

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051616\
 Data File : BF087090.D
 Acq On : 16 May 2016 19:24
 Operator : UM/SJ
 Sample : H3074-01MS
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-44-051216MSD

Quant Time: May 17 00:56:18 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 13 14:55:23 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	467803	20.00	ng	0.07
21) Naphthalene-d8	7.90	136	514454	20.00	ng	-0.09
38) Acenaphthene-d10	9.64	164	202493	20.00	ng	-0.09
63) Phenanthrene-d10	11.12	188	314849	20.00	ng	-0.09
75) Chrysene-d12	13.75	240	231951	20.00	ng	-0.09
86) Perylene-d12	15.11	264	195292	20.00	ng	-0.10

System Monitoring Compounds

5) 2-Fluorophenol	5.22	112	1030841	37.32	ng	-0.07
7) Phenol-d6	6.28	99	1244108	33.70	ng	-0.08
23) Nitrobenzene-d5	7.19	82	955698	93.28	ng	-0.08
41) 2,4,6-Tribromophenol	10.43	330	255635	119.25	ng	-0.09
44) 2-Fluorobiphenyl	8.98	172	1476885	122.58	ng	-0.08
78) Terphenyl-d14	12.71	244	1061527	97.10	ng	-0.09

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.24	88	144545	10.66	ng	# 66
3) Pyridine	2.88	79	255932	7.72	ng	# 64
4) n-Nitrosodimethylamine	2.79	42	310371	12.91	ng	# 50
8) 2-Chlorophenol	6.40	128	399071	11.97	ng	# 76
10) Phenol	6.30	94	446660	10.18	ng	# 62
12) 1,3-Dichlorobenzene	6.63	146	432403	11.99	ng	97
13) 1,4-Dichlorobenzene	6.63	146	432403	11.75	ng	98
14) 1,2-Dichlorobenzene	6.78	146	373108	11.64	ng	96
15) Benzyl Alcohol	6.78	79	253038	9.93	ng	90
16) 2,2'-oxybis(1-Chloropropan	6.90	45	877245	11.79	ng	75
17) 2-Methylphenol	7.06	107	446387	16.83	ng	# 77
19) n-Nitroso-di-n-propylamine	7.19	70	139579	5.41	ng	# 74
20) 3+4-Methylphenols	7.06	107	445868	12.87	ng	# 60
22) Acetophenone	7.03	105	593948	48.88	ng	# 94
24) Nitrobenzene	7.20	77	452808	42.96	ng	92
25) Isophorone	7.45	82	872452	45.90	ng	96
26) 2-Nitrophenol	7.52	139	178676	38.57	ng	# 71
27) 2,4-Dimethylphenol	7.59	122	344599	43.67	ng	94
28) bis(2-Chloroethoxy)methane	7.67	93	465861	45.43	ng	99
29) 2,4-Dichlorophenol	7.78	162	303810	43.74	ng	94
30) 1,2,4-Trichlorobenzene	7.84	180	327590	42.18	ng	95
31) Naphthalene	7.92	128	1143980	44.40	ng	99
32) Benzoic acid	7.75	122	205409	44.32	ng	83
33) 4-Chloroaniline	8.00	127	58923	5.89	ng	# 87
34) Hexachlorobutadiene	8.03	225	186398	41.36	ng	98
35) Caprolactam	8.36	113	83075	35.15	ng	# 46
36) 4-Chloro-3-methylphenol	8.49	107	317276	37.66	ng	87
37) 2-Methylnaphthalene	8.60	142	671696	44.59	ng	# 96
39) 1,2,4,5-Tetrachlorobenzene	8.78	216	292788	49.73	ng	98
40) Hexachlorocyclopentadiene	8.75	237	34843	12.47	ng	100
42) 2,4,6-Trichlorophenol	8.90	196	192513	48.90	ng	95
43) 2,4,5-Trichlorophenol	8.96	196	178845	43.93	ng	96
45) 1,1'-Biphenyl	9.07	154	788732	48.97	ng	96
46) 2-Chloronaphthalene	9.10	162	580995	46.04	ng	93

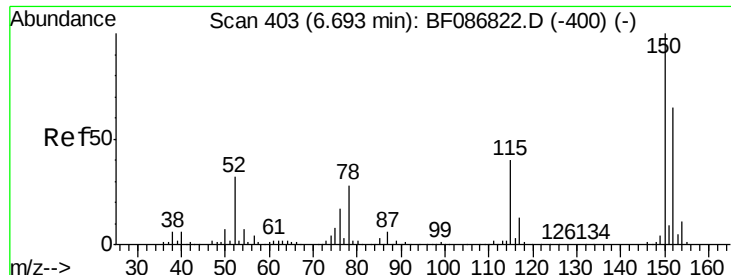
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051616\
 Data File : BF087090.D
 Acq On : 16 May 2016 19:24
 Operator : UM/SJ
 Sample : H3074-01MS
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-44-051216MSD

Quant Time: May 17 00:56:18 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 13 14:55:23 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
47) 2-Nitroaniline	9.21	65	254056	55.09	ng	# 81
48) Acenaphthylene	9.51	152	887418	47.81	ng	99
49) Dimethylphthalate	9.38	163	751895	48.67	ng	100
50) 2,6-Dinitrotoluene	9.45	165	145071	44.62	ng	# 88
51) Acenaphthene	9.68	154	575644	49.86	ng	99
52) 3-Nitroaniline	9.62	138	42255	12.35	ng	98
53) 2,4-Dinitrophenol	9.74	184	22634	20.00	ng	# 82
54) Dibenzofuran	9.85	168	779797	52.61	ng	94
55) 4-Nitrophenol	9.85	139	503325	212.53	ng	# 20
56) 2,4-Dinitrotoluene	9.85	165	149442	37.14	ng	# 33
57) Fluorene	10.19	166	613285	48.52	ng	99
58) 2,3,4,6-Tetrachlorophenol	9.99	232	145195	47.37	ng	# 94
59) Diethylphthalate	10.08	149	671470	44.60	ng	99
60) 4-Chlorophenyl-phenylether	10.19	204	279895	53.27	ng	# 78
61) 4-Nitroaniline	10.23	138	109299	33.25	ng	# 62
62) Azobenzene	10.34	77	649890	40.01	ng	82
64) 4,6-Dinitro-2-methylphenol	10.26	198	19768	10.11	ng	# 47
65) n-Nitrosodiphenylamine	10.31	169	303985	31.43	ng	100
66) 4-Bromophenyl-phenylether	10.67	248	169771	53.18	ng	95
67) Hexachlorobenzene	10.74	284	184851	49.55	ng	98
68) Atrazine	10.85	200	74222	22.97	ng	96
69) Pentachlorophenol	10.95	266	154027	89.34	ng	98
70) Phenanthrene	11.14	178	792725	47.18	ng	99
71) Anthracene	11.20	178	868812	50.56	ng	100
72) Carbazole	11.36	167	552125	37.38	ng	98
73) Di-n-butylphthalate	11.70	149	991139	54.94	ng	99
74) Fluoranthene	12.33	202	854462	49.44	ng	94
76) Benzidine	12.47	184	39754	6.72	ng	97
77) Pyrene	12.56	202	836345	47.10	ng	98
79) Butylbenzylphthalate	13.19	149	395334	52.63	ng	91
80) Benzo(a)anthracene	13.74	228	658368	50.56	ng	99
81) 3,3'-Dichlorobenzidine	13.71	252	22364	2.70	ng	# 91
82) Chrysene	13.78	228	675697	51.01	ng	99
83) Bis(2-ethylhexyl)phthalate	13.75	149	526202	58.24	ng	98
84) Di-n-octyl phthalate	14.35	149	894289	59.75	ng	# 82
85) Indeno(1,2,3-cd)pyrene	16.37	276	504391	45.77	ng	95
87) Benzo(b)fluoranthene	14.74	252	1108179	87.31	ng	98
88) Benzo(k)fluoranthene	14.74	252	1108179	106.63	ng	99
89) Benzo(a)pyrene	15.06	252	528127	48.24	ng	97
90) Dibenzo(a,h)anthracene	16.37	278	435017	47.15	ng	99
91) Benzo(g,h,i)perylene	16.73	276	407452	43.46	ng	94

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.76 min Scan# 453

Delta R.T. 0.07 min

Lab File: BF087090.D

Acq: 16 May 2016 19:24

Instrument :

BNA_F

ClientSampleId :

HSR-WC-44-051216MSD

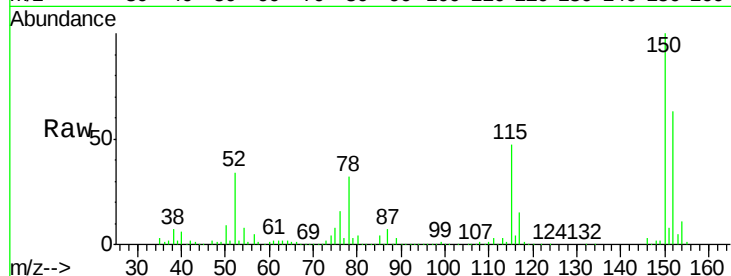
Tgt Ion:152 Resp: 467803

Ion Ratio Lower Upper

152 100

150 158.1 125.8 188.6

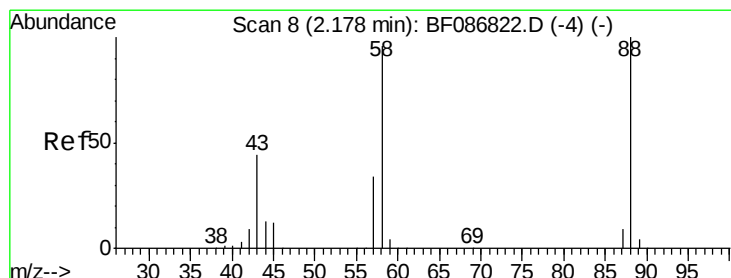
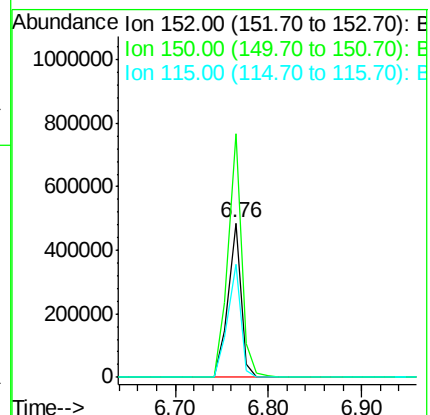
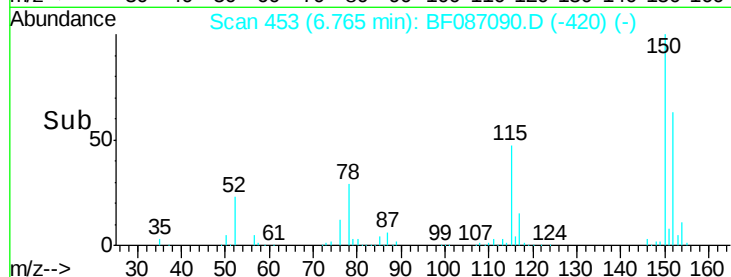
115 73.7 51.5 77.3



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: 10.66 ng

RT: 2.24 min Scan# 57

Delta R.T. 0.06 min

Lab File: BF087090.D

Acq: 16 May 2016 19:24

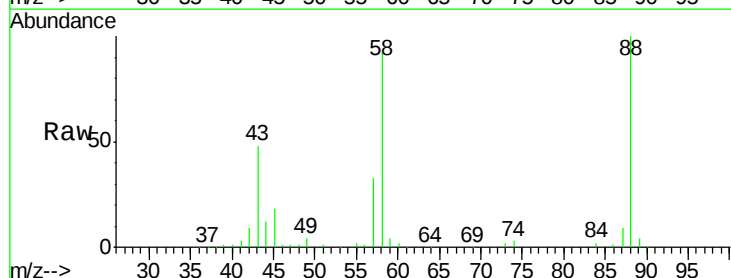
Tgt Ion: 88 Resp: 144545

Ion Ratio Lower Upper

88 100

58 98.0 59.6 89.4#

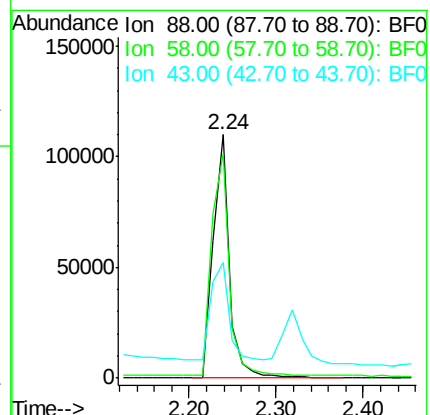
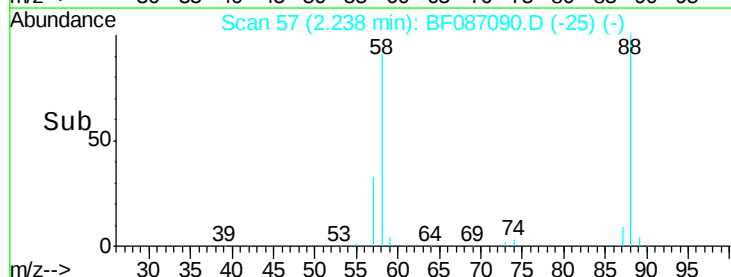
43 0.0 21.8 32.6#

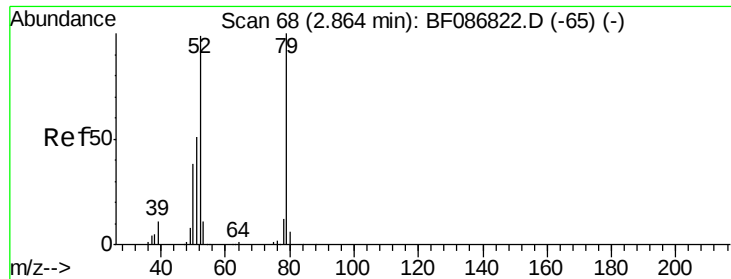


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 7.72 ng

RT: 2.88 min Scan# 113

Delta R.T. 0.01 min

Lab File: BF087090.D

Acq: 16 May 2016 19:24

Instrument :

BNA_F

ClientSampleId :

HSR-WC-44-051216MSD

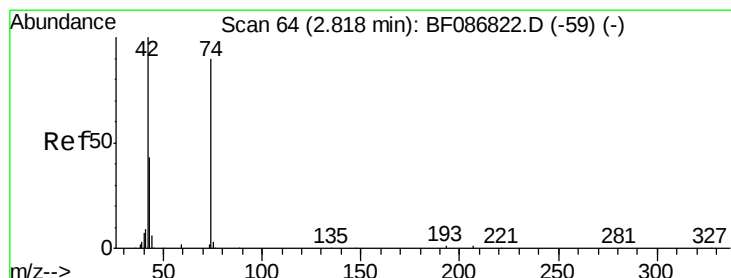
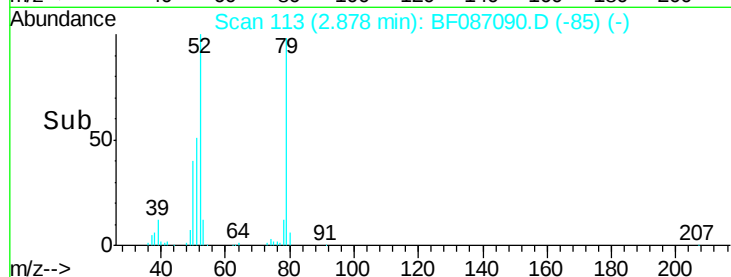
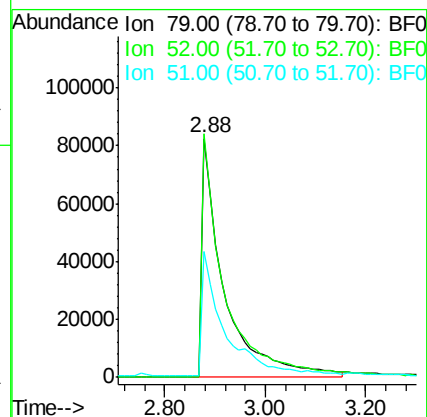
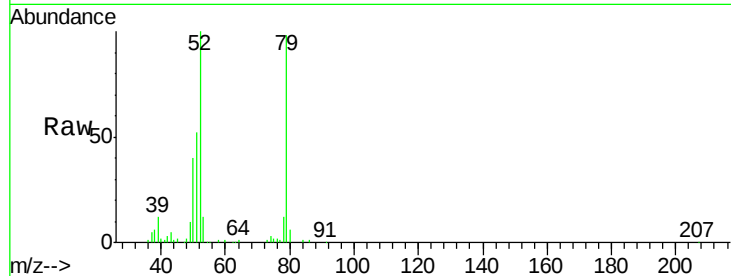
Tgt Ion: 79 Resp: 255932

Ion Ratio Lower Upper

79 100

52 102.0 55.9 83.9#

51 53.0 28.1 42.1#



#4

n-Nitrosodimethylamine

Concen: 12.91 ng

RT: 2.79 min Scan# 105

Delta R.T. -0.03 min

Lab File: BF087090.D

Acq: 16 May 2016 19:24

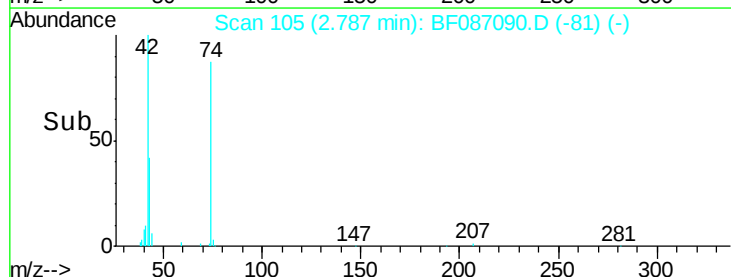
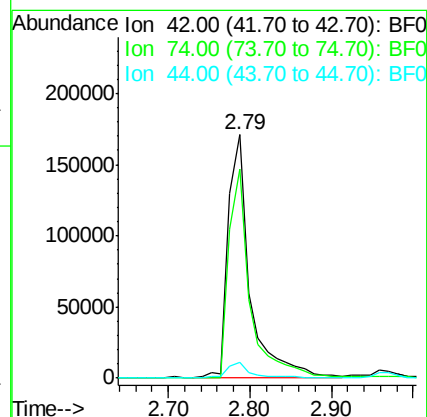
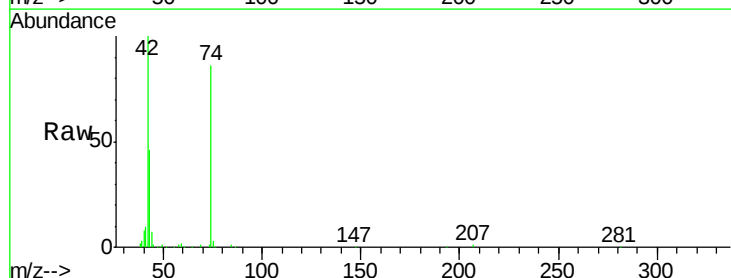
Tgt Ion: 42 Resp: 310371

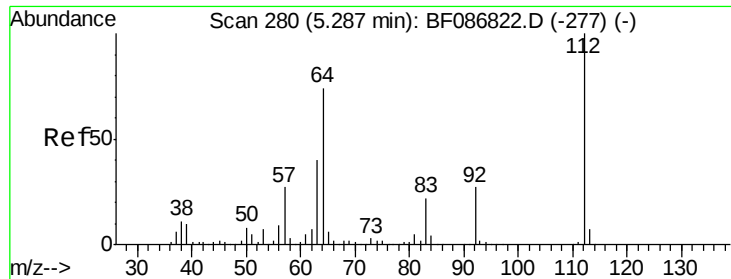
Ion Ratio Lower Upper

42 100

74 86.1 123.4 185.0#

44 6.7 5.8 8.6





#5

2-Fluorophenol

Concen: 37.32 ng

RT: 5.22 min Scan# 318

Delta R.T. -0.07 min

Lab File: BF087090.D

Acq: 16 May 2016 19:24

Instrument :

BNA_F

ClientSampleId :

HSR-WC-44-051216MSD

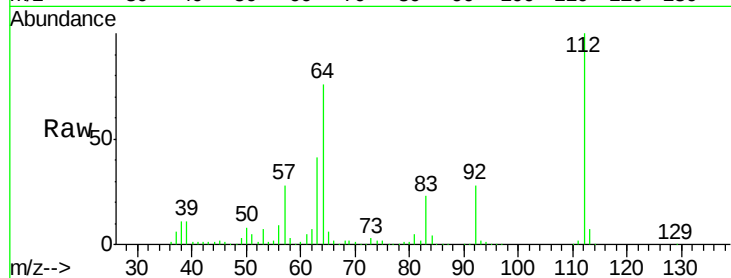
Tgt Ion:112 Resp: 1030841

Ion Ratio Lower Upper

112 100

64 75.7 52.1 78.1

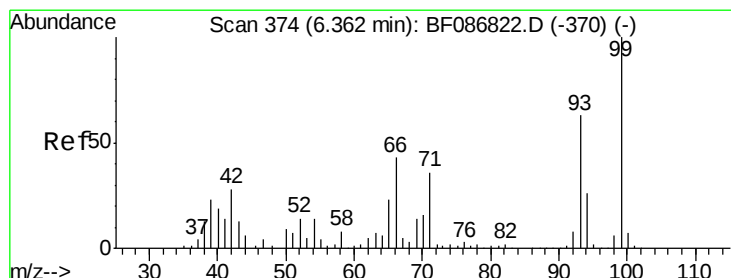
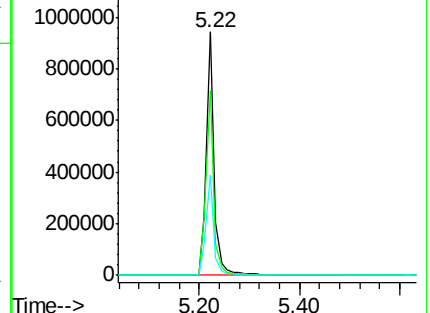
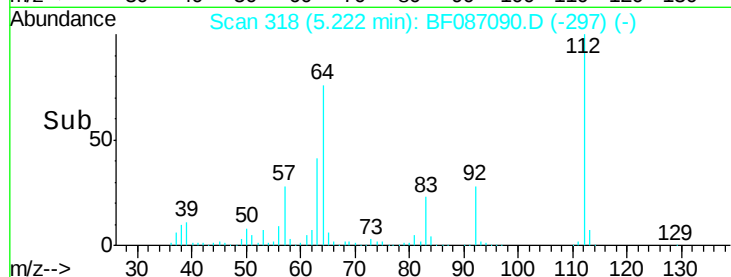
63 41.4 25.7 38.5#



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#7

Phenol-d6

Concen: 33.70 ng

RT: 6.28 min Scan# 411

Delta R.T. -0.08 min

Lab File: BF087090.D

Acq: 16 May 2016 19:24

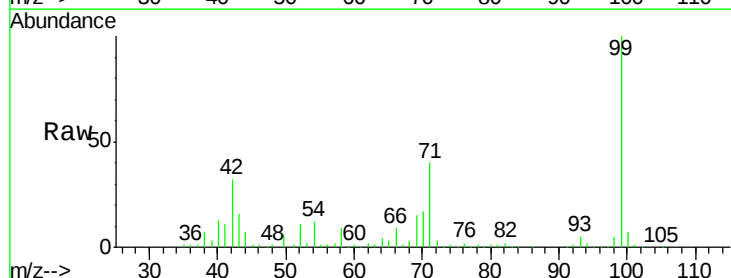
Tgt Ion: 99 Resp: 1244108

Ion Ratio Lower Upper

99 100

42 31.6 13.6 20.4#

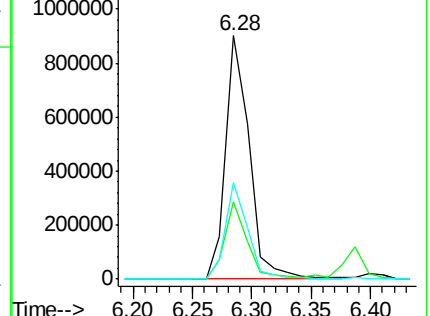
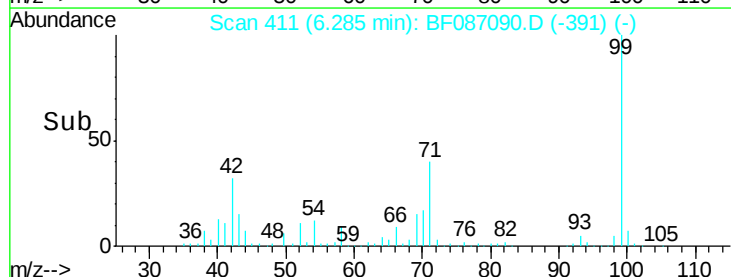
71 39.7 24.6 36.8#

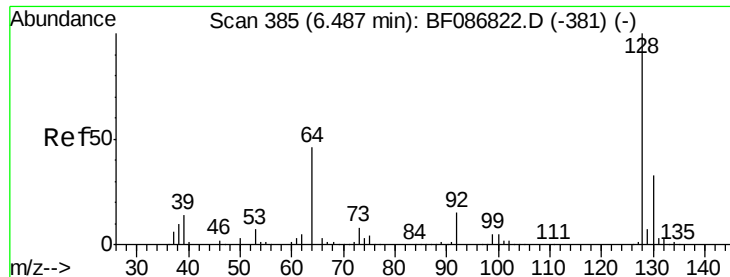


Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0





#8

2-Chlorophenol

Concen: 11.97 ng

RT: 6.40 min Scan# 421

Delta R.T. -0.09 min

Lab File: BF087090.D

Acq: 16 May 2016 19:24

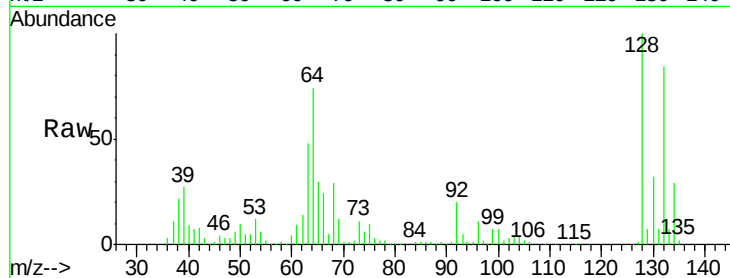
Instrument :

BNA_F

ClientSampleId :

HSR-WC-44-051216MSD

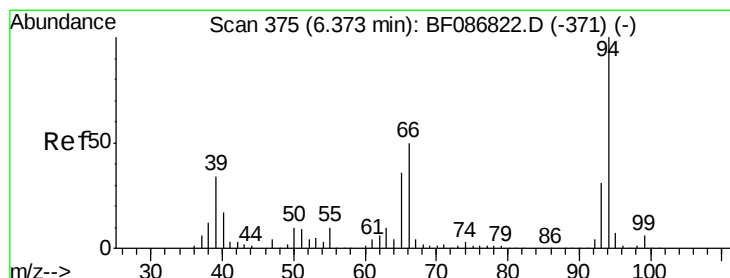
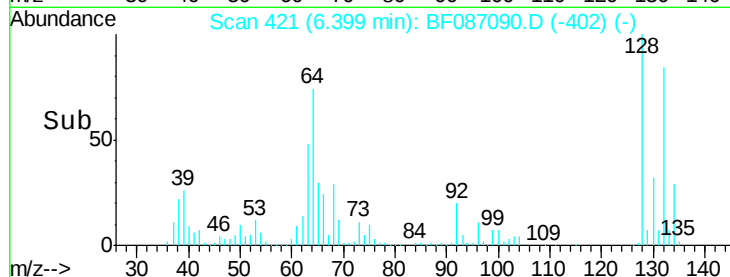
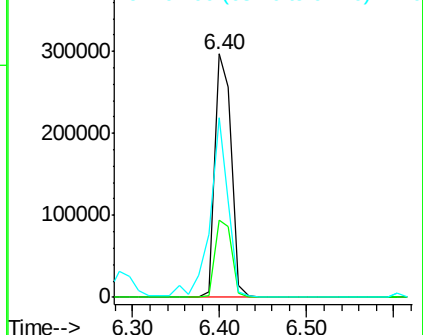
Tgt Ion:	128	Resp:	399071
Ion	Ratio	Lower	Upper
128	100		
130	31.6	12.5	52.5
64	73.9	27.3	67.3#



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: 10.18 ng

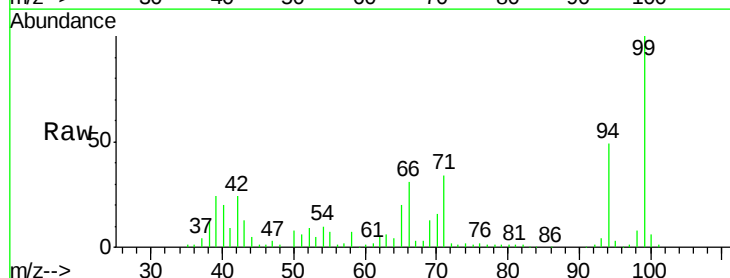
RT: 6.30 min Scan# 412

Delta R.T. -0.08 min

Lab File: BF087090.D

Acq: 16 May 2016 19:24

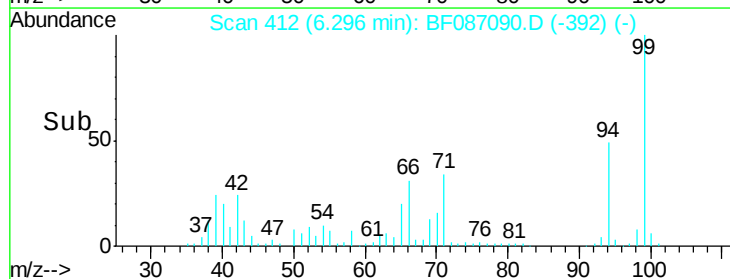
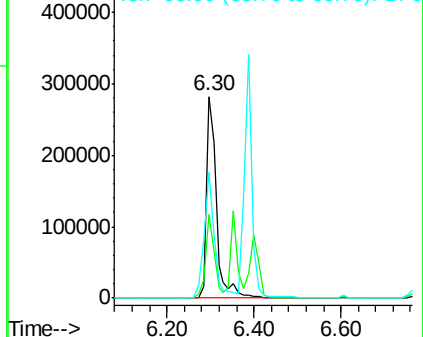
Tgt Ion:	94	Resp:	446660
Ion	Ratio	Lower	Upper
94	100		
65	41.4	7.2	47.2
66	62.0	14.9	54.9#

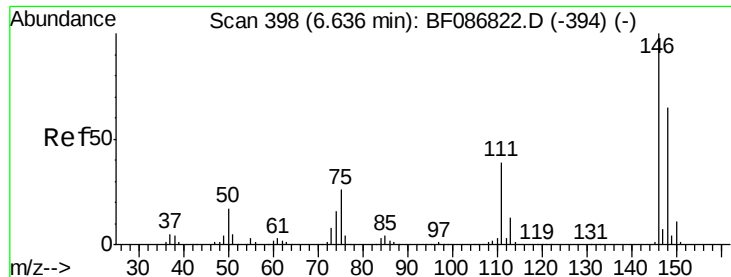


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#12

1,3-Dichlorobenzene

Concen: 11.99 ng

RT: 6.63 min Scan# 441

Delta R.T. -0.01 min

Lab File: BF087090.D

Acq: 16 May 2016 19:24

Instrument :

BNA_F

ClientSampleId :

