

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061416\
 Data File : BF088035.D
 Acq On : 15 Jun 2016 9:11
 Operator : UM/SJ
 Sample : H3446-01MSD
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-50-060616MSD

Quant Time: Jun 15 12:56:14 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 13 14:10:49 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	114833	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	451437	20.00	ng	-0.01
38) Acenaphthene-d10	9.83	164	211474	20.00	ng	-0.01
63) Phenanthrene-d10	11.30	188	326724	20.00	ng	-0.01
75) Chrysene-d12	13.94	240	278109	20.00	ng	-0.01
86) Perylene-d12	15.35	264	217252	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.39	112	667764	99.41	ng	0.01
7) Phenol-d6	6.43	99	788379	96.84	ng	0.00
23) Nitrobenzene-d5	7.35	82	583889	75.53	ng	-0.01
41) 2,4,6-Tribromophenol	10.62	330	175753	78.71	ng	-0.01
44) 2-Fluorobiphenyl	9.15	172	958524	70.24	ng	-0.01
78) Terphenyl-d14	12.89	244	734876	60.13	ng	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.46	88	88733	27.19	ng	# 87
3) Pyridine	3.13	79	217853	28.27	ng	95
4) n-Nitrosodimethylamine	3.06	42	106152	32.52	ng	82
6) Aniline	6.44	93	241150	20.81	ng	# 1
8) 2-Chlorophenol	6.57	128	294742	37.07	ng	93
10) Phenol	6.44	94	333280	39.34	ng	81
11) bis(2-Chloroethyl)ether	6.52	93	262614	36.79	ng	92
12) 1,3-Dichlorobenzene	6.72	146	279059	32.71	ng	99
13) 1,4-Dichlorobenzene	6.80	146	286908	33.39	ng	98
14) 1,2-Dichlorobenzene	6.96	146	280120	35.84	ng	99
15) Benzyl Alcohol	6.94	79	231848	36.40	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.07	45	368414	38.20	ng	90
17) 2-Methylphenol	7.05	107	231190	35.86	ng	98
18) Hexachloroethane	7.29	117	96496	31.65	ng	# 79
19) n-Nitroso-di-n-propylamine	7.21	70	207500	39.84	ng	# 86
20) 3+4-Methylphenols	7.21	107	277057	36.83	ng	# 81
22) Acetophenone	7.20	105	380974	37.76	ng	# 95
24) Nitrobenzene	7.37	77	297333	39.70	ng	90
25) Isophorone	7.61	82	556321	38.85	ng	99
26) 2-Nitrophenol	7.69	139	159608	39.79	ng	# 81
27) 2,4-Dimethylphenol	7.74	122	290144	39.28	ng	97
28) bis(2-Chloroethoxy)methane	7.83	93	364236	41.01	ng	97
29) 2,4-Dichlorophenol	7.93	162	232420	37.69	ng	98
30) 1,2,4-Trichlorobenzene	8.01	180	239943	35.73	ng	99
31) Naphthalene	8.09	128	835880	37.42	ng	100
32) Benzoic acid	7.87	122	163321	40.16	ng	93
33) 4-Chloroaniline	8.15	127	144690	14.50	ng	# 91
34) Hexachlorobutadiene	8.22	225	137693	38.88	ng	98
35) Caprolactam	8.52	113	70445	34.49	ng	# 73
36) 4-Chloro-3-methylphenol	8.64	107	238265	36.13	ng	99
37) 2-Methylnaphthalene	8.79	142	593435	40.30	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.95	216	232326	40.95	ng	# 1
40) Hexachlorocyclopentadiene	8.94	237	36473	10.69	ng	99
42) 2,4,6-Trichlorophenol	9.07	196	164800	38.97	ng	100

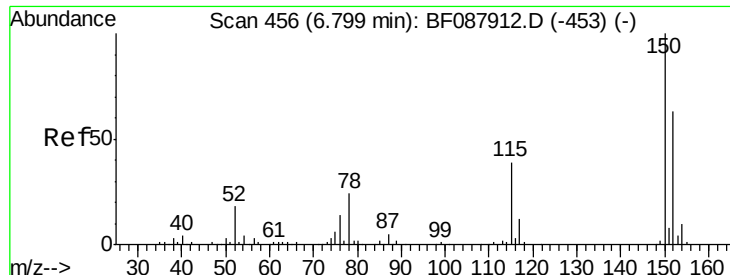
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061416\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	9.12	196	169160	38.45	ng	97
45) 1,1'-Biphenyl	9.26	154	714119	44.99	ng	96
46) 2-Chloronaphthalene	9.28	162	549472	40.15	ng	94
47) 2-Nitroaniline	9.37	65	140113	34.71	ng	92
48) Acenaphthylene	9.69	152	830668	38.16	ng	99
49) Dimethylphthalate	9.56	163	667496	43.57	ng	98
50) 2,6-Dinitrotoluene	9.62	165	155658	44.37	ng	97
51) Acenaphthene	9.86	154	510219	37.57	ng	98
52) 3-Nitroaniline	9.78	138	79504	19.64	ng	89
53) 2,4-Dinitrophenol	9.90	184	44166	28.81	ng	# 71
54) Dibenzofuran	10.03	168	729517	39.01	ng	93
55) 4-Nitrophenol	9.95	139	168983	53.78	ng	92
56) 2,4-Dinitrotoluene	10.02	165	175036	38.82	ng	# 74
57) Fluorene	10.38	166	553135	43.62	ng	100
58) 2,3,4,6-Tetrachlorophenol	10.15	232	121869	35.25	ng	# 56
59) Diethylphthalate	10.25	149	628074	40.50	ng	97
60) 4-Chlorophenyl-phenylether	10.36	204	212764	34.21	ng	94
61) 4-Nitroaniline	10.40	138	134701	35.08	ng	98
62) Azobenzene	10.52	77	562809	36.70	ng	96
64) 4,6-Dinitro-2-methylphenol	10.43	198	32580	17.42	ng	# 53
65) n-Nitrosodiphenylamine	10.49	169	510543	47.09	ng	99
66) 4-Bromophenyl-phenylether	10.86	248	150483	42.93	ng	# 91
67) Hexachlorobenzene	10.92	284	158393	43.49	ng	# 78
68) Atrazine	11.02	200	122395	37.28	ng	93
69) Pentachlorophenol	11.12	266	155415	80.96	ng	98
70) Phenanthrene	11.34	178	766727	44.72	ng	99
71) Anthracene	11.38	178	677337	39.17	ng	100
72) Carbazole	11.54	167	731488	45.20	ng	99
73) Di-n-butylphthalate	11.87	149	838389	40.92	ng	100
74) Fluoranthene	12.51	202	651572	36.01	ng	97
76) Benzidine	12.64	184	405039	52.60	ng	99
77) Pyrene	12.74	202	676257	32.77	ng	100
79) Butylbenzylphthalate	13.37	149	374124	41.00	ng	97
80) Benzo(a)anthracene	13.93	228	570660	36.01	ng	100
81) 3,3'-Dichlorobenzidine	13.90	252	187853	44.08	ng	# 97
82) Chrysene	13.97	228	567995	38.10	ng	99
83) Bis(2-ethylhexyl)phthalate	13.93	149	440149	39.63	ng	# 99
84) Di-n-octyl phthalate	14.54	149	858348	47.56	ng	# 100
85) Indeno(1,2,3-cd)pyrene	16.71	276	472358	34.10	ng	# 100
87) Benzo(b)fluoranthene	14.98	252	1103292	72.86	ng	98
88) Benzo(k)fluoranthene	14.98	252	1103292	96.59	ng	# 96
89) Benzo(a)pyrene	15.29	252	493159	40.25	ng	99
90) Dibenzo(a,h)anthracene	16.72	278	395648	34.77	ng	99
91) Benzo(g,h,i)perylene	17.12	276	393056	33.58	ng	95

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.79 min Scan# 455

Delta R.T. -0.00 min

Lab File: BF088035.D

Acq: 15 Jun 2016 9:11

Instrument :

BNA_F

ClientSampleId :

HSR-WC-50-060616MSD

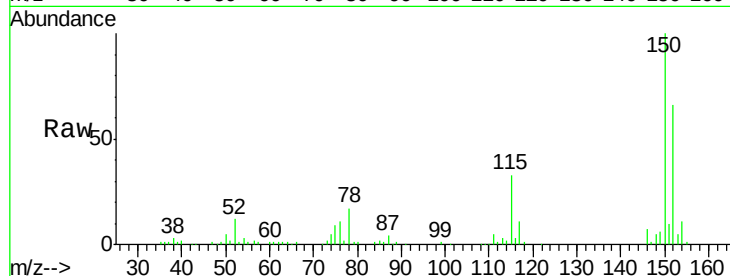
Tgt Ion:152 Resp: 114833

Ion Ratio Lower Upper

152 100

150 151.7 123.8 185.6

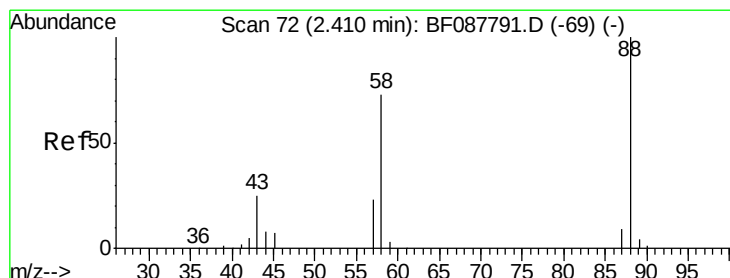
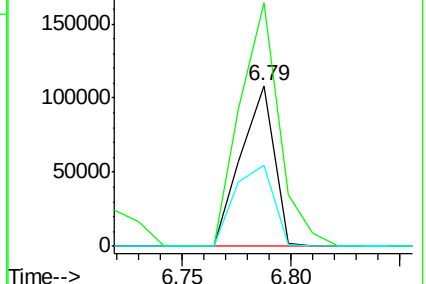
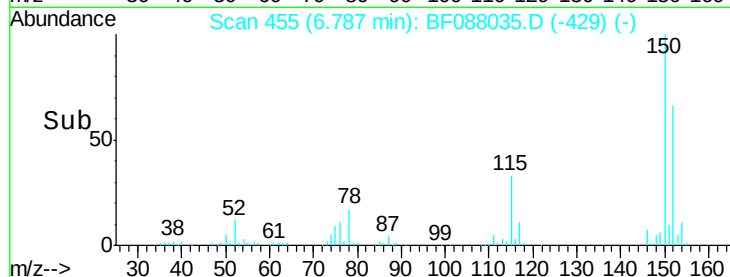
115 50.6 39.6 59.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 27.19 ng

RT: 2.46 min Scan# 76

Delta R.T. 0.14 min

Lab File: BF088035.D

Acq: 15 Jun 2016 9:11

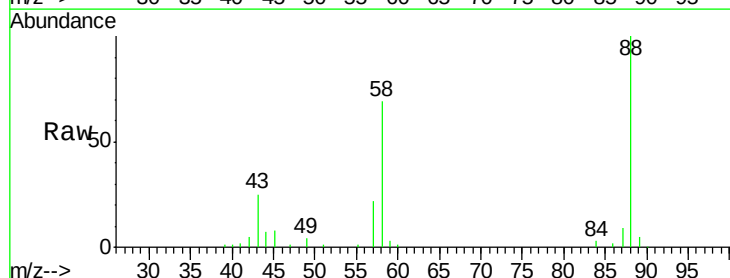
Tgt Ion: 88 Resp: 88733

Ion Ratio Lower Upper

88 100

58 70.7 0.0 0.0#

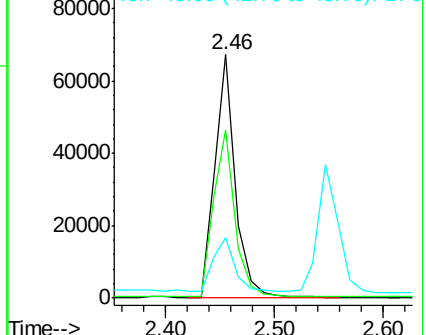
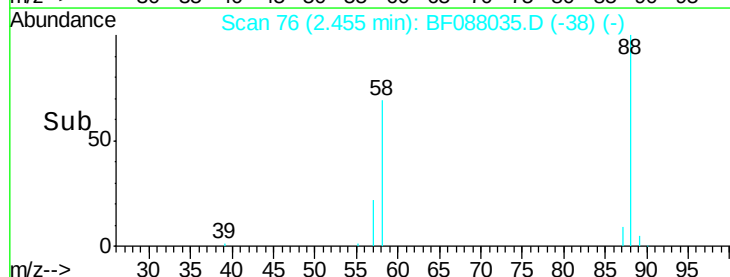
43 0.0 3.4 5.2#

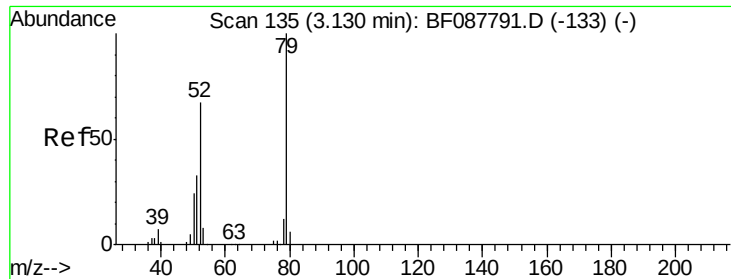


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0

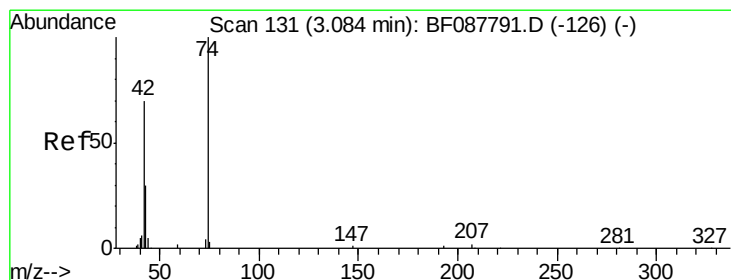
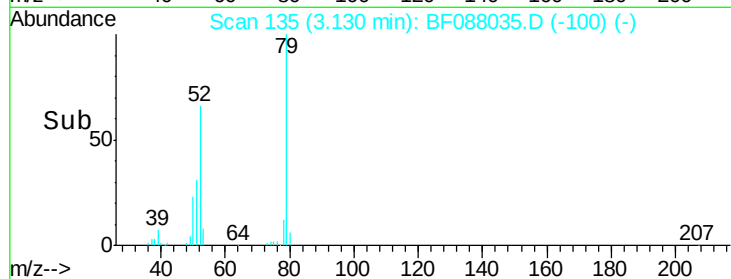
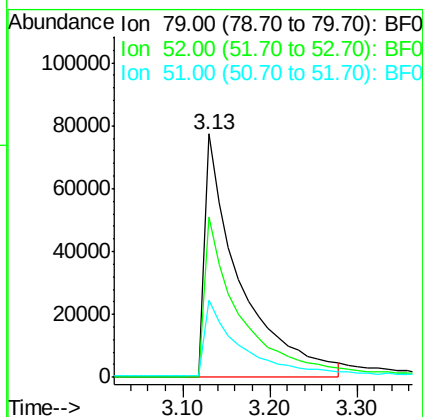
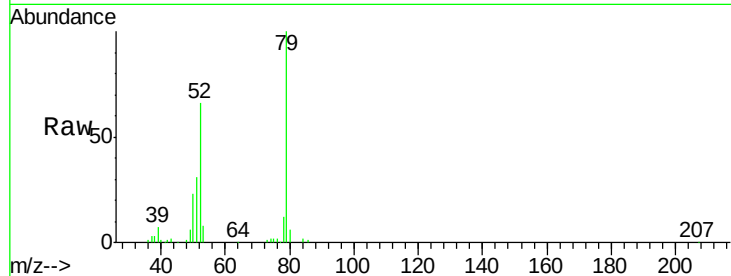




#3
 Pyridine
 Concen: 28.27 ng
 RT: 3.13 min Scan# 135
 Delta R.T. 0.10 min
 Lab File: BF088035.D
 Acq: 15 Jun 2016 9:11

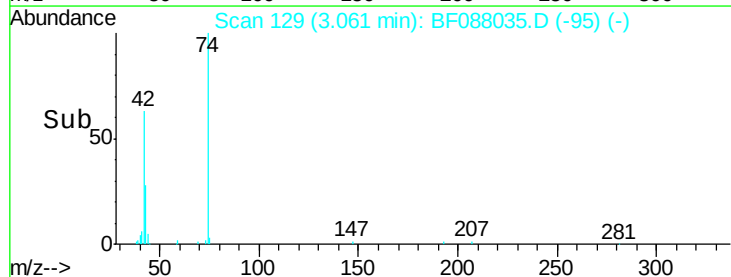
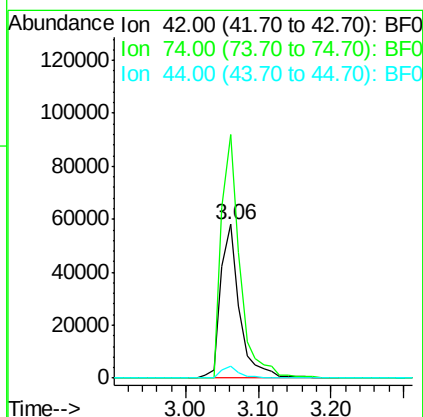
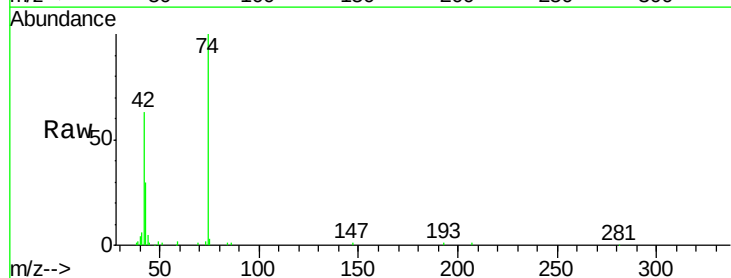
Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-50-060616MSD

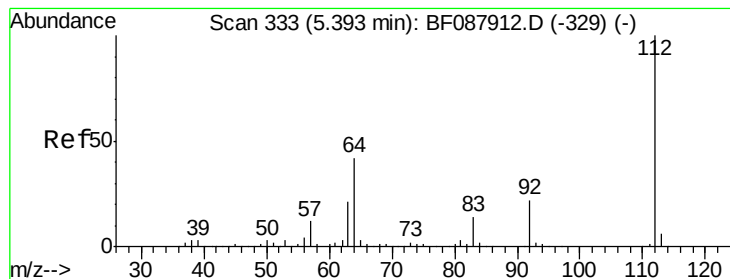
Tgt Ion: 79 Resp: 217853
 Ion Ratio Lower Upper
 79 100
 52 65.7 56.3 84.5
 51 31.5 27.4 41.2



#4
 n-Nitrosodimethylamine
 Concen: 32.52 ng
 RT: 3.06 min Scan# 129
 Delta R.T. 0.09 min
 Lab File: BF088035.D
 Acq: 15 Jun 2016 9:11

Tgt Ion: 42 Resp: 106152
 Ion Ratio Lower Upper
 42 100
 74 158.4 108.6 163.0
 44 7.5 5.5 8.3





#5

2-Fluorophenol

Concen: 99.41 ng

RT: 5.39 min Scan# 333

Delta R.T. 0.01 min

Lab File: BF088035.D

Acq: 15 Jun 2016 9:11

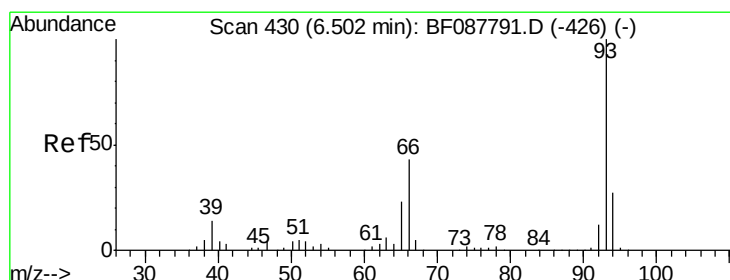
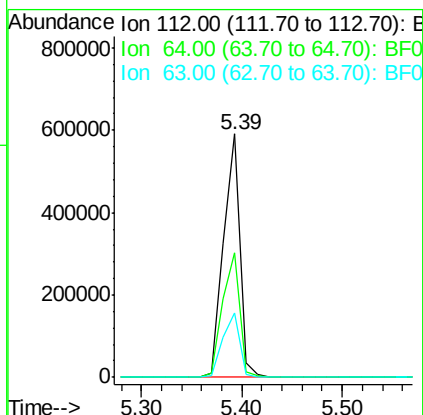
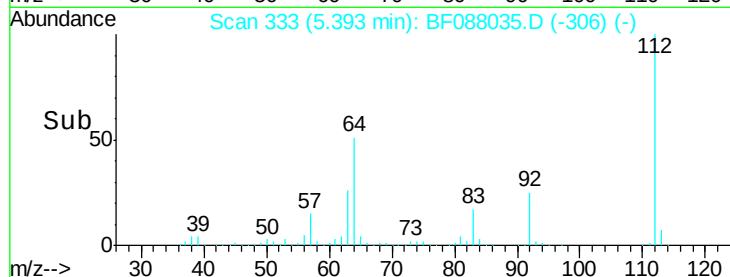
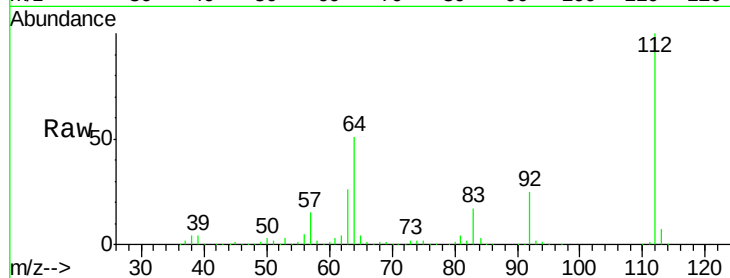
Instrument :

BNA_F

ClientSampleId :

HSR-WC-50-060616MSD

Tgt Ion:	112	Resp:	667764
Ion	Ratio	Lower	Upper
112	100		
64	51.0	42.2	63.2
63	26.3	21.8	32.8



#6

Aniline

Concen: 20.81 ng

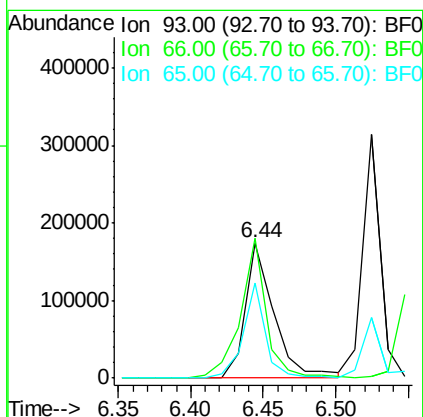
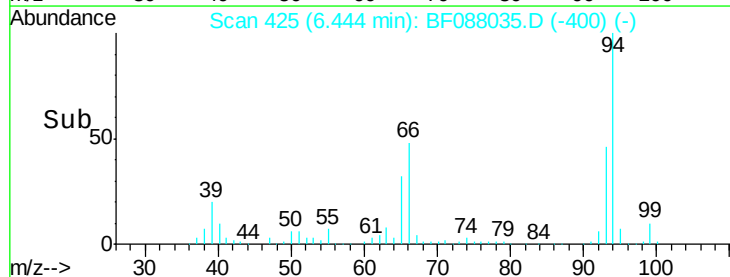
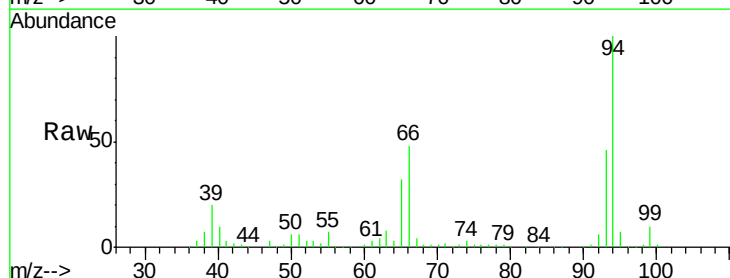
RT: 6.44 min Scan# 425

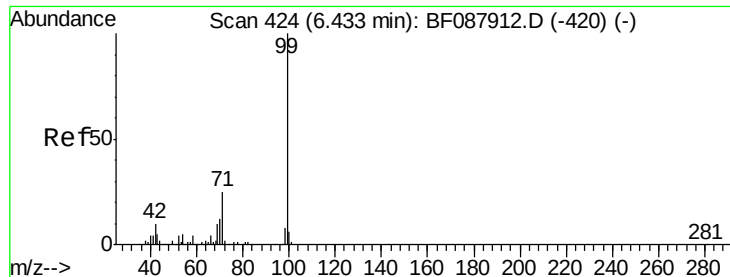
Delta R.T. -0.01 min

Lab File: BF088035.D

Acq: 15 Jun 2016 9:11

Tgt Ion:	93	Resp:	241150
Ion	Ratio	Lower	Upper
93	100		
66	103.2	29.8	44.8#
65	70.1	14.9	22.3#





#7

Phenol-d6

Concen: 96.84 ng

RT: 6.43 min Scan# 424

Delta R.T. -0.00 min

Lab File: BF088035.D

Acq: 15 Jun 2016 9:11

Instrument :

BNA_F

ClientSampleId :

HSR-WC-50-060616MSD

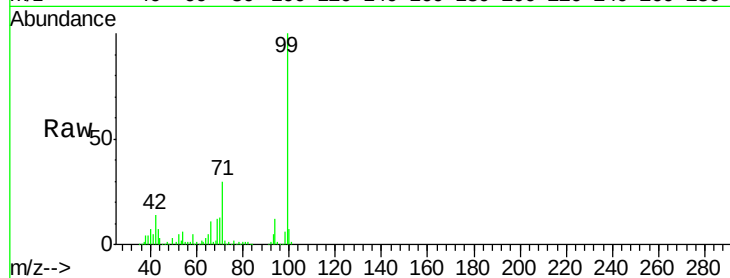
Tgt Ion: 99 Resp: 788379

Ion Ratio Lower Upper

99 100

42 14.3 12.2 18.2

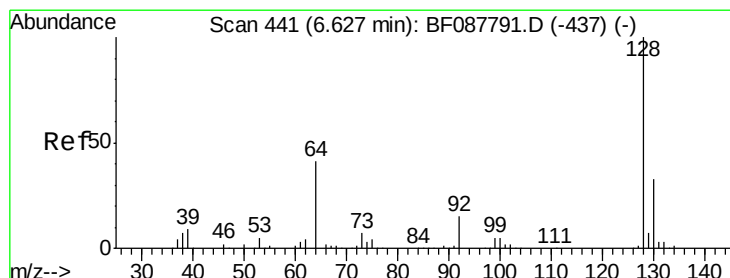
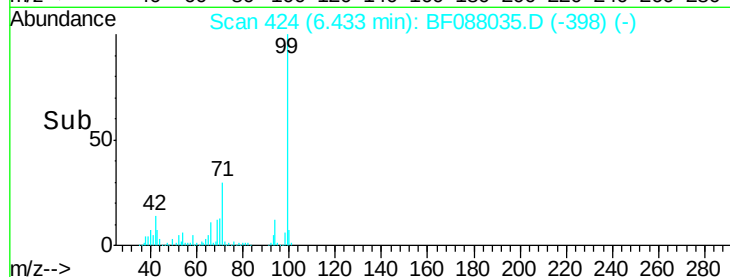
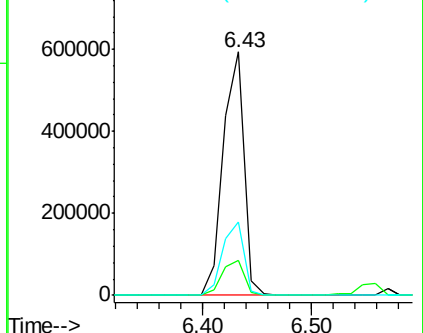
71 30.4 23.4 35.0



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: 37.07 ng

RT: 6.57 min Scan# 436

Delta R.T. -0.01 min

Lab File: BF088035.D

Acq: 15 Jun 2016 9:11

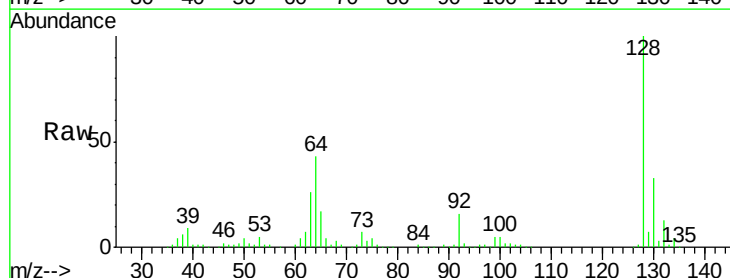
Tgt Ion: 128 Resp: 294742

Ion Ratio Lower Upper

128 100

130 32.7 12.0 52.0

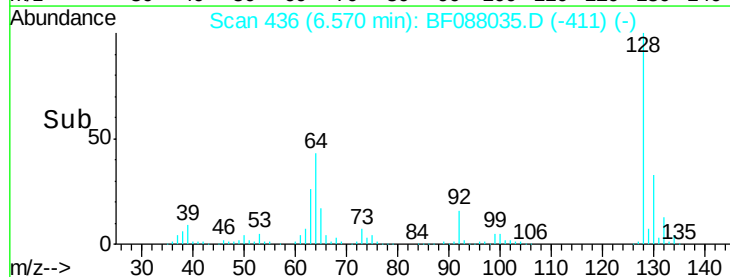
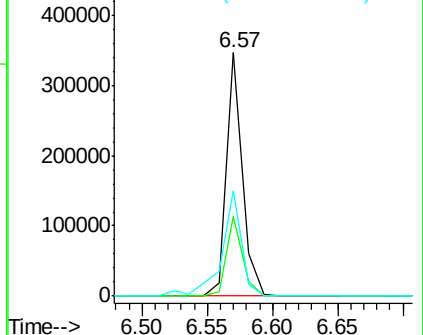
64 43.3 30.8 70.8

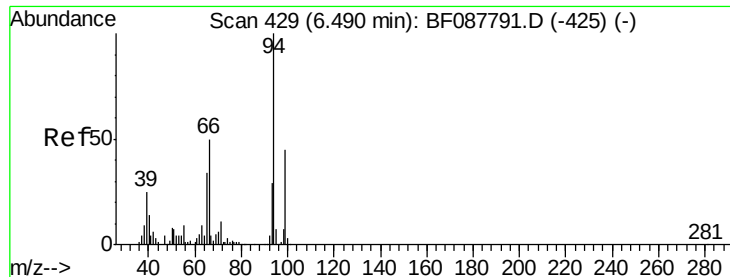


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#10

Phenol

Concen: 39.34 ng

RT: 6.44 min Scan# 425

Delta R.T. -0.00 min

Lab File: BF088035.D

Acq: 15 Jun 2016 9:11

Instrument :

BNA_F

ClientSampleId :

HSR-WC-50-060616MSD

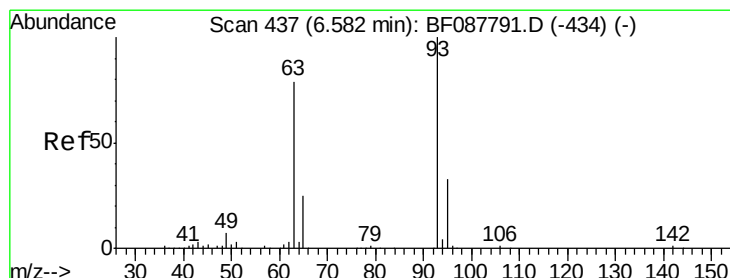
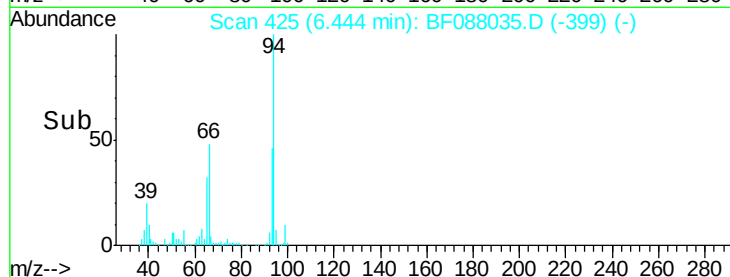
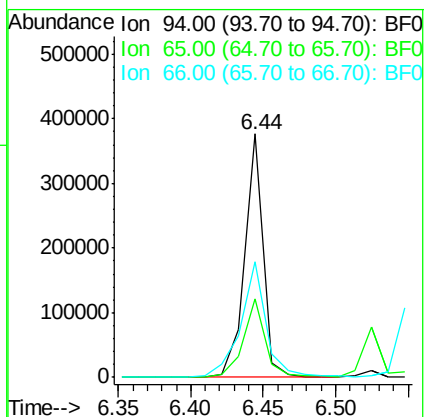
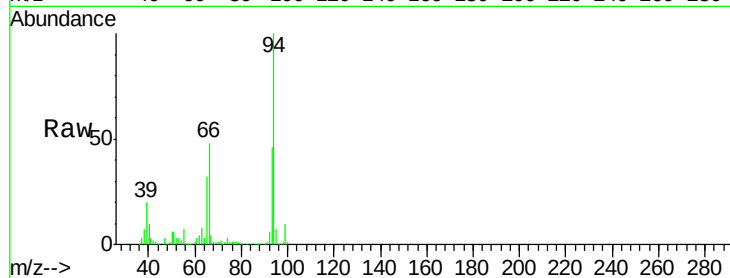
Tgt Ion: 94 Resp: 333280

