

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050916\
 Data File : BF086831.D
 Acq On : 9 May 2016 20:10
 Operator : UM/SJ
 Sample : H2880-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-42-050416

Quant Time: May 10 02:04:25 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 09 16:04:56 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	145310	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	603915	20.00	ng	-0.01
38) Acenaphthene-d10	9.72	164	296618	20.00	ng	-0.01
63) Phenanthrene-d10	11.21	188	629548	20.00	ng	0.00
75) Chrysene-d12	13.83	240	531363	20.00	ng	-0.01
86) Perylene-d12	15.21	264	439660	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.30	112	736952	85.89	ng	0.01
7) Phenol-d6	6.35	99	984170	85.82	ng	-0.01
23) Nitrobenzene-d5	7.26	82	689548	57.33	ng	0.00
41) 2,4,6-Tribromophenol	10.51	330	282379	89.92	ng	-0.01
44) 2-Fluorobiphenyl	9.06	172	1223680	69.33	ng	0.00
78) Terphenyl-d14	12.78	244	1288328	51.44	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.42	88	208	0.05	ng	# 22
4) n-Nitrosodimethylamine	2.82	42	222	0.03	ng	# 1
6) Aniline	6.38	93	7017	0.51	ng	# 54
8) 2-Chlorophenol	6.48	128	501	0.05	ng	# 1
9) Benzaldehyde	6.28	77	747	0.11	ng	# 1
10) Phenol	6.36	94	2087	0.15	ng	# 1
11) bis(2-Chloroethyl)ether	6.46	93	2476	0.23	ng	# 1
12) 1,3-Dichlorobenzene	6.70	146	677	0.06	ng	# 1
13) 1,4-Dichlorobenzene	6.70	146	677	0.06	ng	# 66
14) 1,2-Dichlorobenzene	6.86	146	220	0.02	ng	# 24
15) Benzyl Alcohol	6.84	79	11036	1.39	ng	# 43
16) 2,2'-oxybis(1-Chloropropan	6.93	45	236	0.01	ng	# 64
17) 2-Methylphenol	7.17	107	2145	0.26	ng	# 75
18) Hexachloroethane	7.26	117	1465	0.34	ng	# 6
19) n-Nitroso-di-n-propylamine	7.26	70	93644	11.68	ng	# 79
20) 3+4-Methylphenols	7.17	107	2145	0.20	ng	# 64
22) Acetophenone	7.09	105	339	0.02	ng	# 2
24) Nitrobenzene	7.26	77	2884	0.23	ng	# 30
25) Isophorone	7.26	82	664182	29.76	ng	# 68
27) 2,4-Dimethylphenol	7.76	122	6695	0.72	ng	# 7
30) 1,2,4-Trichlorobenzene	7.92	180	904	0.10	ng	# 94
31) Naphthalene	8.00	128	49757	1.64	ng	# 98
32) Benzoic acid	7.76	122	7422	1.36	ng	# 80
33) 4-Chloroaniline	8.09	127	6546	0.56	ng	# 93
36) 4-Chloro-3-methylphenol	8.57	107	824	0.08	ng	# 20
37) 2-Methylnaphthalene	8.69	142	9715	0.55	ng	# 97
45) 1,1'-Biphenyl	9.15	154	1302	0.06	ng	# 81
47) 2-Nitroaniline	9.05	65	2712	0.40	ng	# 4
48) Acenaphthylene	9.58	152	512	0.02	ng	# 60
50) 2,6-Dinitrotoluene	9.72	165	38015	7.98	ng	# 20
51) Acenaphthene	9.72	154	1522	0.09	ng	# 5
54) Dibenzofuran	9.94	168	753	0.03	ng	# 44
56) 2,4-Dinitrotoluene	9.72	165	38017	6.45	ng	# 16
57) Fluorene	10.27	166	920	0.05	ng	# 85

