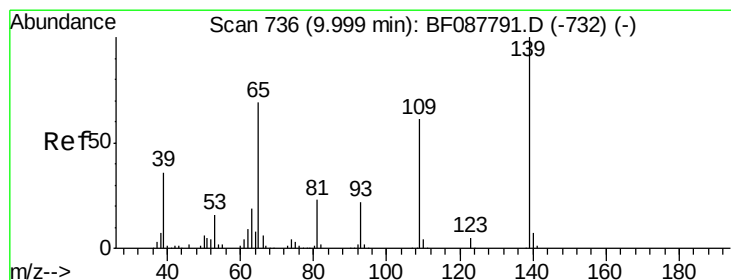
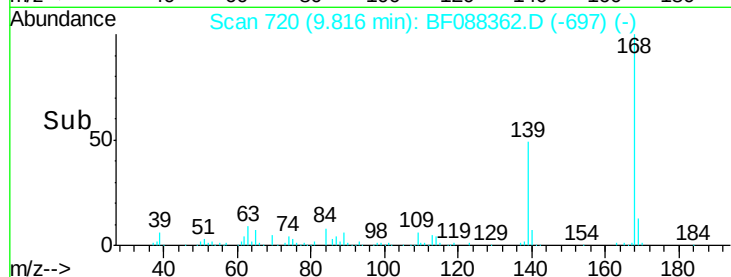
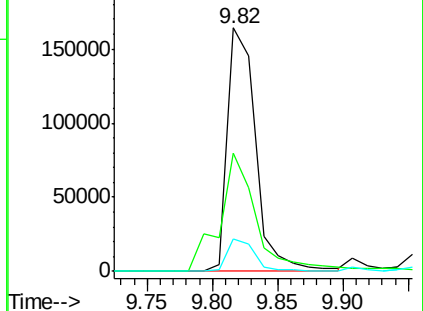
169 13.4 10.4 15.6



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: 93.48 ng

RT: 9.82 min Scan# 720

Delta R.T. 0.01 min

Lab File: BF088362.D

Acq: 25 Jun 2016 6:46

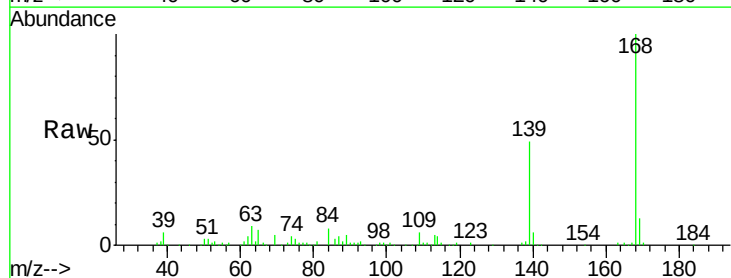
Tgt Ion:139 Resp: 165879

Ion Ratio Lower Upper

139 100

109 11.5 48.9 88.9#

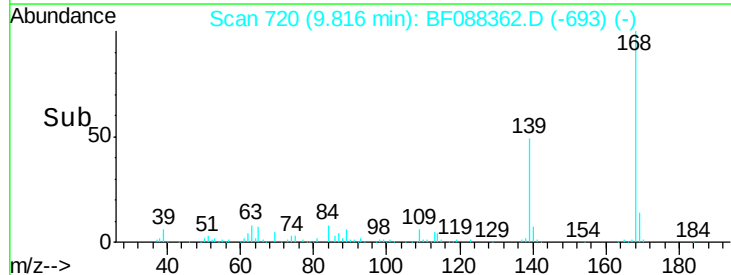
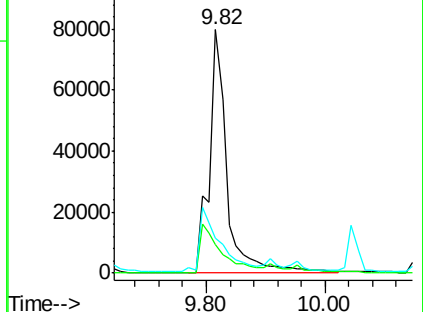
65 14.6 84.9 124.9#

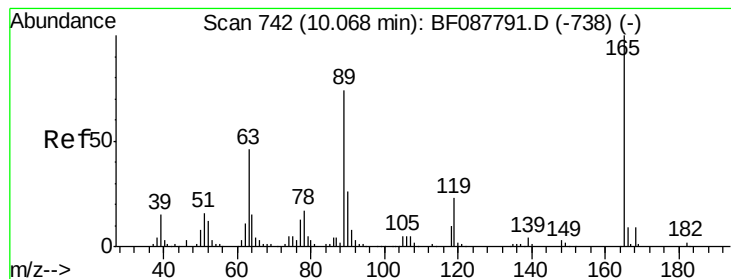


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0





#56

2,4-Dinitrotoluene

Concen: 23.06 ng

RT: 9.83 min Scan# 721

Delta R.T. -0.02 min

Lab File: BF088362.D

Acq: 25 Jun 2016 6:46

Instrument :

BNA_F

ClientSampleId :

HSR-WC-55-062216MS

Tgt Ion:165 Resp: 58718

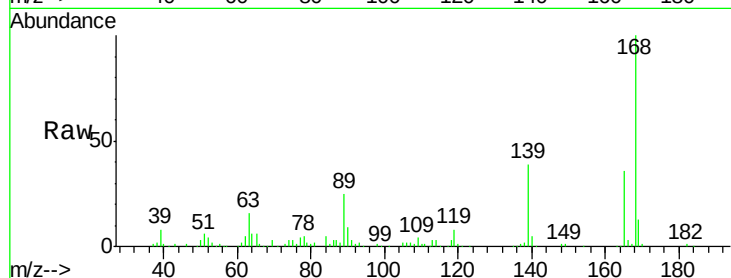
Ion Ratio Lower Upper

165 100

63 45.2 22.0 33.0#

89 70.3 41.1 61.7#

182 2.6 2.0 3.0

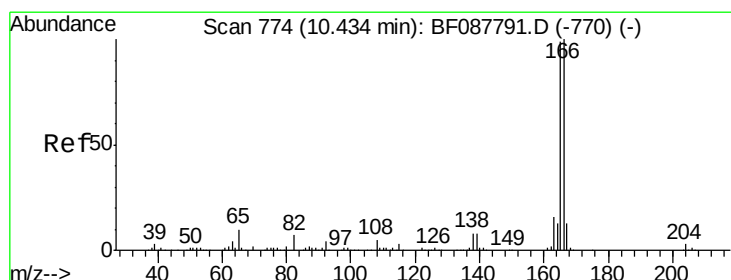
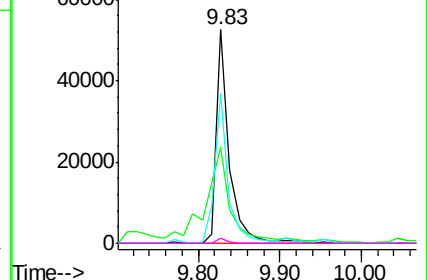
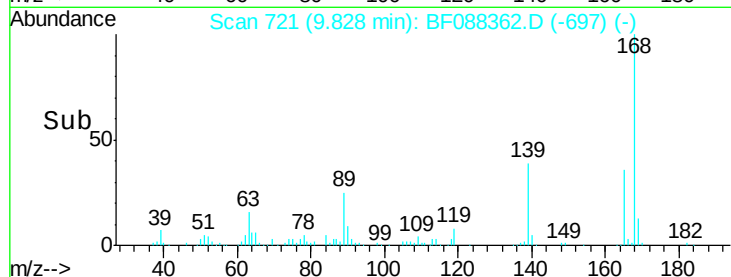


Abundance Ion 165.00 (164.70 to 165.70): E

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: 25.63 ng

RT: 10.16 min Scan# 750

Delta R.T. -0.03 min

Lab File: BF088362.D

Acq: 25 Jun 2016 6:46

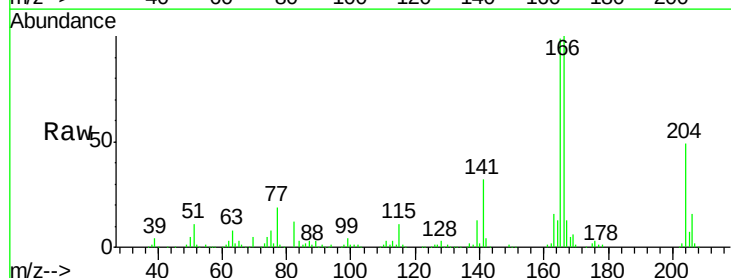
Tgt Ion:166 Resp: 197782

Ion Ratio Lower Upper

166 100

165 98.9 77.8 116.8

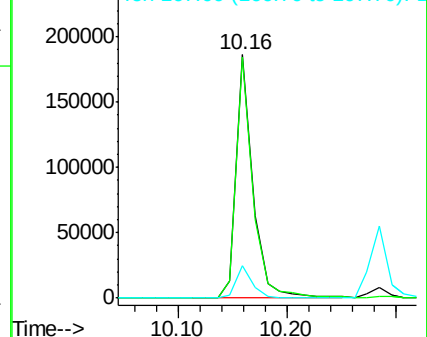
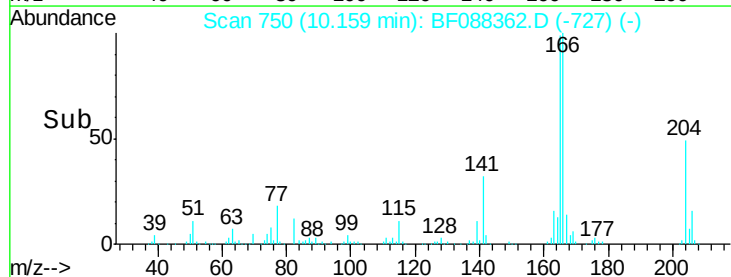
167 13.5 11.2 16.8

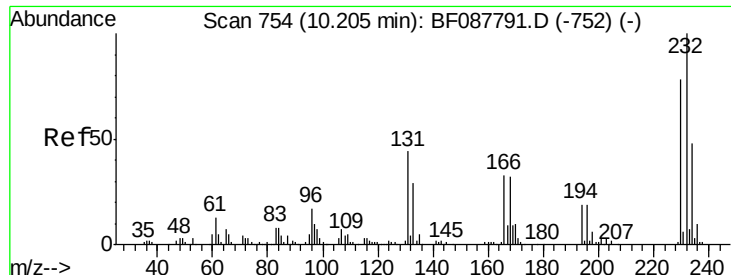


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

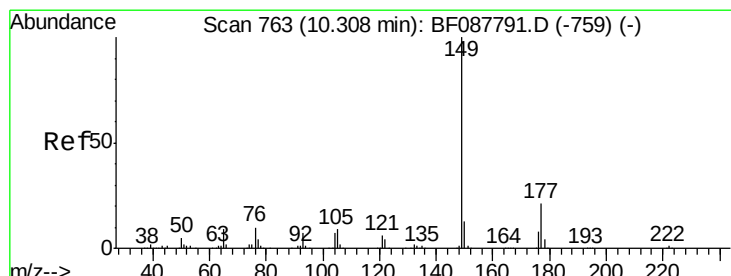
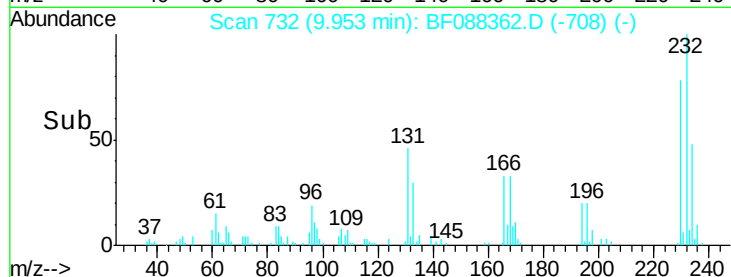
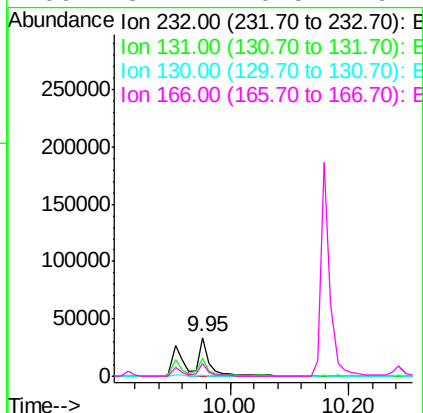
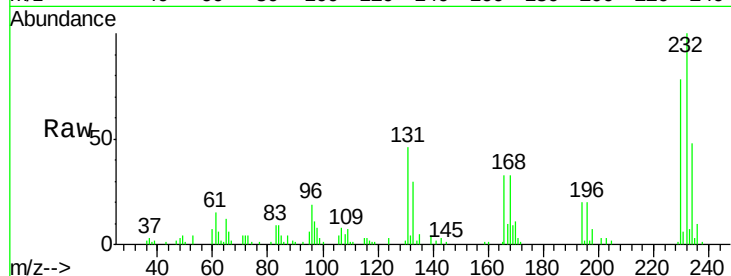




#58
 2,3,4,6-Tetrachlorophenol
 Concen: 24.01 ng
 RT: 9.95 min Scan# 732
 Delta R.T. -0.02 min
 Lab File: BF088362.D
 Acq: 25 Jun 2016 6:46