HSR-WC-44-051216MSD

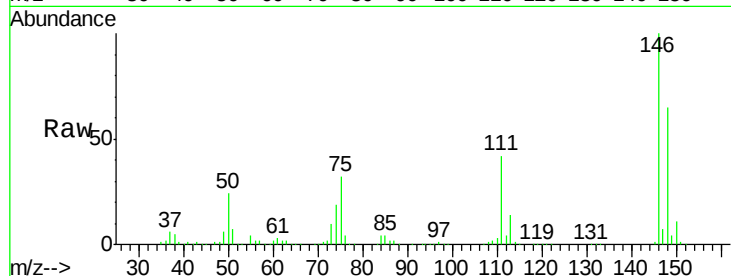
Tgt Ion:146 Resp: 432403

Ion Ratio Lower Upper

146 100

148 65.2 52.4 78.6

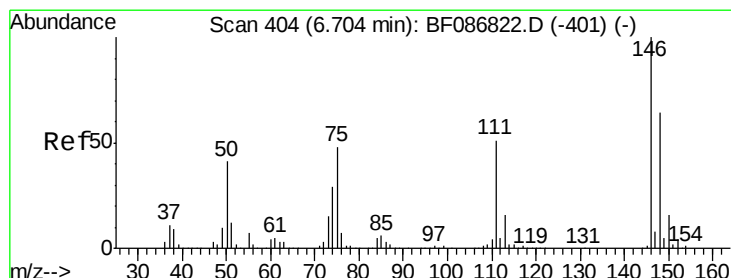
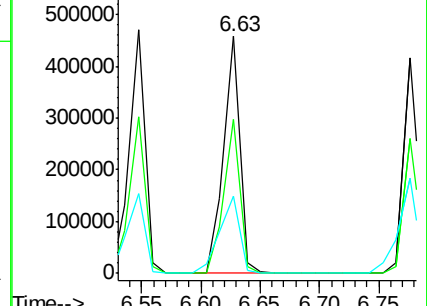
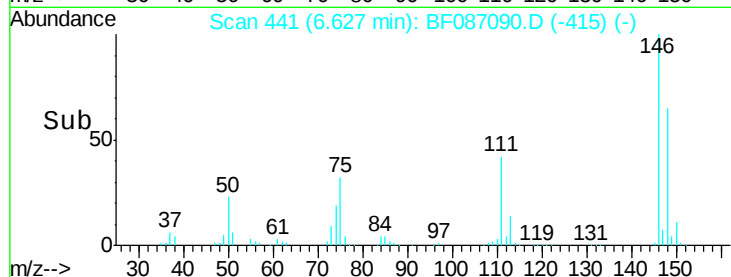
75 32.5 22.8 34.2



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: 11.75 ng

RT: 6.63 min Scan# 441

Delta R.T. -0.08 min

Lab File: BF087090.D

Acq: 16 May 2016 19:24

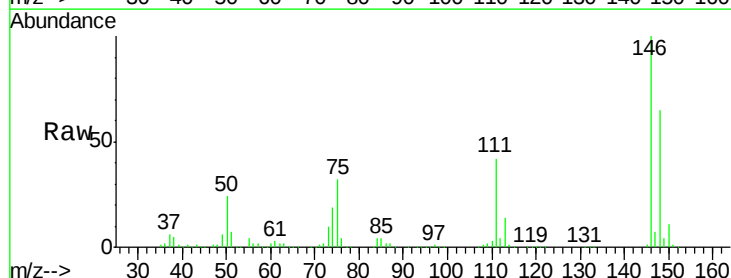
Tgt Ion:146 Resp: 432403

Ion Ratio Lower Upper

146 100

148 65.2 52.2 78.4

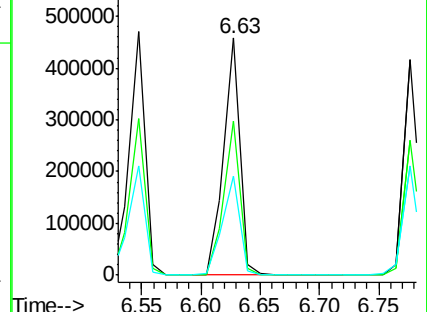
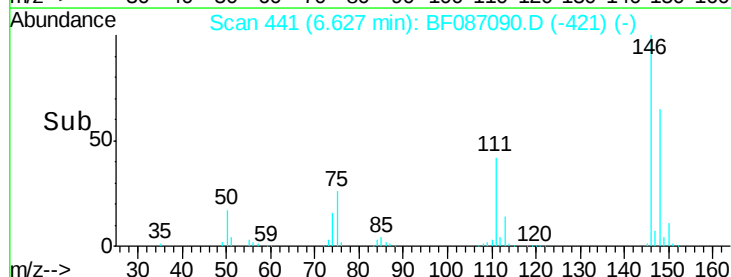
111 41.9 30.7 46.1

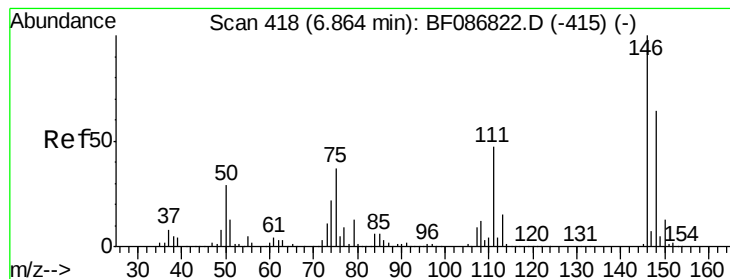


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

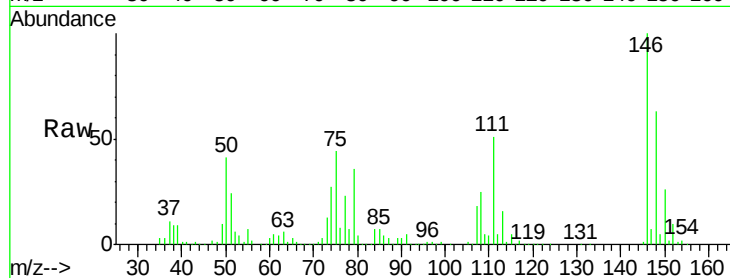




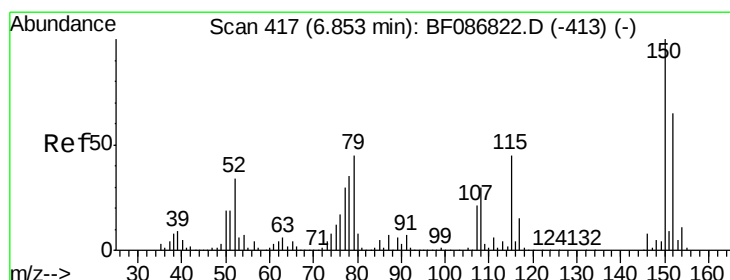
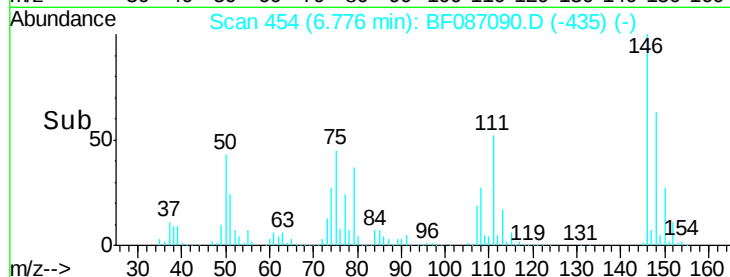
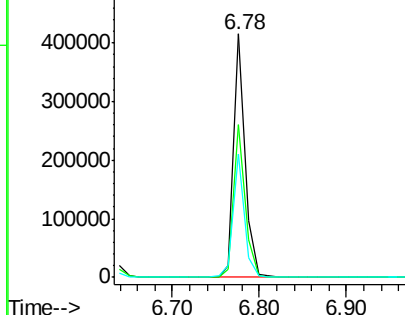
#14
 1,2-Dichlorobenzene
 Concen: 11.64 ng
 RT: 6.78 min Scan# 454
 Delta R.T. -0.09 min
 Lab File: BF087090.D
 Acq: 16 May 2016 19:24

Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-44-051216MSD

Tgt Ion: 146 Resp: 373108
 Ion Ratio Lower Upper
 146 100
 148 62.8 51.0 76.6
 111 50.7 36.2 54.4

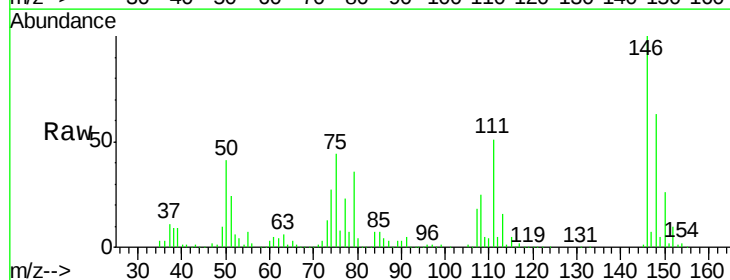


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

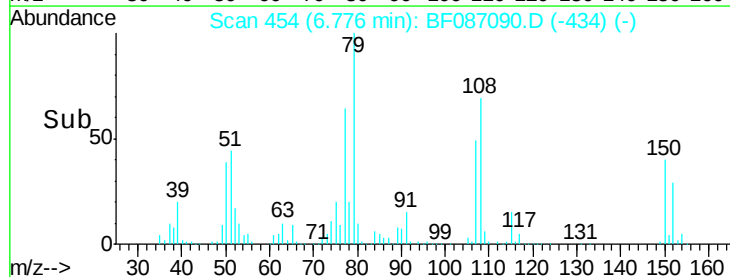
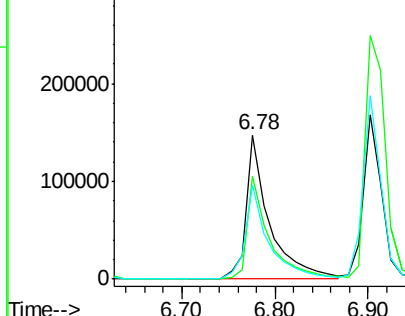


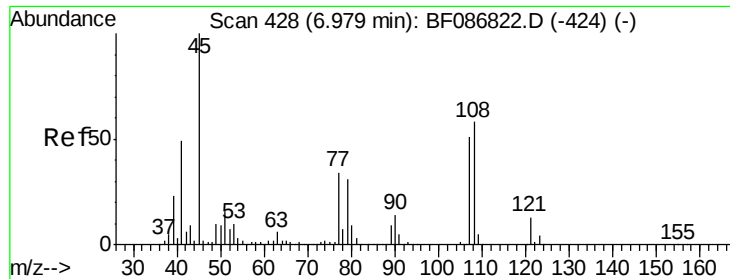
#15
 Benzyl Alcohol
 Concen: 9.93 ng
 RT: 6.78 min Scan# 454
 Delta R.T. -0.08 min
 Lab File: BF087090.D
 Acq: 16 May 2016 19:24

Tgt Ion: 79 Resp: 253038
 Ion Ratio Lower Upper
 79 100
 108 71.6 68.4 102.6
 77 64.9 50.6 76.0



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

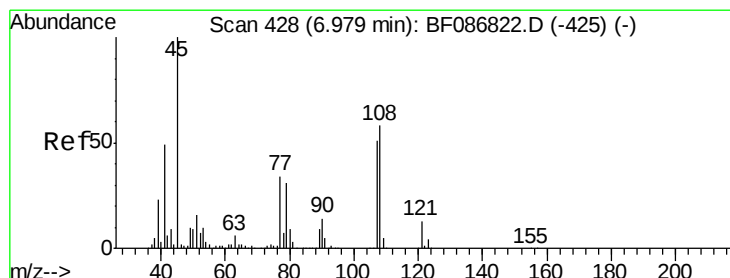
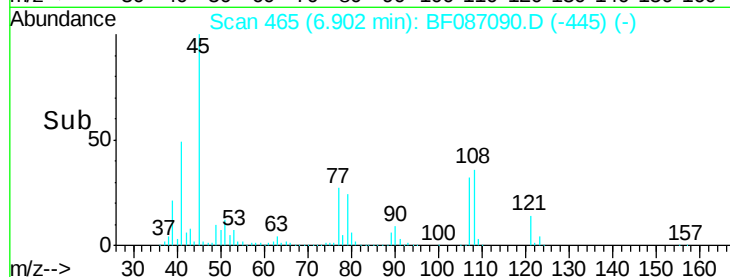
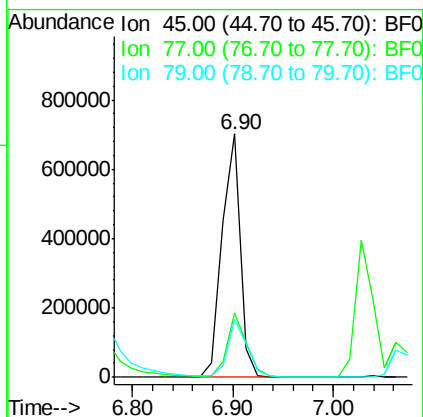
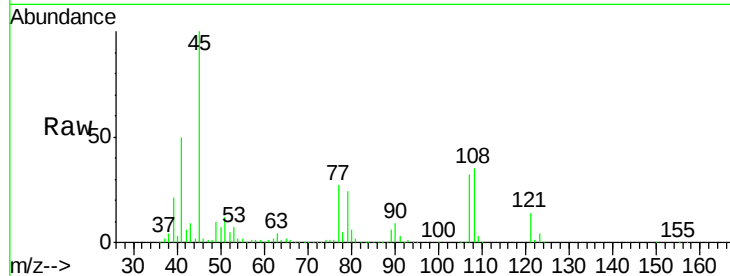




#16
2,2'-oxybis(1-Chloropropane)
Concen: 11.79 ng
RT: 6.90 min Scan# 465
Delta R.T. -0.08 min
Lab File: BF087090.D
Acq: 16 May 2016 19:24

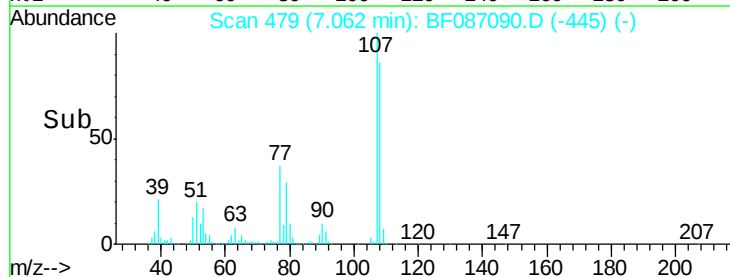
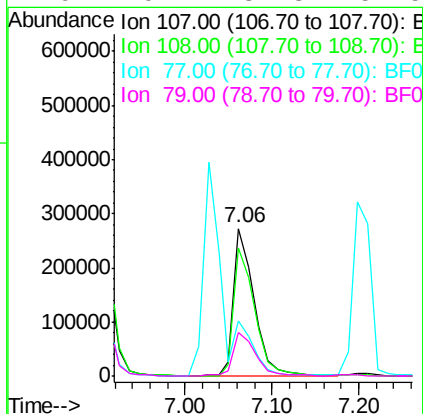
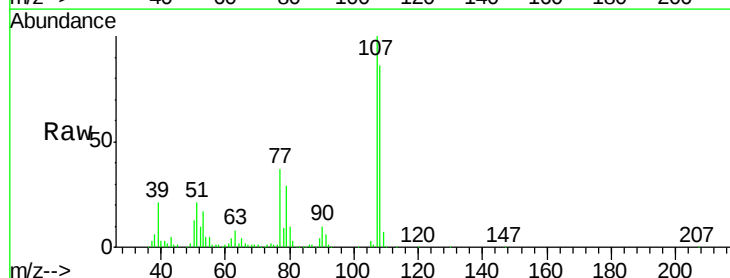
Instrument :
BNA_F
ClientSampleId :
HSR-WC-44-051216MSD

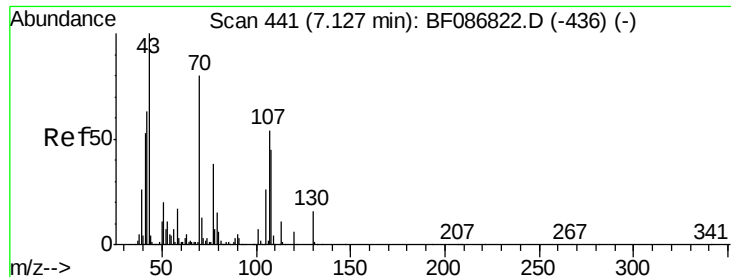
Tgt Ion: 45 Resp: 877245
Ion Ratio Lower Upper
45 100
77 26.7 0.0 36.4
79 23.9 0.0 33.4



#17
2-Methylphenol
Concen: 16.83 ng
RT: 7.06 min Scan# 479
Delta R.T. 0.08 min
Lab File: BF087090.D
Acq: 16 May 2016 19:24

Tgt Ion: 107 Resp: 446387
Ion Ratio Lower Upper
107 100
108 86.3 93.7 140.5#
77 36.9 33.4 50.0
79 29.1 34.3 51.5#

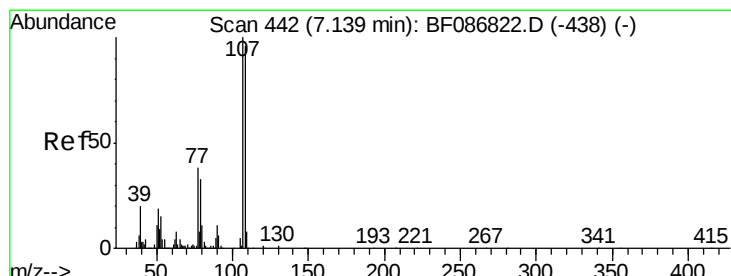
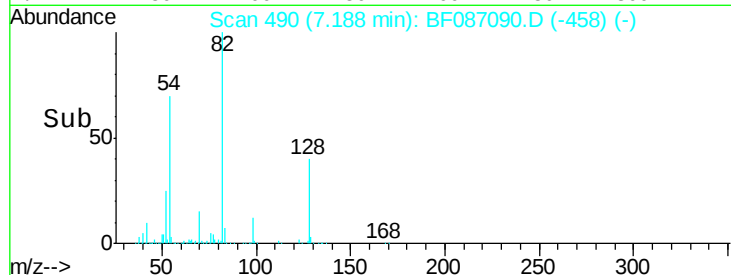
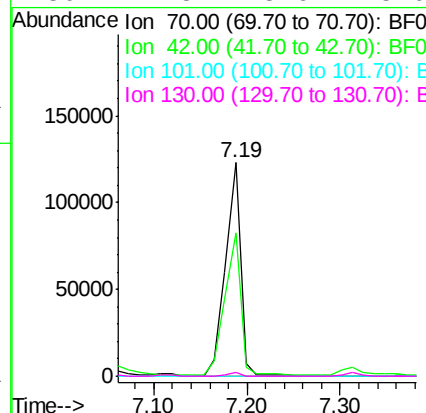
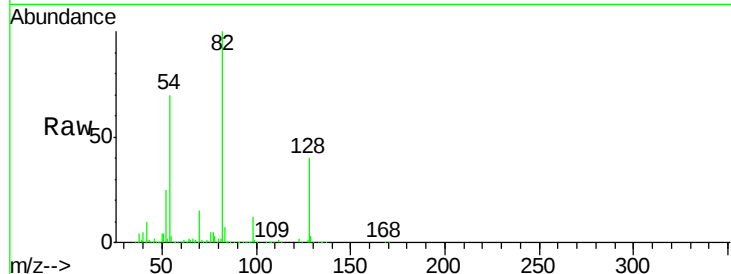




#19
n-Nitroso-di-n-propylamine
Concen: 5.41 ng
RT: 7.19 min Scan# 490
Delta R.T. 0.06 min
Lab File: BF087090.D
Acq: 16 May 2016 19:24

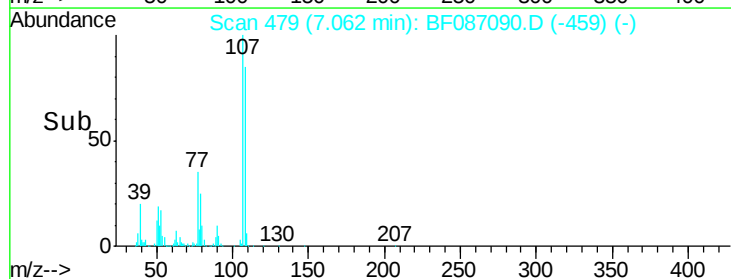
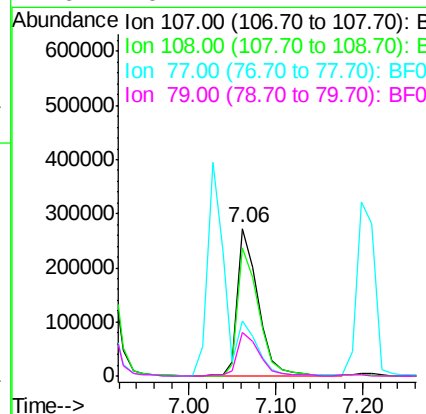
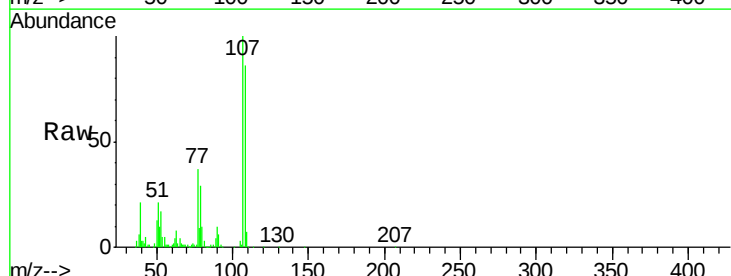
Instrument :
BNA_F
ClientSampleId :
HSR-WC-44-051216MSD

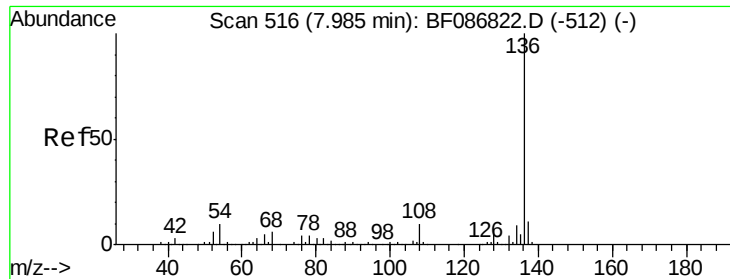
Tgt Ion: 70 Resp: 139579
Ion Ratio Lower Upper
70 100
42 67.3 43.1 64.7#
101 0.0 8.1 12.1#
130 1.8 18.6 28.0#



#20
3+4-Methylphenols
Concen: 12.87 ng
RT: 7.06 min Scan# 479
Delta R.T. -0.08 min
Lab File: BF087090.D
Acq: 16 May 2016 19:24

Tgt Ion: 107 Resp: 445868
Ion Ratio Lower Upper
107 100
108 86.3 68.5 108.5
77 36.9 101.6 141.6#
79 29.1 7.4 47.4





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.90 min Scan# 552

Delta R.T. -0.09 min

Lab File: BF087090.D

Acq: 16 May 2016 19:24

Instrument :

BNA_F

ClientSampleId :

HSR-WC-44-051216MSD

Tgt Ion:136 Resp: 514454

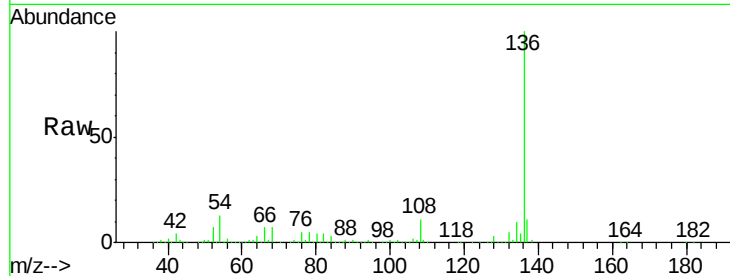
Ion Ratio Lower Upper

136 100

137 10.9 8.8 13.2

54 12.6 5.0 7.4#

68 6.5 4.4 6.6

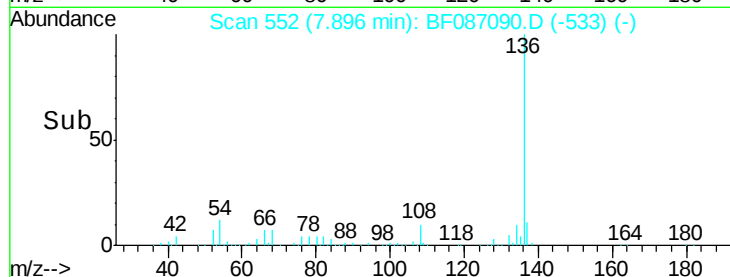


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

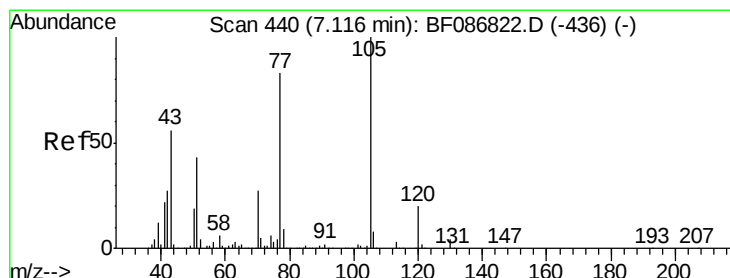
Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->

7.90



#22

Acetophenone

Concen: 48.88 ng

RT: 7.03 min Scan# 476

Delta R.T. -0.09 min

Lab File: BF087090.D

Acq: 16 May 2016 19:24

Tgt Ion:105 Resp: 593948

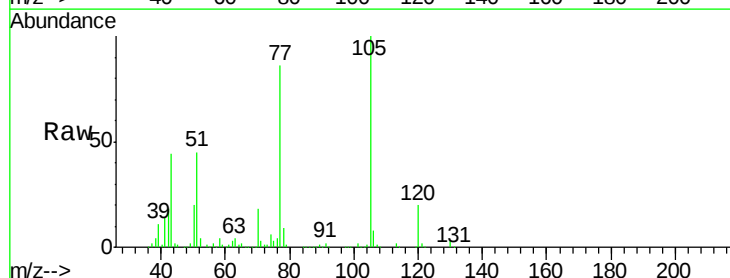
Ion Ratio Lower Upper

105 100

71 3.0 4.8 7.2#

51 45.5 32.6 49.0

120 20.0 16.5 24.7

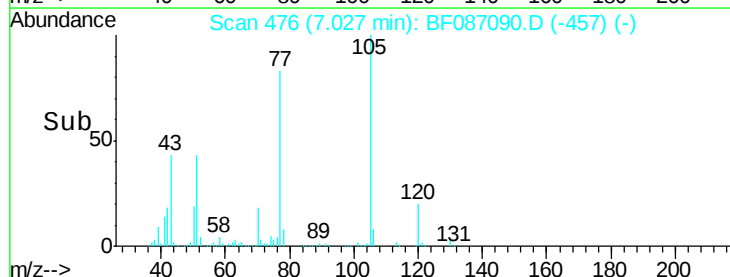


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

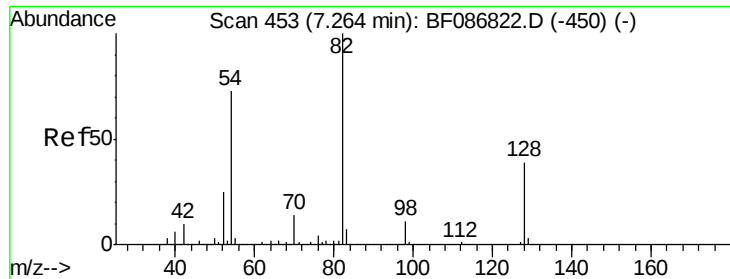
Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



Time-->

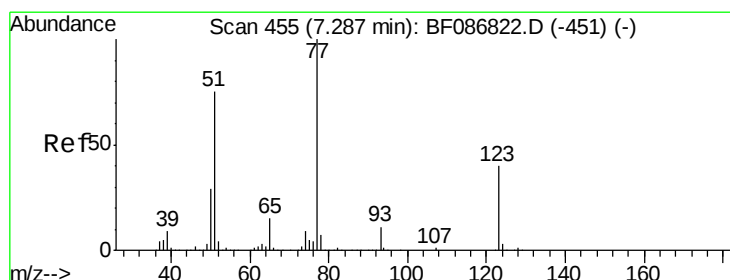
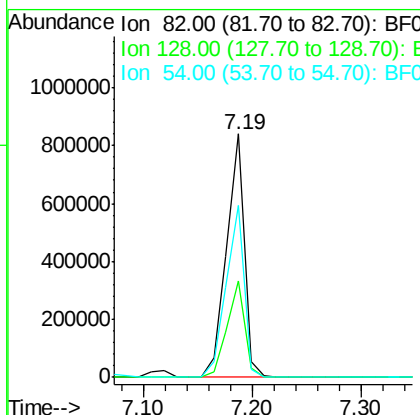
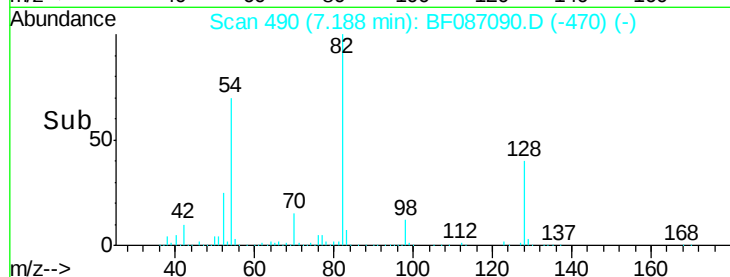
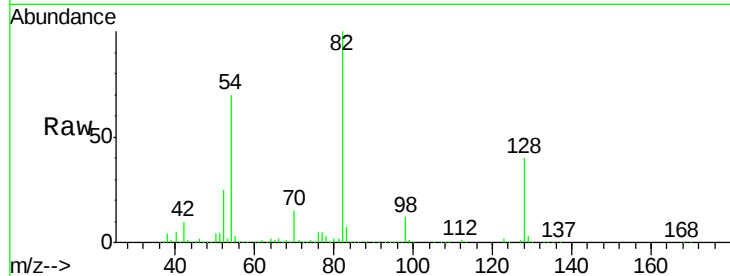
7.03



#23
 Nitrobenzene-d5
 Concen: 93.28 ng
 RT: 7.19 min Scan# 490
 Delta R.T. -0.08 min
 Lab File: BF087090.D
 Acq: 16 May 2016 19:24

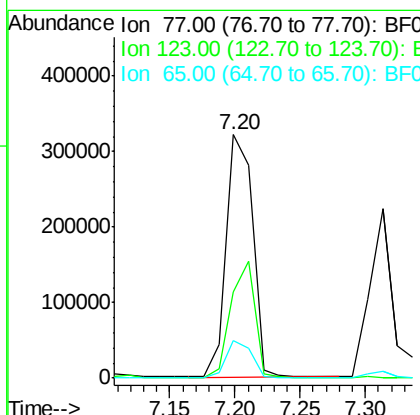
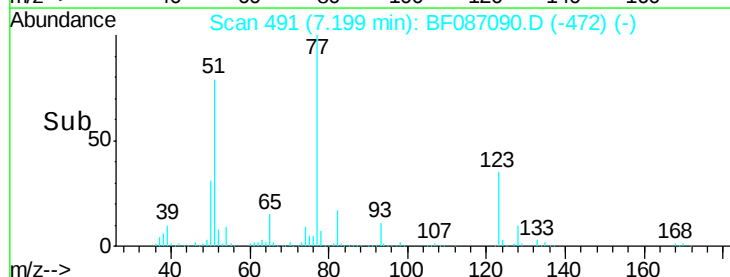
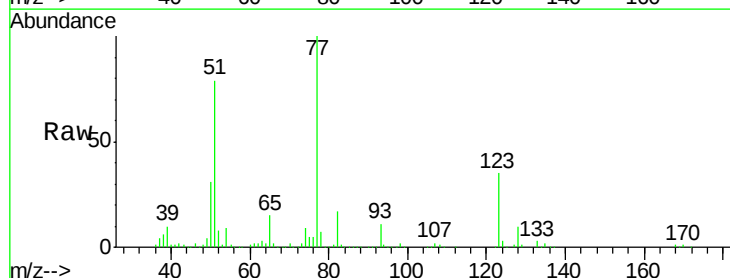
Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-44-051216MSD