Ion Ratio Lower Upper

94 100

65 32.4 5.9 45.9

66 47.7 14.0 54.0



#11

bis(2-Chloroethyl)ether

Concen: 36.79 ng

RT: 6.52 min Scan# 432

Delta R.T. -0.01 min

Lab File: BF088035.D

Acq: 15 Jun 2016 9:11

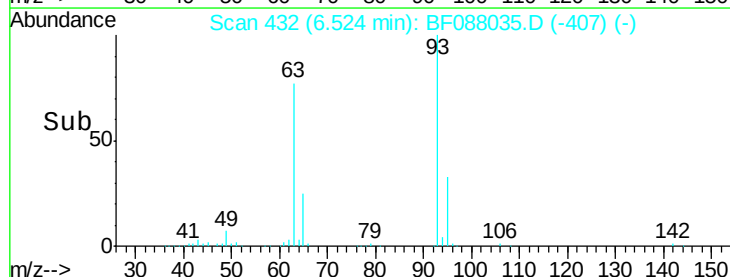
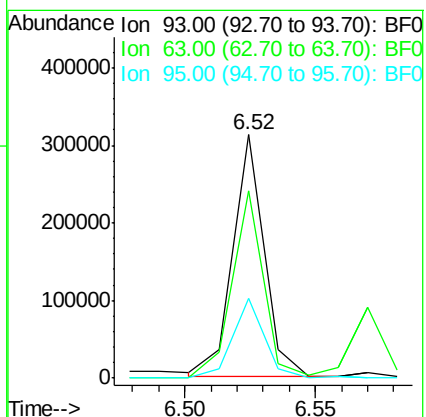
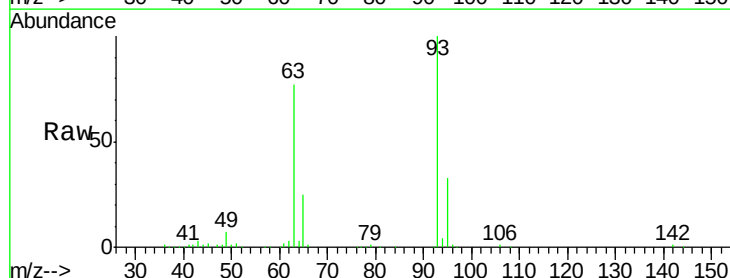
Tgt Ion: 93 Resp: 262614

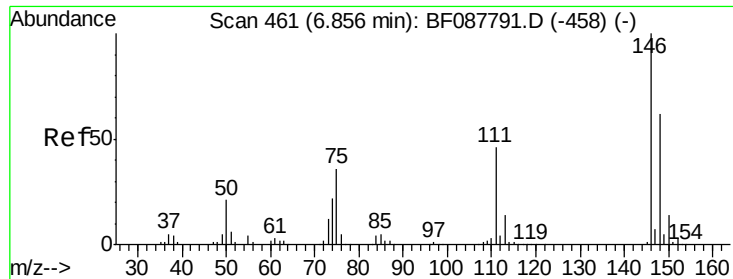
Ion Ratio Lower Upper

93 100

63 77.0 67.6 107.6

95 32.8 12.5 52.5

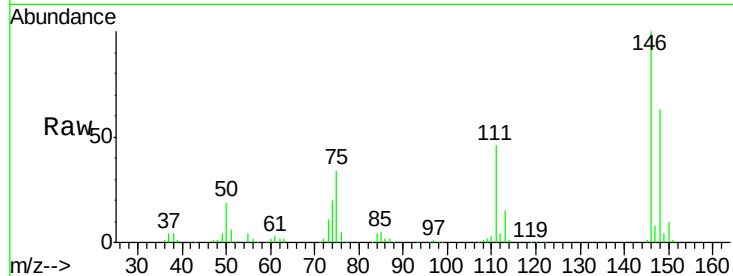




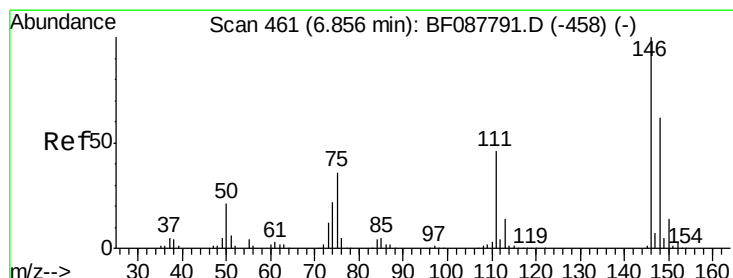
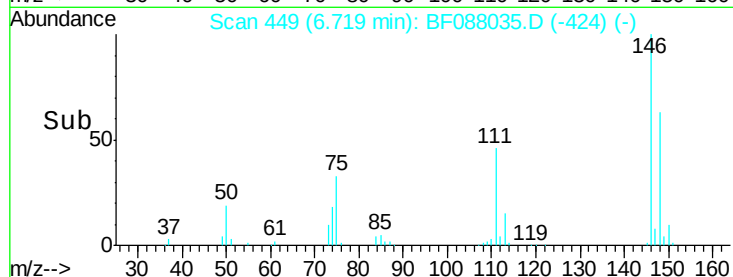
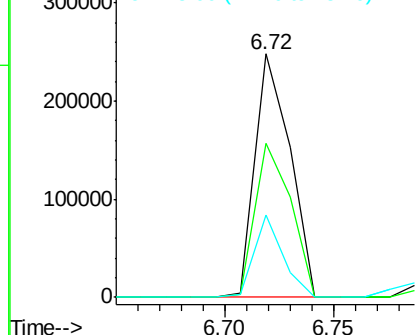
#12
 1,3-Dichlorobenzene
 Concen: 32.71 ng
 RT: 6.72 min Scan# 449
 Delta R.T. -0.01 min
 Lab File: BF088035.D
 Acq: 15 Jun 2016 9:11

Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-50-060616MSD

Tgt Ion:146 Resp: 279059
 Ion Ratio Lower Upper
 146 100
 148 63.4 50.9 76.3
 75 33.8 25.6 38.4

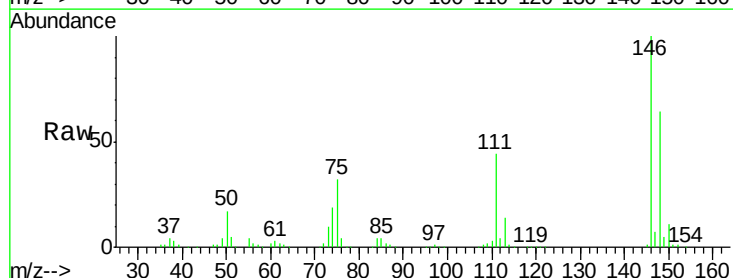


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 75.00 (74.70 to 75.70): BF0

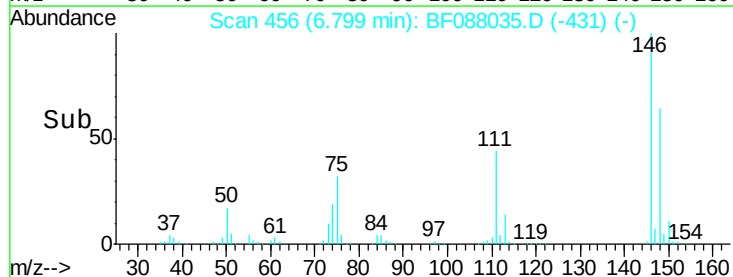
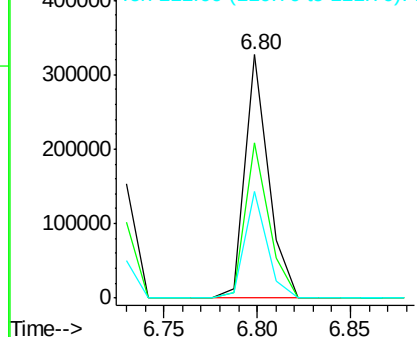


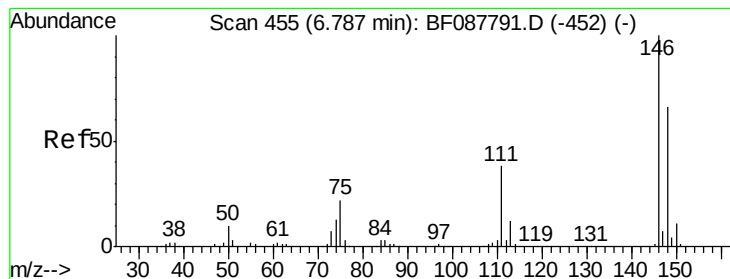
#13
 1,4-Dichlorobenzene
 Concen: 33.39 ng
 RT: 6.80 min Scan# 456
 Delta R.T. -0.01 min
 Lab File: BF088035.D
 Acq: 15 Jun 2016 9:11

Tgt Ion:146 Resp: 286908
 Ion Ratio Lower Upper
 146 100
 148 63.9 52.0 78.0
 111 43.6 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: 35.84 ng

RT: 6.96 min Scan# 470

Delta R.T. -0.01 min

Lab File: BF088035.D

Acq: 15 Jun 2016 9:11

Instrument :

BNA_F

ClientSampleId :

HSR-WC-50-060616MSD

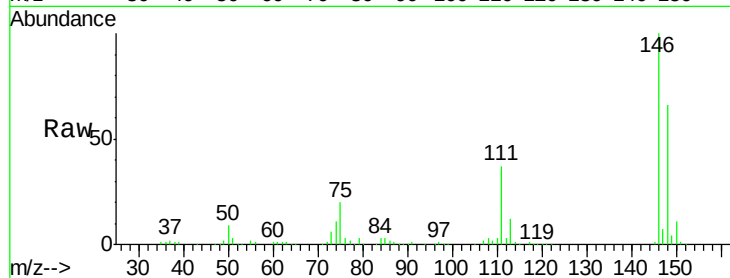
Tgt Ion: 146 Resp: 280120

Ion Ratio Lower Upper

146 100

148 65.9 52.3 78.5

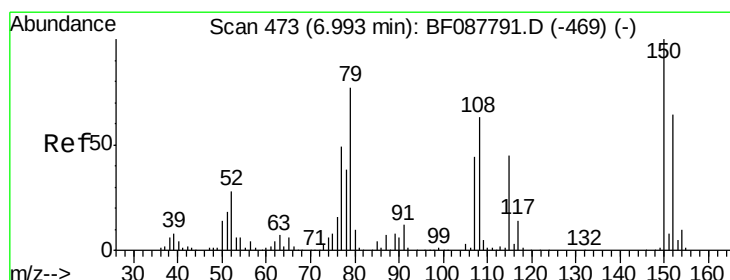
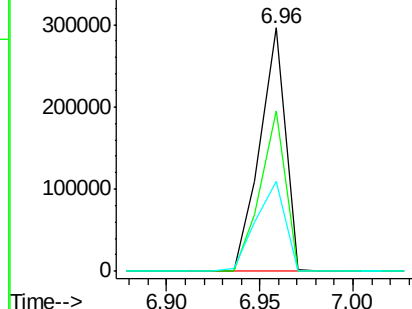
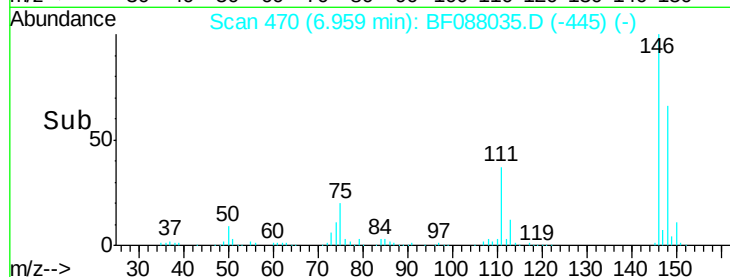
111 36.9 28.7 43.1



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: 36.40 ng

RT: 6.94 min Scan# 468

Delta R.T. -0.00 min

Lab File: BF088035.D

Acq: 15 Jun 2016 9:11

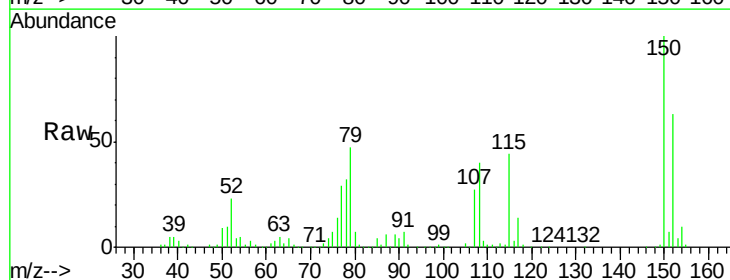
Tgt Ion: 79 Resp: 231848

Ion Ratio Lower Upper

79 100

108 86.3 65.0 97.6

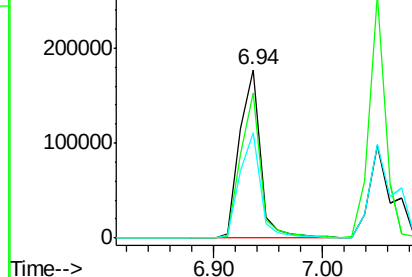
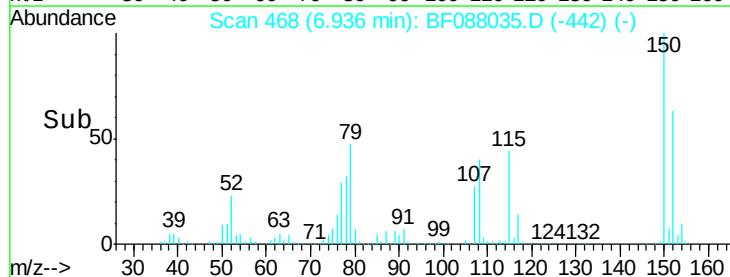
77 62.8 50.3 75.5

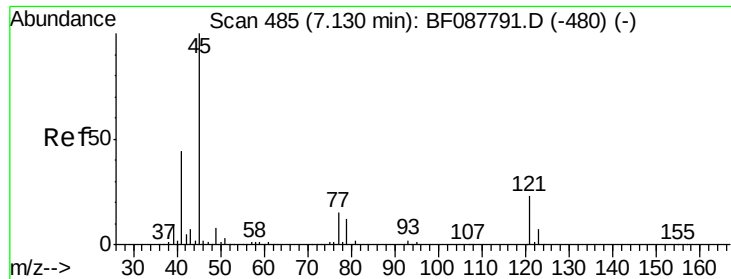


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

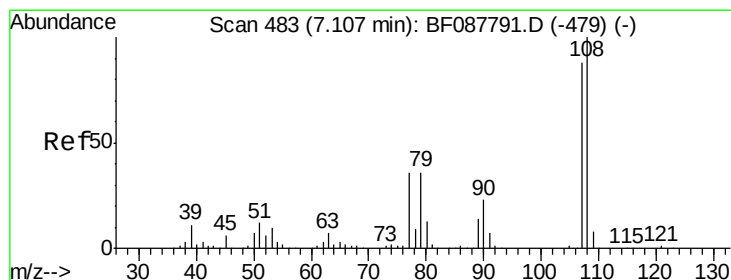
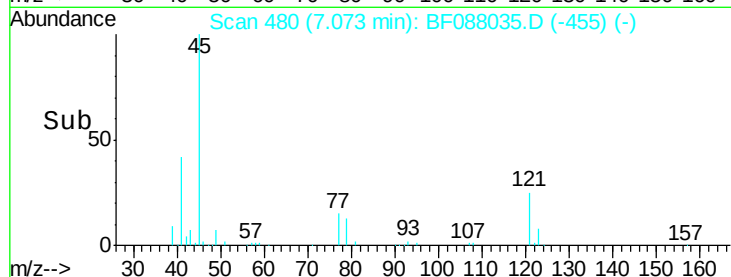
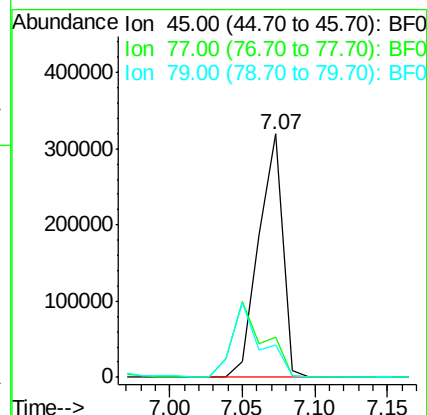
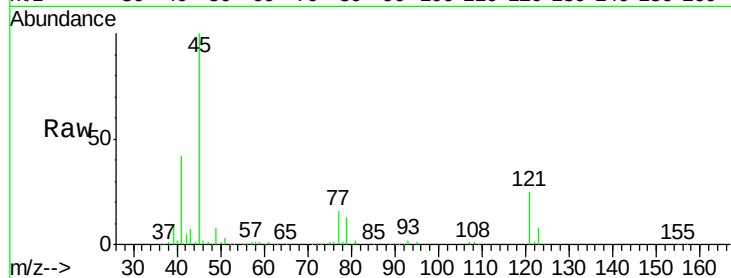




#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.20 ng
RT: 7.07 min Scan# 480
Delta R.T. -0.01 min
Lab File: BF088035.D
Acq: 15 Jun 2016 9:11

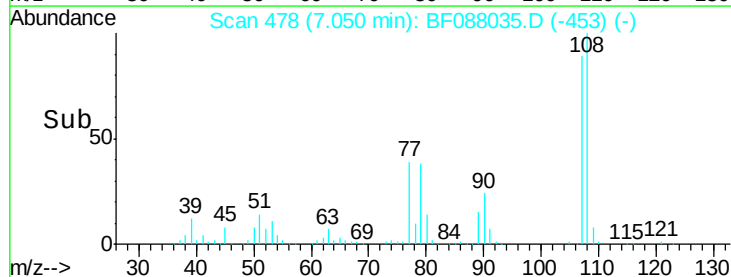
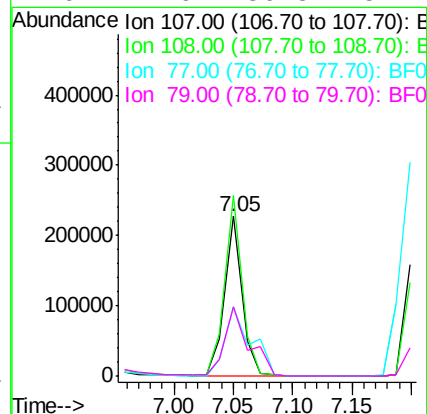
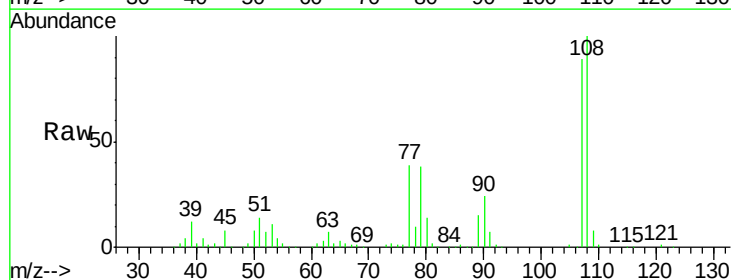
Instrument :
BNA_F
ClientSampleId :
HSR-WC-50-060616MSD

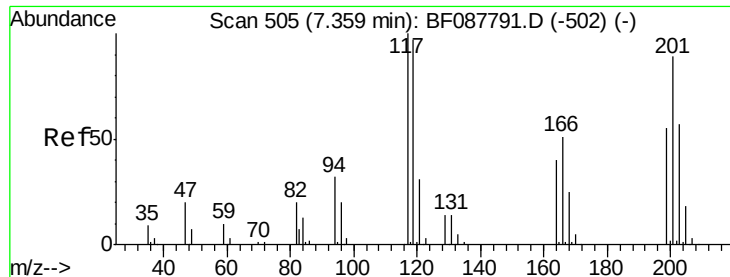
Tgt Ion: 45 Resp: 368414
Ion Ratio Lower Upper
45 100
77 16.4 0.0 32.5
79 13.3 0.0 29.5



#17
2-Methylphenol
Concen: 35.86 ng
RT: 7.05 min Scan# 478
Delta R.T. -0.01 min
Lab File: BF088035.D
Acq: 15 Jun 2016 9:11

Tgt Ion: 107 Resp: 231190
Ion Ratio Lower Upper
107 100
108 112.5 90.9 136.3
77 43.5 36.6 55.0
79 42.9 36.5 54.7

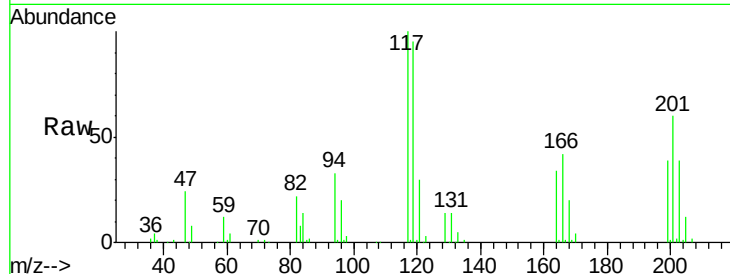




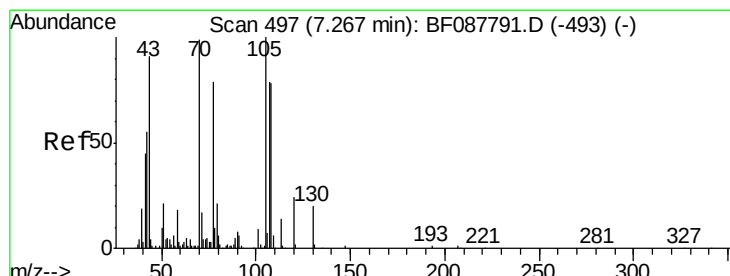
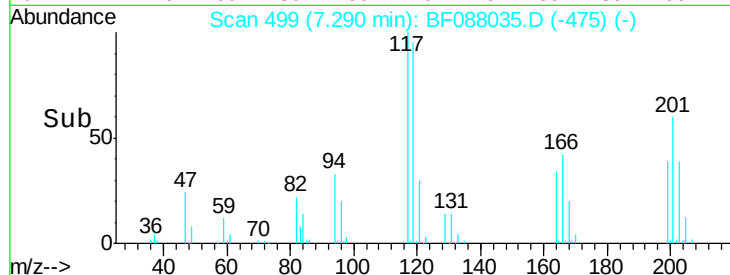
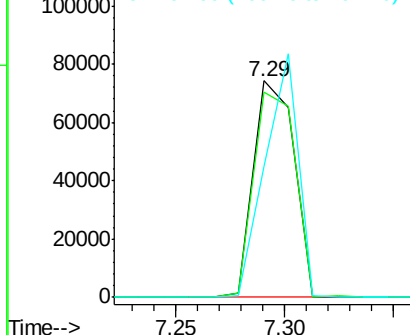
#18
Hexachloroethane
Concen: 31.65 ng
RT: 7.29 min Scan# 499
Delta R.T. -0.02 min
Lab File: BF088035.D
Acq: 15 Jun 2016 9:11

Instrument :
BNA_F
ClientSampleId :
HSR-WC-50-060616MSD

Tgt Ion: 117 Resp: 96496
Ion Ratio Lower Upper
117 100
119 95.0 77.4 116.2
201 60.3 80.4 120.6#



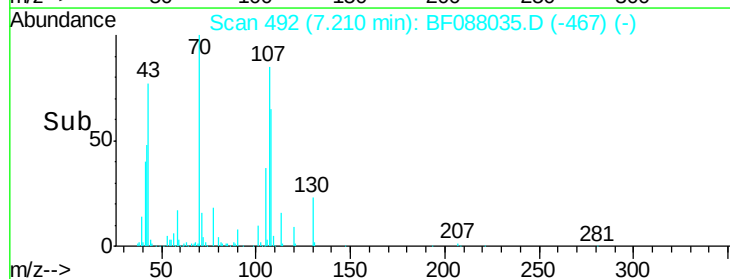
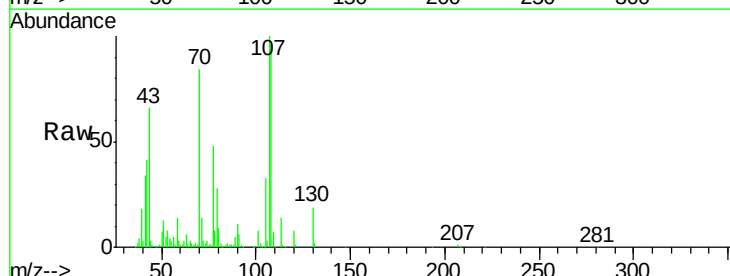
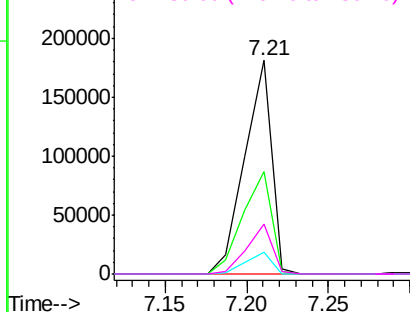
Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

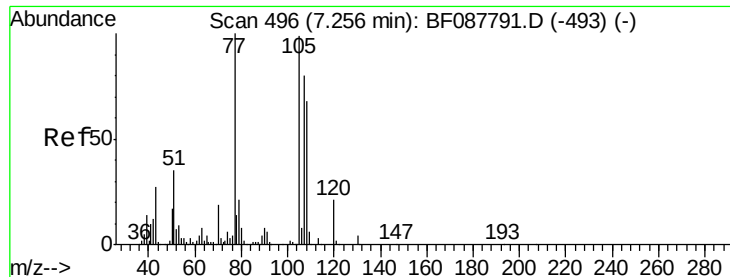


#19
n-Nitroso-di-n-propylamine
Concen: 39.84 ng
RT: 7.21 min Scan# 492
Delta R.T. -0.01 min
Lab File: BF088035.D
Acq: 15 Jun 2016 9:11

Tgt Ion: 70 Resp: 207500
Ion Ratio Lower Upper
70 100
42 48.3 49.6 74.4#
101 9.9 7.1 10.7
130 23.1 15.4 23.2

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

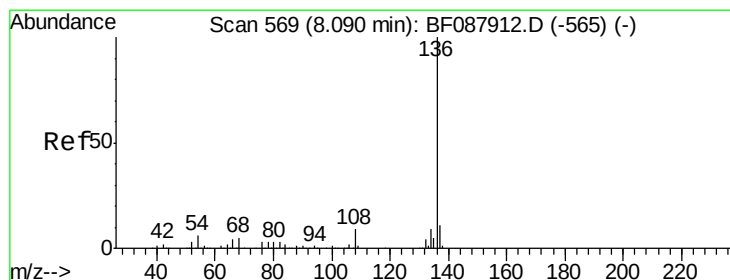
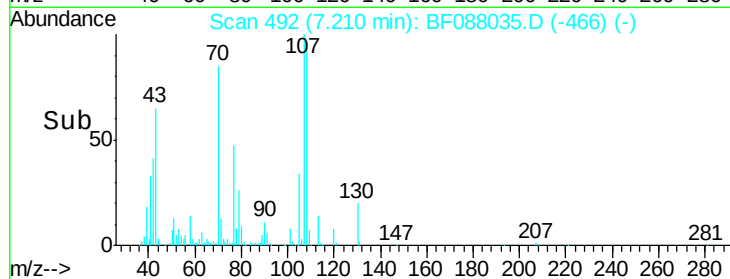
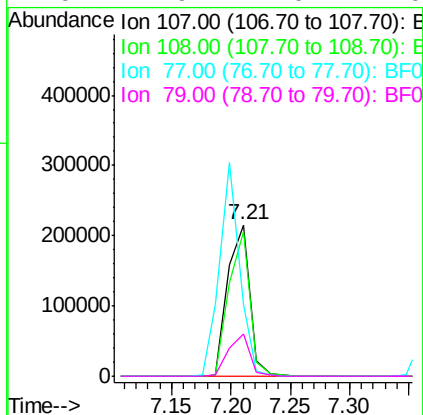
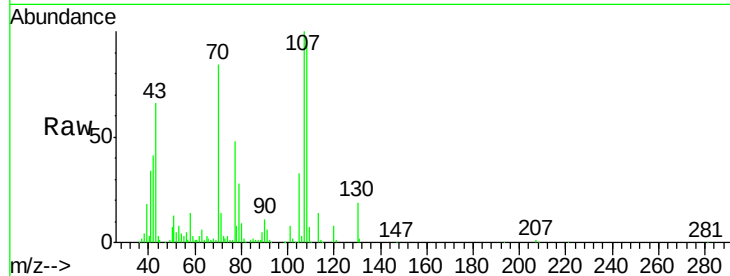




#20
3+4-Methylphenols
Concen: 36.83 ng
RT: 7.21 min Scan# 492
Delta R.T. -0.00 min
Lab File: BF088035.D
Acq: 15 Jun 2016 9:11

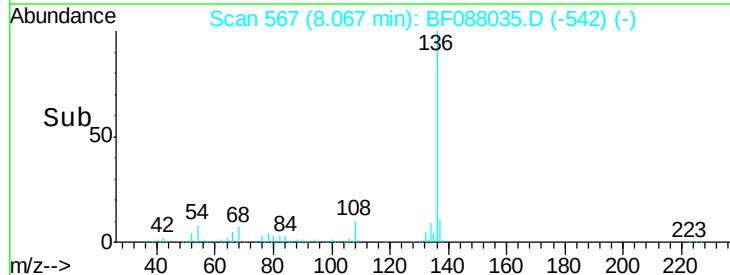
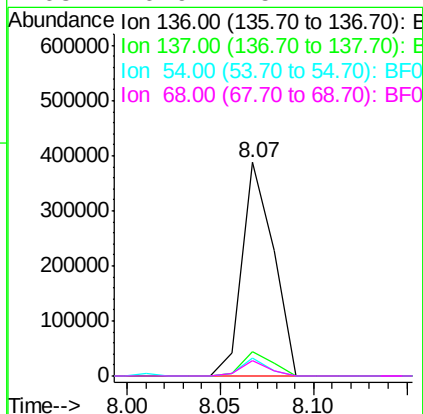
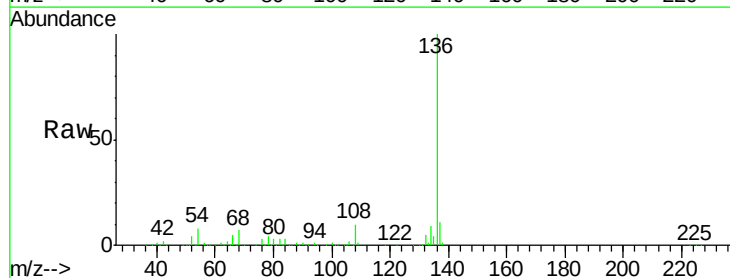
Instrument :
BNA_F
ClientSampleId :
HSR-WC-50-060616MSD

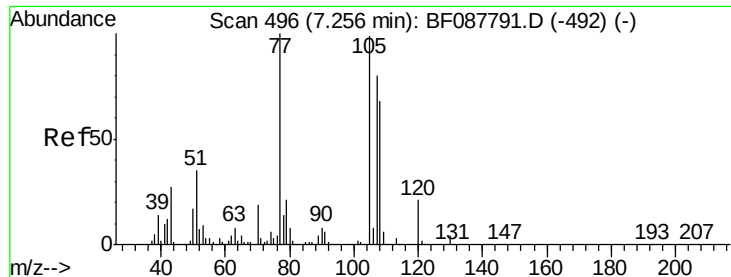
Tgt Ion:107 Resp: 277057
Ion Ratio Lower Upper
107 100
108 96.0 67.8 107.8
77 47.5 59.3 99.3#
79 27.9 7.0 47.0



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.07 min Scan# 567
Delta R.T. -0.01 min
Lab File: BF088035.D
Acq: 15 Jun 2016 9:11

Tgt Ion:136 Resp: 451437
Ion Ratio Lower Upper
136 100
137 11.4 9.1 13.7
54 8.4 6.6 10.0
68 6.9 5.1 7.7





#22

Acetophenone

Concen: 37.76 ng

RT: 7.20 min Scan# 491

Delta R.T. -0.01 min

Lab File: BF088035.D

Acq: 15 Jun 2016 9:11

Instrument :

BNA_F

ClientSampleId :

