

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062616\
 Data File : BF088449.D
 Acq On : 27 Jun 2016 11:53
 Operator : UM/SJ
 Sample : H3731-01MS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

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

Quant Time: Jun 27 19:06:24 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 27 04:27:12 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	253845	20.00	ng	-0.15
21) Naphthalene-d8	7.83	136	285562	20.00	ng	-0.30
38) Acenaphthene-d10	9.58	164	132831	20.00	ng	-0.31
63) Phenanthrene-d10	11.05	188	256368	20.00	ng	-0.31
75) Chrysene-d12	13.68	240	201348	20.00	ng	-0.31
86) Perylene-d12	15.03	264	164343	20.00	ng	-0.37

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.14	112	482795	32.51	ng	-0.29
7) Phenol-d6	6.22	99	595218	33.08	ng	-0.26
23) Nitrobenzene-d5	7.12	82	408176	83.47	ng	-0.30
41) 2,4,6-Tribromophenol	10.36	330	158059	112.69	ng	-0.31
44) 2-Fluorobiphenyl	8.90	172	760338	90.26	ng	-0.31
78) Terphenyl-d14	12.64	244	768575	86.86	ng	-0.31

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.12	88	57835	8.02	ng	# 49
3) Pyridine	2.81	79	57774	3.39	ng	90
6) Aniline	6.28	93	99447	3.88	ng	# 57
8) 2-Chlorophenol	6.33	128	101267	5.76	ng	91
9) Benzaldehyde	6.09	77	41252	3.14	ng	100
10) Phenol	6.23	94	112236	3.76	ng	93
11) bis(2-Chloroethyl)ether	6.28	93	99447	6.30	ng	89
12) 1,3-Dichlorobenzene	6.71	146	102648	5.44	ng	# 96
13) 1,4-Dichlorobenzene	6.71	146	102648	5.40	ng	98
14) 1,2-Dichlorobenzene	6.71	146	102648	5.94	ng	95
15) Benzyl Alcohol	6.71	79	80152	5.69	ng	99
16) 2,2'-oxybis(1-Chloropropan	6.83	45	100643	4.72	ng	# 7
17) 2-Methylphenol	6.99	107	99020	6.95	ng	# 75
19) n-Nitroso-di-n-propylamine	7.12	70	53032	4.61	ng	# 69
20) 3+4-Methylphenols	6.99	107	98748	5.94	ng	# 78
22) Acetophenone	6.96	105	146743	22.99	ng	# 96
24) Nitrobenzene	7.13	77	96355	20.34	ng	89
25) Isophorone	7.38	82	184940	20.42	ng	# 93
26) 2-Nitrophenol	7.45	139	57113	22.51	ng	# 88
27) 2,4-Dimethylphenol	7.51	122	93427	20.00	ng	94
28) bis(2-Chloroethoxy)methane	7.60	93	118058	21.01	ng	98
29) 2,4-Dichlorophenol	7.71	162	82602	21.18	ng	94
30) 1,2,4-Trichlorobenzene	7.77	180	86673	20.41	ng	99
31) Naphthalene	7.85	128	330235	23.37	ng	97
32) Benzoic acid	7.67	122	17823	6.93	ng	91
33) 4-Chloroaniline	7.93	127	24666	3.91	ng	94
34) Hexachlorobutadiene	7.96	225	46479	20.75	ng	96
35) Caprolactam	8.31	113	24264	18.78	ng	# 77
36) 4-Chloro-3-methylphenol	8.42	107	93182	22.34	ng	94
37) 2-Methylnaphthalene	8.64	142	197292	21.18	ng	94
39) 1,2,4,5-Tetrachlorobenzene	8.71	216	87308	21.22	ng	# 1
40) Hexachlorocyclopentadiene	8.68	237	23951	11.18	ng	99
42) 2,4,6-Trichlorophenol	8.83	196	54921	20.68	ng	95
43) 2,4,5-Trichlorophenol	8.89	196	55046	19.92	ng	97

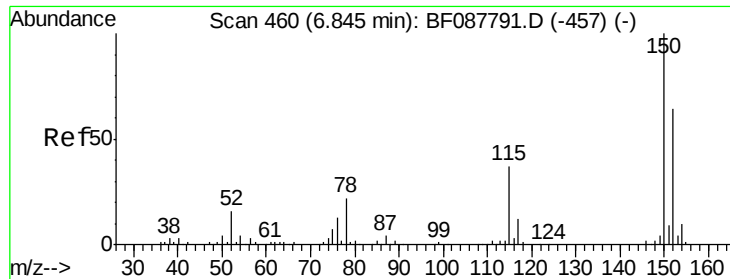
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1'-Biphenyl	9.00	154	260339	23.09	nq	96
46) 2-Chloronaphthalene	9.03	162	205509	23.91	nq	95
47) 2-Nitroaniline	9.14	65	54417	21.46	nq	# 68
48) Acenaphthylene	9.44	152	304954	22.30	nq	98
49) Dimethylphthalate	9.31	163	231664	24.08	nq	99
50) 2,6-Dinitrotoluene	9.38	165	53926	24.47	nq	# 86
51) Acenaphthene	9.60	154	183527	21.52	nq	99
52) 3-Nitroaniline	9.55	138	18034	7.09	nq	# 92
53) 2,4-Dinitrophenol	9.69	184	9198	12.11	nq	# 86
54) Dibenzofuran	9.78	168	280180	23.85	nq	92
55) 4-Nitrophenol	9.78	139	172430	87.37	nq	# 17
56) 2,4-Dinitrotoluene	9.79	165	68258	24.10	nq	96
57) Fluorene	10.11	166	218644	25.45	nq	99
58) 2,3,4,6-Tetrachlorophenol	9.87	232	35816	16.49	nq	# 57
59) Diethylphthalate	10.01	149	241297	24.77	nq	97
60) 4-Chlorophenyl-phenylether	10.11	204	95860	24.54	nq	95
61) 4-Nitroaniline	10.17	138	55513	23.02	nq	100
62) Azobenzene	10.27	77	234388	24.34	nq	96
64) 4,6-Dinitro-2-methylphenol	10.20	198	7756	6.79	nq	94
65) n-Nitrosodiphenylamine	10.24	169	197670	23.24	nq	99
66) 4-Bromophenyl-phenylether	10.60	248	58628	21.32	nq	94
67) Hexachlorobenzene	10.66	284	64869	22.70	nq	94
68) Atrazine	10.78	200	50353	19.55	nq	93
69) Pentachlorophenol	10.88	266	46013	30.55	nq	99
70) Phenanthrene	11.07	178	318305	23.66	nq	99
71) Anthracene	11.12	178	344296	25.37	nq	98
72) Carbazole	11.29	167	329004	25.91	nq	98
73) Di-n-butylphthalate	11.62	149	365742	22.75	nq	99
74) Fluoranthene	12.25	202	334990	23.60	nq	99
76) Benzidine	12.40	184	18177	3.26	nq	# 1
77) Pyrene	12.48	202	329489	22.05	nq	99
79) Butylbenzylphthalate	13.11	149	162440	24.59	nq	91
80) Benzo(a)anthracene	13.67	228	286618	24.98	nq	99
81) 3,3'-Dichlorobenzidine	13.63	252	32174	10.43	nq	# 95
82) Chrysene	13.70	228	262138	24.28	nq	98
83) Bis(2-ethylhexyl)phthalate	13.67	149	201353	25.04	nq	98
84) Di-n-octyl phthalate	14.27	149	337715	25.85	nq	# 100
85) Indeno(1,2,3-cd)pyrene	16.25	276	203450	20.29	nq	# 100
87) Benzo(b)fluoranthene	14.70	252	493674	43.10	nq	99
88) Benzo(k)fluoranthene	14.70	252	494545	57.23	nq	# 93
89) Benzo(a)pyrene	14.97	252	224796	24.26	nq	98
90) Dibenzo(a,h)anthracene	16.25	278	174306	20.25	nq	98
91) Benzo(g,h,i)perylene	16.62	276	172232	19.45	nq	97

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.70 min Scan# 447

Delta R.T. -0.15 min

Lab File: BF088449.D

Acq: 27 Jun 2016 11:53

Instrument :

BNA_F

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HSR-WC-55-062216MS

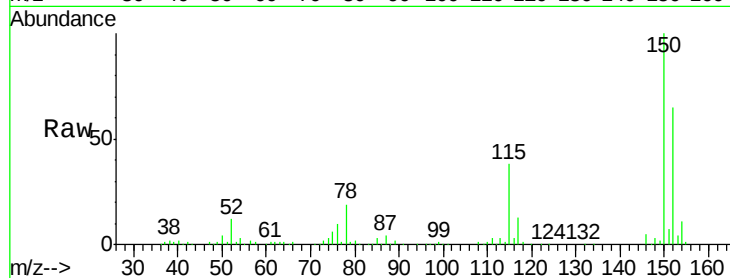
Tot Ion:152 Resp: 253845

Ion Ratio Lower Upper

152 100

150 154.8 123.8 185.6

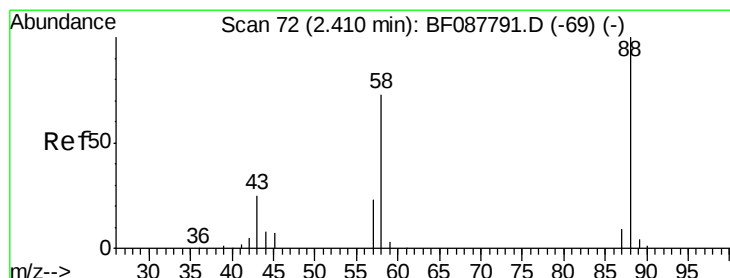
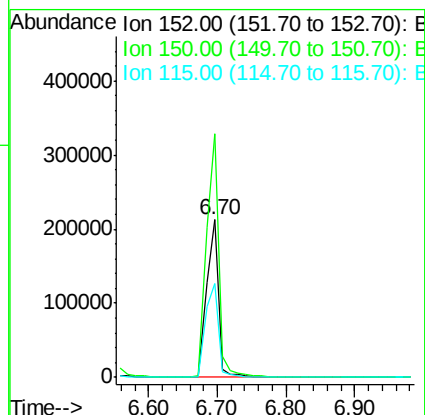
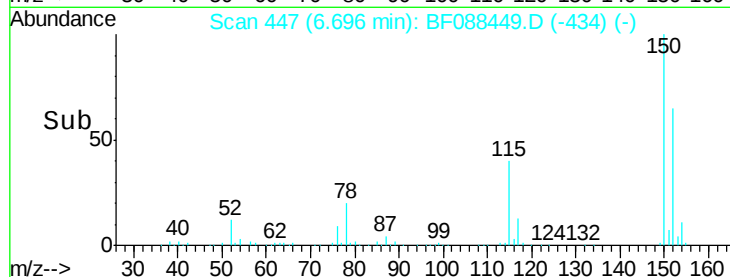
115 59.5 39.6 59.4#



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: 8.02 ng

RT: 2.12 min Scan# 47

Delta R.T. -0.29 min

Lab File: BF088449.D

Acq: 27 Jun 2016 11:53

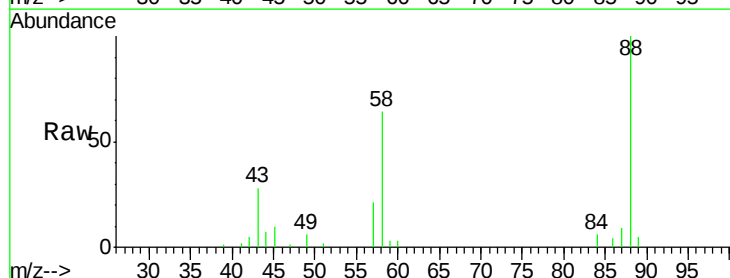
Tgt Ion: 88 Resp: 57835

Ion Ratio Lower Upper

88 100

58 67.8 0.0 0.0#

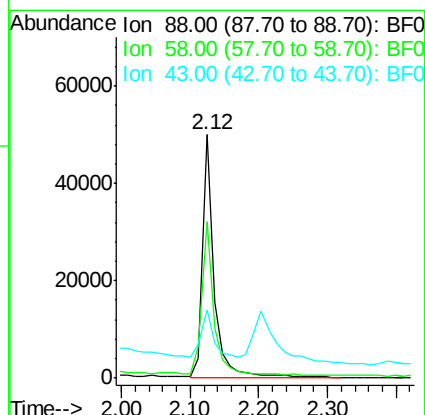
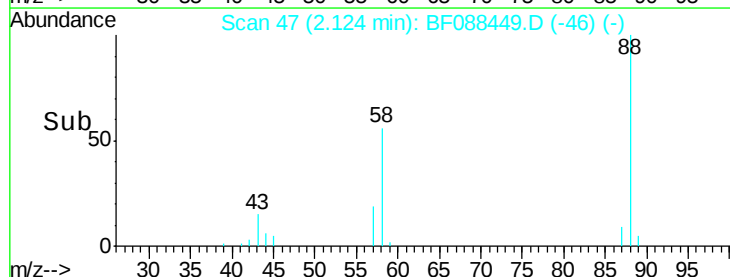
43 21.0 3.4 5.2#

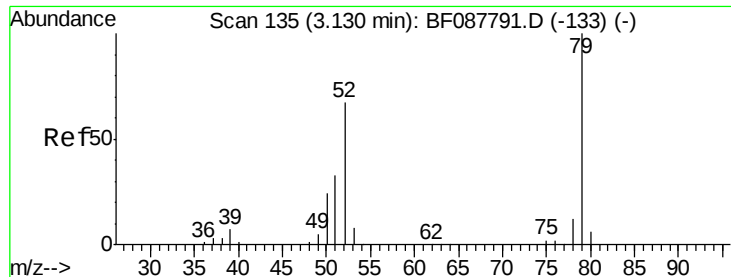


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 3.39 ng

RT: 2.81 min Scan# 107

Delta R.T. -0.32 min

Lab File: BF088449.D

Acq: 27 Jun 2016 11:53

Instrument :

BNA_F

ClientSampleId :

HSR-WC-55-062216MS

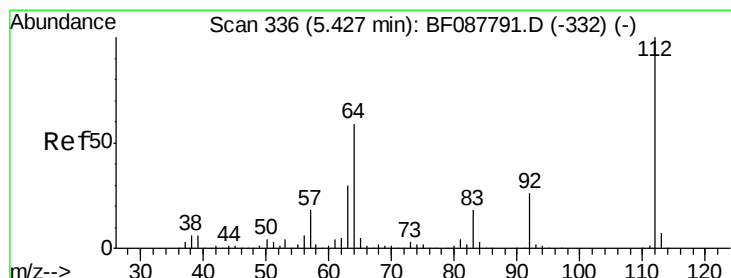
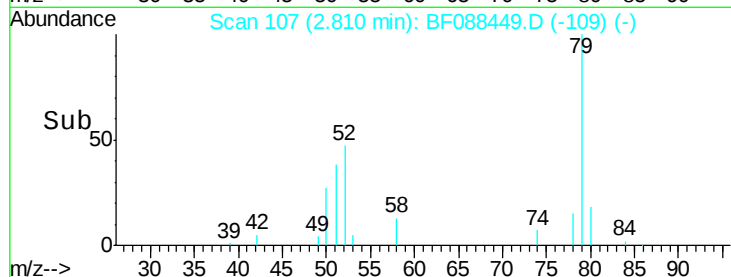
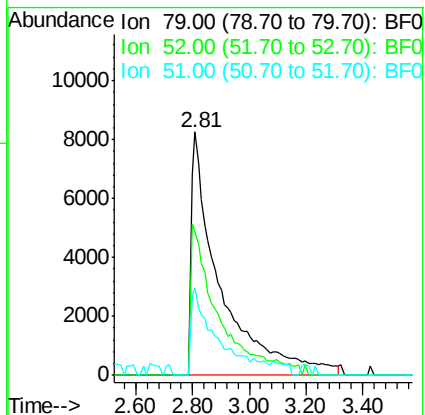
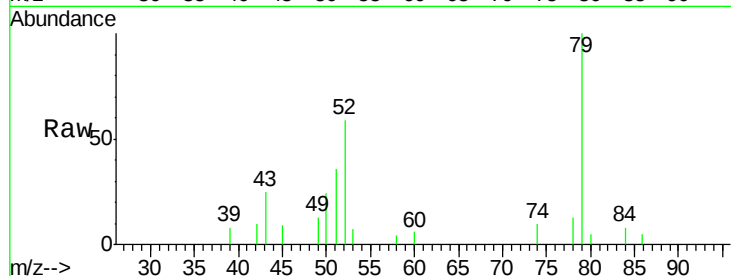
Tot Ion: 79 Resp: 57774

Ion Ratio Lower Upper

79 100

52 59.2 56.3 84.5

51 35.8 27.4 41.2



#5

2-Fluorophenol

Concen: 32.51 ng

RT: 5.14 min Scan# 311

Delta R.T. -0.29 min

Lab File: BF088449.D

Acq: 27 Jun 2016 11:53

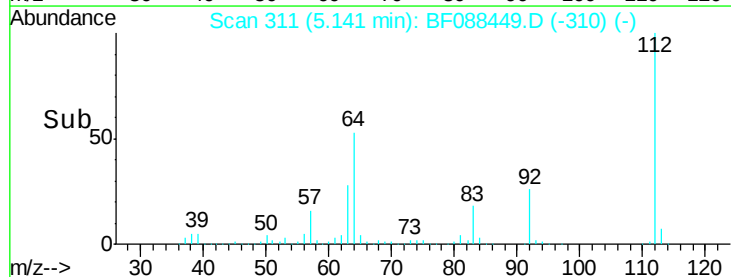
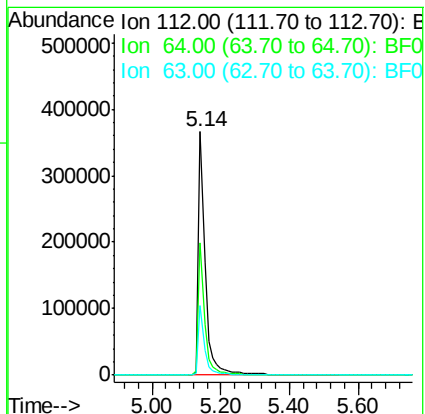
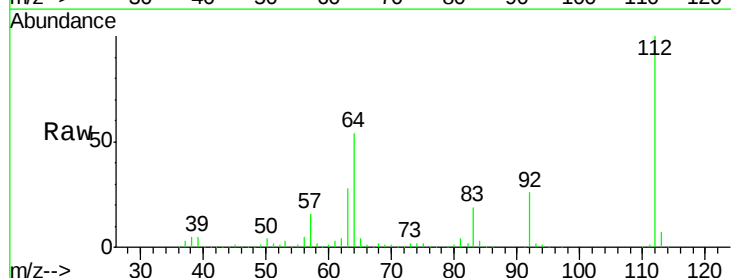
Tgt Ion: 112 Resp: 482795

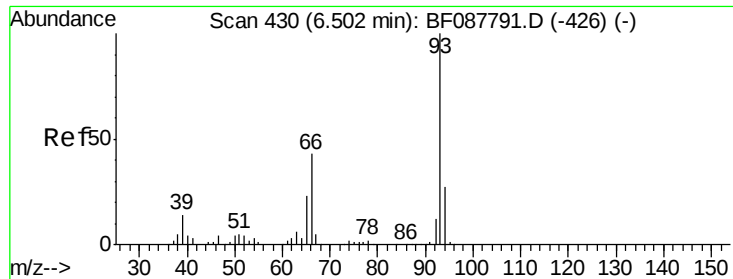
Ion Ratio Lower Upper

112 100

64 54.1 42.2 63.2

63 28.4 21.8 32.8





#6

Aniline

Concen: 3.88 ng

RT: 6.28 min Scan# 411

Delta R.T. -0.22 min

Lab File: BF088449.D

Acq: 27 Jun 2016 11:53

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HSR-WC-55-062216MS

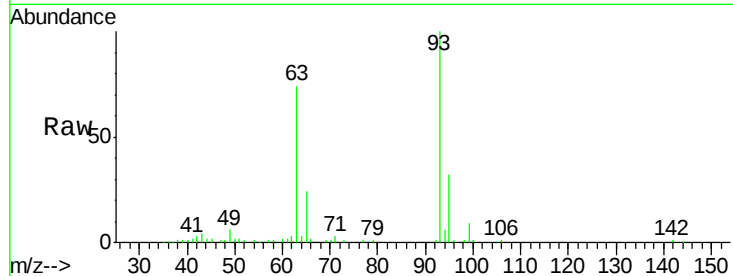
Tot Ion: 93 Resp: 99447

Ion Ratio Lower Upper

93 100

66 2.4 29.8 44.8#

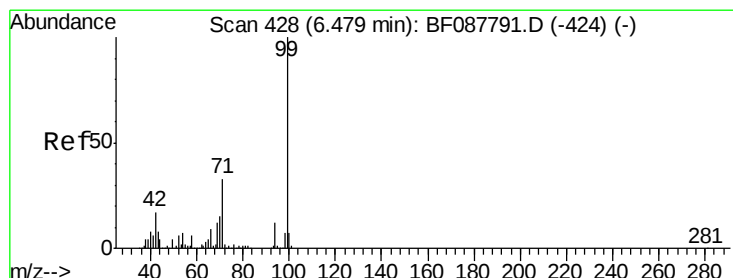
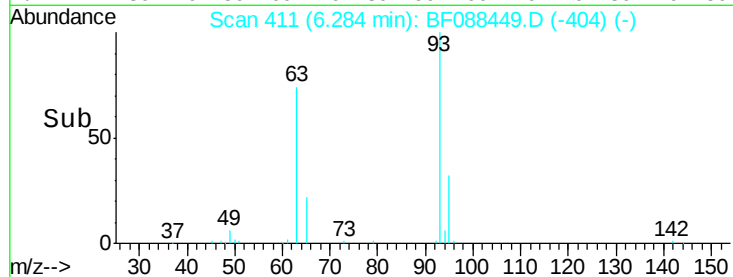
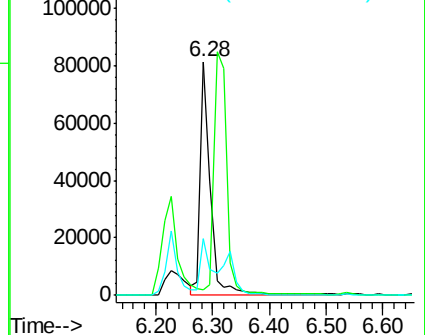
65 24.5 14.9 22.3#



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0



#7

Phenol-d6

Concen: 33.08 ng

RT: 6.22 min Scan# 405

Delta R.T. -0.26 min

Lab File: BF088449.D

Acq: 27 Jun 2016 11:53

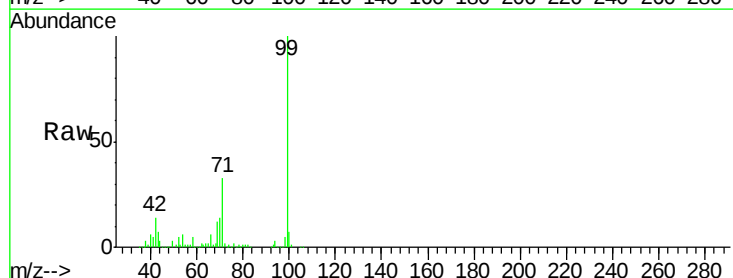
Tgt Ion: 99 Resp: 595218

Ion Ratio Lower Upper

99 100

42 14.0 12.2 18.2

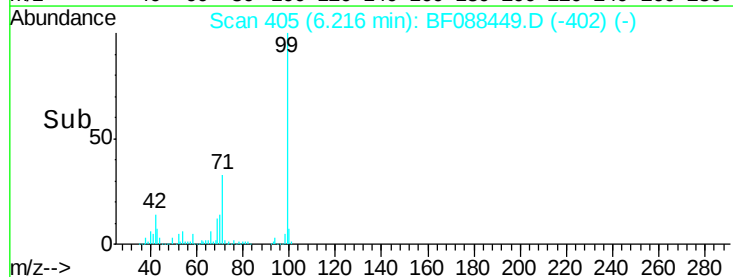
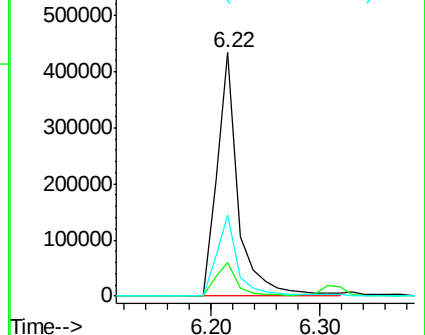
71 33.3 23.4 35.0

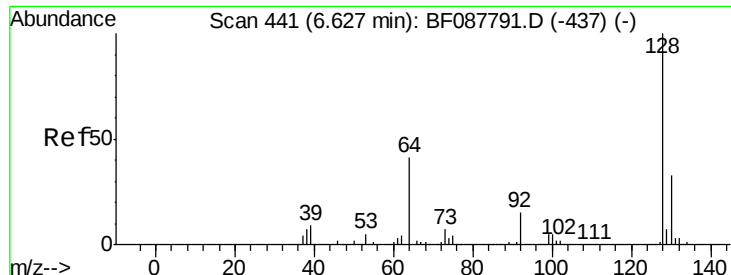


Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0

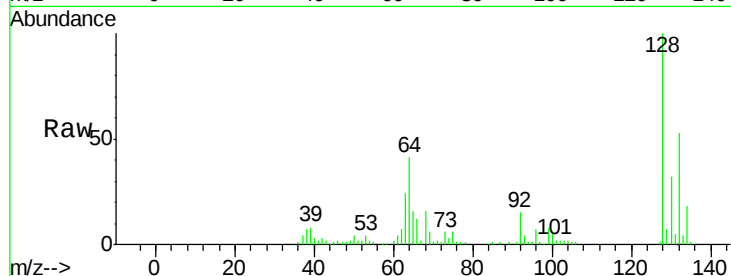




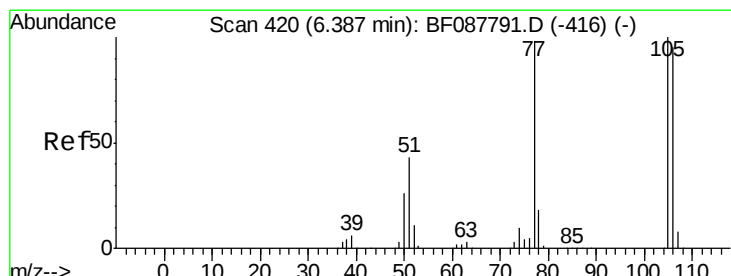
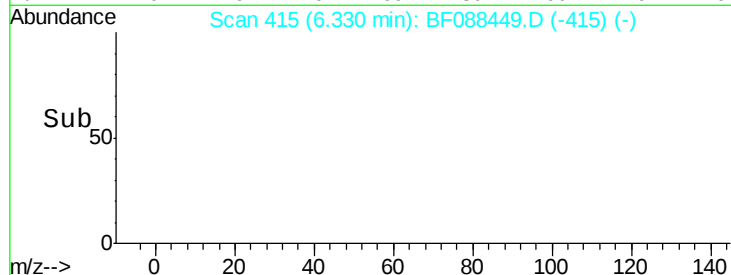
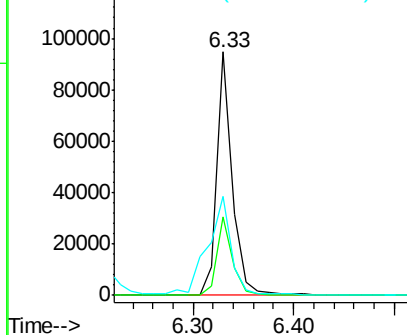
#8
2-Chlorophenol
Concen: 5.76 ng
RT: 6.33 min Scan# 415
Delta R.T. -0.30 min
Lab File: BF088449.D
Acq: 27 Jun 2016 11:53

Instrument :
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Tot Ion	Ratio	Lower	Upper
128	100		
130	32.0	12.0	52.0
64	40.5	30.8	70.8

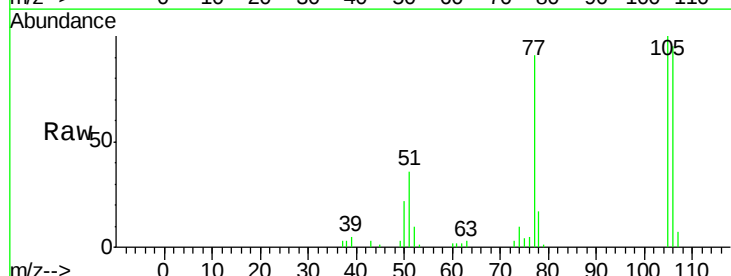


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF0

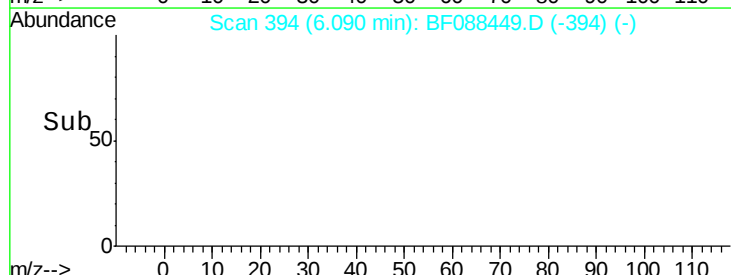
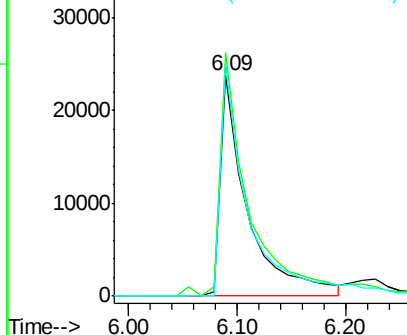


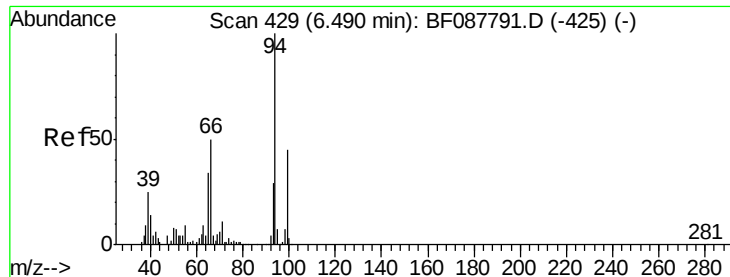
#9
Benzaldehyde
Concen: 3.14 ng
RT: 6.09 min Scan# 394
Delta R.T. -0.30 min
Lab File: BF088449.D
Acq: 27 Jun 2016 11:53

Tgt Ion	Ratio	Lower	Upper
77	100		
105	110.5	90.6	130.6
106	105.3	85.3	125.3



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 105.00 (104.70 to 105.70): E
Ion 106.00 (105.70 to 106.70): E





#10

Phenol

Concen: 3.76 ng

RT: 6.23 min Scan# 406

Delta R.T. -0.26 min

Lab File: BF088449.D

Acq: 27 Jun 2016 11:53

Instrument :

BNA_F

ClientSampleId :

HSR-WC-55-062216MS

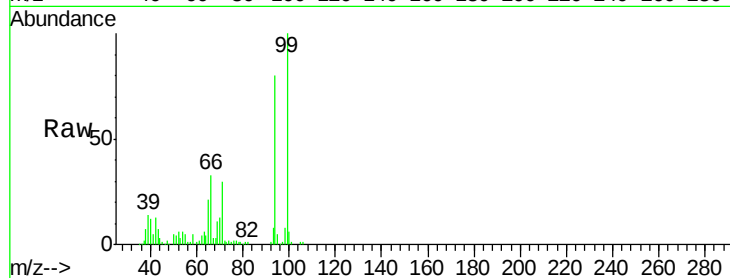
Tot Ion: 94 Resp: 112236

Ion Ratio Lower Upper

94 100

65 26.6 5.9 45.9

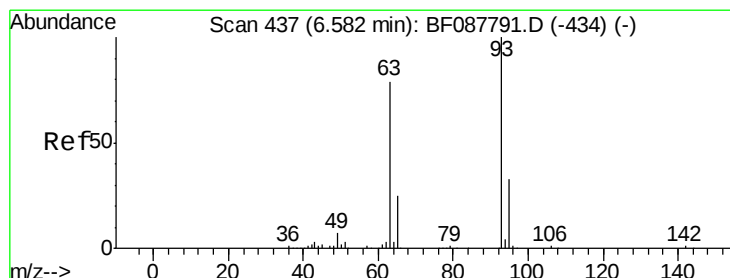
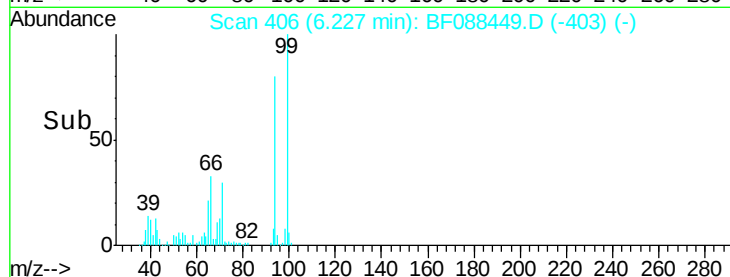
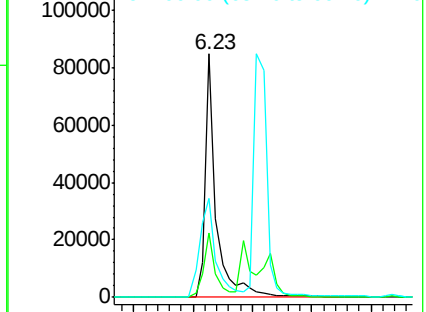
66 40.8 14.0 54.0



Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0



#11

bis(2-Chloroethyl)ether

Concen: 6.30 ng

RT: 6.28 min Scan# 411

Delta R.T. -0.30 min

Lab File: BF088449.D

Acq: 27 Jun 2016 11:53

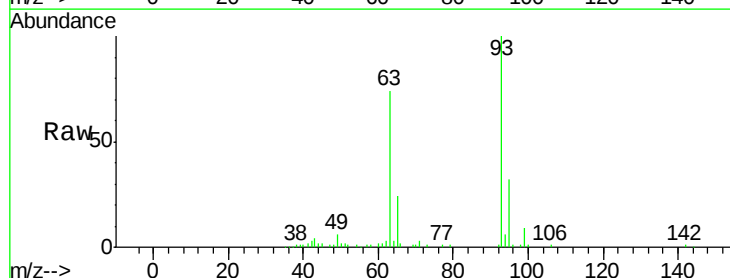
Tgt Ion: 93 Resp: 99447

Ion Ratio Lower Upper

93 100

63 74.3 67.6 107.6

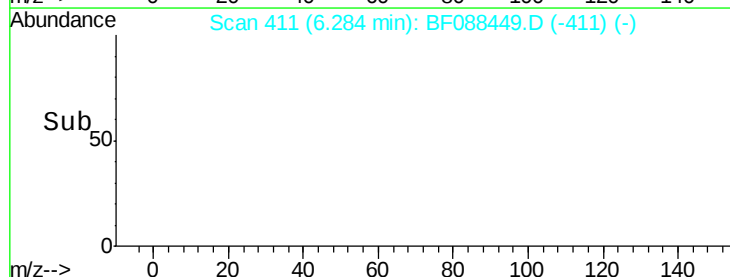
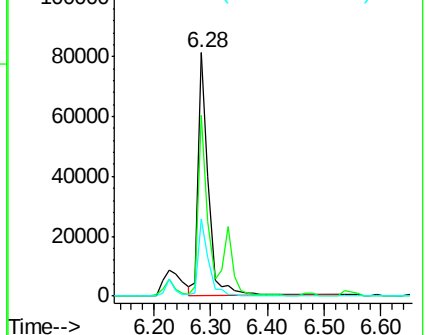
95 31.8 12.5 52.5

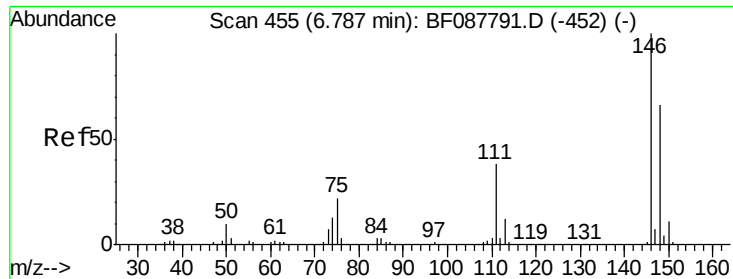


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0





#12

1,3-Dichlorobenzene

Concen: 5.44 ng

RT: 6.71 min Scan# 448

Delta R.T. -0.08 min

Lab File: BF088449.D

Acq: 27 Jun 2016 11:53

Instrument :

BNA_F

ClientSampleId :

HSR-WC-55-062216MS

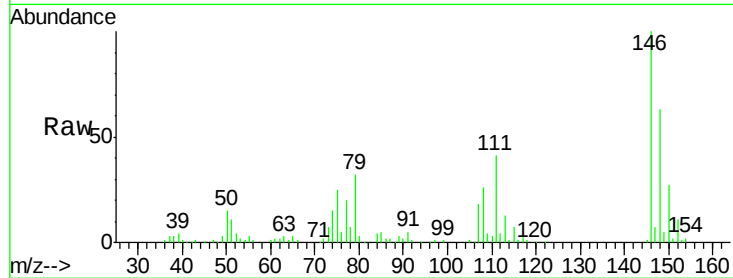
Tot Ion:146 Resp: 102648

Ion Ratio Lower Upper

146 100

148 63.3 50.9 76.3

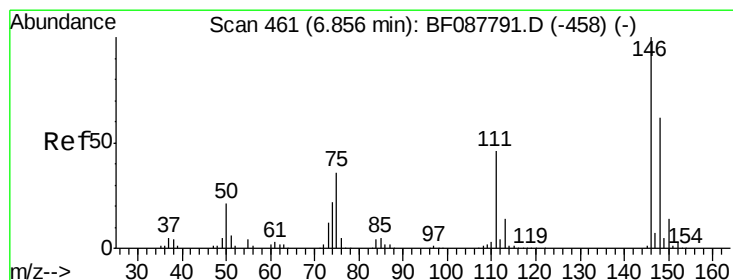
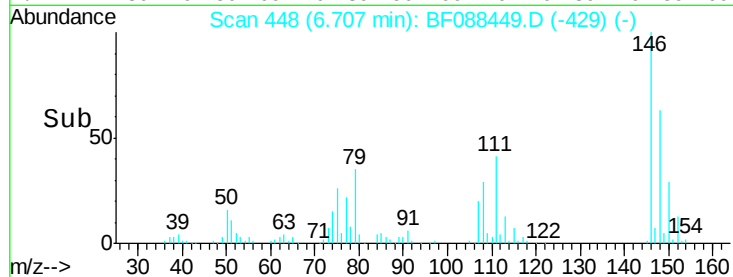
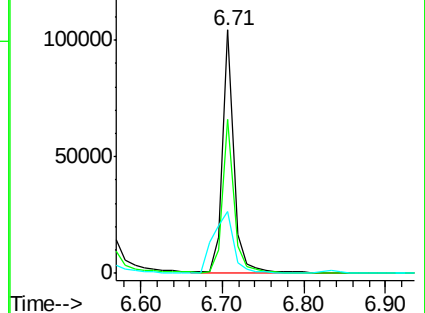
75 25.4 25.6 38.4#



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0



#13

1,4-Dichlorobenzene

Concen: 5.40 ng

RT: 6.71 min Scan# 448

Delta R.T. -0.15 min

Lab File: BF088449.D

Acq: 27 Jun 2016 11:53

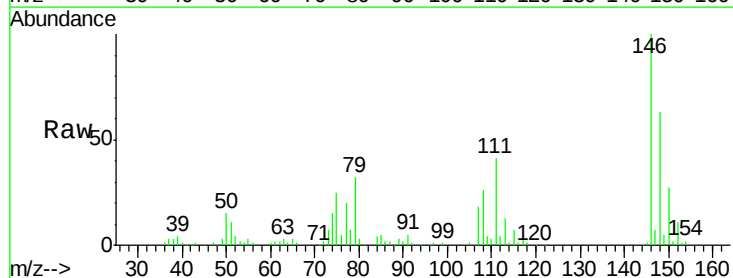
Tgt Ion:146 Resp: 102648

Ion Ratio Lower Upper

146 100

148 63.3 52.0 78.0

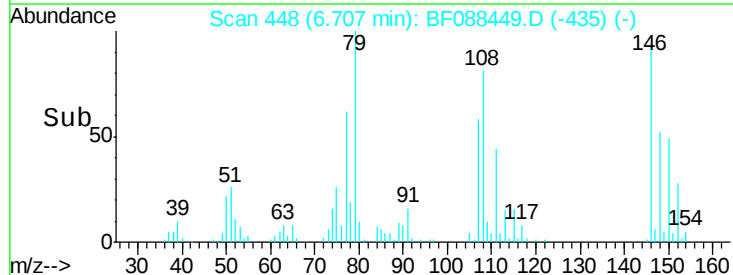
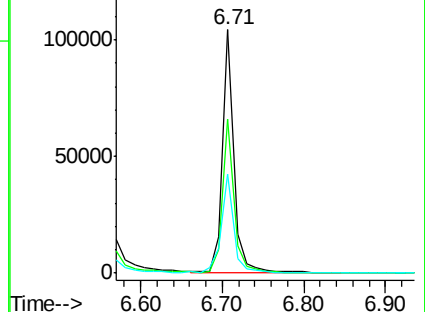
111 40.9 33.8 50.8

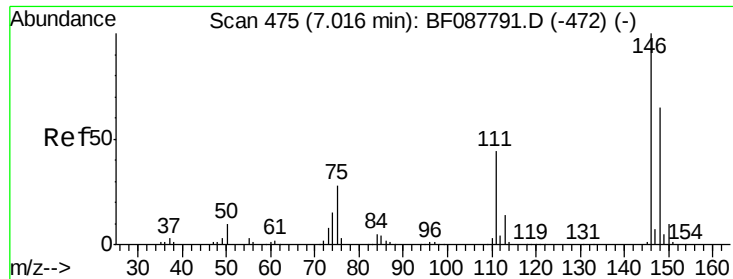


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#14

1,2-Dichlorobenzene

Concen: 5.94 ng

RT: 6.71 min Scan# 448

Delta R.T. -0.31 min

Lab File: BF088449.D

Acq: 27 Jun 2016 11:53

Instrument :

BNA_F

ClientSampleId :

HSR-WC-55-062216MS

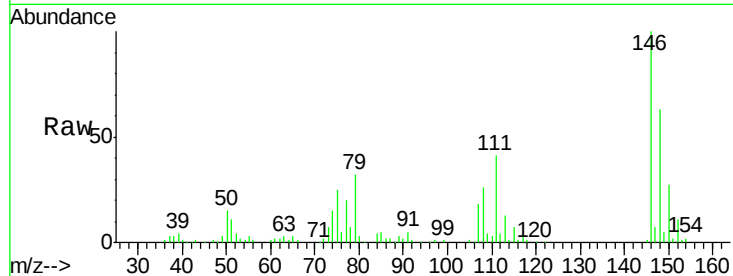
Tot Ion:146 Resp: 102648

Ion Ratio Lower Upper

146 100

148 63.3 52.3 78.5

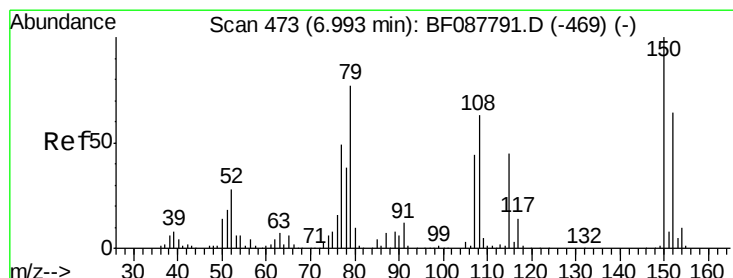
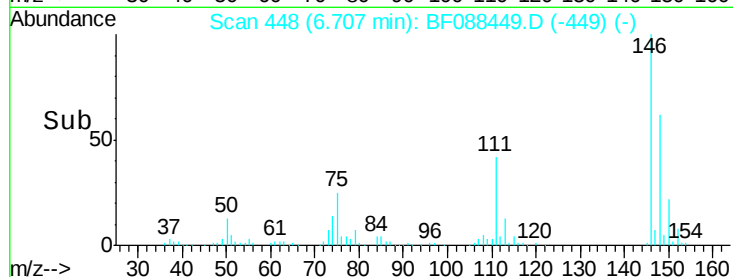
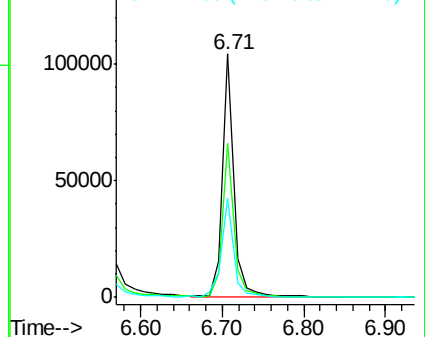
111 40.9 28.7 43.1



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: 5.69 ng

RT: 6.71 min Scan# 448

Delta R.T. -0.29 min

Lab File: BF088449.D

Acq: 27 Jun 2016 11:53

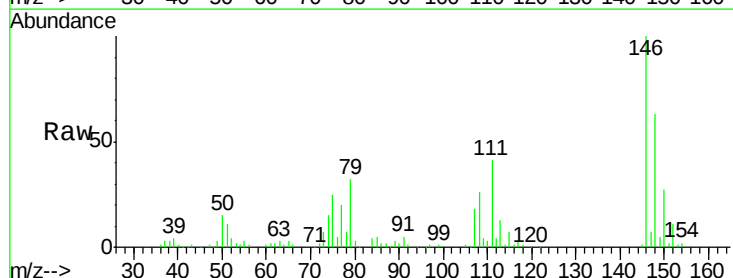
Tgt Ion: 79 Resp: 80152

Ion Ratio Lower Upper

79 100

108 82.4 65.0 97.6

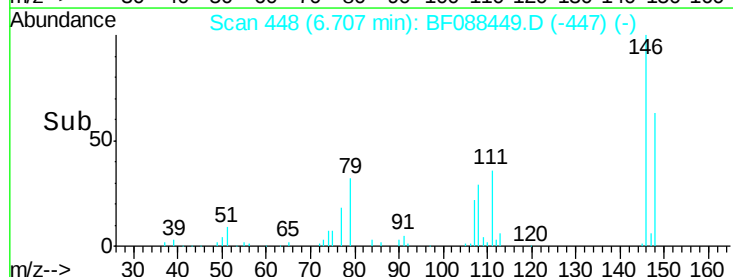
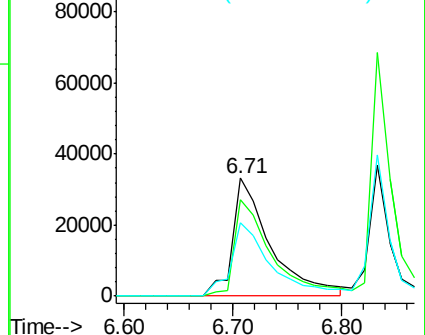
77 62.5 50.3 75.5

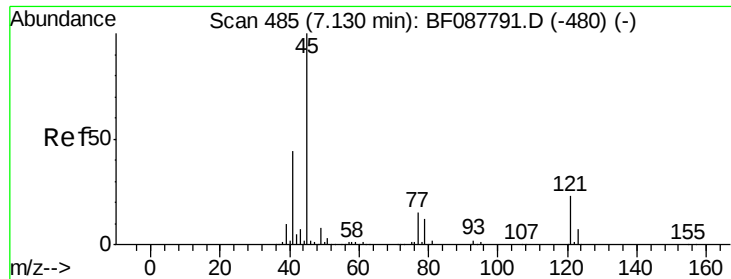


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

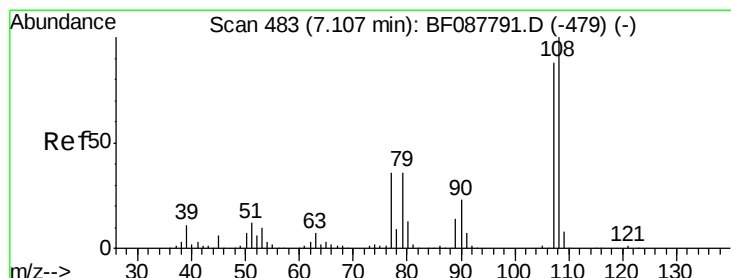
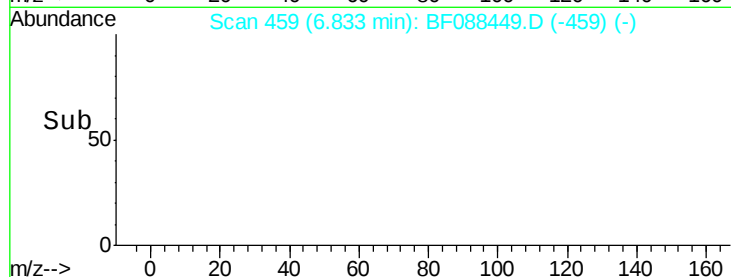
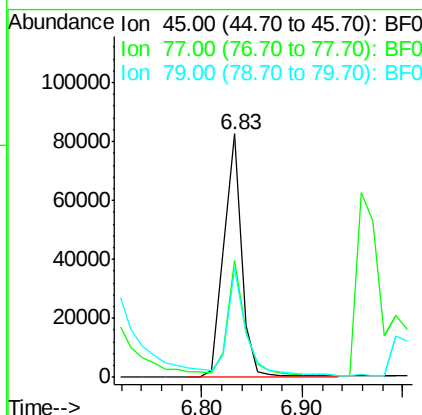
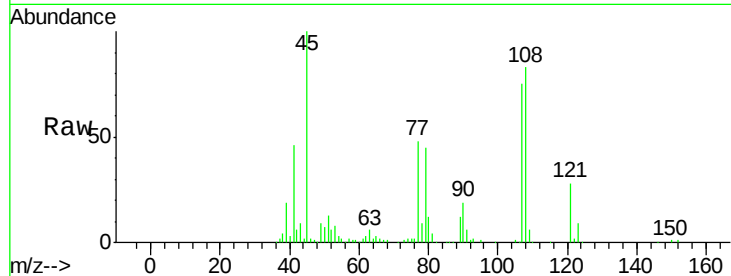




#16
2,2'-oxvbis(1-Chloropropane)
Concen: 4.72 ng
RT: 6.83 min Scan# 459
Delta R.T. -0.30 min
Lab File: BF088449.D
Acq: 27 Jun 2016 11:53

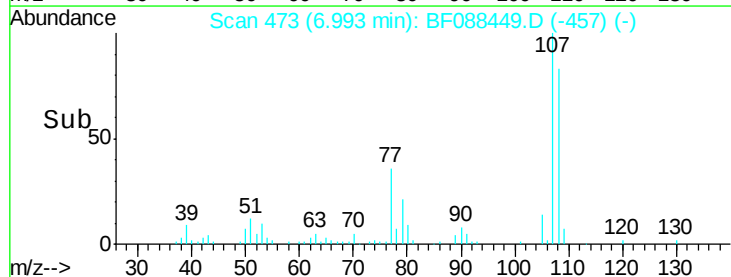
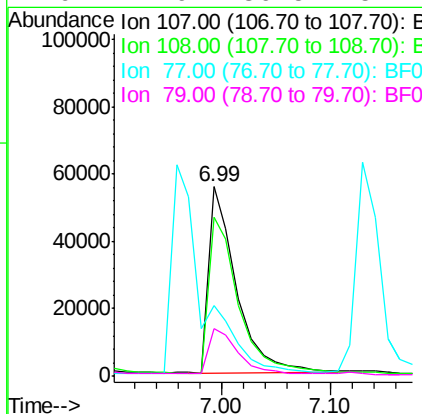
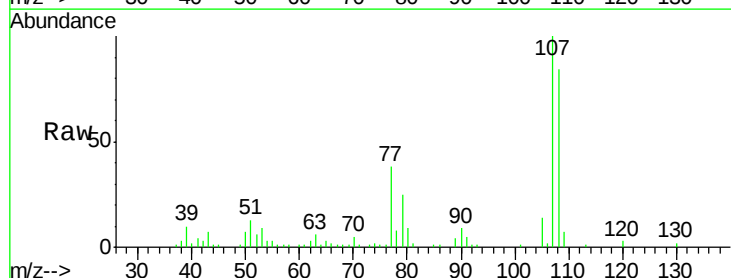
Instrument :
BNA_F
ClientSampleId :
HSR-WC-55-062216MS

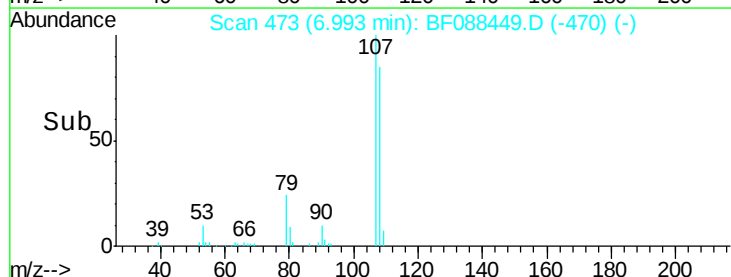
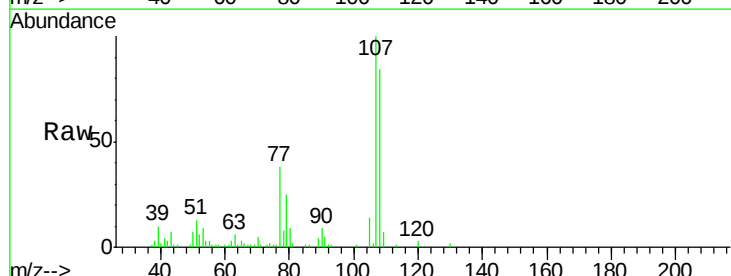
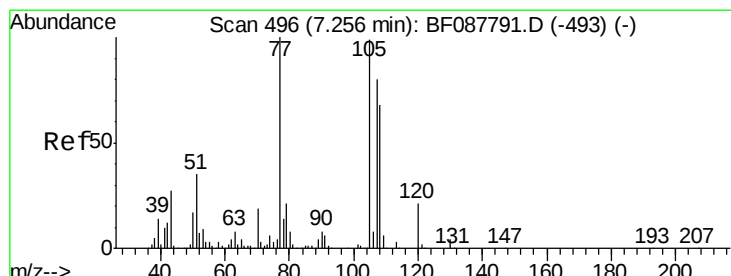
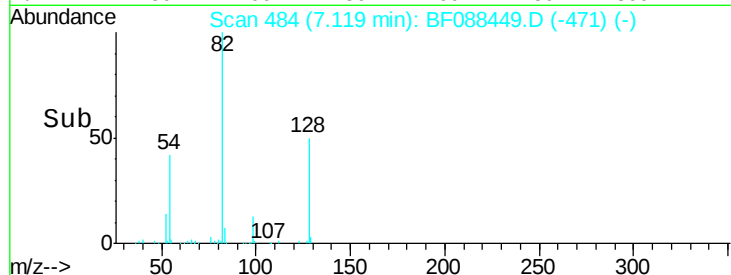
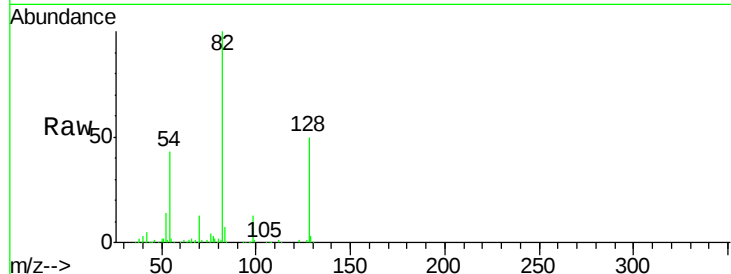
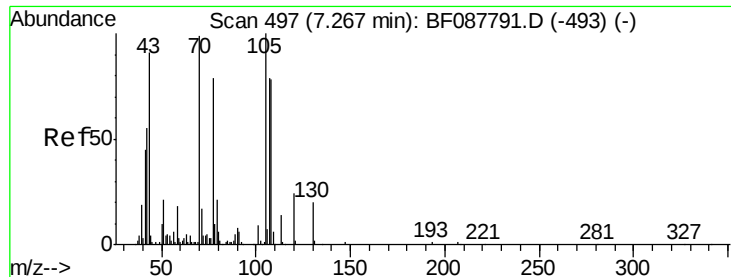
Tot Ion: 45 Resp: 100643
Ion Ratio Lower Upper
45 100
77 48.1 0.0 32.5#
79 44.8 0.0 29.5#



#17
2-Methylphenol
Concen: 6.95 ng
RT: 6.99 min Scan# 473
Delta R.T. -0.11 min
Lab File: BF088449.D
Acq: 27 Jun 2016 11:53

Tgt Ion: 107 Resp: 99020
Ion Ratio Lower Upper
107 100
108 84.3 90.9 136.3#
77 37.6 36.6 55.0
79 24.9 36.5 54.7#

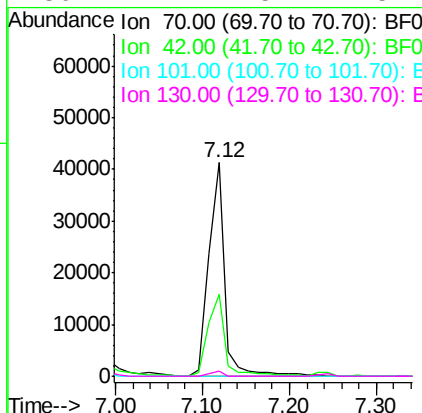




#19
n-Nitroso-di-n-propylamine
Concen: 4.61 ng
RT: 7.12 min Scan# 484
Delta R.T. -0.15 min
Lab File: BF088449.D
Acq: 27 Jun 2016 11:53

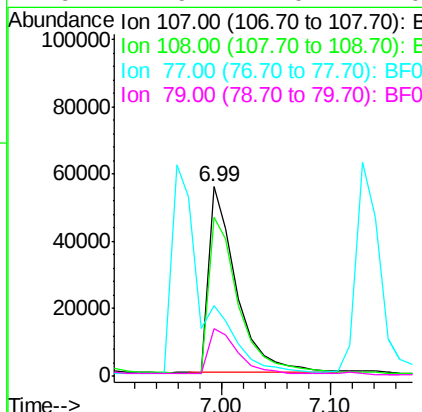
Instrument :
BNA_F
ClientSampleId :
HSR-WC-55-062216MS

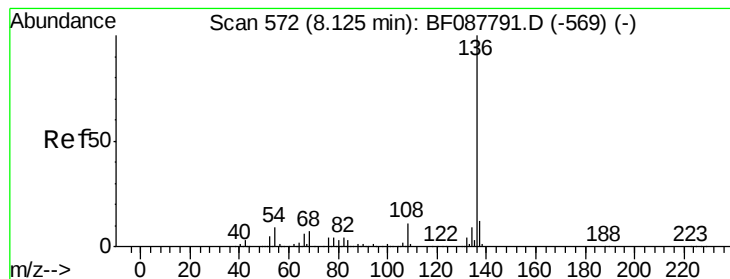
Tot Ion: 70 Resp: 53032
Ion Ratio Lower Upper
70 100
42 38.3 49.6 74.4#
101 0.0 7.1 10.7#
130 2.7 15.4 23.2#



#20
3+4-Methylphenols
Concen: 5.94 ng
RT: 6.99 min Scan# 473
Delta R.T. -0.26 min
Lab File: BF088449.D
Acq: 27 Jun 2016 11:53

Tgt Ion:107 Resp: 98748
Ion Ratio Lower Upper
107 100
108 84.3 67.8 107.8
77 37.6 59.3 99.3#
79 24.9 7.0 47.0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.83 min Scan# 546

Delta R.T. -0.30 min

Lab File: BF088449.D

Acq: 27 Jun 2016 11:53

Instrument :

BNA_F

ClientSampleId :

HSR-WC-55-062216MS

Tot Ion:136 Resp: 285562

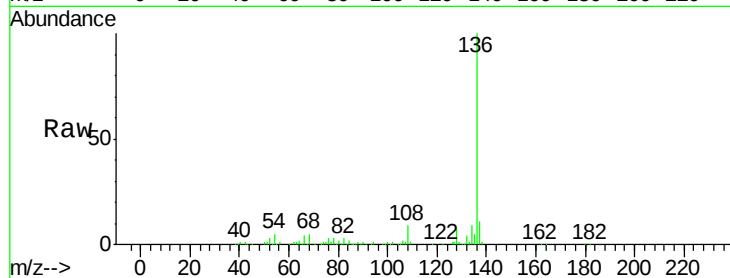
Ion Ratio Lower Upper

136 100

137 10.7 9.1 13.7

54 5.3 6.6 10.0#

68 4.5 5.1 7.7#

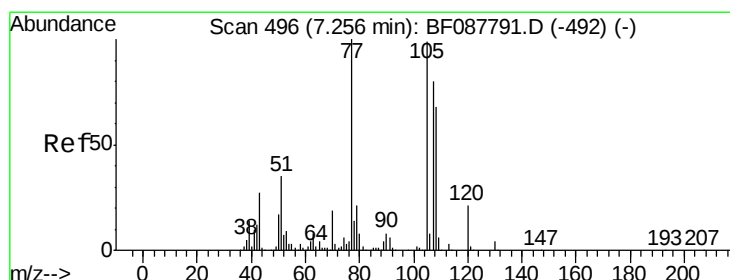
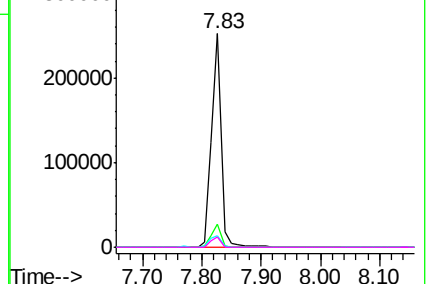
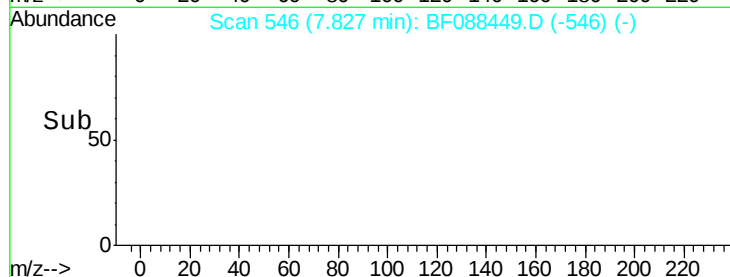


Abundance Ion 136.00 (135.70 to 136.70): E

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: 22.99 ng

RT: 6.96 min Scan# 470

Delta R.T. -0.30 min

Lab File: BF088449.D

Acq: 27 Jun 2016 11:53

Tgt Ion:105 Resp: 146743

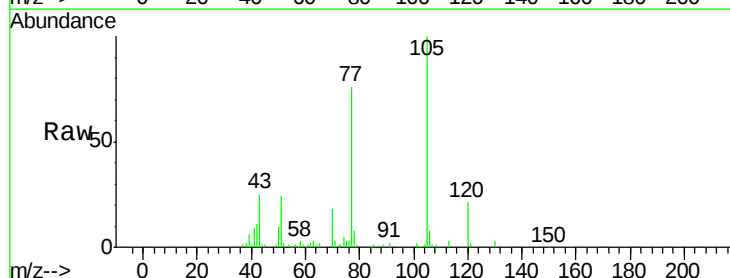
Ion Ratio Lower Upper

105 100

71 3.3 5.3 7.9#

51 23.9 18.2 27.4

120 20.5 18.0 27.0

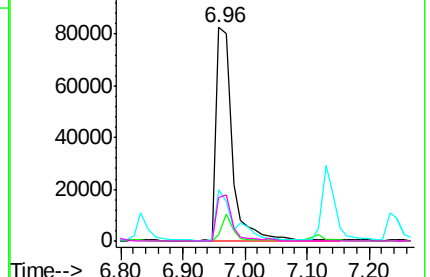
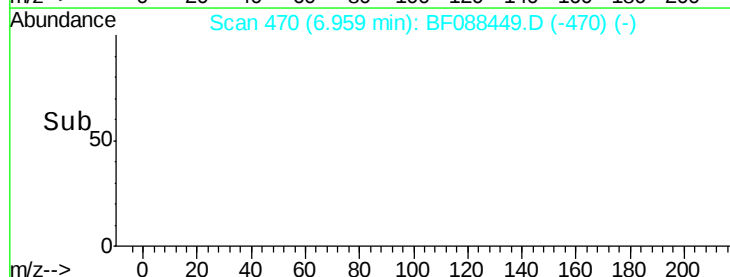


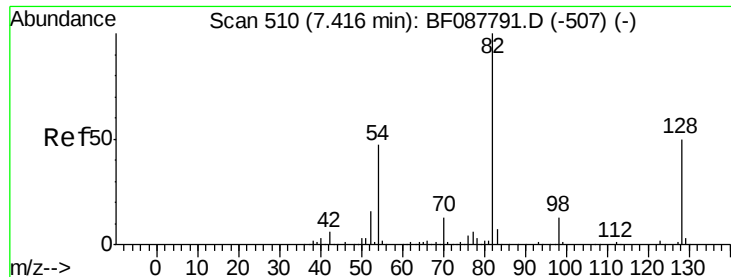
Abundance Ion 105.00 (104.70 to 105.70): E