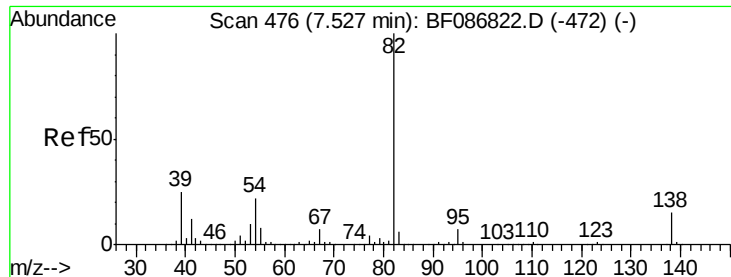
Tgt Ion: 82 Resp: 955698
 Ion Ratio Lower Upper
 82 100
 128 39.5 40.6 61.0#
 54 70.5 38.1 57.1#



#24
 Nitrobenzene
 Concen: 42.96 ng
 RT: 7.20 min Scan# 491
 Delta R.T. -0.09 min
 Lab File: BF087090.D
 Acq: 16 May 2016 19:24

Tgt Ion: 77 Resp: 452808
 Ion Ratio Lower Upper
 77 100
 123 35.3 33.0 49.4
 65 15.3 10.8 16.2





#25

Isophorone

Concen: 45.90 ng

RT: 7.45 min Scan# 513

Delta R.T. -0.08 min

Lab File: BF087090.D

Acq: 16 May 2016 19:24

Instrument :

BNA_F

ClientSampleId :

HSR-WC-44-051216MSD

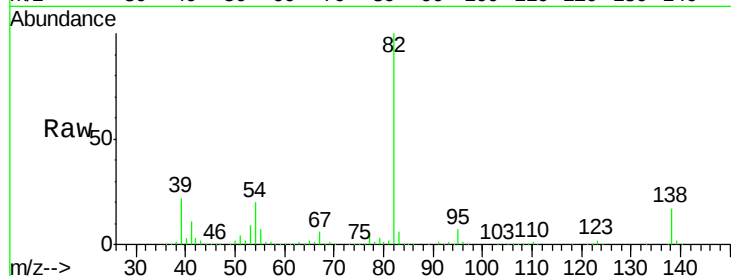
Tgt Ion: 82 Resp: 872452

Ion Ratio Lower Upper

82 100

95 7.4 5.1 7.7

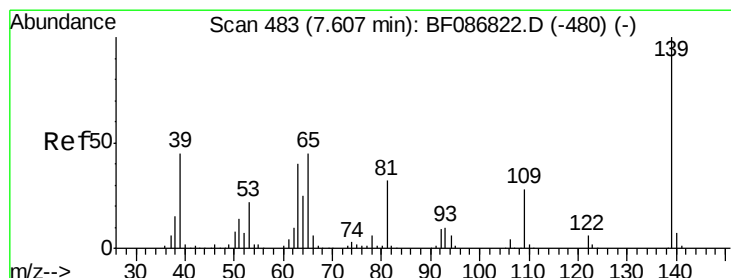
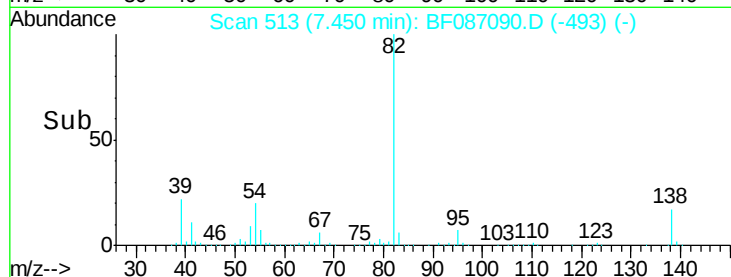
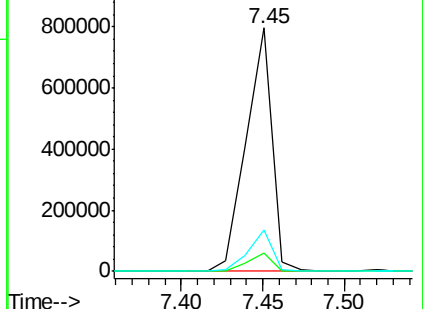
138 17.3 12.4 18.6



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: 38.57 ng

RT: 7.52 min Scan# 519

Delta R.T. -0.09 min

Lab File: BF087090.D

Acq: 16 May 2016 19:24

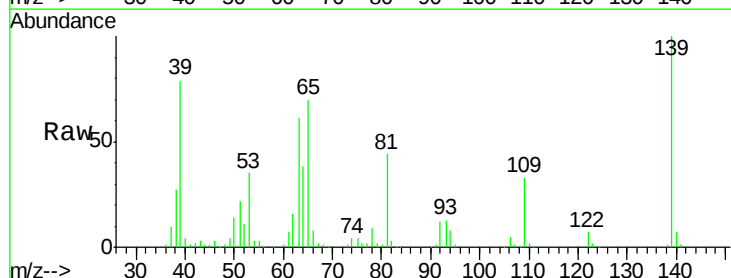
Tgt Ion: 139 Resp: 178676

Ion Ratio Lower Upper

139 100

109 33.3 19.5 29.3#

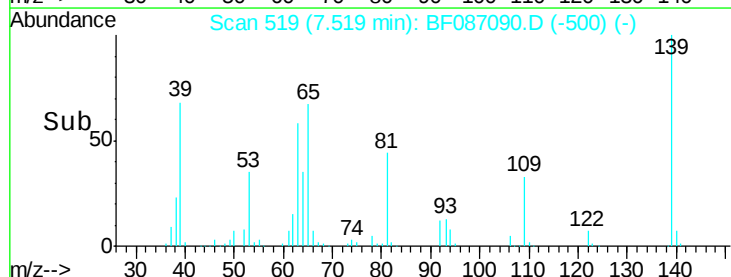
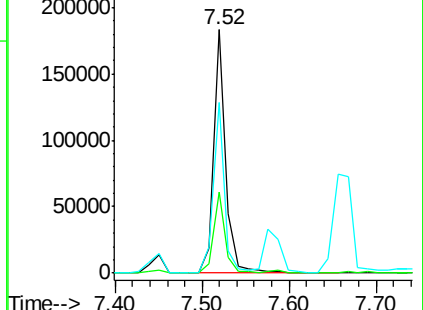
65 69.9 37.5 56.3#

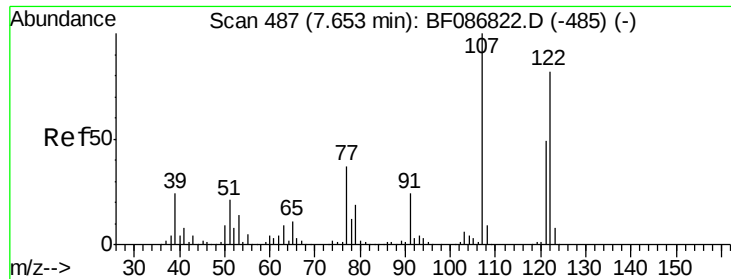


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0

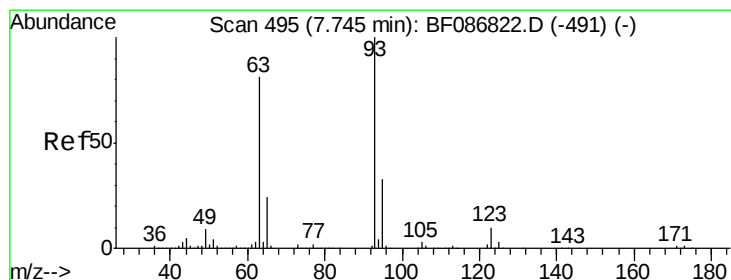
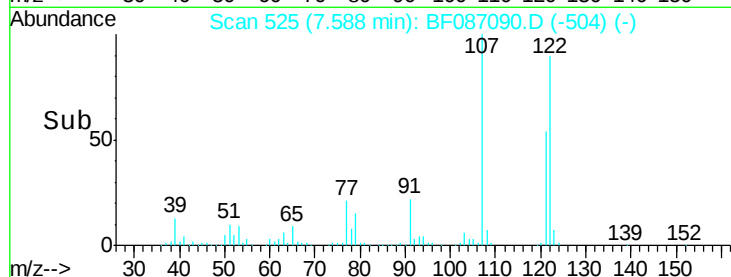
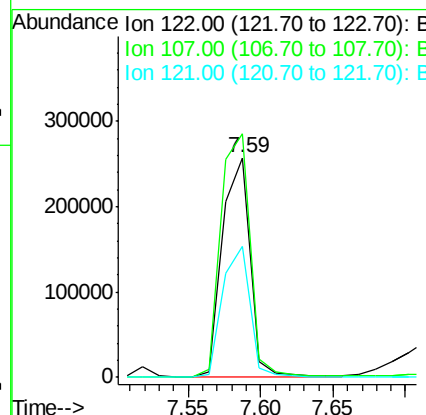
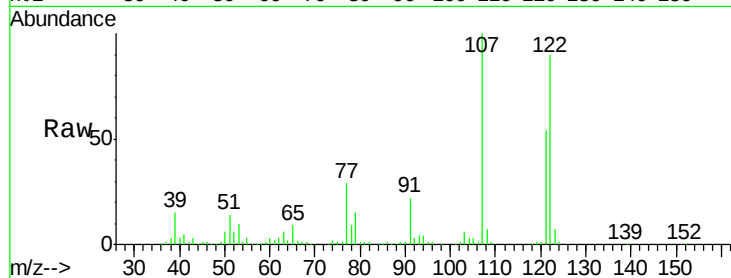




#27
 2,4-Dimethylphenol
 Concen: 43.67 ng
 RT: 7.59 min Scan# 525
 Delta R.T. -0.07 min
 Lab File: BF087090.D
 Acq: 16 May 2016 19:24

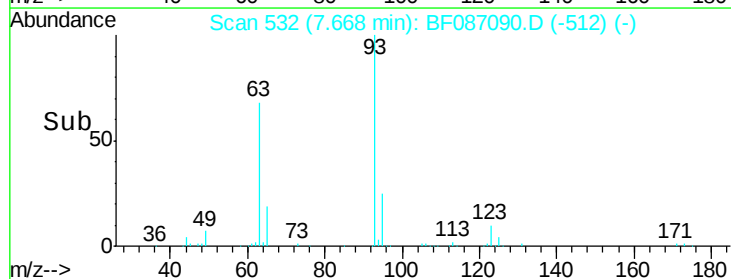
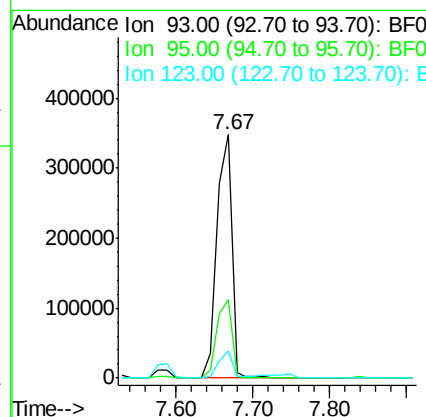
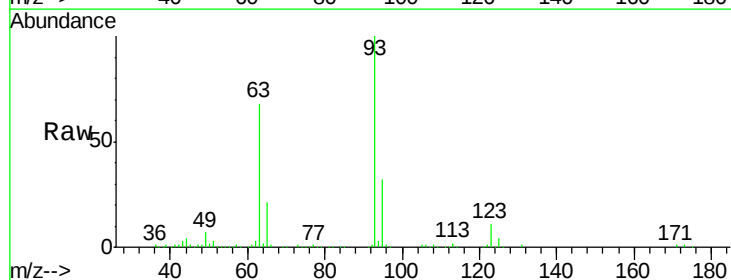
Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-44-051216MSD

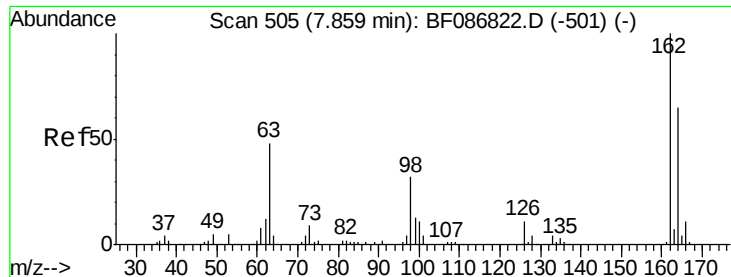
Tgt Ion	Ratio	Lower	Upper
122	100		
107	110.8	82.0	123.0
121	59.8	46.1	69.1



#28
 bis(2-Chloroethoxy)methane
 Concen: 45.43 ng
 RT: 7.67 min Scan# 532
 Delta R.T. -0.08 min
 Lab File: BF087090.D
 Acq: 16 May 2016 19:24

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.4	26.0	39.0
123	11.2	9.5	14.3

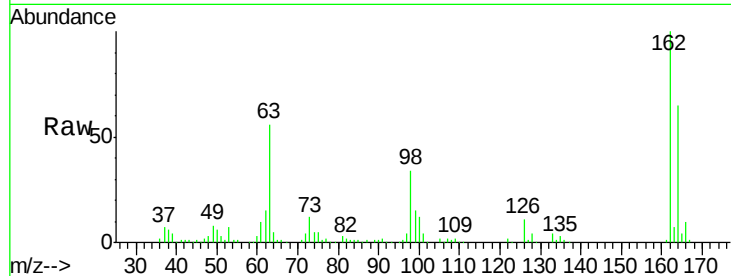




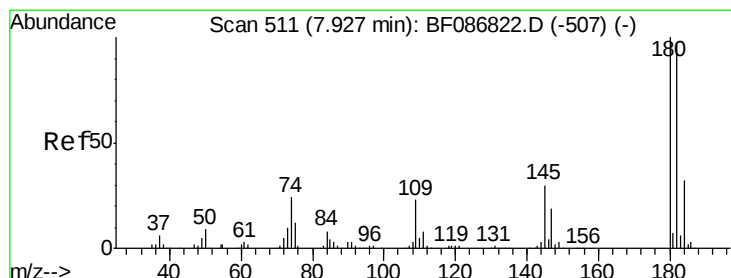
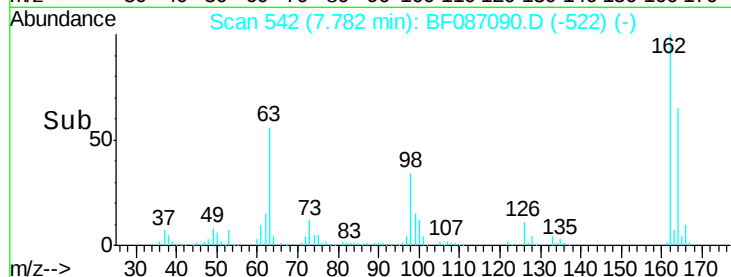
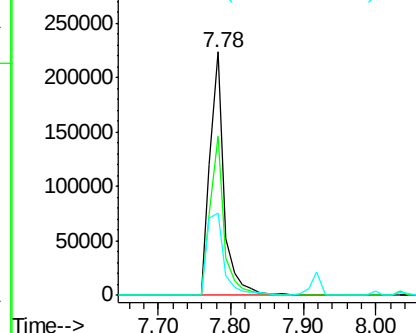
#29
 2,4-Dichlorophenol
 Concen: 43.74 ng
 RT: 7.78 min Scan# 542
 Delta R.T. -0.08 min
 Lab File: BF087090.D
 Acq: 16 May 2016 19:24

Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-44-051216MSD

Tgt Ion	Ratio	Lower	Upper
162	100		
164	65.4	42.2	82.2
98	33.9	19.0	59.0

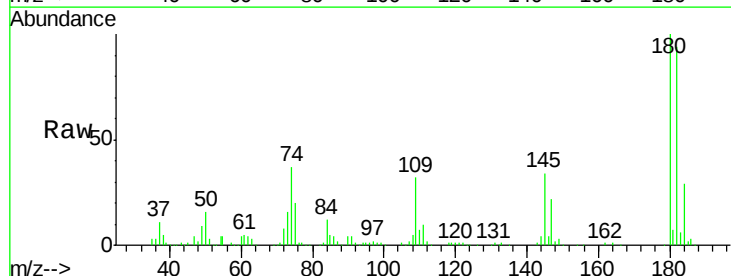


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

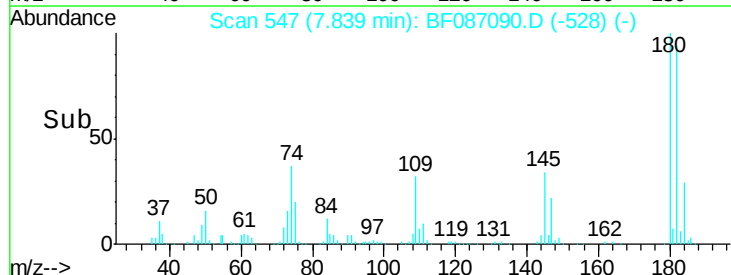
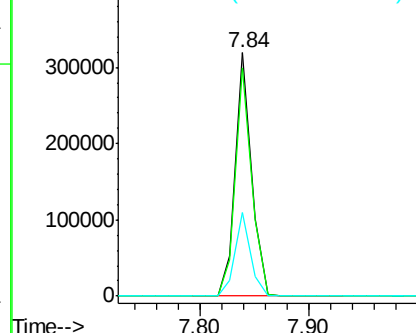


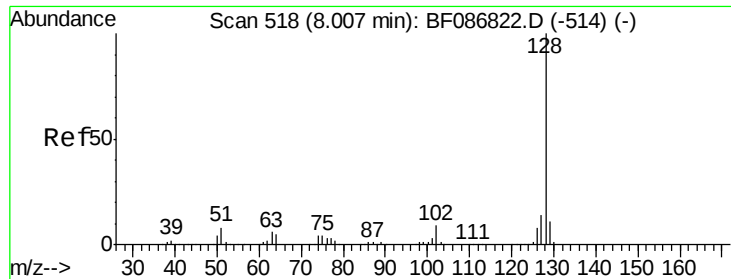
#30
 1,2,4-Trichlorobenzene
 Concen: 42.18 ng
 RT: 7.84 min Scan# 547
 Delta R.T. -0.09 min
 Lab File: BF087090.D
 Acq: 16 May 2016 19:24

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.8	78.0	117.0
145	34.3	24.2	36.2



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

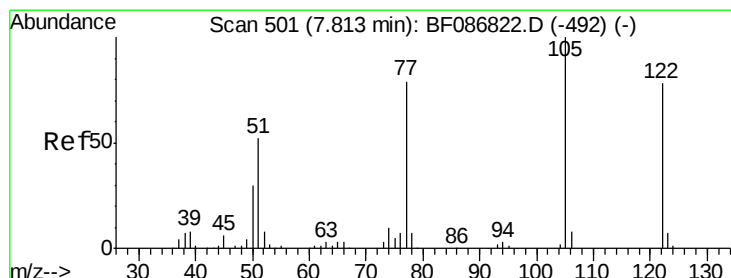
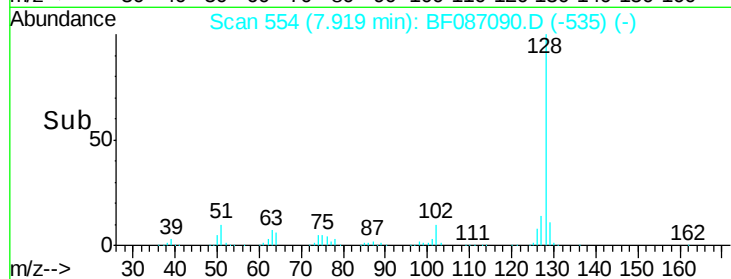
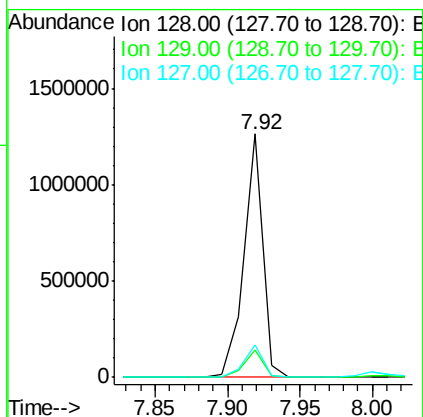
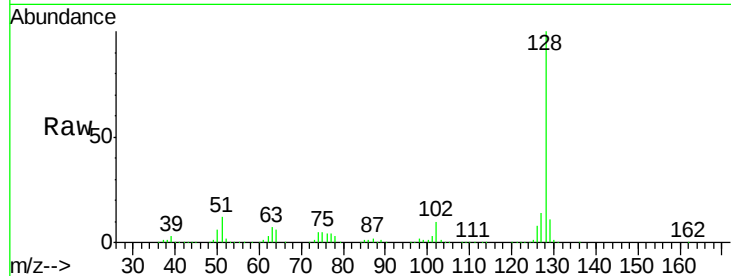




#31
Naphthalene
Concen: 44.40 ng
RT: 7.92 min Scan# 554
Delta R.T. -0.09 min
Lab File: BF087090.D
Acq: 16 May 2016 19:24

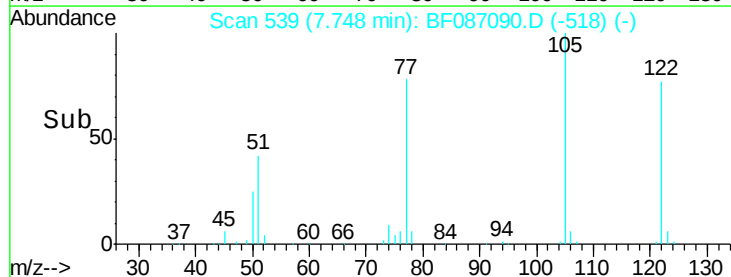
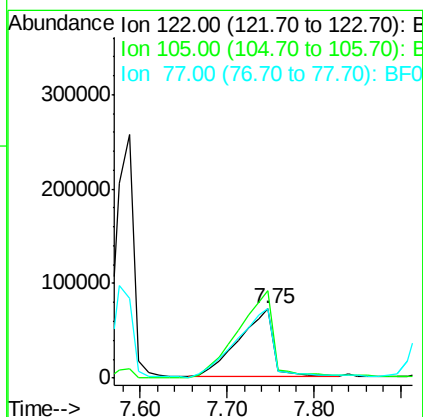
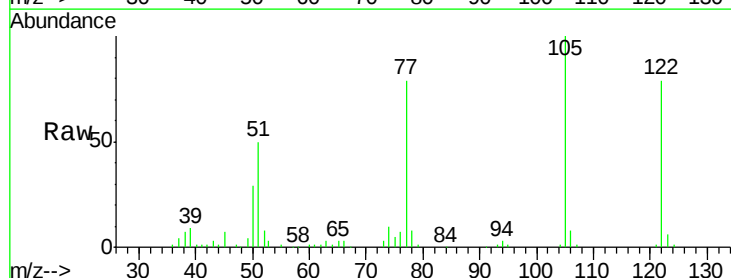
Instrument :
BNA_F
ClientSampleId :
HSR-WC-44-051216MSD

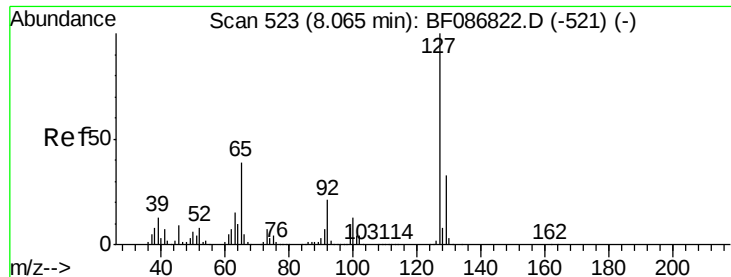
Tgt Ion:128 Resp: 1143980
Ion Ratio Lower Upper
128 100
129 11.3 8.6 13.0
127 13.6 10.8 16.2



#32
Benzoic acid
Concen: 44.32 ng
RT: 7.75 min Scan# 539
Delta R.T. -0.07 min
Lab File: BF087090.D
Acq: 16 May 2016 19:24

Tgt Ion:122 Resp: 205409
Ion Ratio Lower Upper
122 100
105 126.4 92.6 132.6
77 99.7 60.0 100.0

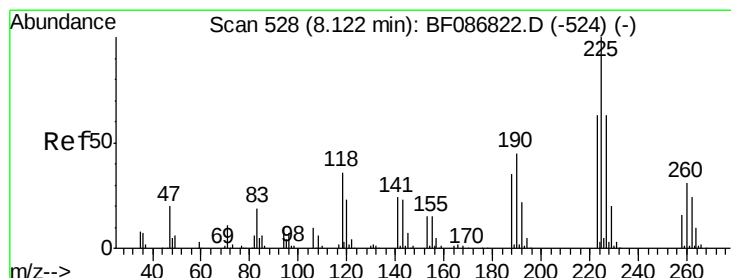
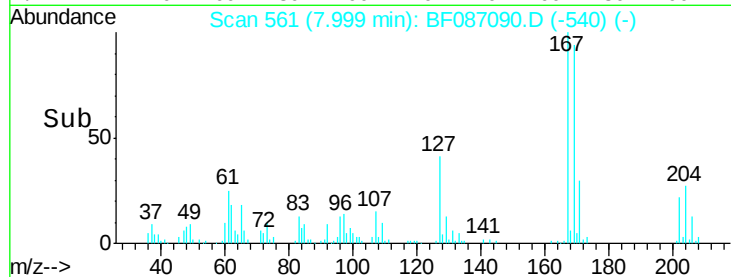
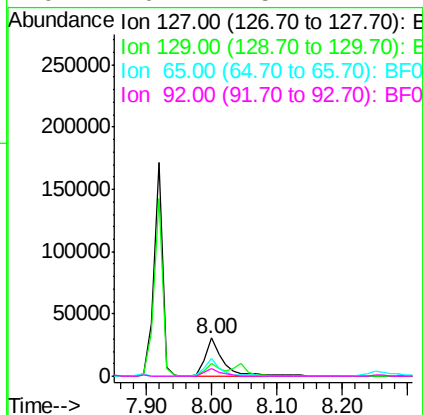
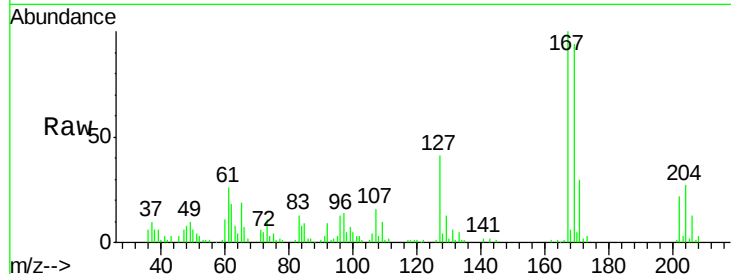




#33
 4-Chloroaniline
 Concen: 5.89 ng
 RT: 8.00 min Scan# 561
 Delta R.T. -0.07 min
 Lab File: BF087090.D
 Acq: 16 May 2016 19:24

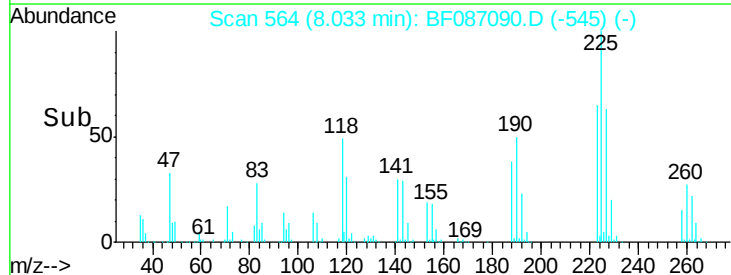
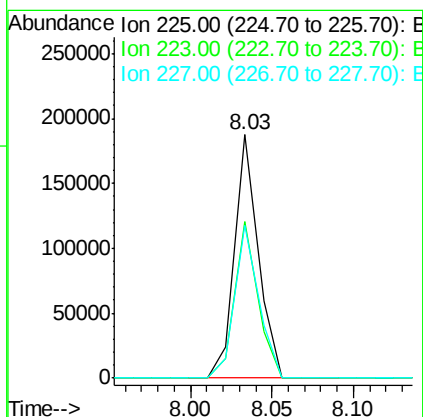
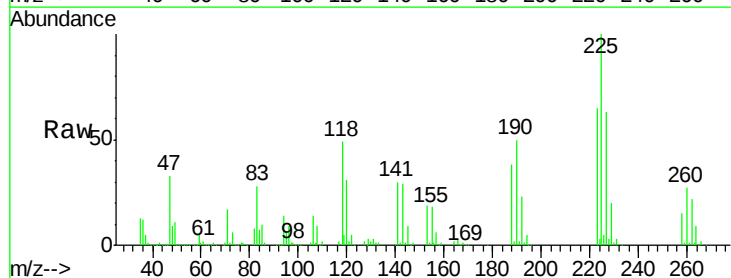
Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-44-051216MSD

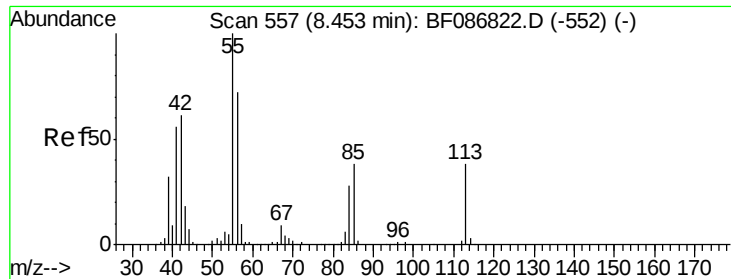
Tgt Ion:	127	Resp:	58923
Ion	Ratio	Lower	Upper
127	100		
129	32.4	26.2	39.4
65	46.0	23.0	34.4
92	20.7	15.1	22.7



#34
 Hexachlorobutadiene
 Concen: 41.36 ng
 RT: 8.03 min Scan# 564
 Delta R.T. -0.09 min
 Lab File: BF087090.D
 Acq: 16 May 2016 19:24

Tgt Ion:	225	Resp:	186398
Ion	Ratio	Lower	Upper
225	100		
223	64.5	51.5	77.3
227	62.9	52.2	78.2

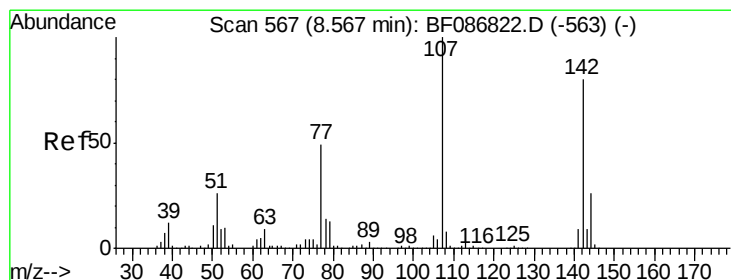
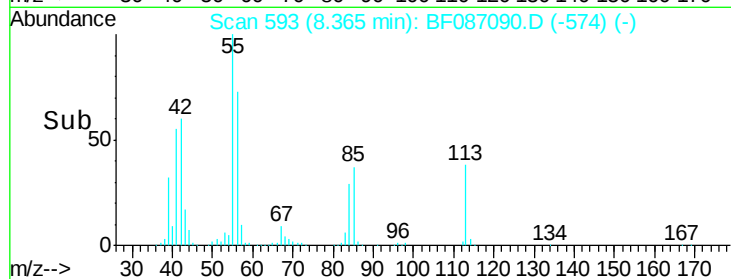
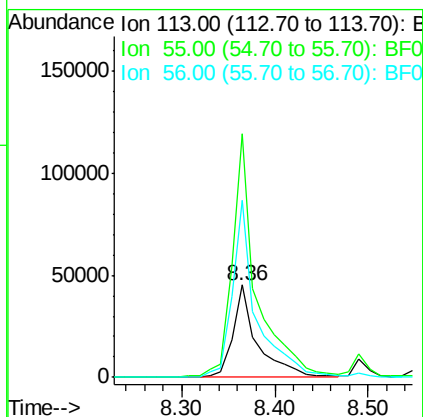
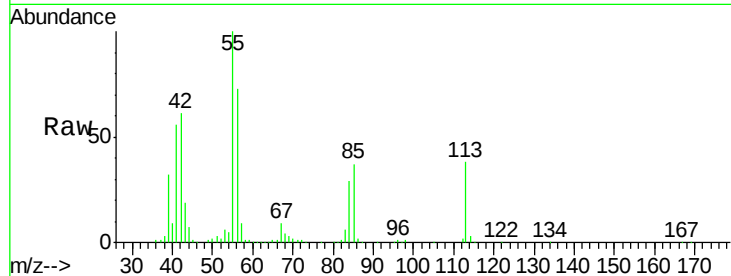