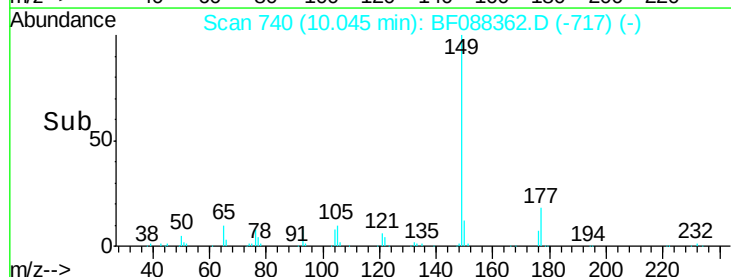
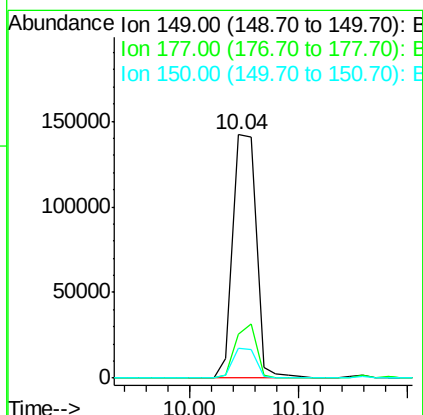
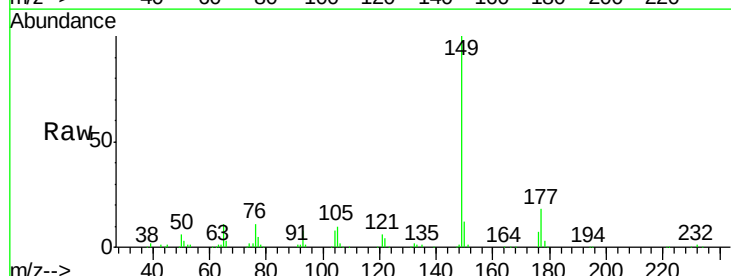
Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-55-062216MS

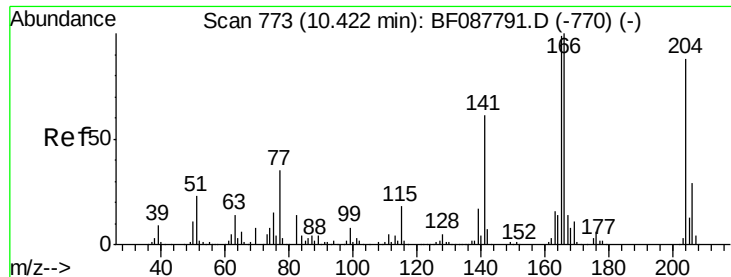
Tgt Ion: 232 Resp: 46880
 Ion Ratio Lower Upper
 232 100
 131 40.5 0.9 1.3#
 130 1.1 1.5 2.3#
 166 32.4 0.5 0.7#



#59
 Diethylphthalate
 Concen: 24.09 ng
 RT: 10.04 min Scan# 740
 Delta R.T. -0.03 min
 Lab File: BF088362.D
 Acq: 25 Jun 2016 6:46

Tgt Ion: 149 Resp: 210934
 Ion Ratio Lower Upper
 149 100
 177 18.0 16.9 25.3
 150 12.4 10.1 15.1

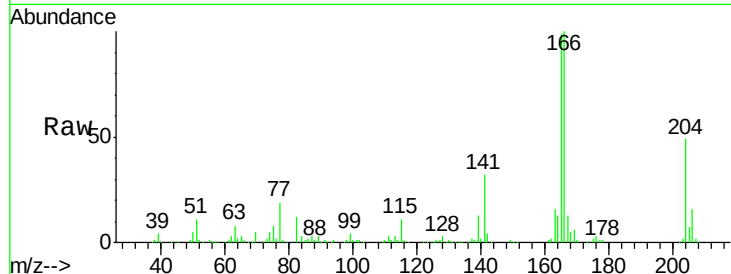




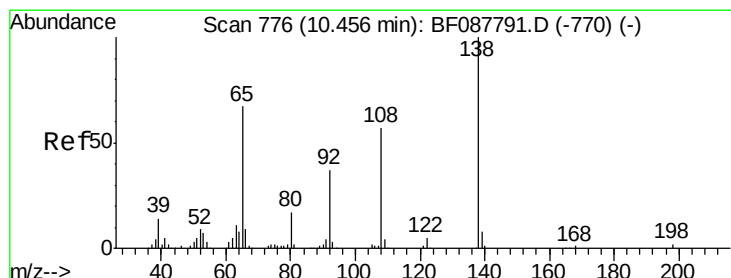
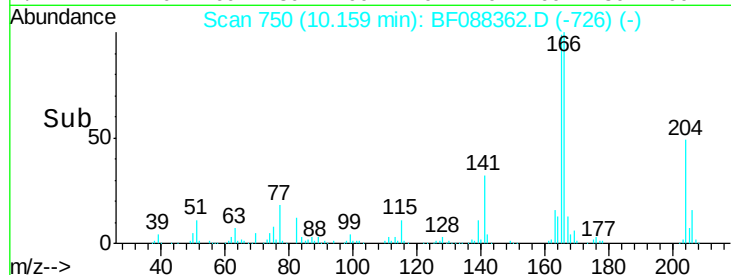
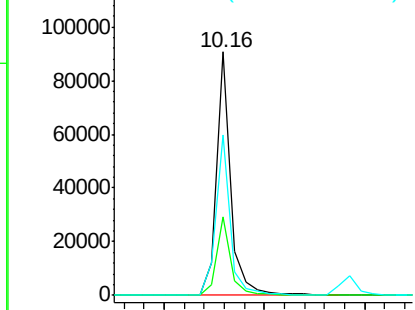
#60
4-Chlorophenyl-phenylether
Concen: 25.36 ng
RT: 10.16 min Scan# 750
Delta R.T. -0.02 min
Lab File: BF088362.D
Acq: 25 Jun 2016 6:46

Instrument :
BNA_F
ClientSampleId :
HSR-WC-55-062216MS

Tgt Ion:204 Resp: 89086
Ion Ratio Lower Upper
204 100
206 32.1 26.3 39.5
141 65.7 55.0 82.6

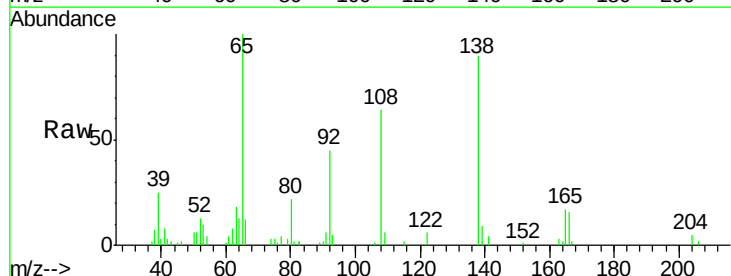


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

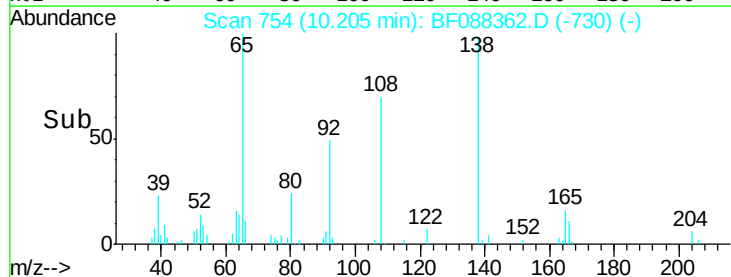
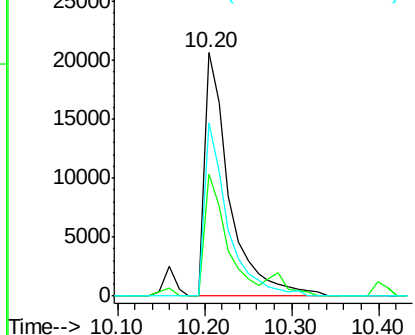


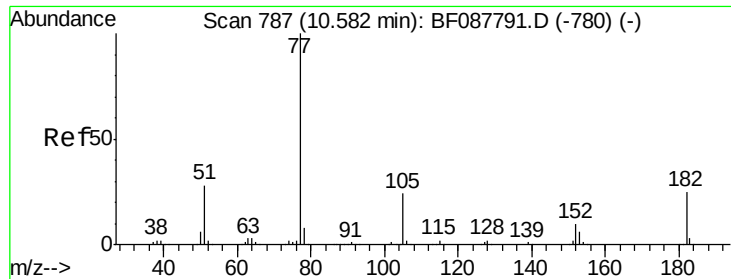
#61
4-Nitroaniline
Concen: 18.79 ng
RT: 10.20 min Scan# 754
Delta R.T. -0.02 min
Lab File: BF088362.D
Acq: 25 Jun 2016 6:46

Tgt Ion:138 Resp: 40756
Ion Ratio Lower Upper
138 100
92 50.3 27.3 67.3
108 71.2 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: 23.55 ng

RT: 10.32 min Scan# 764

Delta R.T. -0.02 min

Lab File: BF088362.D

Acq: 25 Jun 2016 6:46

Instrument :

BNA_F

ClientSampleId :

HSR-WC-55-062216MS

Tgt Ion: 77 Resp: 203986

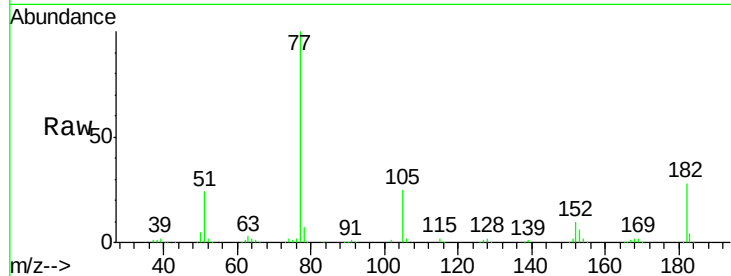
Ion Ratio Lower Upper

77 100

182 28.1 4.4 44.4

105 24.6 3.8 43.8

51 24.3 9.3 49.3

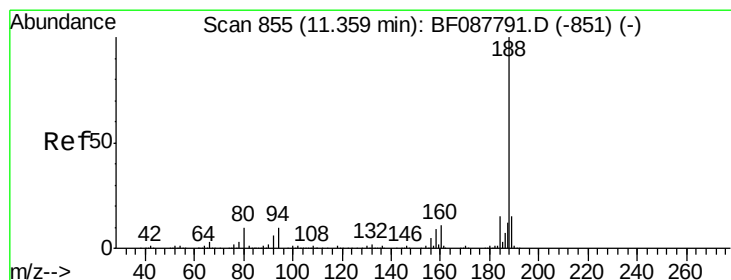
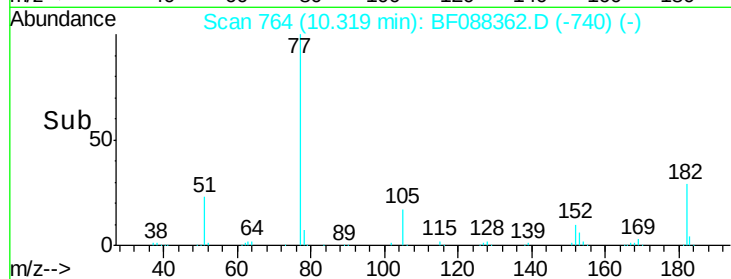
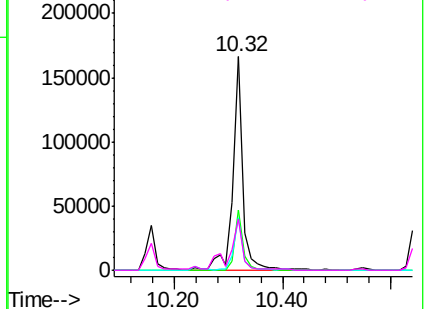


Abundance Ion 77.00 (76.70 to 77.70): BF0

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: 11.10 min Scan# 832

Delta R.T. -0.02 min

Lab File: BF088362.D

Acq: 25 Jun 2016 6:46

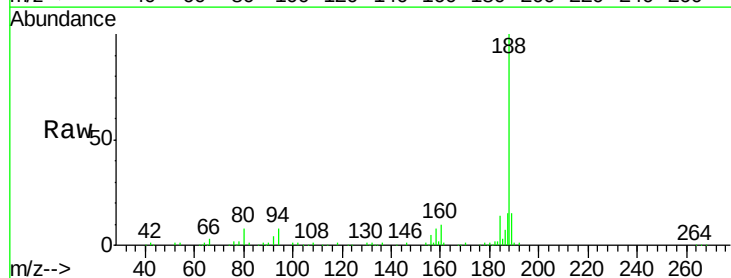
Tgt Ion: 188 Resp: 188808

Ion Ratio Lower Upper

188 100

94 7.8 9.0 13.6#

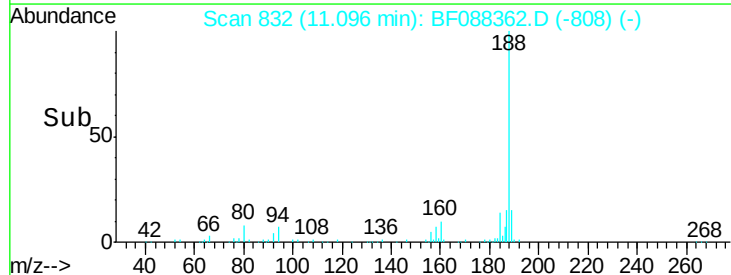
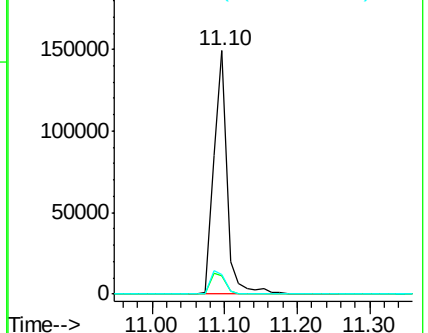
80 8.1 10.0 15.0#