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

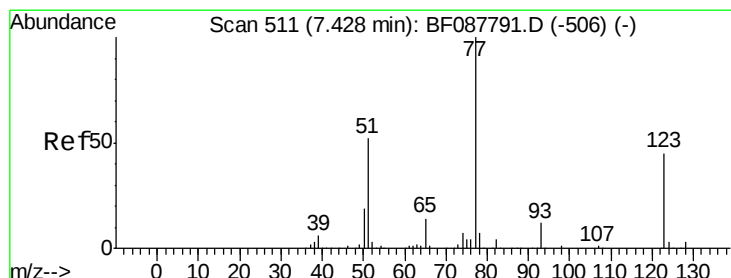
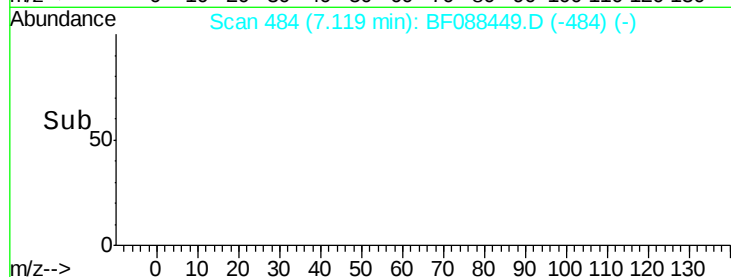
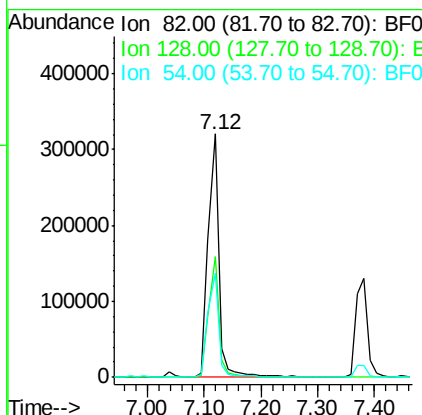
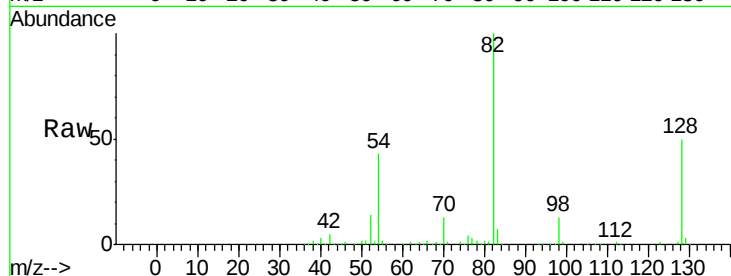




#23
Nitrobenzene-d5
Concen: 83.47 ng
RT: 7.12 min Scan# 484
Delta R.T. -0.30 min
Lab File: BF088449.D
Acq: 27 Jun 2016 11:53

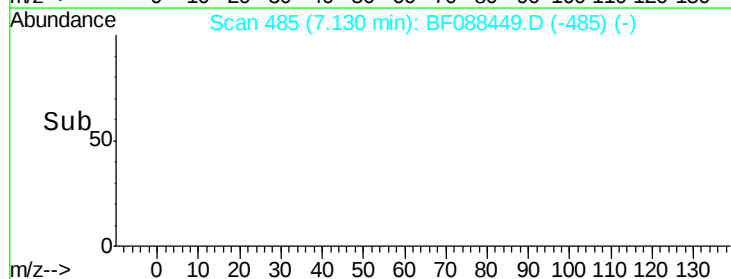
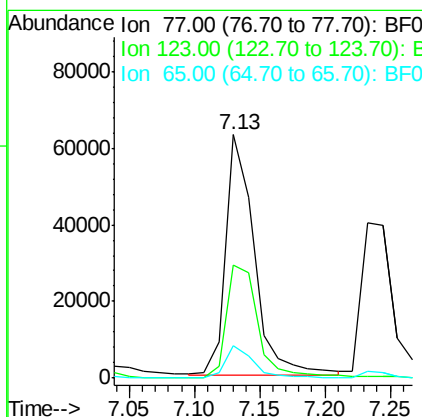
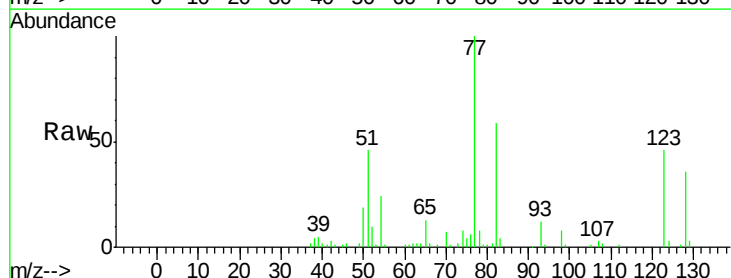
Instrument :
BNA_F
ClientSampleId :
HSR-WC-55-062216MS

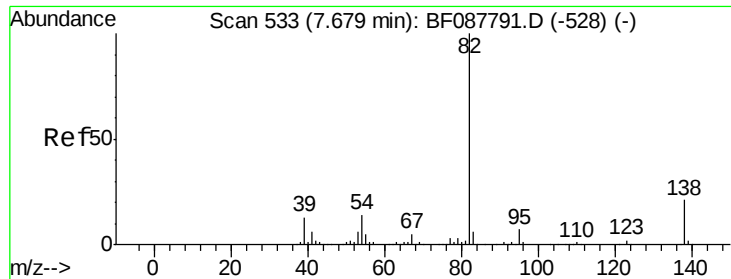
Tot Ion: 82 Resp: 408176
Ion Ratio Lower Upper
82 100
128 49.6 35.9 53.9
54 42.8 40.9 61.3



#24
Nitrobenzene
Concen: 20.34 ng
RT: 7.13 min Scan# 485
Delta R.T. -0.30 min
Lab File: BF088449.D
Acq: 27 Jun 2016 11:53

Tgt Ion: 77 Resp: 96355
Ion Ratio Lower Upper
77 100
123 46.3 45.0 67.4
65 13.3 10.2 15.2





#25

Isophorone

Concen: 20.42 ng

RT: 7.38 min Scan# 507

Delta R.T. -0.30 min

Lab File: BF088449.D

Acq: 27 Jun 2016 11:53

Instrument :

BNA_F

ClientSampleId :

HSR-WC-55-062216MS

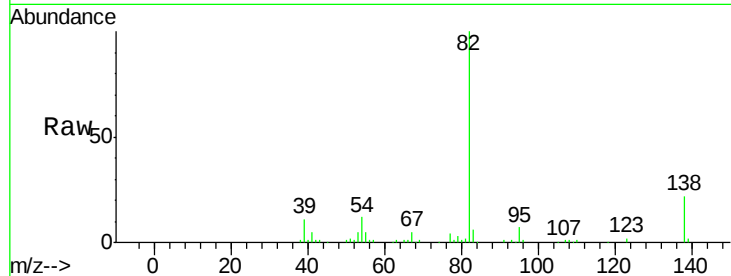
Tot Ion: 82 Resp: 184940

Ion Ratio Lower Upper

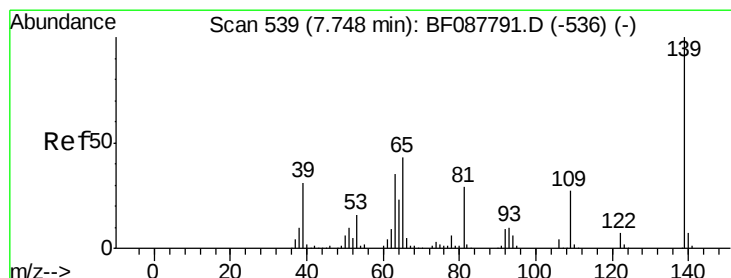
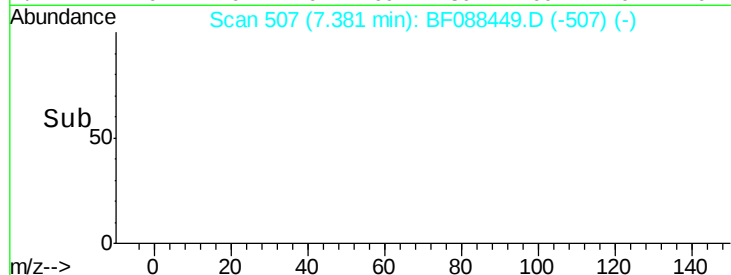
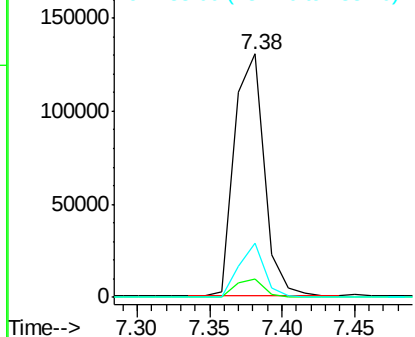
82 100

95 7.4 5.4 8.2

138 22.2 14.6 21.8#



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 22.51 ng

RT: 7.45 min Scan# 513

Delta R.T. -0.30 min

Lab File: BF088449.D

Acq: 27 Jun 2016 11:53

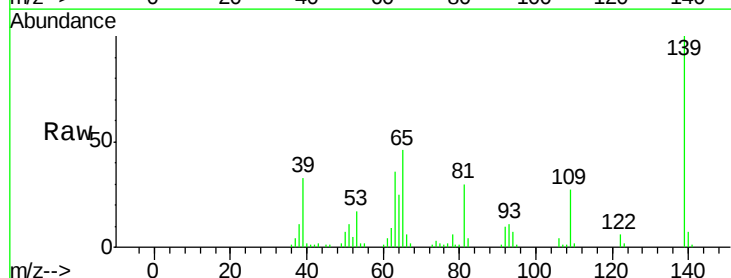
Tgt Ion:139 Resp: 57113

Ion Ratio Lower Upper

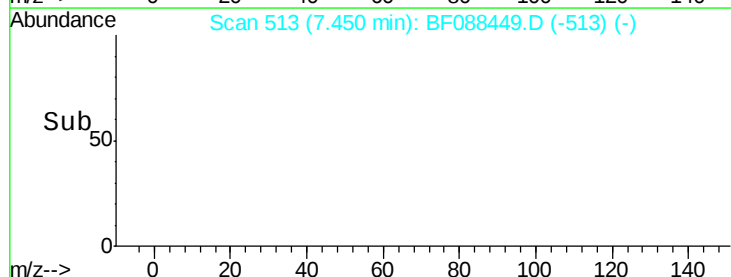
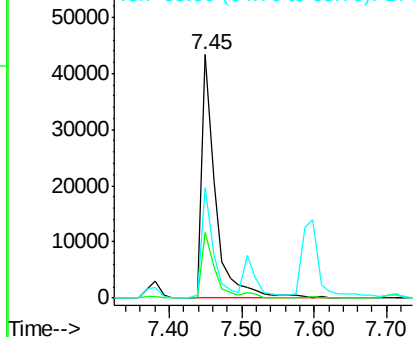
139 100

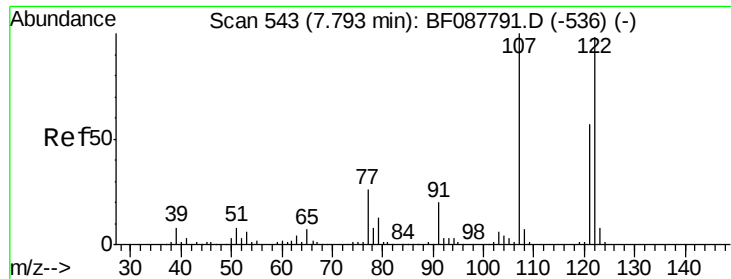
109 27.2 23.0 34.4

65 45.6 45.8 68.8#



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





#27

2,4-Dimethylphenol

Concen: 20.00 ng

RT: 7.51 min Scan# 518

Delta R.T. -0.29 min

Lab File: BF088449.D

Acq: 27 Jun 2016 11:53

Instrument :

BNA_F

ClientSampleId :

HSR-WC-55-062216MS

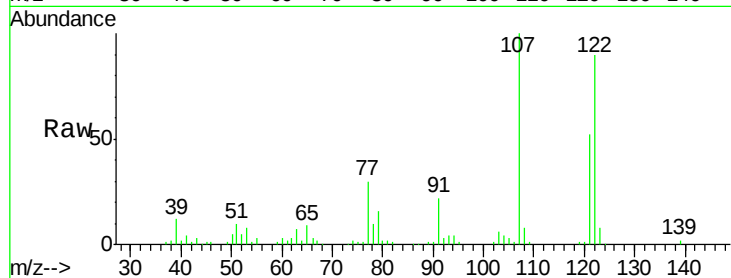
Tot Ion:122 Resp: 93427

Ion Ratio Lower Upper

122 100

107 111.7 82.4 123.6

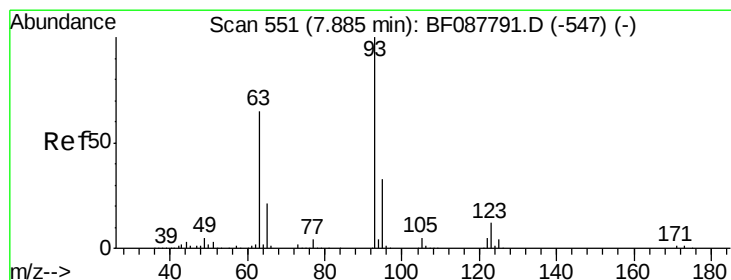
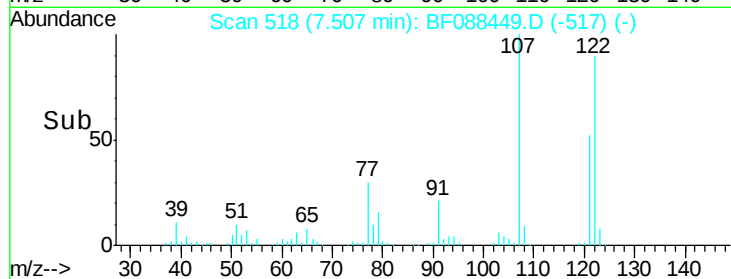
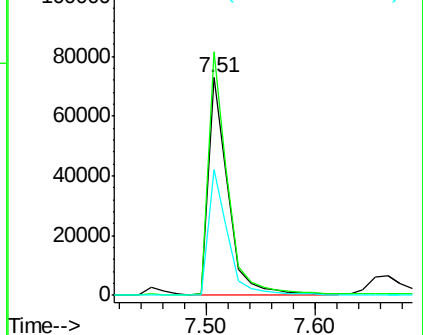
121 57.6 46.3 69.5



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: 21.01 ng

RT: 7.60 min Scan# 526

Delta R.T. -0.29 min

Lab File: BF088449.D

Acq: 27 Jun 2016 11:53

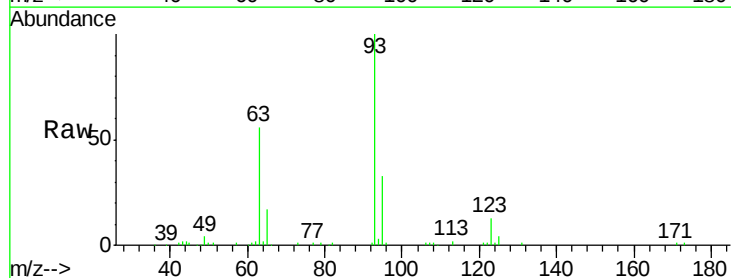
Tgt Ion: 93 Resp: 118058

Ion Ratio Lower Upper

93 100

95 33.1 26.5 39.7

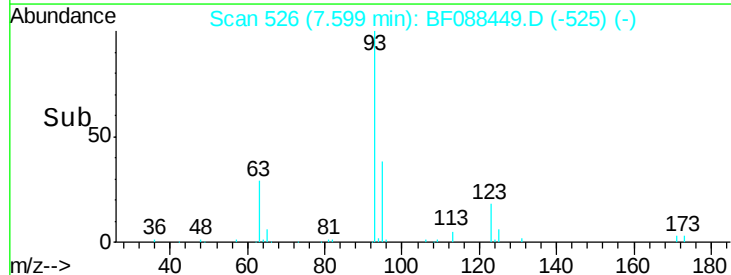
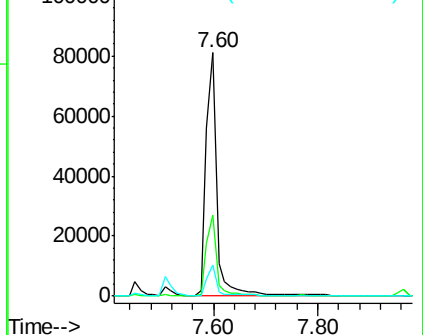
123 12.5 11.6 17.4

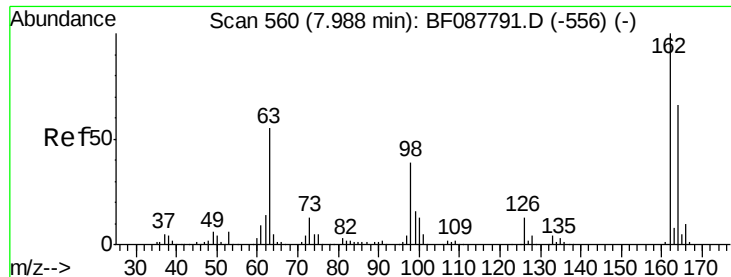


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

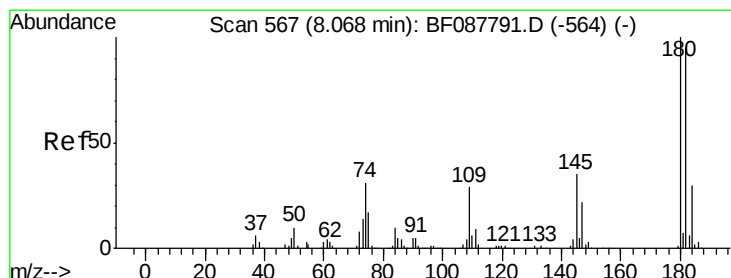
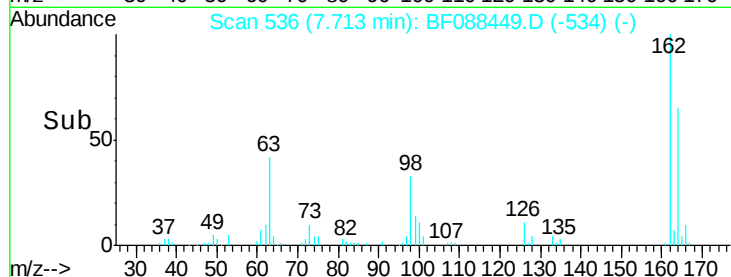
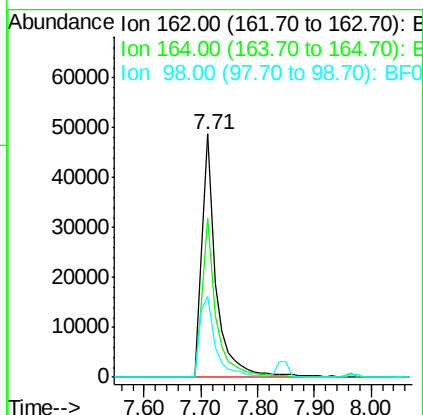
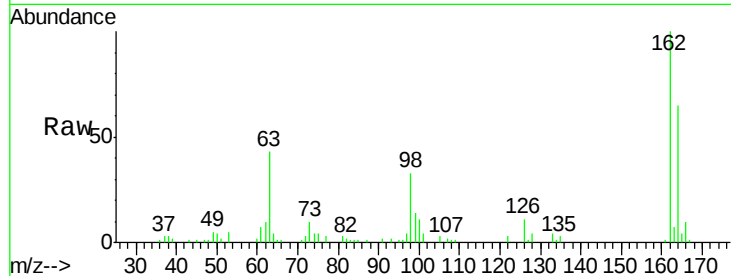




#29
2,4-Dichlorophenol
Concen: 21.18 ng
RT: 7.71 min Scan# 536
Delta R.T. -0.27 min
Lab File: BF088449.D
Acq: 27 Jun 2016 11:53

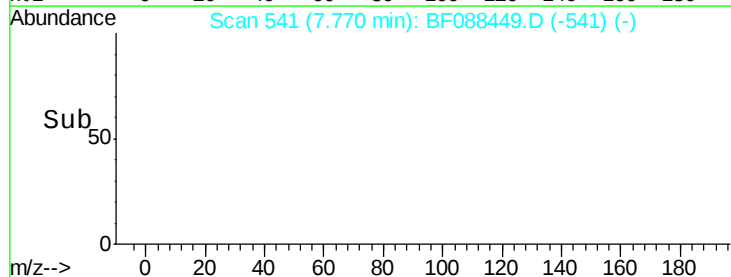
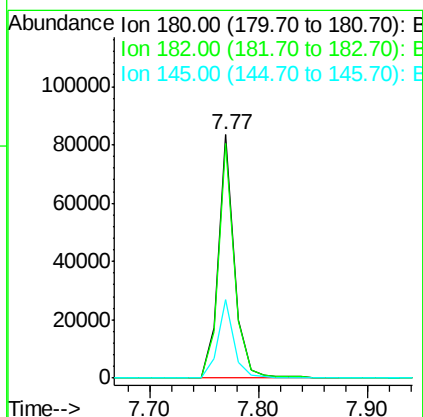
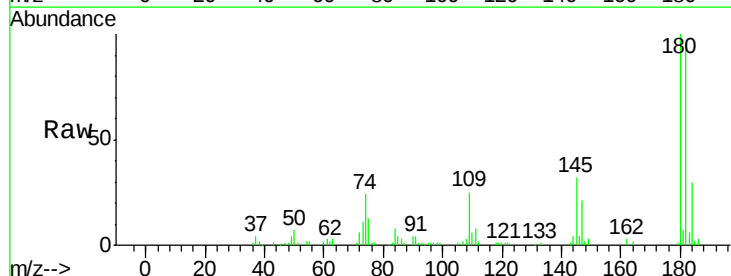
Instrument :
BNA_F
ClientSampleId :
HSR-WC-55-062216MS

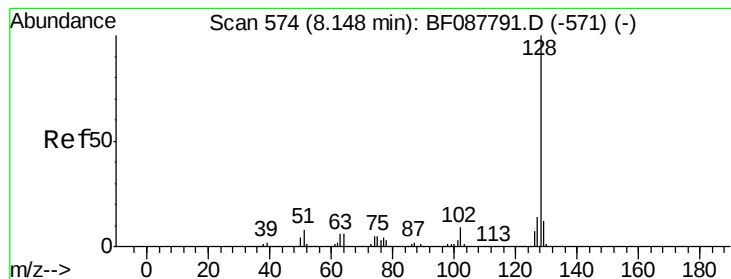
Tot Ion:162 Resp: 82602
Ion Ratio Lower Upper
162 100
164 65.1 43.8 83.8
98 33.2 21.3 61.3



#30
1,2,4-Trichlorobenzene
Concen: 20.41 ng
RT: 7.77 min Scan# 541
Delta R.T. -0.30 min
Lab File: BF088449.D
Acq: 27 Jun 2016 11:53

Tgt Ion:180 Resp: 86673
Ion Ratio Lower Upper
180 100
182 96.5 76.0 114.0
145 32.5 26.5 39.7





#31

Naphthalene

Concen: 23.37 ng

RT: 7.85 min Scan# 548

Delta R.T. -0.30 min

Lab File: BF088449.D

Acq: 27 Jun 2016 11:53

Instrument :

BNA_F

ClientSampleId :

HSR-WC-55-062216MS

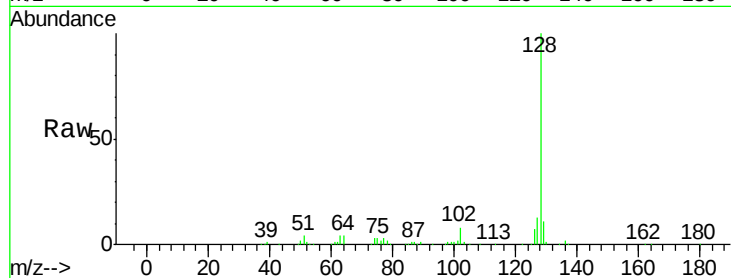
Tot Ion:128 Resp: 330235

Ion Ratio Lower Upper

128 100

129 10.5 9.4 14.2

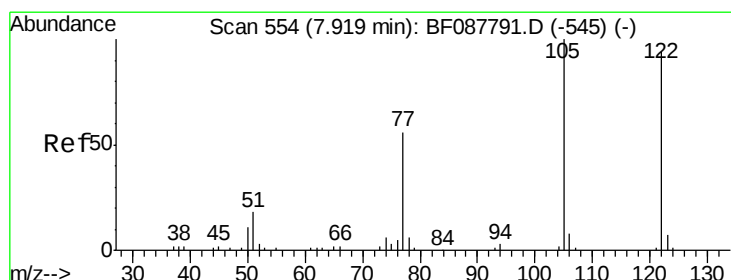
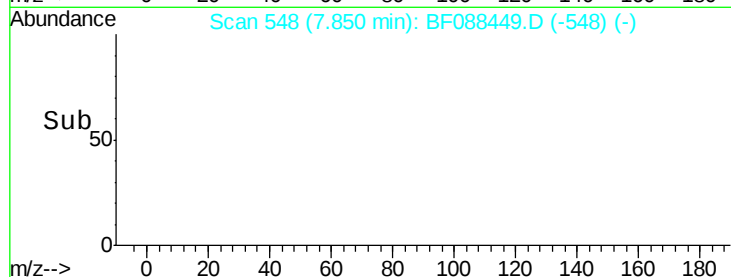
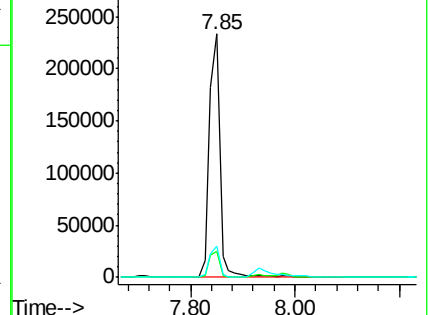
127 12.7 10.9 16.3



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 6.93 ng

RT: 7.67 min Scan# 532

Delta R.T. -0.25 min

Lab File: BF088449.D

Acq: 27 Jun 2016 11:53

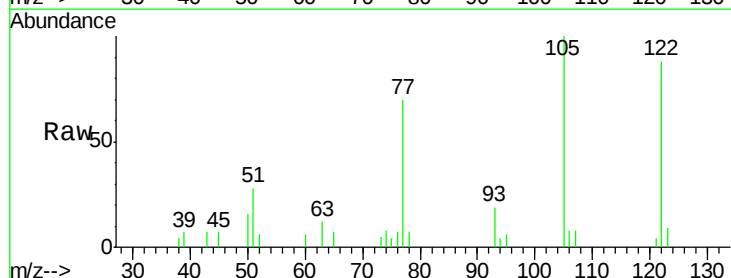
Tgt Ion:122 Resp: 17823

Ion Ratio Lower Upper

122 100

105 113.9 101.6 141.6

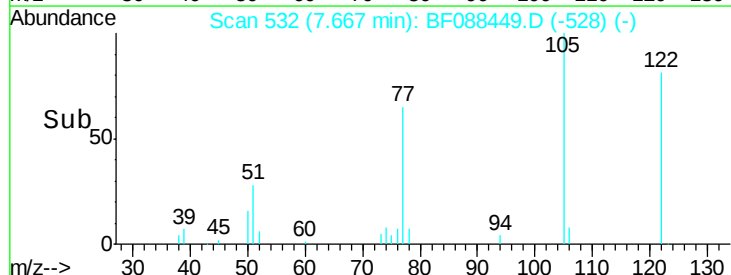
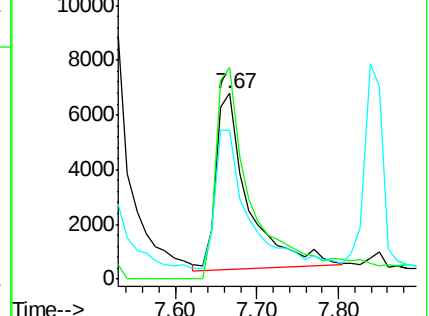
77 80.0 70.6 110.6

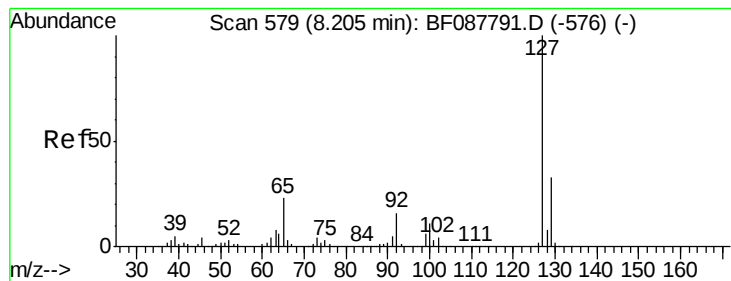


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





#33

4-Chloroaniline

Concen: 3.91 ng

RT: 7.93 min Scan# 555

Delta R.T. -0.27 min

Lab File: BF088449.D

Acq: 27 Jun 2016 11:53

Instrument :

BNA_F

ClientSampleId :

HSR-WC-55-062216MS

Tot Ion:127 Resp: 24666

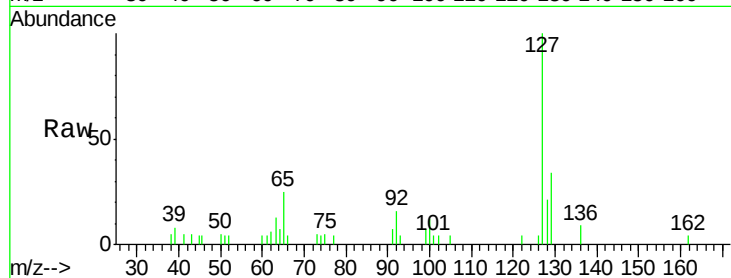
Ion Ratio Lower Upper

127 100

129 33.7 26.3 39.5

65 25.3 24.7 37.1

92 16.5 15.4 23.0

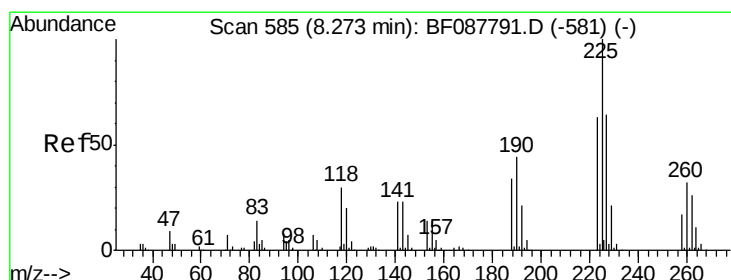
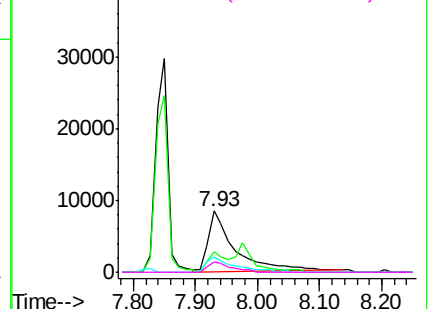
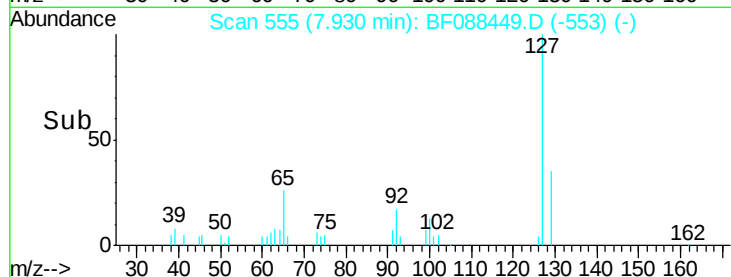