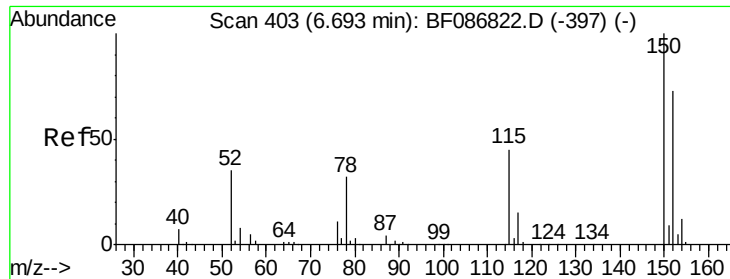
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050916\
 Data File : BF086831.D
 Acq On : 9 May 2016 20:10
 Operator : UM/SJ
 Sample : H2880-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-42-050416

Quant Time: May 10 02:04:25 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 09 16:04:56 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
58) 2,3,4,6-Tetrachlorophenol	10.06	232	306	0.07	ng	# 34
59) Diethylphthalate	10.16	149	3499	0.16	ng	# 96
62) Azobenzene	10.44	77	756	0.03	ng	# 1
64) 4,6-Dinitro-2-methylphenol	10.51	198	849	0.22	ng	# 1
65) n-Nitrosodiphenylamine	10.51	169	9030	0.47	ng	# 46
66) 4-Bromophenyl-phenylether	10.51	248	16328	2.56	ng	# 1
68) Atrazine	11.02	200	224	0.03	ng	# 36
69) Pentachlorophenol	11.02	266	2843	0.82	ng	# 89
70) Phenanthrene	11.23	178	3652	0.11	ng	# 91
71) Anthracene	11.26	178	2369	0.07	ng	# 60
72) Carbazole	11.46	167	881	0.03	ng	# 59
73) Di-n-butylphthalate	11.78	149	13947	0.39	ng	# 98
74) Fluoranthene	12.41	202	1596	0.05	ng	# 61
76) Benzidine	12.58	184	1697	0.13	ng	# 64
77) Pyrene	12.64	202	2060	0.05	ng	# 79
79) Butylbenzylphthalate	13.26	149	327	0.02	ng	# 41
80) Benzo(a)anthracene	13.83	228	3076	0.10	ng	# 85
81) 3,3'-Dichlorobenzidine	13.80	252	2665	0.14	ng	# 86
82) Chrysene	13.83	228	3076	0.10	ng	# 82
83) Bis(2-ethylhexyl)phthalate	13.83	149	3777	0.18	ng	# 78
84) Di-n-octyl phthalate	14.43	149	1287	0.04	ng	# 75
85) Indeno(1,2,3-cd)pyrene	16.52	276	226	0.01	ng	# 46
87) Benzo(b)fluoranthene	14.87	252	1361	0.05	ng	# 58
88) Benzo(k)fluoranthene	14.87	252	1361	0.06	ng	# 59
89) Benzo(a)pyrene	15.21	252	1318	0.05	ng	# 71
90) Dibenzo(a,h)anthracene	16.52	278	215	0.01	ng	# 53
91) Benzo(g,h,i)perylene	16.90	276	898	0.04	ng	# 48

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.69 min Scan# 403

Delta R.T. -0.00 min

Lab File: BF086831.D

Acq: 9 May 2016 20:10

Instrument :

BNA_F

ClientSampleId :