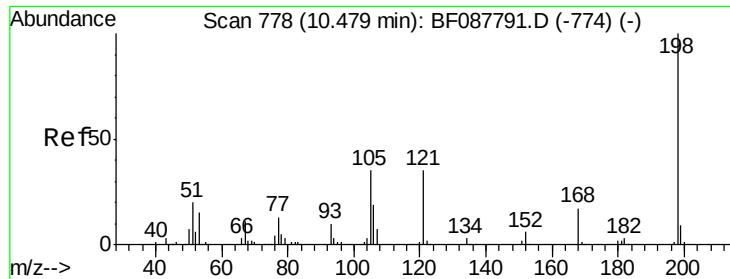


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

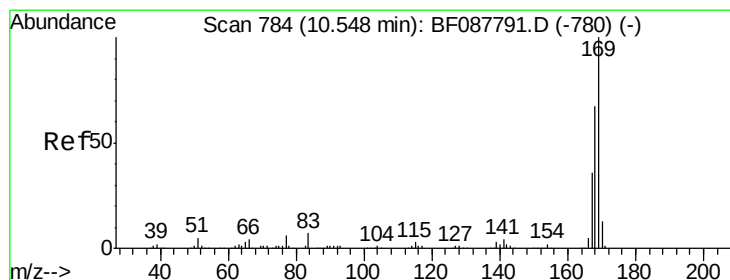
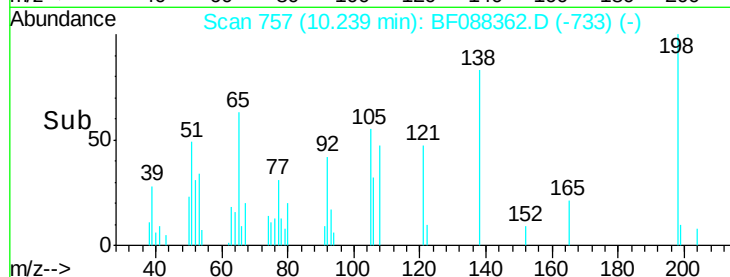
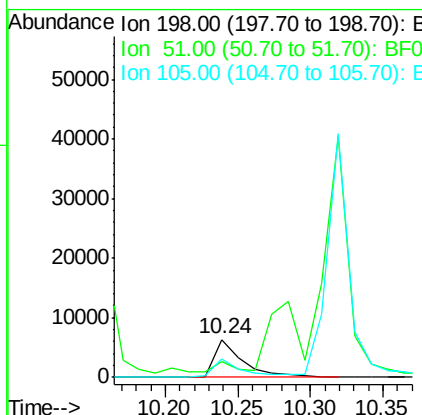
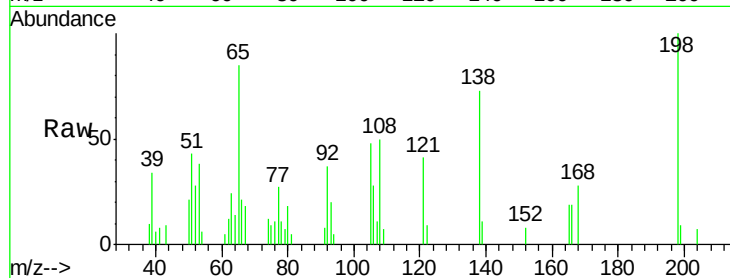




#64
 4,6-Dinitro-2-methylphenol
 Concen: 9.16 ng
 RT: 10.24 min Scan# 757
 Delta R.T. -0.02 min
 Lab File: BF088362.D
 Acq: 25 Jun 2016 6:46

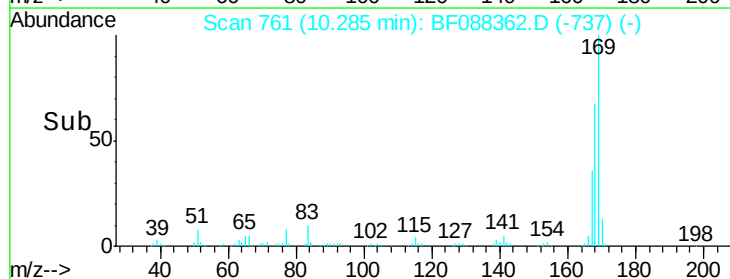
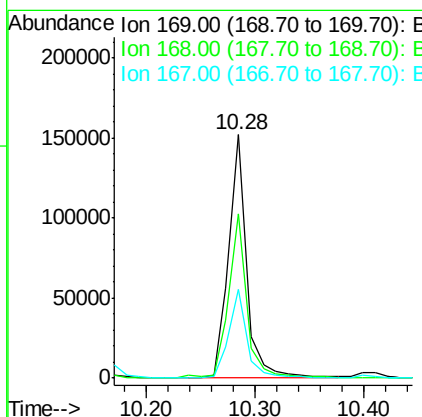
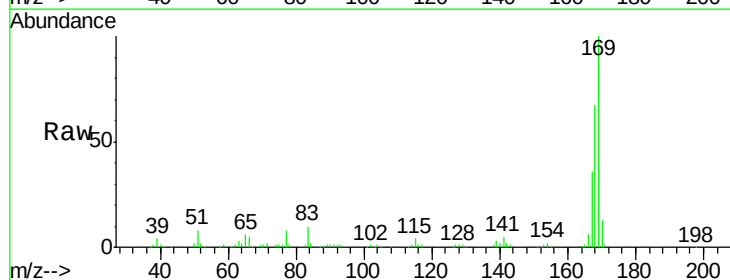
Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-55-062216MS

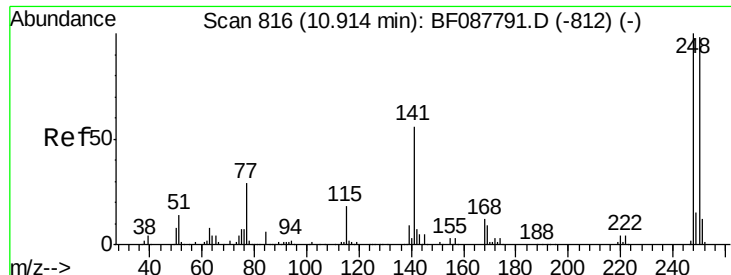
Tgt Ion:198 Resp: 8632
 Ion Ratio Lower Upper
 198 100
 51 43.1 39.6 79.6
 105 48.2 36.6 76.6



#65
 n-Nitrosodiphenylamine
 Concen: 28.02 ng
 RT: 10.28 min Scan# 761
 Delta R.T. -0.02 min
 Lab File: BF088362.D
 Acq: 25 Jun 2016 6:46

Tgt Ion:169 Resp: 175535
 Ion Ratio Lower Upper
 169 100
 168 67.3 53.4 80.0
 167 36.3 29.4 44.0

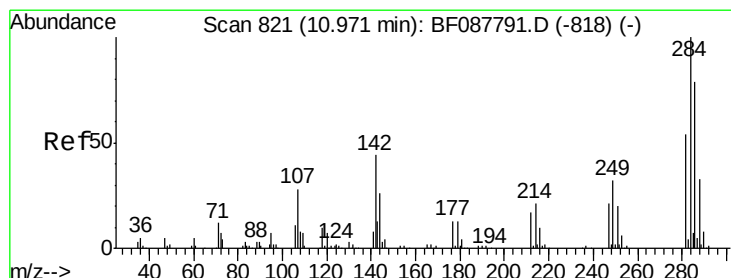
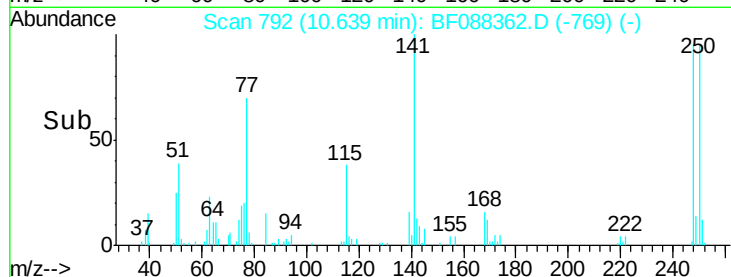
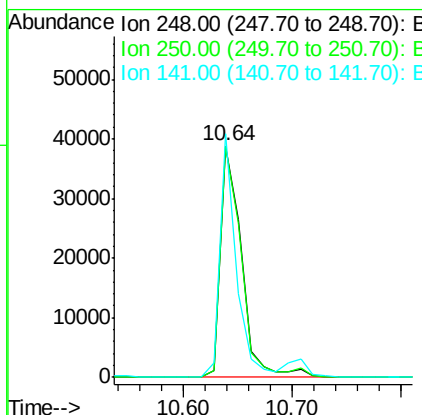
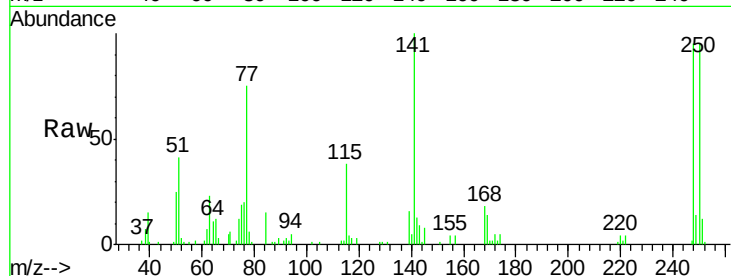




#66
 4-Bromophenyl-phenylether
 Concen: 25.80 ng
 RT: 10.64 min Scan# 792
 Delta R.T. -0.03 min
 Lab File: BF088362.D
 Acq: 25 Jun 2016 6:46

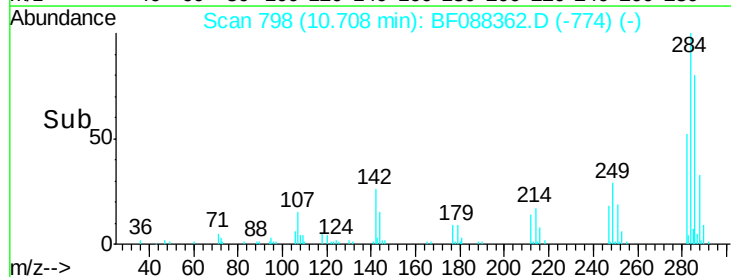
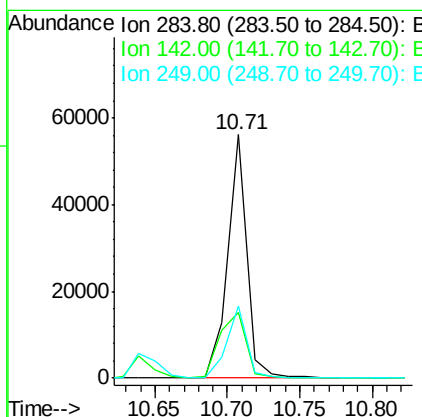
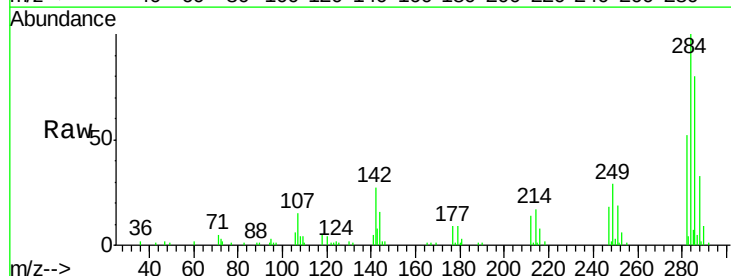
Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-55-062216MS

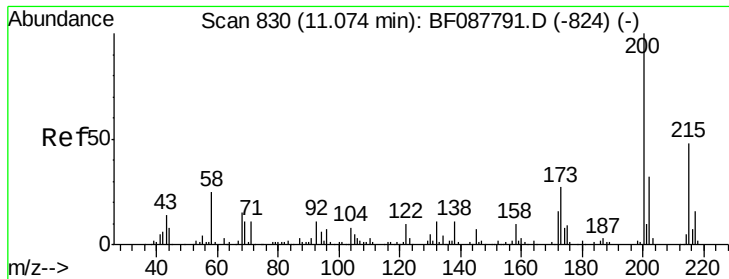
Tgt Ion:248 Resp: 52258
 Ion Ratio Lower Upper
 248 100
 250 99.7 77.1 115.7
 141 105.4 50.6 76.0#



#67
 Hexachlorobenzene
 Concen: 24.39 ng
 RT: 10.71 min Scan# 798
 Delta R.T. -0.02 min
 Lab File: BF088362.D
 Acq: 25 Jun 2016 6:46

Tgt Ion:284 Resp: 51322
 Ion Ratio Lower Upper
 284 100
 142 27.1 35.8 53.8#
 249 29.4 25.8 38.6