Abundance Ion 127.00 (126.70 to 127.70): E

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: 20.75 ng

RT: 7.96 min Scan# 558

Delta R.T. -0.31 min

Lab File: BF088449.D

Acq: 27 Jun 2016 11:53

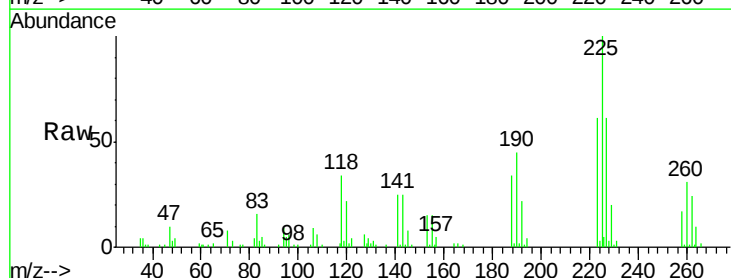
Tgt Ion:225 Resp: 46479

Ion Ratio Lower Upper

225 100

223 61.3 50.9 76.3

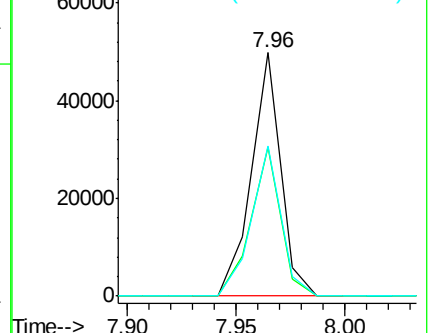
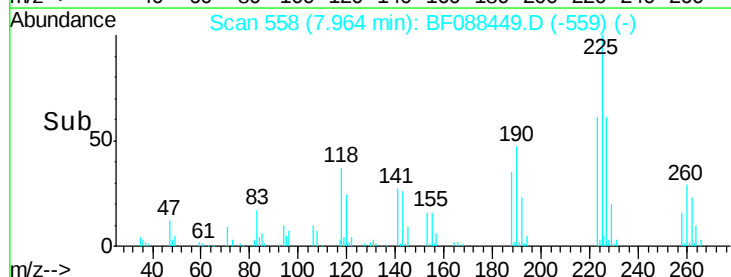
227 61.5 51.9 77.9

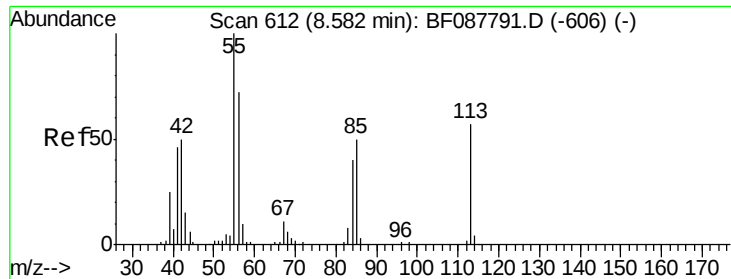


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

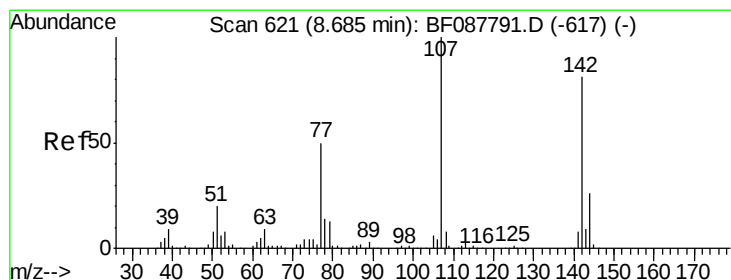
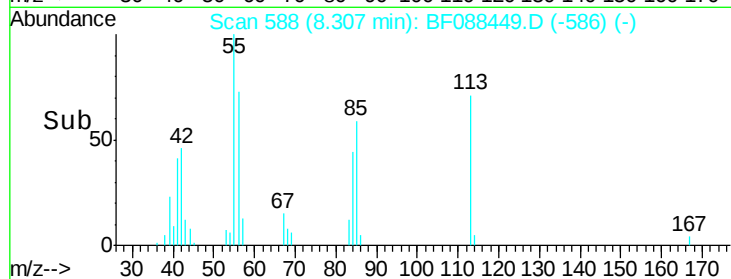
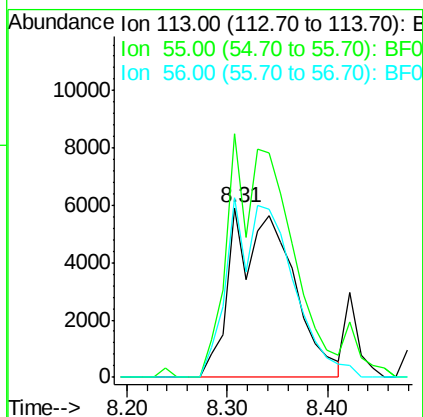
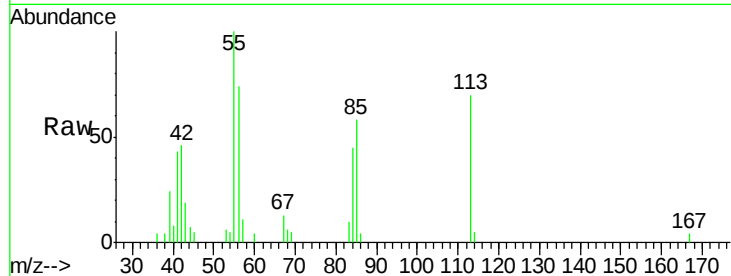




#35
Caprolactam
Concen: 18.78 ng
RT: 8.31 min Scan# 588
Delta R.T. -0.27 min
Lab File: BF088449.D
Acq: 27 Jun 2016 11:53

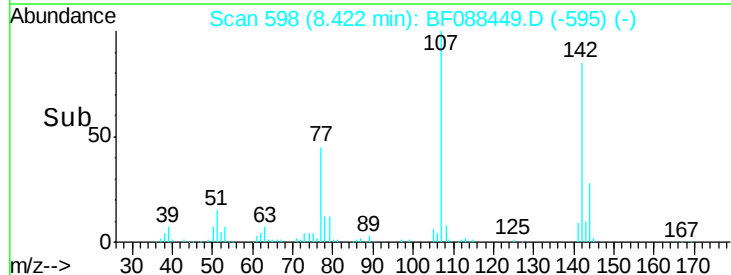
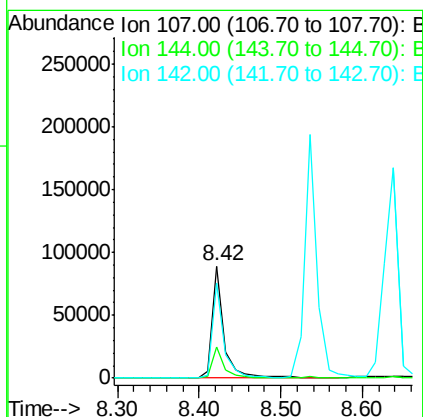
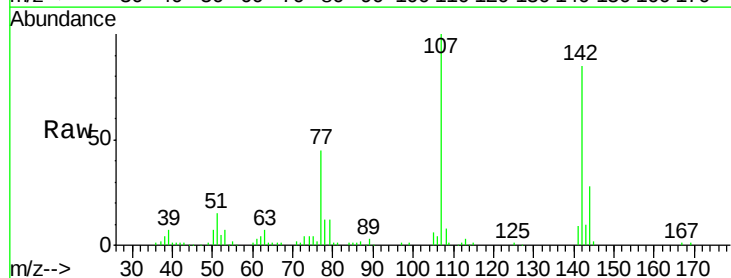
Instrument :
BNA_F
ClientSampleId :
HSR-WC-55-062216MS

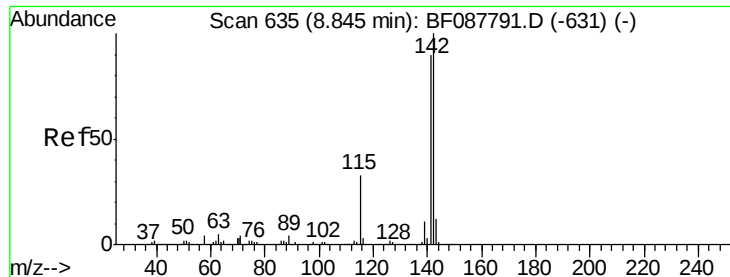
Tot Ion:113 Resp: 24264
Ion Ratio Lower Upper
113 100
55 143.6 158.6 198.6#
56 106.1 110.6 150.6#



#36
4-Chloro-3-methylphenol
Concen: 22.34 ng
RT: 8.42 min Scan# 598
Delta R.T. -0.26 min
Lab File: BF088449.D
Acq: 27 Jun 2016 11:53

Tgt Ion:107 Resp: 93182
Ion Ratio Lower Upper
107 100
144 28.1 20.8 31.2
142 85.2 63.4 95.2

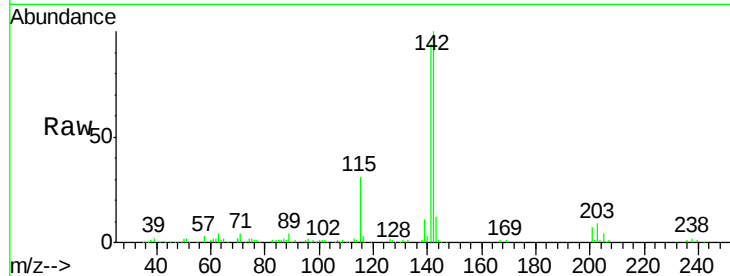




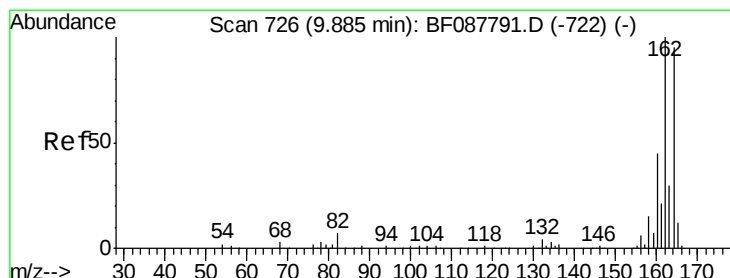
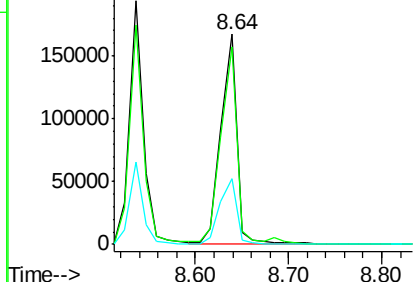
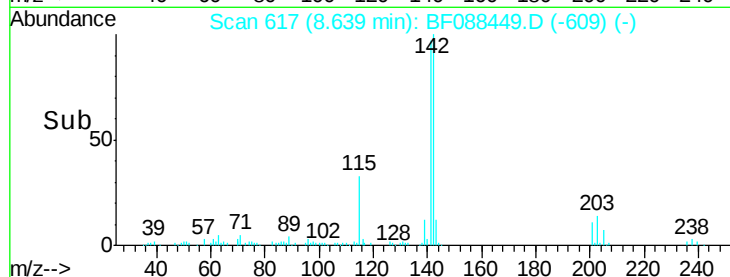
#37
2-Methylnaphthalene
Concen: 21.18 ng
RT: 8.64 min Scan# 617
Delta R.T. -0.21 min
Lab File: BF088449.D
Acq: 27 Jun 2016 11:53

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

Tot Ion:142 Resp: 197292
Ion Ratio Lower Upper
142 100
141 94.0 71.0 106.6
115 31.2 22.6 33.8

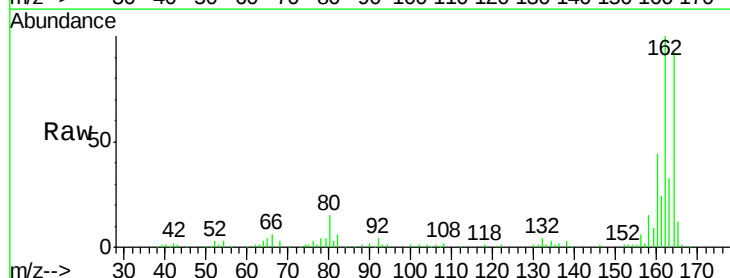


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

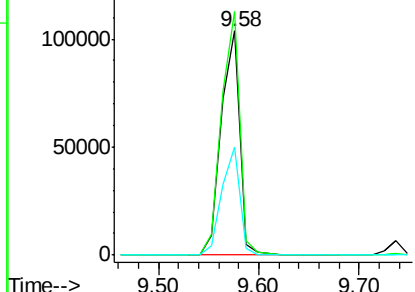
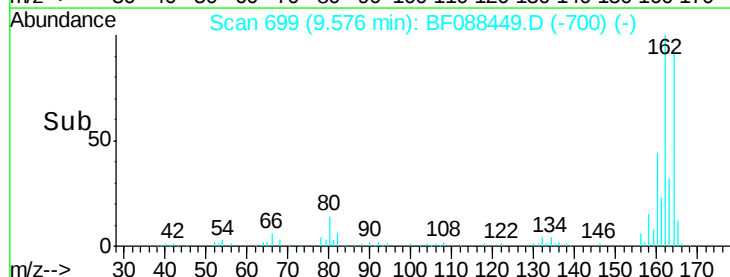


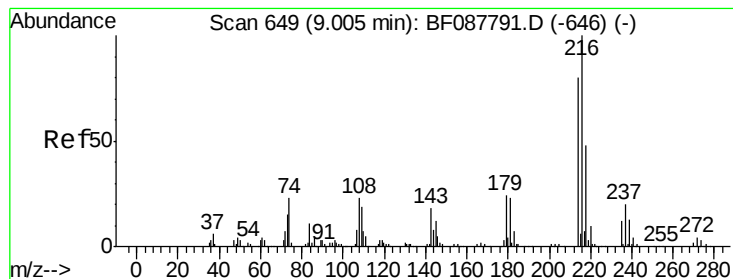
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.58 min Scan# 699
Delta R.T. -0.31 min
Lab File: BF088449.D
Acq: 27 Jun 2016 11:53

Tgt Ion:164 Resp: 132831
Ion Ratio Lower Upper
164 100
162 108.6 85.4 128.2
160 48.2 39.5 59.3



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 21.22 ng

RT: 8.71 min Scan# 623

Delta R.T. -0.30 min

Lab File: BF088449.D

Acq: 27 Jun 2016 11:53

Instrument :

BNA_F

ClientSampleId :

HSR-WC-55-062216MS

Tot Ion:216 Resp: 87308

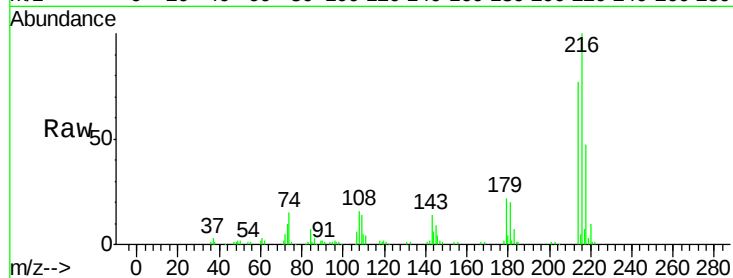
Ion Ratio Lower Upper

216 100

214 77.9 2.9 4.3#

179 22.2 0.0 0.0#

108 22.0 0.5 0.7#

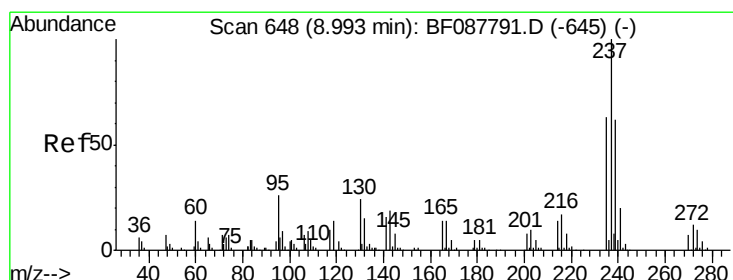
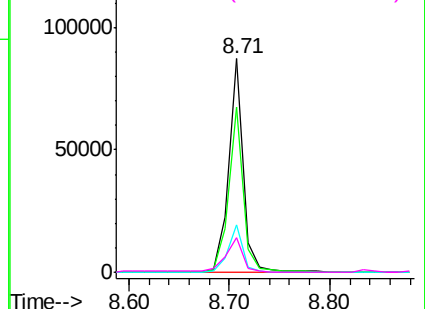
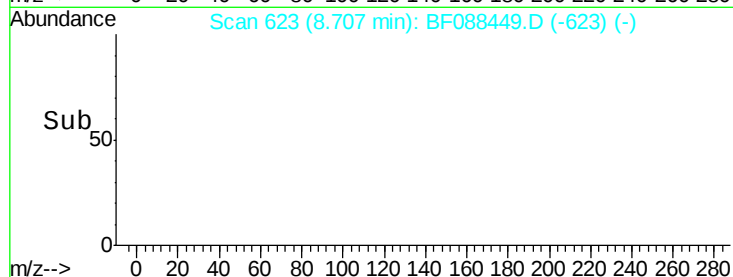


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 11.18 ng

RT: 8.68 min Scan# 621

Delta R.T. -0.31 min

Lab File: BF088449.D

Acq: 27 Jun 2016 11:53

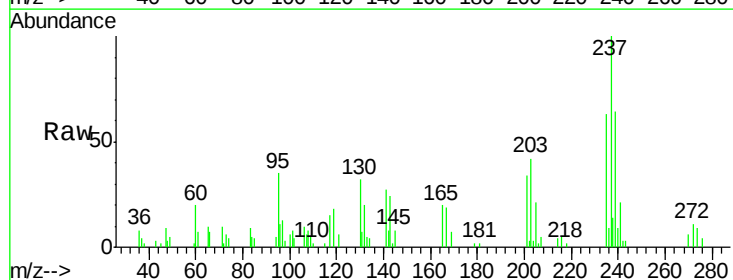
Tgt Ion:237 Resp: 23951

Ion Ratio Lower Upper

237 100

235 63.2 43.4 83.4

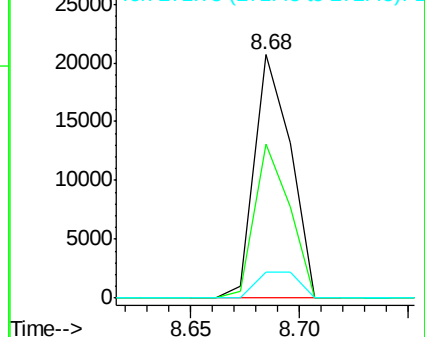
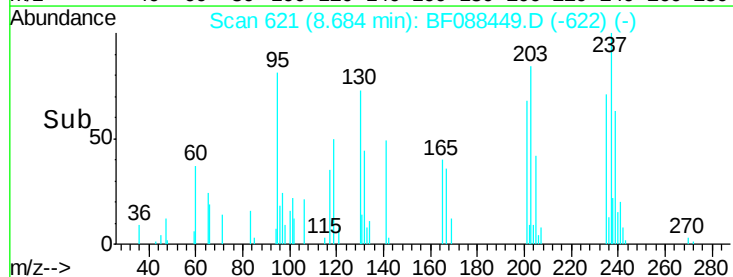
272 10.9 0.0 32.3

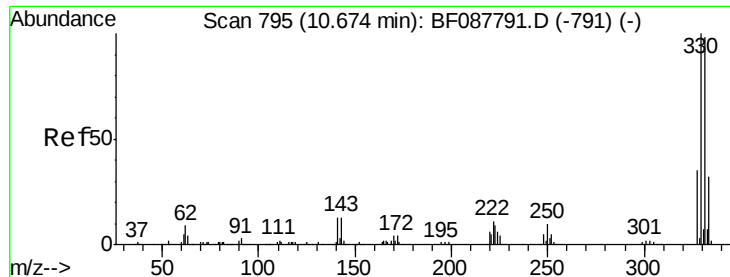


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

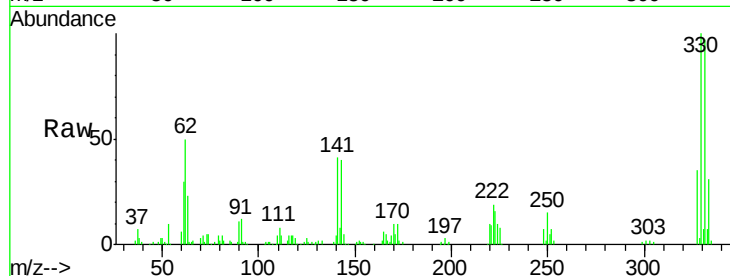




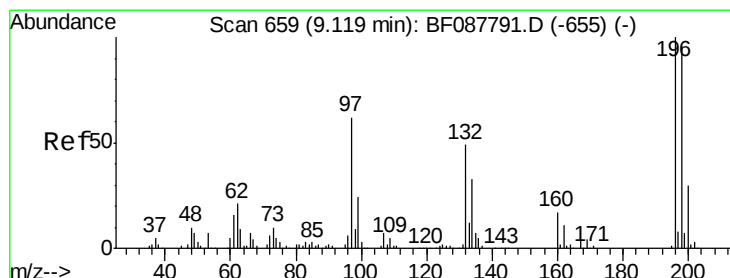
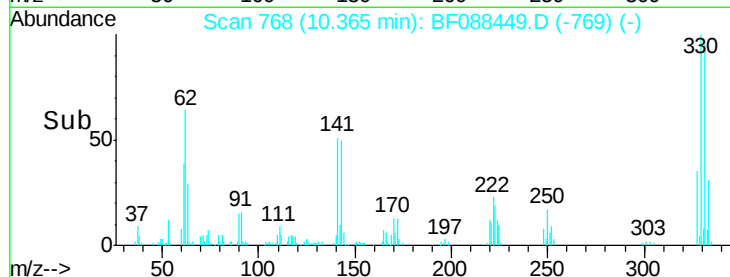
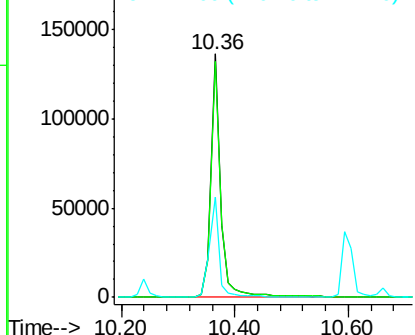
#41
 2,4,6-Tribromophenol
 Concen: 112.69 ng
 RT: 10.36 min Scan# 768
 Delta R.T. -0.31 min
 Lab File: BF088449.D
 Acq: 27 Jun 2016 11:53

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

Tot Ion:330 Resp: 158059
 Ion Ratio Lower Upper
 330 100
 332 97.7 0.0 0.0#
 141 42.2 0.0 0.0#

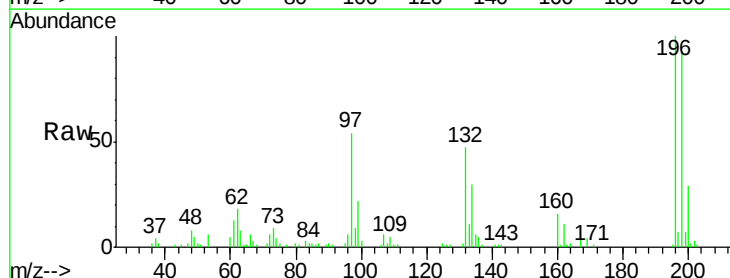


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

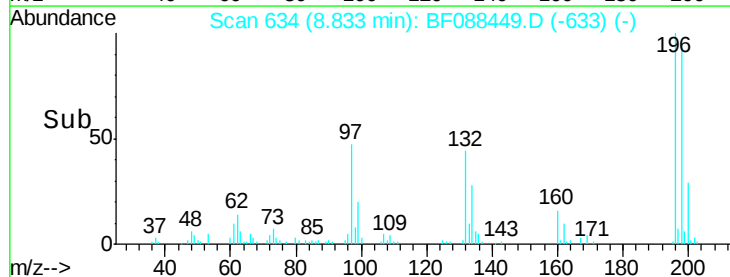
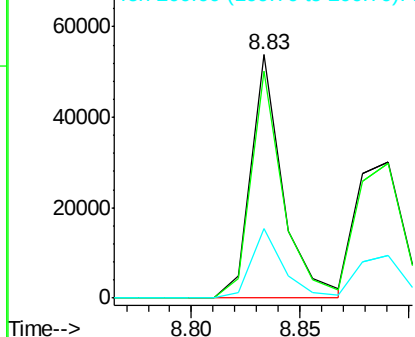


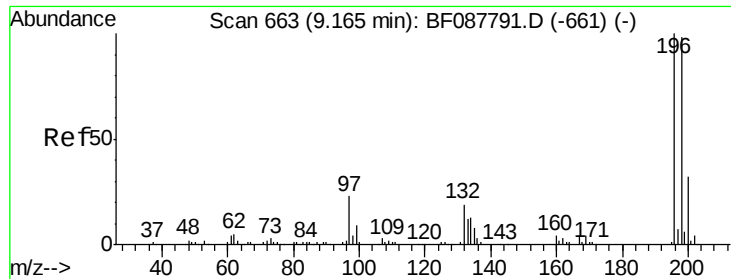
#42
 2,4,6-Trichlorophenol
 Concen: 20.68 ng
 RT: 8.83 min Scan# 634
 Delta R.T. -0.29 min
 Lab File: BF088449.D
 Acq: 27 Jun 2016 11:53

Tgt Ion:196 Resp: 54921
 Ion Ratio Lower Upper
 196 100
 198 93.2 78.0 117.0
 200 28.7 25.4 38.2



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

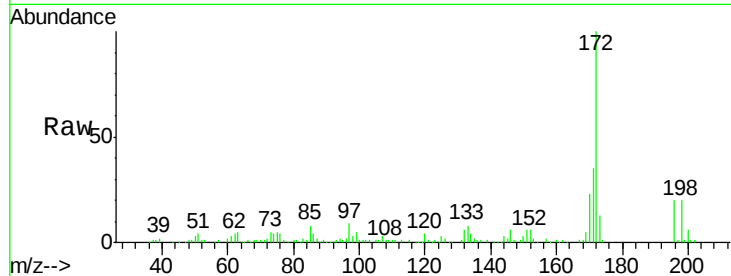




#43
 2,4,5-Trichlorophenol
 Concen: 19.92 ng
 RT: 8.89 min Scan# 639
 Delta R.T. -0.27 min
 Lab File: BF088449.D
 Acq: 27 Jun 2016 11:53

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

Tot Ion	Ion	Ratio	Lower	Upper
196	100			
198	98.6	77.5	116.3	
97	42.5	32.0	48.0	
132	29.8	20.9	31.3	



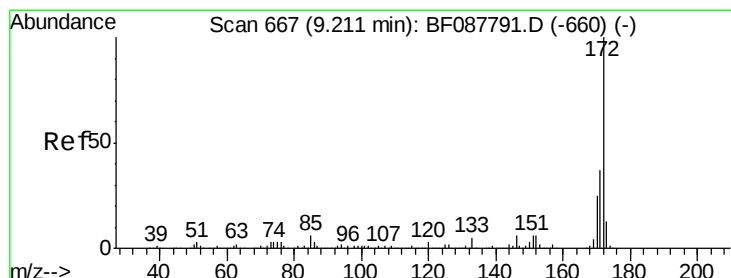
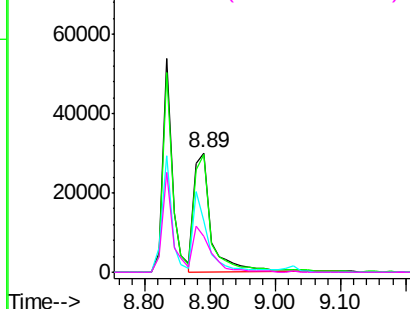
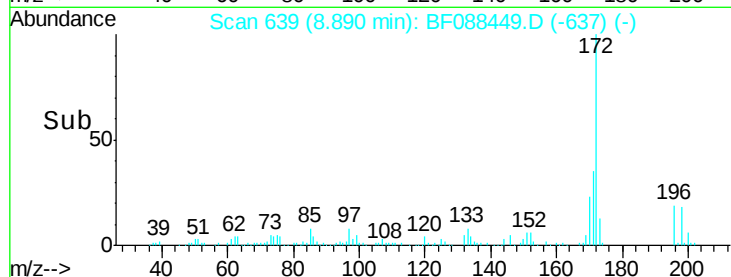
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

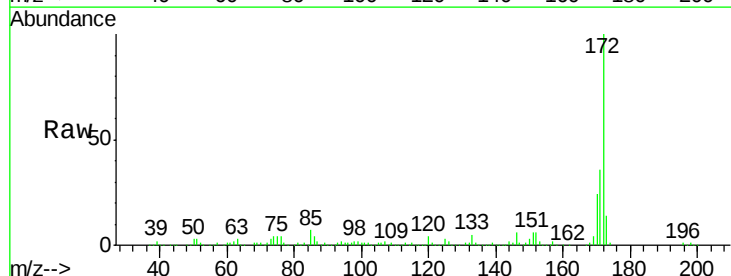
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 90.26 ng
 RT: 8.90 min Scan# 640
 Delta R.T. -0.31 min
 Lab File: BF088449.D
 Acq: 27 Jun 2016 11:53

Tgt Ion	Ion	Ratio	Lower	Upper
172	100			
171	35.6	28.6	43.0	
170	23.8	19.2	28.8	

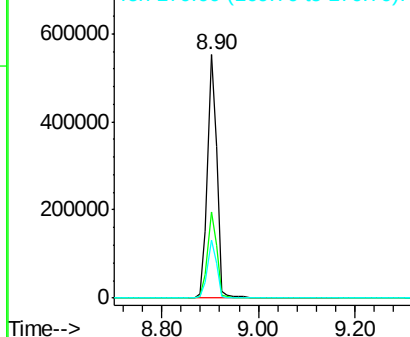
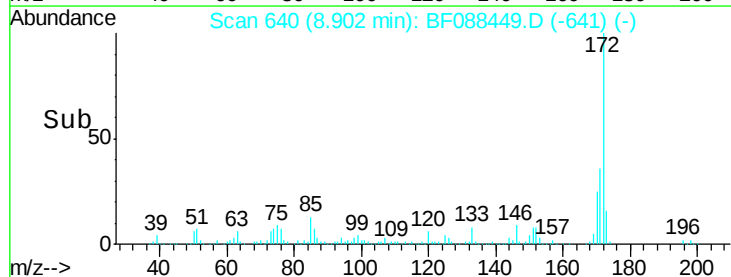


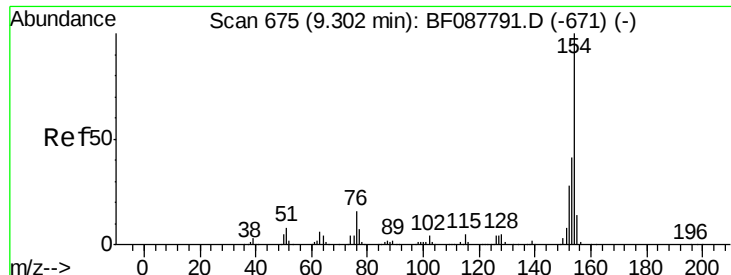
Abundance

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: 23.09 ng

RT: 9.00 min Scan# 649

Delta R.T. -0.30 min

Lab File: BF088449.D

Acq: 27 Jun 2016 11:53

Instrument :

BNA_F

ClientSampleId :

HSR-WC-55-062216MS

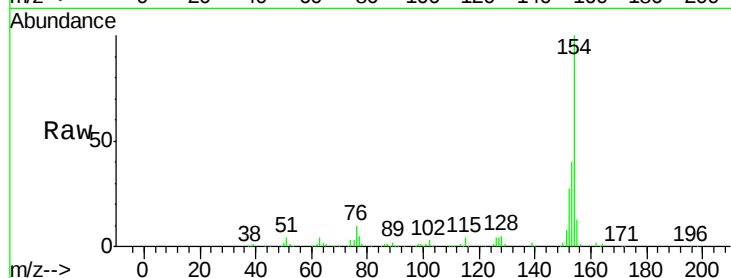
Tot Ion:154 Resp: 260339

Ion Ratio Lower Upper

154 100

153 40.4 20.6 60.6

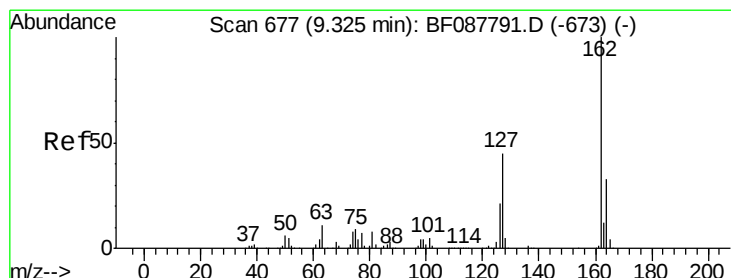
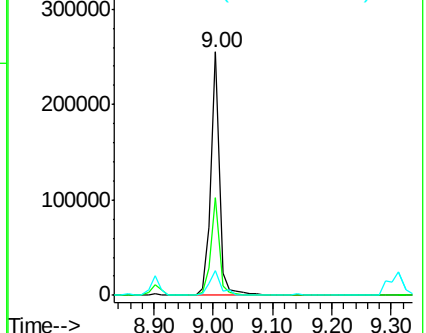
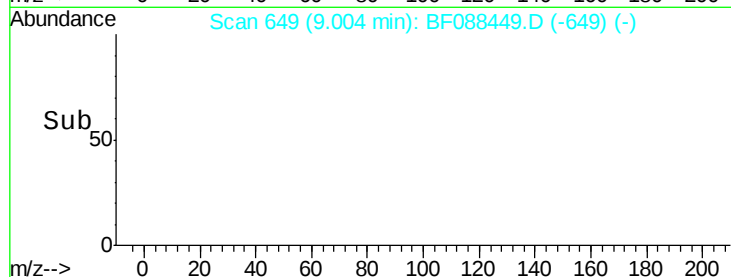
76 10.1 0.0 35.1