#35
 Caprolactam
 Concen: 35.15 ng
 RT: 8.36 min Scan# 593
 Delta R.T. -0.09 min
 Lab File: BF087090.D
 Acq: 16 May 2016 19:24

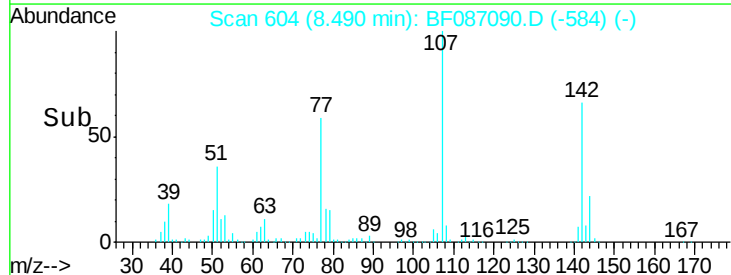
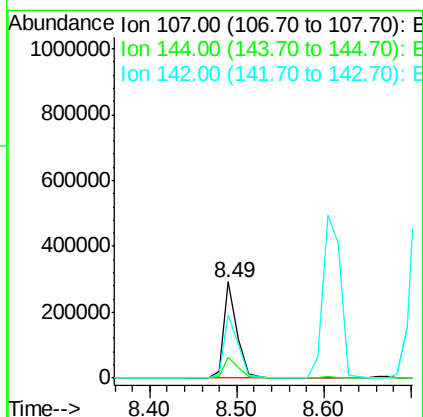
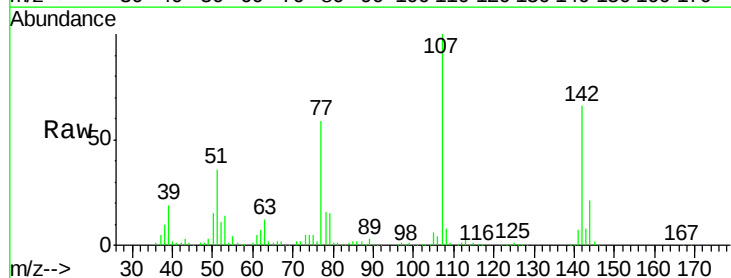
Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-44-051216MSD

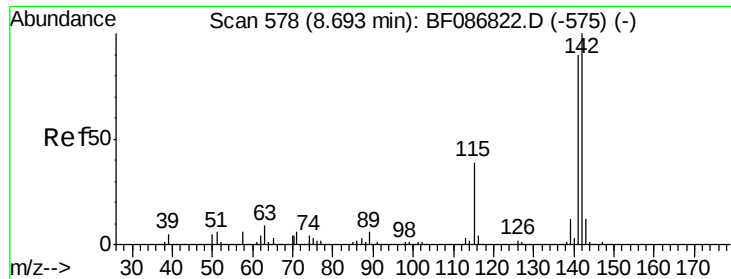
Tgt Ion:113 Resp: 83075
 Ion Ratio Lower Upper
 113 100
 55 264.3 162.0 202.0#
 56 192.7 115.3 155.3#



#36
 4-Chloro-3-methylphenol
 Concen: 37.66 ng
 RT: 8.49 min Scan# 604
 Delta R.T. -0.08 min
 Lab File: BF087090.D
 Acq: 16 May 2016 19:24

Tgt Ion:107 Resp: 317276
 Ion Ratio Lower Upper
 107 100
 144 21.5 20.7 31.1
 142 66.2 63.2 94.8

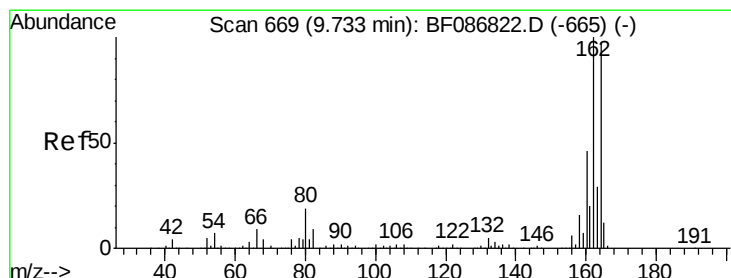
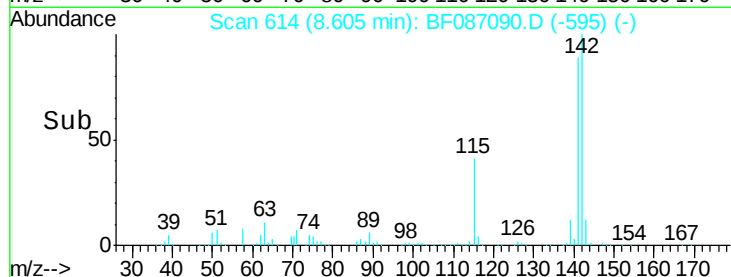
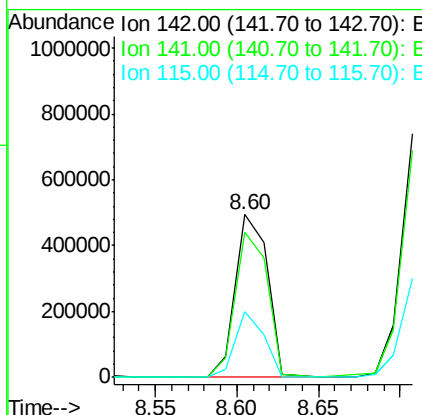
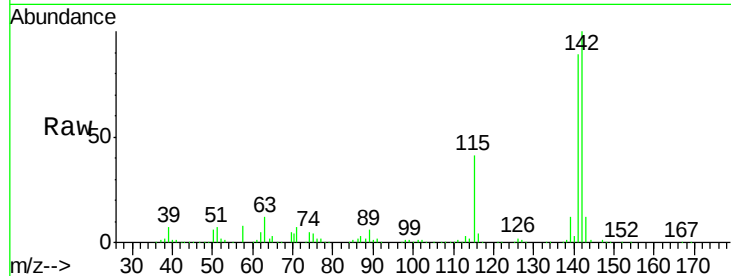




#37
 2-Methylnaphthalene
 Concen: 44.59 ng
 RT: 8.60 min Scan# 614
 Delta R.T. -0.09 min
 Lab File: BF087090.D
 Acq: 16 May 2016 19:24

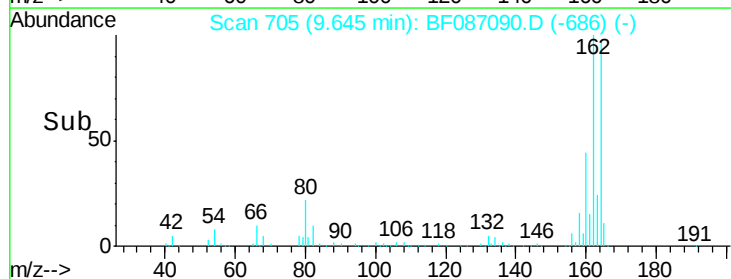
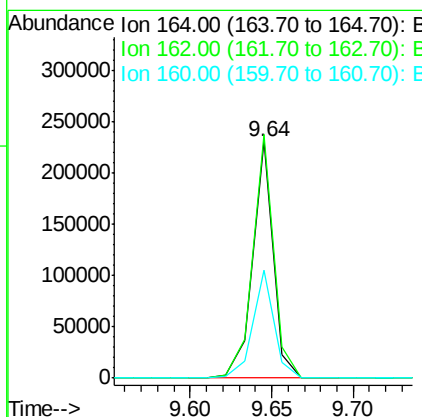
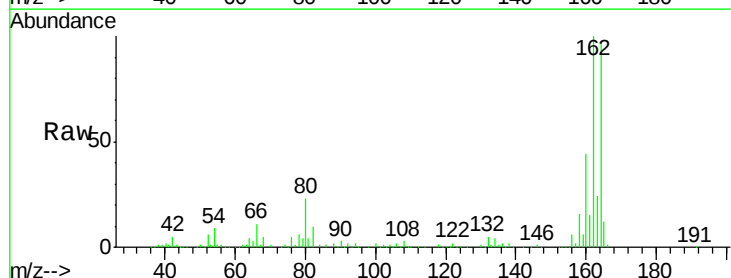
Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-44-051216MSD

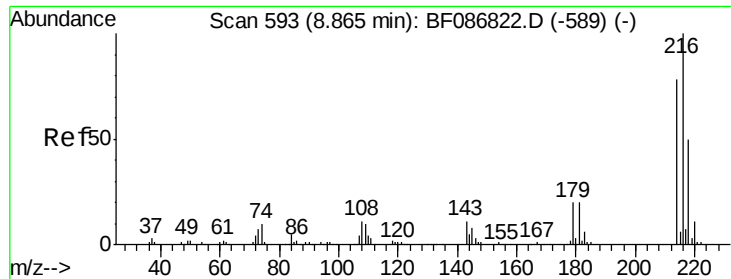
Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.2	71.0	106.6
115	40.6	26.6	39.8#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.64 min Scan# 705
 Delta R.T. -0.09 min
 Lab File: BF087090.D
 Acq: 16 May 2016 19:24

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.8	82.8	124.2
160	45.4	36.9	55.3

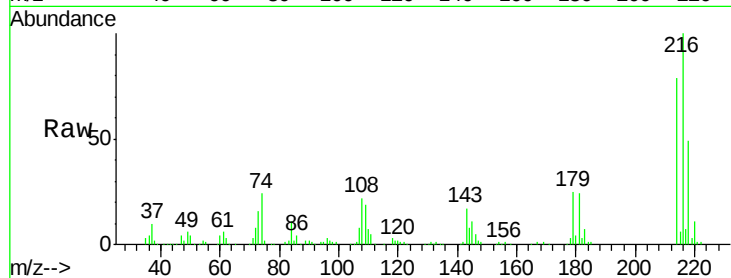




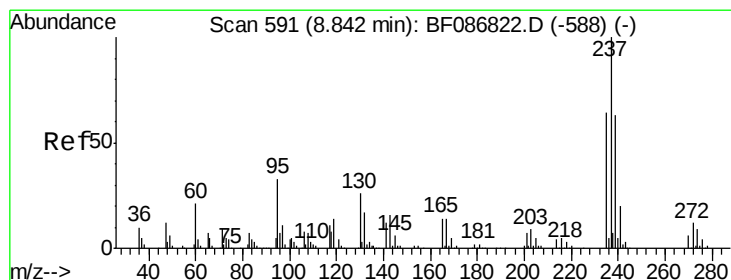
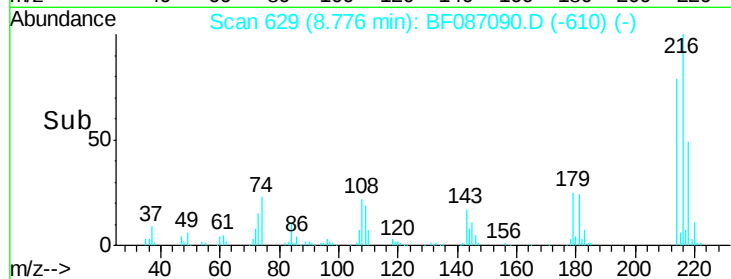
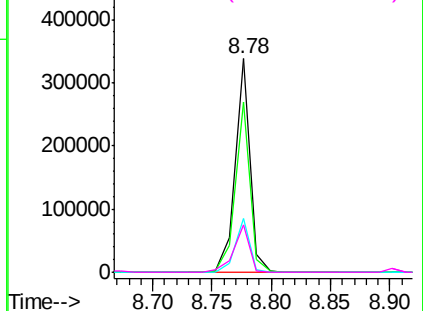
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 49.73 ng
 RT: 8.78 min Scan# 629
 Delta R.T. -0.09 min
 Lab File: BF087090.D
 Acq: 16 May 2016 19:24

Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-44-051216MSD

Tgt Ion:	216	Resp:	292788
Ion	Ratio	Lower	Upper
216	100		
214	79.0	62.6	93.8
179	24.9	18.2	27.4
108	23.7	17.5	26.3

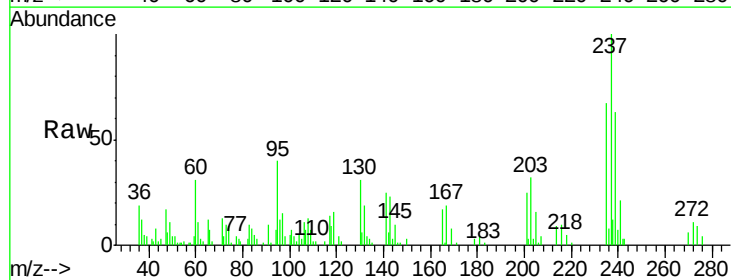


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

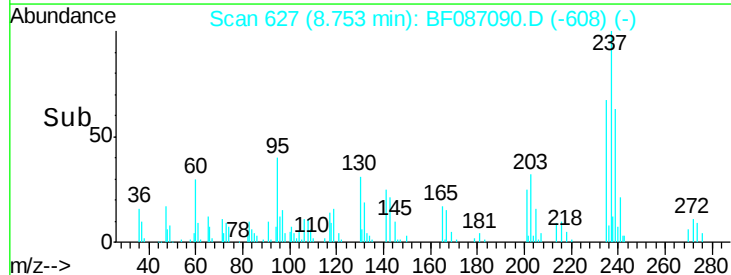
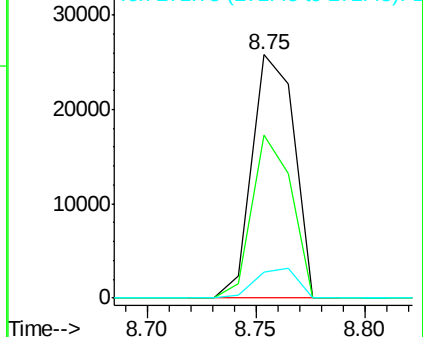


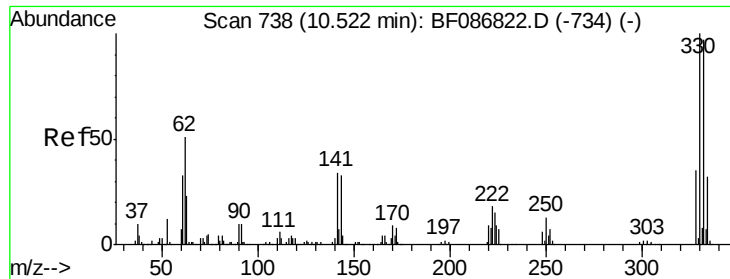
#40
 Hexachlorocyclopentadiene
 Concen: 12.47 ng
 RT: 8.75 min Scan# 627
 Delta R.T. -0.09 min
 Lab File: BF087090.D
 Acq: 16 May 2016 19:24

Tgt Ion:	237	Resp:	34843
Ion	Ratio	Lower	Upper
237	100		
235	67.2	47.2	87.2
272	10.9	0.0	31.1



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

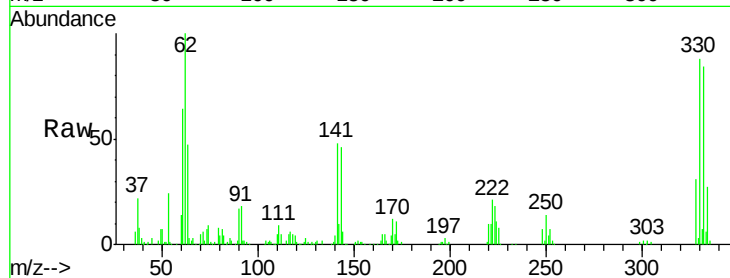




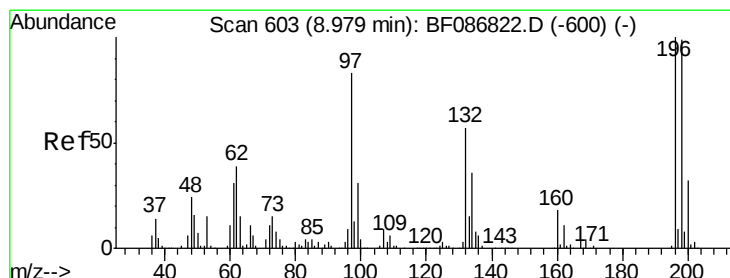
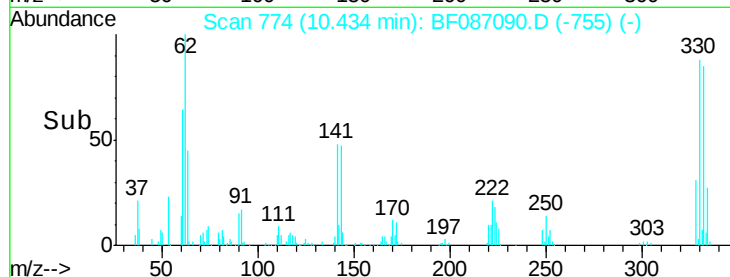
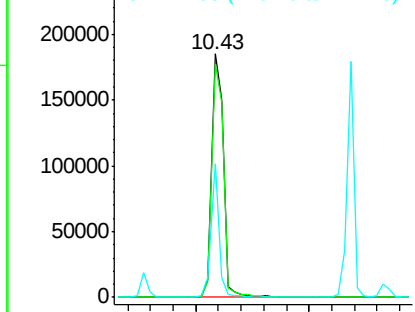
#41
 2,4,6-Tribromophenol
 Concen: 119.25 ng
 RT: 10.43 min Scan# 774
 Delta R.T. -0.09 min
 Lab File: BF087090.D
 Acq: 16 May 2016 19:24

Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-44-051216MSD

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.1	79.0	118.4
141	36.8	31.2	46.8

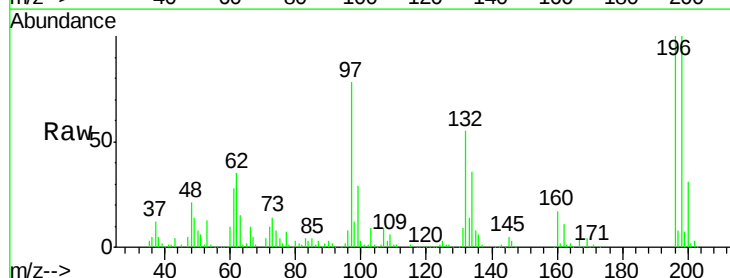


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

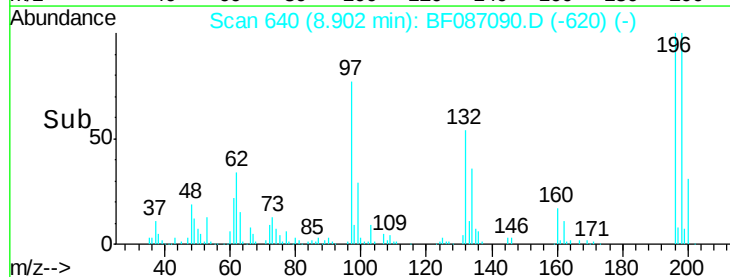
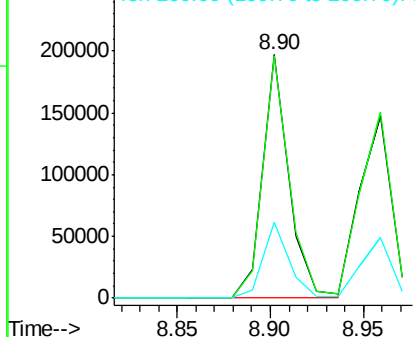


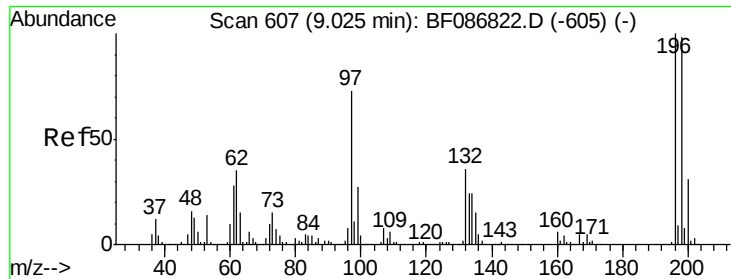
#42
 2,4,6-Trichlorophenol
 Concen: 48.90 ng
 RT: 8.90 min Scan# 640
 Delta R.T. -0.08 min
 Lab File: BF087090.D
 Acq: 16 May 2016 19:24

Tgt Ion	Ratio	Lower	Upper
196	100		
198	99.6	74.7	112.1
200	31.0	23.8	35.6



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

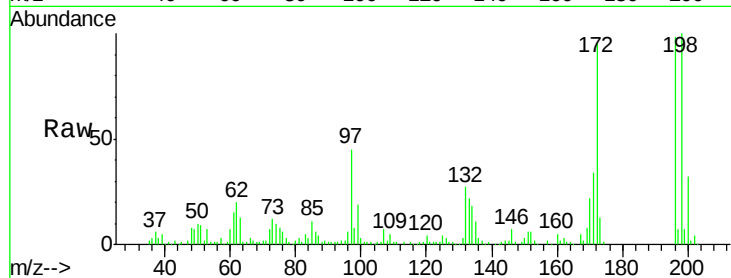




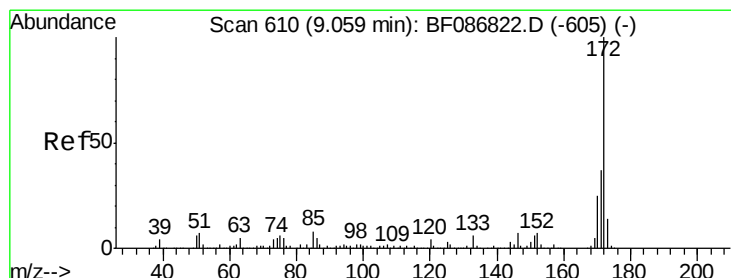
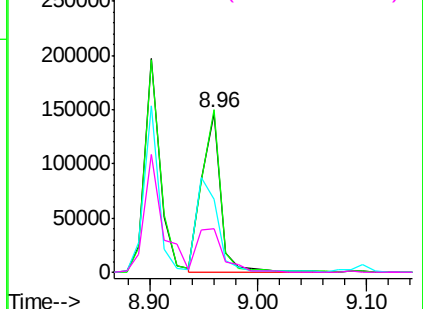
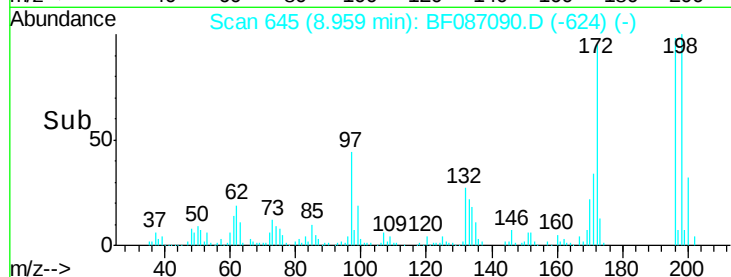
#43
 2,4,5-Trichlorophenol
 Concen: 43.93 ng
 RT: 8.96 min Scan# 645
 Delta R.T. -0.07 min
 Lab File: BF087090.D
 Acq: 16 May 2016 19:24

Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-44-051216MSD

Tgt Ion	Resp	Lower	Upper
196	178845		
196	100		
198	102.3	77.5	116.3
97	45.7	34.8	52.2
132	27.4	23.0	34.4

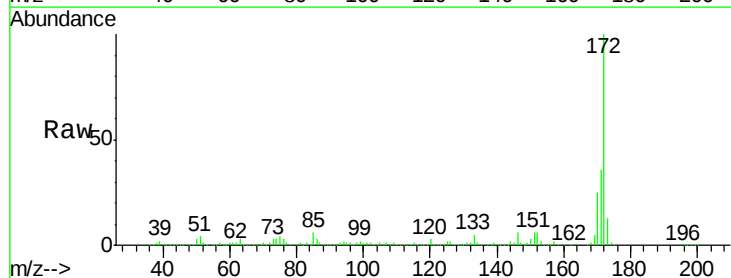


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

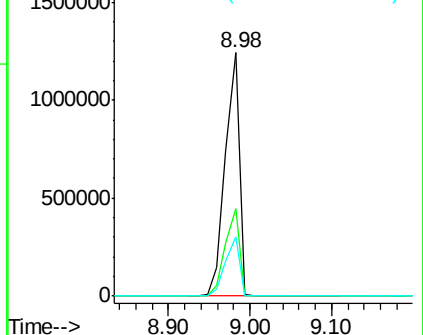
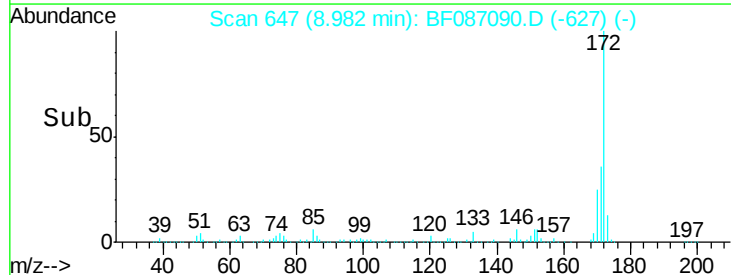


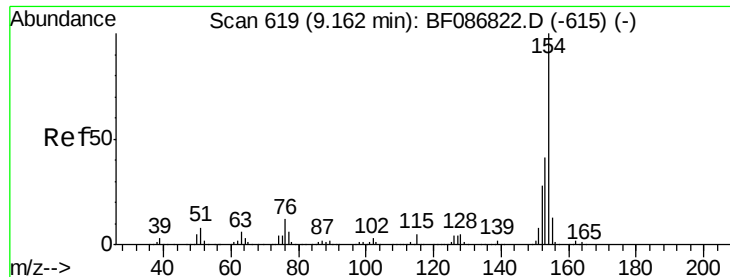
#44
 2-Fluorobiphenyl
 Concen: 122.58 ng
 RT: 8.98 min Scan# 647
 Delta R.T. -0.08 min
 Lab File: BF087090.D
 Acq: 16 May 2016 19:24

Tgt Ion	Resp	Lower	Upper
172	1476885		
172	100		
171	36.1	29.0	43.6
170	24.6	19.8	29.8



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: 48.97 ng

RT: 9.07 min Scan# 655

Delta R.T. -0.09 min

Lab File: BF087090.D

Acq: 16 May 2016 19:24

Instrument :

BNA_F

ClientSampleId :

HSR-WC-44-051216MSD

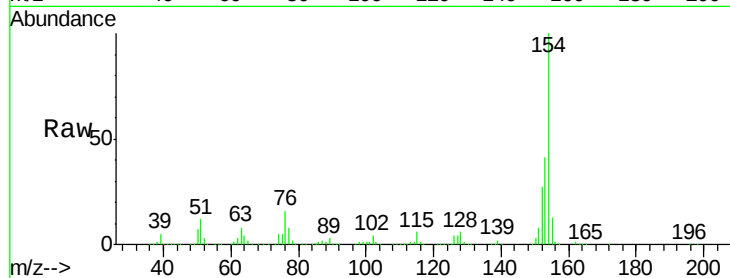
Tgt Ion:154 Resp: 788732

Ion Ratio Lower Upper

154 100

153 40.9 20.3 60.3

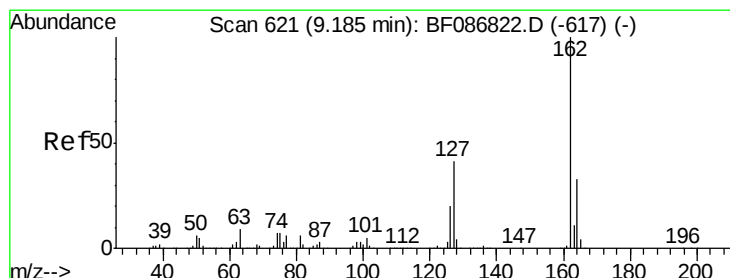
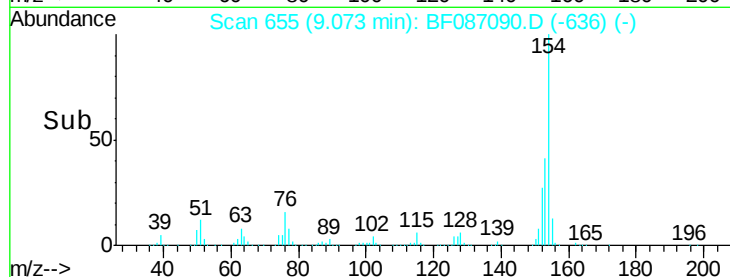
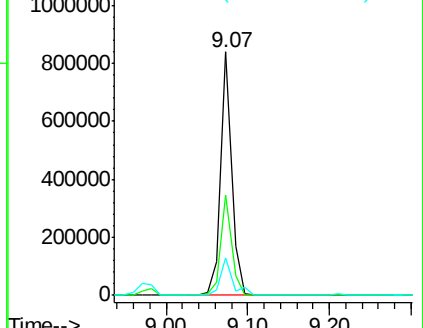
76 15.6 0.0 30.2



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: 46.04 ng

RT: 9.10 min Scan# 657

Delta R.T. -0.09 min

Lab File: BF087090.D

Acq: 16 May 2016 19:24

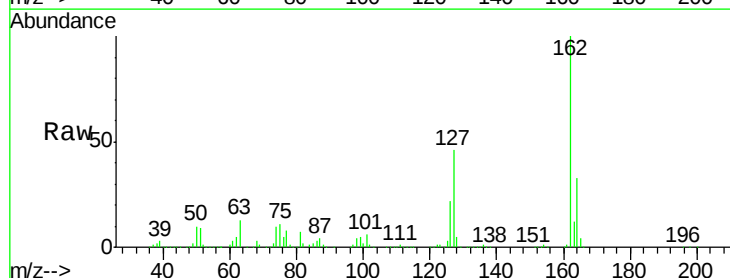
Tgt Ion:162 Resp: 580995

Ion Ratio Lower Upper

162 100

127 46.4 31.8 47.6

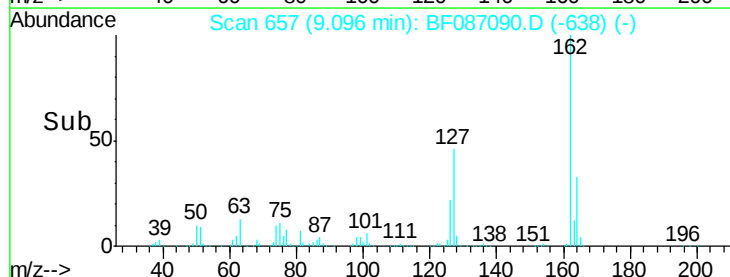
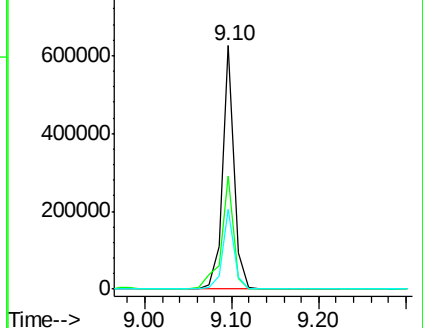
164 33.0 27.0 40.6