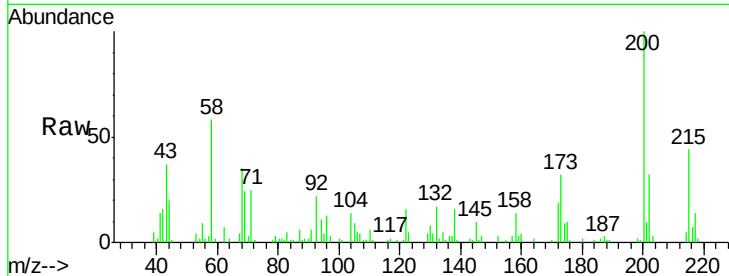




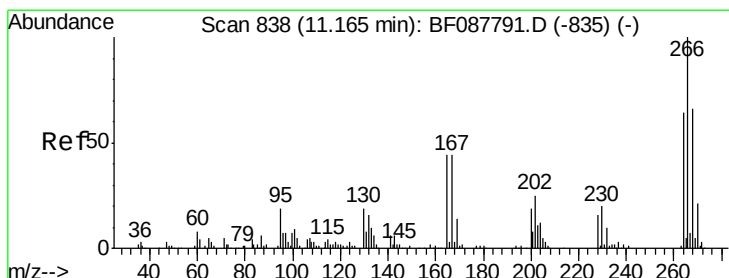
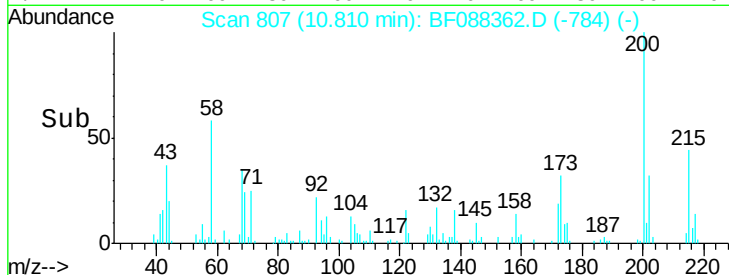
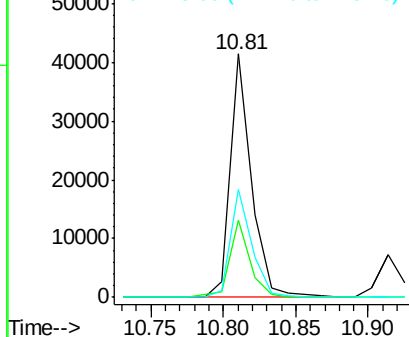
#68
Atrazine
Concen: 22.17 ng
RT: 10.81 min Scan# 807
Delta R.T. -0.03 min
Lab File: BF088362.D
Acq: 25 Jun 2016 6:46

Instrument :
BNA_F
ClientSampleId :
HSR-WC-55-062216MS

Tgt Ion:200 Resp: 42063
Ion Ratio Lower Upper
200 100
173 31.7 4.0 44.0
215 44.2 29.3 69.3

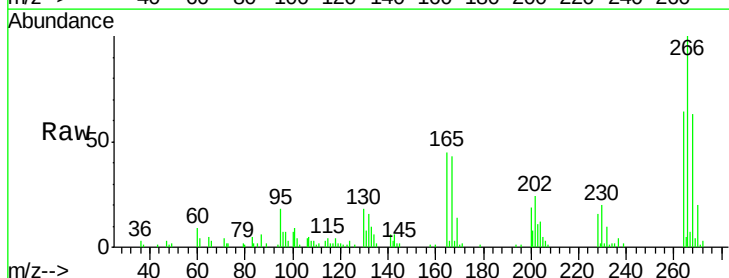


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

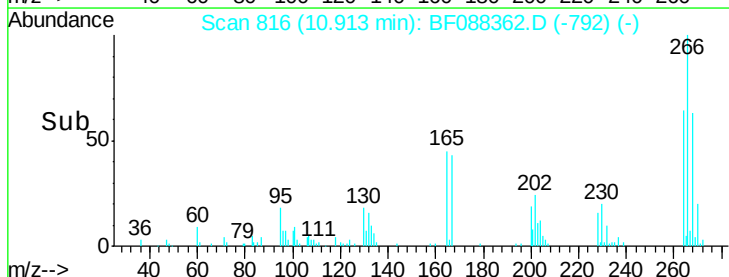
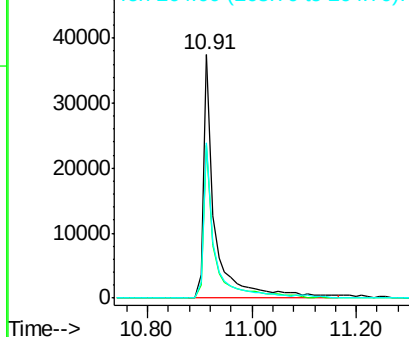


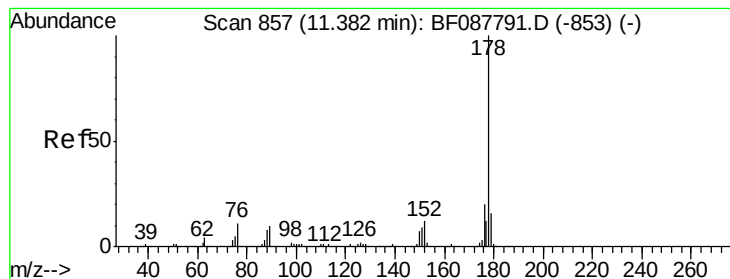
#69
Pentachlorophenol
Concen: 52.01 ng
RT: 10.91 min Scan# 816
Delta R.T. -0.02 min
Lab File: BF088362.D
Acq: 25 Jun 2016 6:46

Tgt Ion:266 Resp: 57701
Ion Ratio Lower Upper
266 100
268 62.8 52.8 79.2
264 63.7 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: 24.01 ng

RT: 11.12 min Scan# 834

Delta R.T. -0.02 min

Lab File: BF088362.D

Acq: 25 Jun 2016 6:46

Instrument :

BNA_F

ClientSampleId :

HSR-WC-55-062216MS

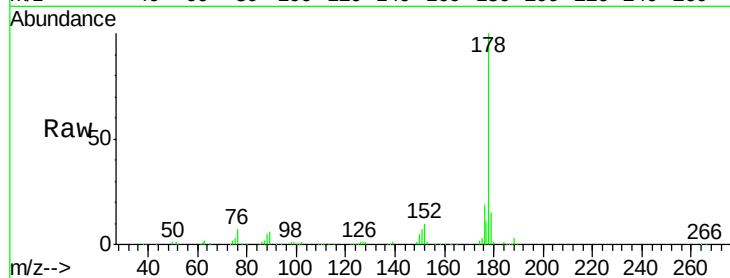
Tgt Ion:178 Resp: 237875

Ion Ratio Lower Upper

178 100

176 18.7 15.8 23.6

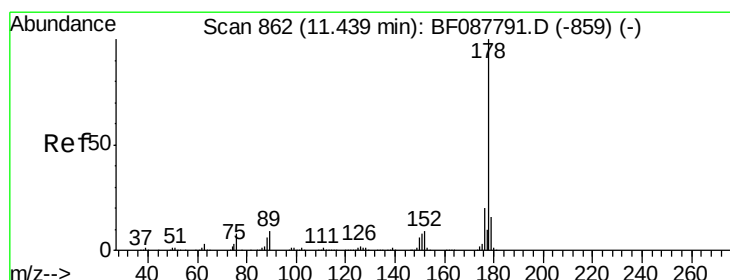
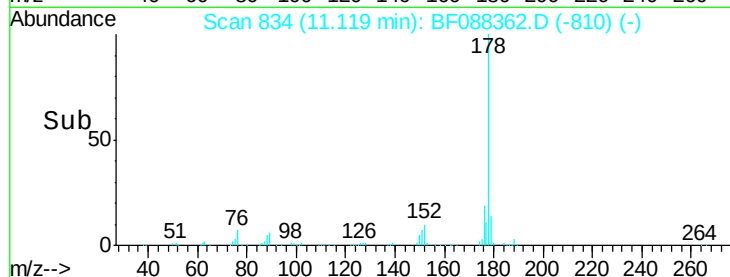
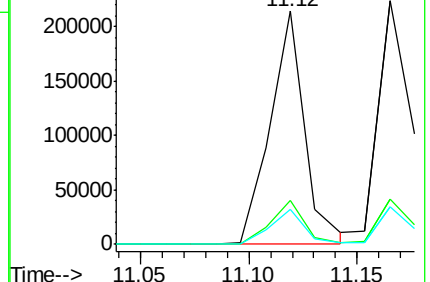
179 15.1 13.0 19.4



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: 26.71 ng

RT: 11.16 min Scan# 838

Delta R.T. -0.03 min

Lab File: BF088362.D

Acq: 25 Jun 2016 6:46

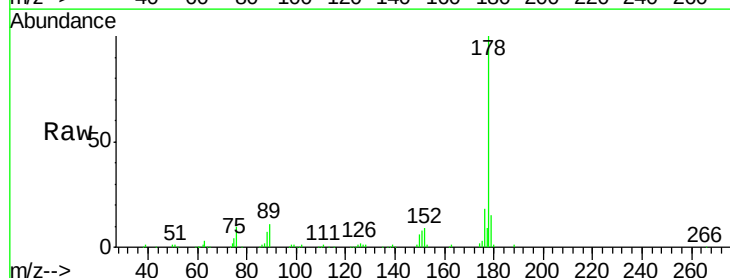
Tgt Ion:178 Resp: 266910

Ion Ratio Lower Upper

178 100

176 18.4 15.6 23.4

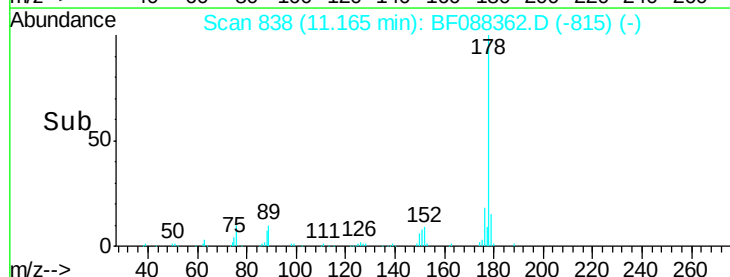
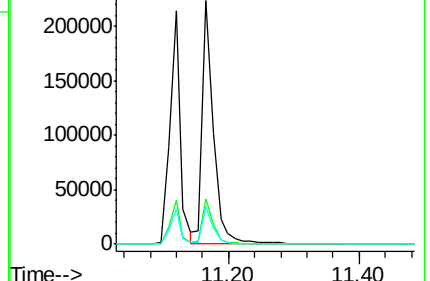
179 15.4 12.8 19.2

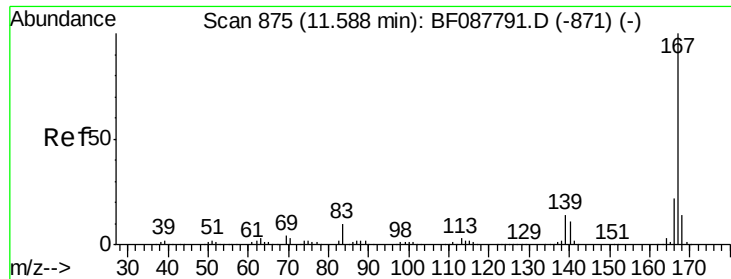


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

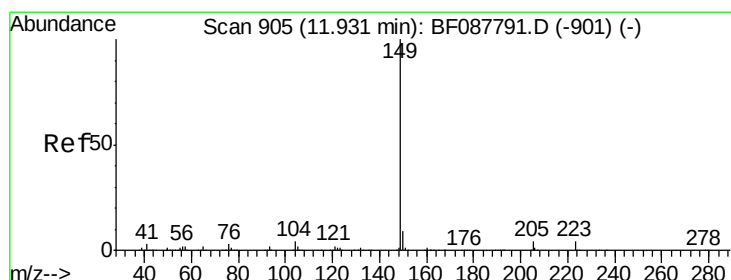
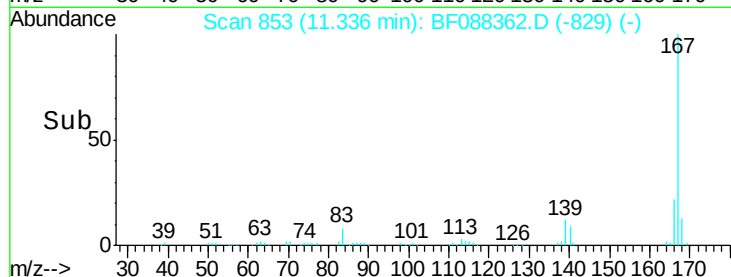
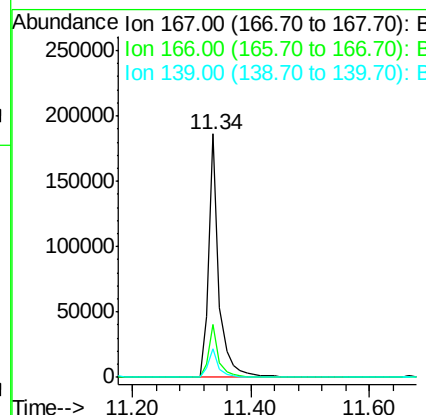
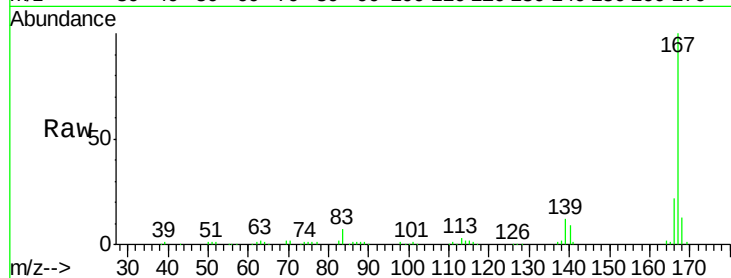