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: 23.91 ng

RT: 9.03 min Scan# 651

Delta R.T. -0.30 min

Lab File: BF088449.D

Acq: 27 Jun 2016 11:53

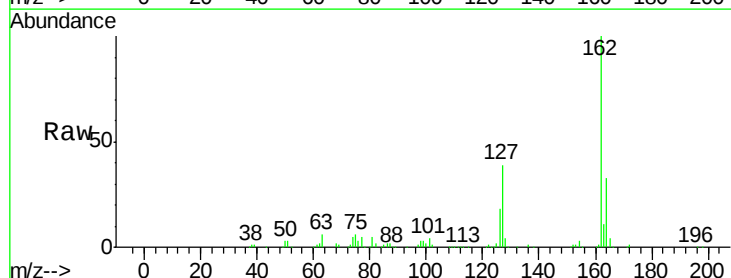
Tgt Ion:162 Resp: 205509

Ion Ratio Lower Upper

162 100

127 38.6 35.2 52.8

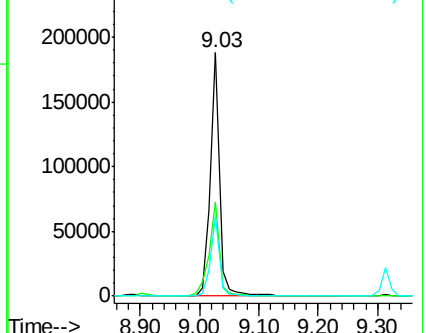
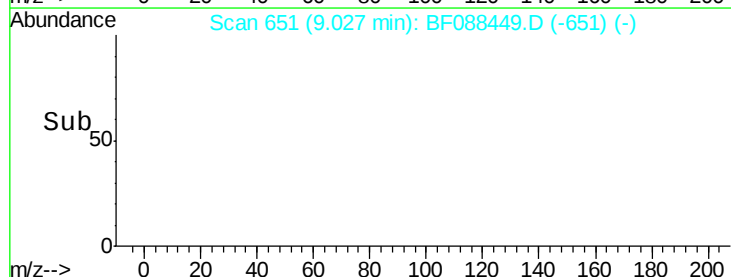
164 32.8 26.6 39.8

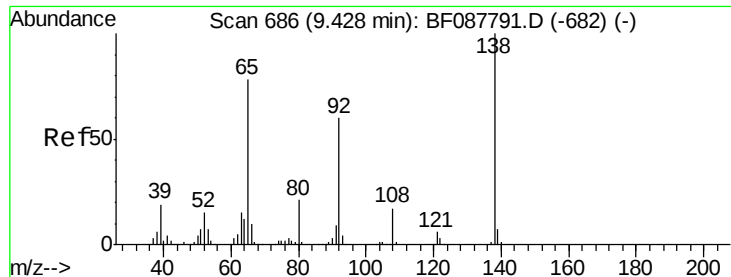


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

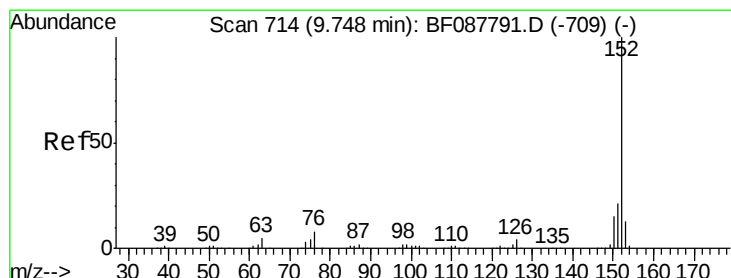
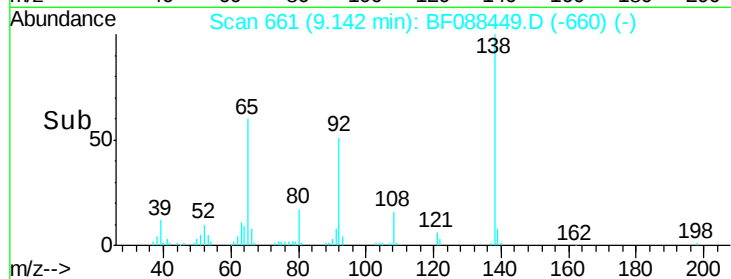
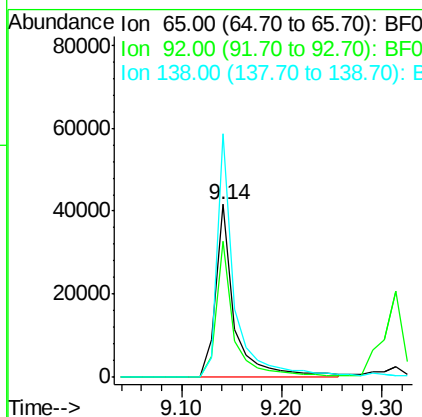
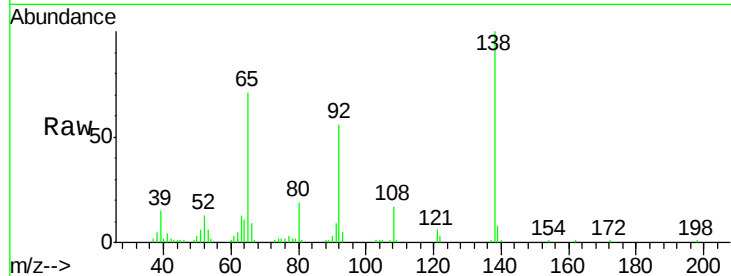




#47
 2-Nitroaniline
 Concen: 21.46 ng
 RT: 9.14 min Scan# 661
 Delta R.T. -0.29 min
 Lab File: BF088449.D
 Acq: 27 Jun 2016 11:53

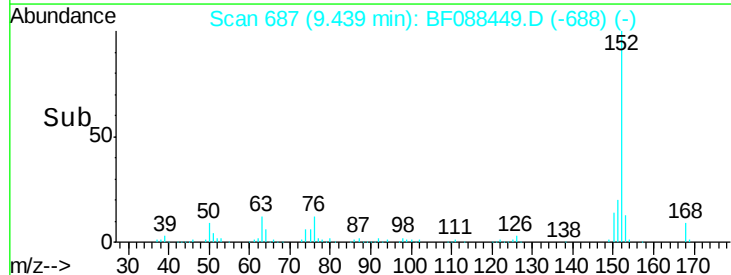
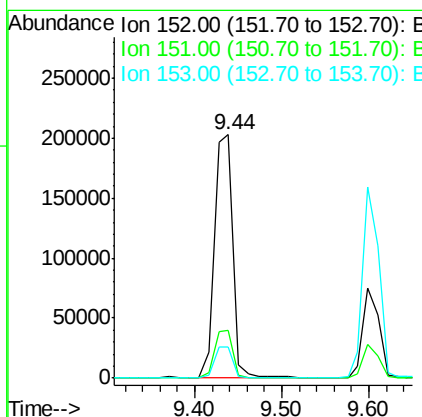
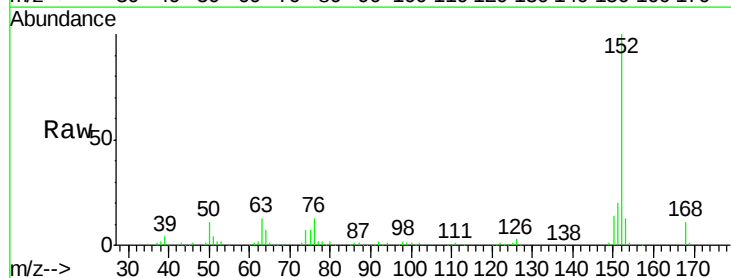
Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-55-062216MS

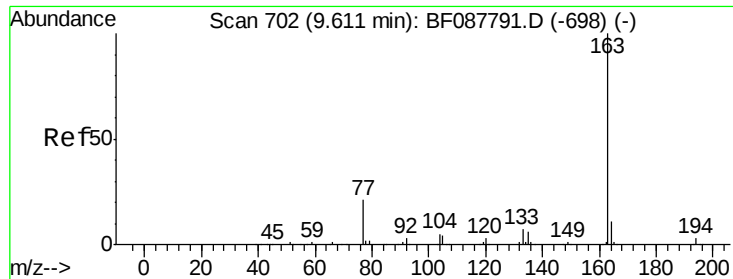
Tot Ion: 65 Resp: 54417
 Ion Ratio Lower Upper
 65 100
 92 78.6 54.6 82.0
 138 141.1 77.0 115.4#



#48
 Acenaphthylene
 Concen: 22.30 ng
 RT: 9.44 min Scan# 687
 Delta R.T. -0.31 min
 Lab File: BF088449.D
 Acq: 27 Jun 2016 11:53

Tgt Ion: 152 Resp: 304954
 Ion Ratio Lower Upper
 152 100
 151 19.7 16.2 24.4
 153 12.7 11.0 16.6

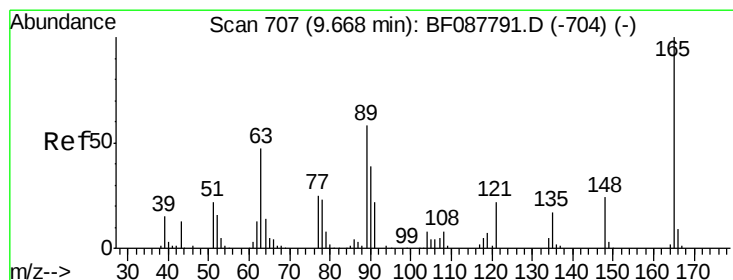
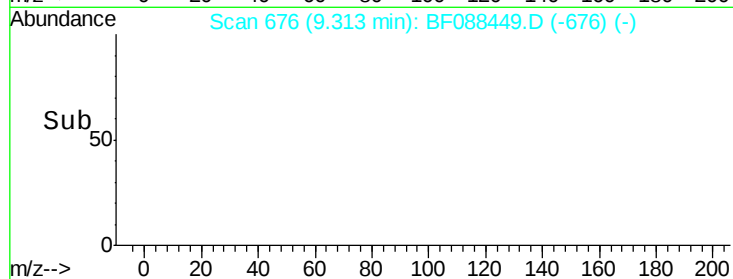
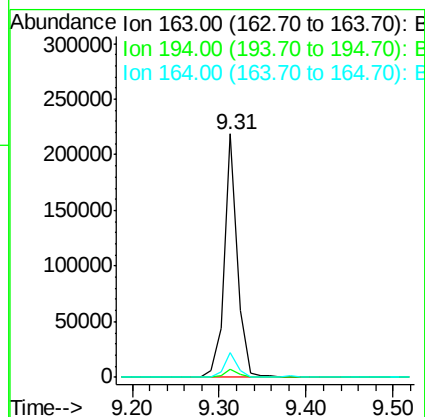
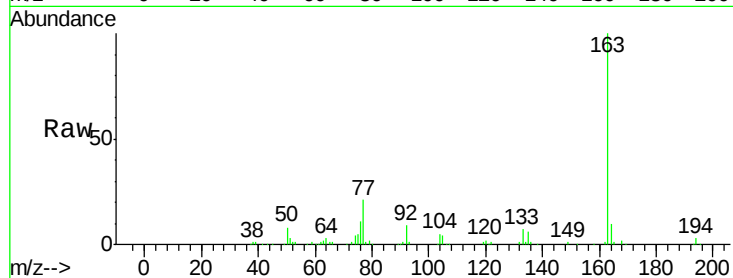




#49
Dimethylphthalate
Concen: 24.08 ng
RT: 9.31 min Scan# 676
Delta R.T. -0.30 min
Lab File: BF088449.D
Acq: 27 Jun 2016 11:53

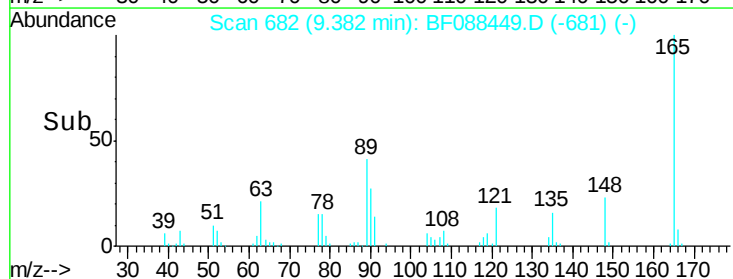
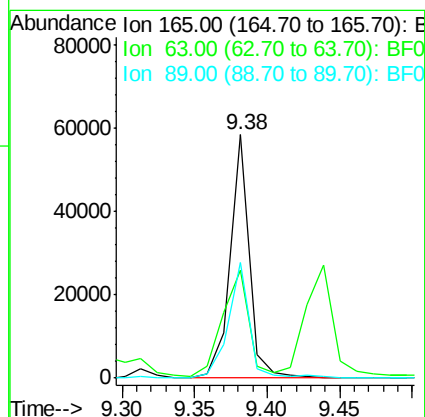
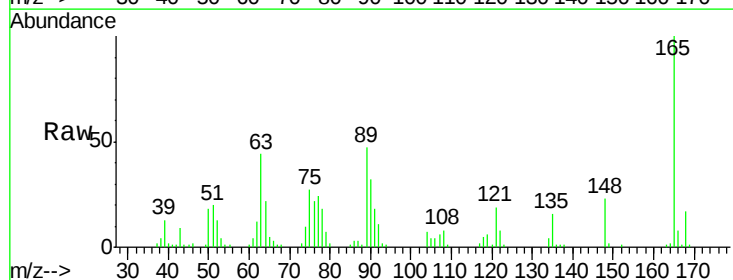
Instrument :
BNA_F
ClientSampleId :
HSR-WC-55-062216MS

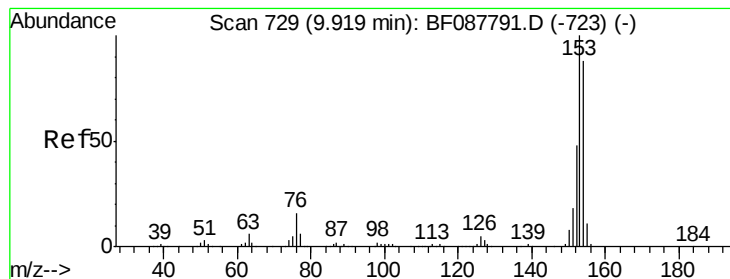
Tot Ion:163 Resp: 231664
Ion Ratio Lower Upper
163 100
194 3.1 2.8 4.2
164 10.2 8.3 12.5



#50
2,6-Dinitrotoluene
Concen: 24.47 ng
RT: 9.38 min Scan# 682
Delta R.T. -0.29 min
Lab File: BF088449.D
Acq: 27 Jun 2016 11:53

Tgt Ion:165 Resp: 53926
Ion Ratio Lower Upper
165 100
63 44.4 28.1 42.1#
89 47.4 32.2 48.2





#51

Acenaphthene

Concen: 21.52 ng

RT: 9.60 min Scan# 701

Delta R.T. -0.32 min

Lab File: BF088449.D

Acq: 27 Jun 2016 11:53

Instrument :

BNA_F

ClientSampleId :

HSR-WC-55-062216MS

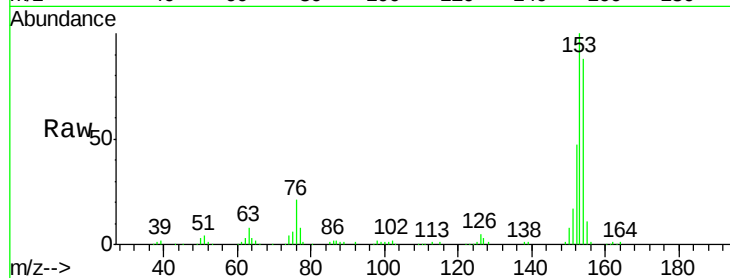
Tot Ion:154 Resp: 183527

Ion Ratio Lower Upper

154 100

153 113.2 89.5 134.3

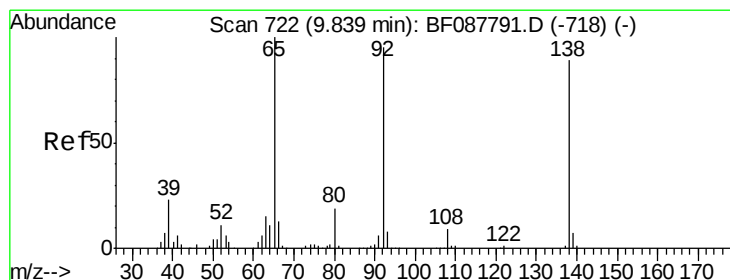
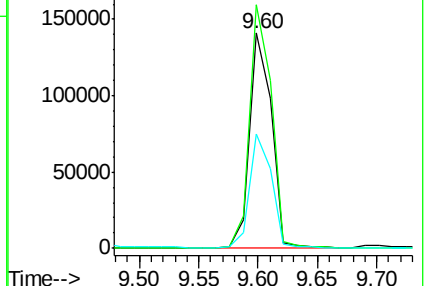
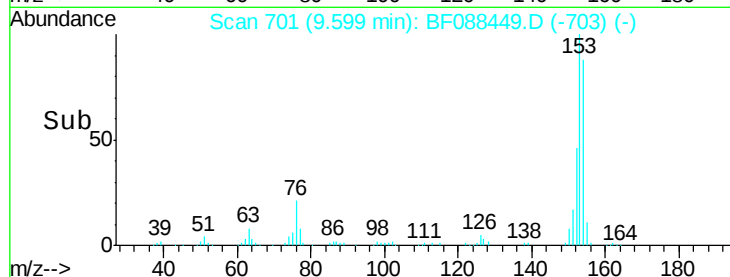
152 53.0 42.7 64.1



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: 7.09 ng

RT: 9.55 min Scan# 697

Delta R.T. -0.29 min

Lab File: BF088449.D

Acq: 27 Jun 2016 11:53

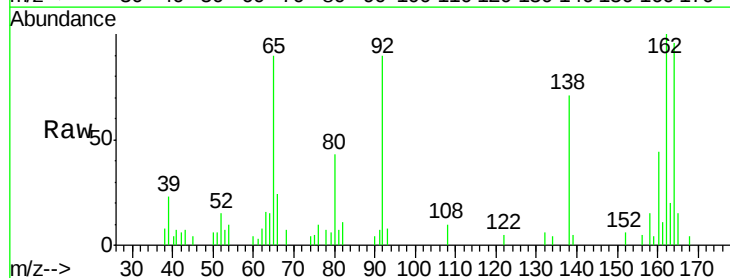
Tgt Ion:138 Resp: 18034

Ion Ratio Lower Upper

138 100

108 14.9 8.5 12.7#

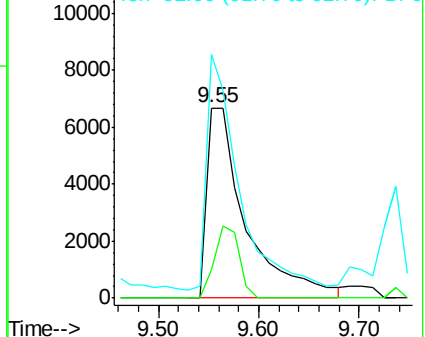
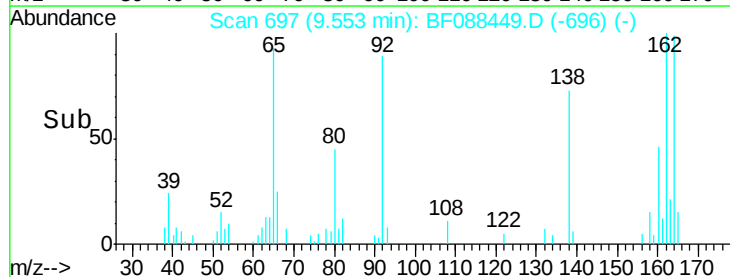
92 127.8 95.7 143.5

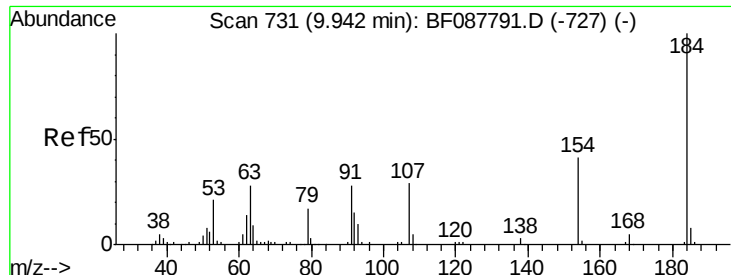


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

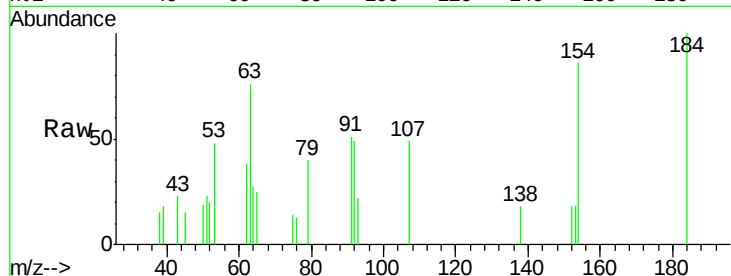




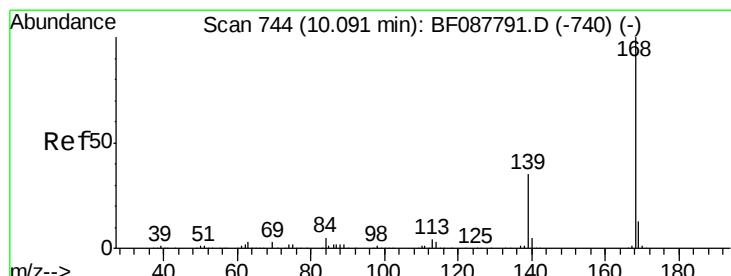
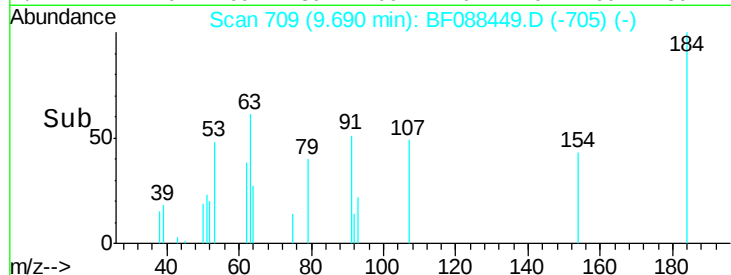
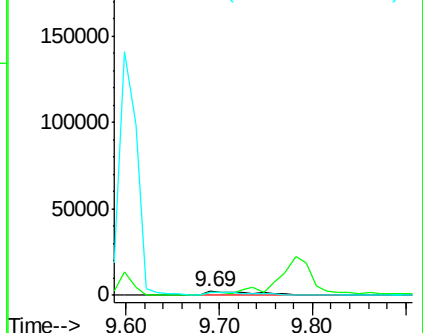
#53
 2,4-Dinitrophenol
 Concen: 12.11 ng
 RT: 9.69 min Scan# 709
 Delta R.T. -0.25 min
 Lab File: BF088449.D
 Acq: 27 Jun 2016 11:53

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

Tot Ion:184 Resp: 9198
 Ion Ratio Lower Upper
 184 100
 63 76.2 57.6 86.4
 154 85.8 53.5 80.3#

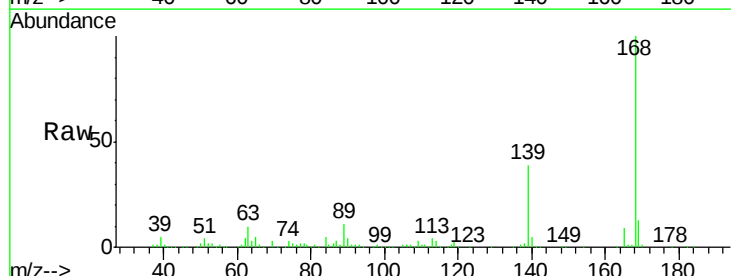


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

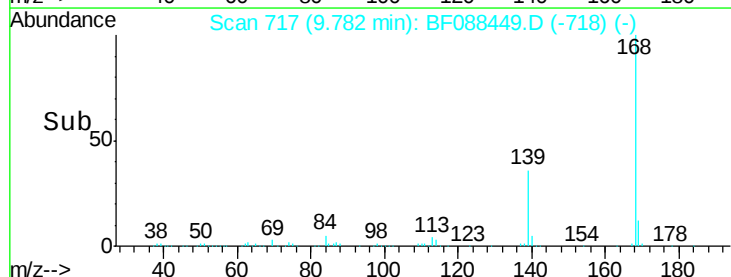
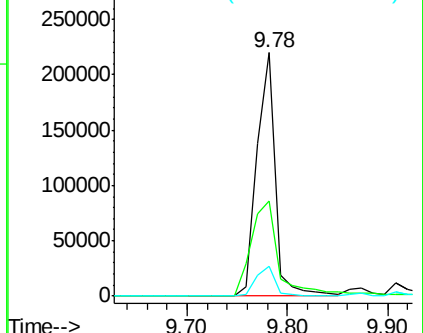


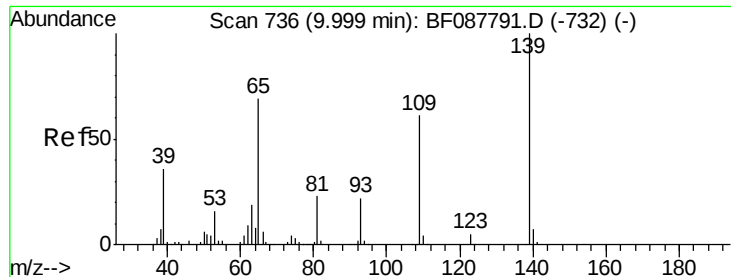
#54
 Dibenzofuran
 Concen: 23.85 ng
 RT: 9.78 min Scan# 717
 Delta R.T. -0.31 min
 Lab File: BF088449.D
 Acq: 27 Jun 2016 11:53

Tgt Ion:168 Resp: 280180
 Ion Ratio Lower Upper
 168 100
 139 39.2 26.4 39.6
 169 12.5 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: 87.37 ng

RT: 9.78 min Scan# 717

Delta R.T. -0.22 min

Lab File: BF088449.D

Acq: 27 Jun 2016 11:53

Instrument :

BNA_F

ClientSampleId :

HSR-WC-55-062216MS

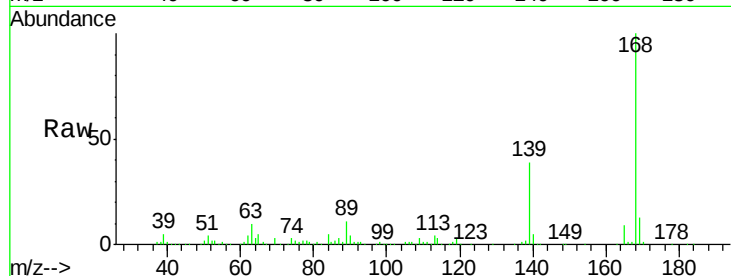
Tot Ion:139 Resp: 172430

Ion Ratio Lower Upper

139 100

109 8.9 48.9 88.9#

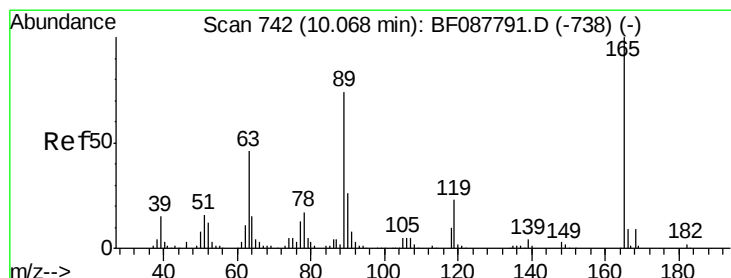
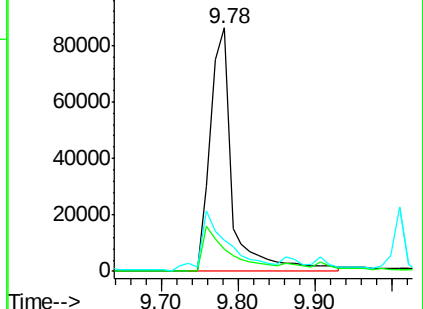
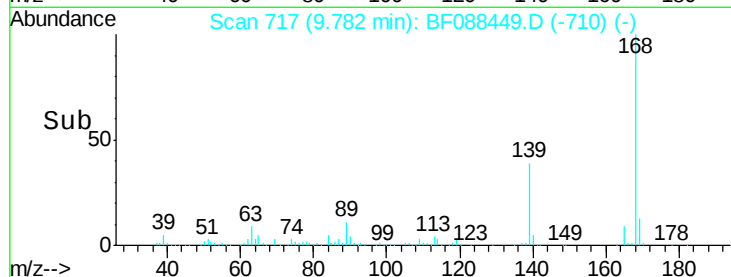
65 12.5 84.9 124.9#



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: 24.10 ng

RT: 9.79 min Scan# 718

Delta R.T. -0.27 min

Lab File: BF088449.D

Acq: 27 Jun 2016 11:53

Tgt Ion:165 Resp: 68258

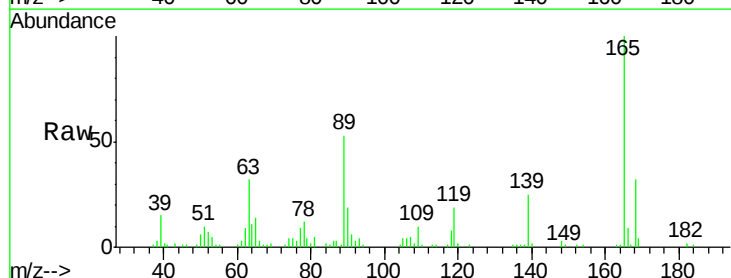
Ion Ratio Lower Upper

165 100

63 31.6 22.0 33.0

89 52.6 41.1 61.7

182 2.4 2.0 3.0

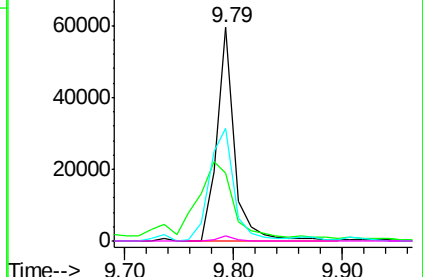
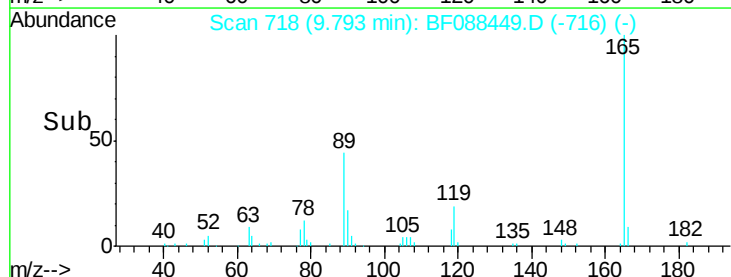


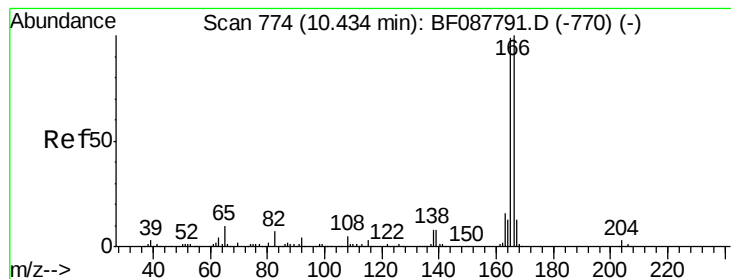
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 25.45 ng

RT: 10.11 min Scan# 746

Delta R.T. -0.32 min

Lab File: BF088449.D

Acq: 27 Jun 2016 11:53

Instrument :

BNA_F

ClientSampleId :