HSR-WC-50-060616MSD

Tgt Ion: 105 Resp: 380974

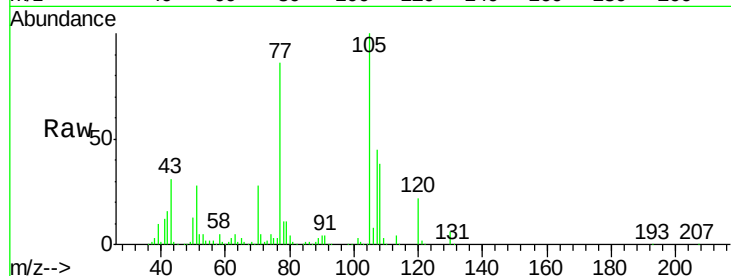
Ion Ratio Lower Upper

105 100

71 4.7 5.3 7.9#

51 27.8 18.2 27.4#

120 22.4 18.0 27.0

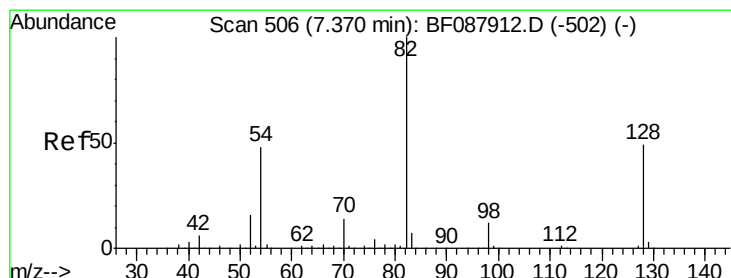
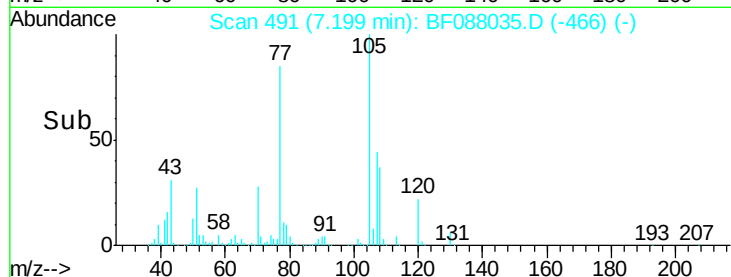
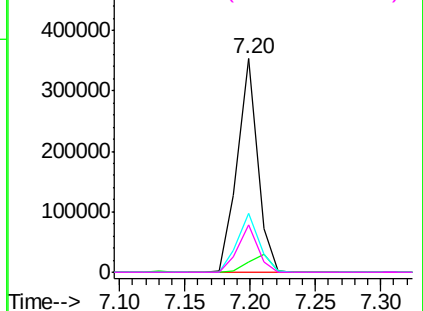


Abundance Ion 105.00 (104.70 to 105.70): E

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: 75.53 ng

RT: 7.35 min Scan# 504

Delta R.T. -0.01 min

Lab File: BF088035.D

Acq: 15 Jun 2016 9:11

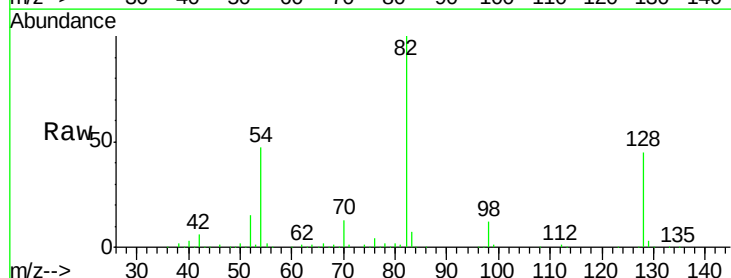
Tgt Ion: 82 Resp: 583889

Ion Ratio Lower Upper

82 100

128 45.2 35.9 53.9

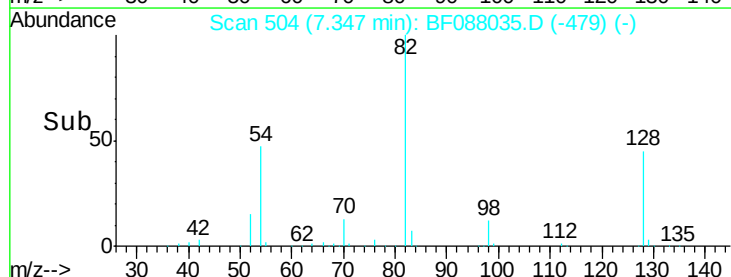
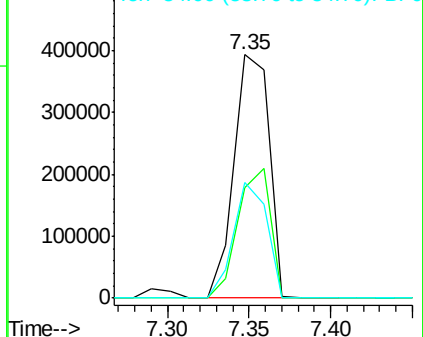
54 47.3 40.9 61.3

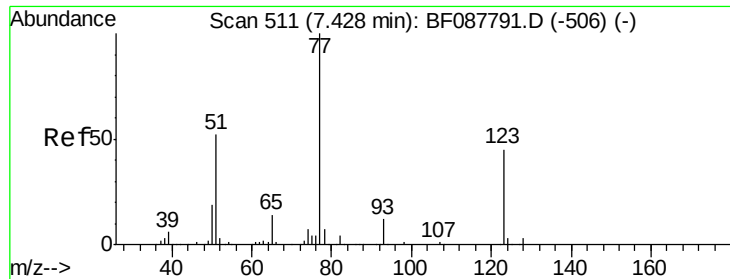


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#24

Nitrobenzene

Concen: 39.70 ng

RT: 7.37 min Scan# 506

Delta R.T. -0.01 min

Lab File: BF088035.D

Acq: 15 Jun 2016 9:11

Instrument :

BNA_F

ClientSampleId :

HSR-WC-50-060616MSD

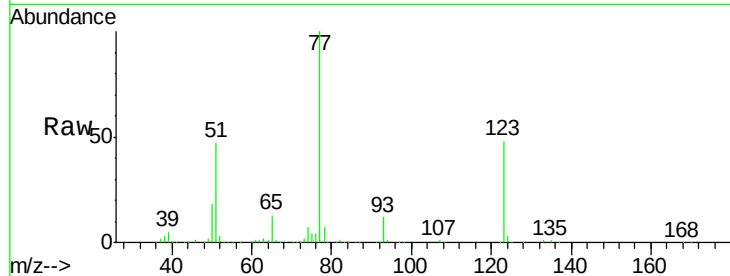
Tgt Ion: 77 Resp: 297333

Ion Ratio Lower Upper

77 100

123 47.6 45.0 67.4

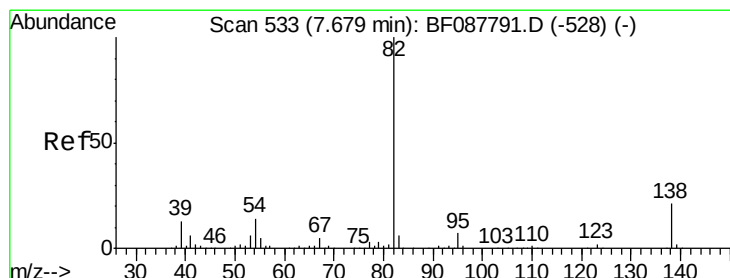
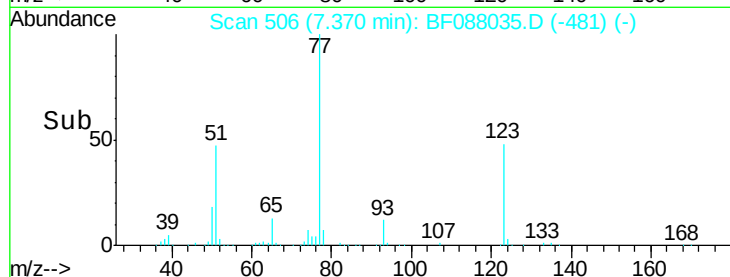
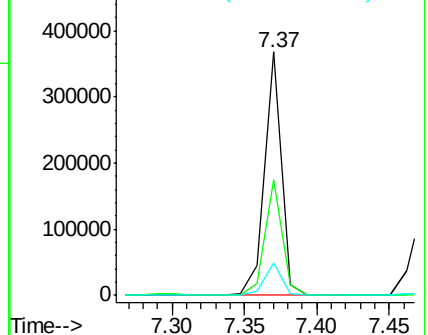
65 13.1 10.2 15.2



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0



#25

Isophorone

Concen: 38.85 ng

RT: 7.61 min Scan# 527

Delta R.T. -0.01 min

Lab File: BF088035.D

Acq: 15 Jun 2016 9:11

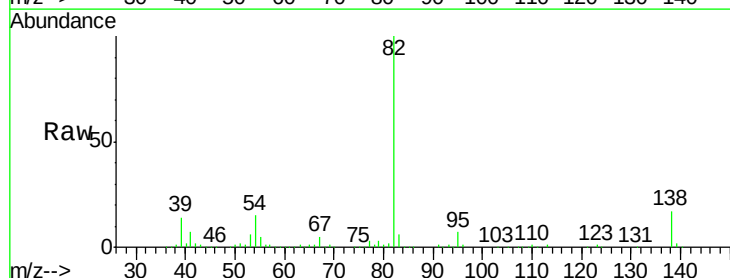
Tgt Ion: 82 Resp: 556321

Ion Ratio Lower Upper

82 100

95 6.8 5.4 8.2

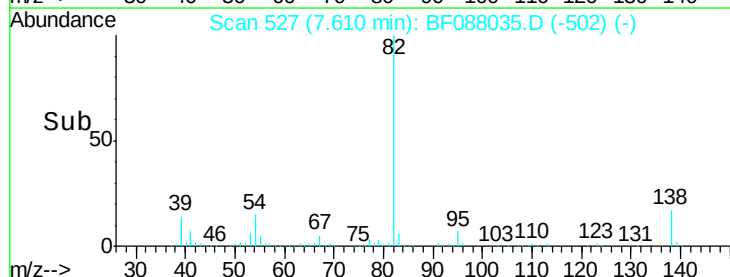
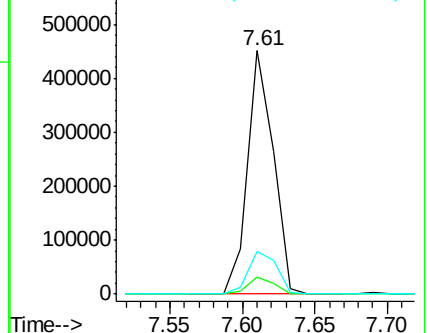
138 17.4 14.6 21.8

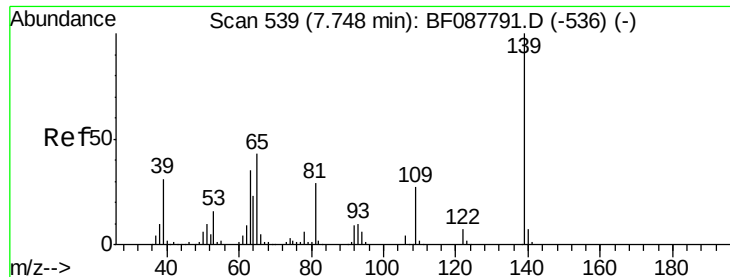


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0

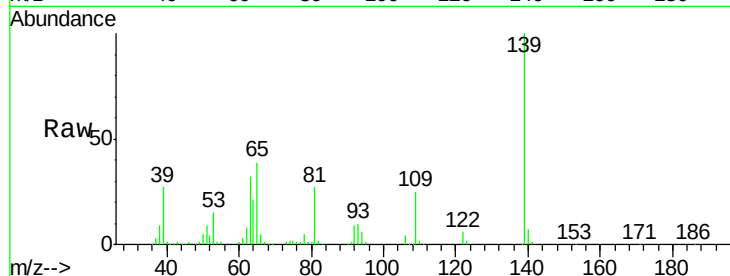




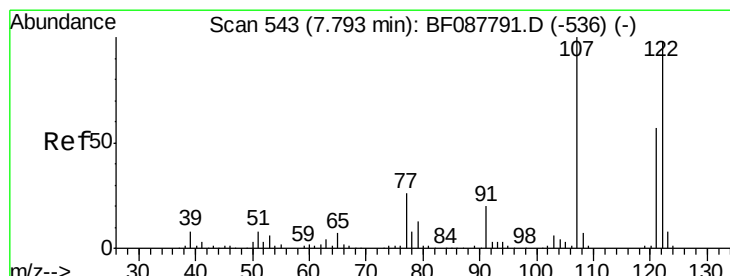
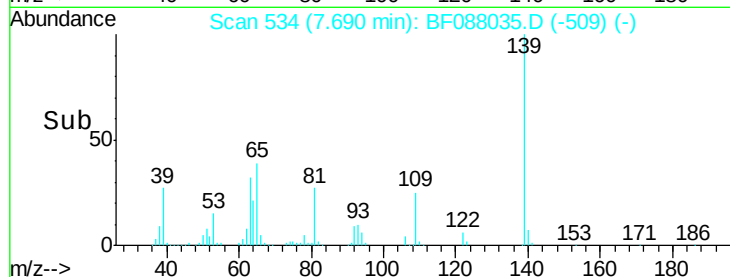
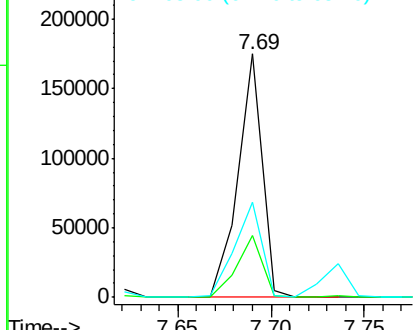
#26
2-Nitrophenol
Concen: 39.79 ng
RT: 7.69 min Scan# 534
Delta R.T. -0.01 min
Lab File: BF088035.D
Acq: 15 Jun 2016 9:11

Instrument :
BNA_F
ClientSampleId :
HSR-WC-50-060616MSD

Tgt Ion:139 Resp: 159608
Ion Ratio Lower Upper
139 100
109 25.5 23.0 34.4
65 39.0 45.8 68.8#

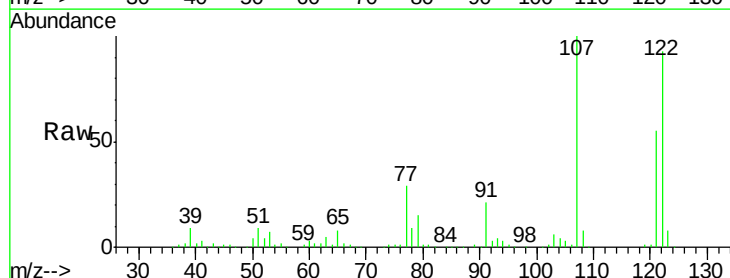


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

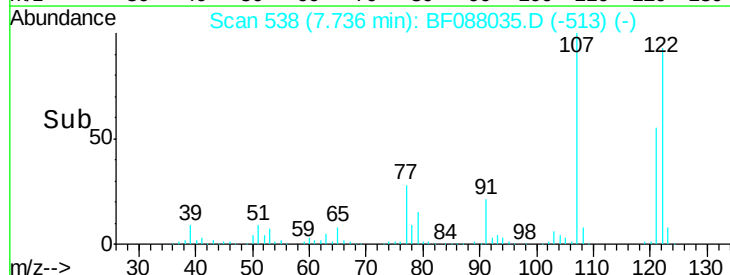
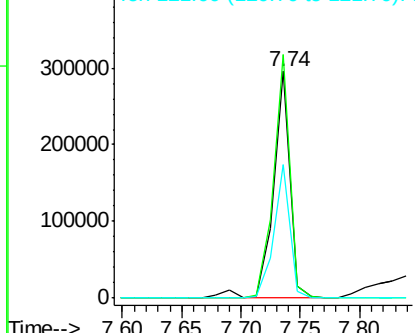


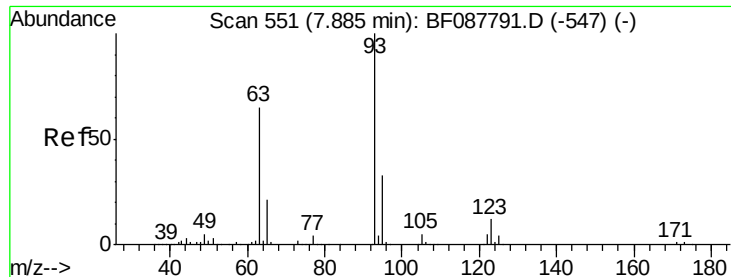
#27
2,4-Dimethylphenol
Concen: 39.28 ng
RT: 7.74 min Scan# 538
Delta R.T. -0.01 min
Lab File: BF088035.D
Acq: 15 Jun 2016 9:11

Tgt Ion:122 Resp: 290144
Ion Ratio Lower Upper
122 100
107 107.5 82.4 123.6
121 58.8 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

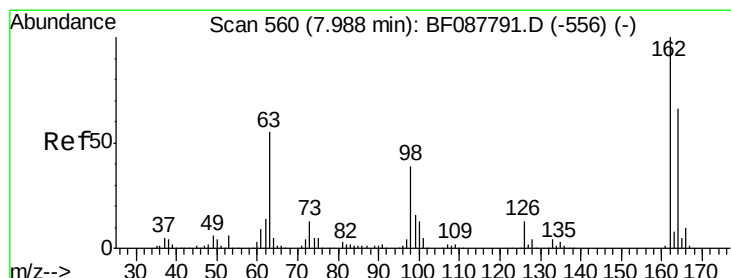
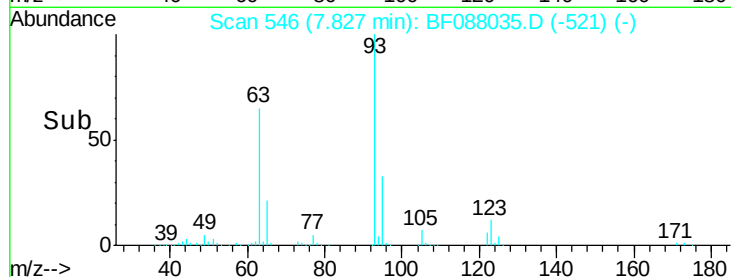
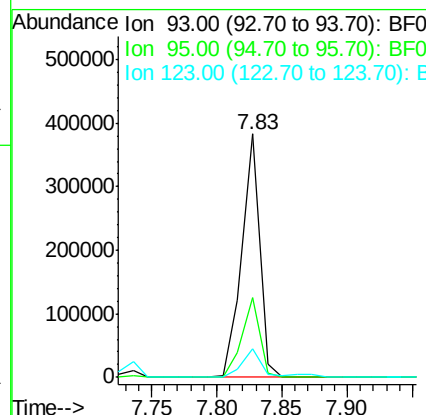
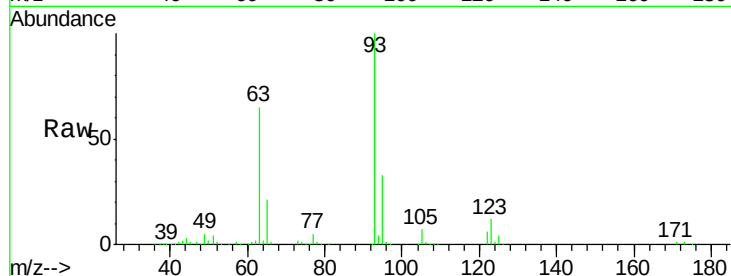




#28
bis(2-Chloroethoxy)methane
Concen: 41.01 ng
RT: 7.83 min Scan# 546
Delta R.T. -0.01 min
Lab File: BF088035.D
Acq: 15 Jun 2016 9:11

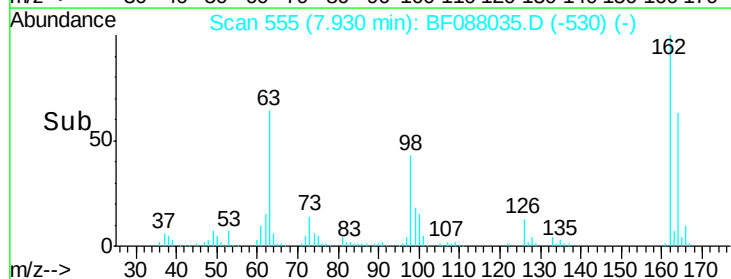
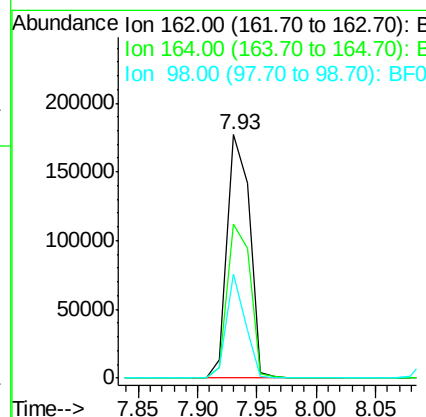
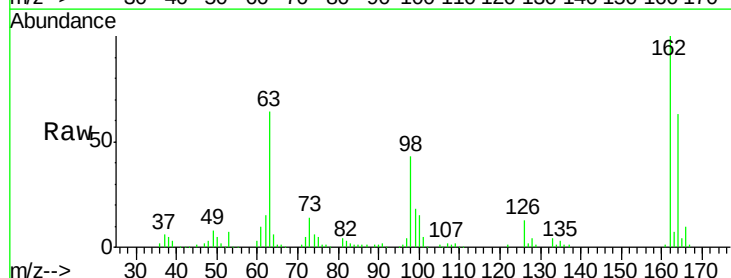
Instrument :
BNA_F
ClientSampleId :
HSR-WC-50-060616MSD

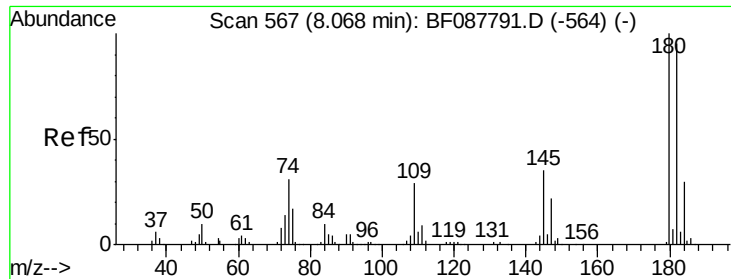
Tgt Ion: 93 Resp: 364236
Ion Ratio Lower Upper
93 100
95 32.6 26.5 39.7
123 11.6 11.6 17.4



#29
2,4-Dichlorophenol
Concen: 37.69 ng
RT: 7.93 min Scan# 555
Delta R.T. -0.01 min
Lab File: BF088035.D
Acq: 15 Jun 2016 9:11

Tgt Ion: 162 Resp: 232420
Ion Ratio Lower Upper
162 100
164 63.0 43.8 83.8
98 42.9 21.3 61.3

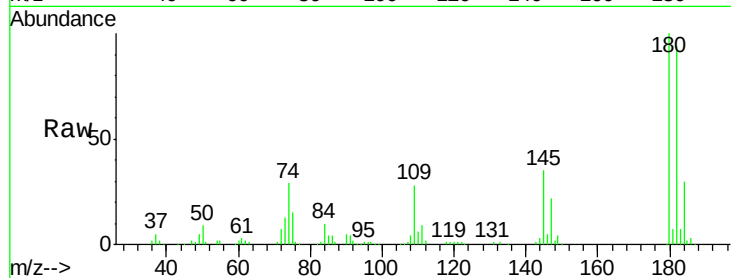




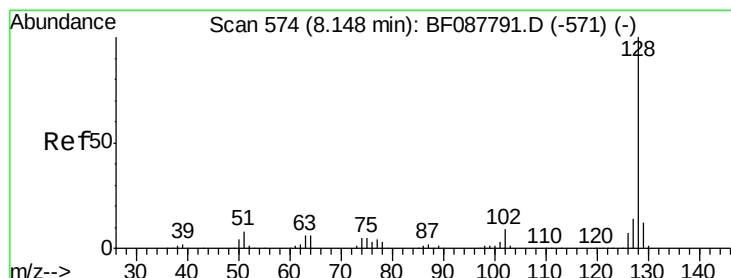
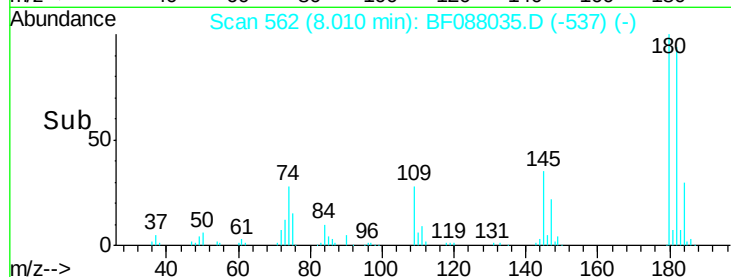
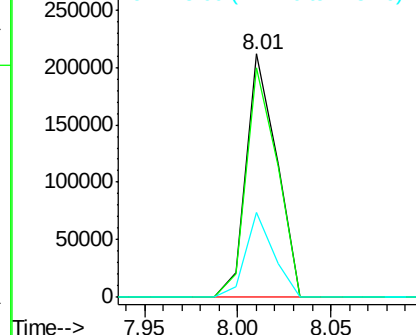
#30
1,2,4-Trichlorobenzene
Concen: 35.73 ng
RT: 8.01 min Scan# 562
Delta R.T. -0.01 min
Lab File: BF088035.D
Acq: 15 Jun 2016 9:11

Instrument :
BNA_F
ClientSampleId :
HSR-WC-50-060616MSD

Tgt Ion:180 Resp: 239943
Ion Ratio Lower Upper
180 100
182 94.0 76.0 114.0
145 34.7 26.5 39.7

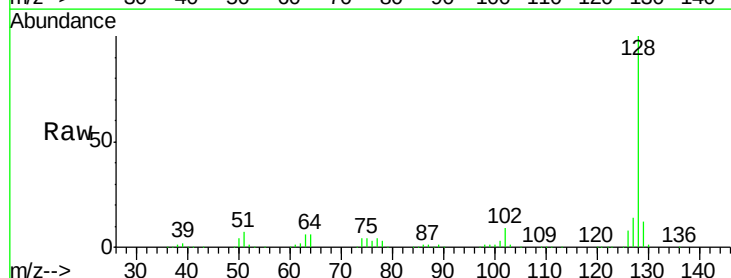


Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E

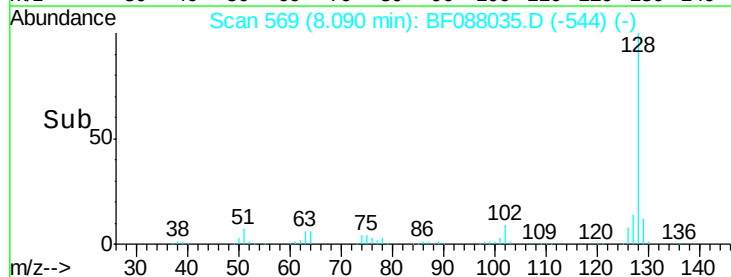
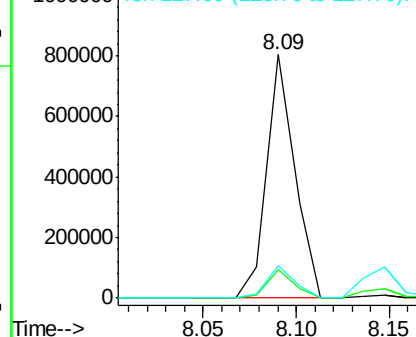


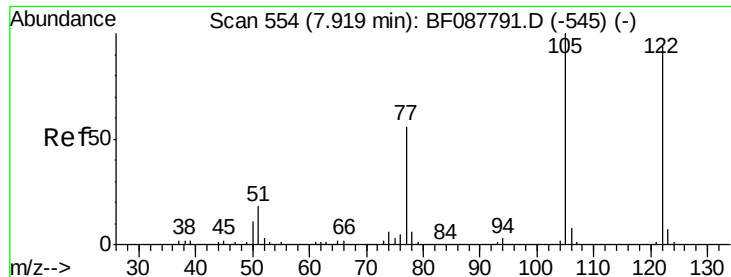
#31
Naphthalene
Concen: 37.42 ng
RT: 8.09 min Scan# 569
Delta R.T. -0.01 min
Lab File: BF088035.D
Acq: 15 Jun 2016 9:11

Tgt Ion:128 Resp: 835880
Ion Ratio Lower Upper
128 100
129 11.7 9.4 14.2
127 13.5 10.9 16.3



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

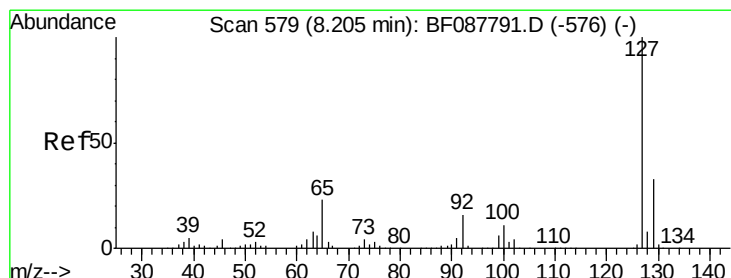
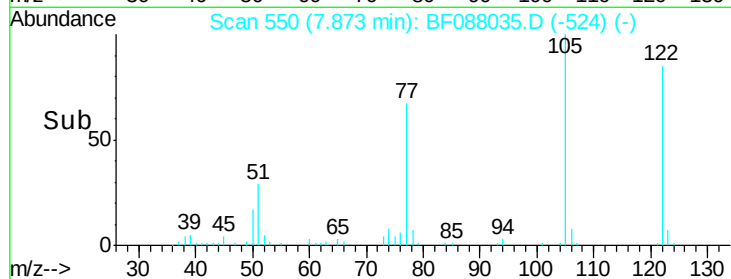
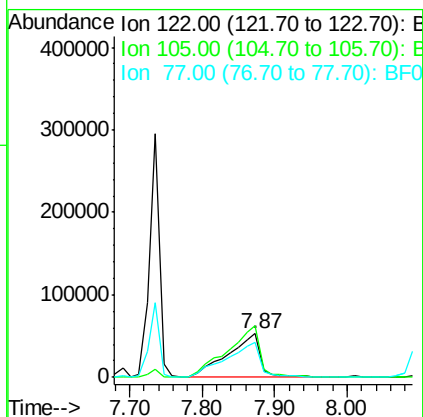
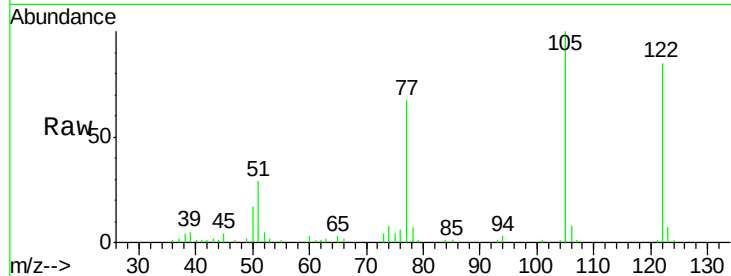




#32
Benzoic acid
Concen: 40.16 ng
RT: 7.87 min Scan# 550
Delta R.T. -0.00 min
Lab File: BF088035.D
Acq: 15 Jun 2016 9:11

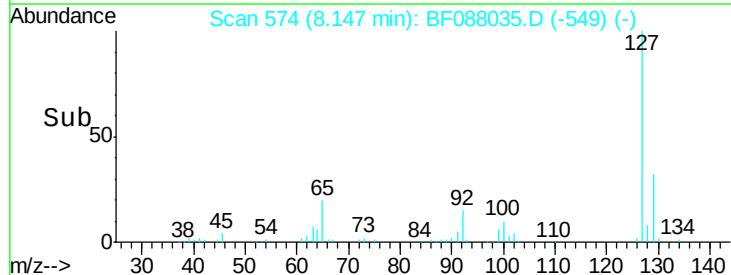
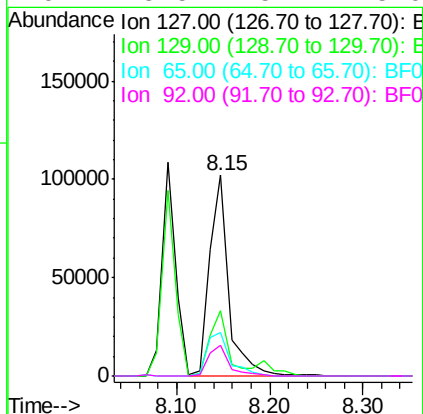
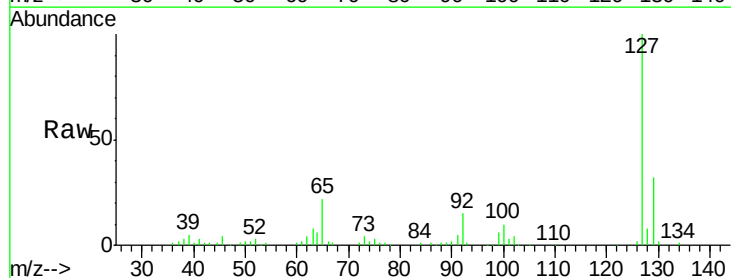
Instrument :
BNA_F
ClientSampleId :
HSR-WC-50-060616MSD

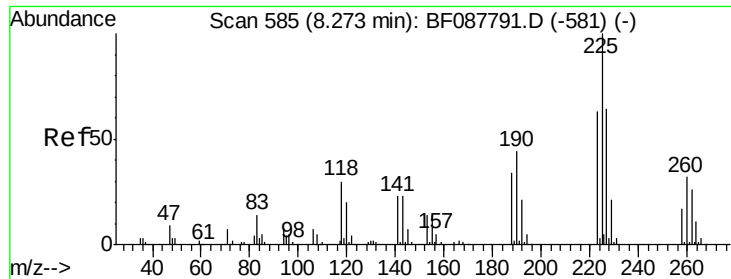
Tgt Ion:122 Resp: 163321
Ion Ratio Lower Upper
122 100
105 117.8 101.6 141.6
77 79.1 70.6 110.6