#72
 Carbazole
 Concen: 24.46 ng
 RT: 11.34 min Scan# 853
 Delta R.T. -0.02 min
 Lab File: BF088362.D
 Acq: 25 Jun 2016 6:46

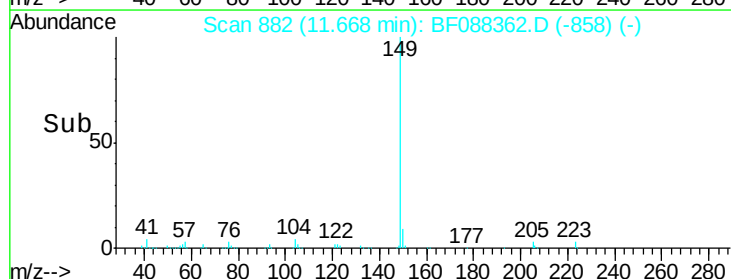
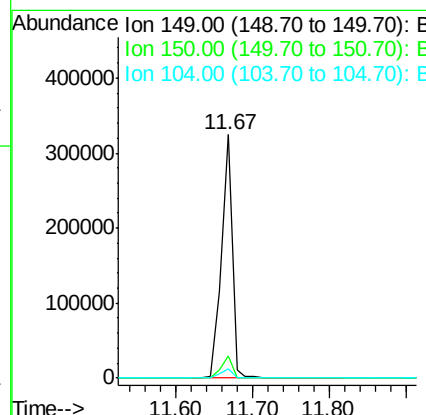
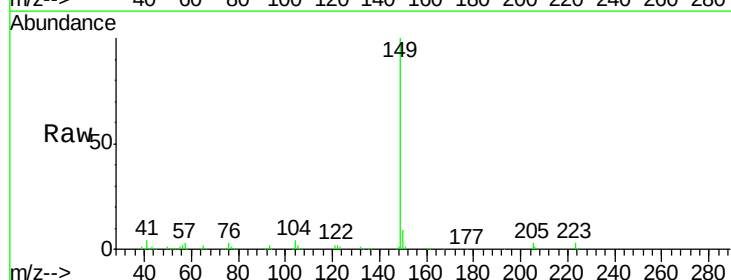
Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-55-062216MS

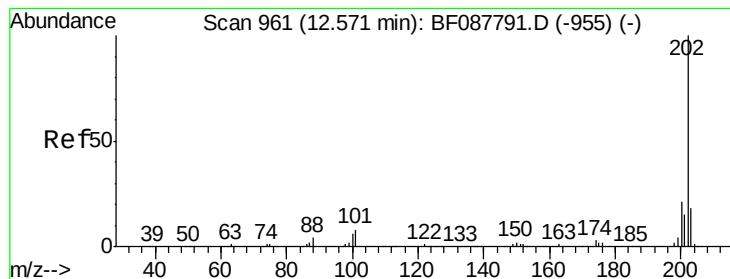
Tgt Ion:167 Resp: 228782
 Ion Ratio Lower Upper
 167 100
 166 21.6 17.8 26.6
 139 12.0 11.2 16.8



#73
 Di-n-butylphthalate
 Concen: 26.67 ng
 RT: 11.67 min Scan# 882
 Delta R.T. -0.02 min
 Lab File: BF088362.D
 Acq: 25 Jun 2016 6:46

Tgt Ion:149 Resp: 315737
 Ion Ratio Lower Upper
 149 100
 150 9.1 7.8 11.6
 104 3.9 4.0 6.0#





#74

Fluoranthene

Concen: 22.73 ng

RT: 12.30 min Scan# 937

Delta R.T. -0.02 min

Lab File: BF088362.D

Acq: 25 Jun 2016 6:46

Instrument :

BNA_F

ClientSampleId :

HSR-WC-55-062216MS

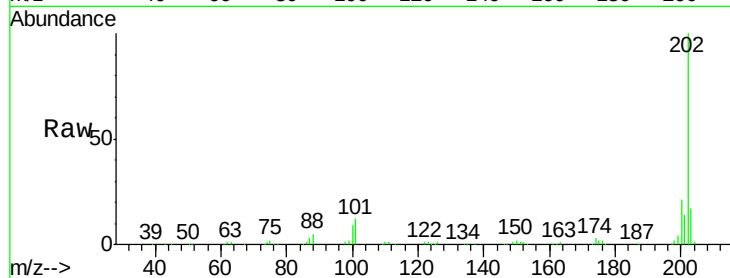
Tgt Ion:202 Resp: 237649

Ion Ratio Lower Upper

202 100

101 11.7 0.0 33.1

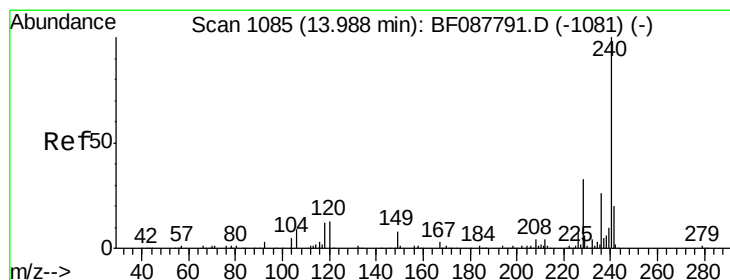
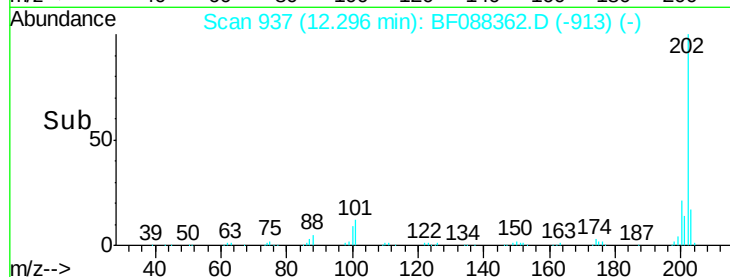
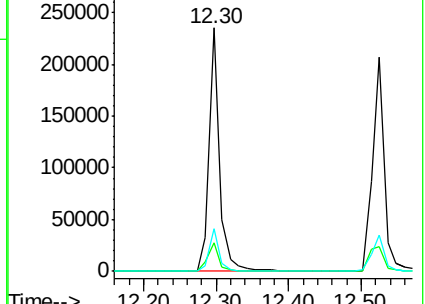
203 17.5 0.0 38.1



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.71 min Scan# 1061

Delta R.T. -0.03 min

Lab File: BF088362.D

Acq: 25 Jun 2016 6:46

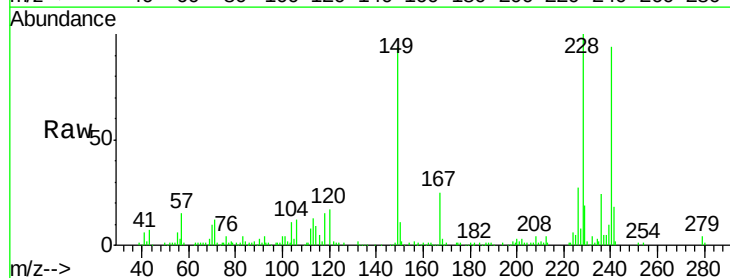
Tgt Ion:240 Resp: 146394

Ion Ratio Lower Upper

240 100

120 17.8 6.8 10.2#

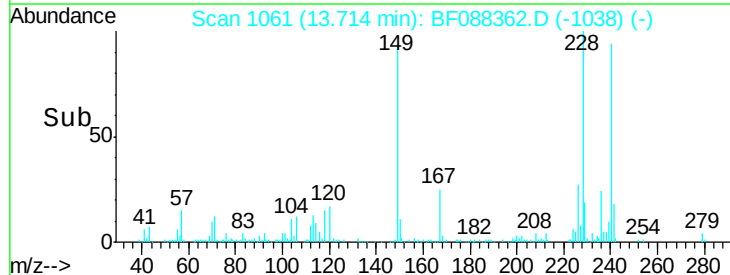
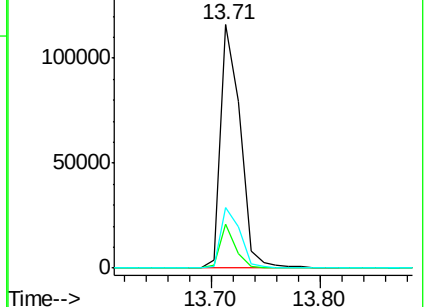
236 25.0 20.2 30.2

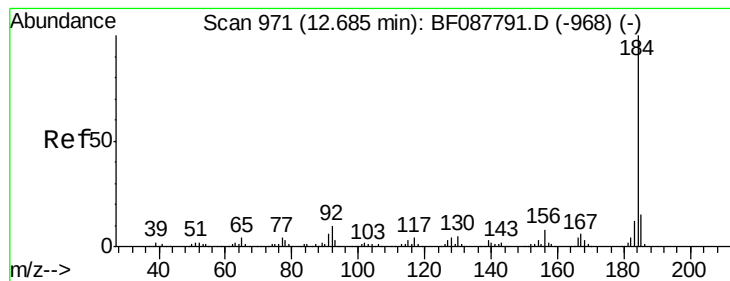


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#76

Benzidine

Concen: 14.83 ng

RT: 12.43 min Scan# 949

Delta R.T. -0.02 min

Lab File: BF088362.D

Acq: 25 Jun 2016 6:46

Instrument :

BNA_F

ClientSampleId :

HSR-WC-55-062216MS

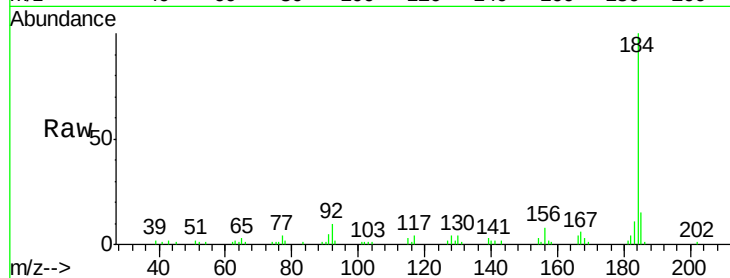
Tgt Ion:184 Resp: 60115

Ion Ratio Lower Upper

184 100

185 15.1 12.5 18.7

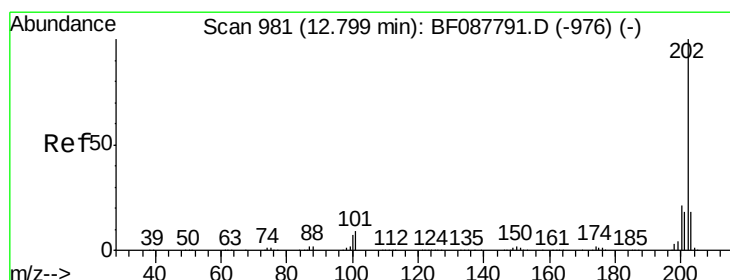
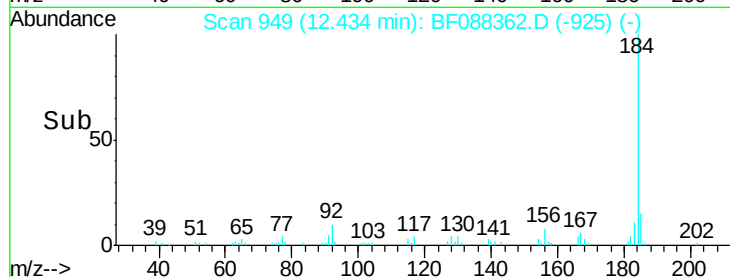
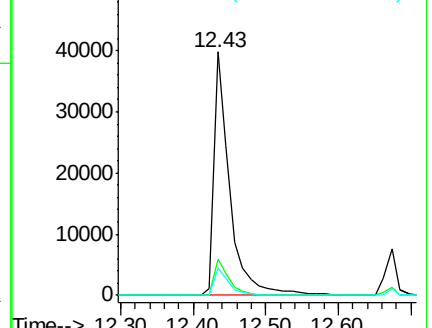
183 11.2 9.3 13.9