HSR-WC-55-062216MS

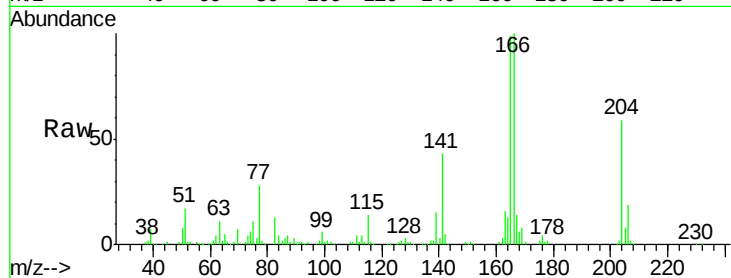
Tot Ion:166 Resp: 218644

Ion Ratio Lower Upper

166 100

165 98.9 77.8 116.8

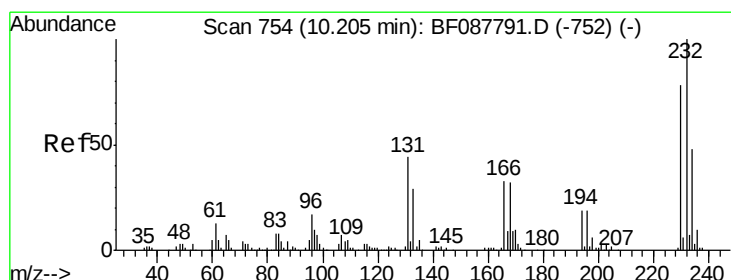
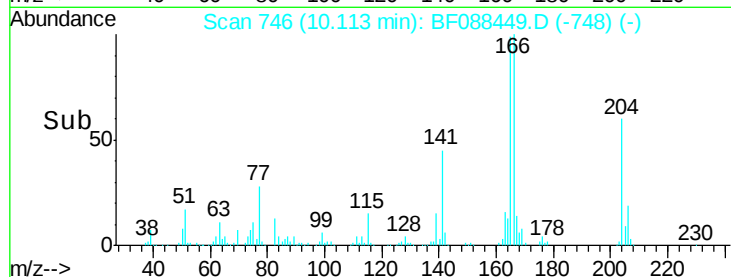
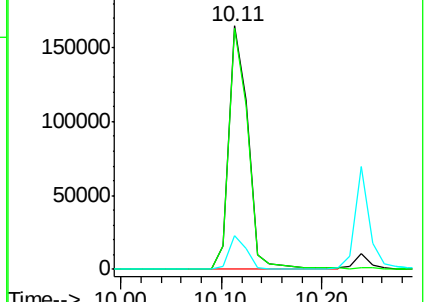
167 13.9 11.2 16.8



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: 16.49 ng

RT: 9.87 min Scan# 725

Delta R.T. -0.33 min

Lab File: BF088449.D

Acq: 27 Jun 2016 11:53

Tgt Ion:232 Resp: 35816

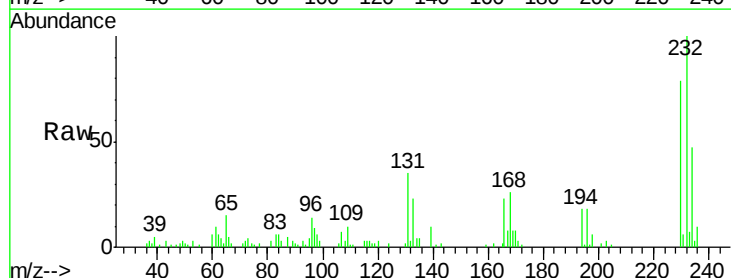
Ion Ratio Lower Upper

232 100

131 48.2 0.9 1.3#

130 2.2 1.5 2.3

166 29.7 0.5 0.7#

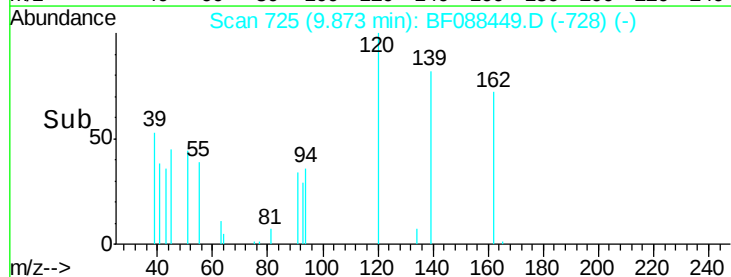
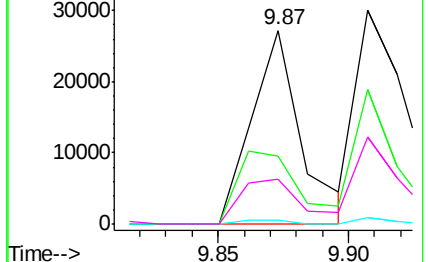


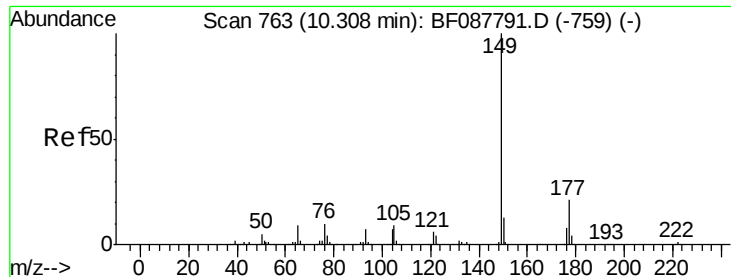
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

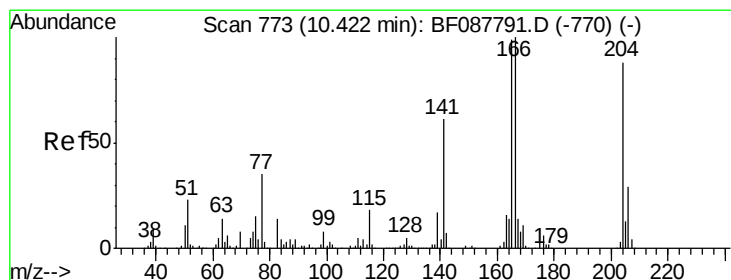
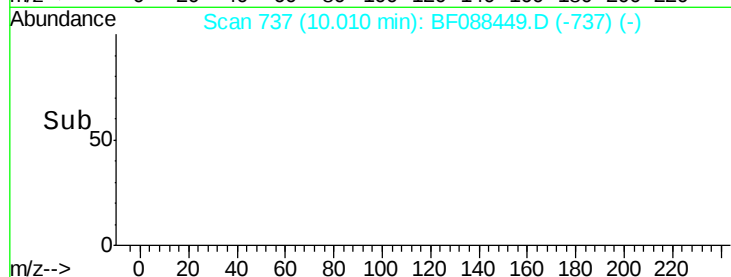
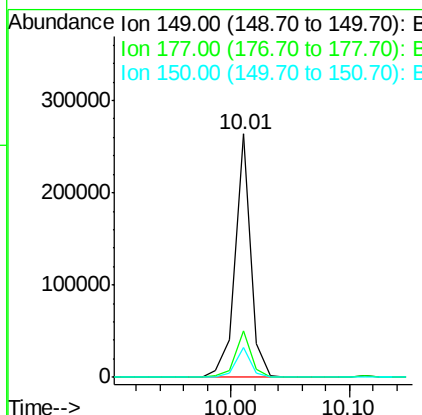
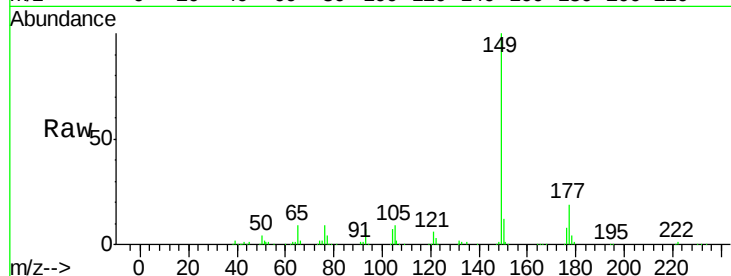




#59
Diethylphthalate
Concen: 24.77 ng
RT: 10.01 min Scan# 737
Delta R.T. -0.30 min
Lab File: BF088449.D
Acq: 27 Jun 2016 11:53

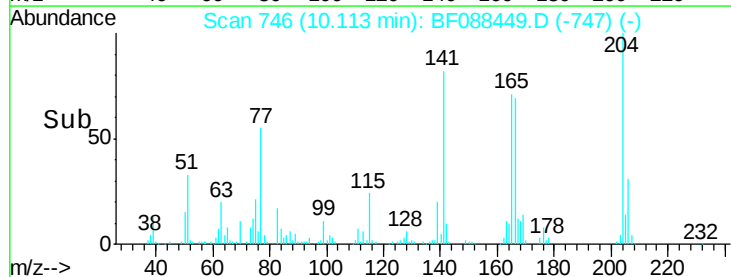
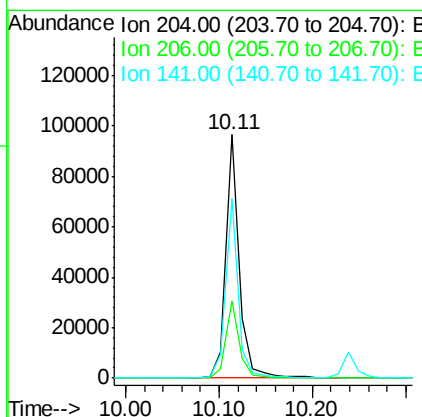
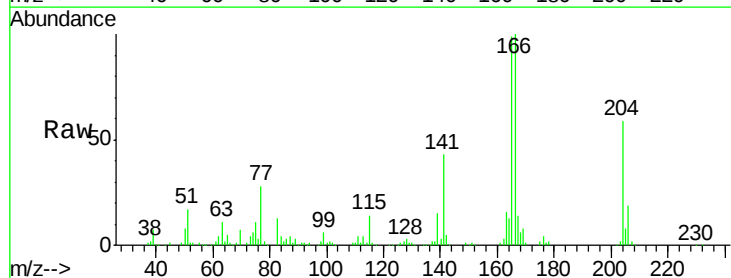
Instrument :
BNA_F
ClientSampleId :
HSR-WC-55-062216MS

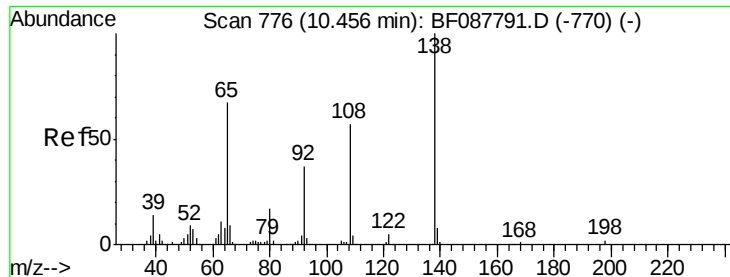
Tot Ion:149 Resp: 241297
Ion Ratio Lower Upper
149 100
177 19.1 16.9 25.3
150 12.4 10.1 15.1



#60
4-Chlorophenyl-phenylether
Concen: 24.54 ng
RT: 10.11 min Scan# 746
Delta R.T. -0.31 min
Lab File: BF088449.D
Acq: 27 Jun 2016 11:53

Tgt Ion:204 Resp: 95860
Ion Ratio Lower Upper
204 100
206 31.8 26.3 39.5
141 74.0 55.0 82.6

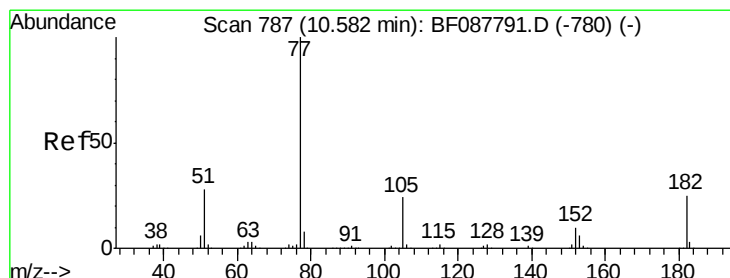
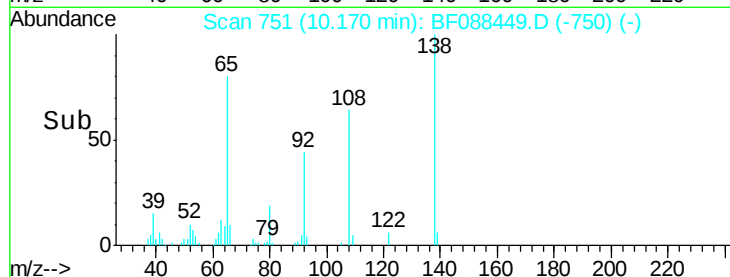
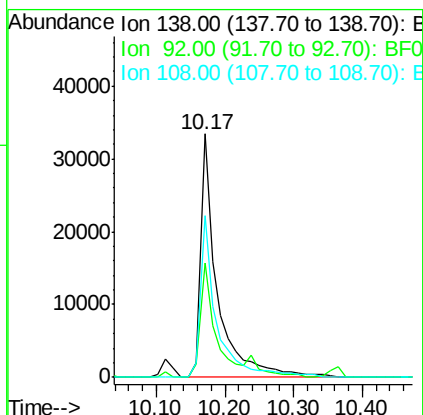
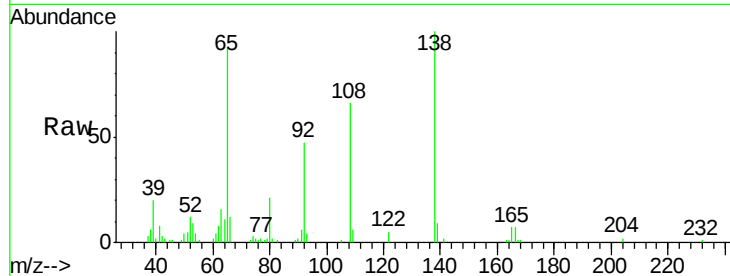




#61
4-Nitroaniline
Concen: 23.02 ng
RT: 10.17 min Scan# 751
Delta R.T. -0.29 min
Lab File: BF088449.D
Acq: 27 Jun 2016 11:53

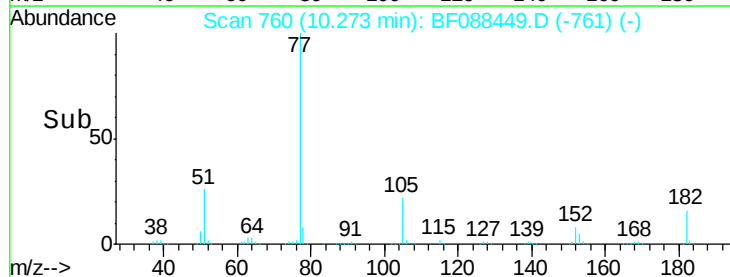
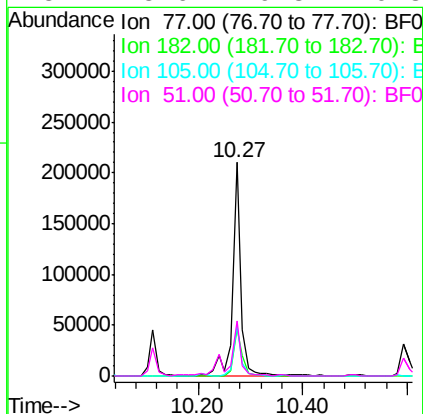
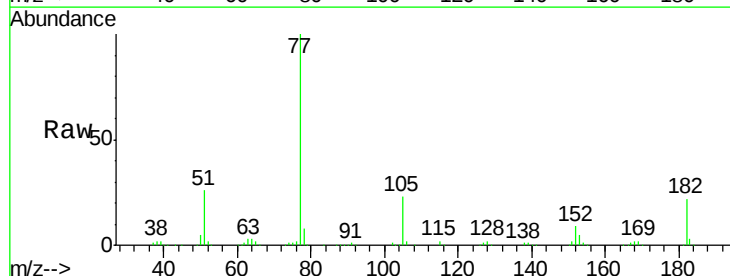
Instrument :
BNA_F
ClientSampleId :
HSR-WC-55-062216MS

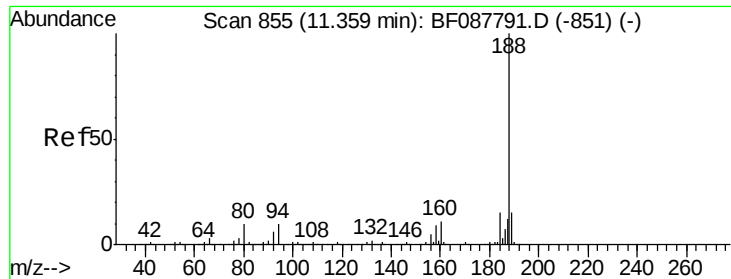
Tot Ion:138 Resp: 55513
Ion Ratio Lower Upper
138 100
92 46.9 27.3 67.3
108 66.5 46.7 86.7



#62
Azobenzene
Concen: 24.34 ng
RT: 10.27 min Scan# 760
Delta R.T. -0.31 min
Lab File: BF088449.D
Acq: 27 Jun 2016 11:53

Tgt Ion: 77 Resp: 234388
Ion Ratio Lower Upper
77 100
182 22.5 4.4 44.4
105 23.4 3.8 43.8
51 25.6 9.3 49.3





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.05 min Scan# 828

Delta R.T. -0.31 min

Lab File: BF088449.D

Acq: 27 Jun 2016 11:53

Instrument :

BNA_F

ClientSampleId :

HSR-WC-55-062216MS

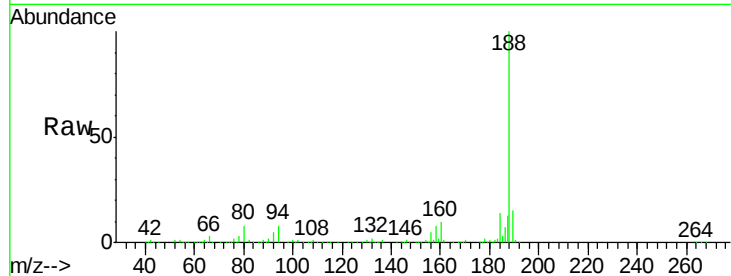
Tot Ion:188 Resp: 256368

Ion Ratio Lower Upper

188 100

94 8.4 9.0 13.6#

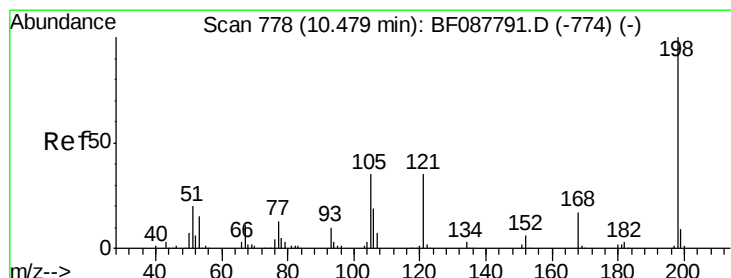
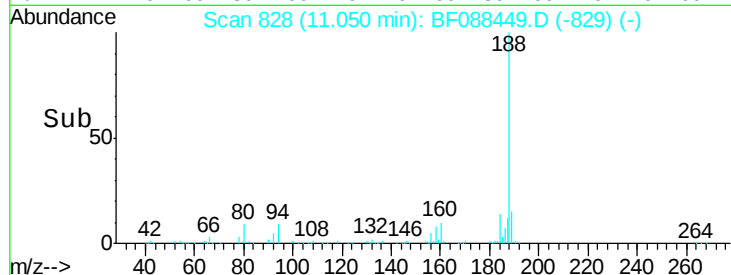
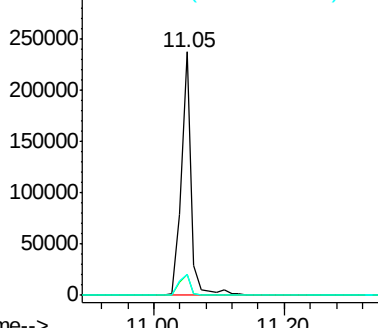
80 8.4 10.0 15.0#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 6.79 ng

RT: 10.20 min Scan# 754

Delta R.T. -0.27 min

Lab File: BF088449.D

Acq: 27 Jun 2016 11:53

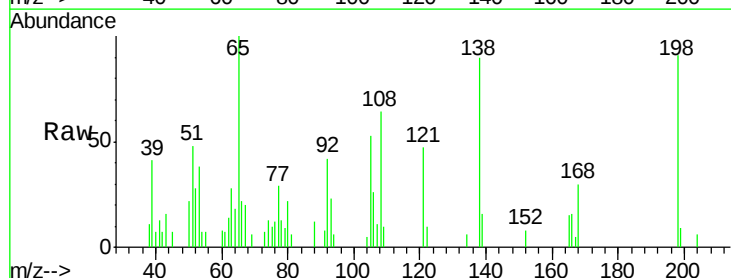
Tgt Ion:198 Resp: 7756

Ion Ratio Lower Upper

198 100

51 52.8 39.6 79.6

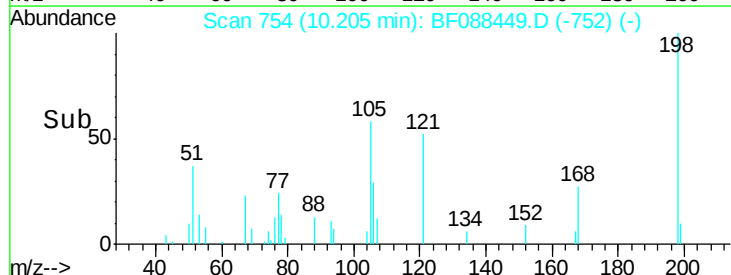
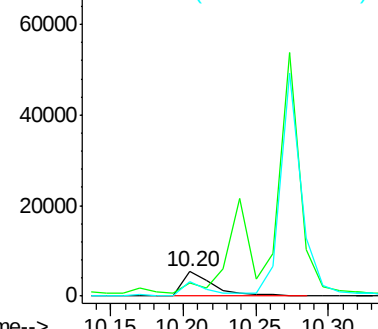
105 58.0 36.6 76.6

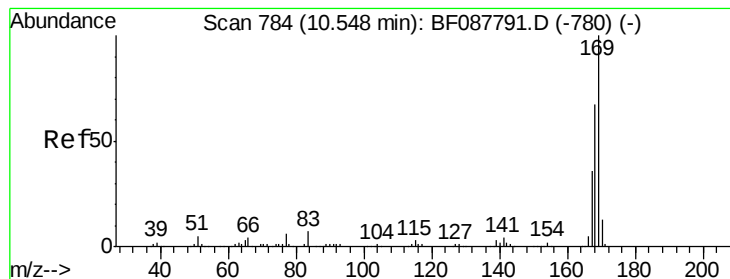


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 23.24 ng

RT: 10.24 min Scan# 757

Delta R.T. -0.31 min

Lab File: BF088449.D

Acq: 27 Jun 2016 11:53

Instrument :

BNA_F

ClientSampleId :

HSR-WC-55-062216MS

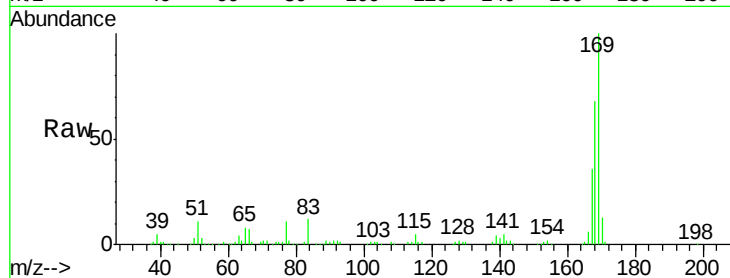
Tot Ion:169 Resp: 197670

Ion Ratio Lower Upper

169 100

168 68.0 53.4 80.0

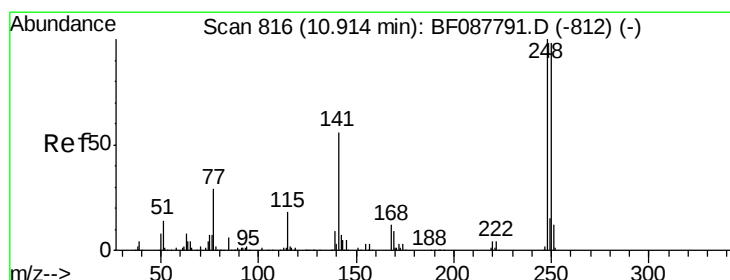
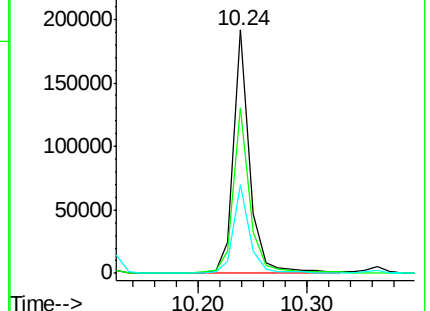
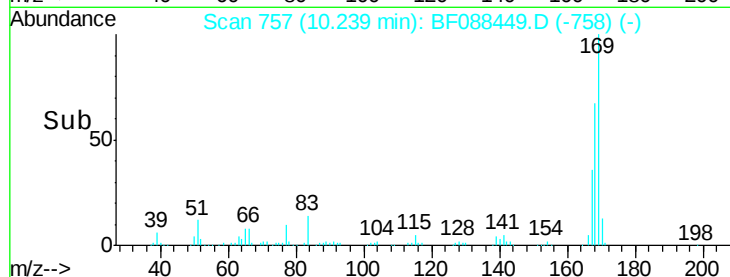
167 36.4 29.4 44.0



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 21.32 ng

RT: 10.60 min Scan# 789

Delta R.T. -0.31 min

Lab File: BF088449.D

Acq: 27 Jun 2016 11:53

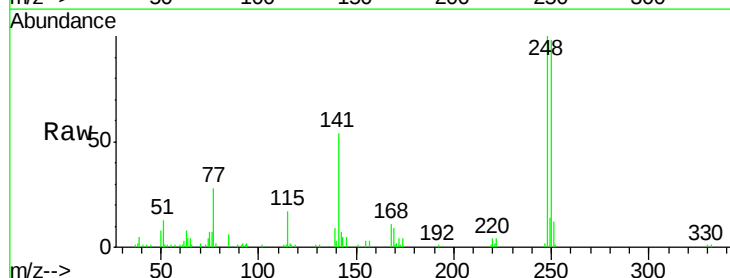
Tgt Ion:248 Resp: 58628

Ion Ratio Lower Upper

248 100

250 98.5 77.1 115.7

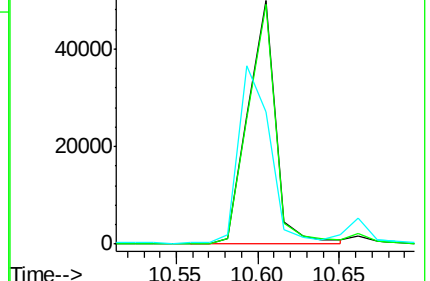
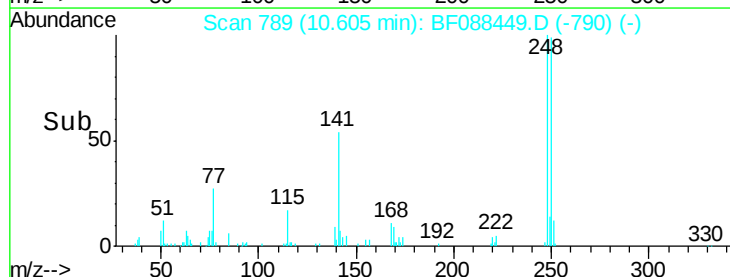
141 54.5 50.6 76.0

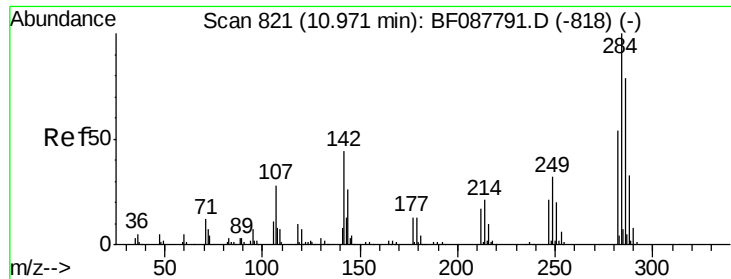


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 22.70 ng

RT: 10.66 min Scan# 794

Delta R.T. -0.31 min

Lab File: BF088449.D

Acq: 27 Jun 2016 11:53

Instrument :

BNA_F

ClientSampleId :

HSR-WC-55-062216MS

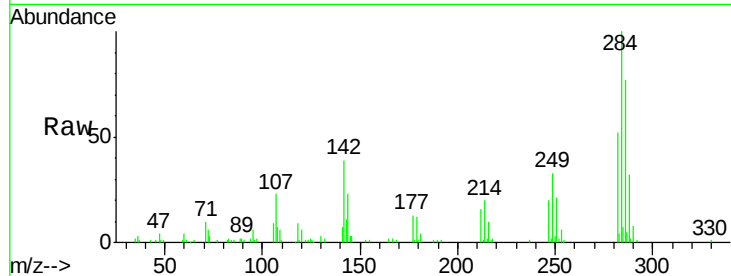
Tot Ion:284 Resp: 64869

Ion Ratio Lower Upper

284 100

142 38.8 35.8 53.8

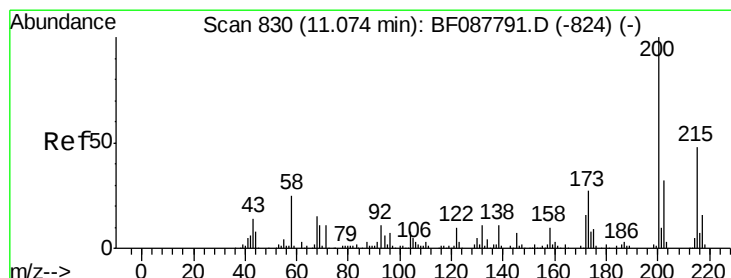
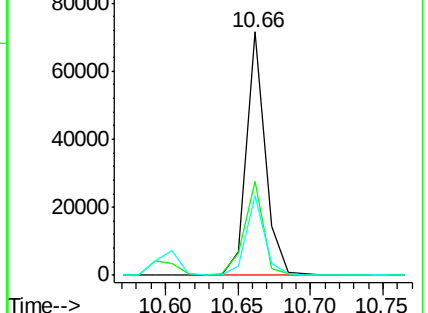
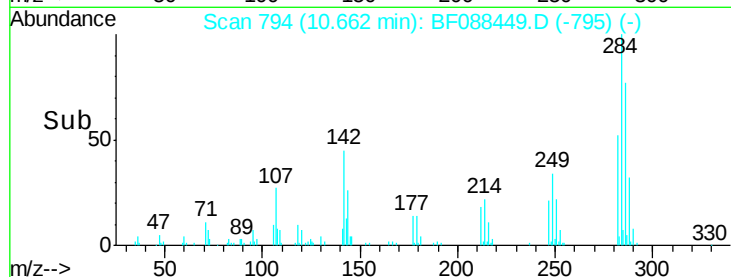
249 32.5 25.8 38.6



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 19.55 ng

RT: 10.78 min Scan# 804

Delta R.T. -0.30 min

Lab File: BF088449.D

Acq: 27 Jun 2016 11:53

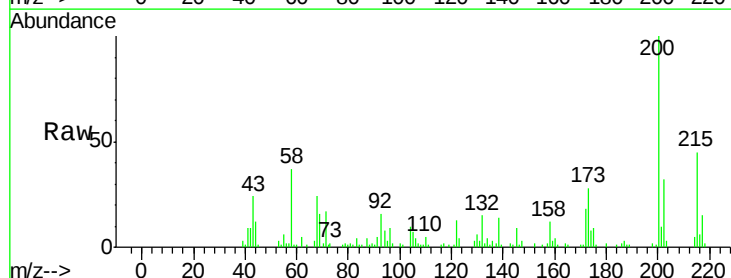
Tgt Ion:200 Resp: 50353

Ion Ratio Lower Upper

200 100

173 28.4 4.0 44.0

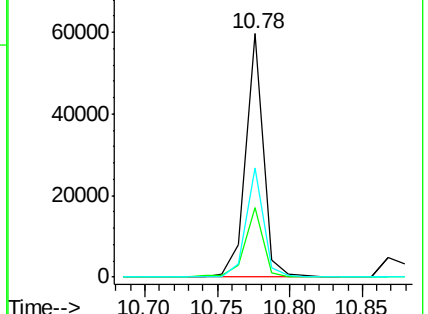
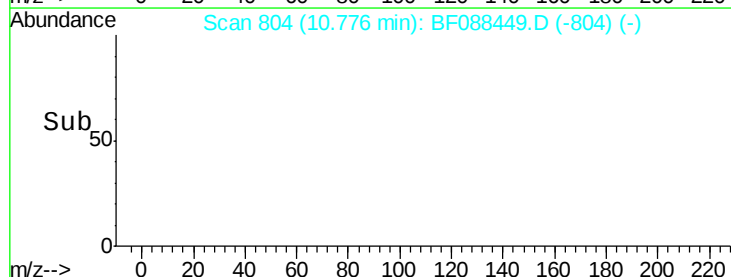
215 45.0 29.3 69.3