#33
4-Chloroaniline
Concen: 14.50 ng
RT: 8.15 min Scan# 574
Delta R.T. -0.01 min
Lab File: BF088035.D
Acq: 15 Jun 2016 9:11

Tgt Ion:127 Resp: 144690
Ion Ratio Lower Upper
127 100
129 32.3 26.3 39.5
65 21.8 24.7 37.1#
92 15.5 15.4 23.0





#34

Hexachlorobutadiene

Concen: 38.88 ng

RT: 8.22 min Scan# 580

Delta R.T. -0.01 min

Lab File: BF088035.D

Acq: 15 Jun 2016 9:11

Instrument :

BNA_F

ClientSampleId :

HSR-WC-50-060616MSD

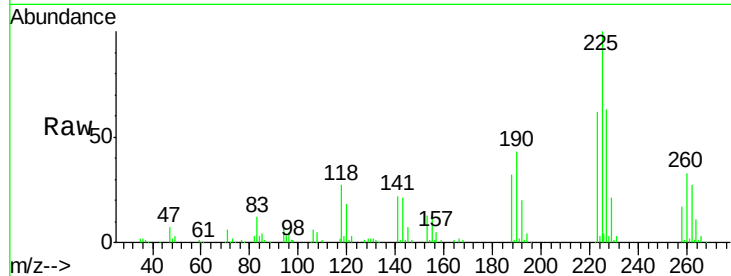
Tgt Ion: 225 Resp: 137693

Ion Ratio Lower Upper

225 100

223 62.3 50.9 76.3

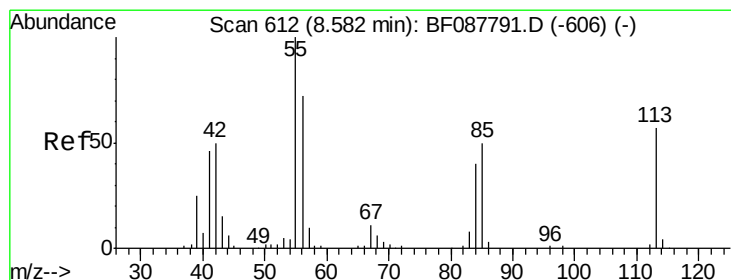
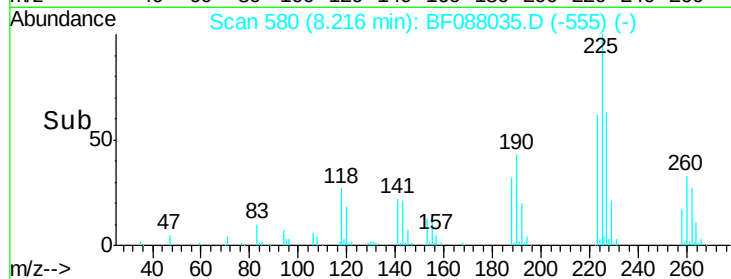
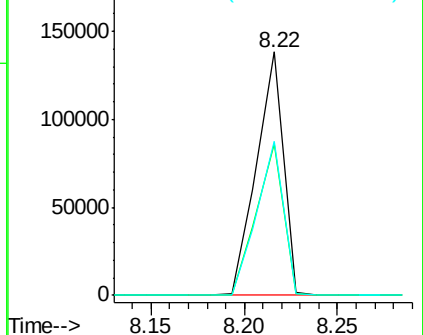
227 63.1 51.9 77.9



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: 34.49 ng

RT: 8.52 min Scan# 607

Delta R.T. -0.01 min

Lab File: BF088035.D

Acq: 15 Jun 2016 9:11

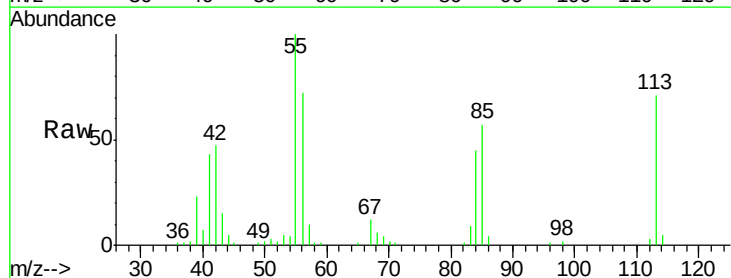
Tgt Ion: 113 Resp: 70445

Ion Ratio Lower Upper

113 100

55 140.0 158.6 198.6#

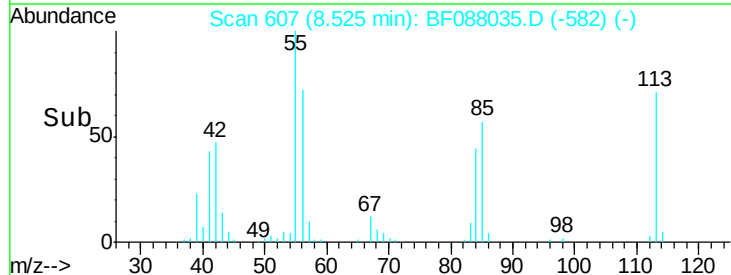
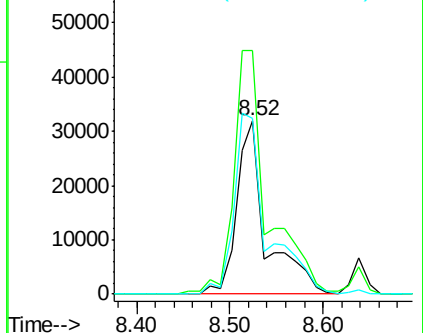
56 100.8 110.6 150.6#

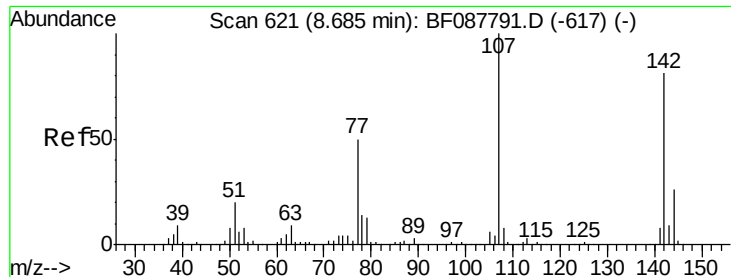


Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0

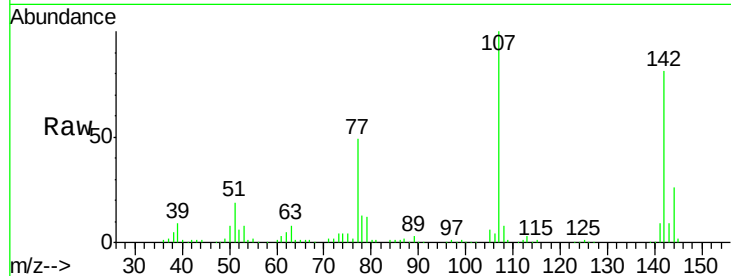




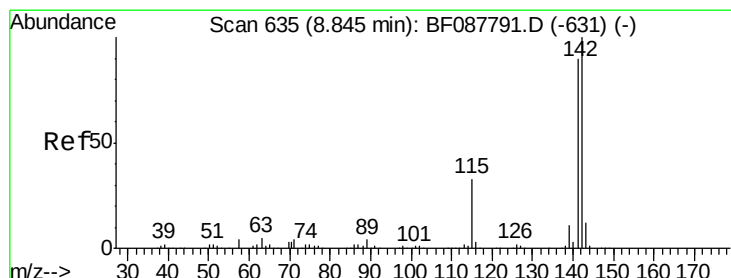
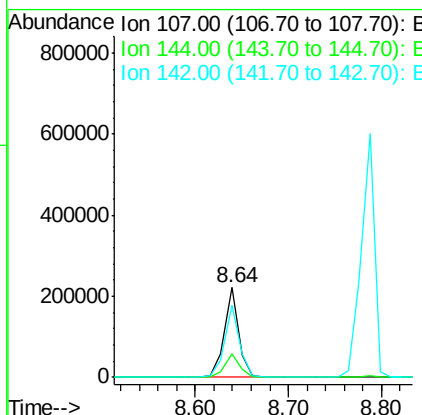
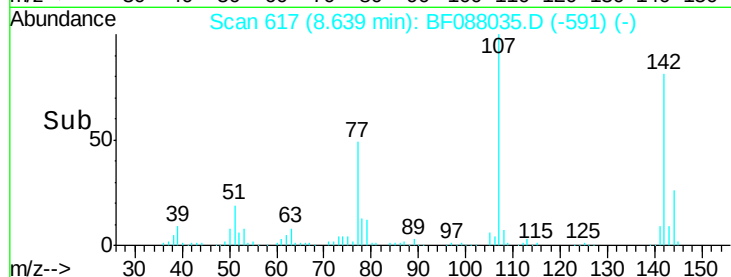
#36
4-Chloro-3-methylphenol
Concen: 36.13 ng
RT: 8.64 min Scan# 617
Delta R.T. -0.00 min
Lab File: BF088035.D
Acq: 15 Jun 2016 9:11

Instrument :
BNA_F
ClientSampleId :
HSR-WC-50-060616MSD

Tgt Ion	Ratio	Lower	Upper
107	100		
144	25.9	20.8	31.2
142	80.7	63.4	95.2

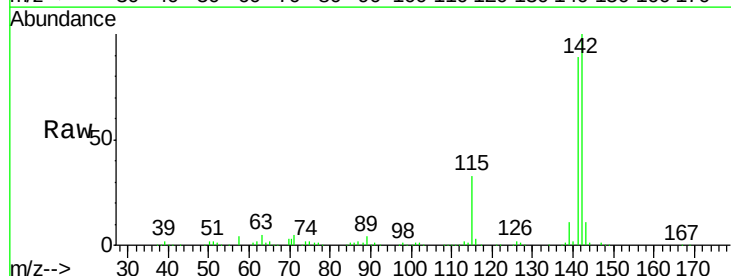


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 144.00 (143.70 to 144.70): E
Ion 142.00 (141.70 to 142.70): E

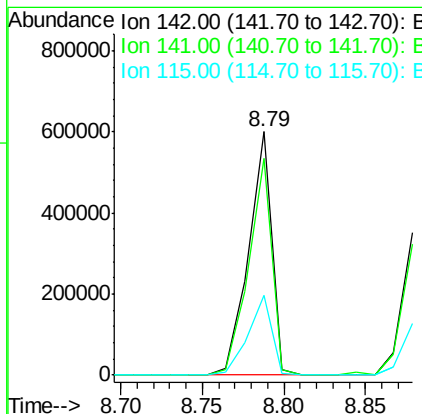
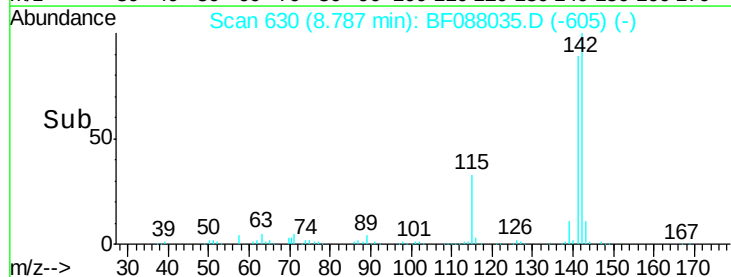


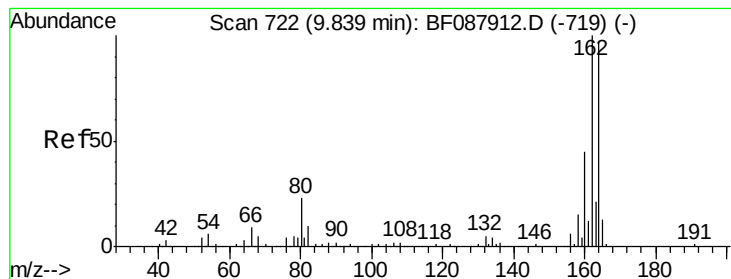
#37
2-Methylnaphthalene
Concen: 40.30 ng
RT: 8.79 min Scan# 630
Delta R.T. -0.01 min
Lab File: BF088035.D
Acq: 15 Jun 2016 9:11

Tgt Ion	Ratio	Lower	Upper
142	100		
141	88.9	71.0	106.6
115	32.5	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: 9.83 min Scan# 721

Delta R.T. -0.01 min

Lab File: BF088035.D

Acq: 15 Jun 2016 9:11

Instrument :

BNA_F

ClientSampleId :

HSR-WC-50-060616MSD

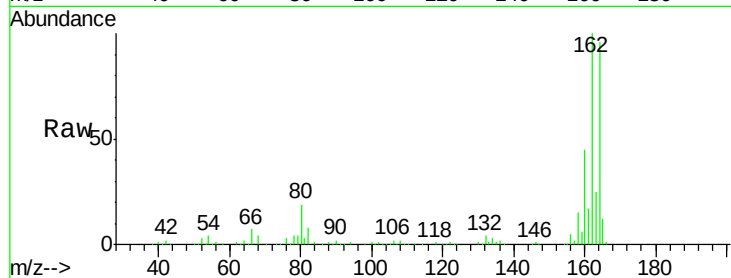
Tgt Ion:164 Resp: 211474

Ion Ratio Lower Upper

164 100

162 104.4 85.4 128.2

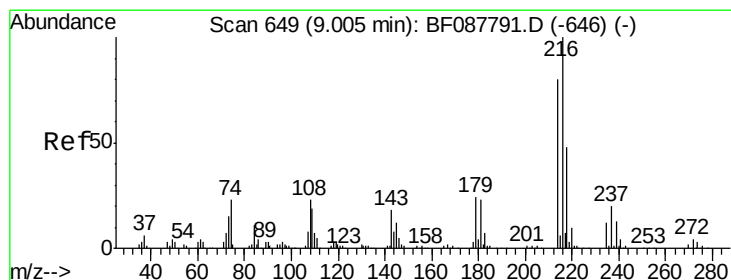
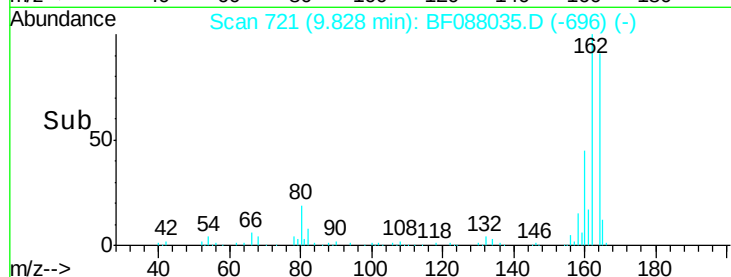
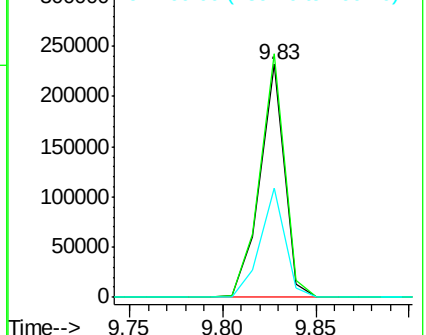
160 46.9 39.5 59.3



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: 40.95 ng

RT: 8.95 min Scan# 644

Delta R.T. -0.01 min

Lab File: BF088035.D

Acq: 15 Jun 2016 9:11

Tgt Ion:216 Resp: 232326

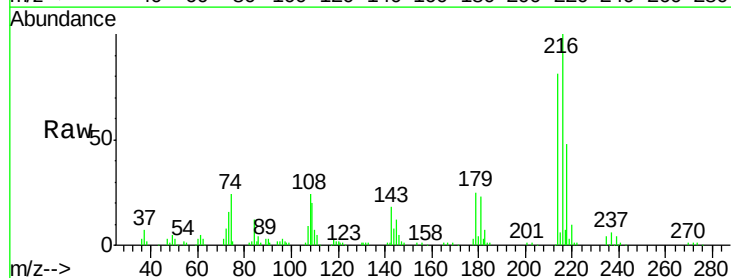
Ion Ratio Lower Upper

216 100

214 79.5 2.9 4.3#

179 21.6 0.0 0.0#

108 18.5 0.5 0.7#

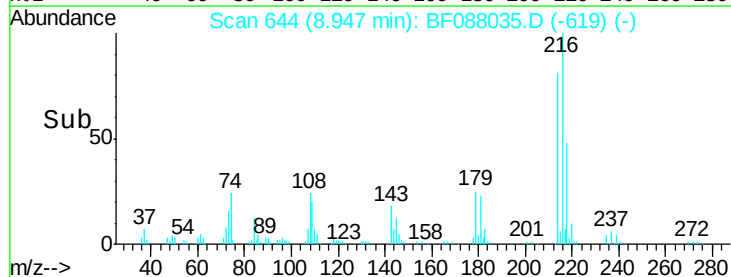
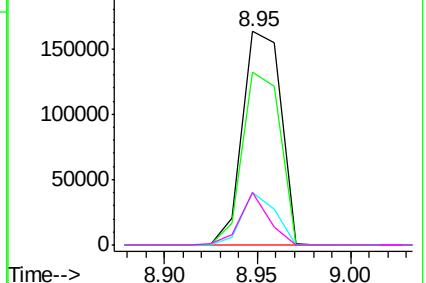


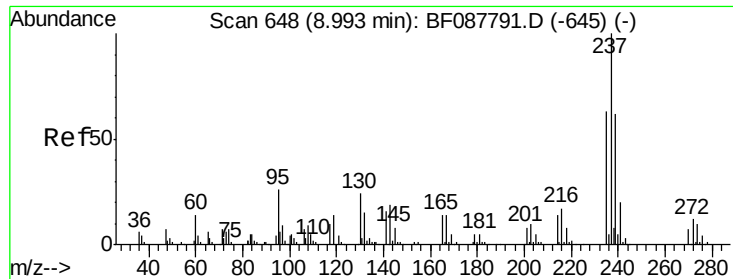
Abundance Ion 216.00 (215.70 to 216.70): E

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

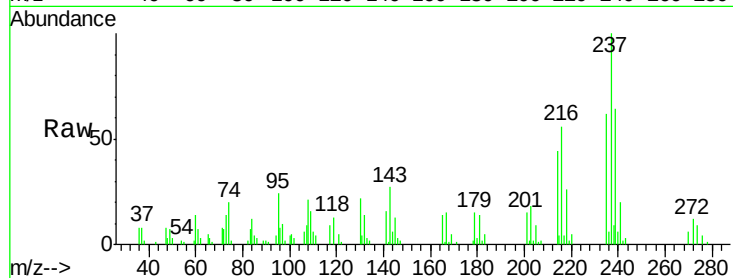




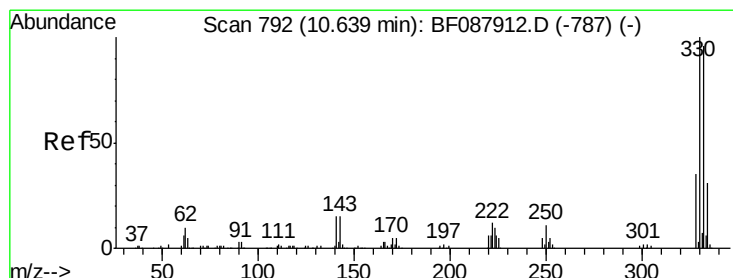
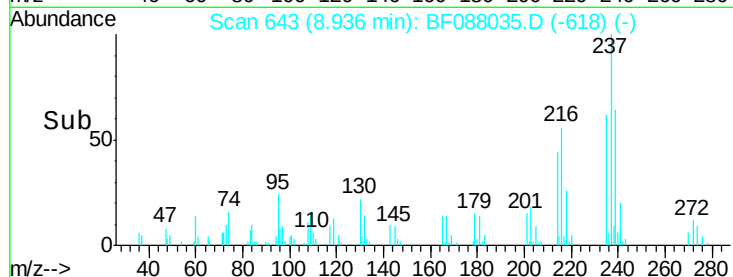
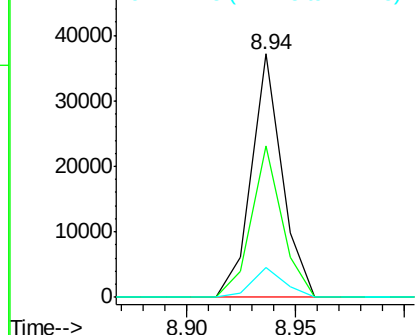
#40
Hexachlorocyclopentadiene
Concen: 10.69 ng
RT: 8.94 min Scan# 643
Delta R.T. -0.01 min
Lab File: BF088035.D
Acq: 15 Jun 2016 9:11

Instrument :
BNA_F
ClientSampleId :
HSR-WC-50-060616MSD

Tgt Ion: 237 Resp: 36473
Ion Ratio Lower Upper
237 100
235 62.4 43.4 83.4
272 12.4 0.0 32.3

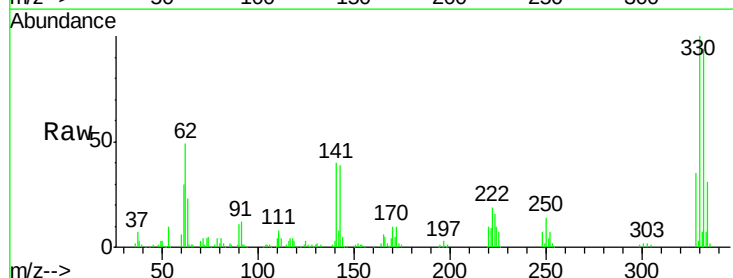


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

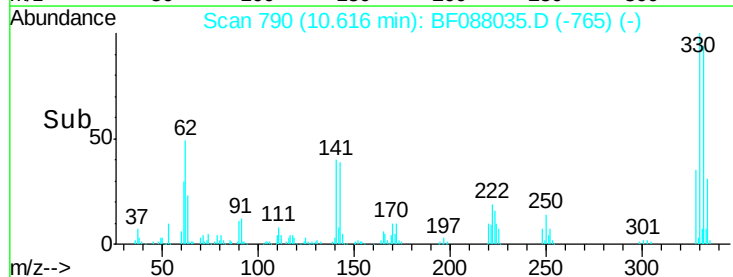
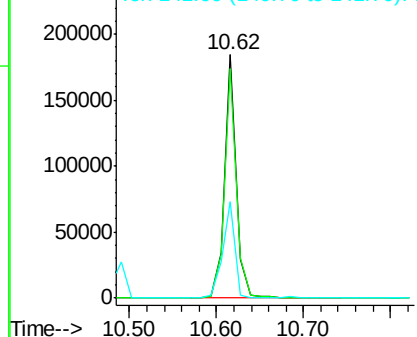


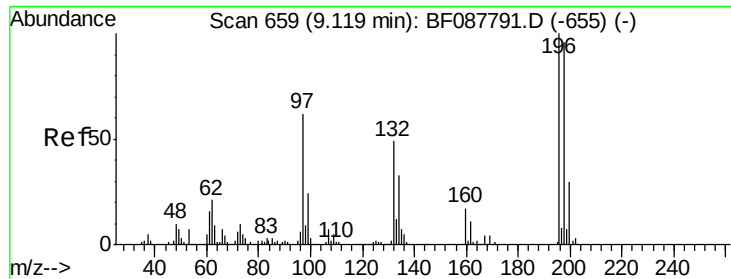
#41
2,4,6-Tribromophenol
Concen: 78.71 ng
RT: 10.62 min Scan# 790
Delta R.T. -0.01 min
Lab File: BF088035.D
Acq: 15 Jun 2016 9:11

Tgt Ion: 330 Resp: 175753
Ion Ratio Lower Upper
330 100
332 95.5 0.0 0.0#
141 41.7 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

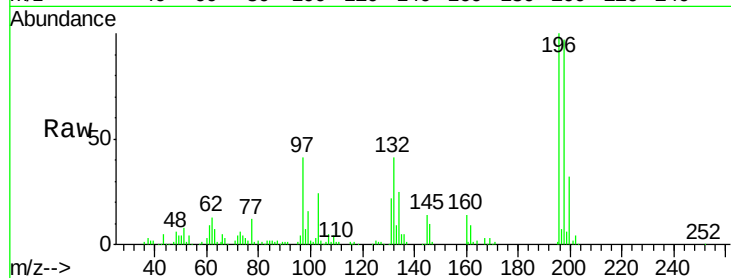




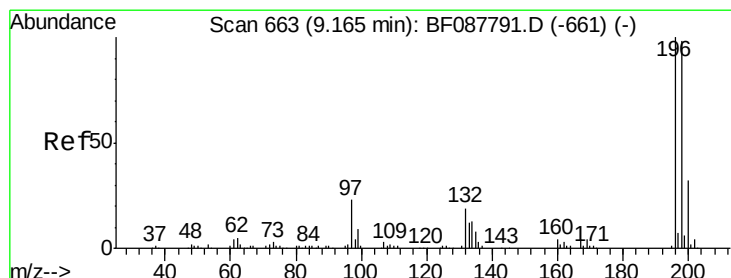
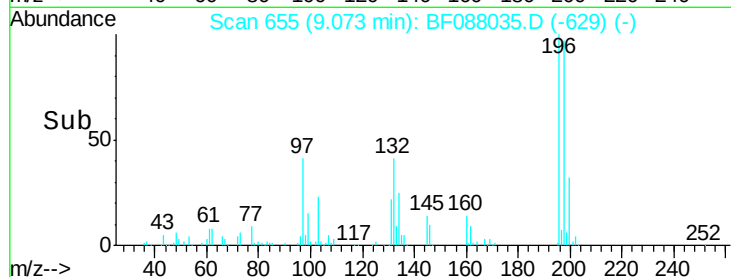
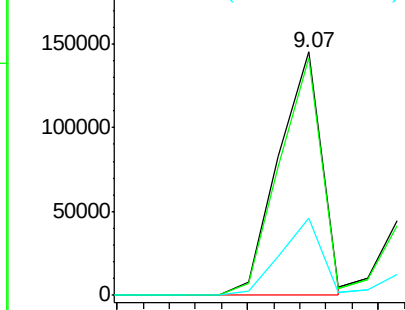
#42
 2,4,6-Trichlorophenol
 Concen: 38.97 ng
 RT: 9.07 min Scan# 655
 Delta R.T. -0.00 min
 Lab File: BF088035.D
 Acq: 15 Jun 2016 9:11

Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-50-060616MSD

Tgt Ion:196 Resp: 164800
 Ion Ratio Lower Upper
 196 100
 198 97.2 78.0 117.0
 200 31.7 25.4 38.2

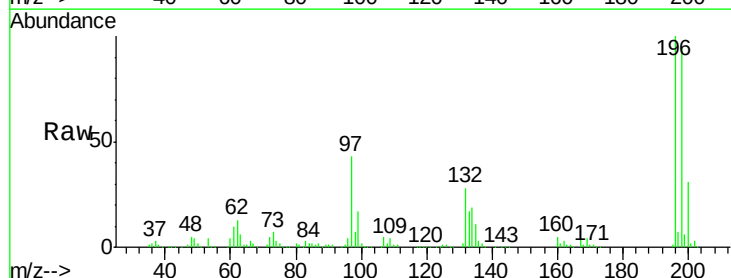


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

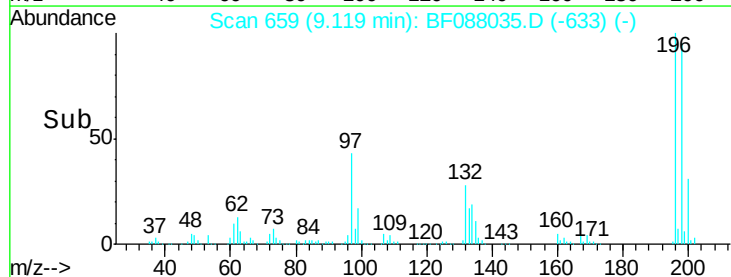
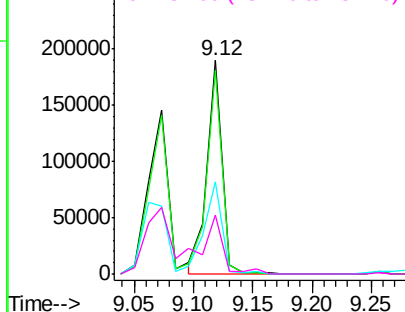


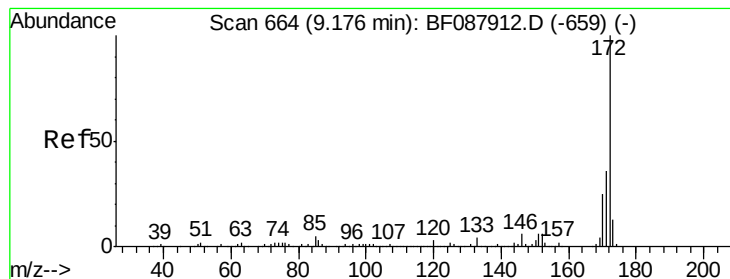
#43
 2,4,5-Trichlorophenol
 Concen: 38.45 ng
 RT: 9.12 min Scan# 659
 Delta R.T. -0.00 min
 Lab File: BF088035.D
 Acq: 15 Jun 2016 9:11

Tgt Ion:196 Resp: 169160
 Ion Ratio Lower Upper
 196 100
 198 95.5 77.5 116.3
 97 43.3 32.0 48.0
 132 27.7 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: 70.24 ng

RT: 9.15 min Scan# 662

Delta R.T. -0.01 min

Lab File: BF088035.D

Acq: 15 Jun 2016 9:11

Instrument :

BNA_F

ClientSampleId :

HSR-WC-50-060616MSD

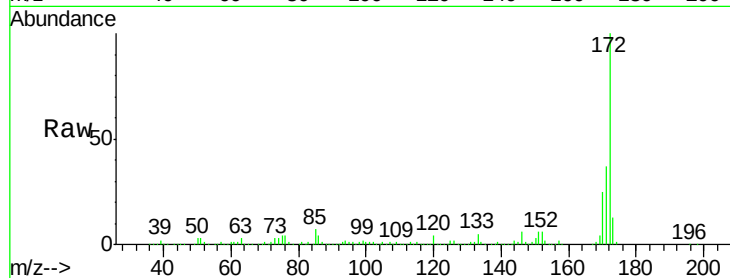
Tgt Ion:172 Resp: 958524

Ion Ratio Lower Upper

172 100

171 36.6 28.6 43.0

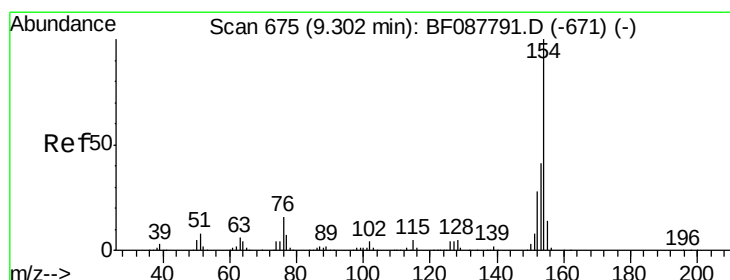
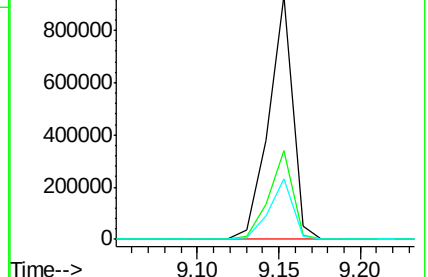
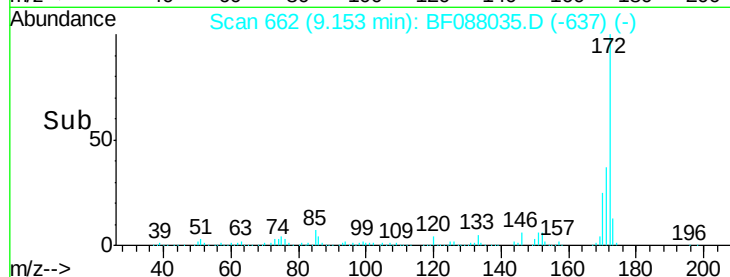
170 24.8 19.2 28.8