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#77

Pyrene

Concen: 21.69 ng

RT: 12.52 min Scan# 957

Delta R.T. -0.02 min

Lab File: BF088362.D

Acq: 25 Jun 2016 6:46

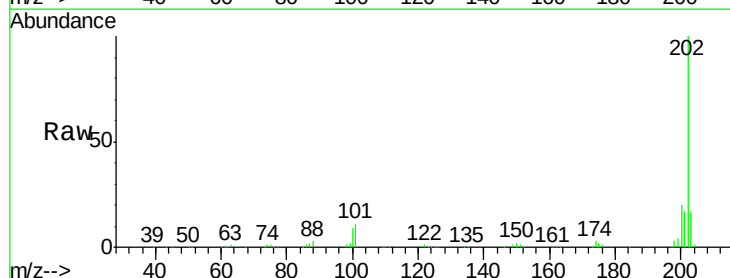
Tgt Ion:202 Resp: 235655

Ion Ratio Lower Upper

202 100

200 20.4 17.4 26.2

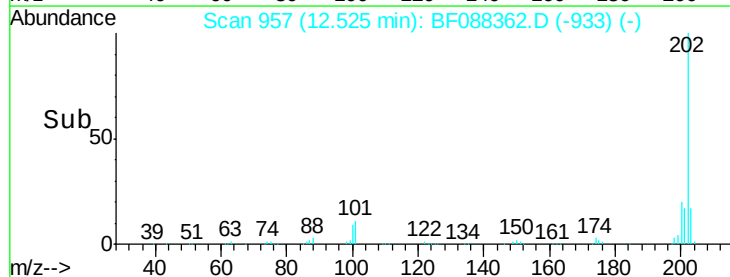
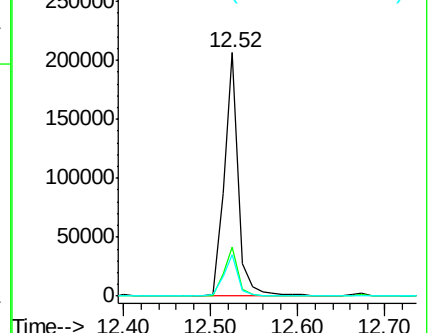
203 17.2 14.5 21.7

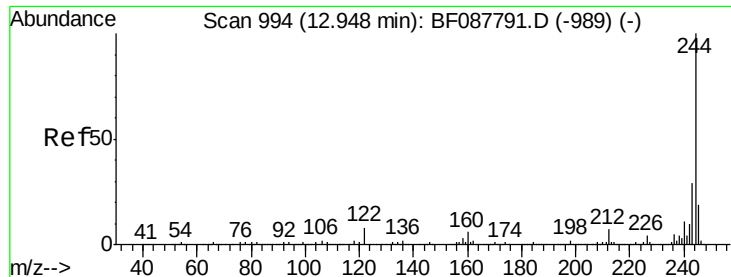


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

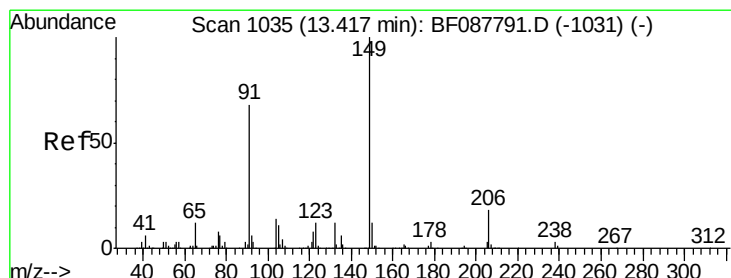
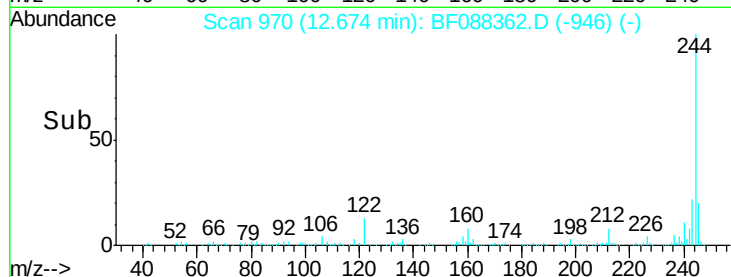
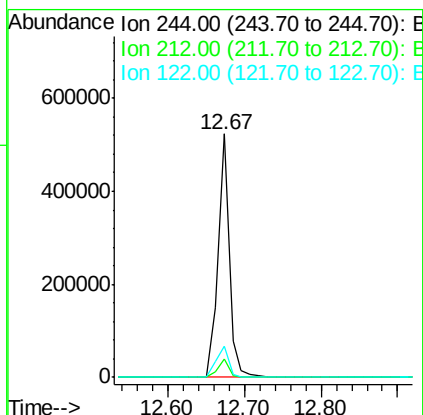
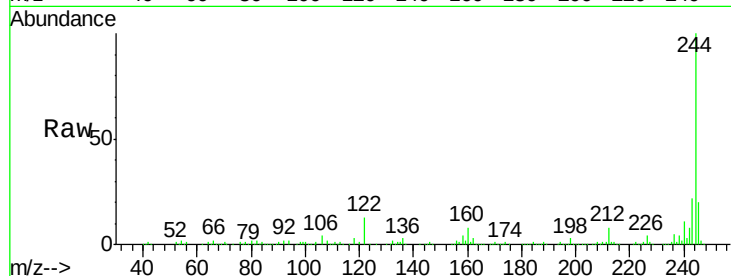




#78
 Terphenyl-d14
 Concen: 83.58 ng
 RT: 12.67 min Scan# 970
 Delta R.T. -0.02 min
 Lab File: BF088362.D
 Acq: 25 Jun 2016 6:46

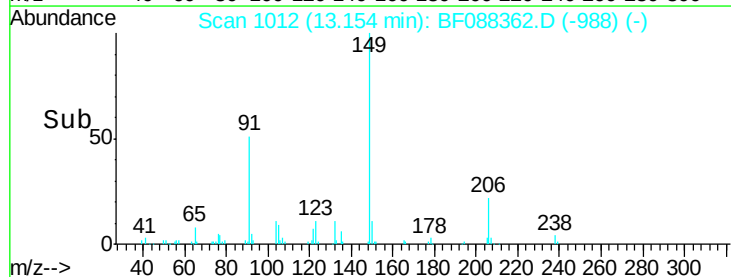
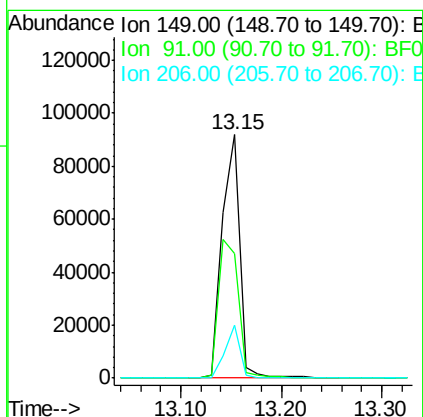
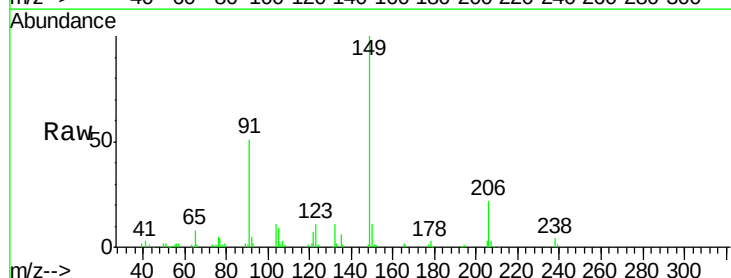
Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-55-062216MS

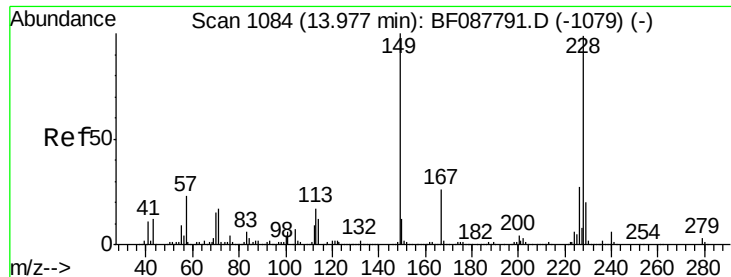
Tgt Ion:244 Resp: 537693
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.0 9.0
 122 13.0 11.2 16.8



#79
 Butylbenzylphthalate
 Concen: 23.32 ng
 RT: 13.15 min Scan# 1012
 Delta R.T. -0.02 min
 Lab File: BF088362.D
 Acq: 25 Jun 2016 6:46

Tgt Ion:149 Resp: 112014
 Ion Ratio Lower Upper
 149 100
 91 51.1 48.0 72.0
 206 21.7 16.0 24.0





#80

Benzo(a)anthracene

Concen: 23.53 ng

RT: 13.70 min Scan# 1060

Delta R.T. -0.03 min

Lab File: BF088362.D

Acq: 25 Jun 2016 6:46

Instrument :

BNA_F

ClientSampleId :

HSR-WC-55-062216MS

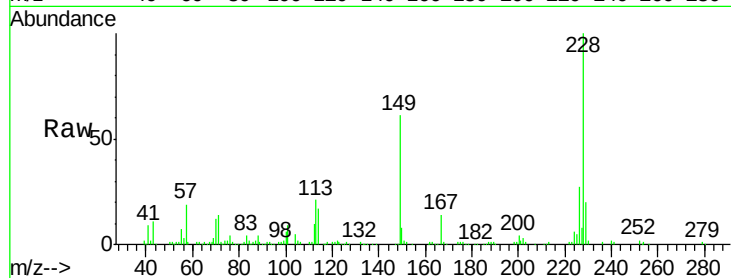
Tgt Ion:228 Resp: 196281

Ion Ratio Lower Upper

228 100

226 26.8 22.3 33.5

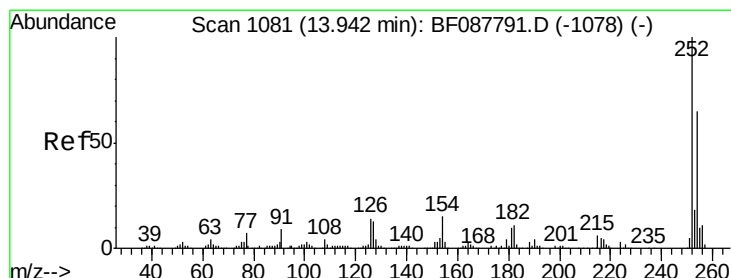
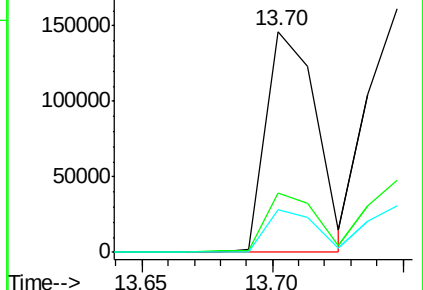
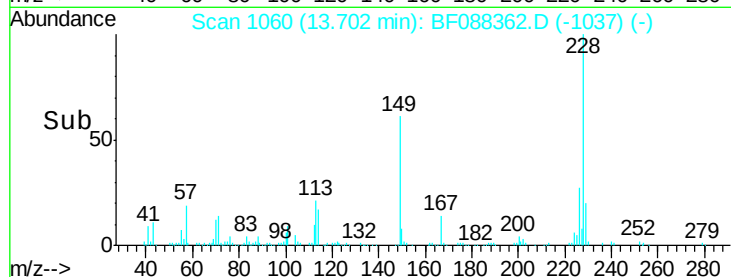
229 19.5 16.0 24.0



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: 29.51 ng

RT: 13.68 min Scan# 1058

Delta R.T. -0.02 min

Lab File: BF088362.D

Acq: 25 Jun 2016 6:46

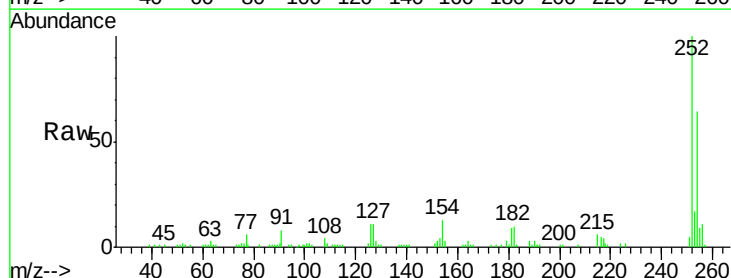
Tgt Ion:252 Resp: 66198

Ion Ratio Lower Upper

252 100

254 63.7 52.6 78.8

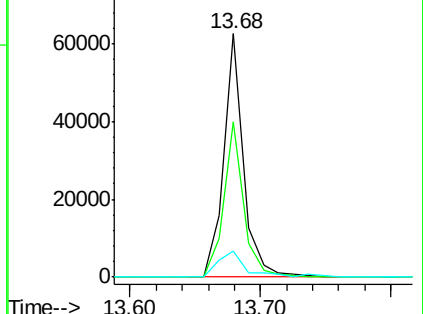
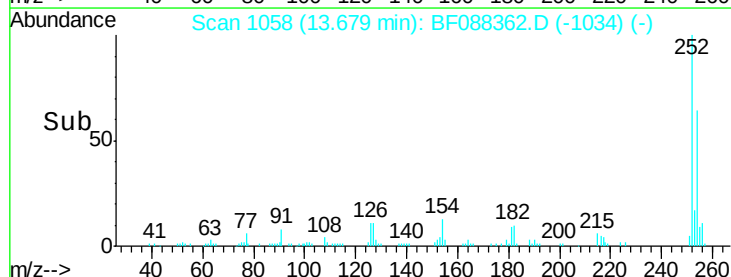
126 10.8 6.2 9.2#

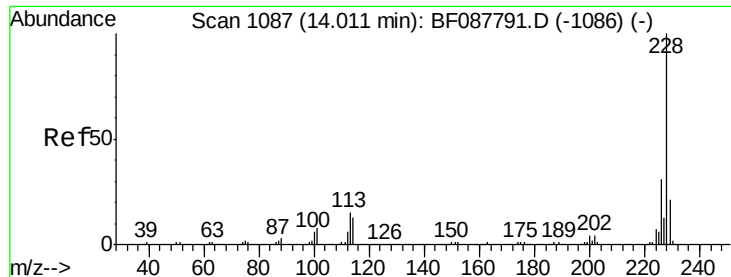


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#82

Chrysene

Concen: 26.70 ng

RT: 13.75 min Scan# 1064

Delta R.T. -0.02 min

Lab File: BF088362.D

Acq: 25 Jun 2016 6:46

Instrument :