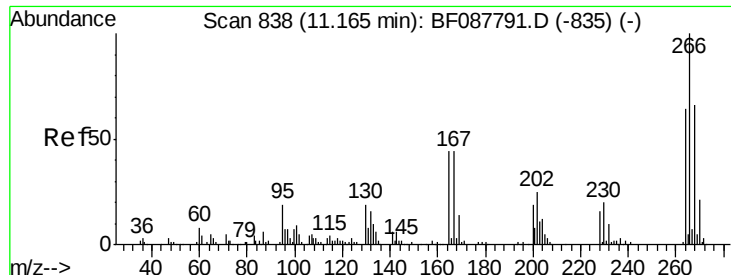


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

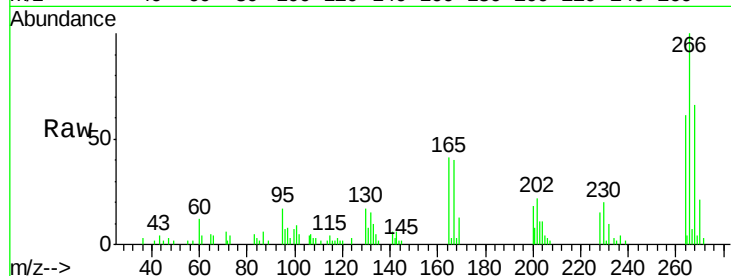




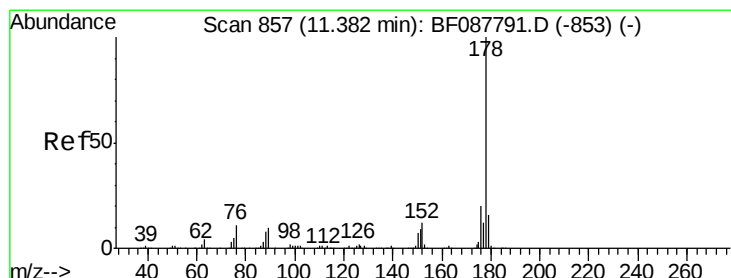
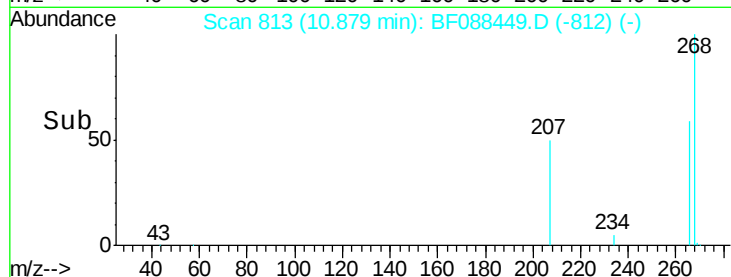
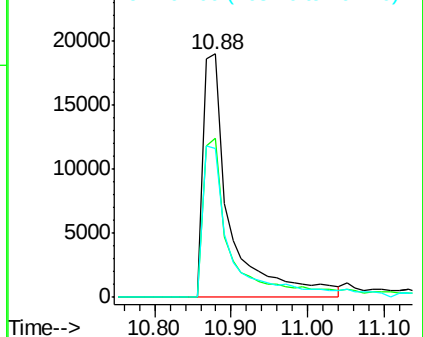
#69
 Pentachlorophenol
 Concen: 30.55 ng
 RT: 10.88 min Scan# 813
 Delta R.T. -0.29 min
 Lab File: BF088449.D
 Acq: 27 Jun 2016 11:53

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

Tot Ion:266 Resp: 46013
 Ion Ratio Lower Upper
 266 100
 268 65.6 52.8 79.2
 264 60.9 49.6 74.4

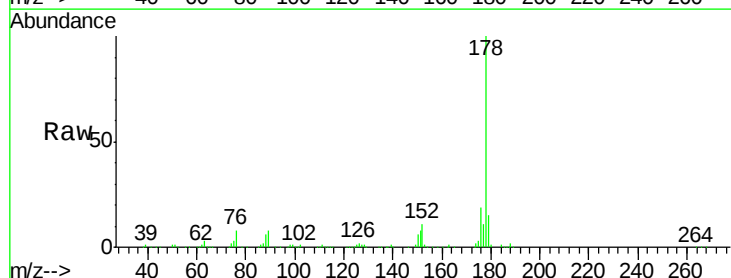


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

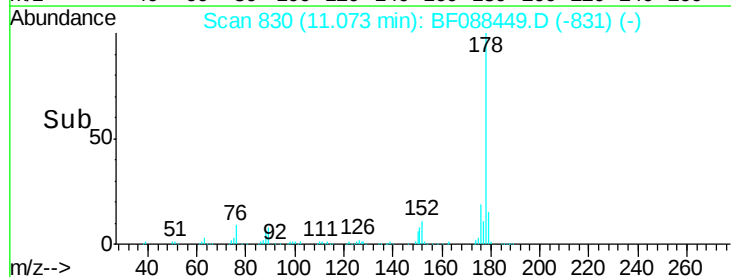
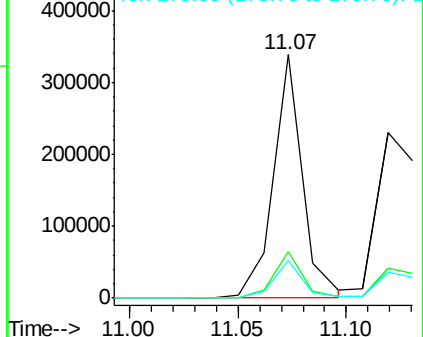


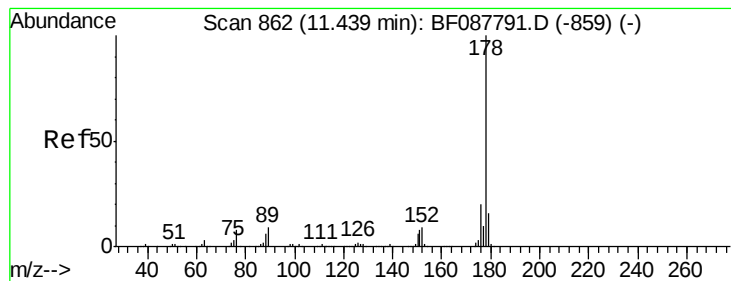
#70
 Phenanthrene
 Concen: 23.66 ng
 RT: 11.07 min Scan# 830
 Delta R.T. -0.31 min
 Lab File: BF088449.D
 Acq: 27 Jun 2016 11:53

Tgt Ion:178 Resp: 318305
 Ion Ratio Lower Upper
 178 100
 176 19.3 15.8 23.6
 179 15.3 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: 25.37 ng

RT: 11.12 min Scan# 834

Delta R.T. -0.32 min

Lab File: BF088449.D

Acq: 27 Jun 2016 11:53

Instrument :

BNA_F

ClientSampleId :

HSR-WC-55-062216MS

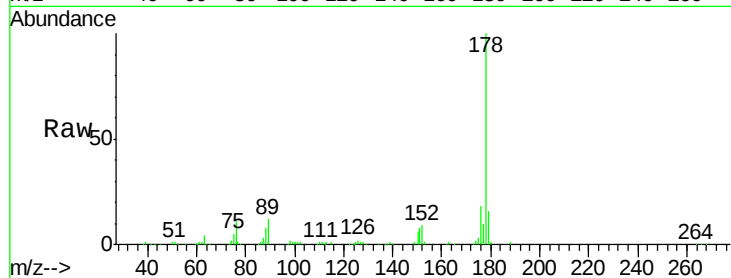
Tot Ion:178 Resp: 344296

Ion Ratio Lower Upper

178 100

176 18.3 15.6 23.4

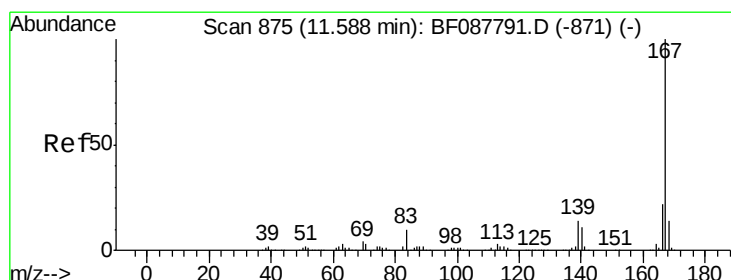
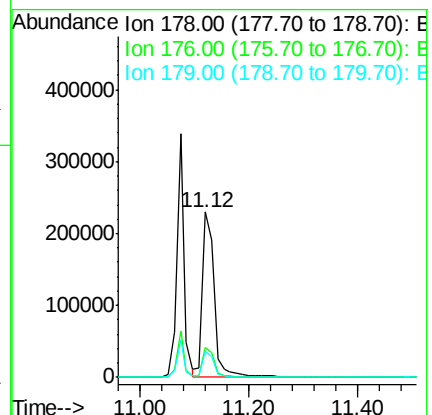
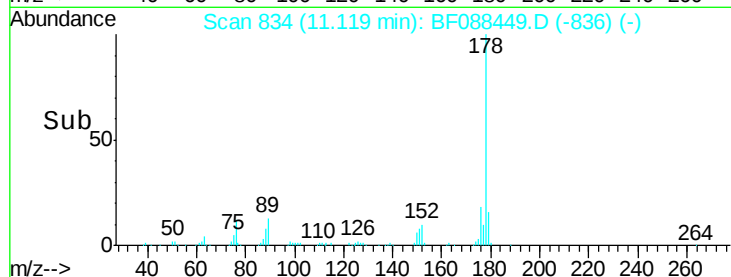
179 15.7 12.8 19.2



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: 25.91 ng

RT: 11.29 min Scan# 849

Delta R.T. -0.30 min

Lab File: BF088449.D

Acq: 27 Jun 2016 11:53

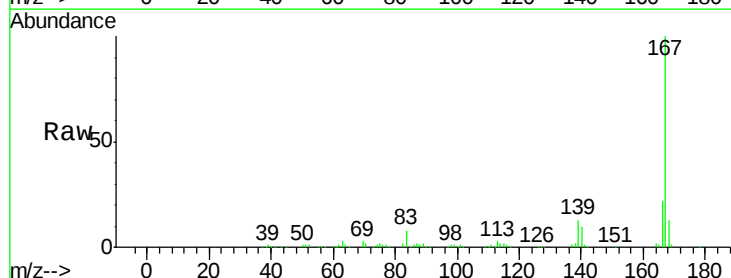
Tgt Ion:167 Resp: 329004

Ion Ratio Lower Upper

167 100

166 21.5 17.8 26.6

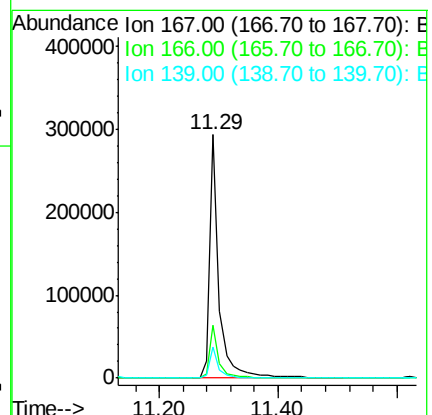
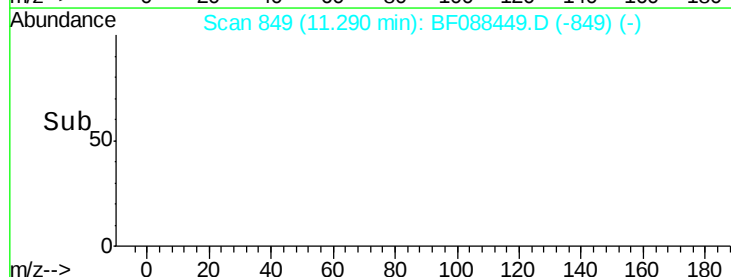
139 13.0 11.2 16.8

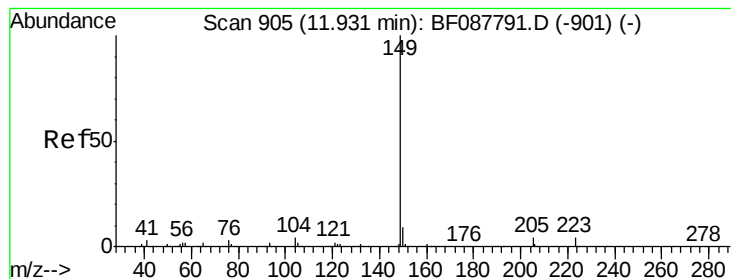


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 22.75 ng

RT: 11.62 min Scan# 878

Delta R.T. -0.31 min

Lab File: BF088449.D

Acq: 27 Jun 2016 11:53

Instrument :

BNA_F

ClientSampleId :

HSR-WC-55-062216MS

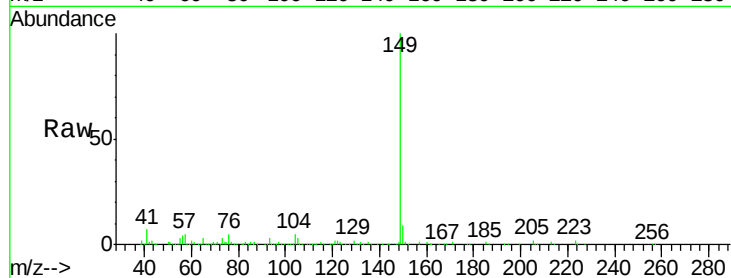
Tot Ion:149 Resp: 365742

Ion Ratio Lower Upper

149 100

150 9.3 7.8 11.6

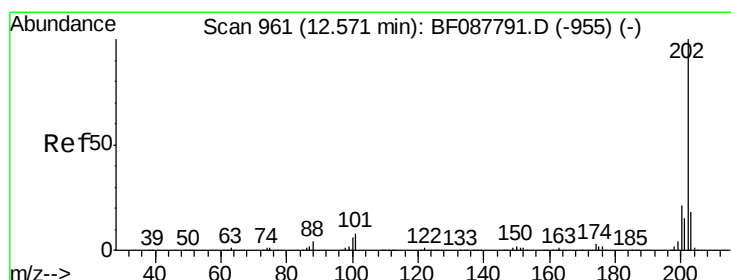
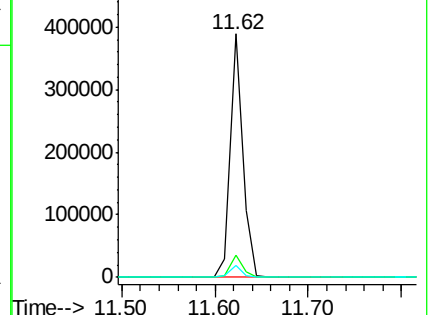
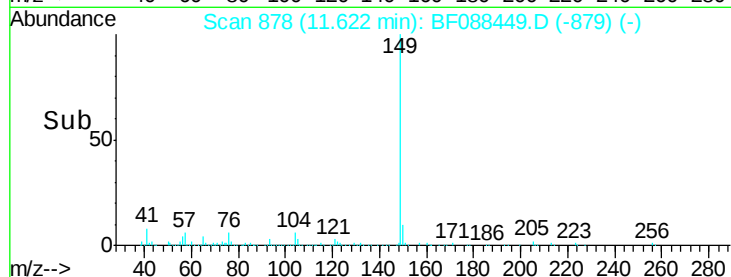
104 4.9 4.0 6.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 23.60 ng

RT: 12.25 min Scan# 933

Delta R.T. -0.32 min

Lab File: BF088449.D

Acq: 27 Jun 2016 11:53

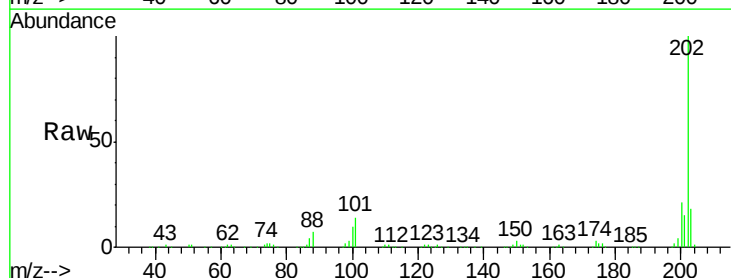
Tgt Ion:202 Resp: 334990

Ion Ratio Lower Upper

202 100

101 13.8 0.0 33.1

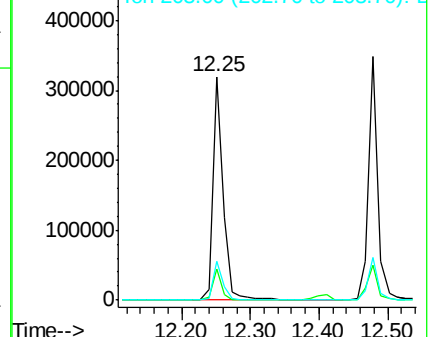
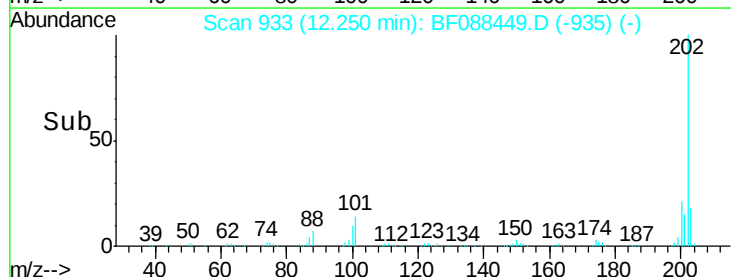
203 17.6 0.0 38.1

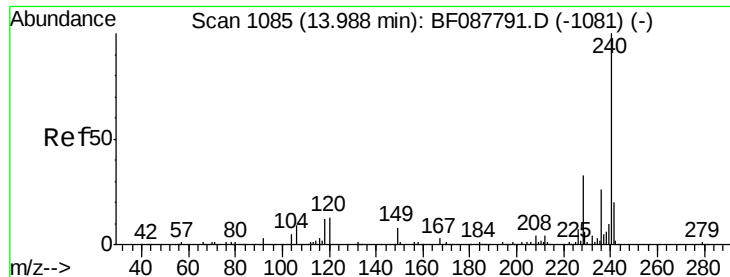


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.68 min Scan# 1058

Delta R.T. -0.31 min

Lab File: BF088449.D

Acq: 27 Jun 2016 11:53

Instrument :

BNA_F

ClientSampleId :

HSR-WC-55-062216MS

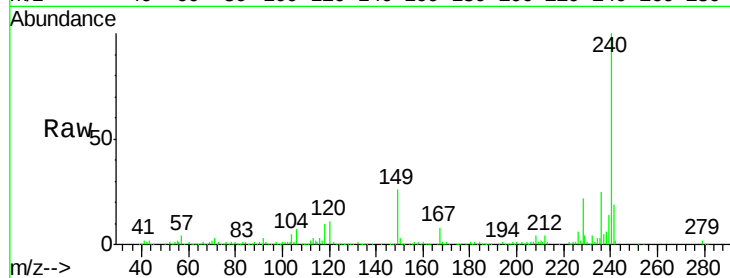
Tot Ion:240 Resp: 201348

Ion Ratio Lower Upper

240 100

120 11.0 6.8 10.2#

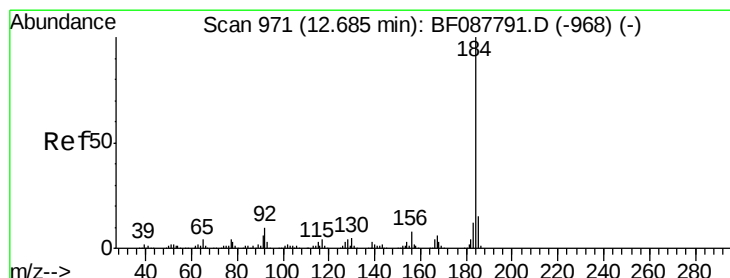
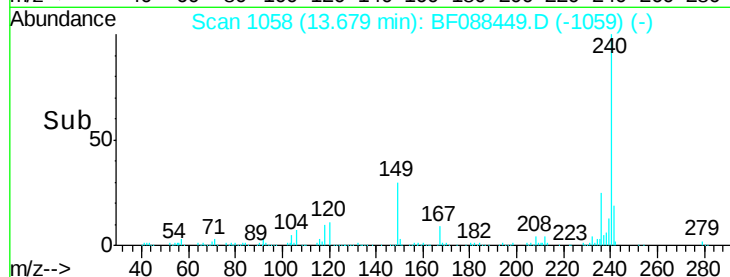
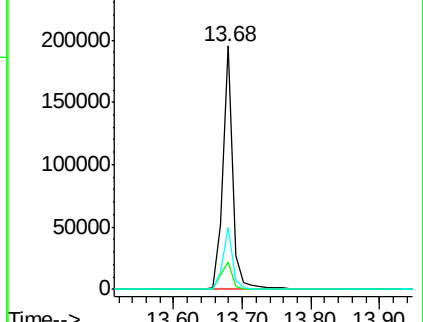
236 25.4 20.2 30.2



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: 3.26 ng

RT: 12.40 min Scan# 946

Delta R.T. -0.29 min

Lab File: BF088449.D

Acq: 27 Jun 2016 11:53

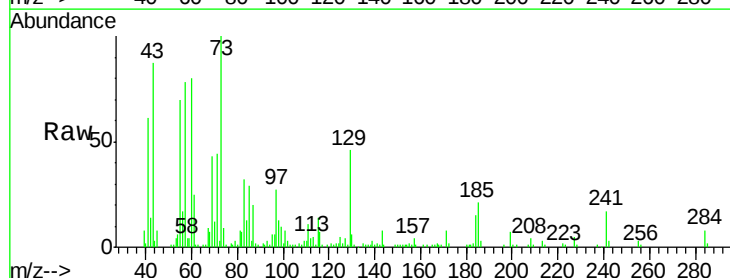
Tgt Ion:184 Resp: 18177

Ion Ratio Lower Upper

184 100

185 142.3 12.5 18.7#

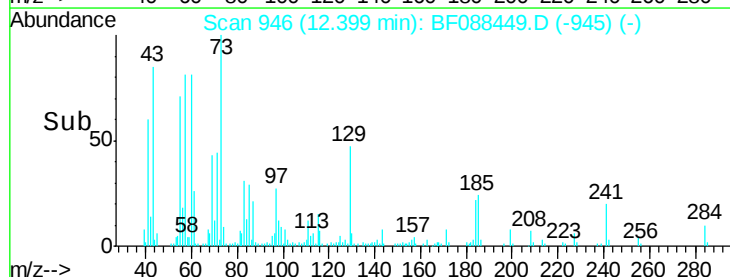
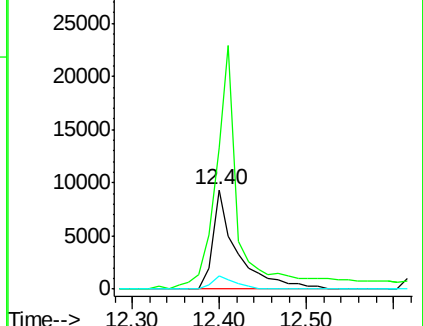
183 13.9 9.3 13.9

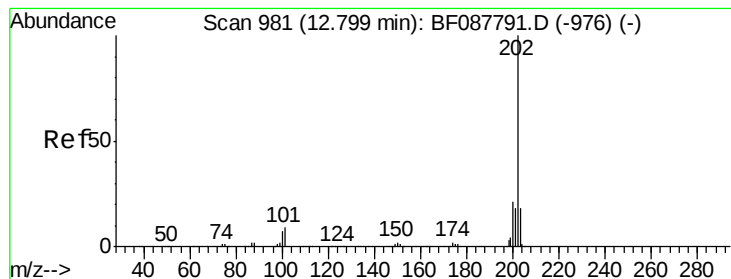


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 22.05 ng

RT: 12.48 min Scan# 953

Delta R.T. -0.32 min

Lab File: BF088449.D

Acq: 27 Jun 2016 11:53

Instrument :

BNA_F

ClientSampleId :

HSR-WC-55-062216MS

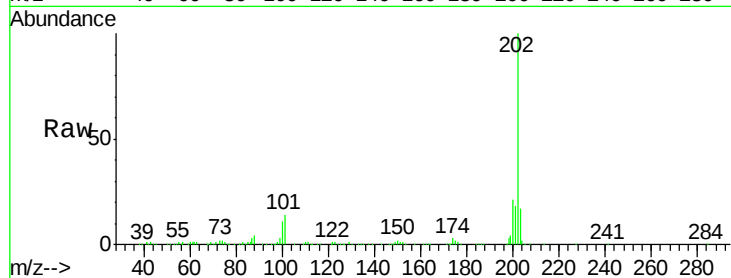
Tot Ion:202 Resp: 329489

Ion Ratio Lower Upper

202 100

200 21.2 17.4 26.2

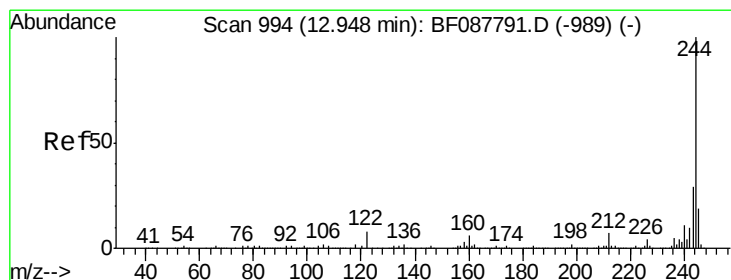
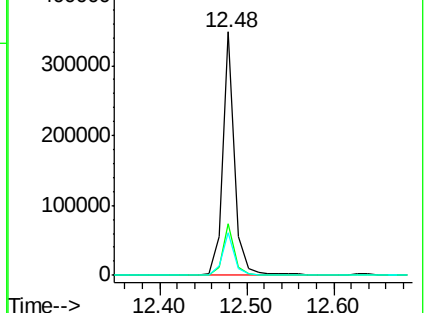
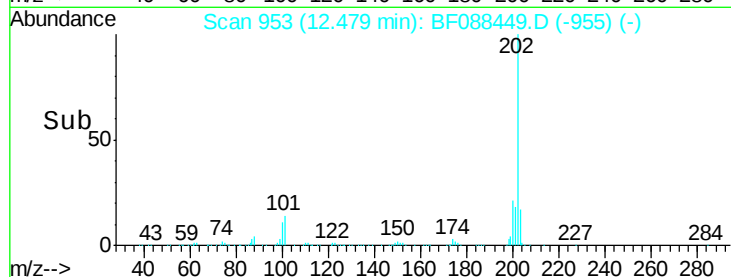
203 17.3 14.5 21.7



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: 86.86 ng

RT: 12.64 min Scan# 967

Delta R.T. -0.31 min

Lab File: BF088449.D

Acq: 27 Jun 2016 11:53

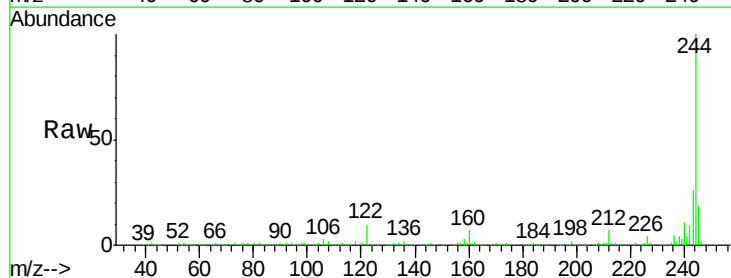
Tgt Ion:244 Resp: 768575

Ion Ratio Lower Upper

244 100

212 7.3 6.0 9.0

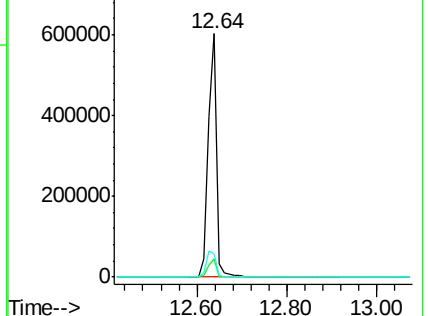
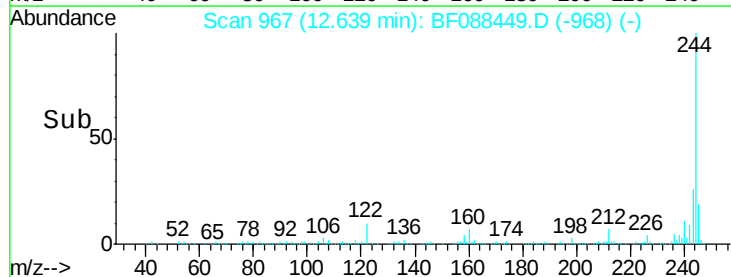
122 9.7 11.2 16.8#

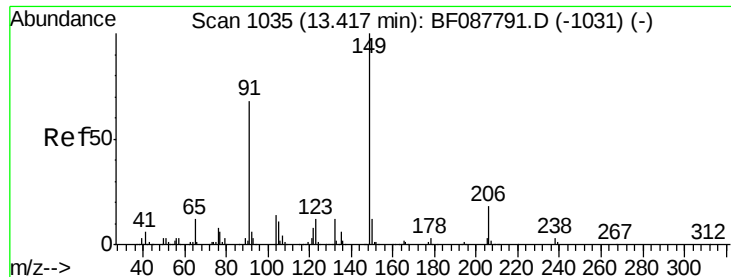


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

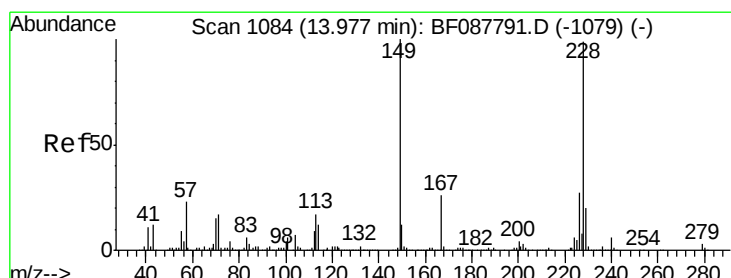
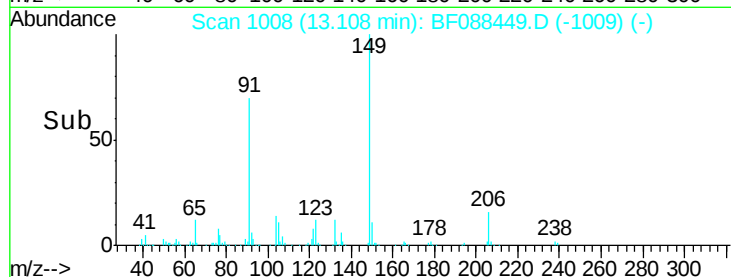
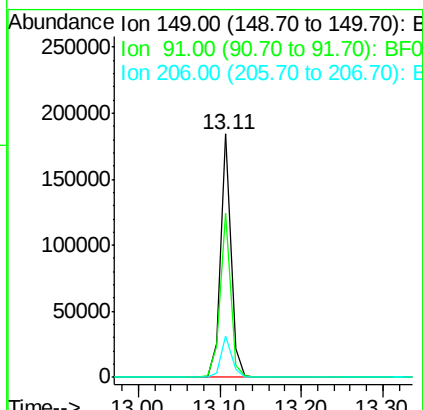
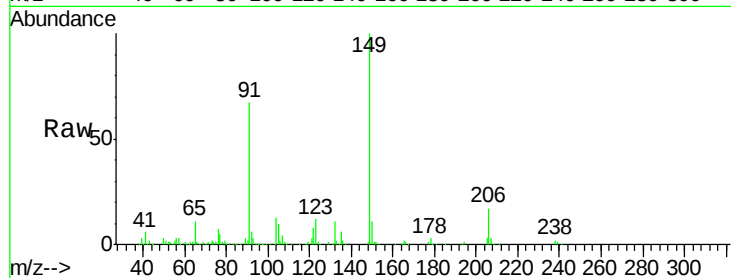




#79
Butylbenzylphthalate
Concen: 24.59 ng
RT: 13.11 min Scan# 1008
Delta R.T. -0.31 min
Lab File: BF088449.D
Acq: 27 Jun 2016 11:53