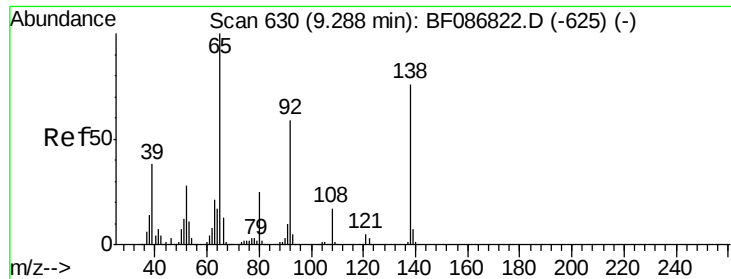


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

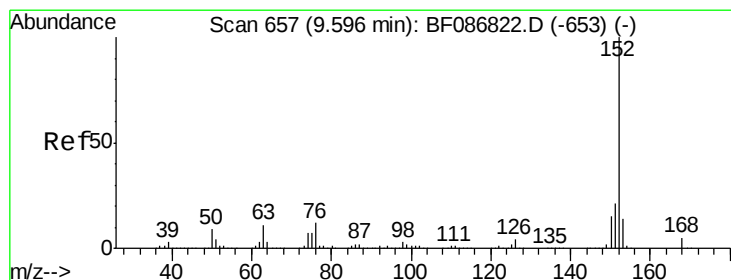
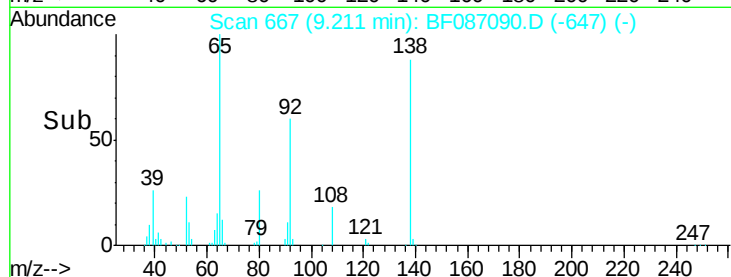
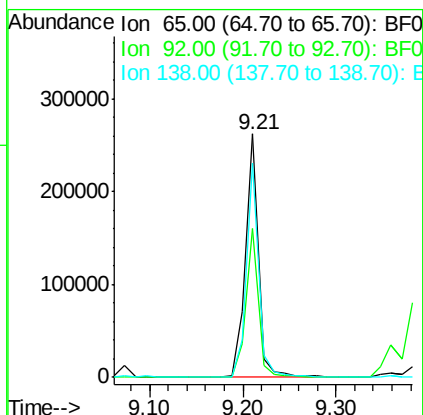
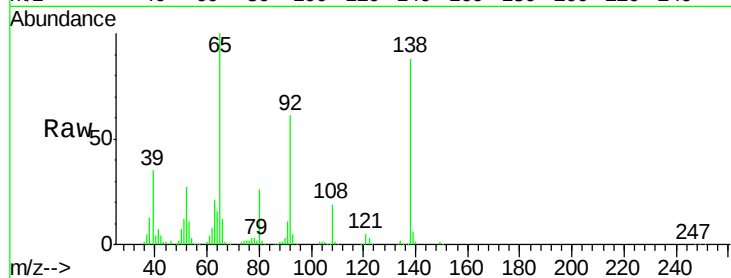




#47
2-Nitroaniline
Concen: 55.09 ng
RT: 9.21 min Scan# 667
Delta R.T. -0.08 min
Lab File: BF087090.D
Acq: 16 May 2016 19:24

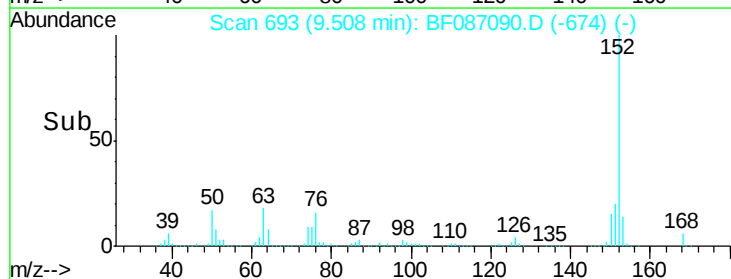
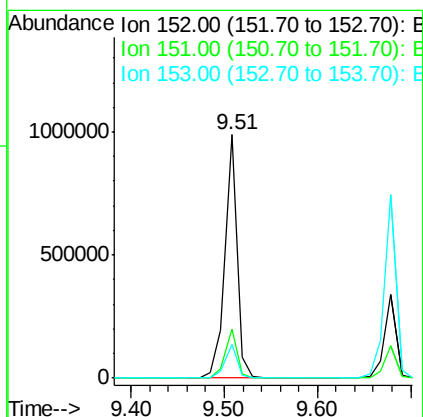
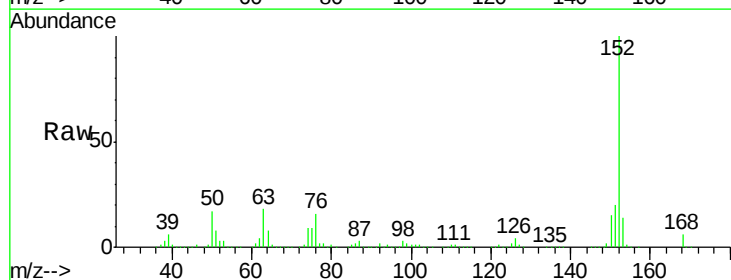
Instrument :
BNA_F
ClientSampleId :
HSR-WC-44-051216MSD

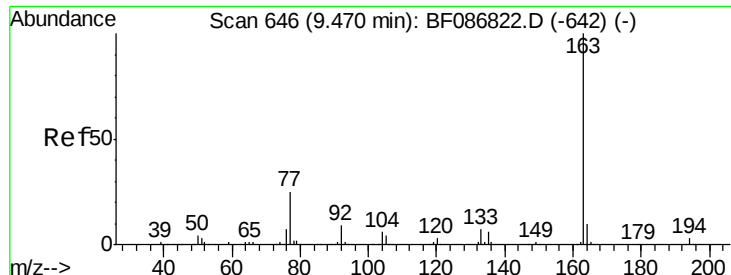
Tgt Ion: 65 Resp: 254056
Ion Ratio Lower Upper
65 100
92 61.2 57.4 86.2
138 87.8 90.1 135.1#



#48
Acenaphthylene
Concen: 47.81 ng
RT: 9.51 min Scan# 693
Delta R.T. -0.09 min
Lab File: BF087090.D
Acq: 16 May 2016 19:24

Tgt Ion: 152 Resp: 887418
Ion Ratio Lower Upper
152 100
151 20.4 16.8 25.2
153 13.9 10.9 16.3

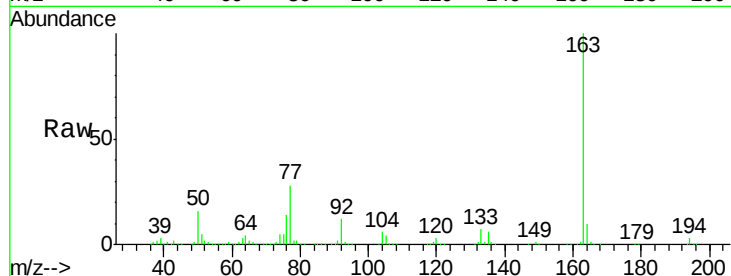




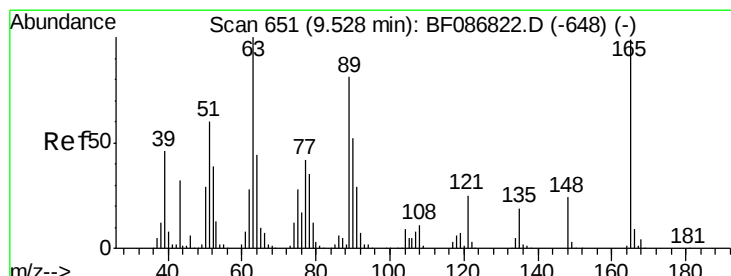
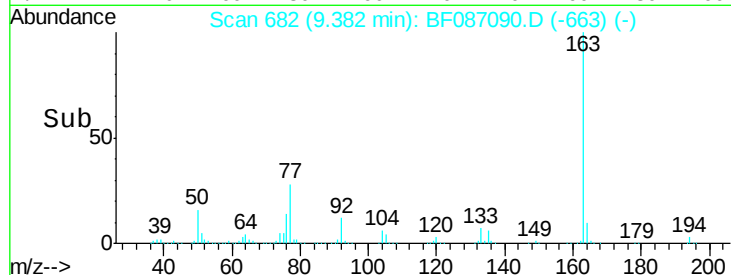
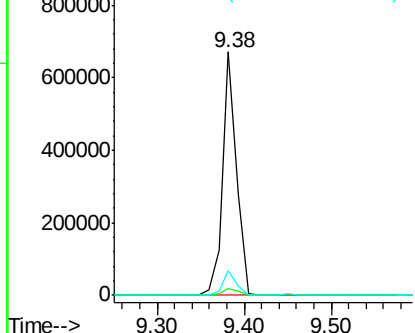
#49
Dimethylphthalate
Concen: 48.67 ng
RT: 9.38 min Scan# 682
Delta R.T. -0.09 min
Lab File: BF087090.D
Acq: 16 May 2016 19:24

Instrument :
BNA_F
ClientSampleId :
HSR-WC-44-051216MSD

Tgt Ion:163 Resp: 751895
Ion Ratio Lower Upper
163 100
194 2.9 2.6 4.0
164 10.3 8.2 12.4

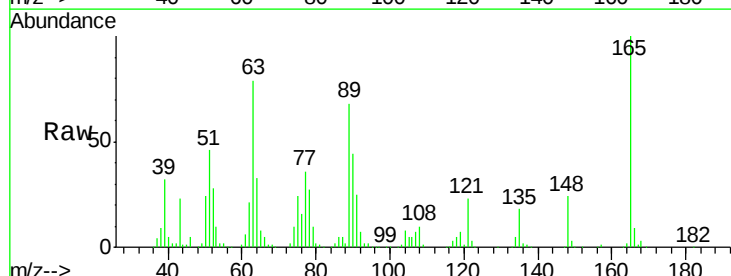


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

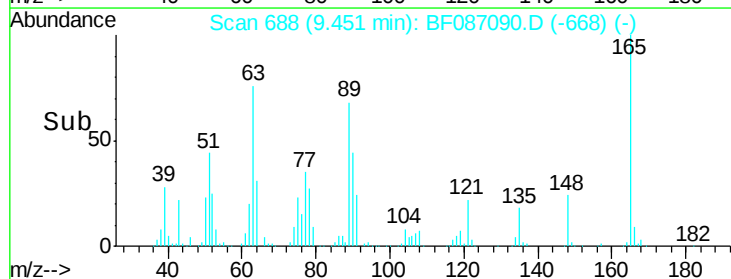
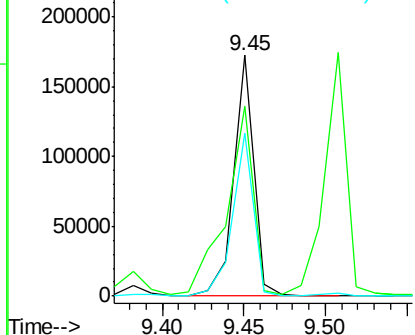


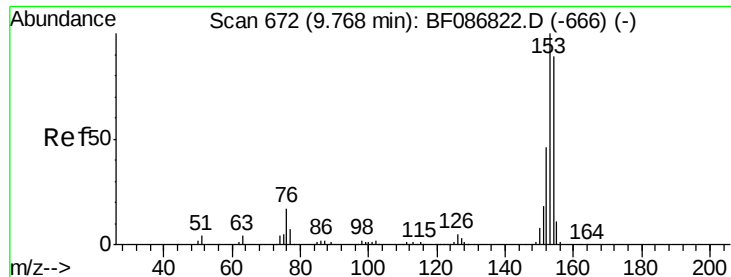
#50
2,6-Dinitrotoluene
Concen: 44.62 ng
RT: 9.45 min Scan# 688
Delta R.T. -0.08 min
Lab File: BF087090.D
Acq: 16 May 2016 19:24

Tgt Ion:165 Resp: 145071
Ion Ratio Lower Upper
165 100
63 79.0 51.8 77.8#
89 67.9 50.7 76.1



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





#51

Acenaphthene

Concen: 49.86 ng

RT: 9.68 min Scan# 708

Delta R.T. -0.09 min

Lab File: BF087090.D

Acq: 16 May 2016 19:24

Instrument :

BNA_F

ClientSampleId :

HSR-WC-44-051216MSD

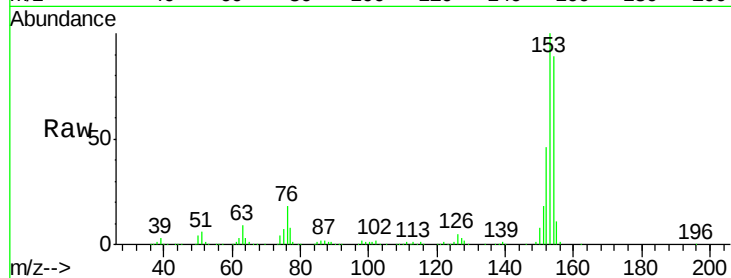
Tgt Ion:154 Resp: 575644

Ion Ratio Lower Upper

154 100

153 112.8 89.8 134.6

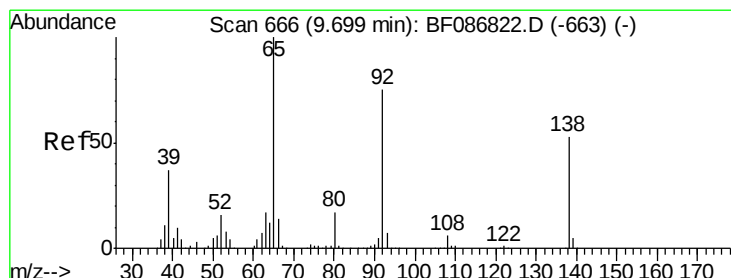
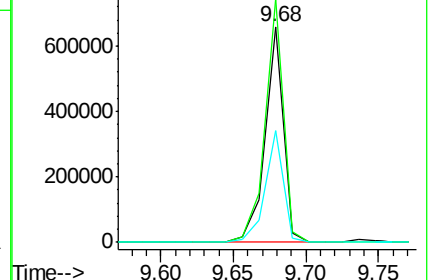
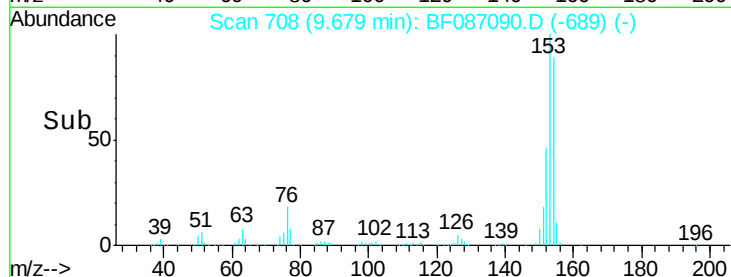
152 51.8 43.4 65.0



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 12.35 ng

RT: 9.62 min Scan# 703

Delta R.T. -0.08 min

Lab File: BF087090.D

Acq: 16 May 2016 19:24

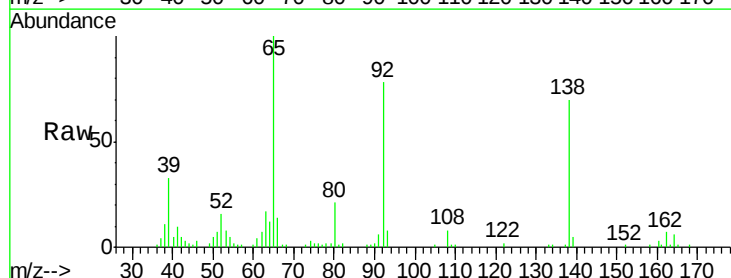
Tgt Ion:138 Resp: 42255

Ion Ratio Lower Upper

138 100

108 10.9 7.8 11.6

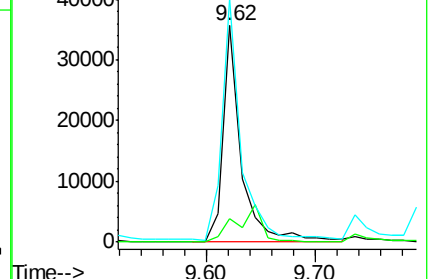
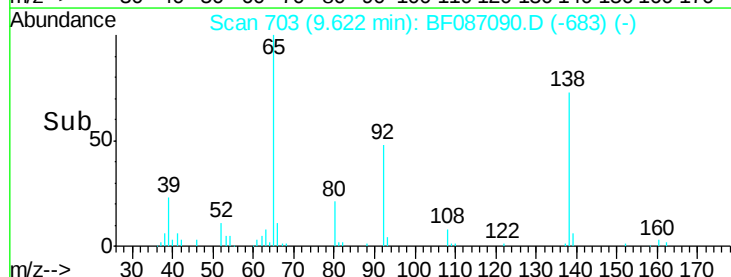
92 112.4 87.8 131.8

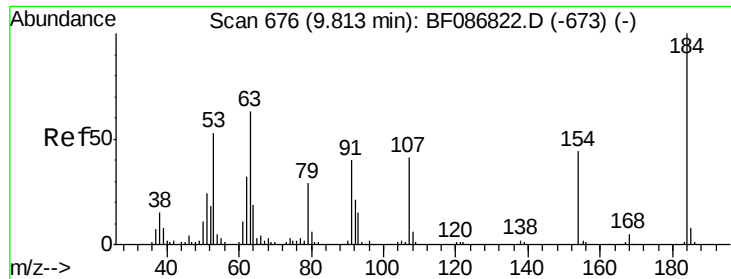


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

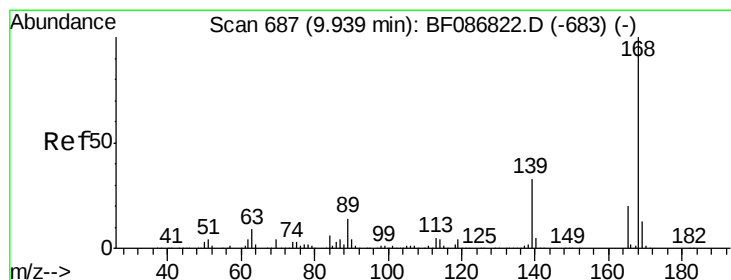
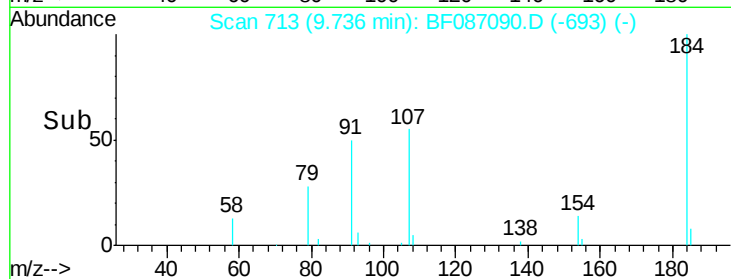
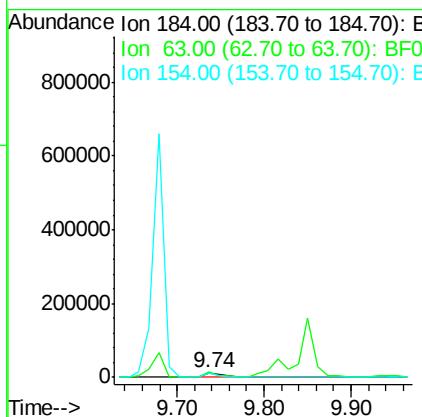
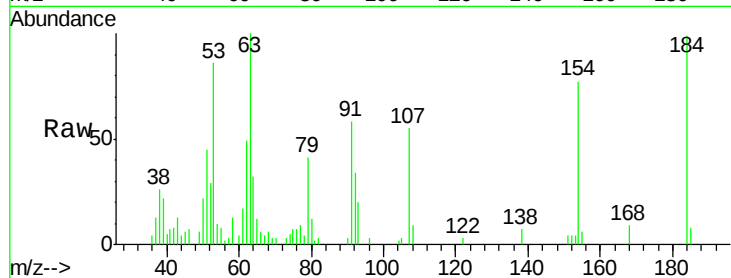




#53
 2,4-Dinitrophenol
 Concen: 20.00 ng
 RT: 9.74 min Scan# 713
 Delta R.T. -0.08 min
 Lab File: BF087090.D
 Acq: 16 May 2016 19:24

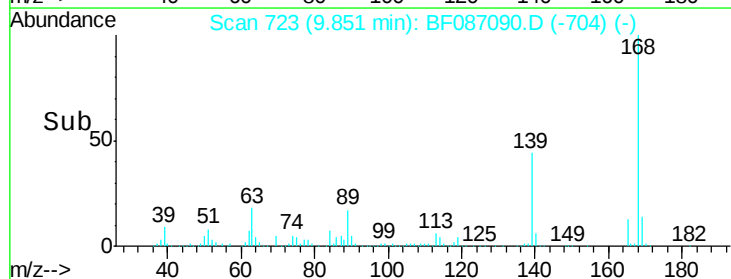
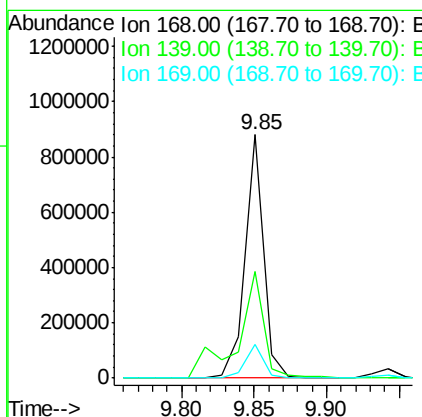
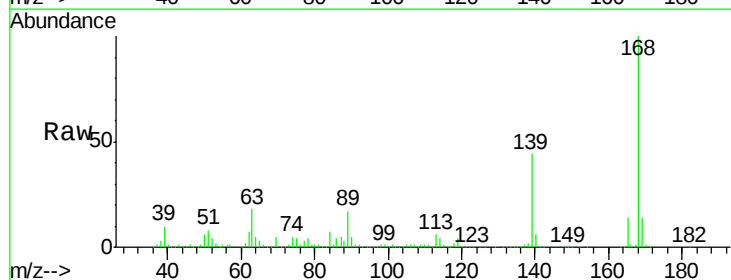
Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-44-051216MSD

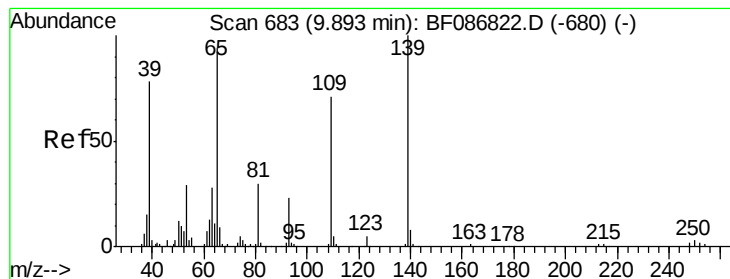
Tgt Ion:184 Resp: 22634
 Ion Ratio Lower Upper
 184 100
 63 100.7 55.8 83.8#
 154 77.4 62.4 93.6



#54
 Dibenzofuran
 Concen: 52.61 ng
 RT: 9.85 min Scan# 723
 Delta R.T. -0.09 min
 Lab File: BF087090.D
 Acq: 16 May 2016 19:24

Tgt Ion:168 Resp: 779797
 Ion Ratio Lower Upper
 168 100
 139 43.9 31.4 47.0
 169 13.8 10.7 16.1





#55

4-Nitrophenol

Concen: 212.53 ng

RT: 9.85 min Scan# 723

Delta R.T. -0.04 min

Lab File: BF087090.D

Acq: 16 May 2016 19:24

Instrument :

BNA_F

ClientSampleId :

HSR-WC-44-051216MSD

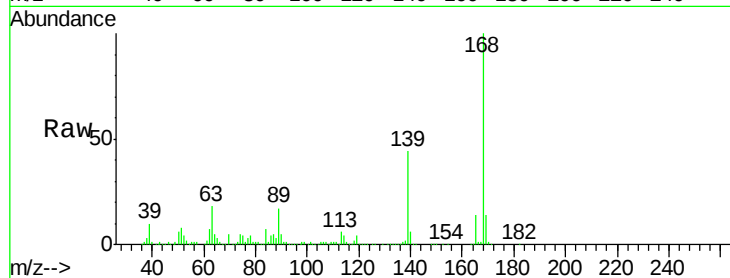
Tgt Ion:139 Resp: 503325

Ion Ratio Lower Upper

139 100

109 3.3 36.9 76.9#

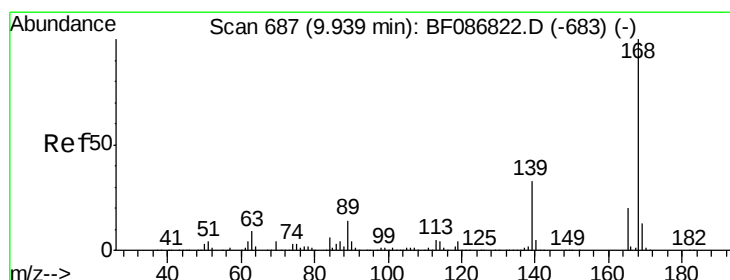
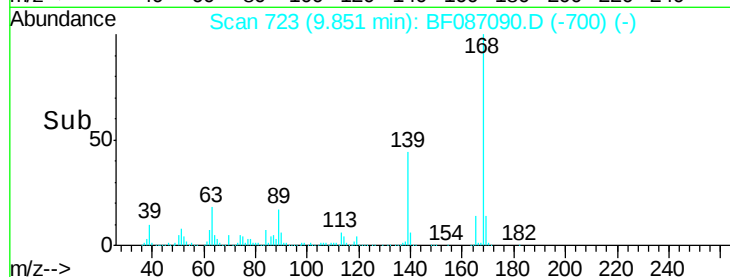
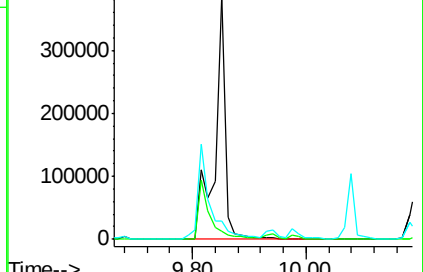
65 7.5 64.0 104.0#



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 37.14 ng

RT: 9.85 min Scan# 723

Delta R.T. -0.09 min

Lab File: BF087090.D

Acq: 16 May 2016 19:24

Tgt Ion:165 Resp: 149442

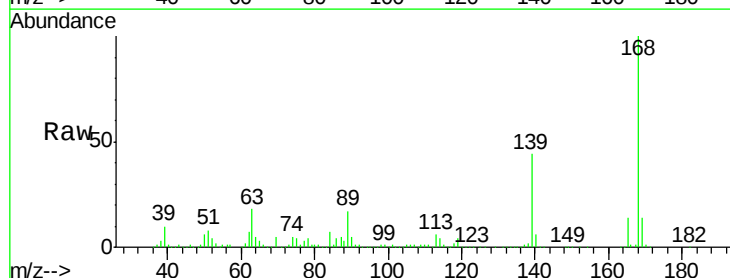
Ion Ratio Lower Upper

165 100

63 132.2 44.3 66.5#

89 127.7 70.0 105.0#

182 2.3 1.8 2.6

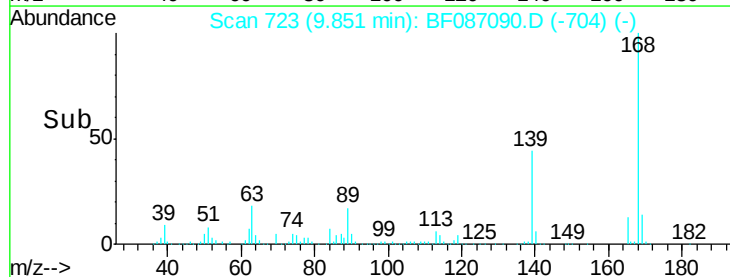
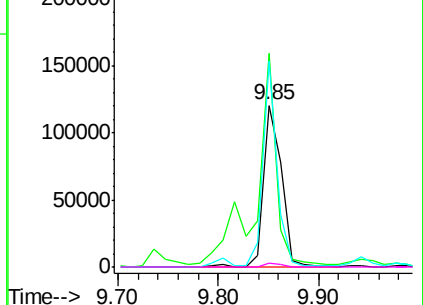


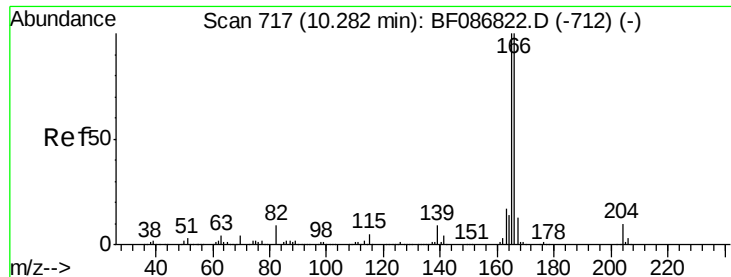
Abundance Ion 165.00 (164.70 to 165.70): E

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: 48.52 ng

RT: 10.19 min Scan# 753

Delta R.T. -0.09 min

Lab File: BF087090.D

Acq: 16 May 2016 19:24

Instrument :

BNA_F

ClientSampleId :

HSR-WC-44-051216MSD

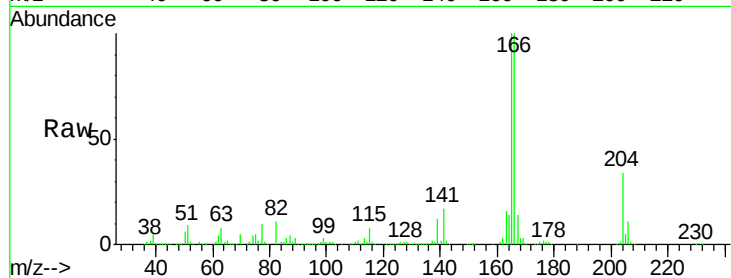
Tgt Ion:166 Resp: 613285

Ion Ratio Lower Upper

166 100

165 99.7 79.0 118.6

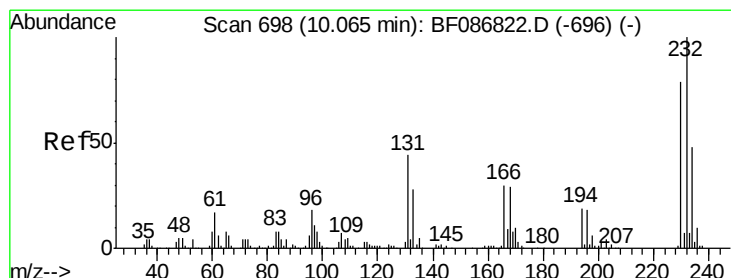
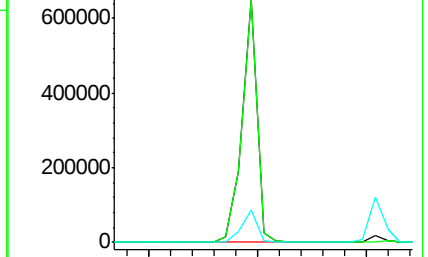
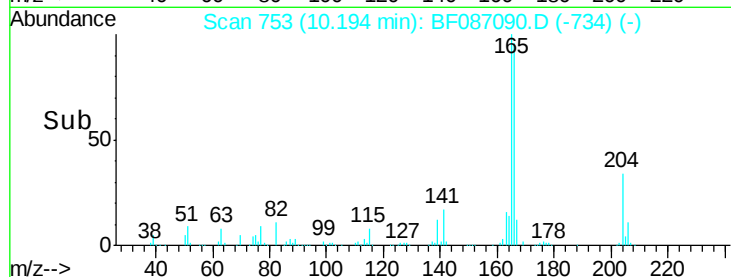
167 13.5 10.6 15.8