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: 44.99 ng

RT: 9.26 min Scan# 671

Delta R.T. -0.01 min

Lab File: BF088035.D

Acq: 15 Jun 2016 9:11

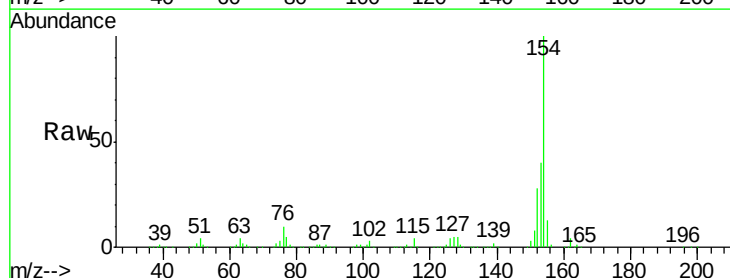
Tgt Ion:154 Resp: 714119

Ion Ratio Lower Upper

154 100

153 40.2 20.6 60.6

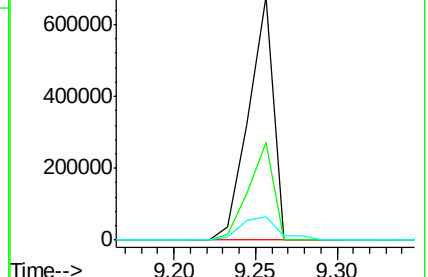
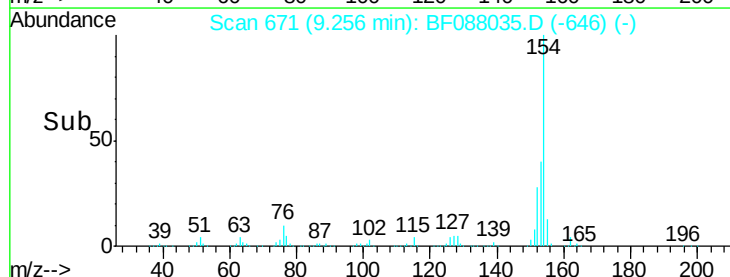
76 9.8 0.0 35.1

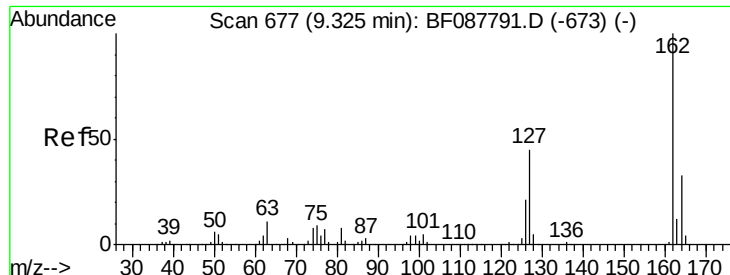


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0

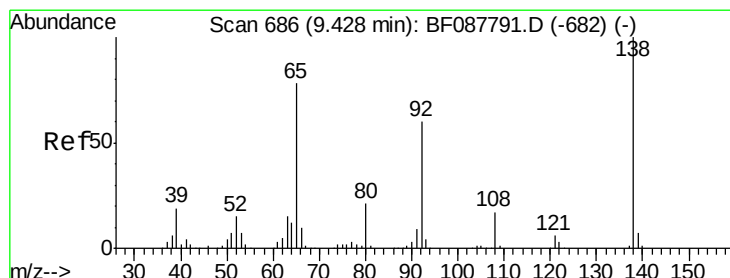
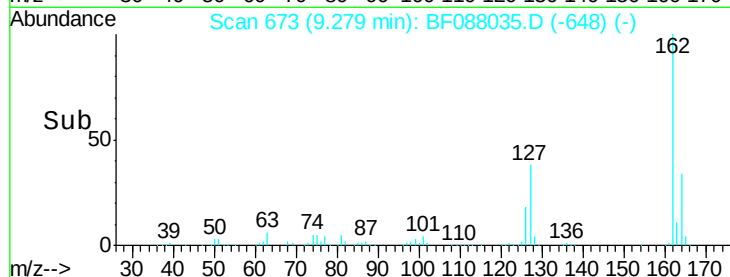
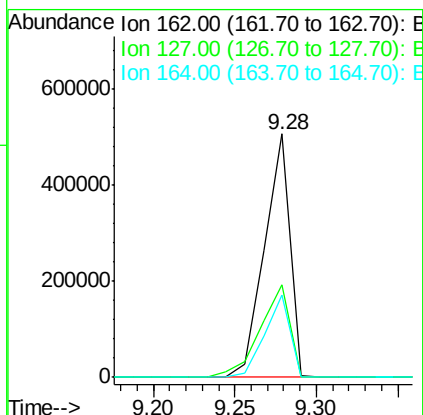
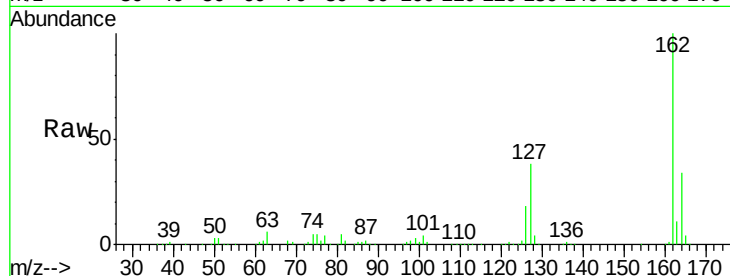




#46
 2-Chloronaphthalene
 Concen: 40.15 ng
 RT: 9.28 min Scan# 673
 Delta R.T. -0.01 min
 Lab File: BF088035.D
 Acq: 15 Jun 2016 9:11

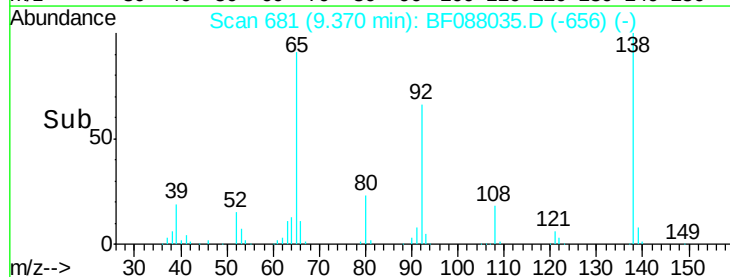
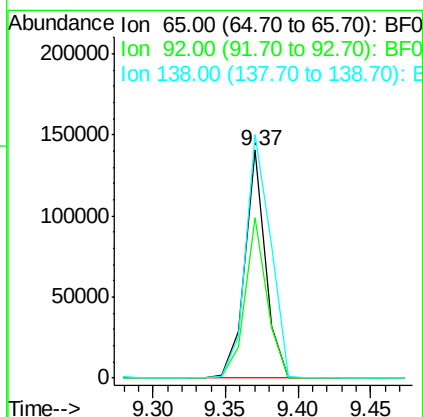
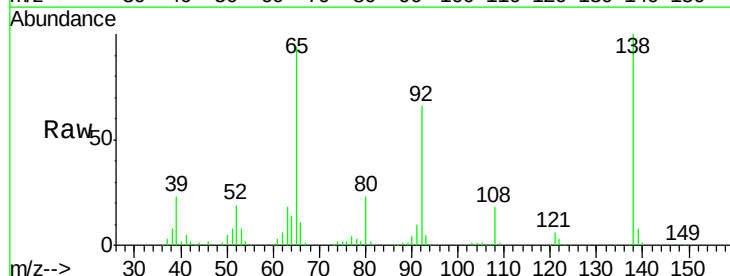
Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-50-060616MSD

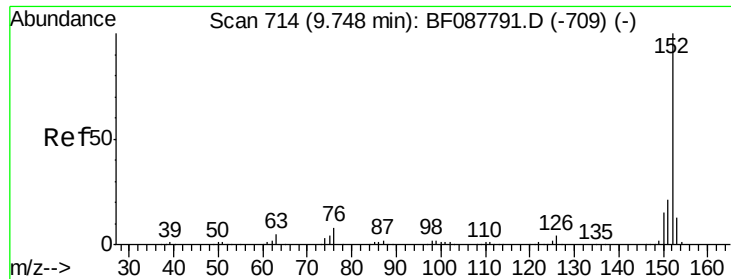
Tgt Ion: 162 Resp: 549472
 Ion Ratio Lower Upper
 162 100
 127 37.9 35.2 52.8
 164 33.6 26.6 39.8



#47
 2-Nitroaniline
 Concen: 34.71 ng
 RT: 9.37 min Scan# 681
 Delta R.T. -0.01 min
 Lab File: BF088035.D
 Acq: 15 Jun 2016 9:11

Tgt Ion: 65 Resp: 140113
 Ion Ratio Lower Upper
 65 100
 92 70.6 54.6 82.0
 138 106.9 77.0 115.4





#48

Acenaphthylene

Concen: 38.16 ng

RT: 9.69 min Scan# 709

Delta R.T. -0.01 min

Lab File: BF088035.D

Acq: 15 Jun 2016 9:11

Instrument :

BNA_F

ClientSampleId :

HSR-WC-50-060616MSD

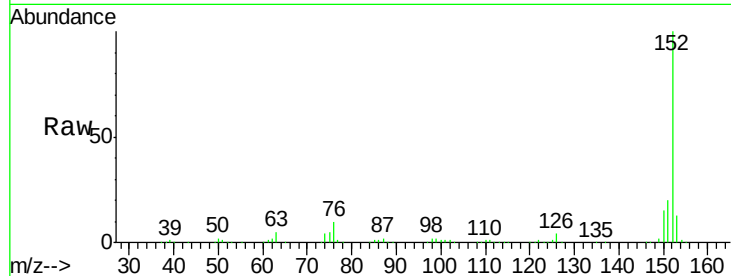
Tgt Ion:152 Resp: 830668

Ion Ratio Lower Upper

152 100

151 20.4 16.2 24.4

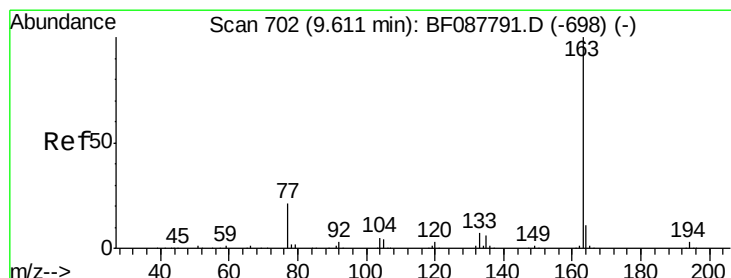
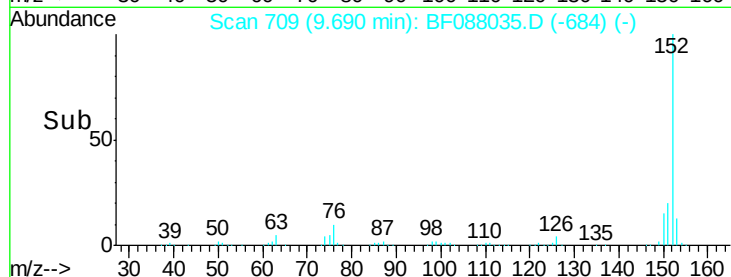
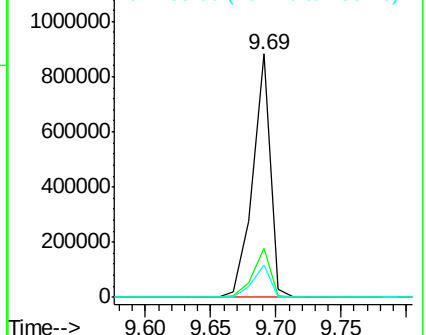
153 13.3 11.0 16.6



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#49

Dimethylphthalate

Concen: 43.57 ng

RT: 9.56 min Scan# 698

Delta R.T. -0.00 min

Lab File: BF088035.D

Acq: 15 Jun 2016 9:11

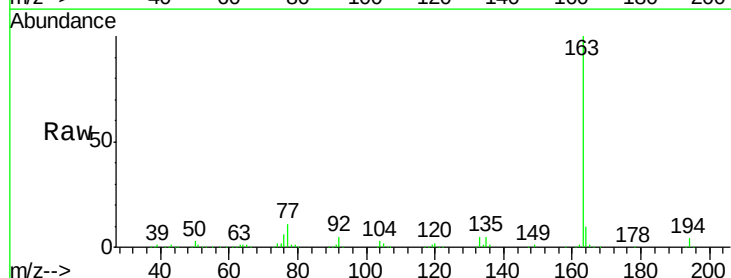
Tgt Ion:163 Resp: 667496

Ion Ratio Lower Upper

163 100

194 3.9 2.8 4.2

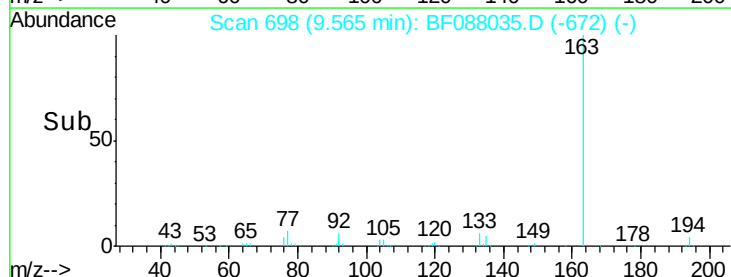
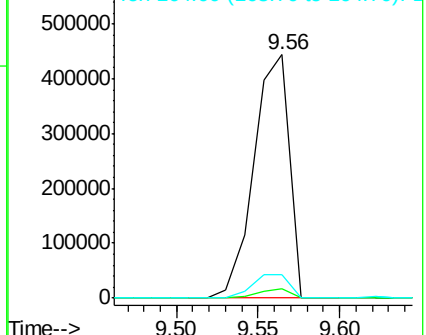
164 9.6 8.3 12.5

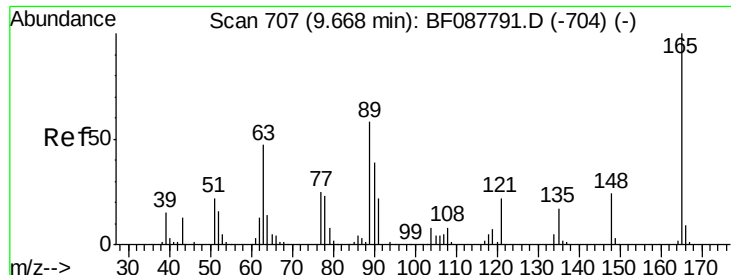


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

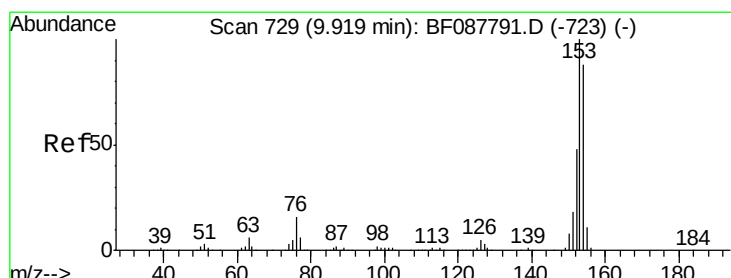
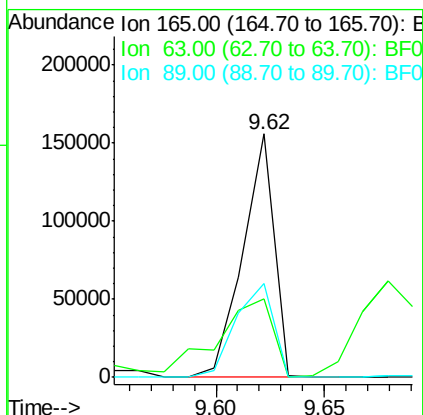
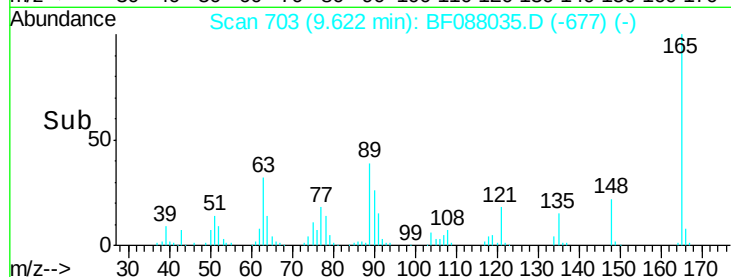
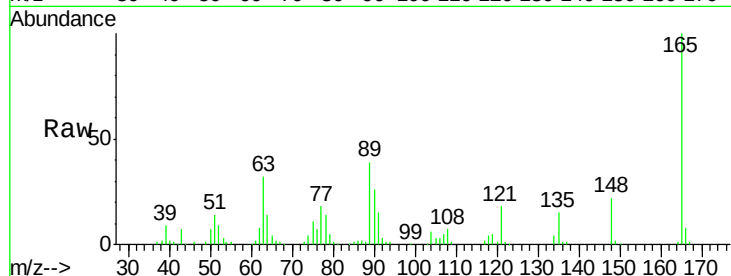




#50
2,6-Dinitrotoluene
Concen: 44.37 ng
RT: 9.62 min Scan# 703
Delta R.T. -0.00 min
Lab File: BF088035.D
Acq: 15 Jun 2016 9:11

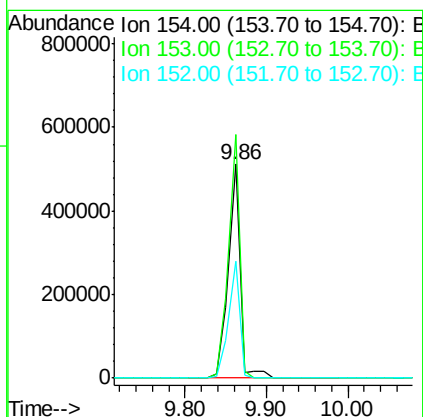
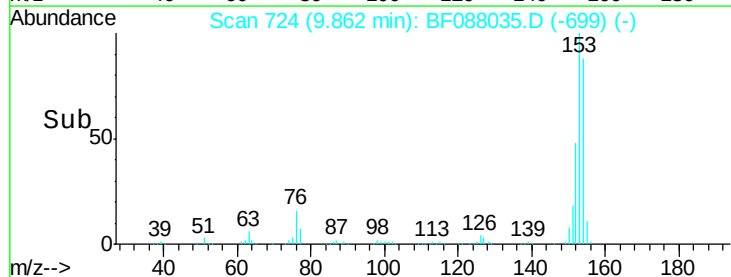
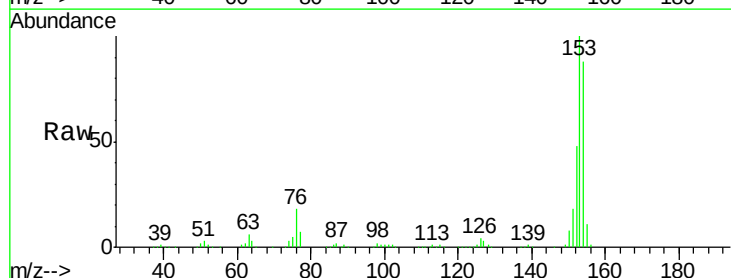
Instrument :
BNA_F
ClientSampleId :
HSR-WC-50-060616MSD

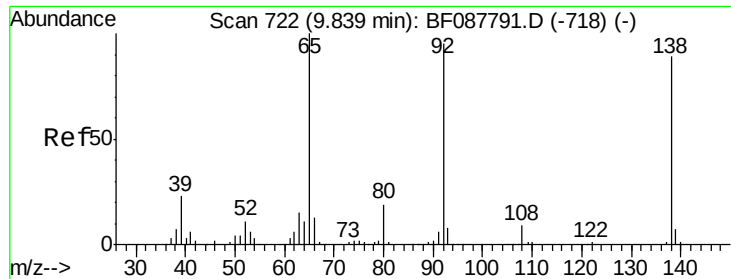
Tgt Ion	Ratio	Resp	Lower	Upper
165	100	155658		
63	32.5	28.1	42.1	
89	38.7	32.2	48.2	



#51
Acenaphthene
Concen: 37.57 ng
RT: 9.86 min Scan# 724
Delta R.T. -0.01 min
Lab File: BF088035.D
Acq: 15 Jun 2016 9:11

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	510219		
153	114.0	89.5	134.3	
152	54.5	42.7	64.1	

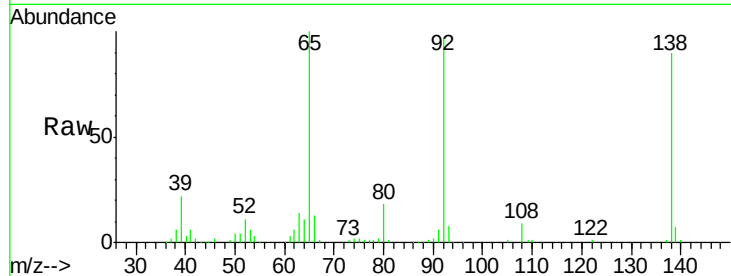




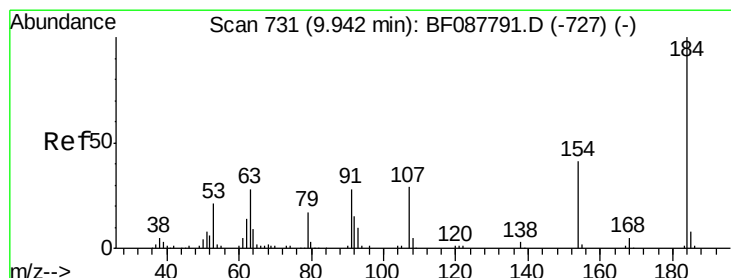
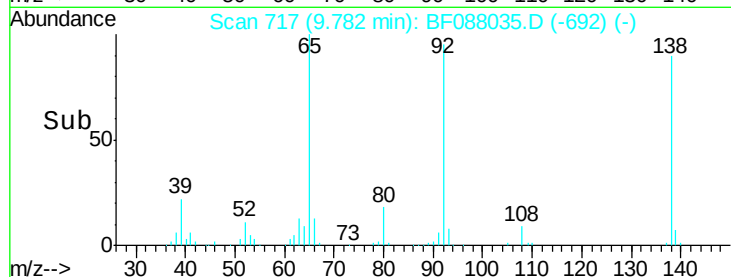
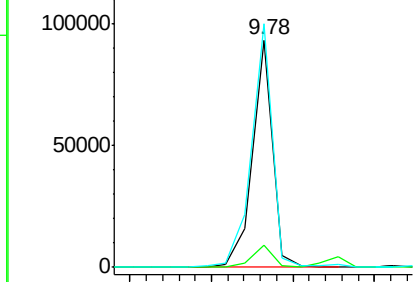
#52
 3-Nitroaniline
 Concen: 19.64 ng
 RT: 9.78 min Scan# 717
 Delta R.T. -0.01 min
 Lab File: BF088035.D
 Acq: 15 Jun 2016 9:11

Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-50-060616MSD

Tgt Ion:138 Resp: 79504
 Ion Ratio Lower Upper
 138 100
 108 9.5 8.5 12.7
 92 107.2 95.7 143.5

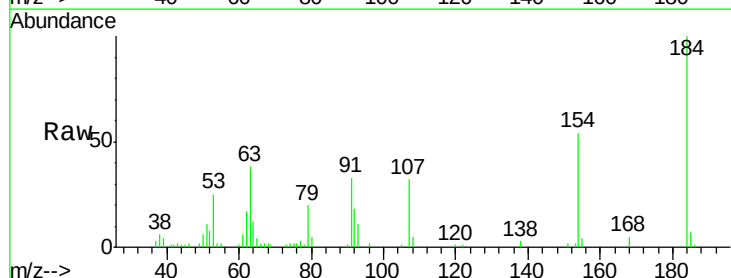


Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 108.00 (107.70 to 108.70): E
 Ion 92.00 (91.70 to 92.70): BF0

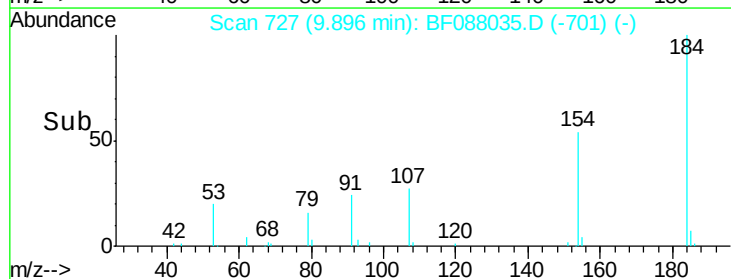
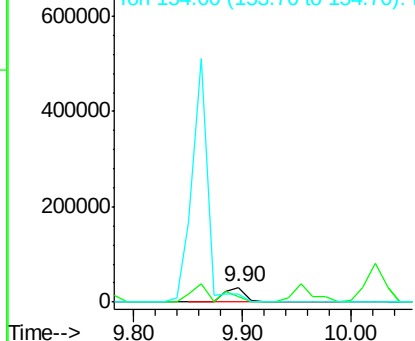


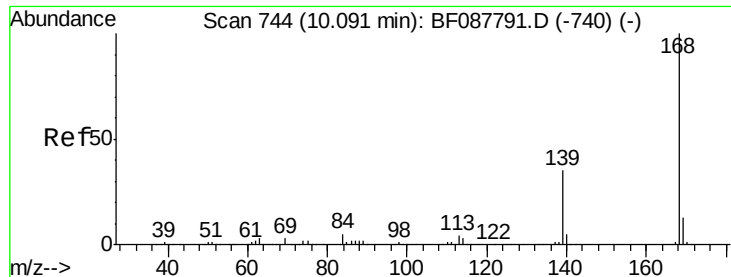
#53
 2,4-Dinitrophenol
 Concen: 28.81 ng
 RT: 9.90 min Scan# 727
 Delta R.T. -0.00 min
 Lab File: BF088035.D
 Acq: 15 Jun 2016 9:11

Tgt Ion:184 Resp: 44166
 Ion Ratio Lower Upper
 184 100
 63 37.5 57.6 86.4#
 154 54.3 53.5 80.3



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

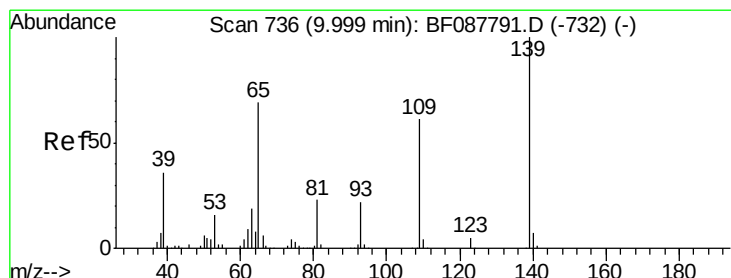
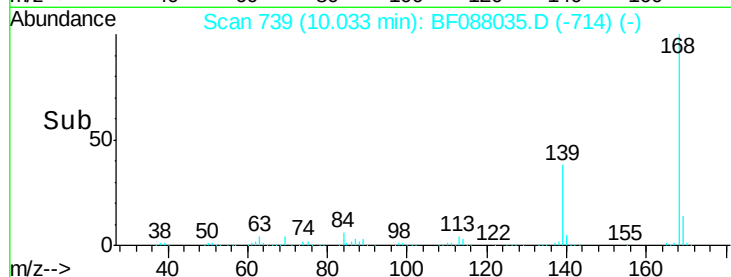
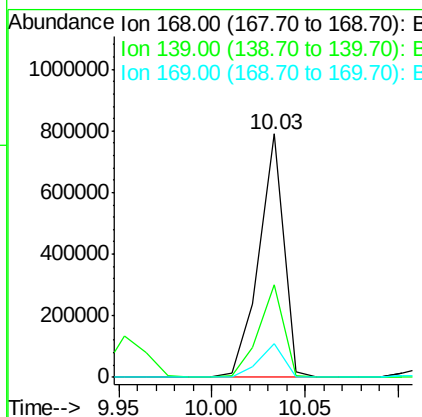
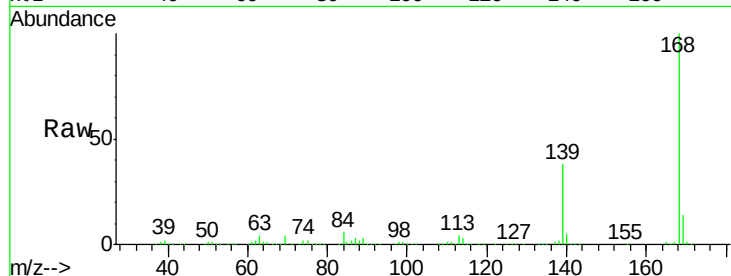




#54
Dibenzenofuran
Concen: 39.01 ng
RT: 10.03 min Scan# 739
Delta R.T. -0.01 min
Lab File: BF088035.D
Acq: 15 Jun 2016 9:11

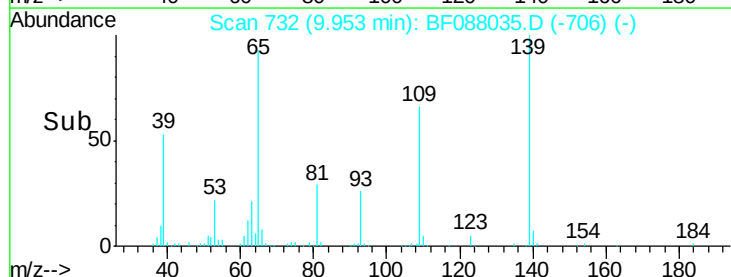
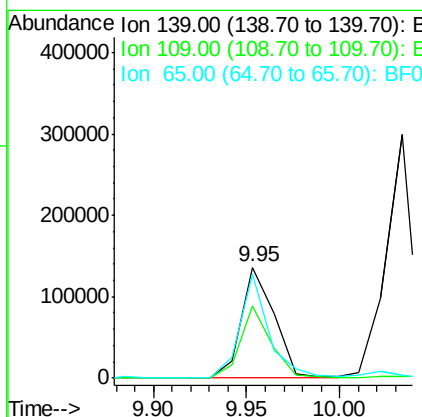
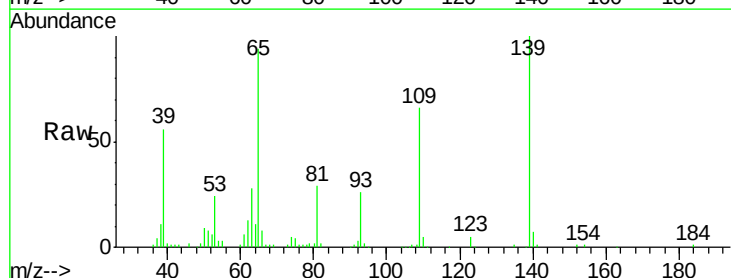
Instrument :
BNA_F
ClientSampleId :
HSR-WC-50-060616MSD

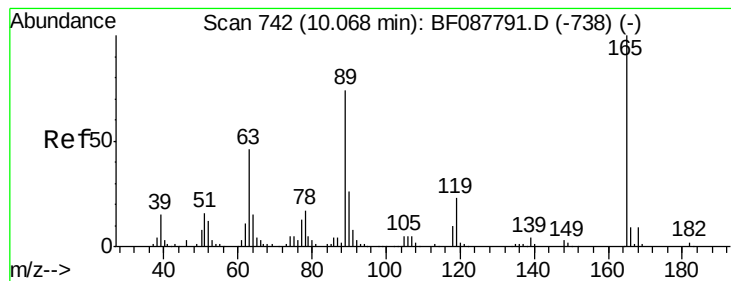
Tgt Ion:168 Resp: 729517
Ion Ratio Lower Upper
168 100
139 37.8 26.4 39.6
169 13.6 10.4 15.6



#55
4-Nitrophenol
Concen: 53.78 ng
RT: 9.95 min Scan# 732
Delta R.T. -0.00 min
Lab File: BF088035.D
Acq: 15 Jun 2016 9:11

Tgt Ion:139 Resp: 168983
Ion Ratio Lower Upper
139 100
109 65.5 48.9 88.9
65 93.9 84.9 124.9





#56

2,4-Dinitrotoluene

Concen: 38.82 ng

RT: 10.02 min Scan# 738

Delta R.T. -0.01 min

Lab File: BF088035.D

Acq: 15 Jun 2016 9:11

Instrument :

BNA_F

ClientSampleId :

HSR-WC-50-060616MSD

Tgt Ion:165 Resp: 175036

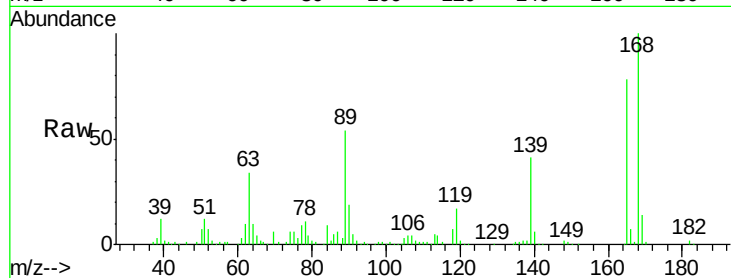
Ion Ratio Lower Upper

165 100

63 43.3 22.0 33.0#

89 68.9 41.1 61.7#

182 2.3 2.0 3.0

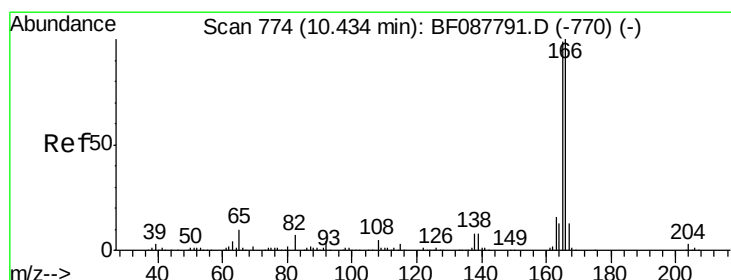
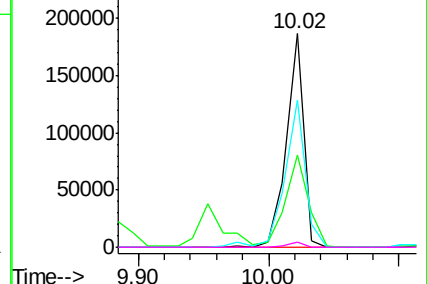
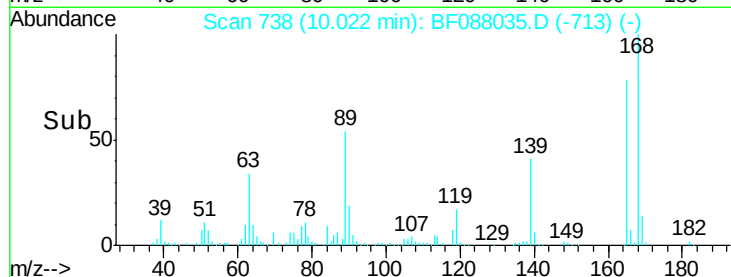