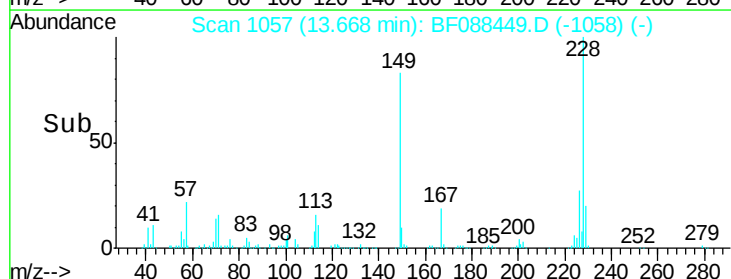
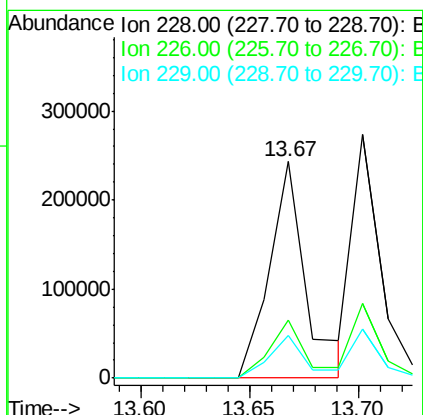
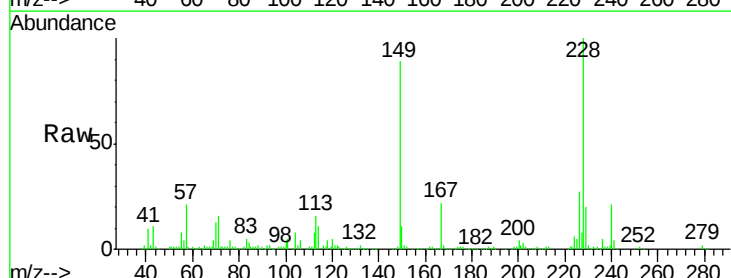
Instrument :
BNA_F
ClientSampleId :
HSR-WC-55-062216MS

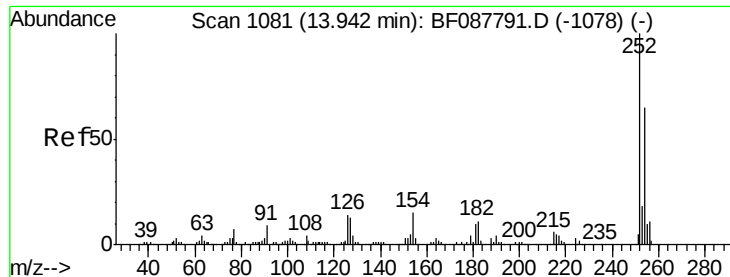
Tot Ion	Ratio	Lower	Upper
149	100		
91	67.2	48.0	72.0
206	17.0	16.0	24.0



#80
Benzo(a)anthracene
Concen: 24.98 ng
RT: 13.67 min Scan# 1057
Delta R.T. -0.31 min
Lab File: BF088449.D
Acq: 27 Jun 2016 11:53

Tgt Ion	Ratio	Lower	Upper
228	100		
226	26.9	22.3	33.5
229	19.8	16.0	24.0





#81

3,3'-Dichlorobenzidine

Concen: 10.43 ng

RT: 13.63 min Scan# 1054

Delta R.T. -0.31 min

Lab File: BF088449.D

Acq: 27 Jun 2016 11:53

Instrument :

BNA_F

ClientSampleId :

HSR-WC-55-062216MS

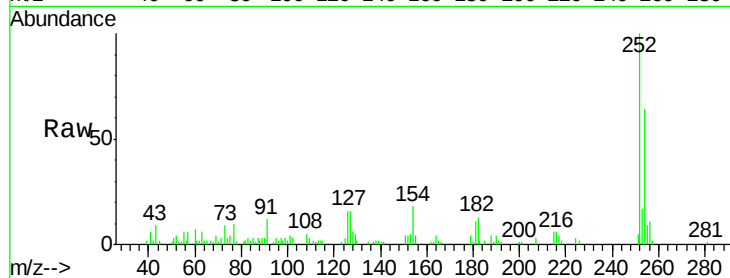
Tot Ion:252 Resp: 32174

Ion Ratio Lower Upper

252 100

254 63.9 52.6 78.8

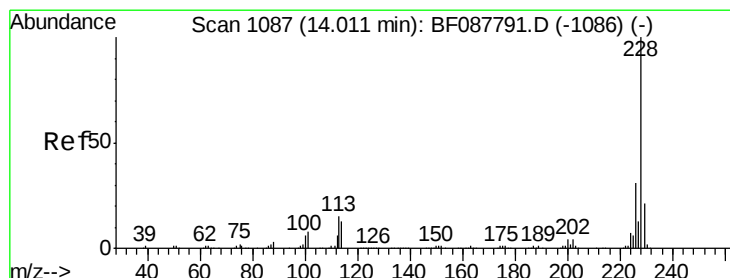
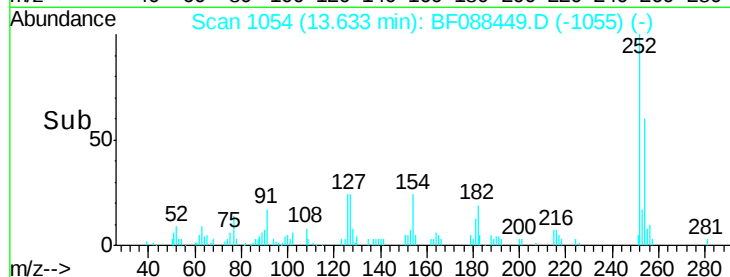
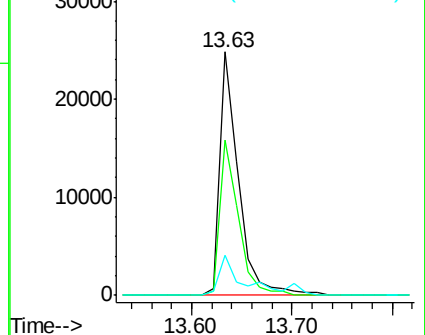
126 16.4 6.2 9.2#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



#82

Chrysene

Concen: 24.28 ng

RT: 13.70 min Scan# 1060

Delta R.T. -0.31 min

Lab File: BF088449.D

Acq: 27 Jun 2016 11:53

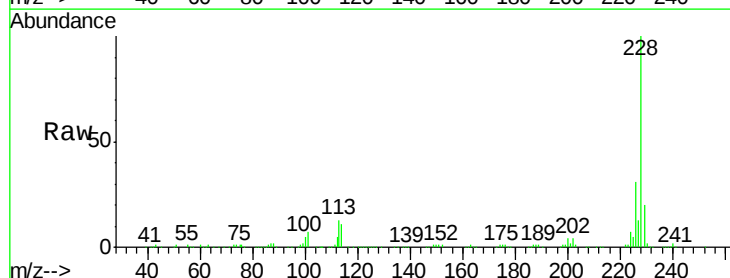
Tgt Ion:228 Resp: 262138

Ion Ratio Lower Upper

228 100

226 30.6 25.4 38.2

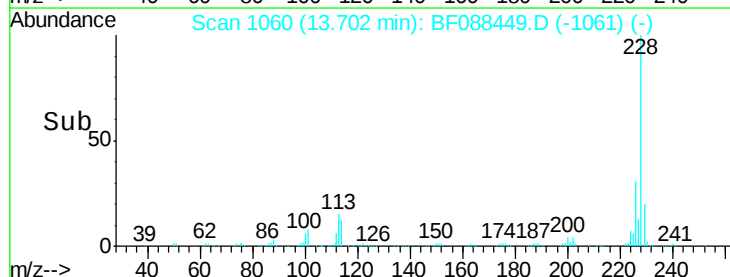
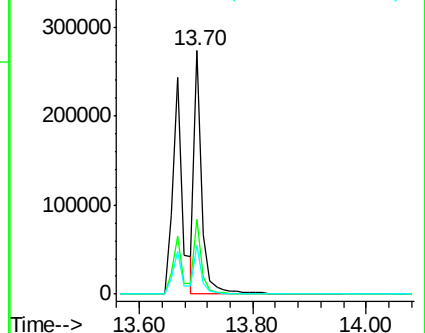
229 20.0 16.3 24.5

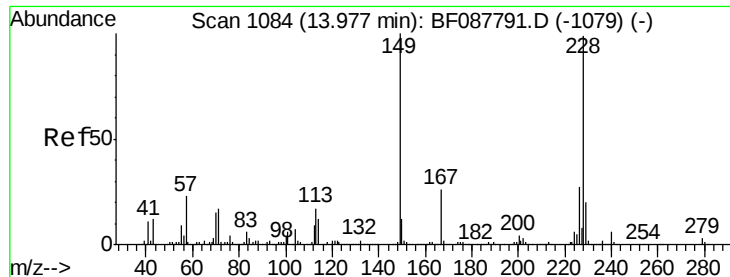


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

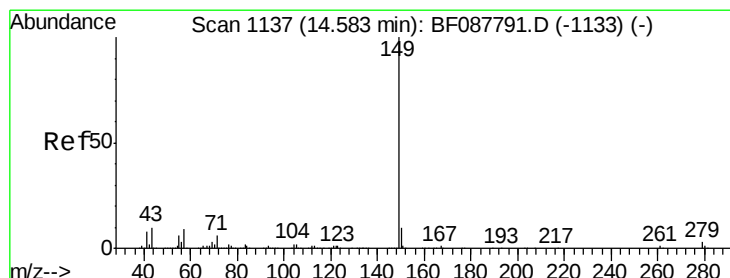
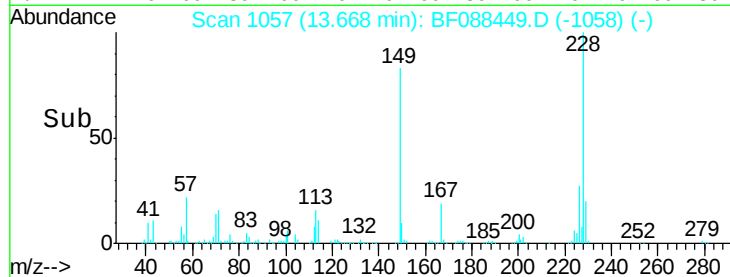
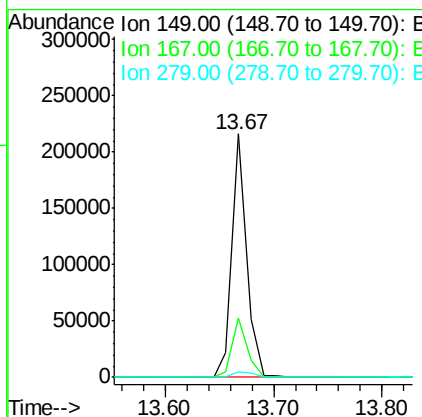
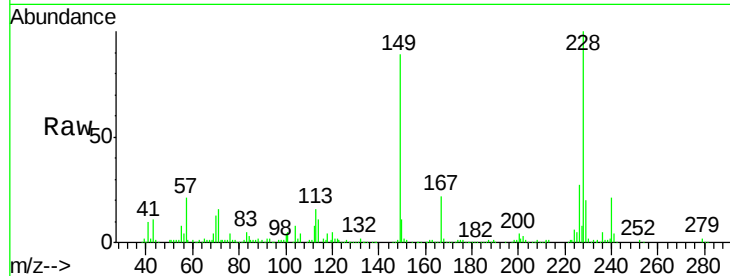




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 25.04 ng
 RT: 13.67 min Scan# 1057
 Delta R.T. -0.31 min
 Lab File: BF088449.D
 Acq: 27 Jun 2016 11:53

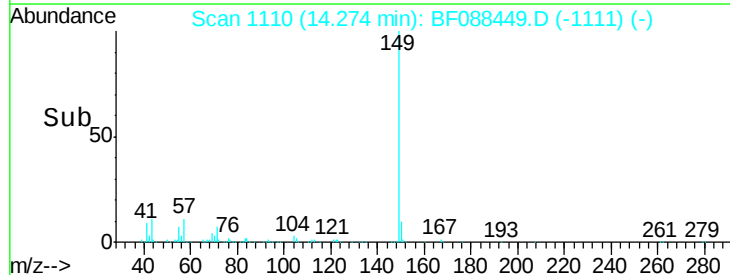
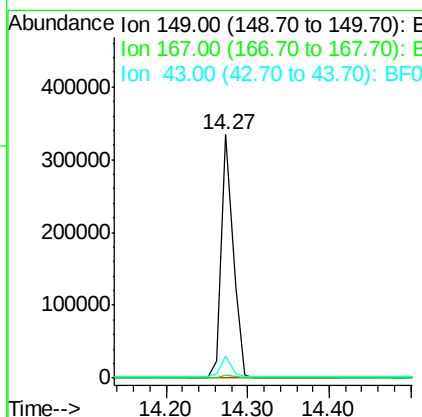
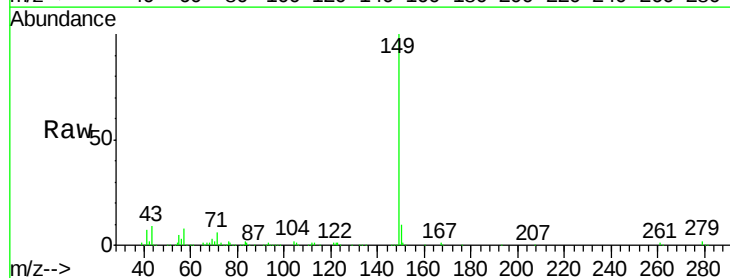
Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-55-062216MS

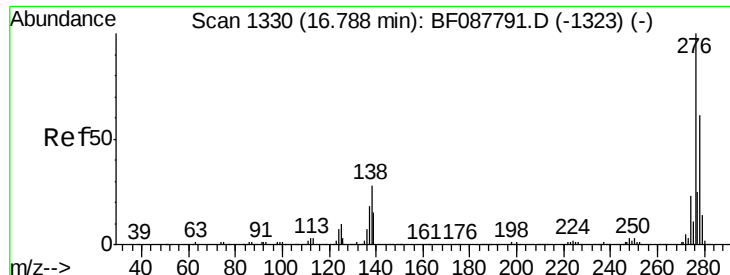
Tot Ion	Ratio	Lower	Upper
149	100		
167	24.6	20.5	30.7
279	2.4	2.0	3.0



#84
 Di-n-octyl phthalate
 Concen: 25.85 ng
 RT: 14.27 min Scan# 1110
 Delta R.T. -0.31 min
 Lab File: BF088449.D
 Acq: 27 Jun 2016 11:53

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.5	0.0	0.0#
43	7.8	0.0	0.0#

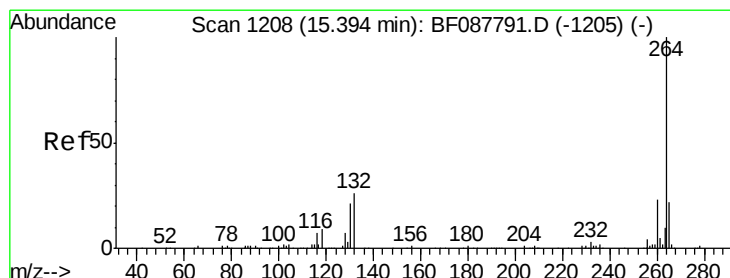
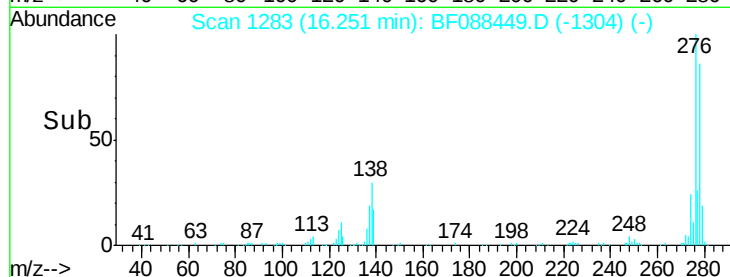
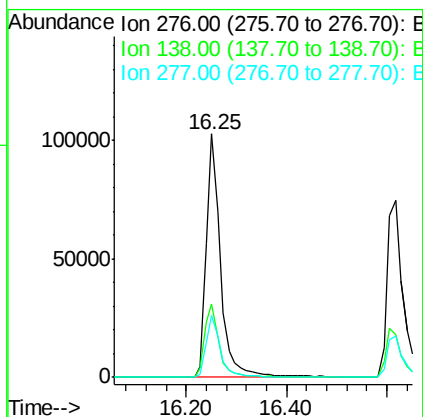
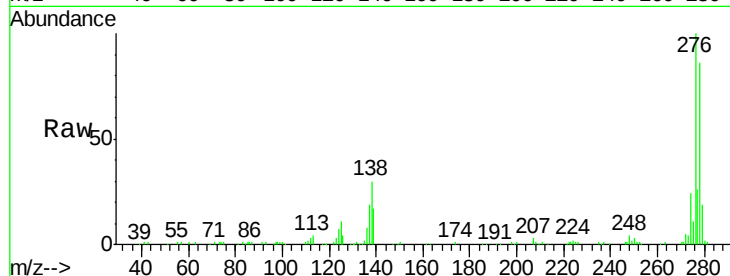




#85
Indeno(1,2,3-cd)pyrene
Concen: 20.29 ng
RT: 16.25 min Scan# 1283
Delta R.T. -0.54 min
Lab File: BF088449.D
Acq: 27 Jun 2016 11:53

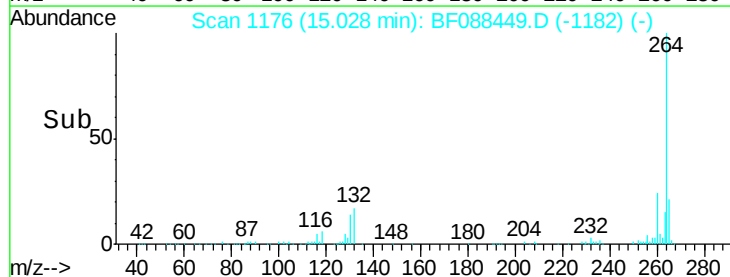
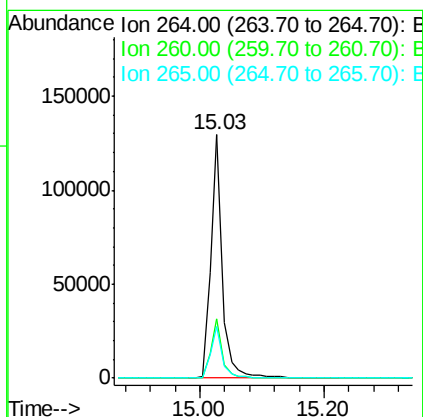
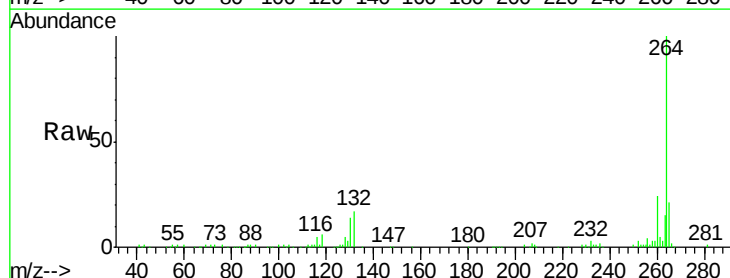
Instrument :
BNA_F
ClientSampleId :
HSR-WC-55-062216MS

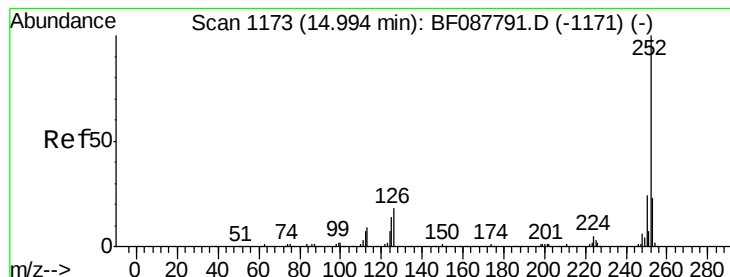
Tot Ion:276 Resp: 203450
Ion Ratio Lower Upper
276 100
138 30.4 0.0 0.0#
277 25.2 0.0 0.0#



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.03 min Scan# 1176
Delta R.T. -0.37 min
Lab File: BF088449.D
Acq: 27 Jun 2016 11:53

Tgt Ion:264 Resp: 164343
Ion Ratio Lower Upper
264 100
260 24.2 19.2 28.8
265 21.1 16.9 25.3





#87

Benzo(b)fluoranthene

Concen: 43.10 ng

RT: 14.70 min Scan# 1147

Delta R.T. -0.30 min

Lab File: BF088449.D

Acq: 27 Jun 2016 11:53

Instrument :

BNA_F

ClientSampleId :

HSR-WC-55-062216MS

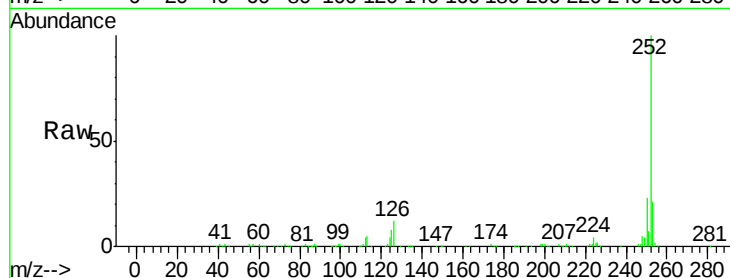
Tot Ion:252 Resp: 493674

Ion Ratio Lower Upper

252 100

253 21.3 17.4 26.2

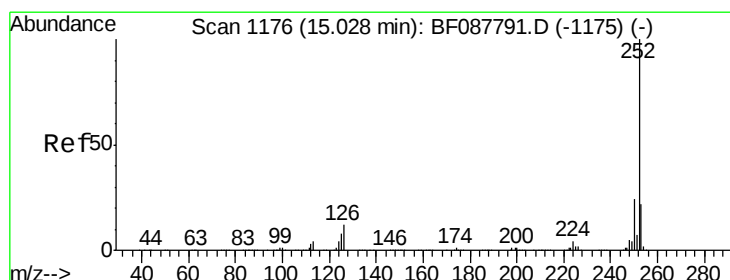
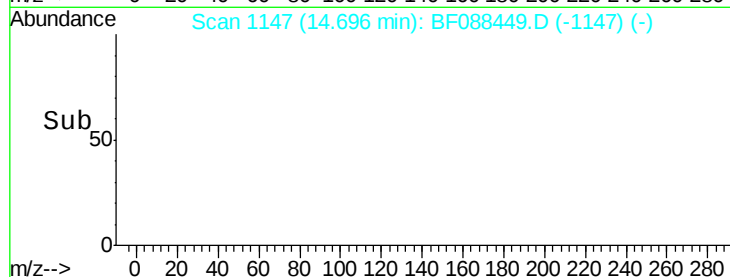
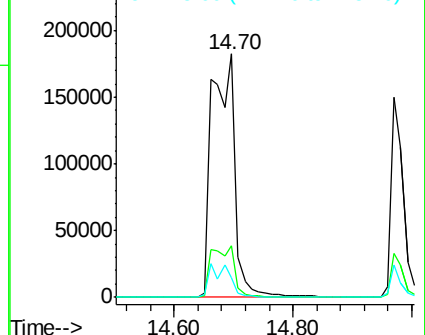
125 8.2 7.1 10.7



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 57.23 ng

RT: 14.70 min Scan# 1147

Delta R.T. -0.33 min

Lab File: BF088449.D

Acq: 27 Jun 2016 11:53

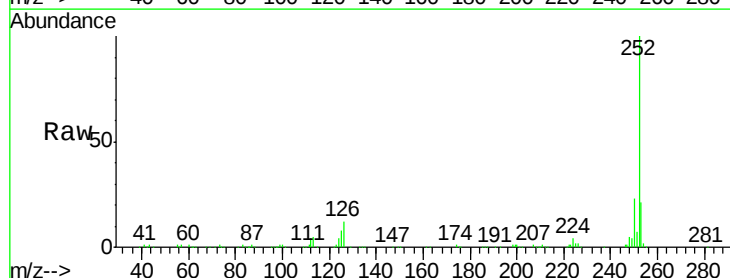
Tgt Ion:252 Resp: 494545

Ion Ratio Lower Upper

252 100

253 21.3 18.0 27.0

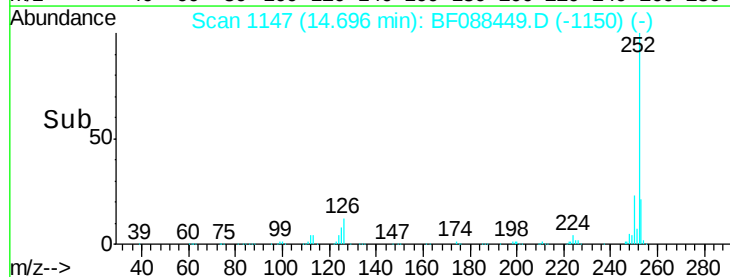
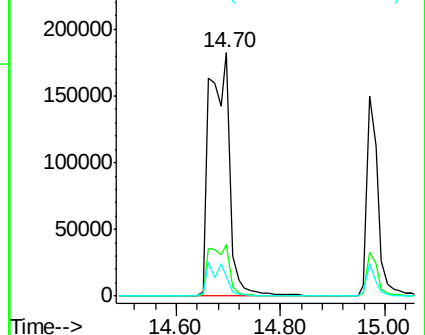
125 8.2 11.2 16.8#

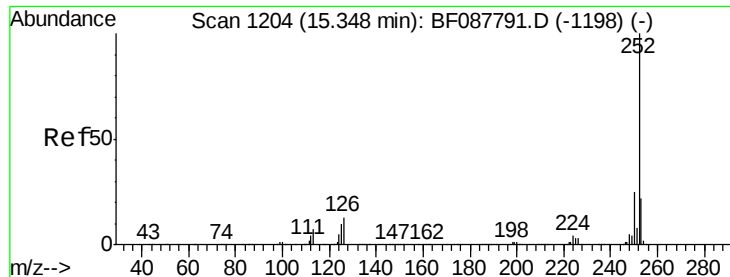


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

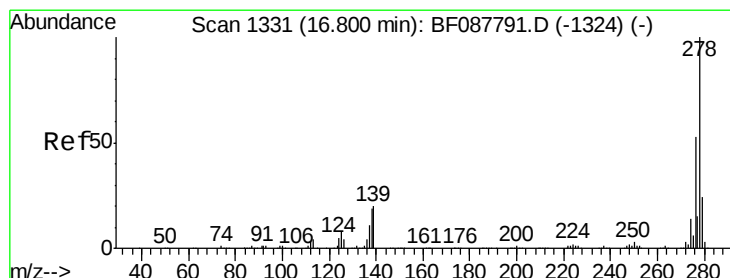
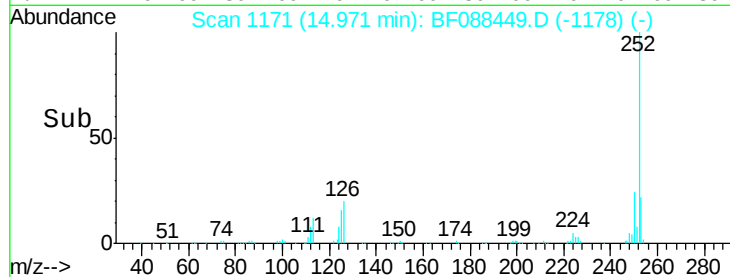
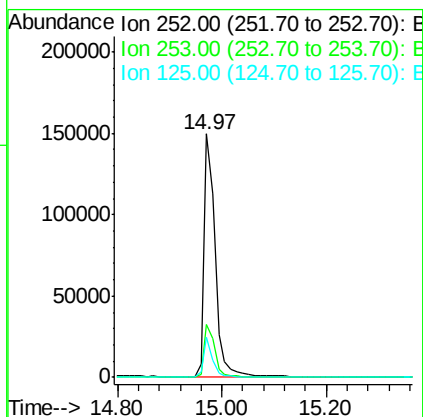
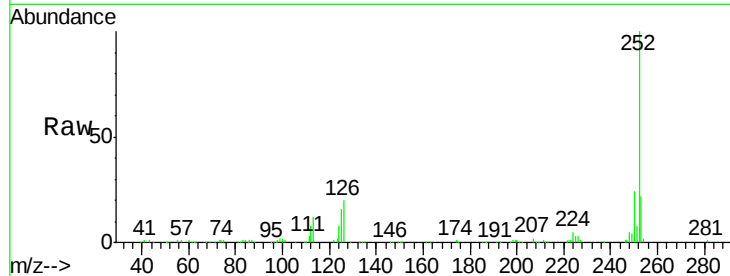




#89
Benzo(a)pyrene
Concen: 24.26 ng
RT: 14.97 min Scan# 1171
Delta R.T. -0.38 min
Lab File: BF088449.D
Acq: 27 Jun 2016 11:53

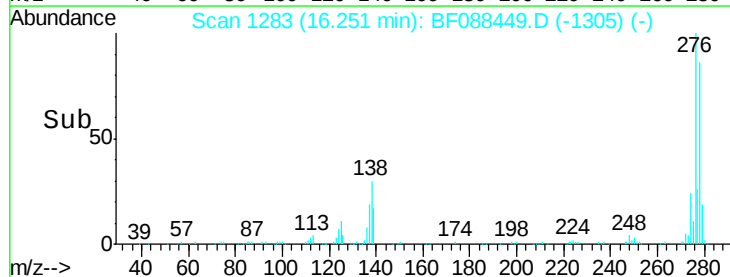
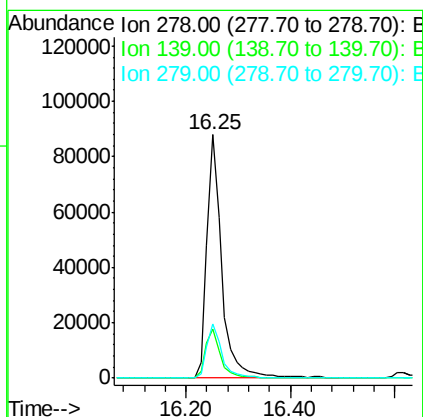
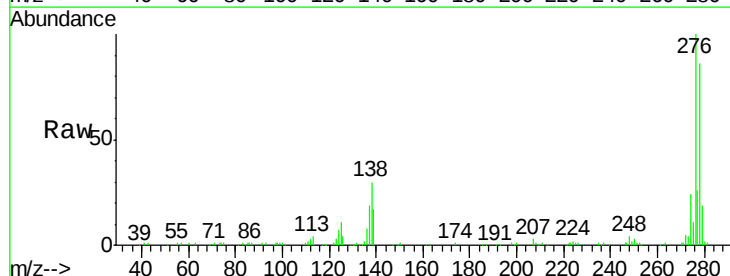
Instrument :
BNA_F
ClientSampleId :
HSR-WC-55-062216MS

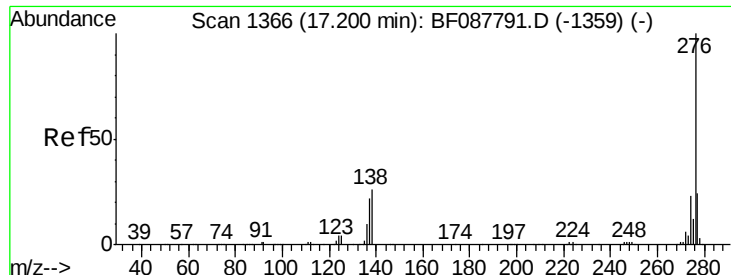
Tot Ion:252 Resp: 224796
Ion Ratio Lower Upper
252 100
253 21.7 17.9 26.9
125 16.4 12.5 18.7



#90
Dibenzo(a,h)anthracene
Concen: 20.25 ng
RT: 16.25 min Scan# 1283
Delta R.T. -0.55 min
Lab File: BF088449.D
Acq: 27 Jun 2016 11:53

Tgt Ion:278 Resp: 174306
Ion Ratio Lower Upper
278 100
139 19.9 15.7 23.5
279 22.3 19.4 29.2





#91

Benzo(a,h,i)perylene

Concen: 19.45 ng

RT: 16.62 min Scan# 1315

Delta R.T. -0.58 min

Lab File: BF088449.D

Acq: 27 Jun 2016 11:53

Instrument :

BNA_F

ClientSampleId :

HSR-WC-55-062216MS

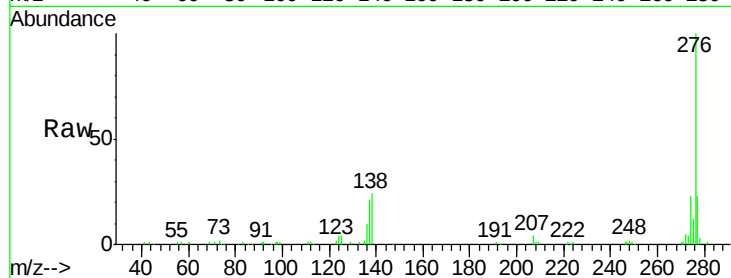
Tot Ion:276 Resp: 172232

Ion Ratio Lower Upper

276 100

277 23.2 18.9 28.3

138 23.9 21.4 32.2



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