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: 47.37 ng

RT: 9.99 min Scan# 735

Delta R.T. -0.08 min

Lab File: BF087090.D

Acq: 16 May 2016 19:24

Tgt Ion:232 Resp: 145195

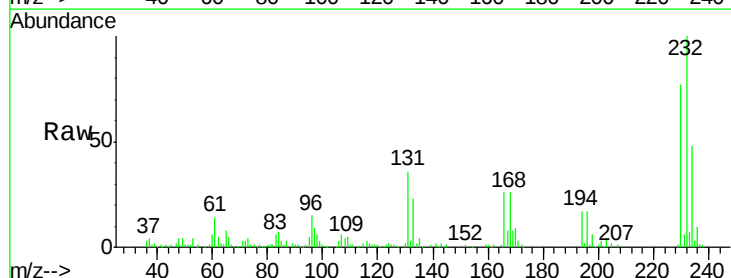
Ion Ratio Lower Upper

232 100

131 48.9 41.9 62.9

130 0.0 2.2 3.4#

166 29.9 26.8 40.2

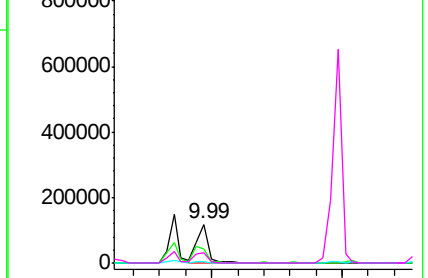
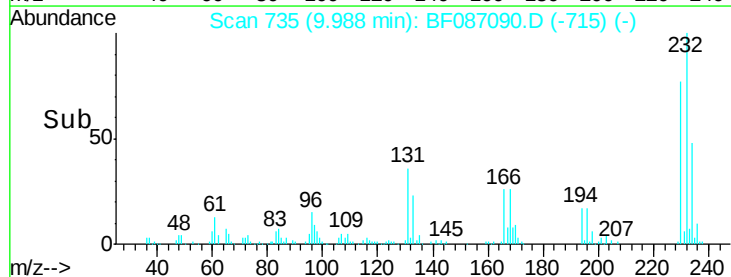


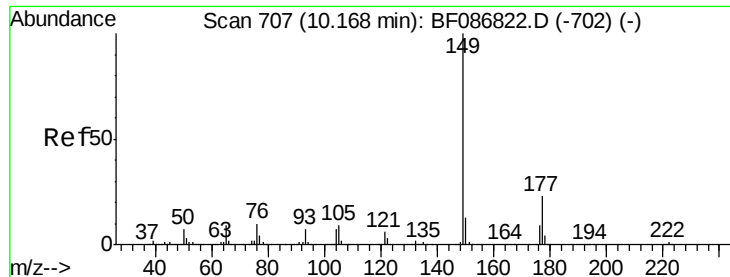
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

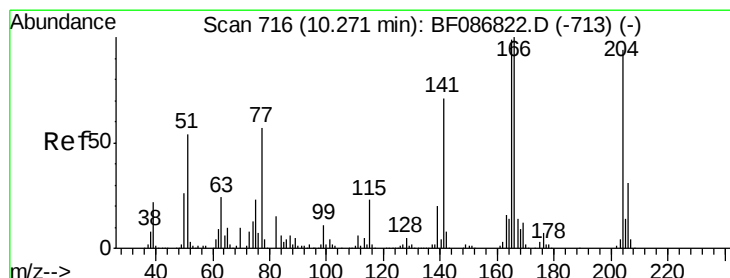
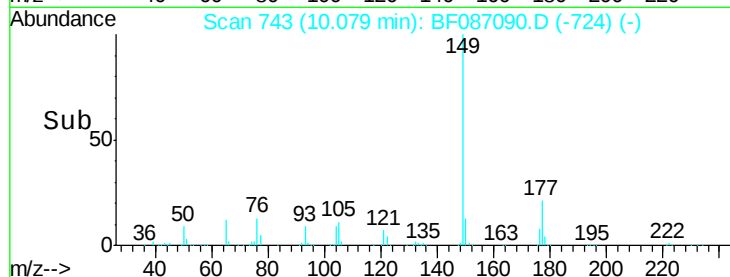
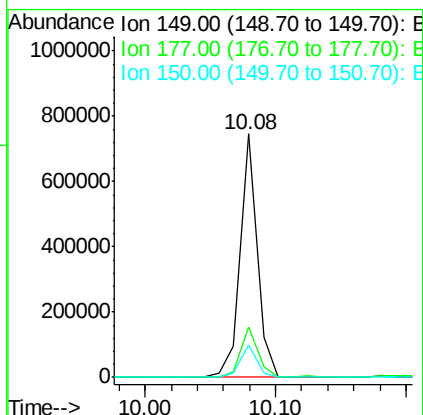
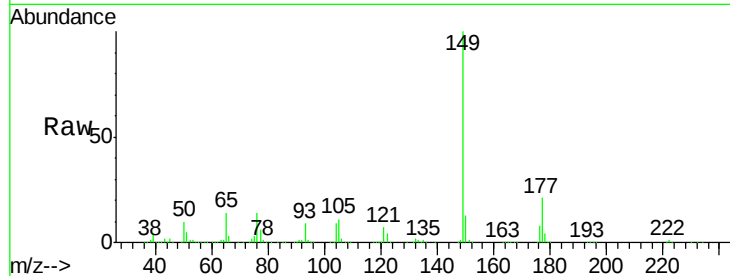




#59
Diethylphthalate
Concen: 44.60 ng
RT: 10.08 min Scan# 743
Delta R.T. -0.09 min
Lab File: BF087090.D
Acq: 16 May 2016 19:24

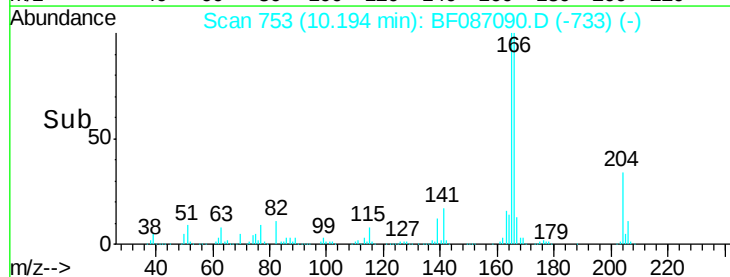
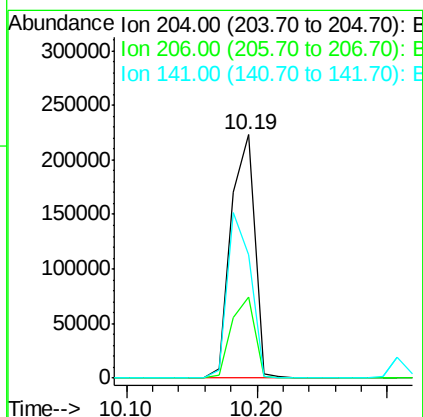
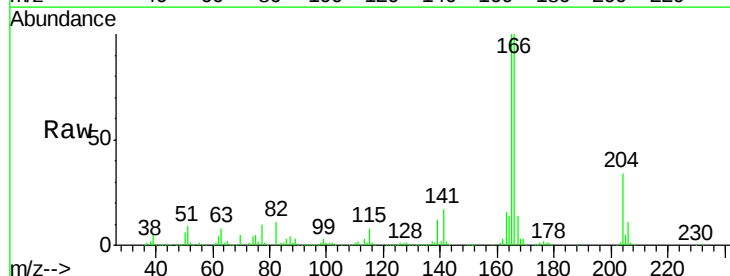
Instrument :
BNA_F
ClientSampleId :
HSR-WC-44-051216MSD

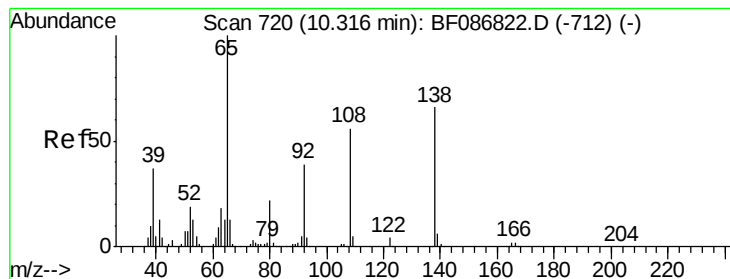
Tgt Ion:149 Resp: 671470
Ion Ratio Lower Upper
149 100
177 20.6 16.6 24.8
150 13.1 10.0 15.0



#60
4-Chlorophenyl-phenylether
Concen: 53.27 ng
RT: 10.19 min Scan# 753
Delta R.T. -0.08 min
Lab File: BF087090.D
Acq: 16 May 2016 19:24

Tgt Ion:204 Resp: 279895
Ion Ratio Lower Upper
204 100
206 33.3 25.4 38.0
141 50.7 61.6 92.4#





#61

4-Nitroaniline

Concen: 33.25 ng

RT: 10.23 min Scan# 756

Delta R.T. -0.09 min

Lab File: BF087090.D

Acq: 16 May 2016 19:24

Instrument :

BNA_F

ClientSampleId :

HSR-WC-44-051216MSD

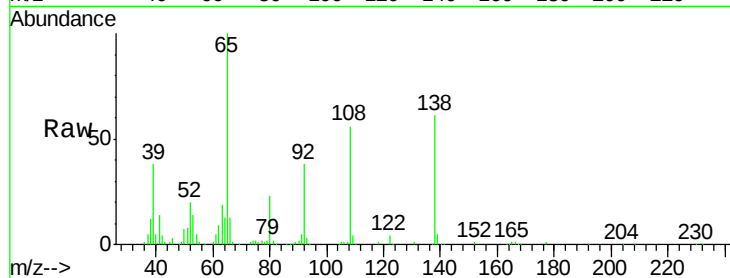
Tgt Ion:138 Resp: 109299

Ion Ratio Lower Upper

138 100

92 62.1 24.7 64.7

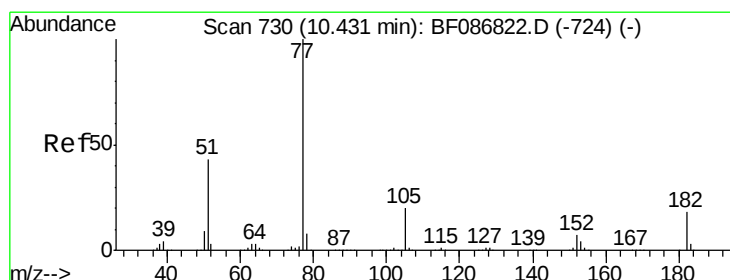
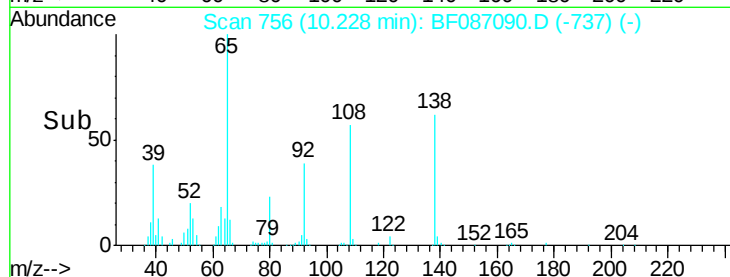
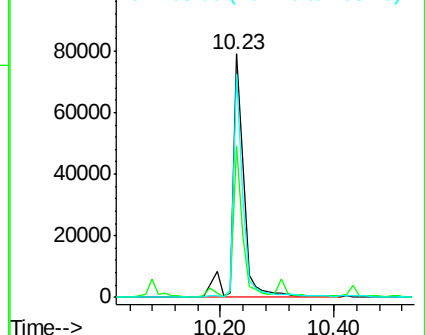
108 91.7 37.4 77.4#



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 40.01 ng

RT: 10.34 min Scan# 766

Delta R.T. -0.09 min

Lab File: BF087090.D

Acq: 16 May 2016 19:24

Tgt Ion: 77 Resp: 649890

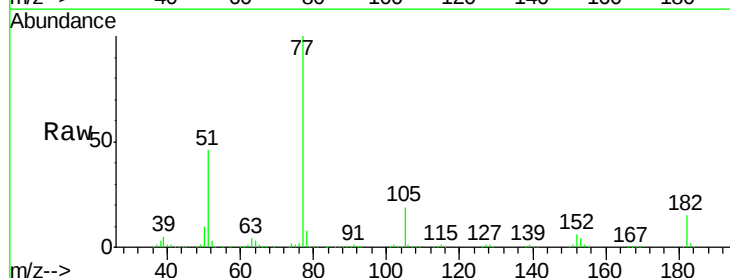
Ion Ratio Lower Upper

77 100

182 14.9 0.0 38.8

105 19.1 3.2 43.2

51 45.5 8.8 48.8

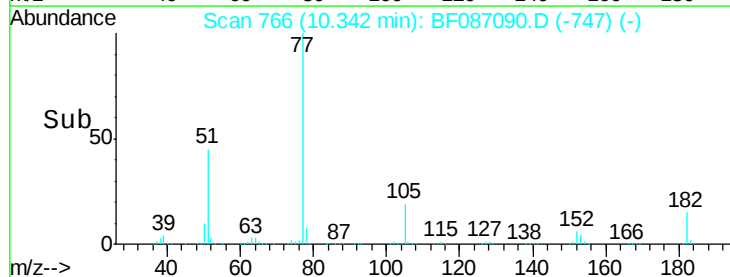
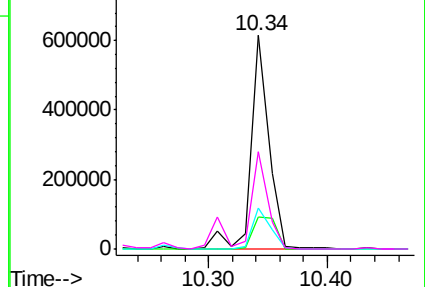


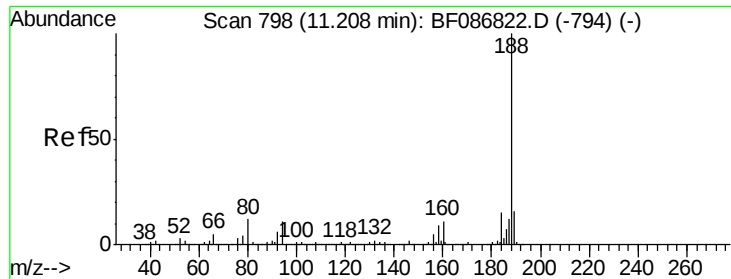
Abundance Ion 77.00 (76.70 to 77.70): BF0

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: 11.12 min Scan# 834

Delta R.T. -0.09 min

Lab File: BF087090.D

Acq: 16 May 2016 19:24

Instrument :

BNA_F

ClientSampleId :

HSR-WC-44-051216MSD

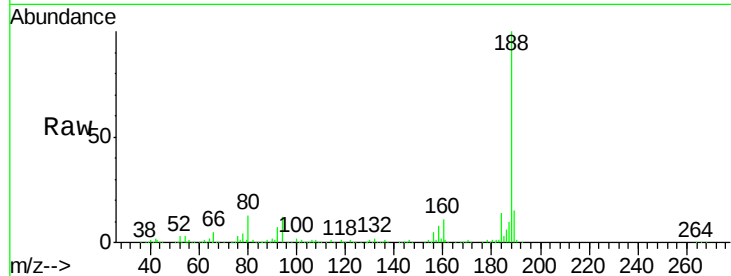
Tgt Ion:188 Resp: 314849

Ion Ratio Lower Upper

188 100

94 11.7 6.8 10.2#

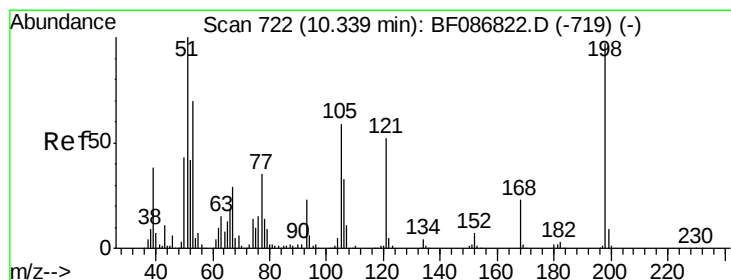
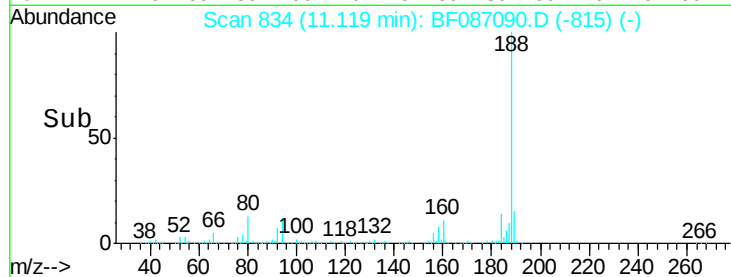
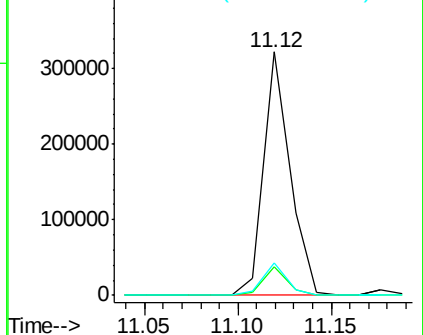
80 13.2 7.1 10.7#



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: 10.11 ng

RT: 10.26 min Scan# 759

Delta R.T. -0.08 min

Lab File: BF087090.D

Acq: 16 May 2016 19:24

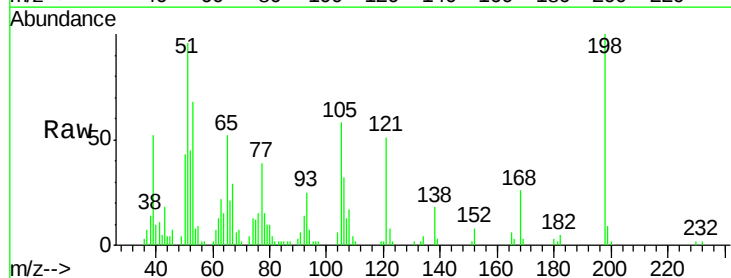
Tgt Ion:198 Resp: 19768

Ion Ratio Lower Upper

198 100

51 96.1 20.5 60.5#

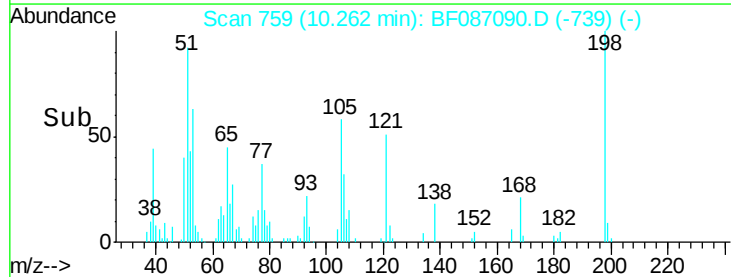
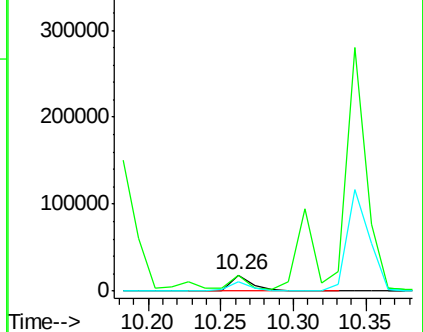
105 57.9 24.5 64.5

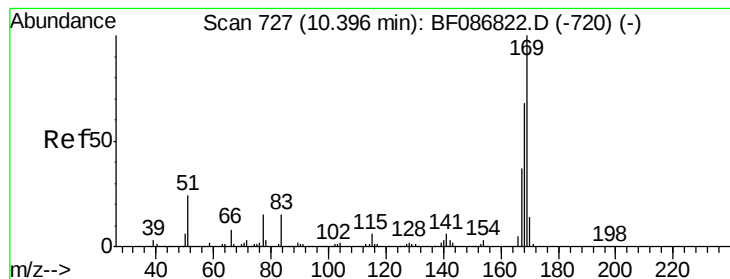


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 31.43 ng

RT: 10.31 min Scan# 763

Delta R.T. -0.09 min

Lab File: BF087090.D

Acq: 16 May 2016 19:24

Instrument :

BNA_F

ClientSampleId :

HSR-WC-44-051216MSD

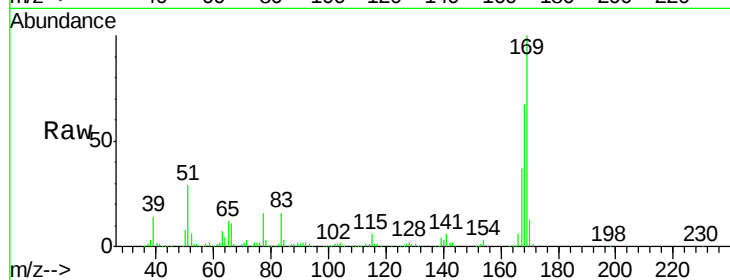
Tgt Ion:169 Resp: 303985

Ion Ratio Lower Upper

169 100

168 67.4 53.8 80.6

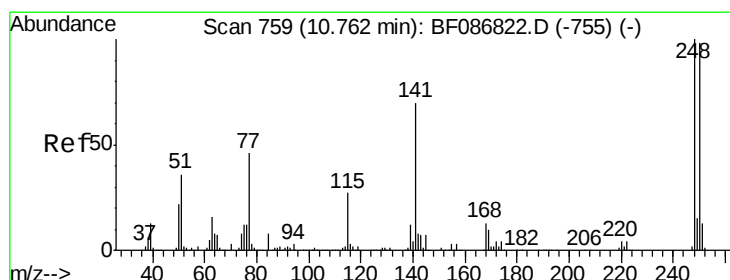
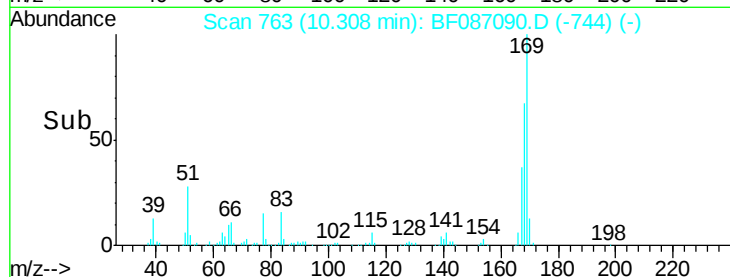
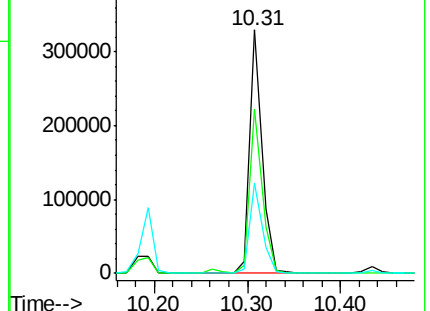
167 37.2 29.5 44.3



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: 53.18 ng

RT: 10.67 min Scan# 795

Delta R.T. -0.09 min

Lab File: BF087090.D

Acq: 16 May 2016 19:24

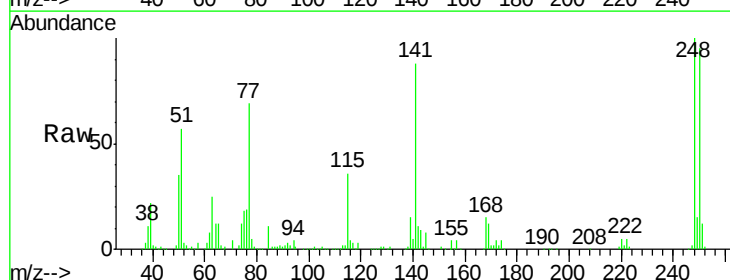
Tgt Ion:248 Resp: 169771

Ion Ratio Lower Upper

248 100

250 94.9 78.6 117.8

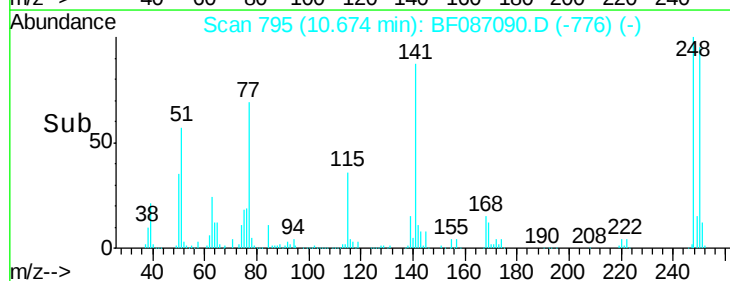
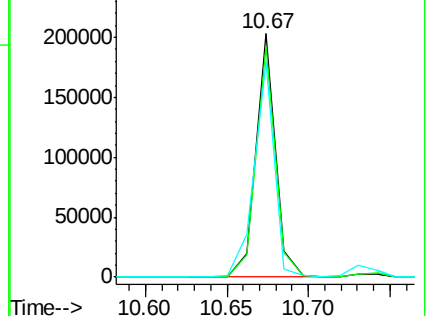
141 88.4 76.0 114.0

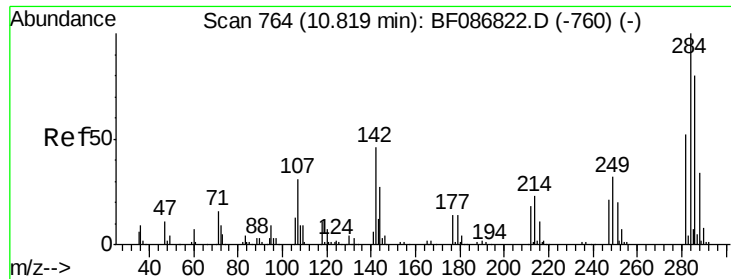


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

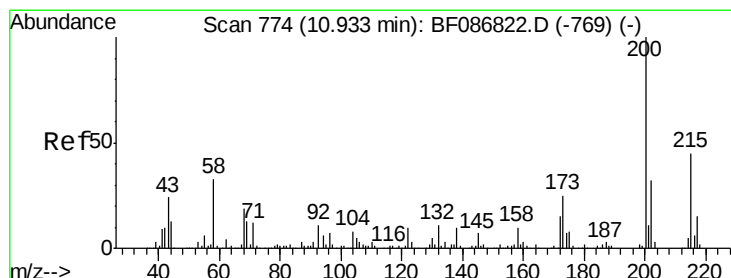
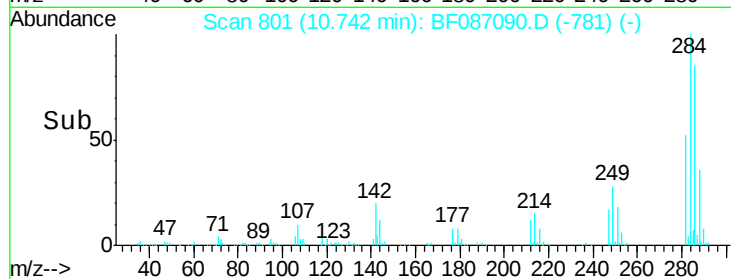
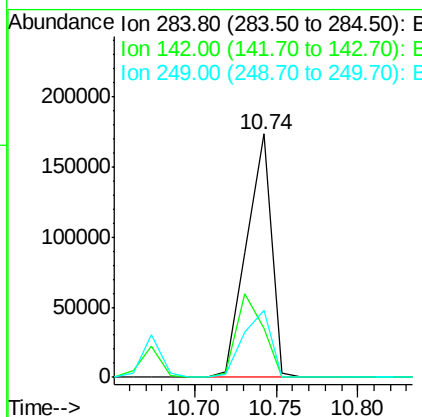
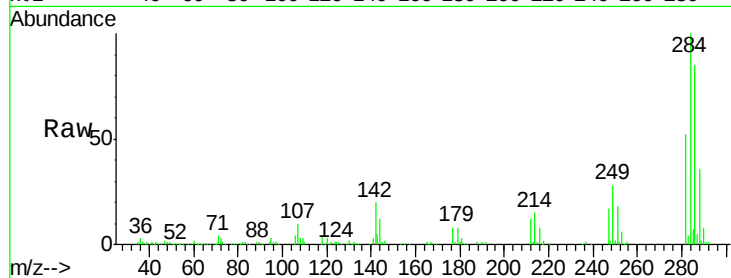




#67
Hexachlorobenzene
Concen: 49.55 ng
RT: 10.74 min Scan# 801
Delta R.T. -0.08 min
Lab File: BF087090.D
Acq: 16 May 2016 19:24

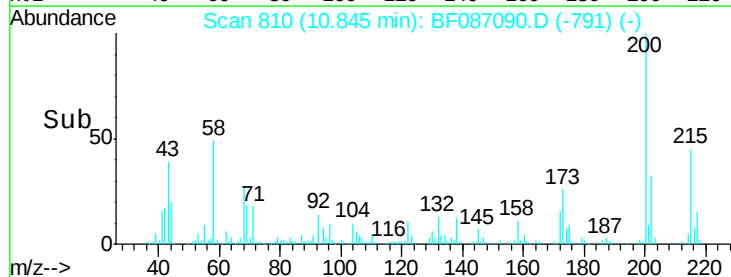
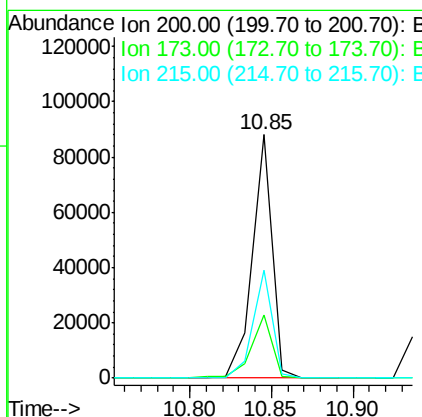
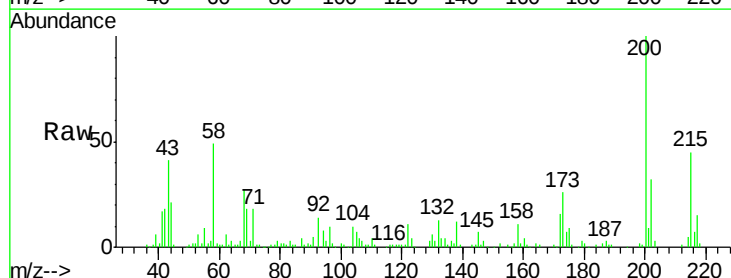
Instrument :
BNA_F
ClientSampleId :
HSR-WC-44-051216MSD

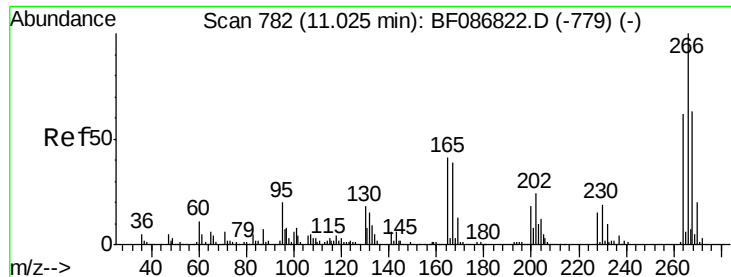
Tgt Ion:284 Resp: 184851
Ion Ratio Lower Upper
284 100
142 20.0 16.7 25.1
249 27.6 21.3 31.9



#68
Atrazine
Concen: 22.97 ng
RT: 10.85 min Scan# 810
Delta R.T. -0.09 min
Lab File: BF087090.D
Acq: 16 May 2016 19:24

Tgt Ion:200 Resp: 74222
Ion Ratio Lower Upper
200 100
173 26.1 8.5 48.5
215 44.6 27.2 67.2