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#57

Fluorene

Concen: 43.62 ng

RT: 10.38 min Scan# 769

Delta R.T. -0.01 min

Lab File: BF088035.D

Acq: 15 Jun 2016 9:11

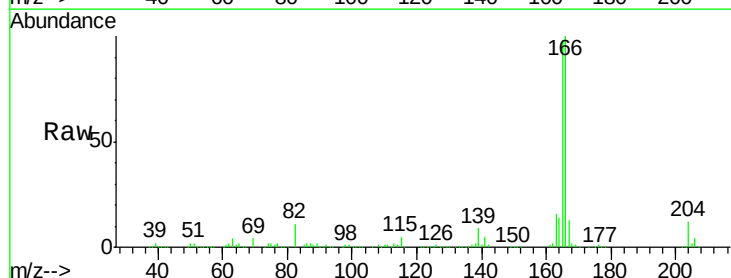
Tgt Ion:166 Resp: 553135

Ion Ratio Lower Upper

166 100

165 97.6 77.8 116.8

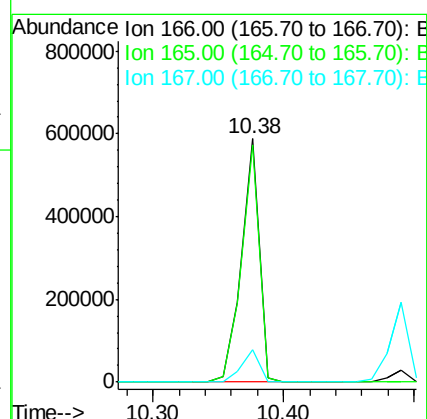
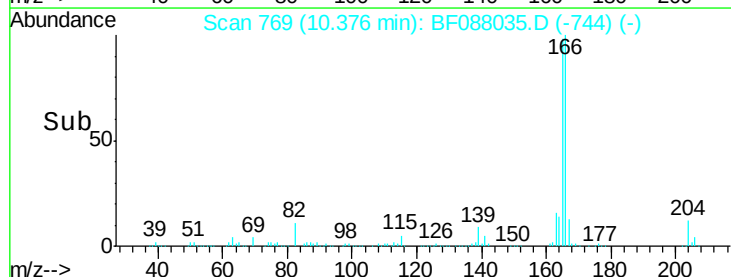
167 13.3 11.2 16.8

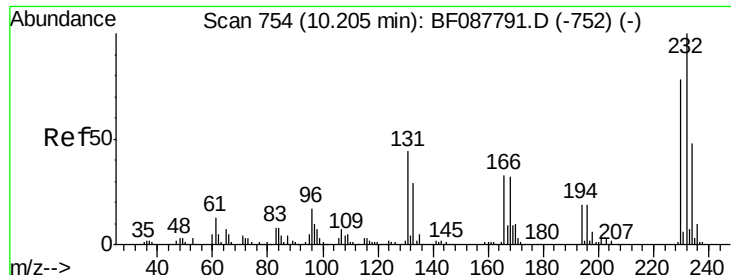


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

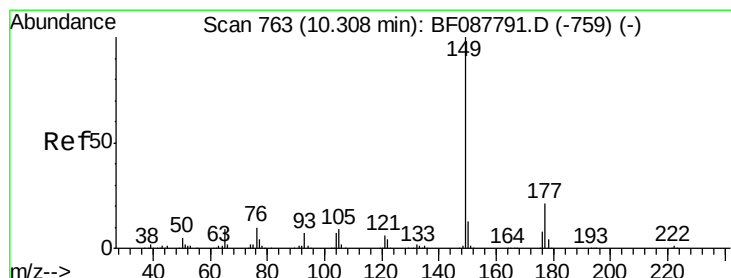
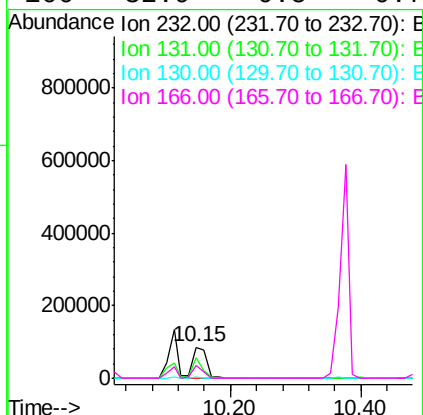
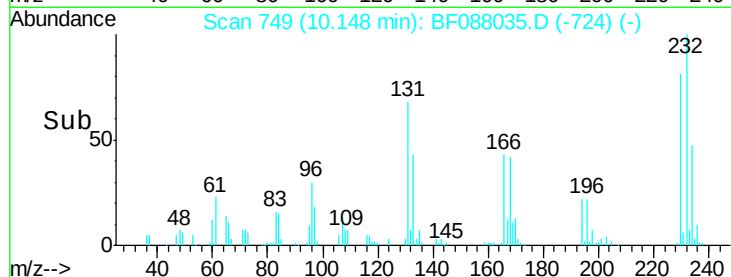
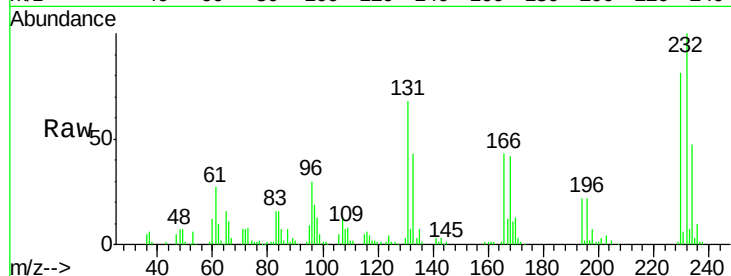




#58
 2,3,4,6-Tetrachlorophenol
 Concen: 35.25 ng
 RT: 10.15 min Scan# 749
 Delta R.T. -0.01 min
 Lab File: BF088035.D
 Acq: 15 Jun 2016 9:11

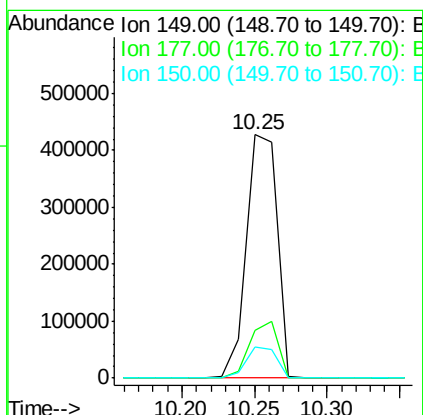
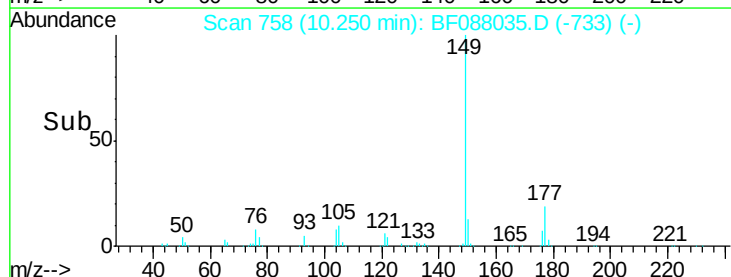
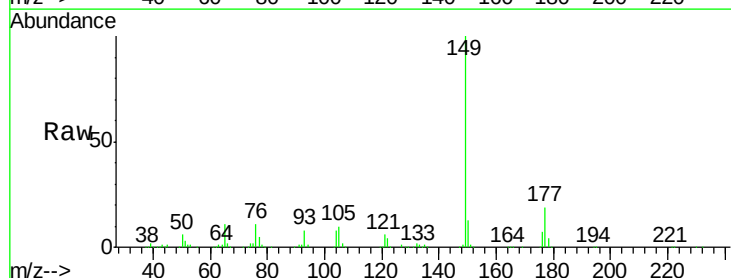
Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-50-060616MSD

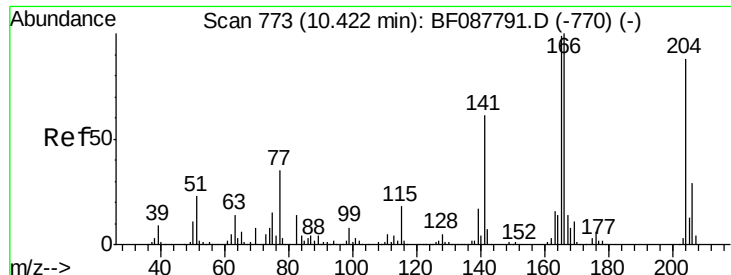
Tgt Ion:	232	Resp:	121869
Ion	Ratio	Lower	Upper
232	100		
131	49.4	0.9	1.3#
130	2.2	1.5	2.3
166	32.9	0.5	0.7#



#59
 Diethylphthalate
 Concen: 40.50 ng
 RT: 10.25 min Scan# 758
 Delta R.T. -0.01 min
 Lab File: BF088035.D
 Acq: 15 Jun 2016 9:11

Tgt Ion:	149	Resp:	628074
Ion	Ratio	Lower	Upper
149	100		
177	19.5	16.9	25.3
150	13.0	10.1	15.1

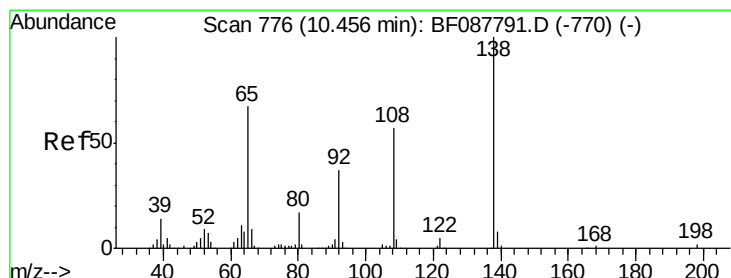
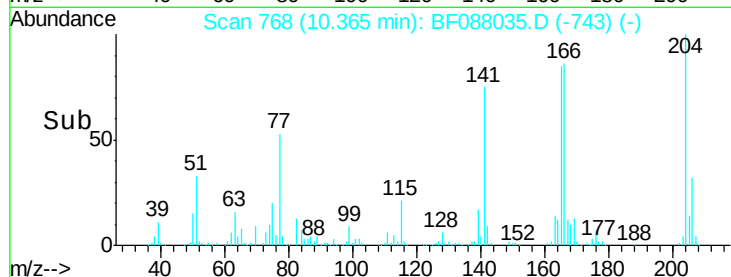
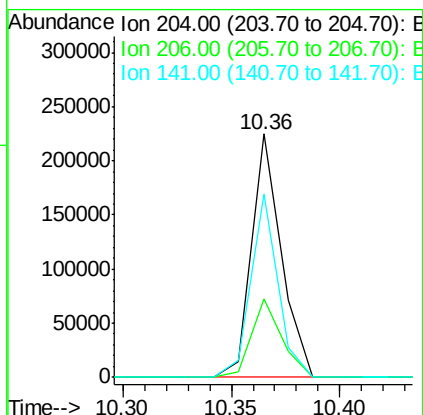
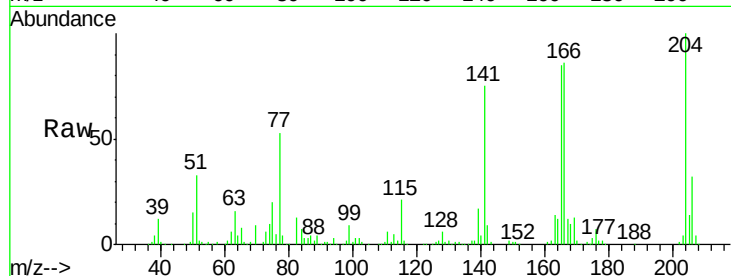




#60
 4-Chlorophenyl-phenylether
 Concen: 34.21 ng
 RT: 10.36 min Scan# 768
 Delta R.T. -0.01 min
 Lab File: BF088035.D
 Acq: 15 Jun 2016 9:11

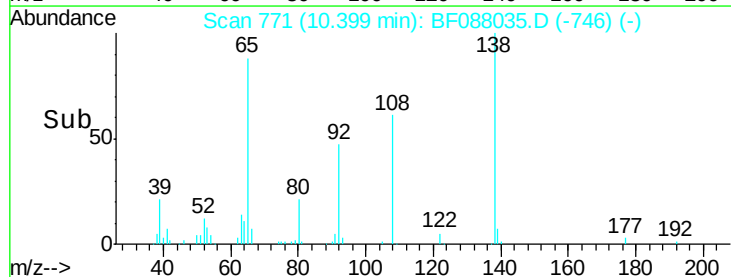
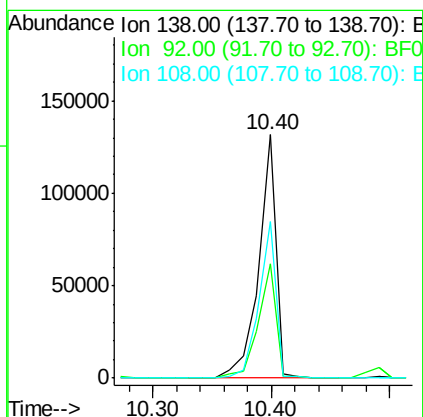
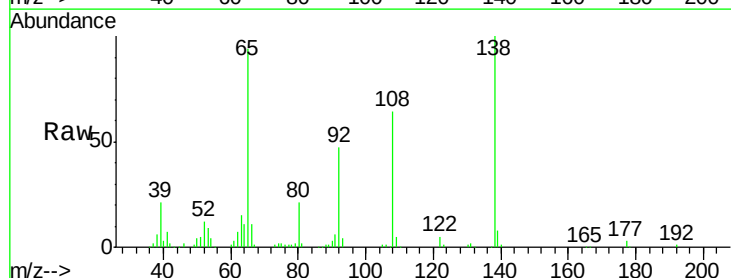
Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-50-060616MSD

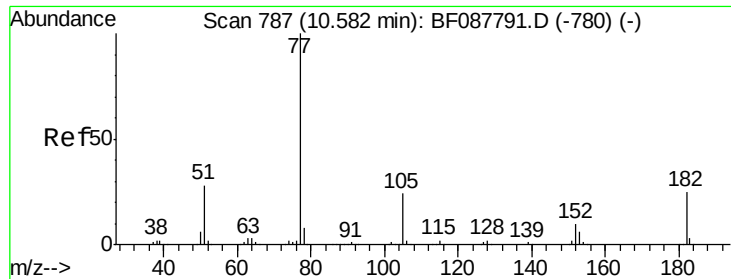
Tgt Ion: 204 Resp: 212764
 Ion Ratio Lower Upper
 204 100
 206 32.2 26.3 39.5
 141 75.3 55.0 82.6



#61
 4-Nitroaniline
 Concen: 35.08 ng
 RT: 10.40 min Scan# 771
 Delta R.T. -0.01 min
 Lab File: BF088035.D
 Acq: 15 Jun 2016 9:11

Tgt Ion: 138 Resp: 134701
 Ion Ratio Lower Upper
 138 100
 92 47.2 27.3 67.3
 108 64.2 46.7 86.7





#62

Azobenzene

Concen: 36.70 ng

RT: 10.52 min Scan# 782

Delta R.T. -0.01 min

Lab File: BF088035.D

Acq: 15 Jun 2016 9:11

Instrument :

BNA_F

ClientSampleId :

HSR-WC-50-060616MSD

Tgt Ion: 77 Resp: 562809

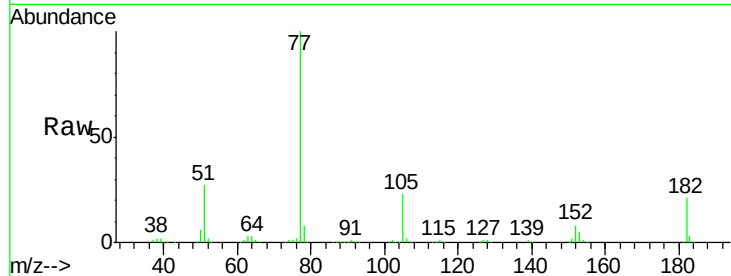
Ion Ratio Lower Upper

77 100

182 21.4 4.4 44.4

105 23.4 3.8 43.8

51 26.6 9.3 49.3

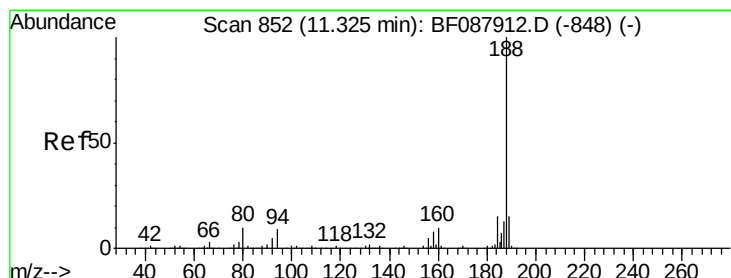
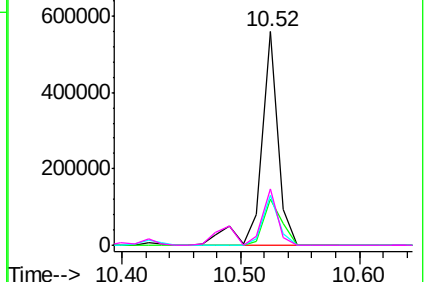
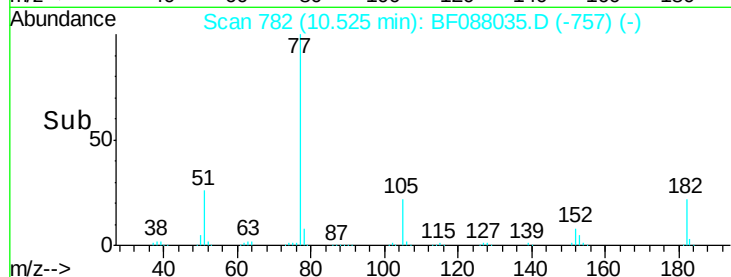


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.30 min Scan# 850

Delta R.T. -0.01 min

Lab File: BF088035.D

Acq: 15 Jun 2016 9:11

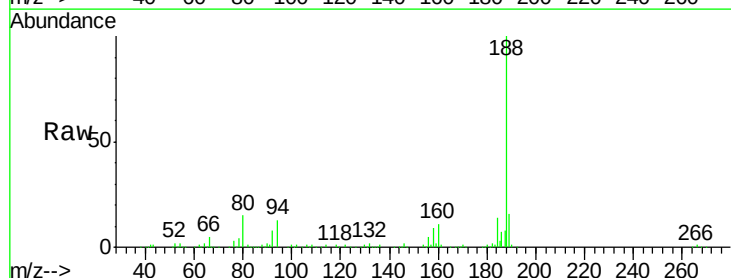
Tgt Ion: 188 Resp: 326724

Ion Ratio Lower Upper

188 100

94 13.3 9.0 13.6

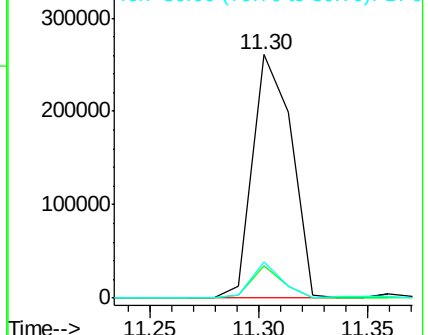
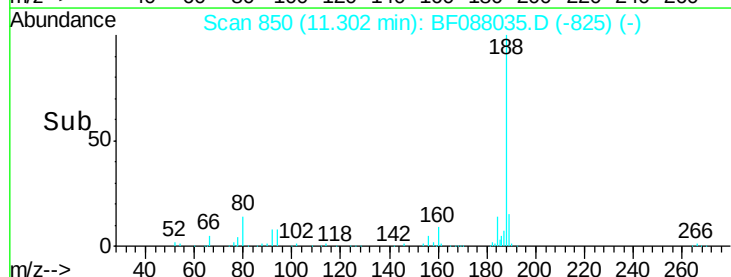
80 14.6 10.0 15.0

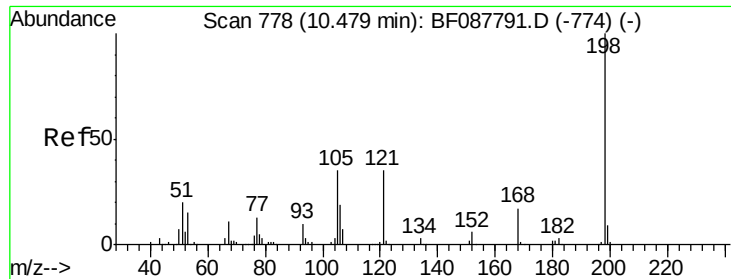


Abundance Ion 188.00 (187.70 to 188.70): E

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: 17.42 ng

RT: 10.43 min Scan# 774

Delta R.T. -0.00 min

Lab File: BF088035.D

Acq: 15 Jun 2016 9:11

Instrument :

BNA_F

ClientSampleId :

HSR-WC-50-060616MSD

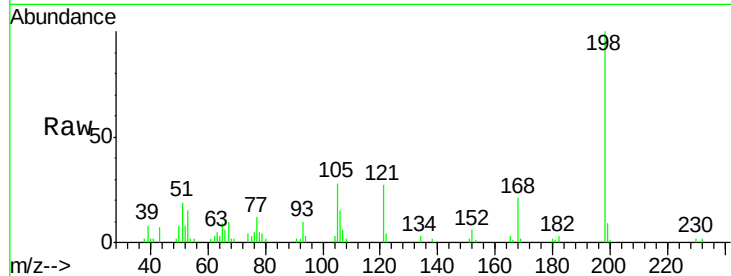
Tgt Ion:198 Resp: 32580

Ion Ratio Lower Upper

198 100

51 18.9 39.6 79.6#

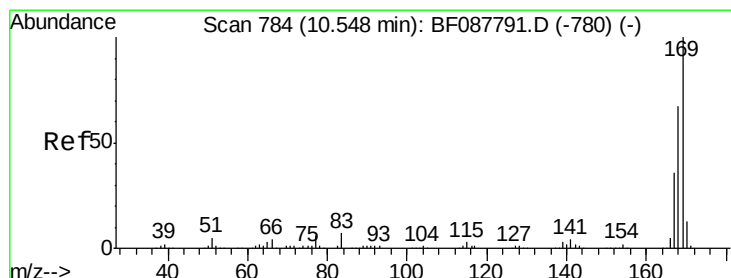
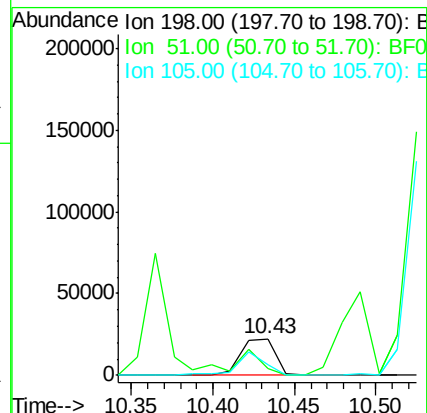
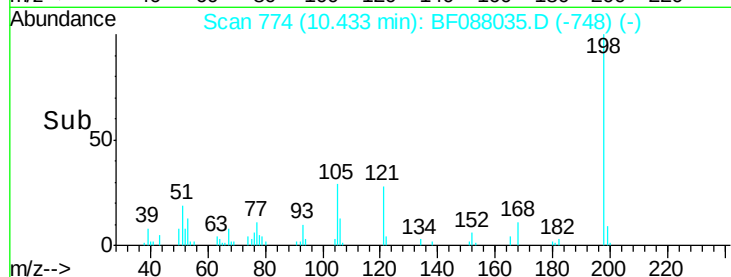
105 28.2 36.6 76.6#



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E



#65

n-Nitrosodiphenylamine

Concen: 47.09 ng

RT: 10.49 min Scan# 779

Delta R.T. -0.01 min

Lab File: BF088035.D

Acq: 15 Jun 2016 9:11

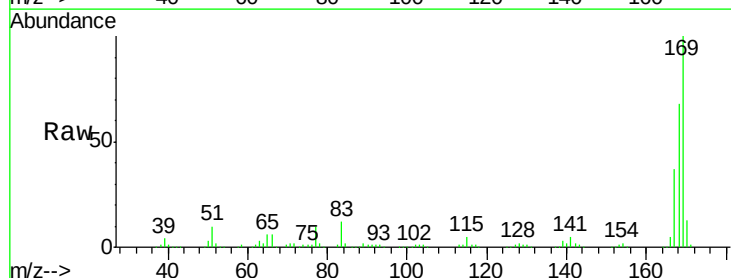
Tgt Ion:169 Resp: 510543

Ion Ratio Lower Upper

169 100

168 67.5 53.4 80.0

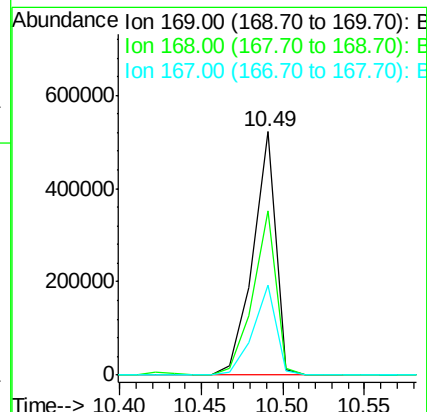
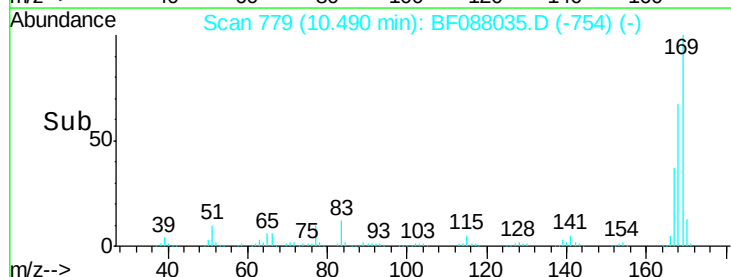
167 37.2 29.4 44.0

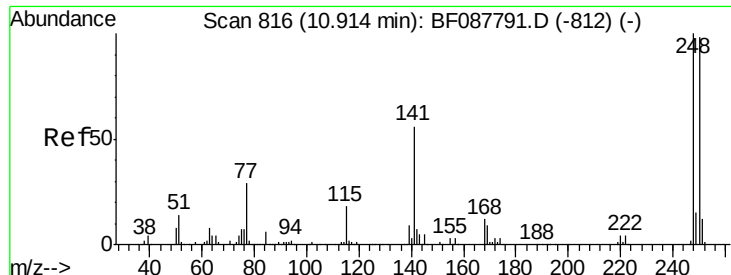


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

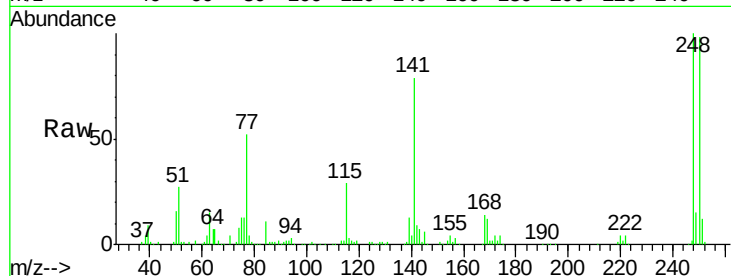




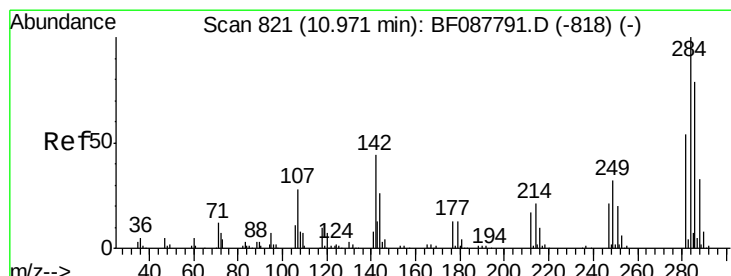
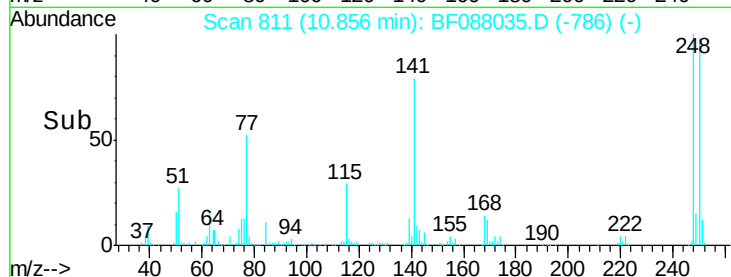
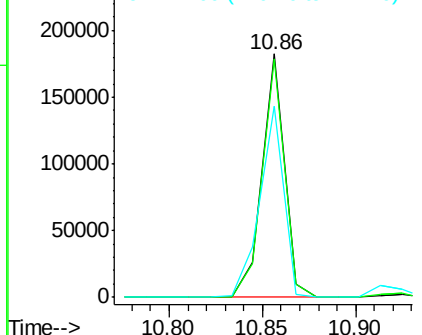
#66
 4-Bromophenyl-phenylether
 Concen: 42.93 ng
 RT: 10.86 min Scan# 811
 Delta R.T. -0.01 min
 Lab File: BF088035.D
 Acq: 15 Jun 2016 9:11

Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-50-060616MSD

Tgt Ion:248 Resp: 150483
 Ion Ratio Lower Upper
 248 100
 250 97.7 77.1 115.7
 141 78.6 50.6 76.0#

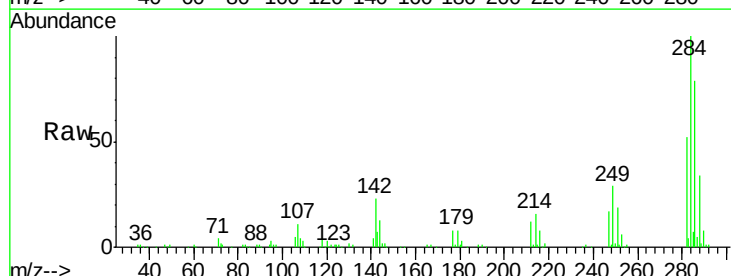


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

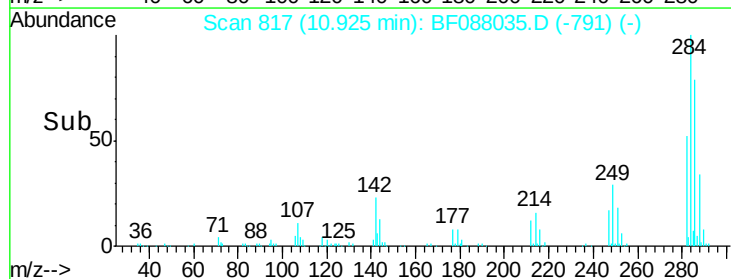
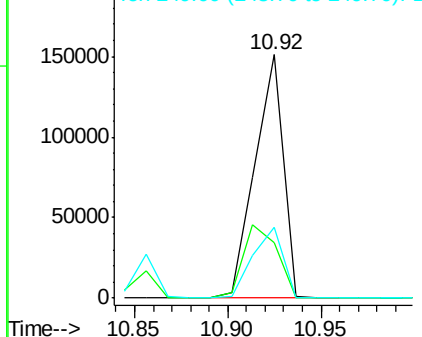


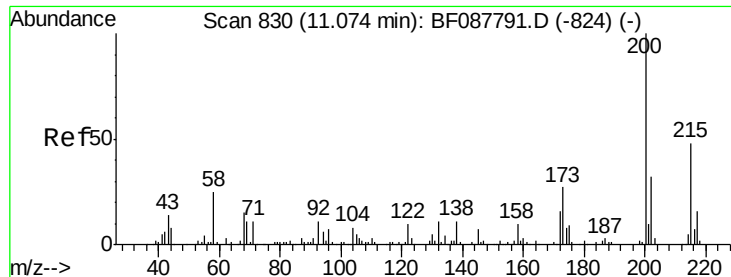
#67
 Hexachlorobenzene
 Concen: 43.49 ng
 RT: 10.92 min Scan# 817
 Delta R.T. -0.00 min
 Lab File: BF088035.D
 Acq: 15 Jun 2016 9:11

Tgt Ion:284 Resp: 158393
 Ion Ratio Lower Upper
 284 100
 142 22.9 35.8 53.8#
 249 29.0 25.8 38.6