BNA_F

ClientSampleId :

HSR-WC-55-062216MS

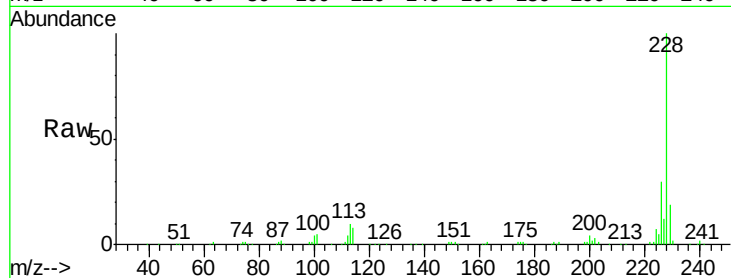
Tgt Ion: 228 Resp: 209533

Ion Ratio Lower Upper

228 100

226 29.7 25.4 38.2

229 18.9 16.3 24.5



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

200000

150000

100000

50000

0

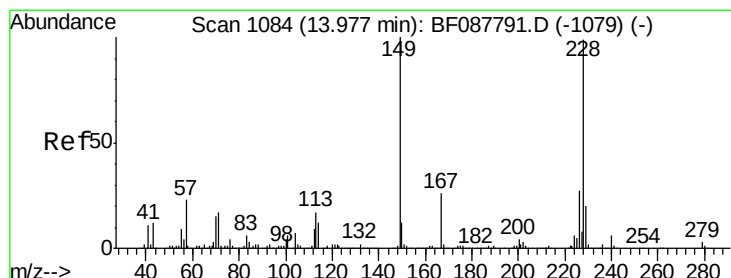
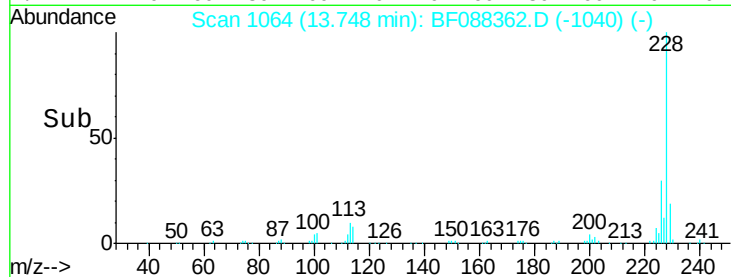
13.75

13.70

13.80

13.90

Time-->



#83

Bis(2-ethylhexyl)phthalate

Concen: 24.96 ng

RT: 13.71 min Scan# 1061

Delta R.T. -0.02 min

Lab File: BF088362.D

Acq: 25 Jun 2016 6:46

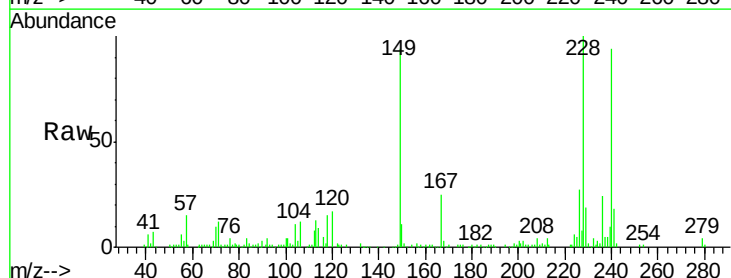
Tgt Ion: 149 Resp: 145935

Ion Ratio Lower Upper

149 100

167 26.8 20.5 30.7

279 4.3 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

150000

100000

50000

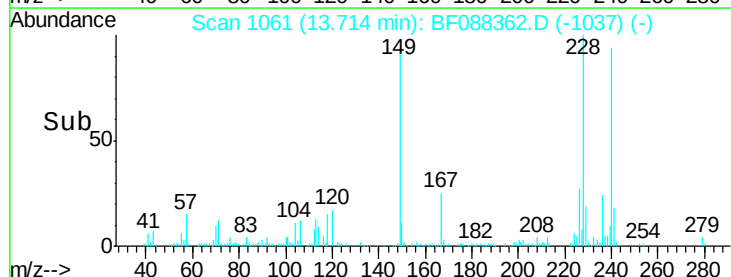
0

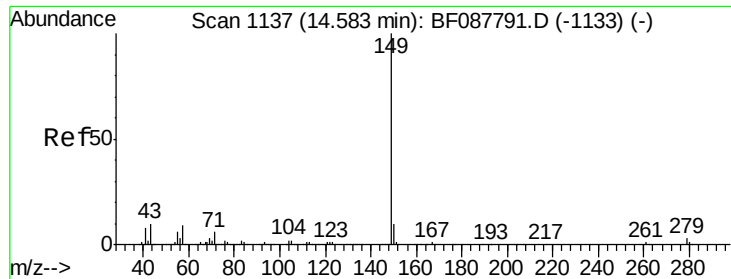
13.71

13.70

13.80

Time-->





#84

Di-n-octyl phthalate

Concen: 29.87 ng

RT: 14.32 min Scan# 1114

Delta R.T. -0.02 min

Lab File: BF088362.D

Acq: 25 Jun 2016 6:46

Instrument :

BNA_F

ClientSampleId :

HSR-WC-55-062216MS

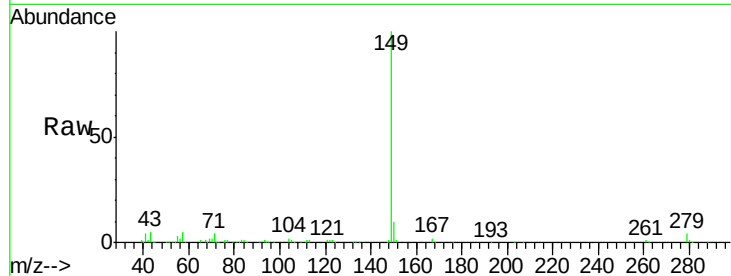
Tgt Ion:149 Resp: 283786

Ion Ratio Lower Upper

149 100

167 1.4 0.0 0.0#

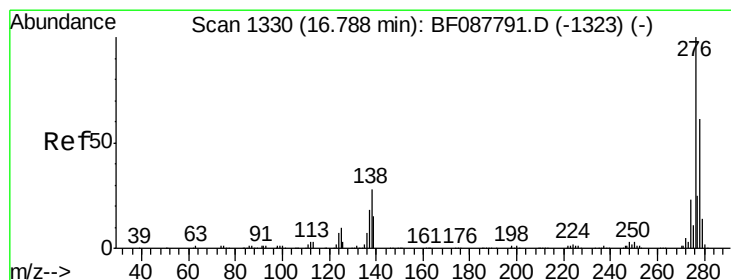
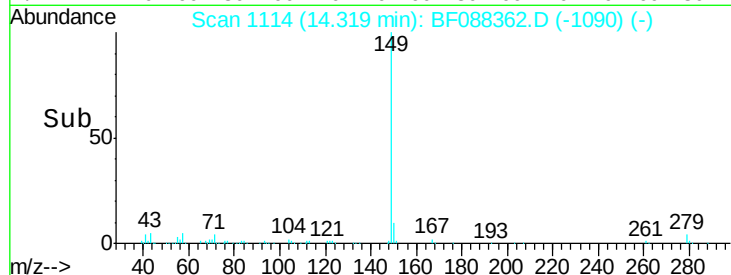
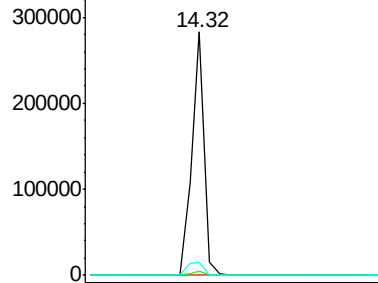
43 7.1 0.0 0.0#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0



#85

Indeno(1,2,3-cd)pyrene

Concen: 19.82 ng

RT: 16.32 min Scan# 1289

Delta R.T. -0.05 min

Lab File: BF088362.D

Acq: 25 Jun 2016 6:46

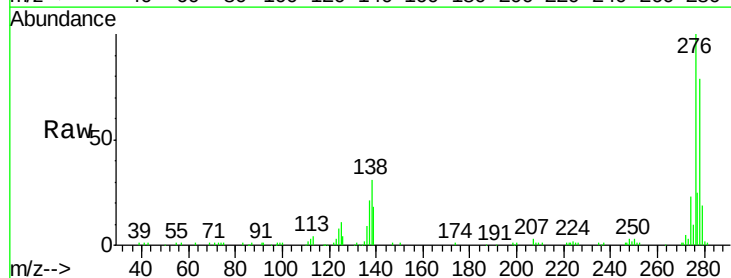
Tgt Ion:276 Resp: 144554

Ion Ratio Lower Upper

276 100

138 30.6 0.0 0.0#

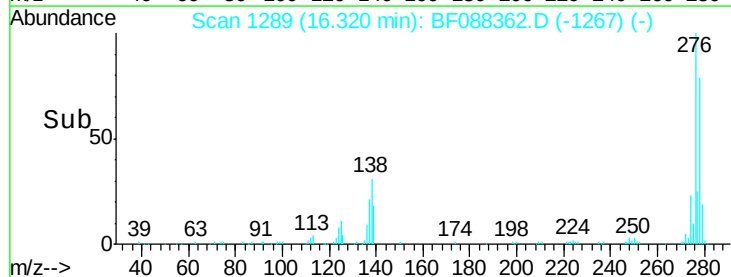
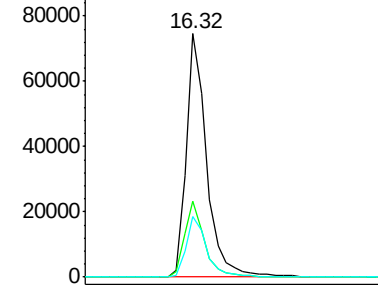
277 24.8 0.0 0.0#

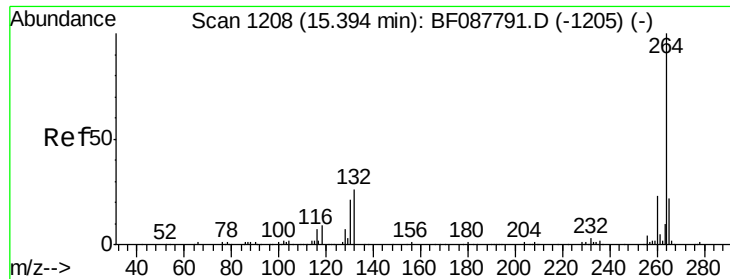


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

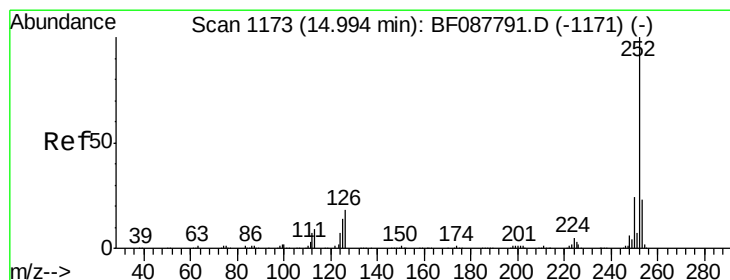
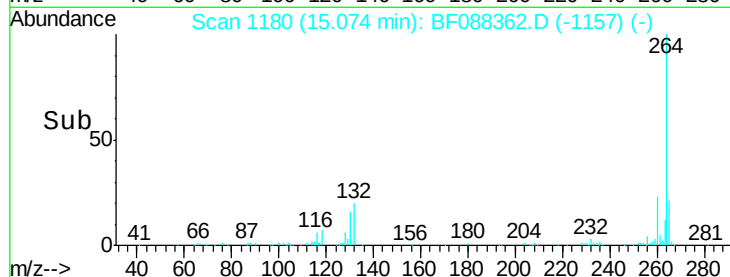
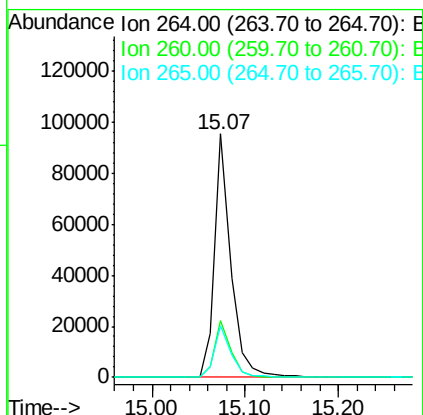
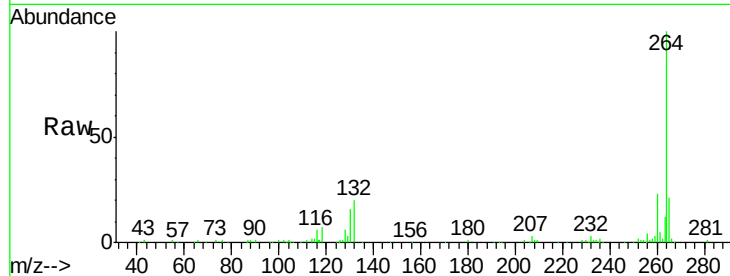