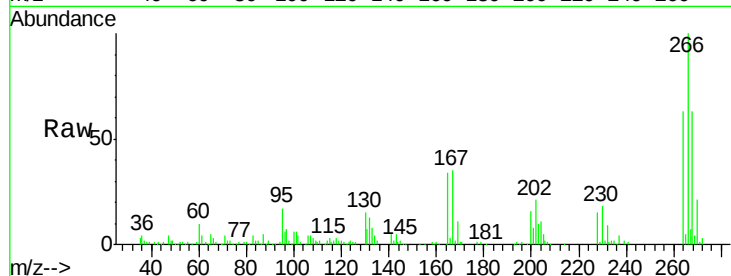




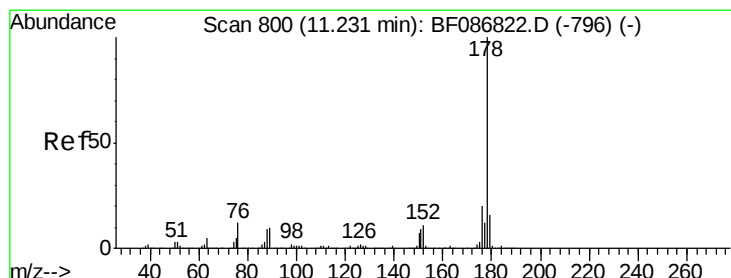
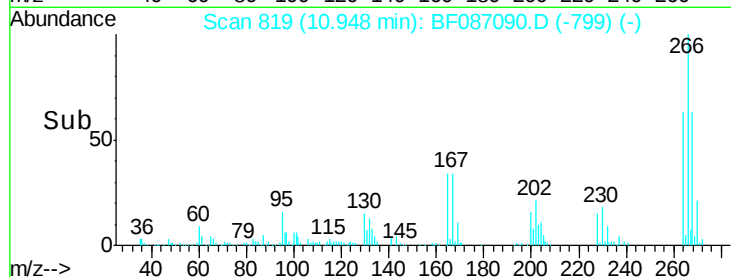
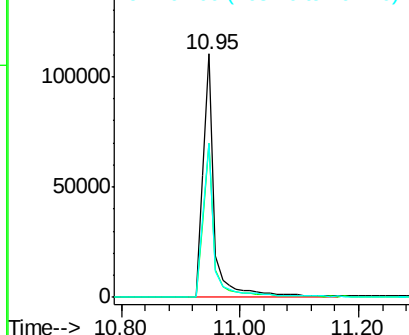
#69
 Pentachlorophenol
 Concen: 89.34 ng
 RT: 10.95 min Scan# 819
 Delta R.T. -0.08 min
 Lab File: BF087090.D
 Acq: 16 May 2016 19:24

Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-44-051216MSD

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.4	51.5	77.3
264	63.4	52.9	79.3

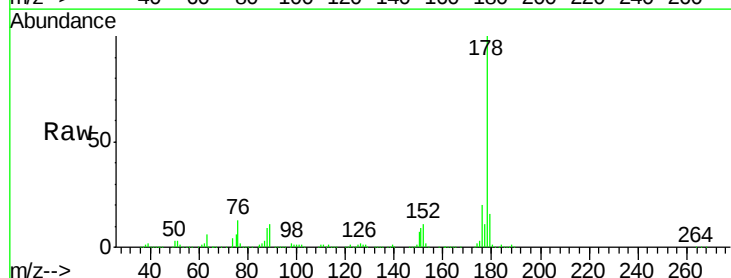


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

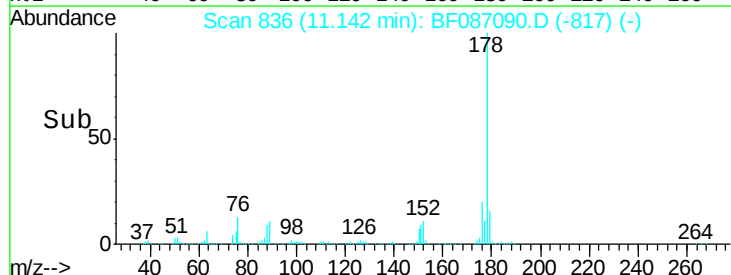
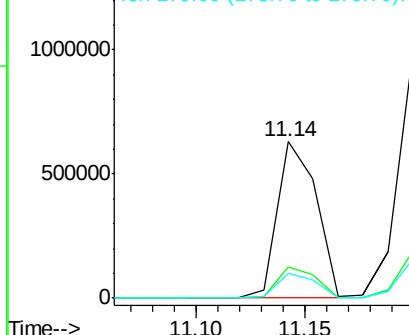


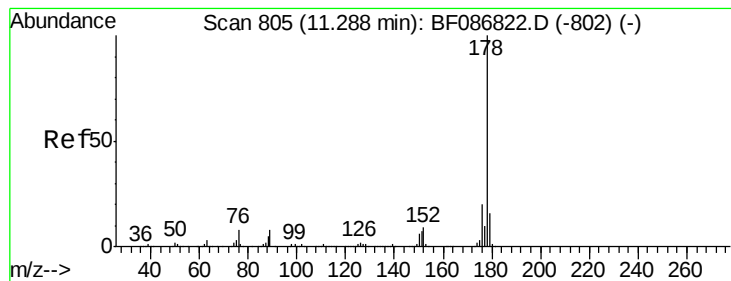
#70
 Phenanthrene
 Concen: 47.18 ng
 RT: 11.14 min Scan# 836
 Delta R.T. -0.09 min
 Lab File: BF087090.D
 Acq: 16 May 2016 19:24

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.8	16.0	24.0
179	16.0	12.6	18.8



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





#71

Anthracene

Concen: 50.56 ng

RT: 11.20 min Scan# 841

Delta R.T. -0.09 min

Lab File: BF087090.D

Acq: 16 May 2016 19:24

Instrument :

BNA_F

ClientSampleId :

HSR-WC-44-051216MSD

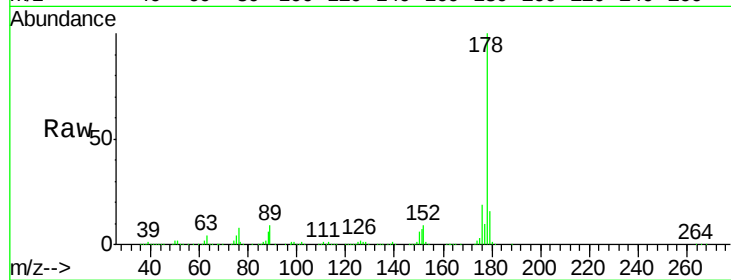
Tgt Ion:178 Resp: 868812

Ion Ratio Lower Upper

178 100

176 19.3 15.6 23.4

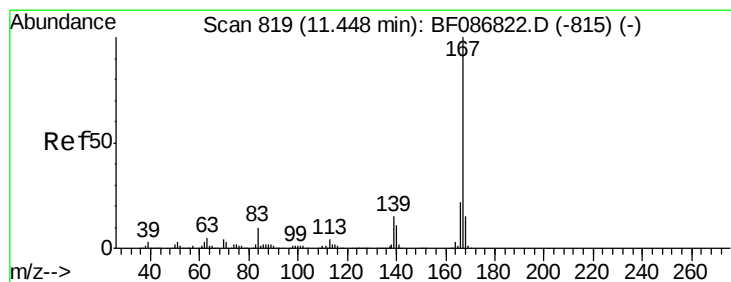
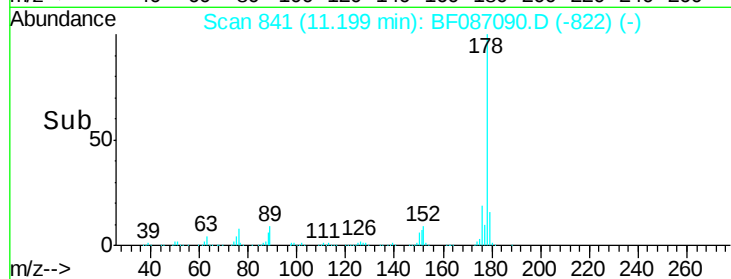
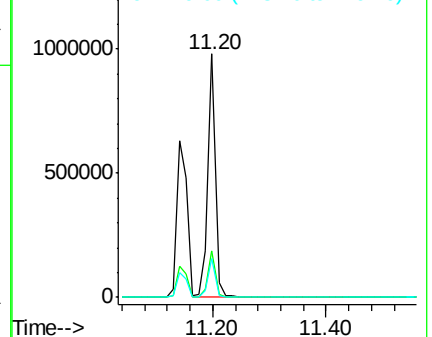
179 15.7 12.7 19.1



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 37.38 ng

RT: 11.36 min Scan# 855

Delta R.T. -0.09 min

Lab File: BF087090.D

Acq: 16 May 2016 19:24

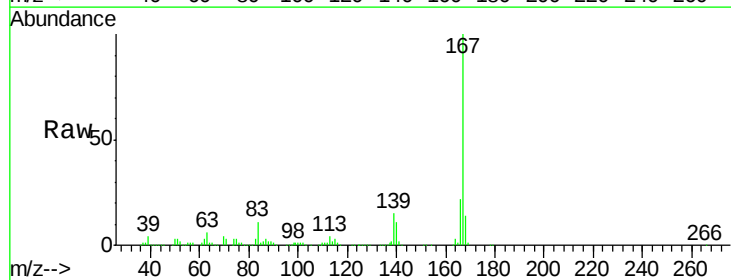
Tgt Ion:167 Resp: 552125

Ion Ratio Lower Upper

167 100

166 21.8 17.7 26.5

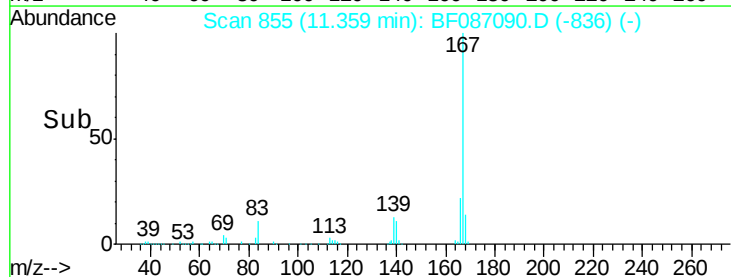
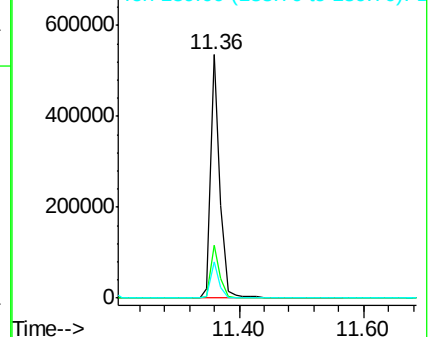
139 14.8 10.8 16.2

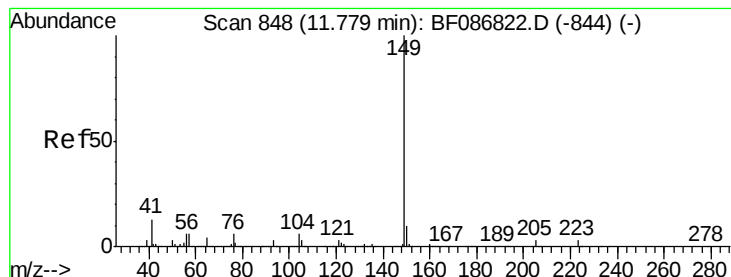


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 54.94 ng

RT: 11.70 min Scan# 885

Delta R.T. -0.08 min

Lab File: BF087090.D

Acq: 16 May 2016 19:24

Instrument :

BNA_F

ClientSampleId :

HSR-WC-44-051216MSD

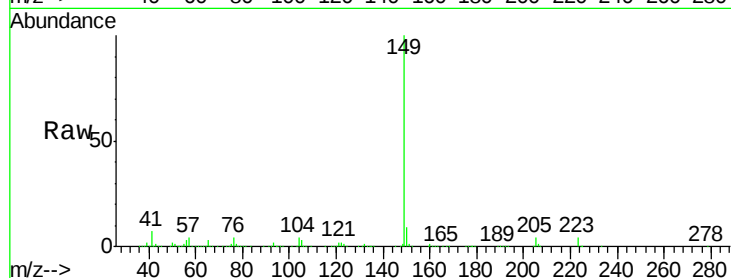
Tgt Ion:149 Resp: 991139

Ion Ratio Lower Upper

149 100

150 8.9 7.6 11.4

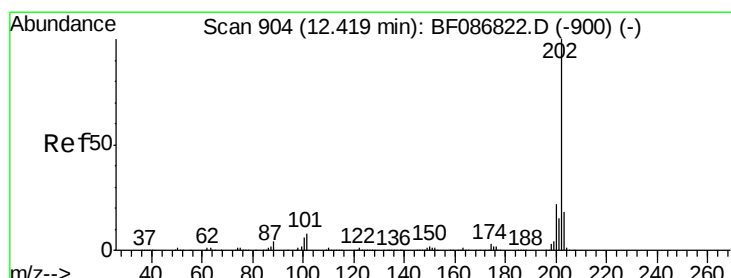
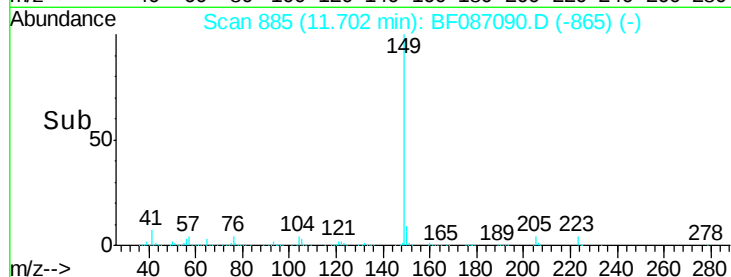
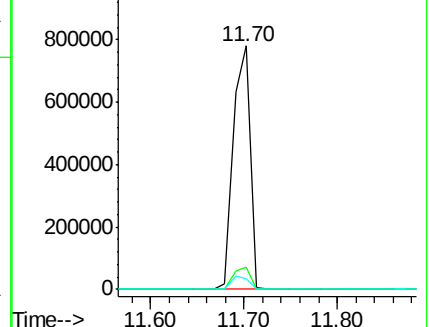
104 4.5 3.8 5.6



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: 49.44 ng

RT: 12.33 min Scan# 940

Delta R.T. -0.09 min

Lab File: BF087090.D

Acq: 16 May 2016 19:24

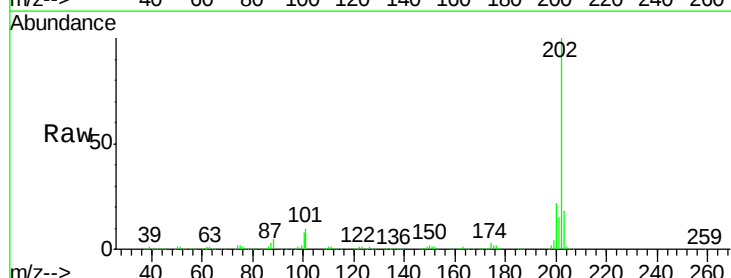
Tgt Ion:202 Resp: 854462

Ion Ratio Lower Upper

202 100

101 10.4 0.0 35.4

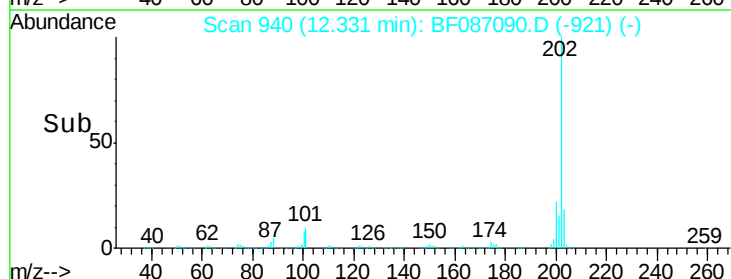
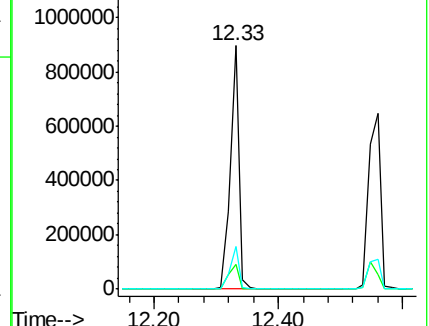
203 17.7 0.0 38.1

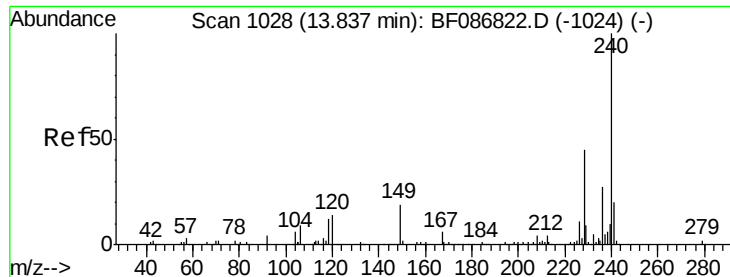


Abundance Ion 202.00 (201.70 to 202.70): E

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: 13.75 min Scan# 1064

Delta R.T. -0.09 min

Lab File: BF087090.D

Acq: 16 May 2016 19:24

Instrument :

BNA_F

ClientSampleId :

HSR-WC-44-051216MSD

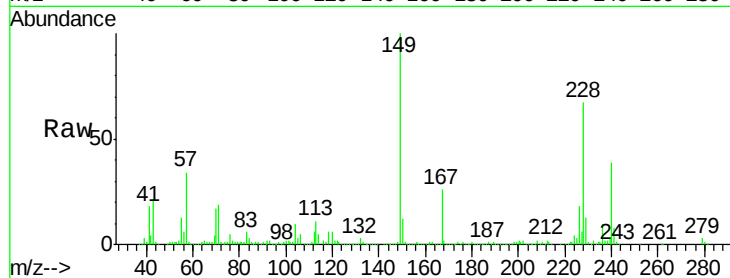
Tgt Ion:240 Resp: 231951

Ion Ratio Lower Upper

240 100

120 16.3 11.2 16.8

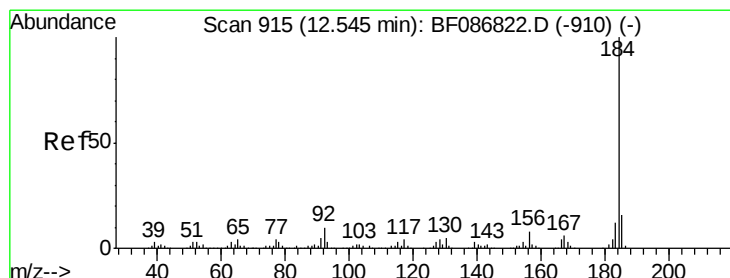
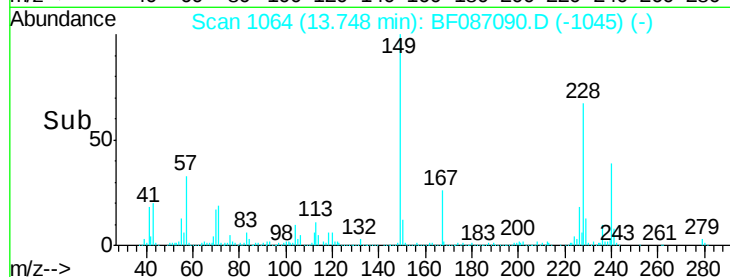
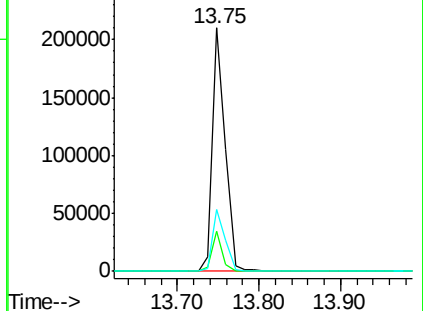
236 25.7 21.2 31.8



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: 6.72 ng

RT: 12.47 min Scan# 952

Delta R.T. -0.08 min

Lab File: BF087090.D

Acq: 16 May 2016 19:24

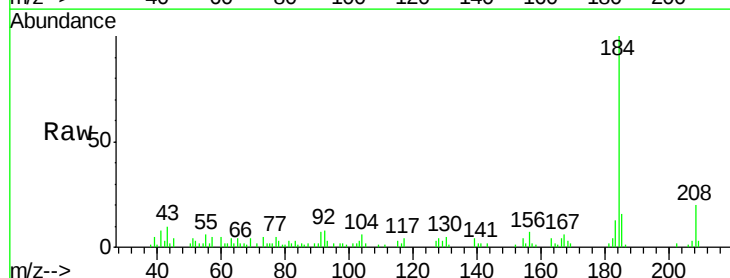
Tgt Ion:184 Resp: 39754

Ion Ratio Lower Upper

184 100

185 15.5 13.6 20.4

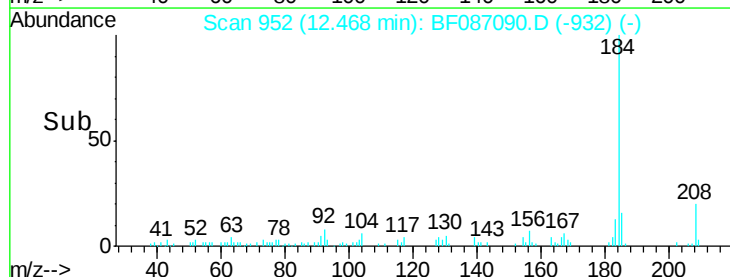
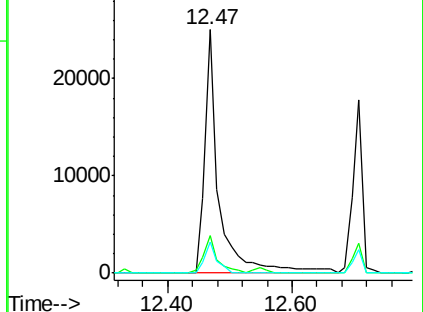
183 12.8 9.8 14.6

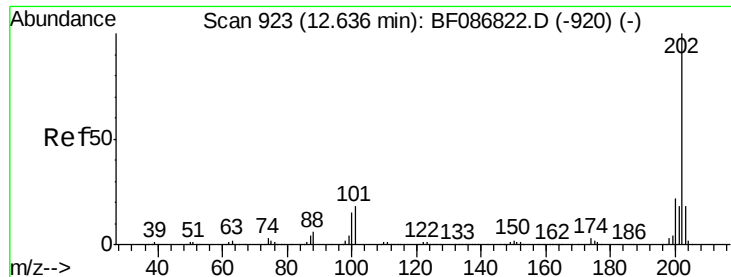


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 47.10 ng

RT: 12.56 min Scan# 960

Delta R.T. -0.08 min

Lab File: BF087090.D

Acq: 16 May 2016 19:24

Instrument :

BNA_F

ClientSampleId :

HSR-WC-44-051216MSD

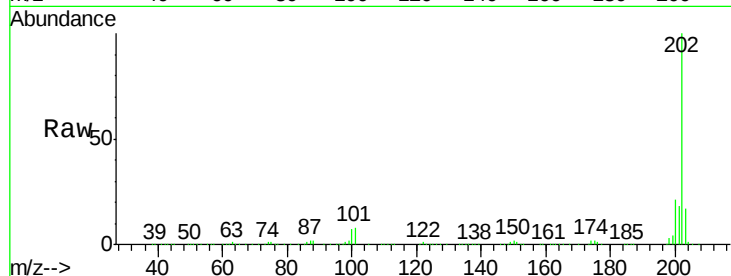
Tgt Ion:202 Resp: 836345

Ion Ratio Lower Upper

202 100

200 21.1 17.7 26.5

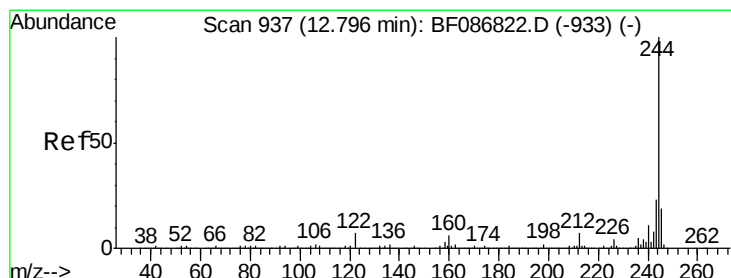
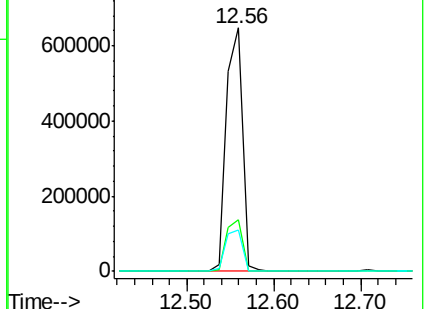
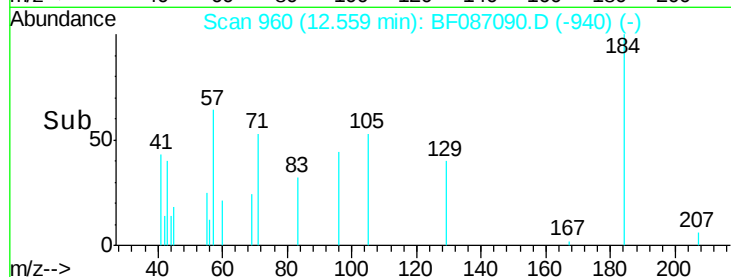
203 17.2 14.2 21.4



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: 97.10 ng

RT: 12.71 min Scan# 973

Delta R.T. -0.09 min

Lab File: BF087090.D

Acq: 16 May 2016 19:24

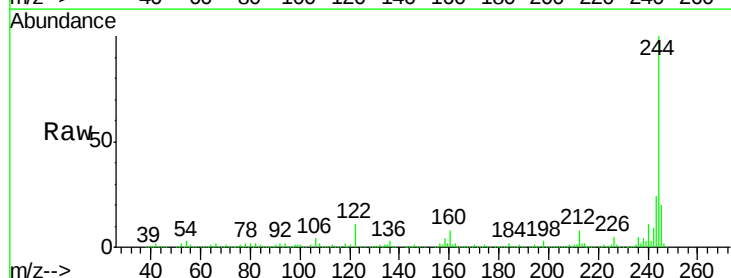
Tgt Ion:244 Resp: 1061527

Ion Ratio Lower Upper

244 100

212 7.7 6.2 9.2

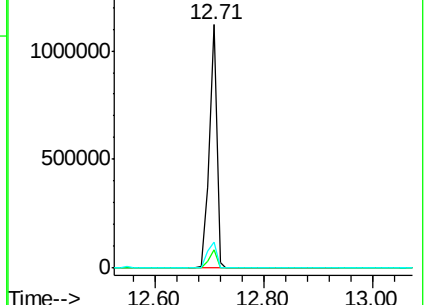
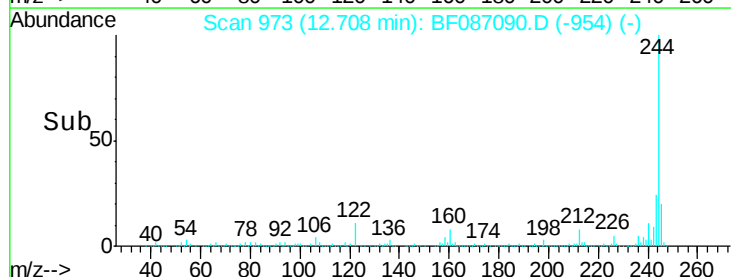
122 10.9 12.0 18.0#

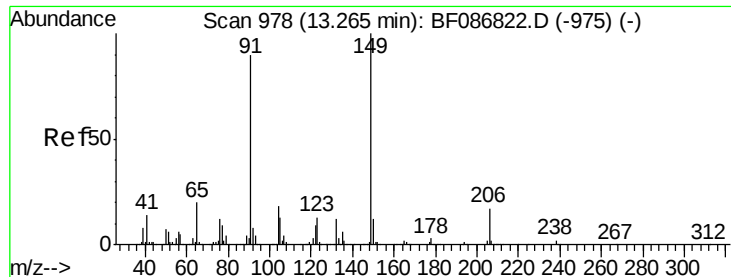


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

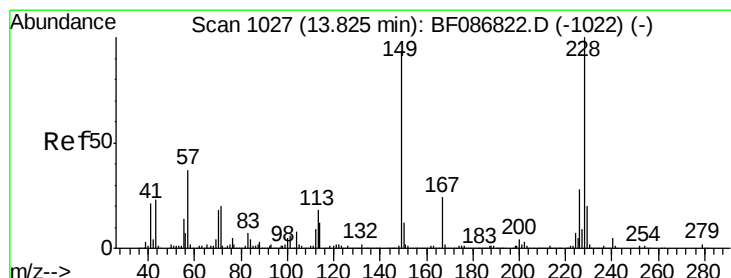
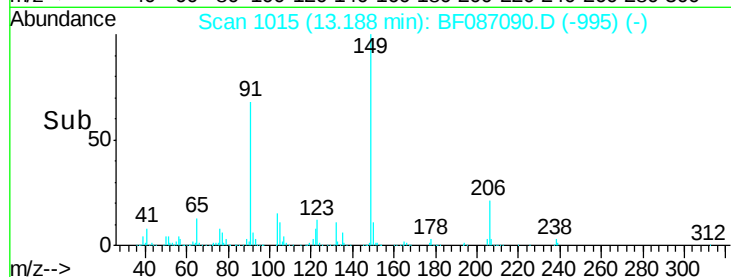
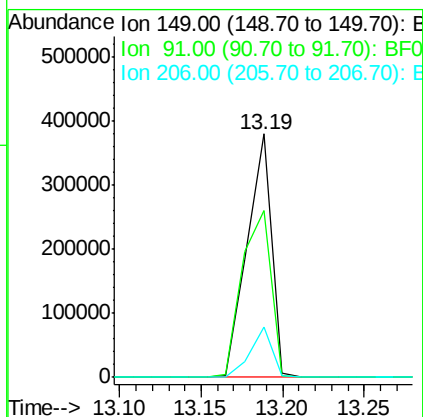
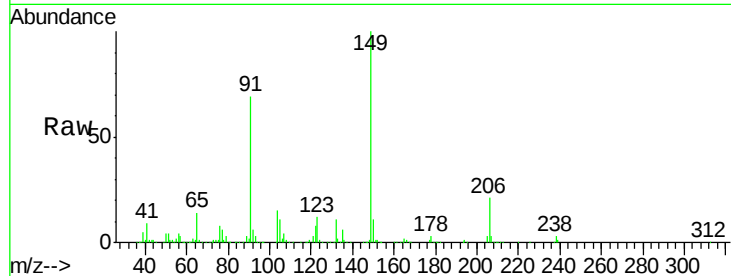




#79
Butylbenzylphthalate
Concen: 52.63 ng
RT: 13.19 min Scan# 1015
Delta R.T. -0.08 min
Lab File: BF087090.D
Acq: 16 May 2016 19:24

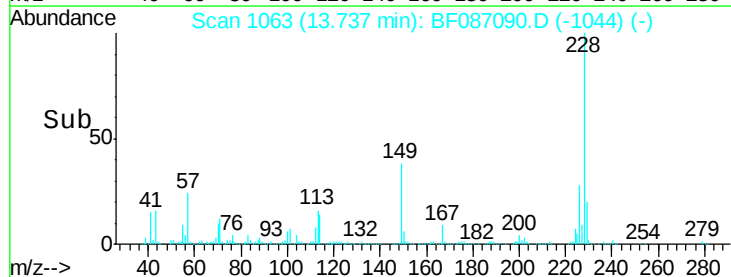
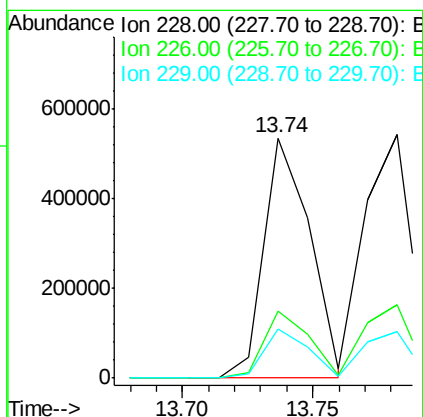
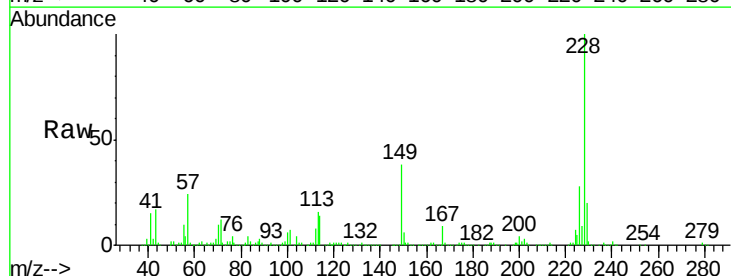
Instrument :
BNA_F
ClientSampleId :
HSR-WC-44-051216MSD