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

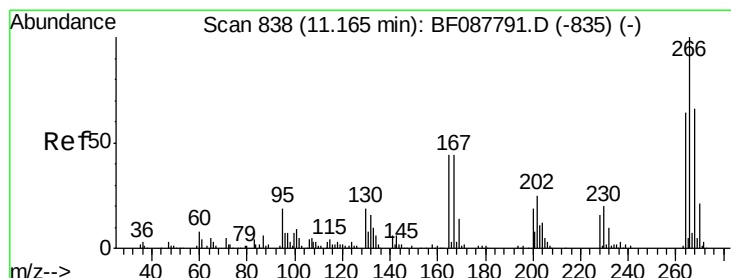
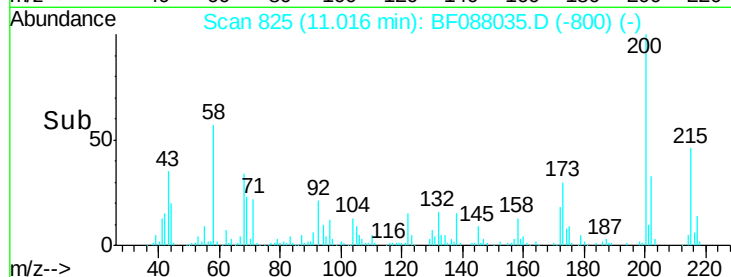
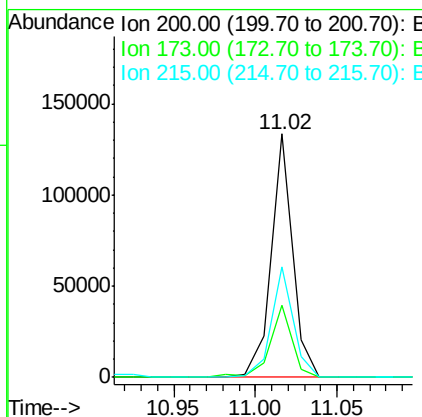
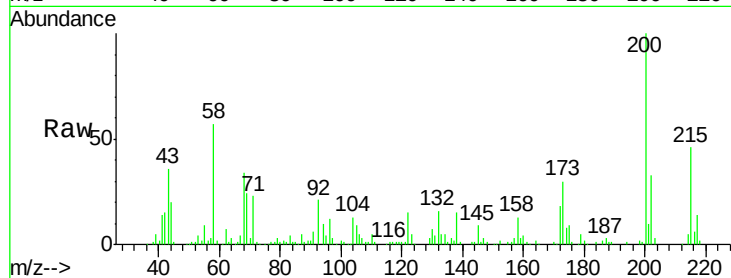




#68
Atrazine
Concen: 37.28 ng
RT: 11.02 min Scan# 825
Delta R.T. -0.01 min
Lab File: BF088035.D
Acq: 15 Jun 2016 9:11

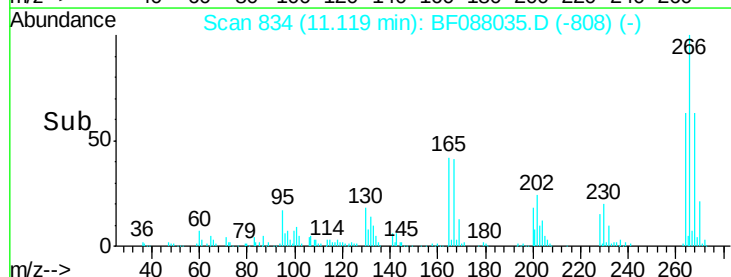
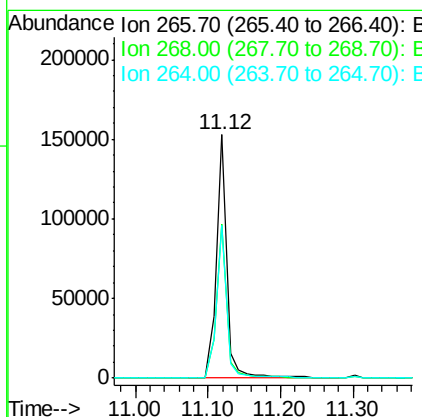
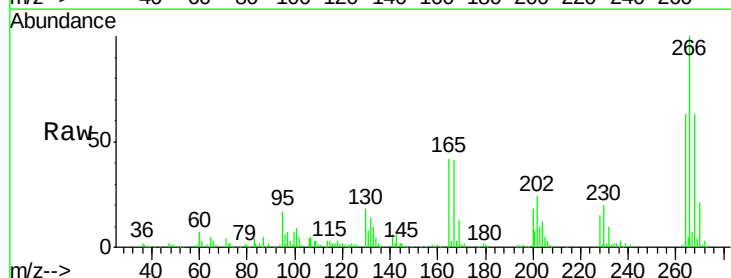
Instrument :
BNA_F
ClientSampleId :
HSR-WC-50-060616MSD

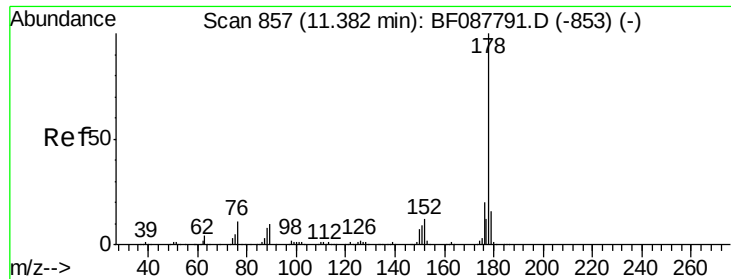
Tgt Ion	Ratio	Resp	Lower	Upper
200	100	122395		
173	29.7	4.0	44.0	
215	45.6	29.3	69.3	



#69
Pentachlorophenol
Concen: 80.96 ng
RT: 11.12 min Scan# 834
Delta R.T. -0.00 min
Lab File: BF088035.D
Acq: 15 Jun 2016 9:11

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	155415		
268	63.1	52.8	79.2	
264	62.6	49.6	74.4	

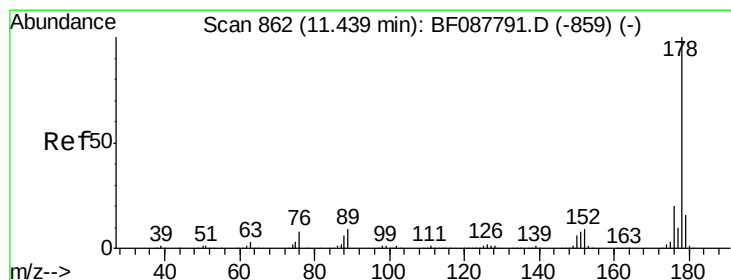
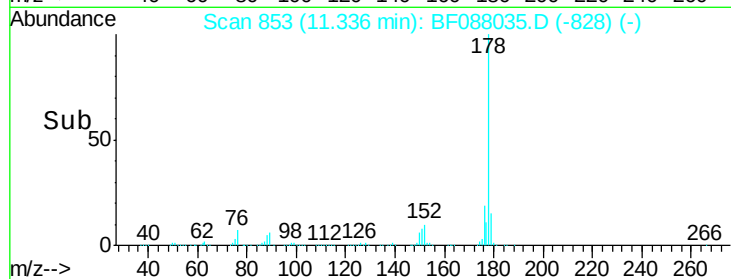
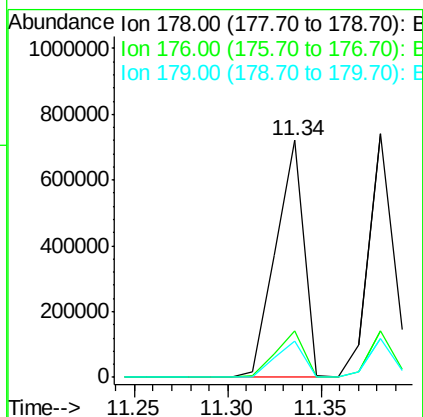
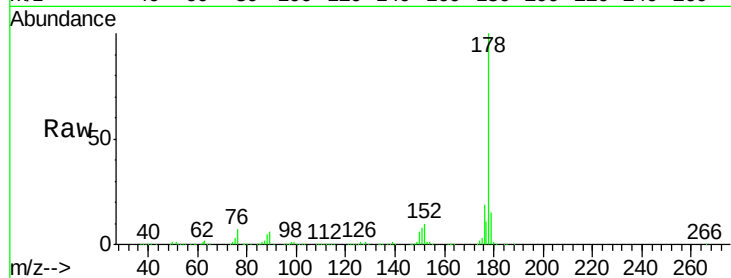




#70
Phenanthrene
Concen: 44.72 ng
RT: 11.34 min Scan# 853
Delta R.T. -0.01 min
Lab File: BF088035.D
Acq: 15 Jun 2016 9:11

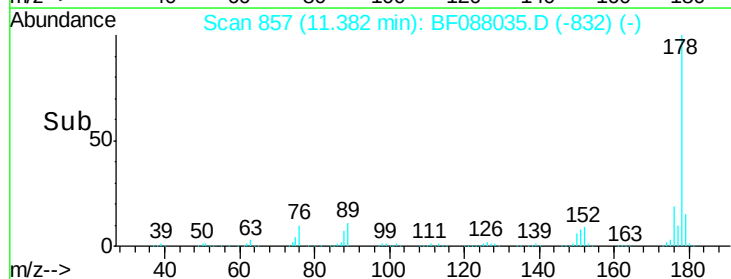
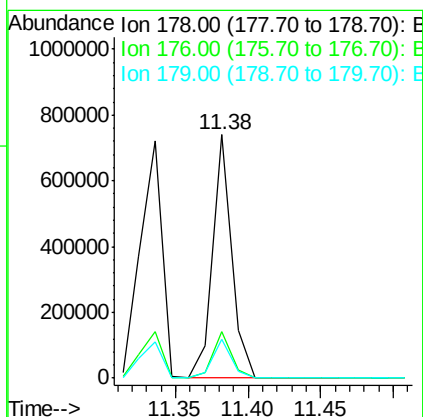
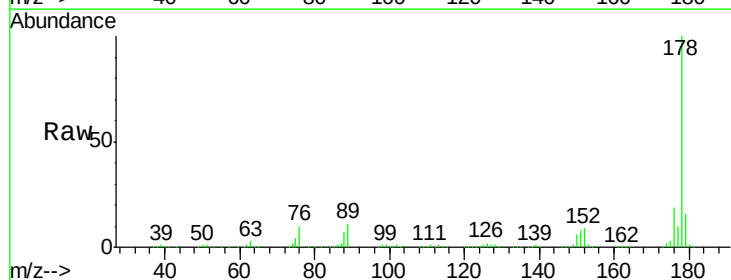
Instrument :
BNA_F
ClientSampleId :
HSR-WC-50-060616MSD

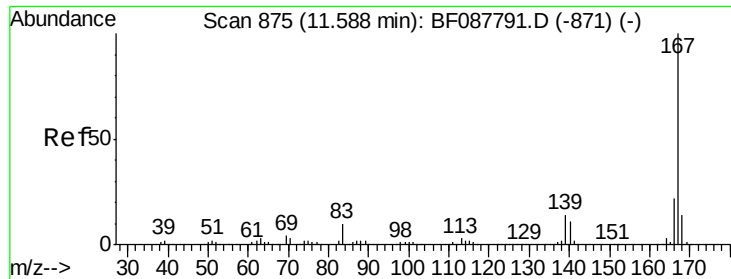
Tgt Ion:178 Resp: 766727
Ion Ratio Lower Upper
178 100
176 19.5 15.8 23.6
179 15.4 13.0 19.4



#71
Anthracene
Concen: 39.17 ng
RT: 11.38 min Scan# 857
Delta R.T. -0.01 min
Lab File: BF088035.D
Acq: 15 Jun 2016 9:11

Tgt Ion:178 Resp: 677337
Ion Ratio Lower Upper
178 100
176 19.2 15.6 23.4
179 16.0 12.8 19.2





#72

Carbazole

Concen: 45.20 ng

RT: 11.54 min Scan# 871

Delta R.T. -0.01 min

Lab File: BF088035.D

Acq: 15 Jun 2016 9:11

Instrument :

BNA_F

ClientSampleId :

HSR-WC-50-060616MSD

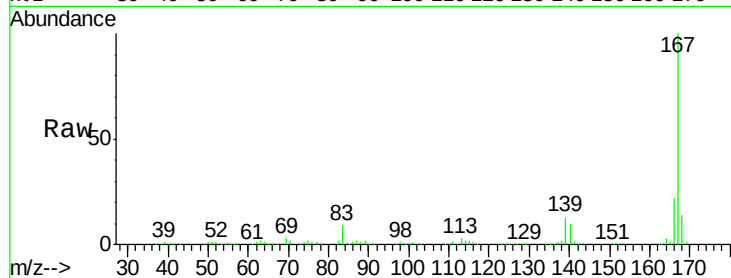
Tgt Ion:167 Resp: 731488

Ion Ratio Lower Upper

167 100

166 22.3 17.8 26.6

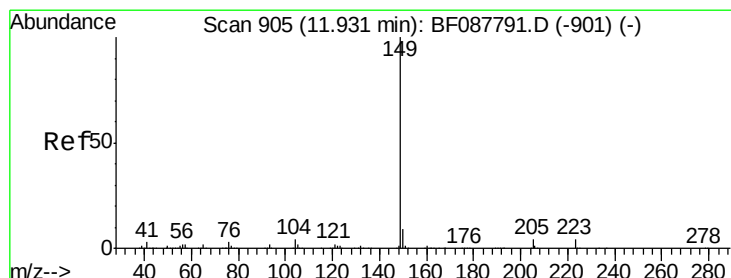
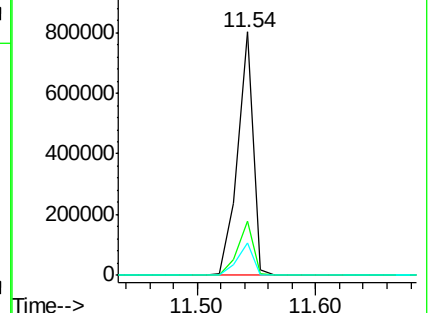
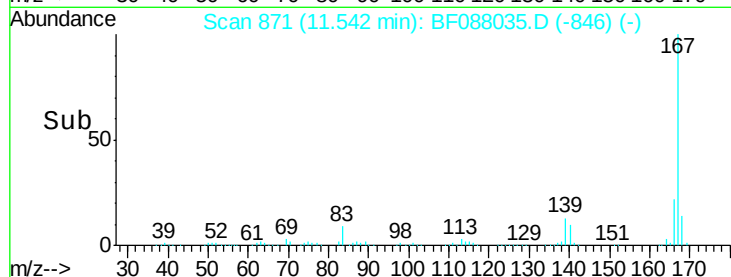
139 13.4 11.2 16.8



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#73

Di-n-butylphthalate

Concen: 40.92 ng

RT: 11.87 min Scan# 900

Delta R.T. -0.01 min

Lab File: BF088035.D

Acq: 15 Jun 2016 9:11

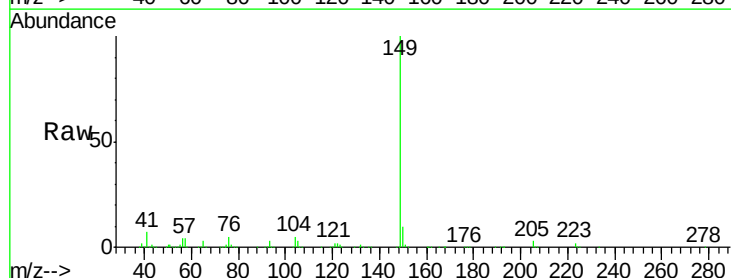
Tgt Ion:149 Resp: 838389

Ion Ratio Lower Upper

149 100

150 9.8 7.8 11.6

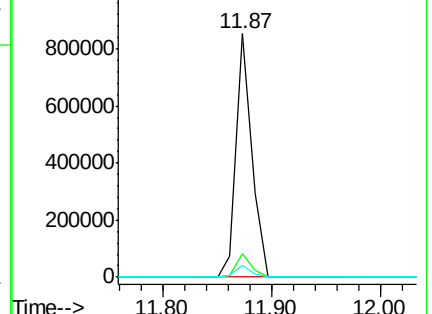
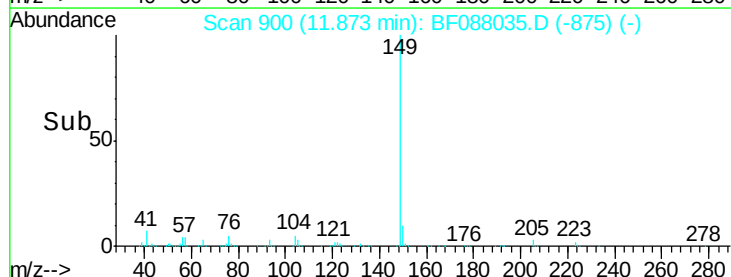
104 5.0 4.0 6.0

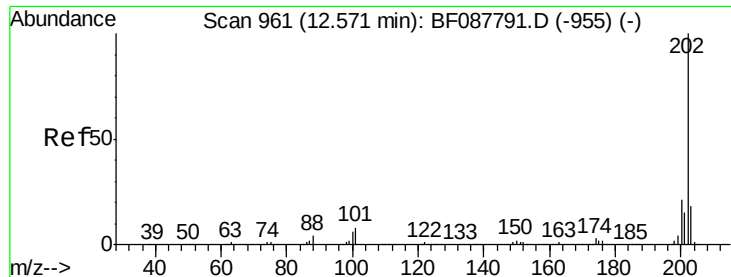


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

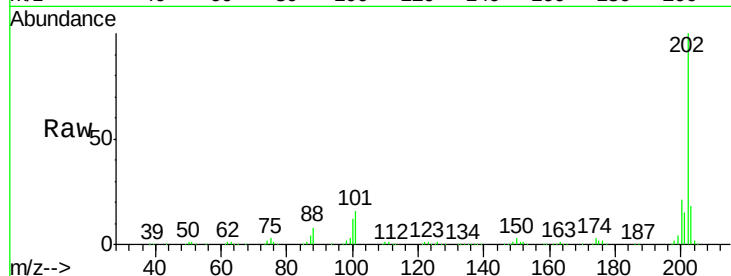




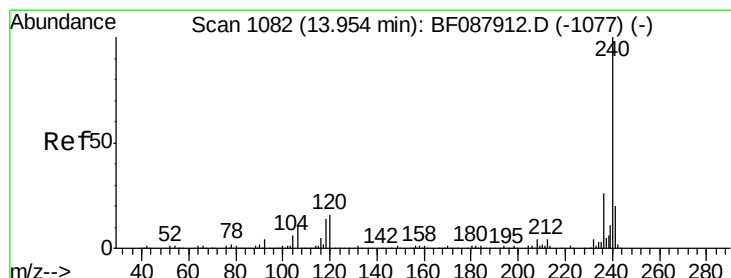
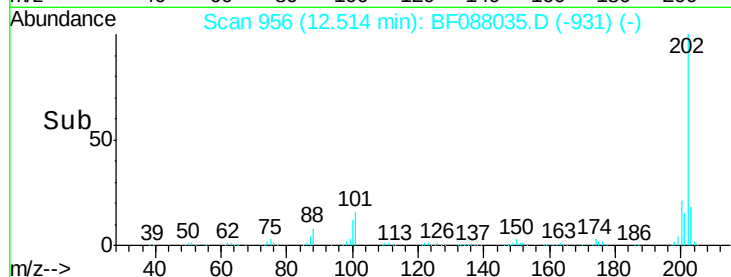
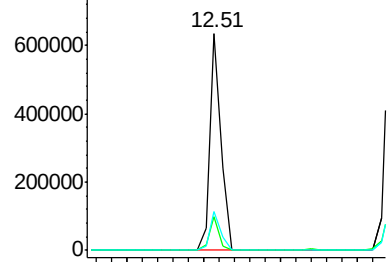
#74
Fluoranthene
Concen: 36.01 ng
RT: 12.51 min Scan# 956
Delta R.T. -0.01 min
Lab File: BF088035.D
Acq: 15 Jun 2016 9:11

Instrument :
BNA_F
ClientSampleId :
HSR-WC-50-060616MSD

Tgt Ion: 202 Resp: 651572
Ion Ratio Lower Upper
202 100
101 15.8 0.0 33.1
203 18.1 0.0 38.1

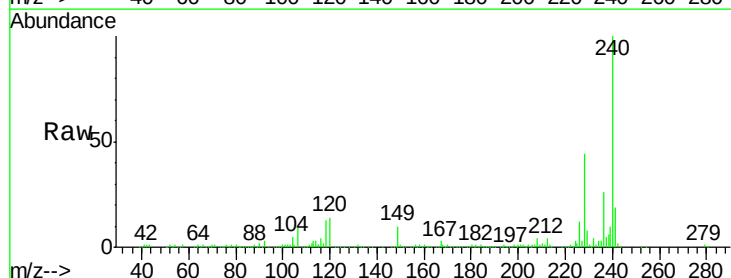


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E

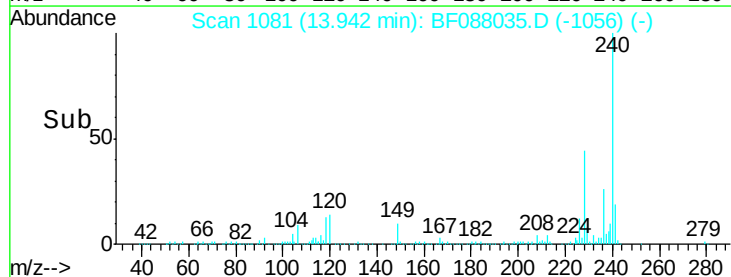
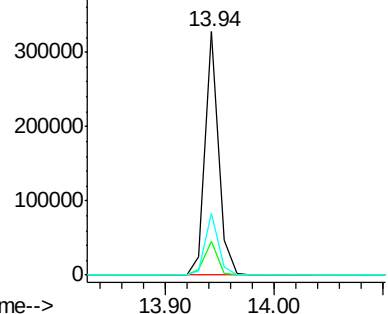


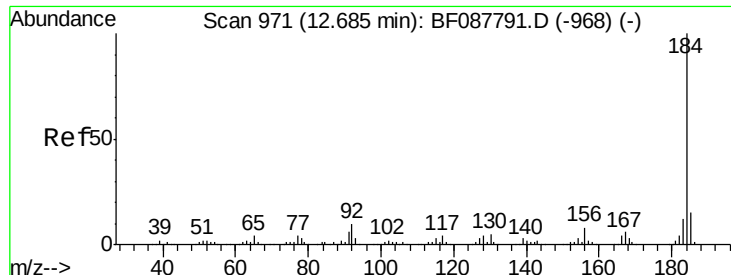
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.94 min Scan# 1081
Delta R.T. -0.01 min
Lab File: BF088035.D
Acq: 15 Jun 2016 9:11

Tgt Ion: 240 Resp: 278109
Ion Ratio Lower Upper
240 100
120 14.0 6.8 10.2#
236 25.5 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

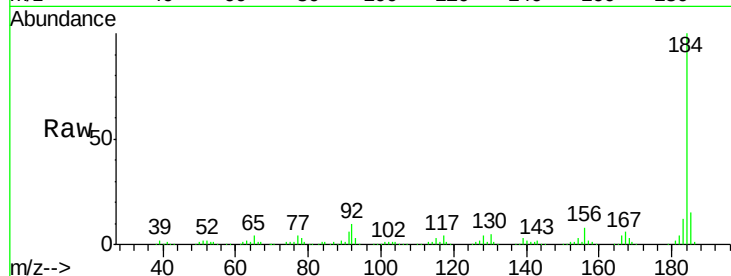




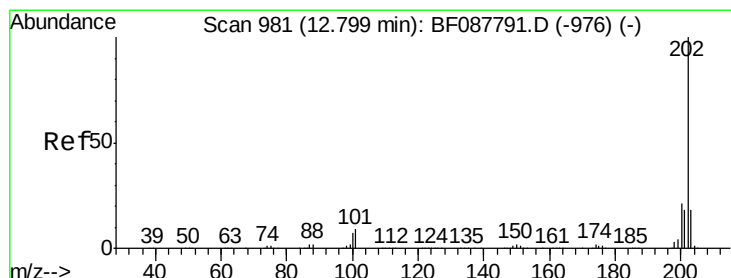
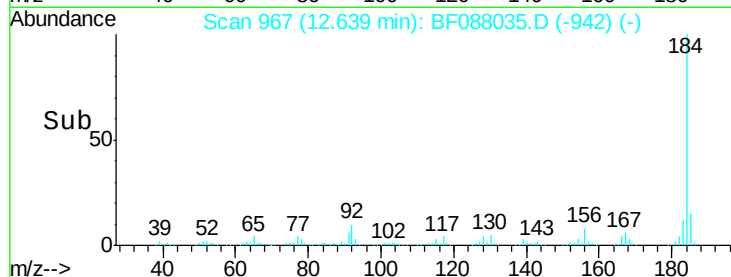
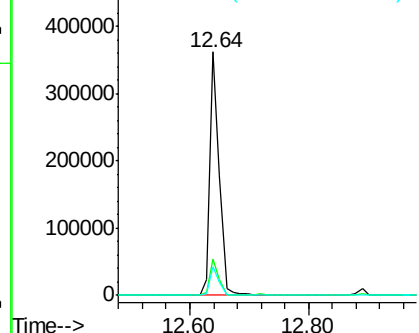
#76
Benzidine
Concen: 52.60 ng
RT: 12.64 min Scan# 967
Delta R.T. -0.01 min
Lab File: BF088035.D
Acq: 15 Jun 2016 9:11

Instrument :
BNA_F
ClientSampleId :
HSR-WC-50-060616MSD

Tgt Ion:184 Resp: 405039
Ion Ratio Lower Upper
184 100
185 14.6 12.5 18.7
183 11.7 9.3 13.9

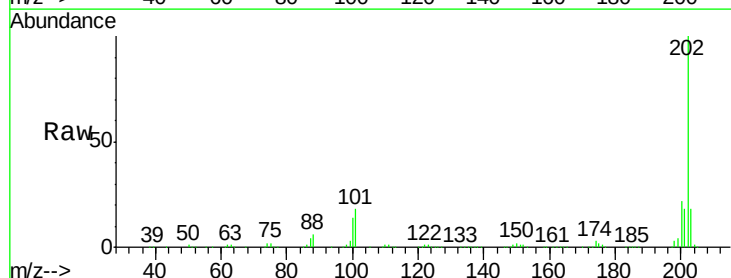


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E

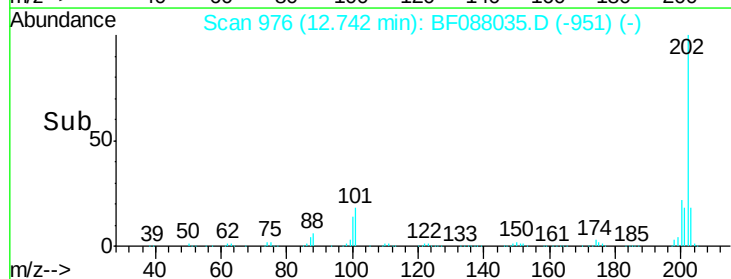
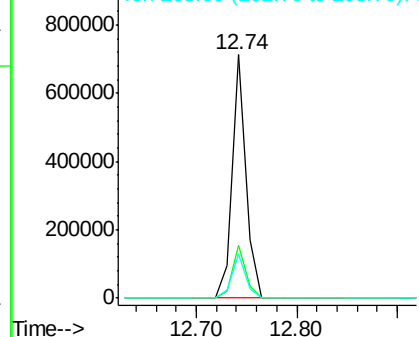


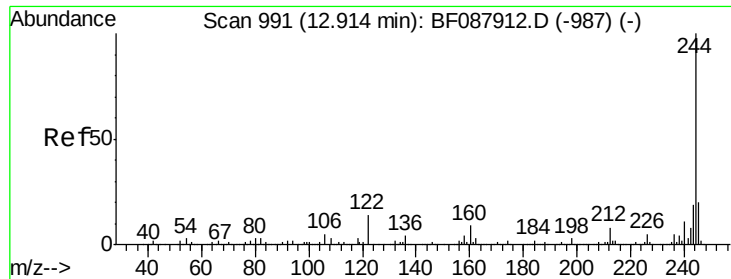
#77
Pyrene
Concen: 32.77 ng
RT: 12.74 min Scan# 976
Delta R.T. -0.01 min
Lab File: BF088035.D
Acq: 15 Jun 2016 9:11

Tgt Ion:202 Resp: 676257
Ion Ratio Lower Upper
202 100
200 21.8 17.4 26.2
203 18.2 14.5 21.7



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 60.13 ng

RT: 12.89 min Scan# 989

Delta R.T. -0.01 min

Lab File: BF088035.D

Acq: 15 Jun 2016 9:11

Instrument :

BNA_F

ClientSampleId :

HSR-WC-50-060616MSD

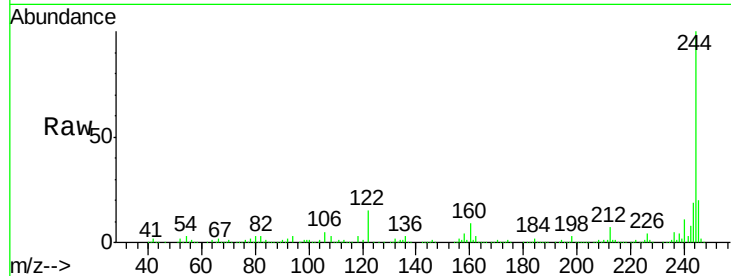
Tgt Ion: 244 Resp: 734876

Ion Ratio Lower Upper

244 100

212 7.5 6.0 9.0

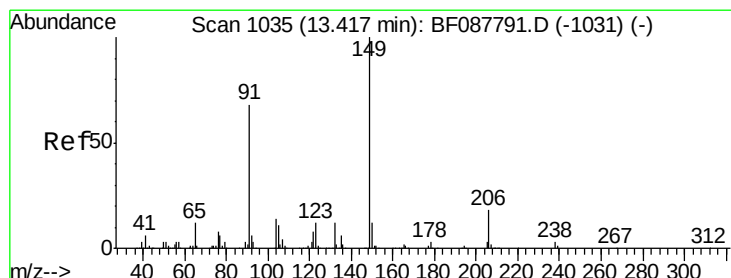
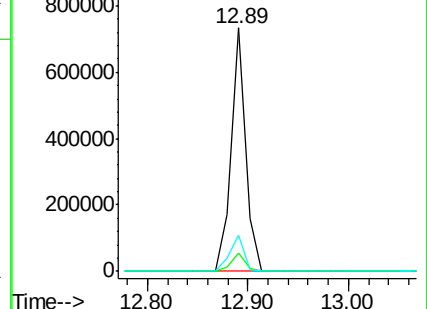
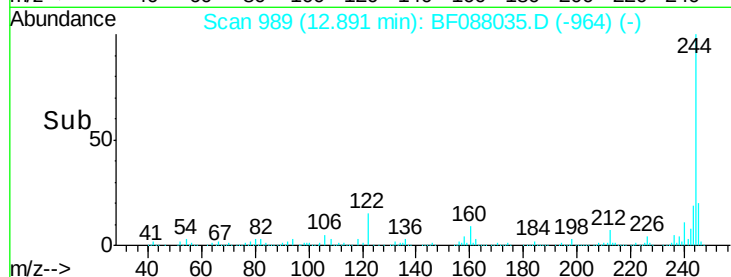
122 14.7 11.2 16.8



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: 41.00 ng

RT: 13.37 min Scan# 1031

Delta R.T. -0.01 min

Lab File: BF088035.D

Acq: 15 Jun 2016 9:11

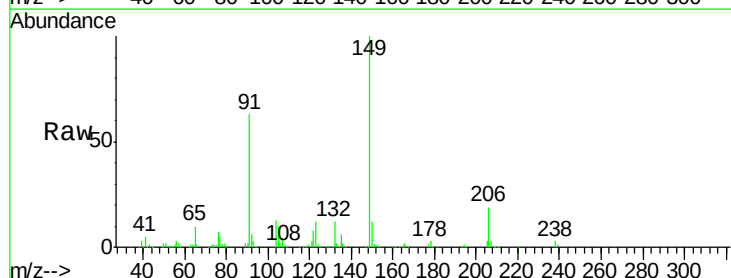
Tgt Ion: 149 Resp: 374124

Ion Ratio Lower Upper

149 100

91 62.5 48.0 72.0

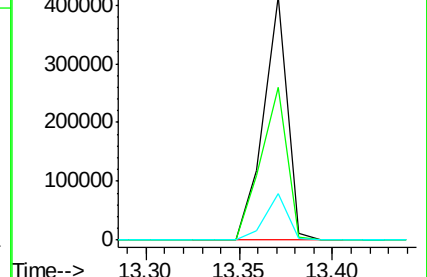
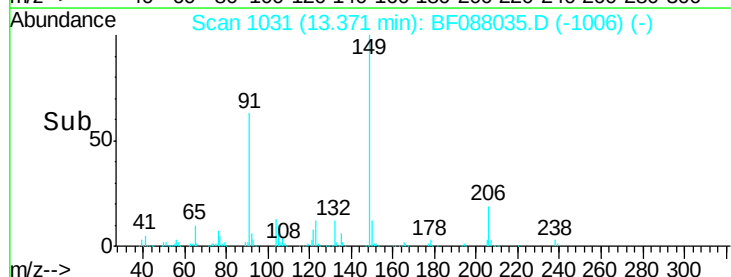
206 18.9 16.0 24.0