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.07 min Scan# 1180
Delta R.T. -0.03 min
Lab File: BF088362.D
Acq: 25 Jun 2016 6:46

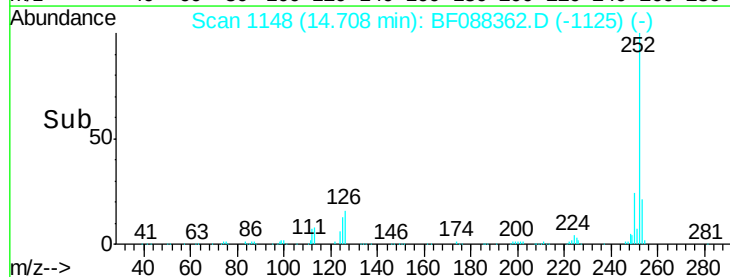
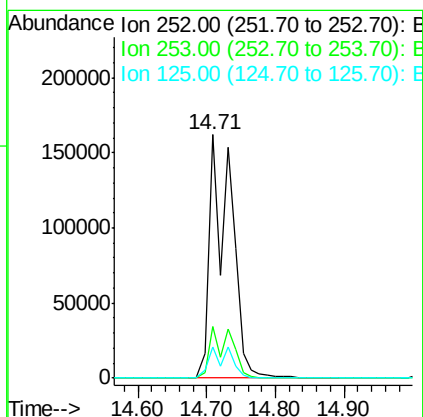
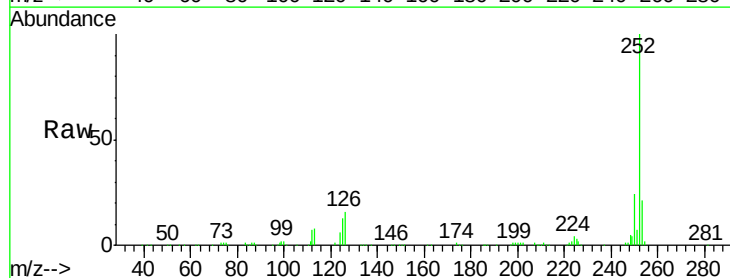
Instrument :
BNA_F
ClientSampleId :
HSR-WC-55-062216MS

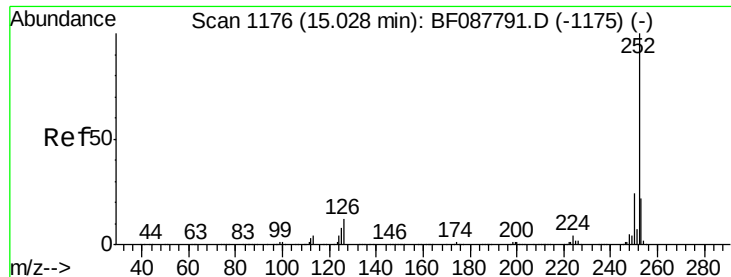
Tgt Ion:264 Resp: 116525
Ion Ratio Lower Upper
264 100
260 23.2 19.2 28.8
265 21.2 16.9 25.3



#87
Benzo(b)fluoranthene
Concen: 43.74 ng
RT: 14.71 min Scan# 1148
Delta R.T. -0.03 min
Lab File: BF088362.D
Acq: 25 Jun 2016 6:46

Tgt Ion:252 Resp: 355207
Ion Ratio Lower Upper
252 100
253 21.5 17.4 26.2
125 13.0 7.1 10.7#

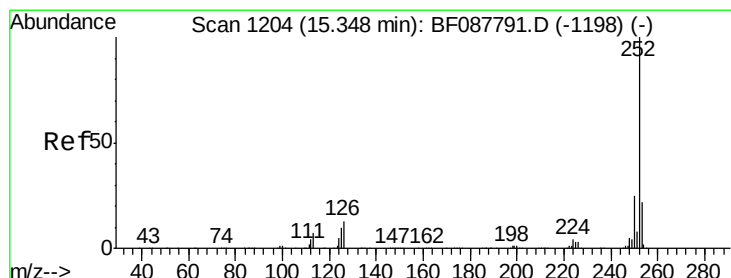
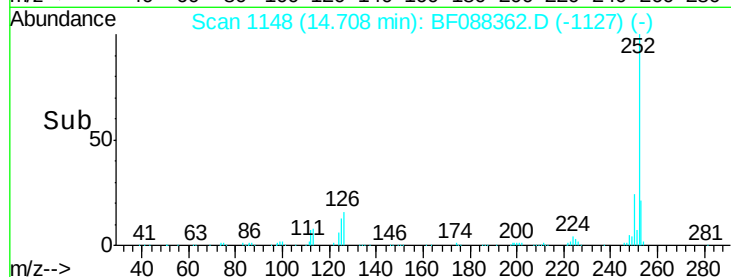
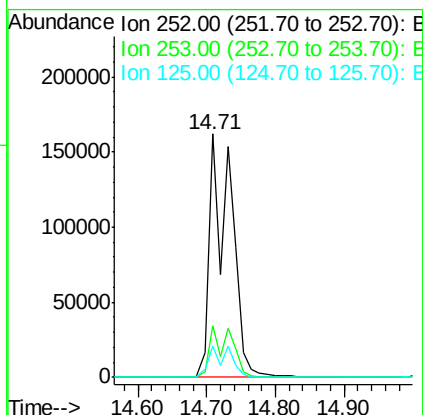
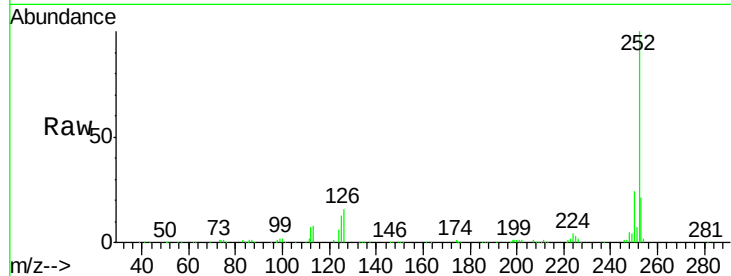




#88
Benzo(k)fluoranthene
Concen: 57.98 ng
RT: 14.71 min Scan# 1148
Delta R.T. -0.06 min
Lab File: BF088362.D
Acq: 25 Jun 2016 6:46

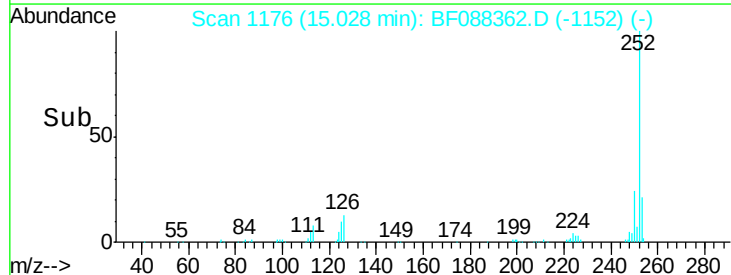
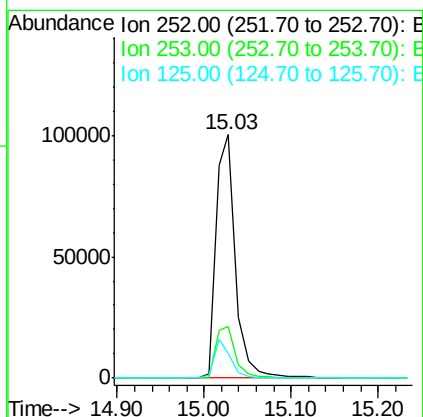
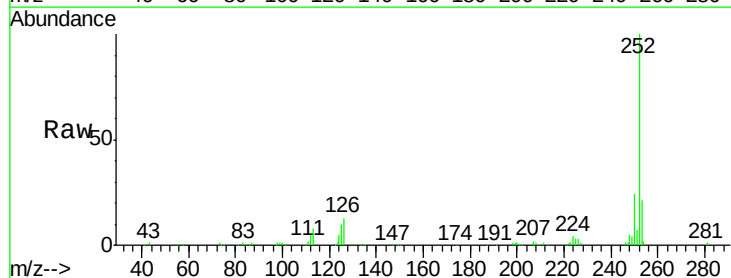
Instrument :
BNA_F
ClientSampleId :
HSR-WC-55-062216MS

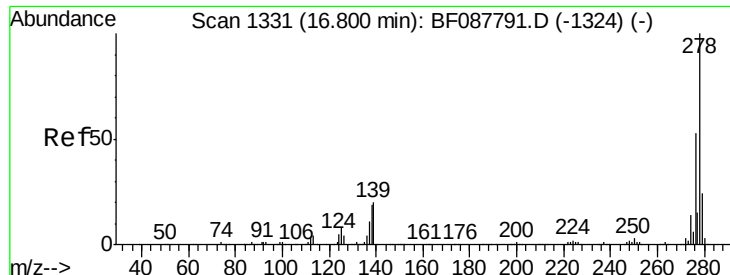
Tgt Ion: 252 Resp: 355207
Ion Ratio Lower Upper
252 100
253 21.5 18.0 27.0
125 13.0 11.2 16.8



#89
Benzo(a)pyrene
Concen: 24.05 ng
RT: 15.03 min Scan# 1176
Delta R.T. -0.02 min
Lab File: BF088362.D
Acq: 25 Jun 2016 6:46

Tgt Ion: 252 Resp: 158058
Ion Ratio Lower Upper
252 100
253 21.4 17.9 26.9
125 10.2 12.5 18.7#





#90

Dibenzo(a,h)anthracene

Concen: 19.90 ng

RT: 16.32 min Scan# 1289

Delta R.T. -0.05 min

Lab File: BF088362.D

Acq: 25 Jun 2016 6:46

Instrument :

BNA_F

ClientSampleId :

HSR-WC-55-062216MS

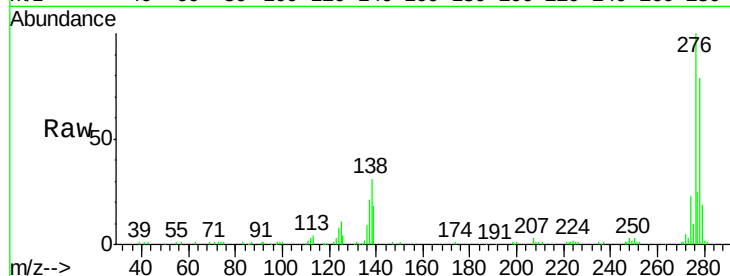
Tgt Ion: 278 Resp: 121476

Ion Ratio Lower Upper

278 100

139 22.1 15.7 23.5

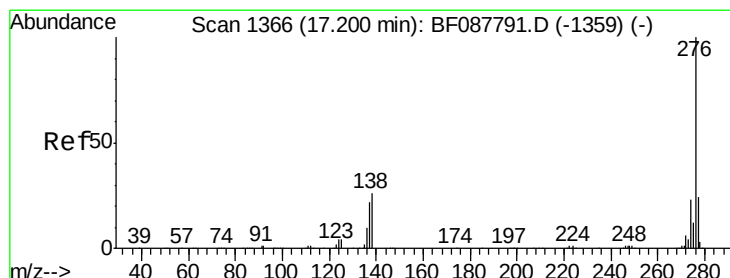
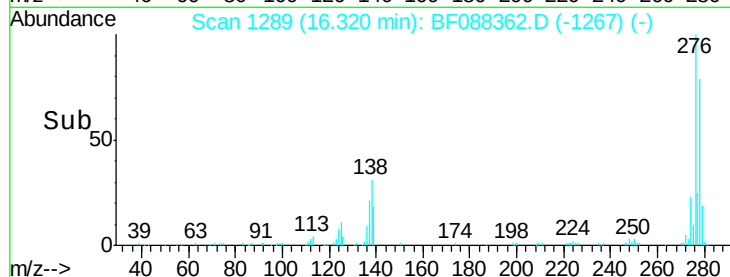
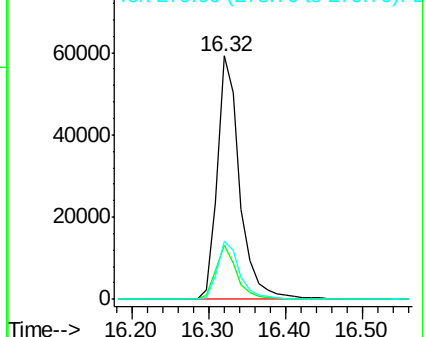
279 23.8 19.4 29.2



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: 18.33 ng

RT: 16.70 min Scan# 1322

Delta R.T. -0.05 min

Lab File: BF088362.D

Acq: 25 Jun 2016 6:46

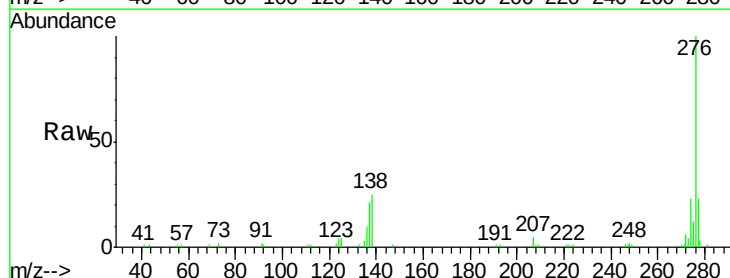
Tgt Ion: 276 Resp: 115068

Ion Ratio Lower Upper

276 100

277 23.3 18.9 28.3

138 24.6 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