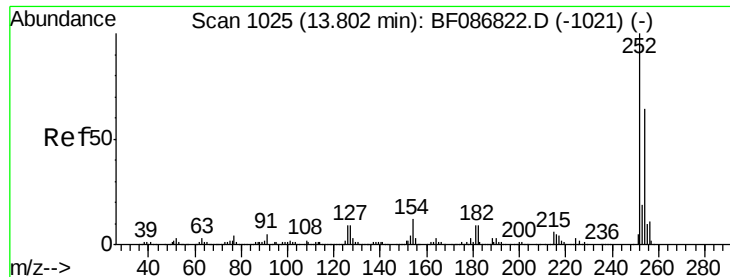
Tgt Ion:149 Resp: 395334
Ion Ratio Lower Upper
149 100
91 68.6 48.0 72.0
206 20.9 15.8 23.6



#80
Benzo(a)anthracene
Concen: 50.56 ng
RT: 13.74 min Scan# 1063
Delta R.T. -0.09 min
Lab File: BF087090.D
Acq: 16 May 2016 19:24

Tgt Ion:228 Resp: 658368
Ion Ratio Lower Upper
228 100
226 28.1 22.5 33.7
229 20.2 16.6 25.0

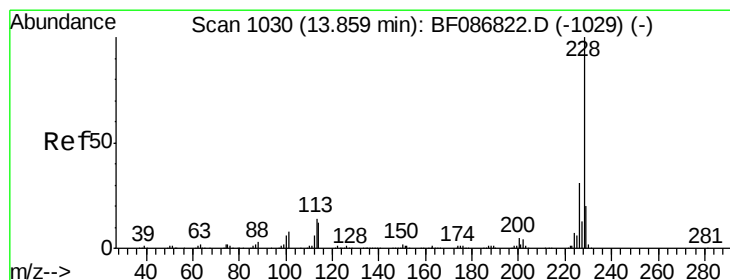
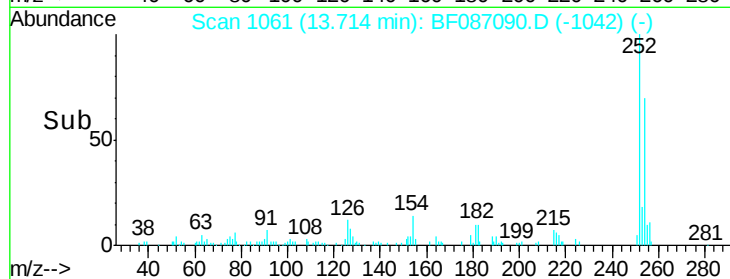
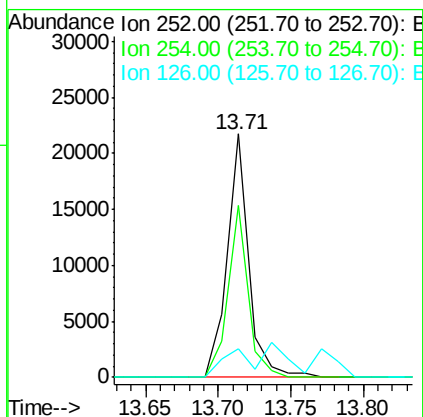
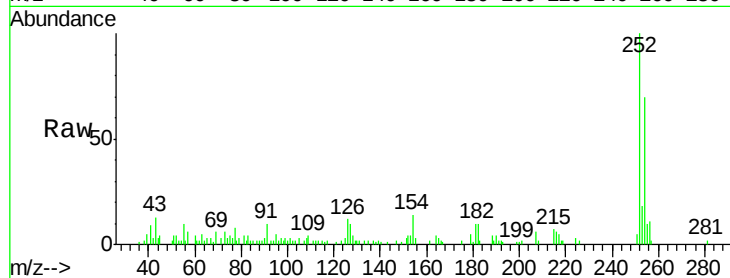




#81
 3,3'-Dichlorobenzidine
 Concen: 2.70 ng
 RT: 13.71 min Scan# 1061
 Delta R.T. -0.09 min
 Lab File: BF087090.D
 Acq: 16 May 2016 19:24

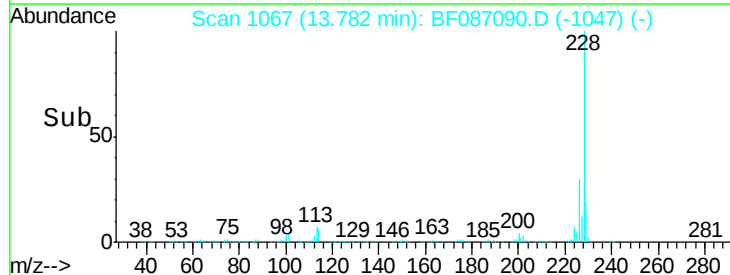
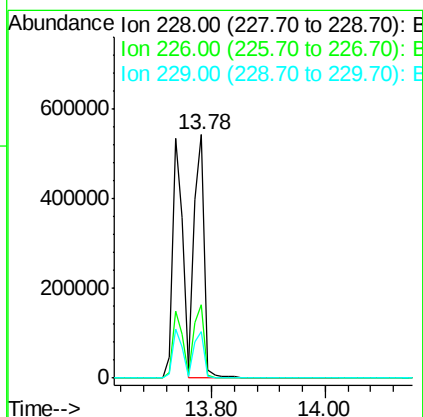
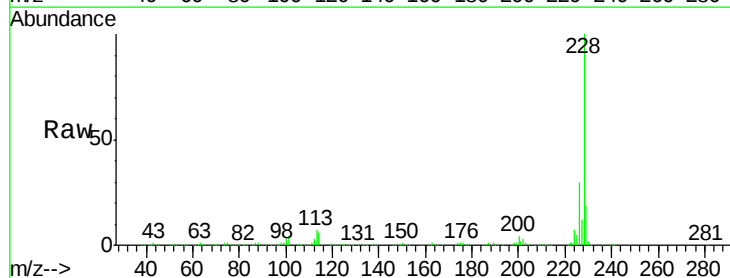
Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-44-051216MSD

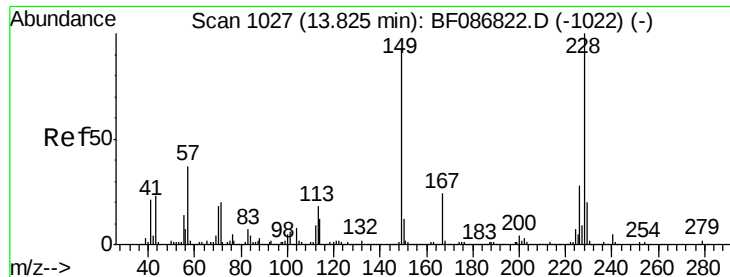
Tgt Ion: 252 Resp: 22364
 Ion Ratio Lower Upper
 252 100
 254 70.4 50.7 76.1
 126 11.8 12.7 19.1#



#82
 Chrysene
 Concen: 51.01 ng
 RT: 13.78 min Scan# 1067
 Delta R.T. -0.08 min
 Lab File: BF087090.D
 Acq: 16 May 2016 19:24

Tgt Ion: 228 Resp: 675697
 Ion Ratio Lower Upper
 228 100
 226 30.2 24.4 36.6
 229 19.2 15.8 23.8

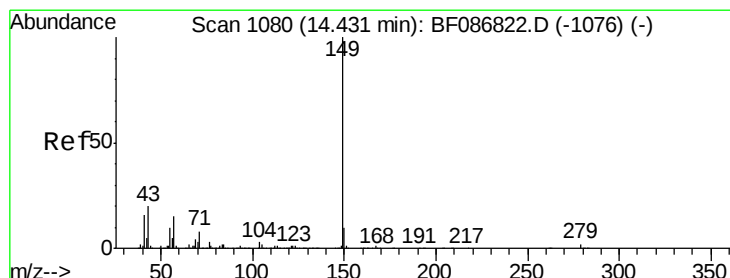
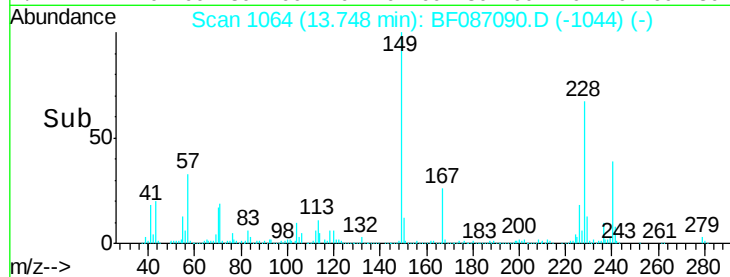
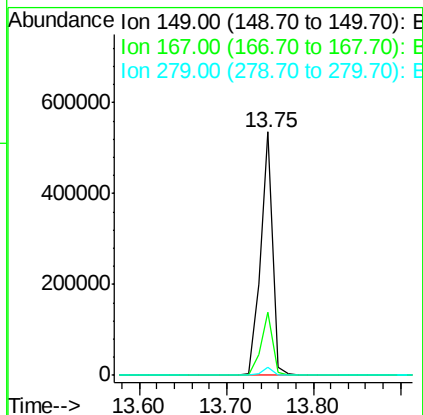
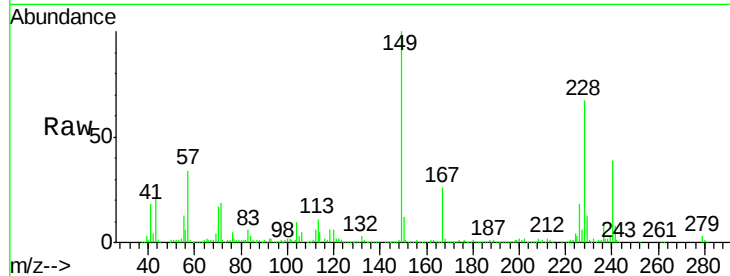




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 58.24 ng
 RT: 13.75 min Scan# 1064
 Delta R.T. -0.08 min
 Lab File: BF087090.D
 Acq: 16 May 2016 19:24

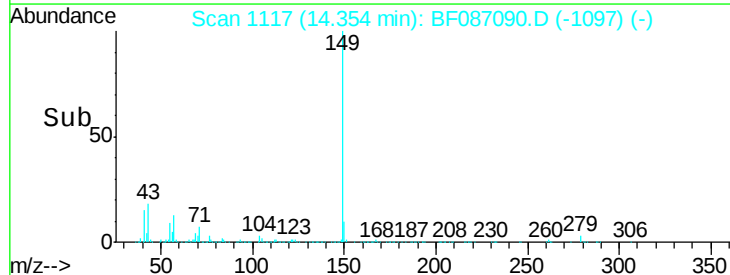
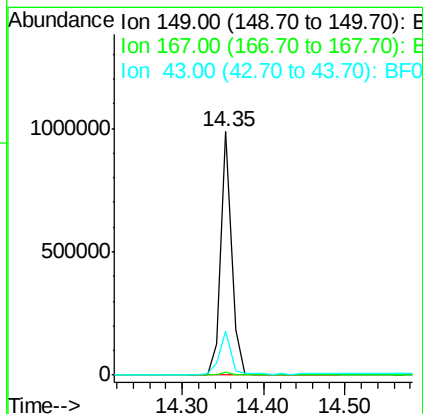
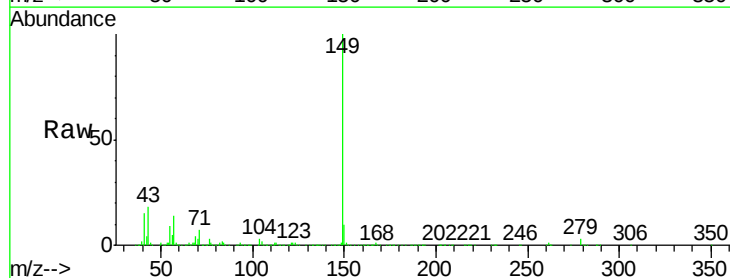
Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-44-051216MSD

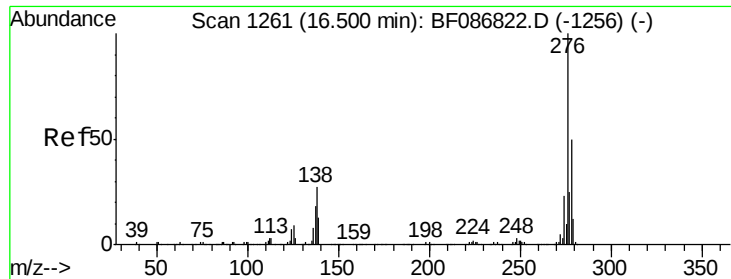
Tgt Ion:149 Resp: 526202
 Ion Ratio Lower Upper
 149 100
 167 26.2 21.8 32.6
 279 3.3 2.6 4.0



#84
 Di-n-octyl phthalate
 Concen: 59.75 ng
 RT: 14.35 min Scan# 1117
 Delta R.T. -0.08 min
 Lab File: BF087090.D
 Acq: 16 May 2016 19:24

Tgt Ion:149 Resp: 894289
 Ion Ratio Lower Upper
 149 100
 167 1.7 1.2 1.8
 43 17.9 8.2 12.4#





#85

Indeno(1,2,3-cd)pyrene

Concen: 45.77 ng

RT: 16.37 min Scan# 1293

Delta R.T. -0.13 min

Lab File: BF087090.D

Acq: 16 May 2016 19:24

Instrument :

BNA_F

ClientSampleId :

HSR-WC-44-051216MSD

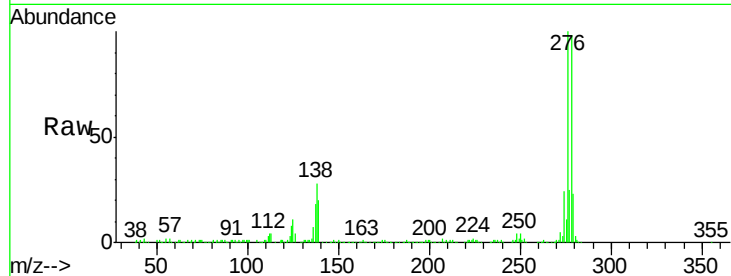
Tgt Ion:276 Resp: 504391

Ion Ratio Lower Upper

276 100

138 27.5 25.6 38.4

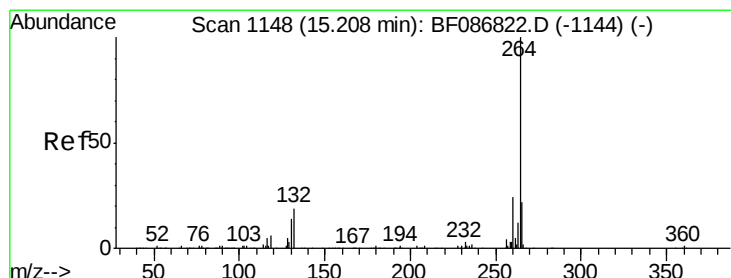
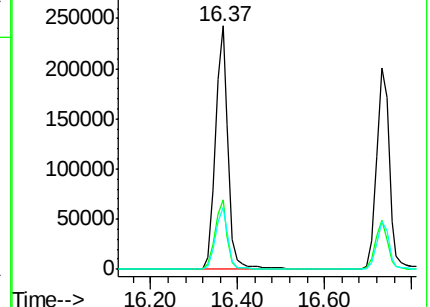
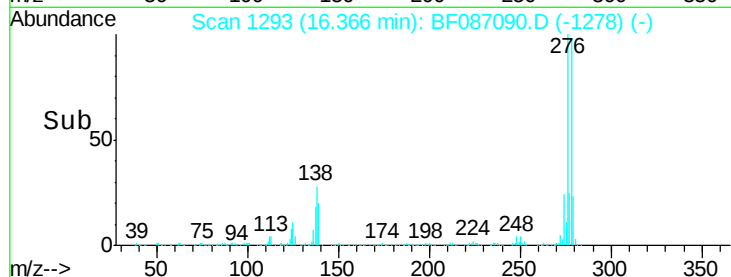
277 25.5 20.5 30.7



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: 15.11 min Scan# 1183

Delta R.T. -0.10 min

Lab File: BF087090.D

Acq: 16 May 2016 19:24

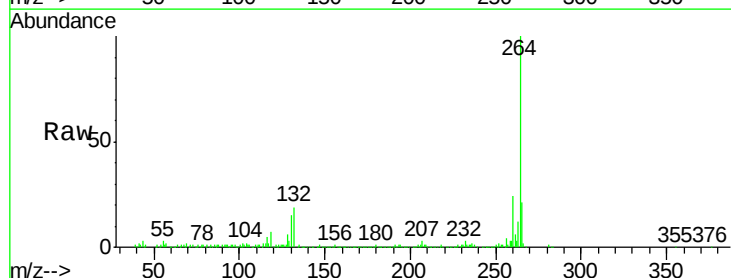
Tgt Ion:264 Resp: 195292

Ion Ratio Lower Upper

264 100

260 24.5 19.5 29.3

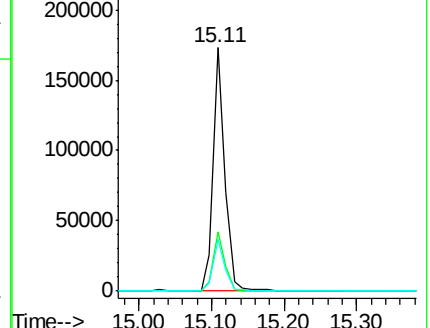
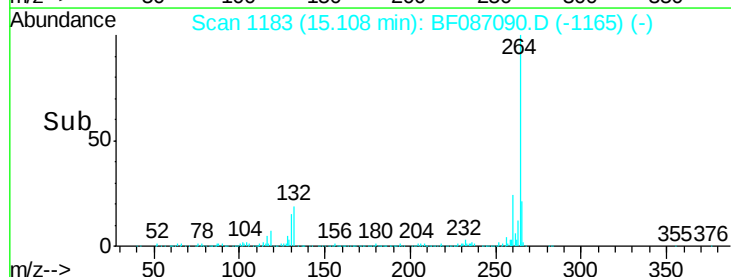
265 21.5 17.3 25.9

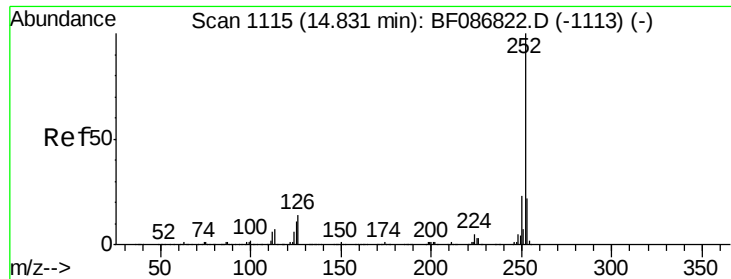


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 87.31 ng

RT: 14.74 min Scan# 1151

Delta R.T. -0.09 min

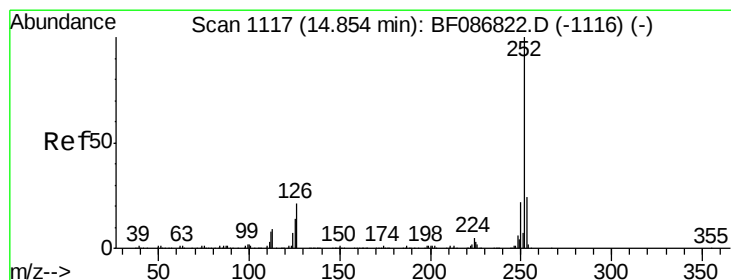
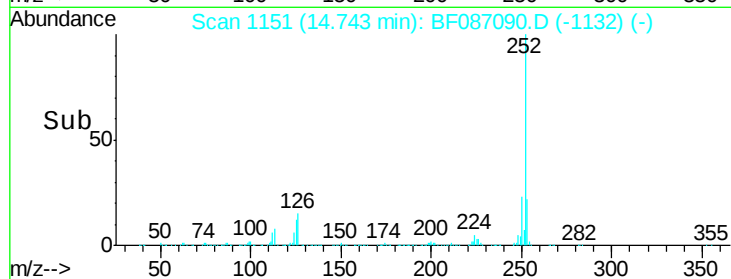
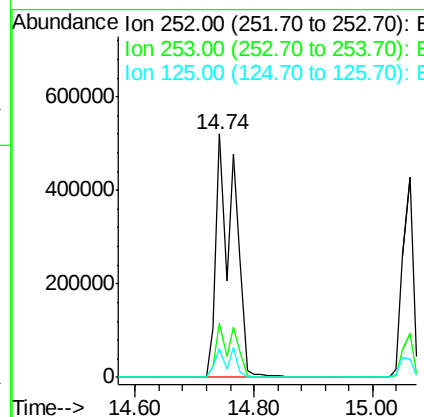
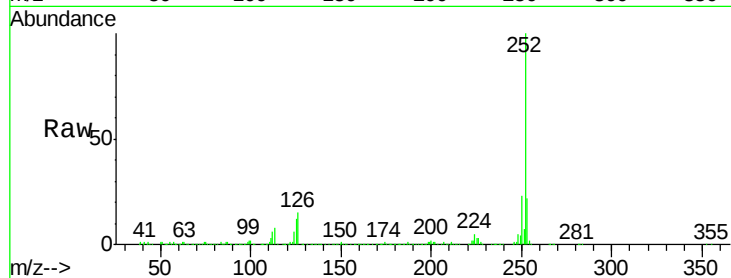
Lab File: BF087090.D

Acq: 16 May 2016 19:24

Instrument :
BNA_F
ClientSampleId :
HSR-WC-44-051216MSD

Tgt Ion:252 Resp: 1108179

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.8	26.6
125	11.9	11.4	17.0



#88

Benzo(k)fluoranthene

Concen: 106.63 ng

RT: 14.74 min Scan# 1151

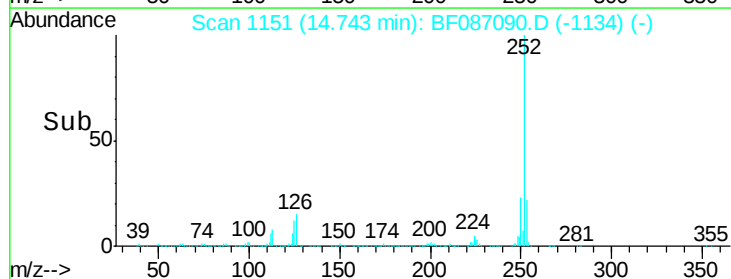
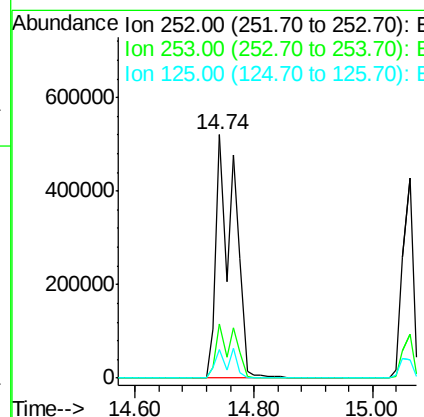
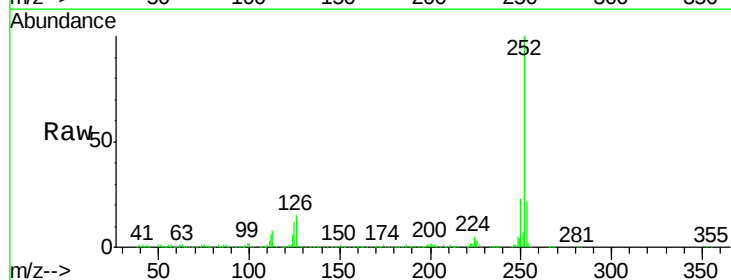
Delta R.T. -0.11 min

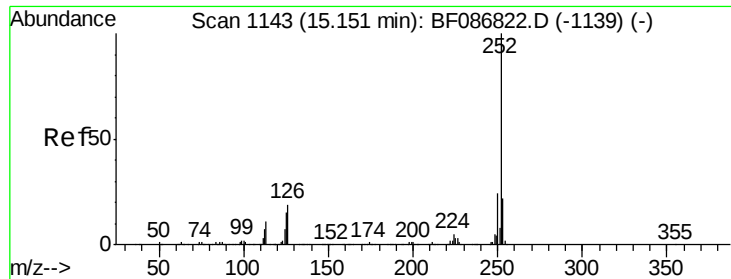
Lab File: BF087090.D

Acq: 16 May 2016 19:24

Tgt Ion:252 Resp: 1108179

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.8	26.6
125	11.9	9.1	13.7

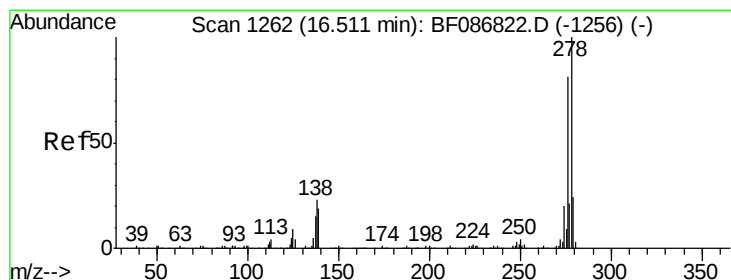
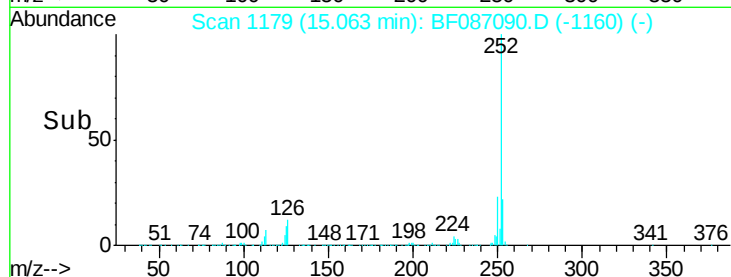
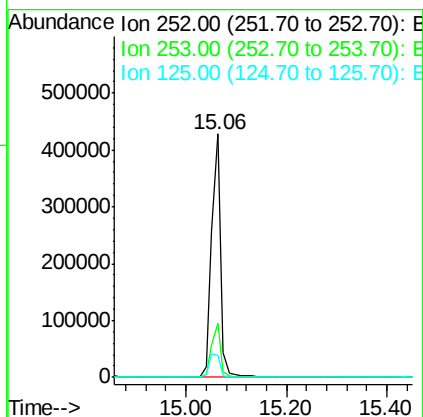
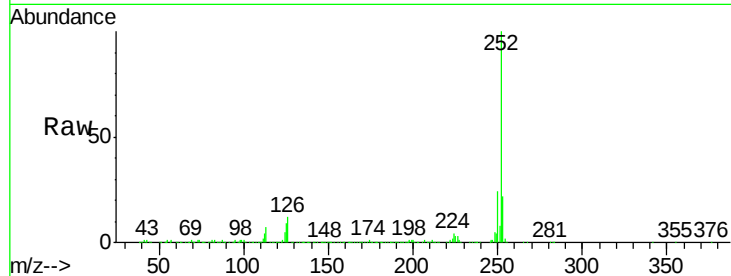




#89
Benzo(a)pyrene
Concen: 48.24 ng
RT: 15.06 min Scan# 1179
Delta R.T. -0.09 min
Lab File: BF087090.D
Acq: 16 May 2016 19:24

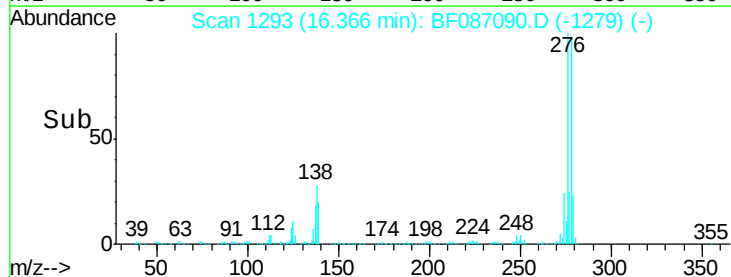
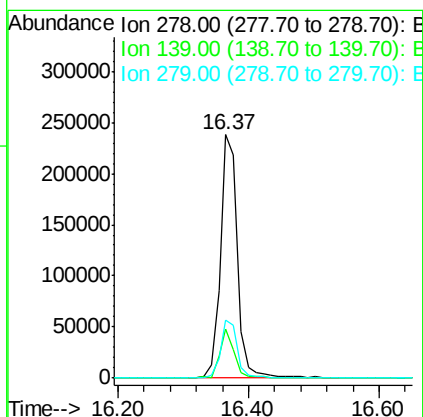
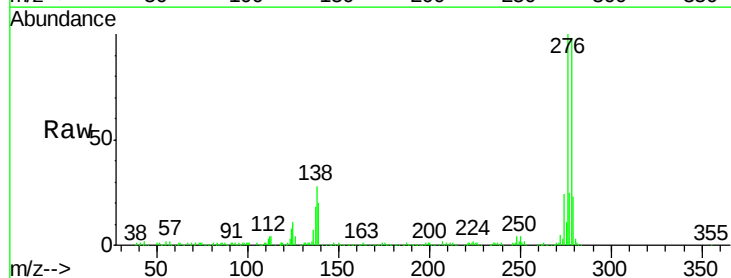
Instrument :
BNA_F
ClientSampleId :
HSR-WC-44-051216MSD

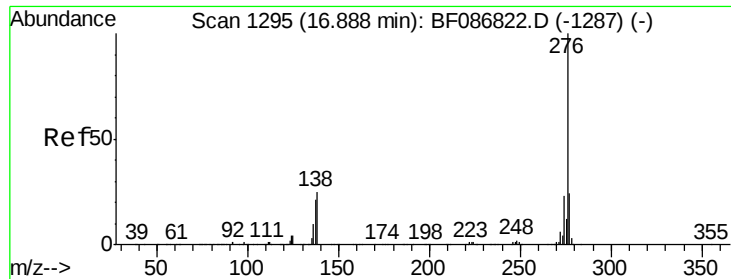
Tgt Ion: 252 Resp: 528127
Ion Ratio Lower Upper
252 100
253 22.2 17.2 25.8
125 9.2 9.0 13.6



#90
Dibenzo(a,h)anthracene
Concen: 47.15 ng
RT: 16.37 min Scan# 1293
Delta R.T. -0.15 min
Lab File: BF087090.D
Acq: 16 May 2016 19:24

Tgt Ion: 278 Resp: 435017
Ion Ratio Lower Upper
278 100
139 20.2 16.6 24.8
279 23.9 19.6 29.4





#91

Benzo(g,h,i)perylene

Concen: 43.46 ng

RT: 16.73 min Scan# 1325

Delta R.T. -0.16 min

Lab File: BF087090.D

Acq: 16 May 2016 19:24

Instrument :

BNA_F

ClientSampleId :

HSR-WC-44-051216MSD

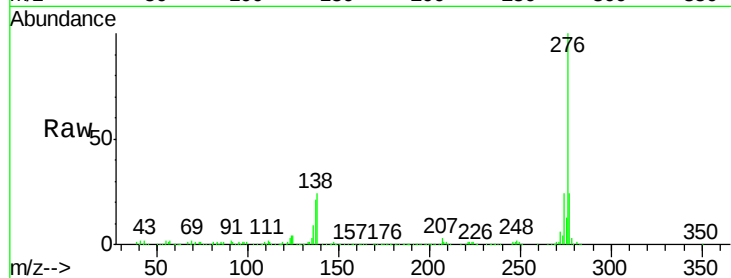
Tgt Ion: 276 Resp: 407452

Ion Ratio Lower Upper

276 100

277 23.9 19.6 29.4

138 24.3 23.6 35.4



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