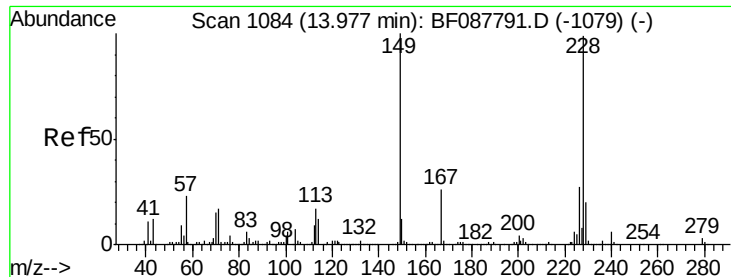


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E





#80

Benzo(a)anthracene

Concen: 36.01 ng

RT: 13.93 min Scan# 1080

Delta R.T. -0.01 min

Lab File: BF088035.D

Acq: 15 Jun 2016 9:11

Instrument :

BNA_F

ClientSampleId :

HSR-WC-50-060616MSD

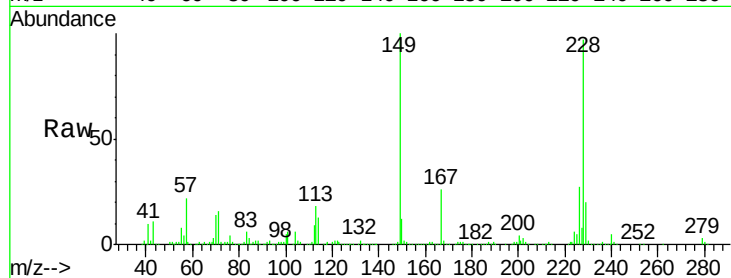
Tgt Ion:228 Resp: 570660

Ion Ratio Lower Upper

228 100

226 27.9 22.3 33.5

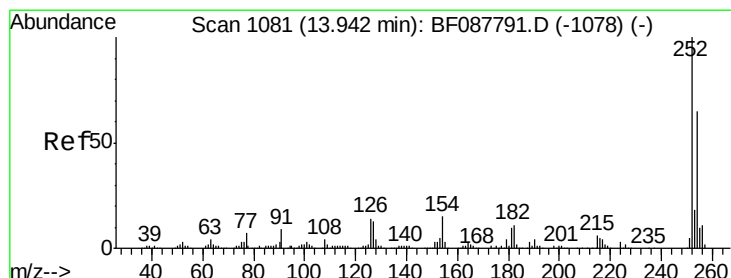
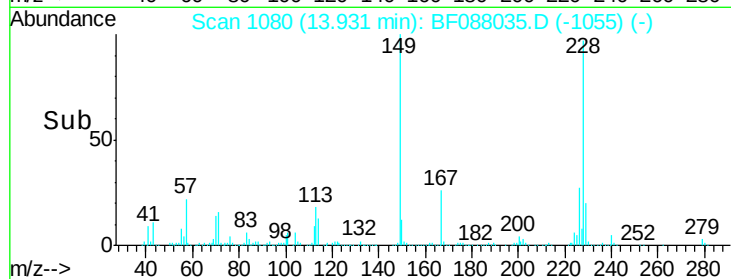
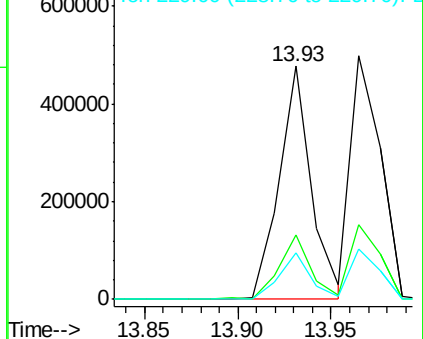
229 20.1 16.0 24.0



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#81

3,3'-Dichlorobenzidine

Concen: 44.08 ng

RT: 13.90 min Scan# 1077

Delta R.T. -0.01 min

Lab File: BF088035.D

Acq: 15 Jun 2016 9:11

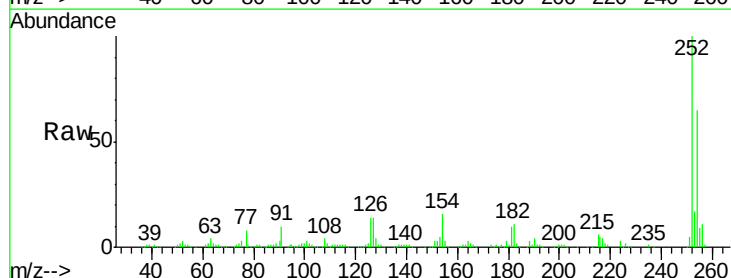
Tgt Ion:252 Resp: 187853

Ion Ratio Lower Upper

252 100

254 64.6 52.6 78.8

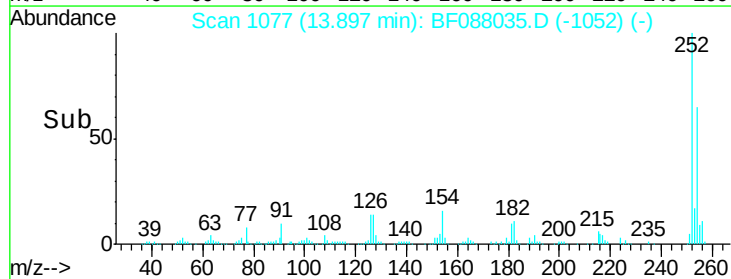
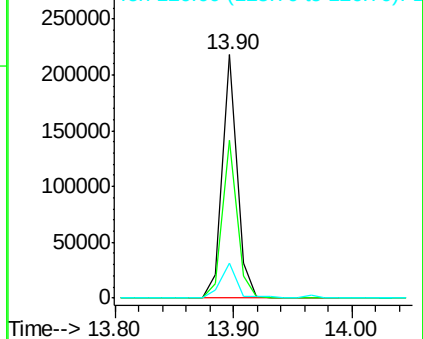
126 14.4 6.2 9.2#

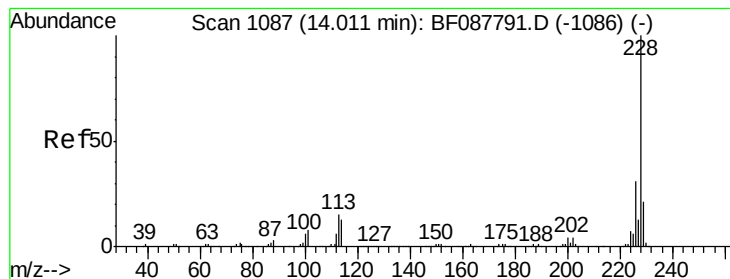


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#82

Chrysene

Concen: 38.10 ng

RT: 13.97 min Scan# 1083

Delta R.T. -0.01 min

Lab File: BF088035.D

Acq: 15 Jun 2016 9:11

Instrument :

BNA_F

ClientSampleId :

HSR-WC-50-060616MSD

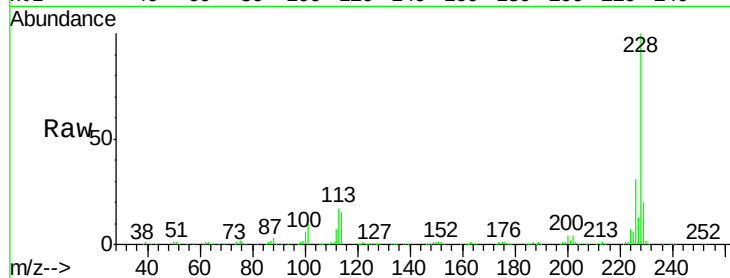
Tgt Ion:228 Resp: 567995

Ion Ratio Lower Upper

228 100

226 30.9 25.4 38.2

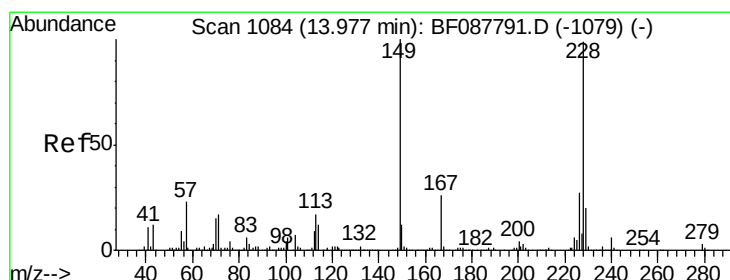
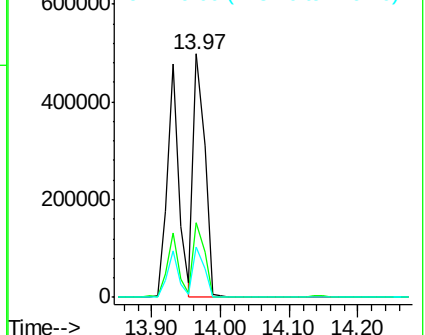
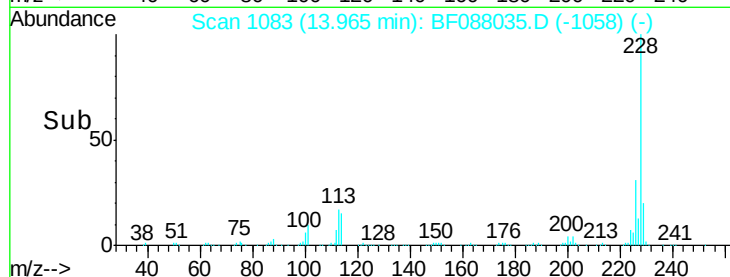
229 20.5 16.3 24.5



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: 39.63 ng

RT: 13.93 min Scan# 1080

Delta R.T. -0.01 min

Lab File: BF088035.D

Acq: 15 Jun 2016 9:11

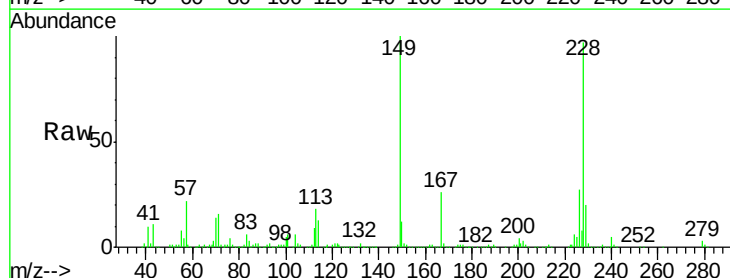
Tgt Ion:149 Resp: 440149

Ion Ratio Lower Upper

149 100

167 26.2 20.5 30.7

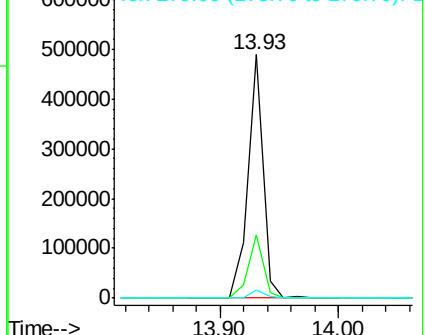
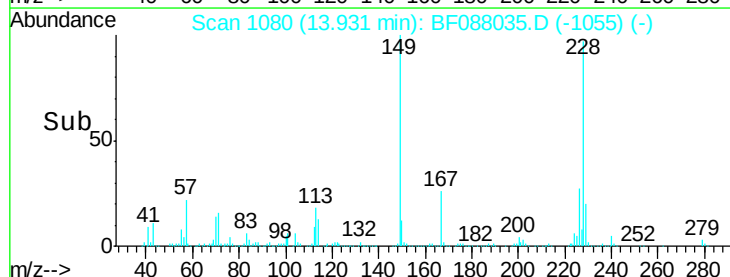
279 3.1 2.0 3.0#

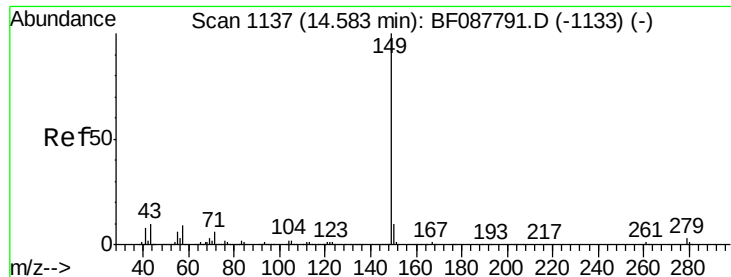


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#84

Di-n-octyl phthalate

Concen: 47.56 ng

RT: 14.54 min Scan# 1133

Delta R.T. -0.01 min

Lab File: BF088035.D

Acq: 15 Jun 2016 9:11

Instrument :

BNA_F

ClientSampleId :

HSR-WC-50-060616MSD

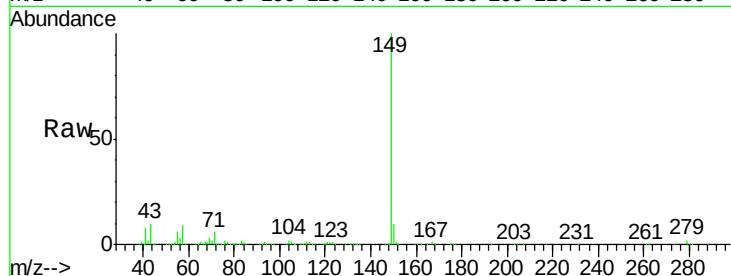
Tgt Ion:149 Resp: 858348

Ion Ratio Lower Upper

149 100

167 1.5 0.0 0.0#

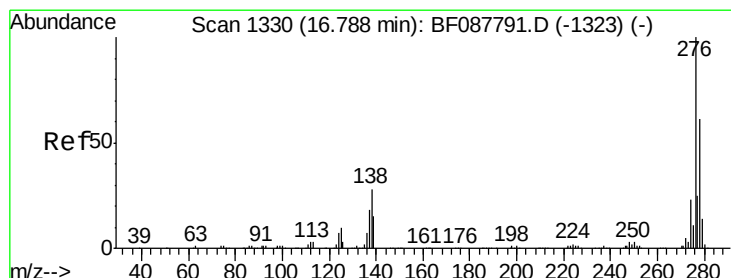
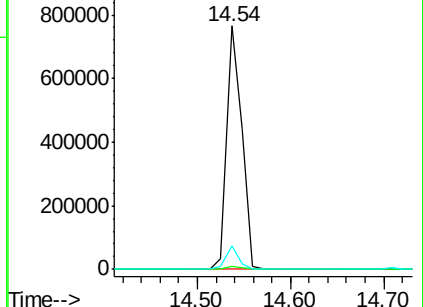
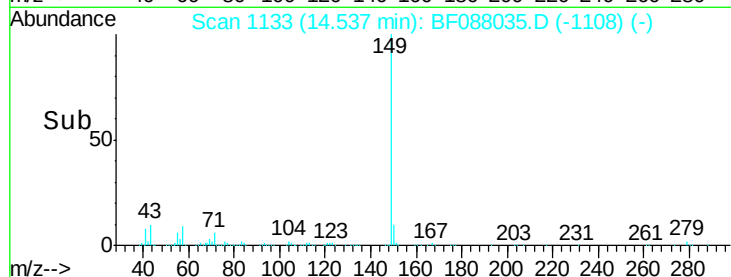
43 8.1 0.0 0.0#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0



#85

Indeno(1,2,3-cd)pyrene

Concen: 34.10 ng

RT: 16.71 min Scan# 1323

Delta R.T. -0.01 min

Lab File: BF088035.D

Acq: 15 Jun 2016 9:11

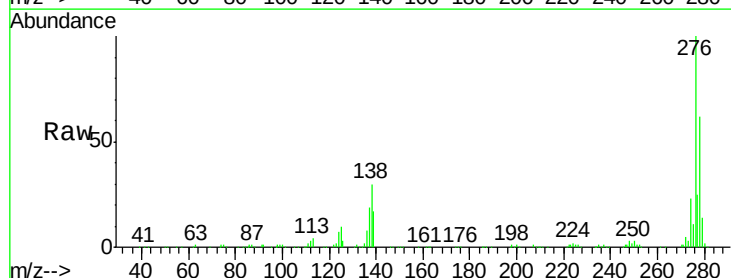
Tgt Ion:276 Resp: 472358

Ion Ratio Lower Upper

276 100

138 31.0 0.0 0.0#

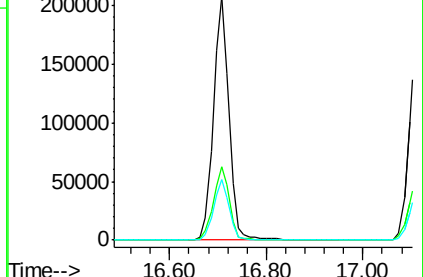
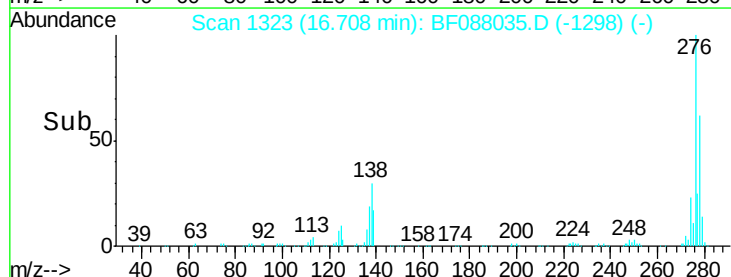
277 24.8 0.0 0.0#

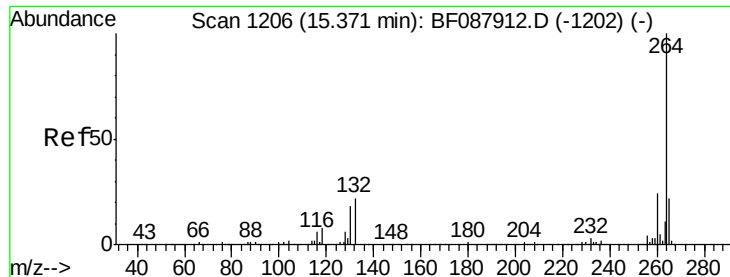


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

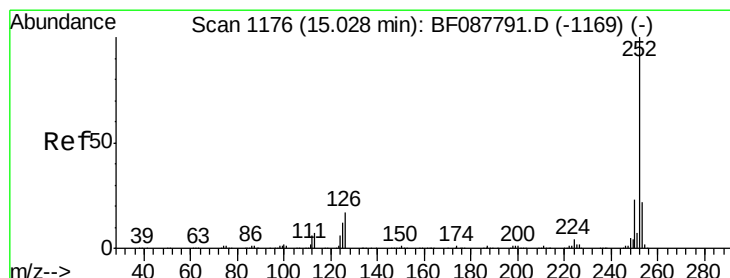
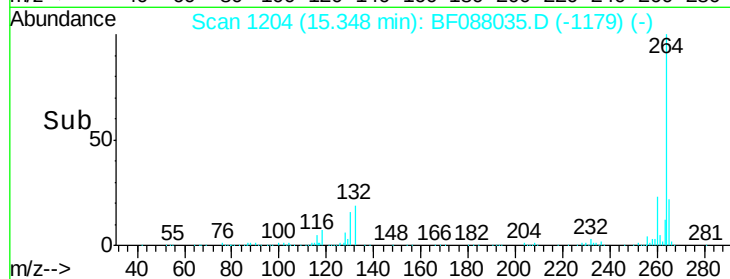
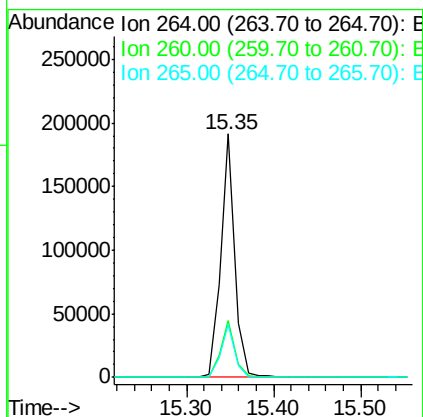
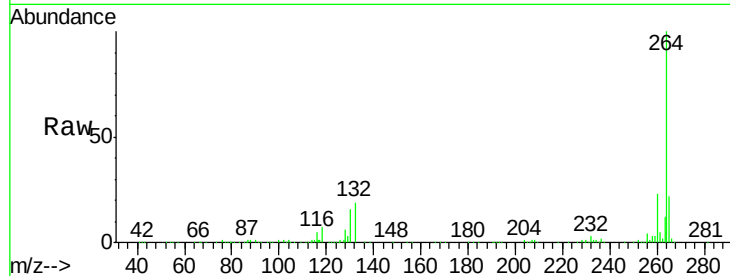




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.35 min Scan# 1204
Delta R.T. -0.01 min
Lab File: BF088035.D
Acq: 15 Jun 2016 9:11

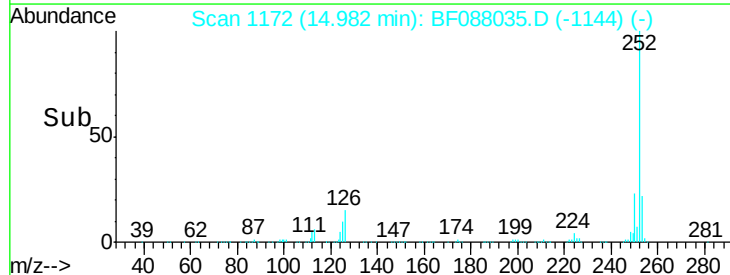
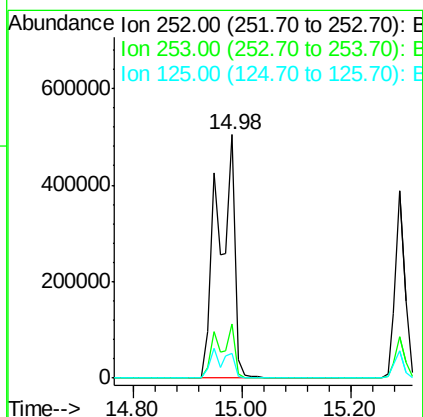
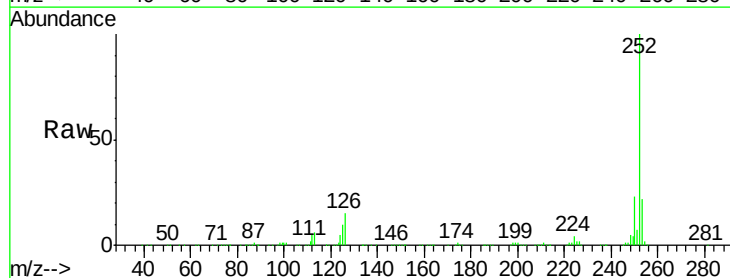
Instrument :
BNA_F
ClientSampleId :
HSR-WC-50-060616MSD

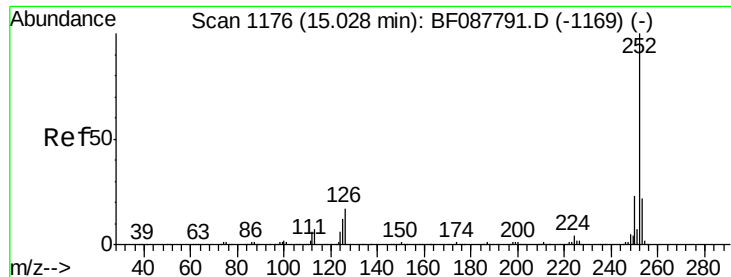
Tgt Ion: 264 Resp: 217252
Ion Ratio Lower Upper
264 100
260 23.3 19.2 28.8
265 21.5 16.9 25.3



#87
Benzo(b)fluoranthene
Concen: 72.86 ng
RT: 14.98 min Scan# 1172
Delta R.T. 0.02 min
Lab File: BF088035.D
Acq: 15 Jun 2016 9:11

Tgt Ion: 252 Resp: 1103292
Ion Ratio Lower Upper
252 100
253 22.4 17.4 26.2
125 10.3 7.1 10.7

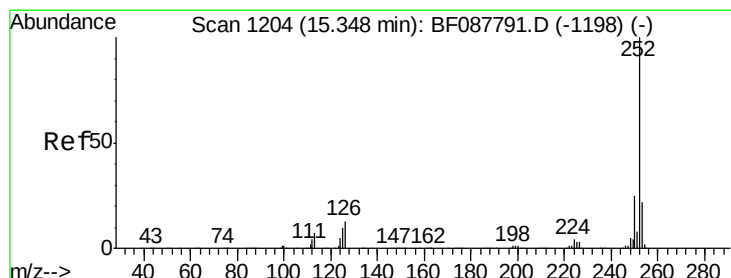
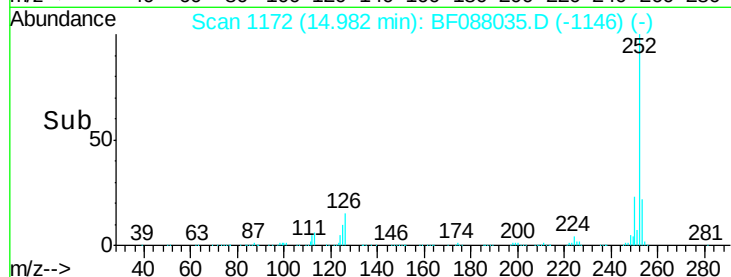
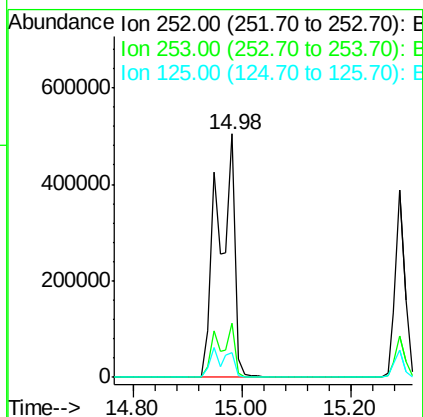
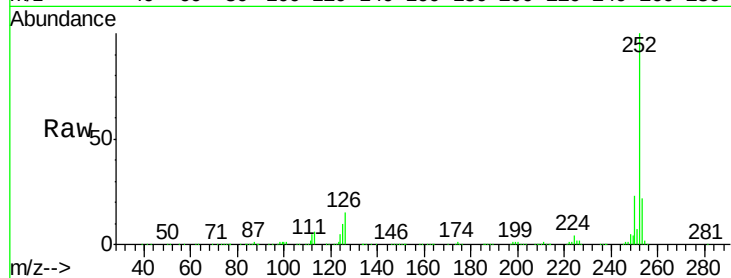




#88
Benzo(k)fluoranthene
Concen: 96.59 ng
RT: 14.98 min Scan# 1172
Delta R.T. -0.00 min
Lab File: BF088035.D
Acq: 15 Jun 2016 9:11

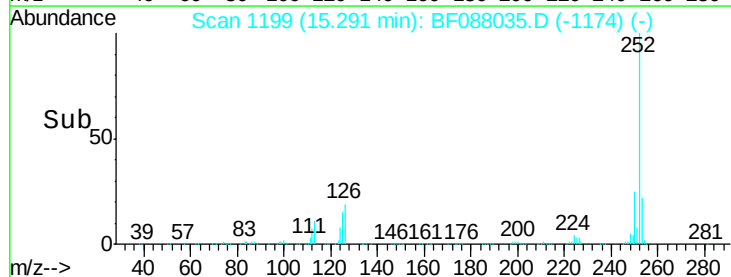
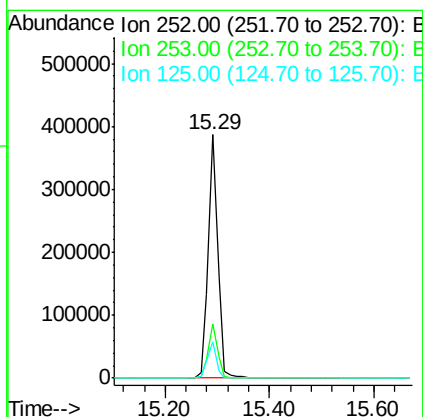
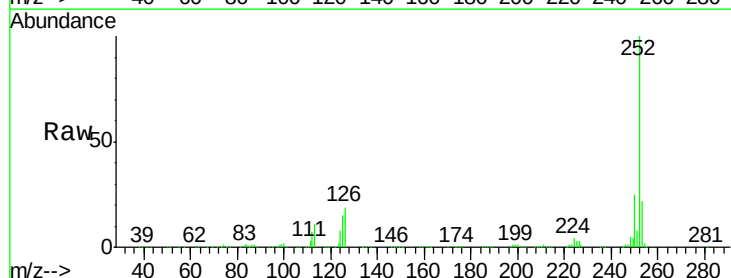
Instrument :
BNA_F
ClientSampleId :
HSR-WC-50-060616MSD

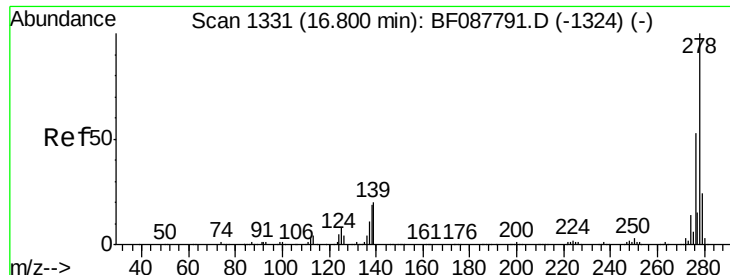
Tgt Ion:252 Resp: 1103292
Ion Ratio Lower Upper
252 100
253 22.4 18.0 27.0
125 10.3 11.2 16.8#



#89
Benzo(a)pyrene
Concen: 40.25 ng
RT: 15.29 min Scan# 1199
Delta R.T. -0.01 min
Lab File: BF088035.D
Acq: 15 Jun 2016 9:11

Tgt Ion:252 Resp: 493159
Ion Ratio Lower Upper
252 100
253 22.3 17.9 26.9
125 14.9 12.5 18.7

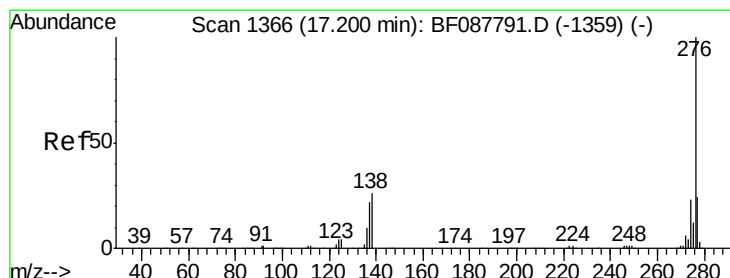
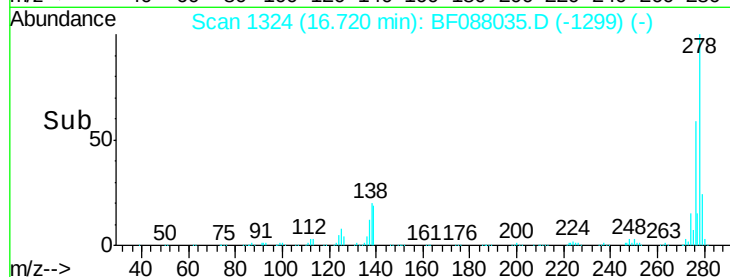
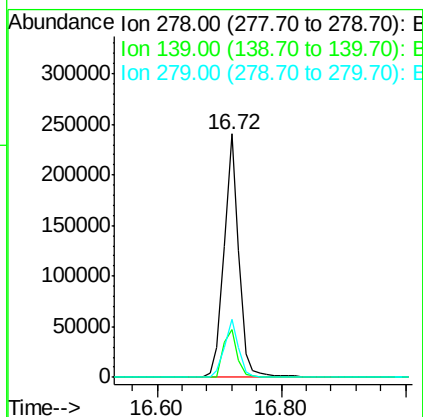
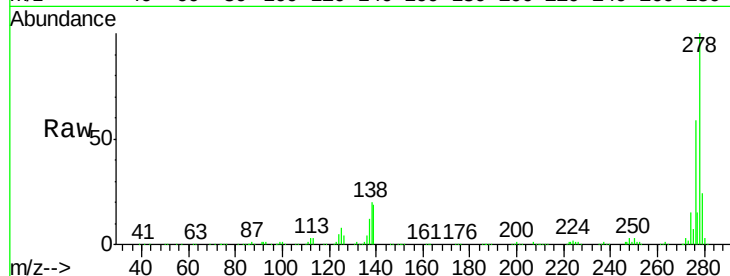




#90
Dibenzo(a,h)anthracene
Concen: 34.77 ng
RT: 16.72 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BF088035.D
Acq: 15 Jun 2016 9:11

Instrument :
BNA_F
ClientSampleId :
HSR-WC-50-060616MSD

Tgt Ion: 278 Resp: 395648
Ion Ratio Lower Upper
278 100
139 19.5 15.7 23.5
279 23.7 19.4 29.2



#91
Benzo(g,h,i)perylene
Concen: 33.58 ng
RT: 17.12 min Scan# 1359
Delta R.T. -0.01 min
Lab File: BF088035.D
Acq: 15 Jun 2016 9:11

Tgt Ion: 276 Resp: 393056
Ion Ratio Lower Upper
276 100
277 23.7 18.9 28.3
138 22.5 21.4 32.2