HSR-WC-42-050416

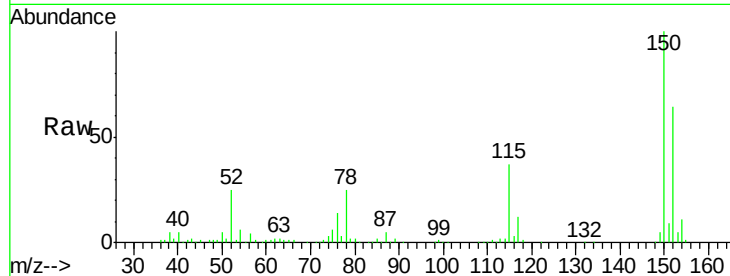
Tgt Ion:152 Resp: 145310

Ion Ratio Lower Upper

152 100

150 156.8 125.8 188.6

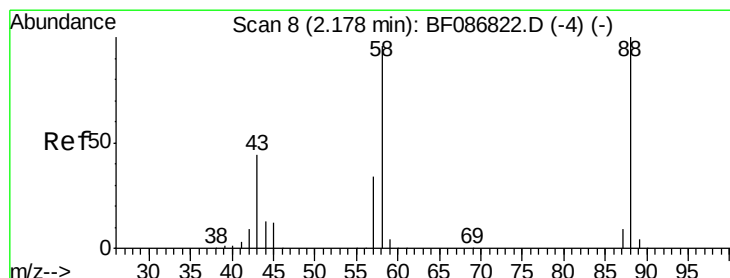
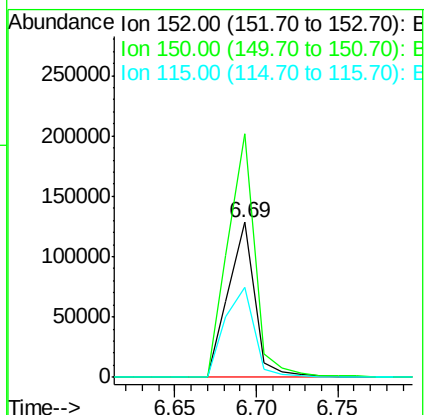
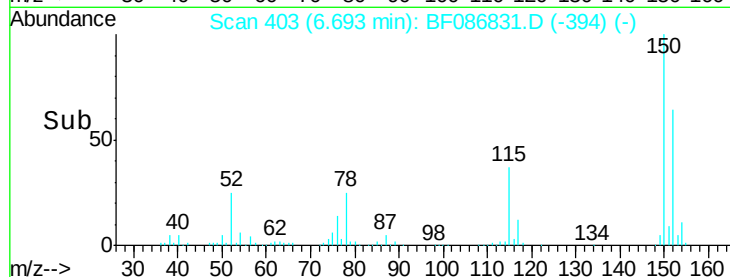
115 58.2 51.5 77.3



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: 0.05 ng

RT: 2.42 min Scan# 29

Delta R.T. 0.24 min

Lab File: BF086831.D

Acq: 9 May 2016 20:10

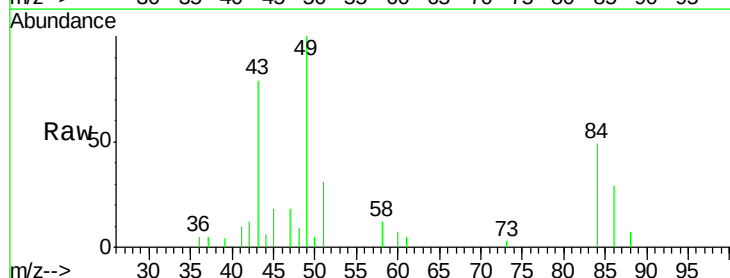
Tgt Ion: 88 Resp: 208

Ion Ratio Lower Upper

88 100

58 0.0 59.6 89.4#

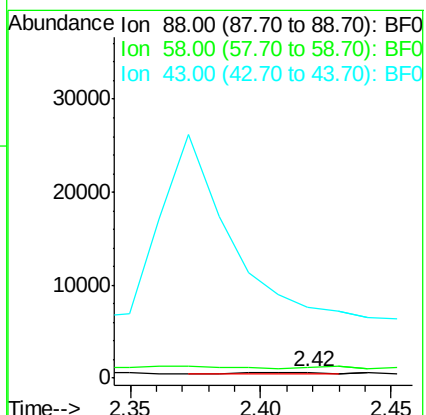
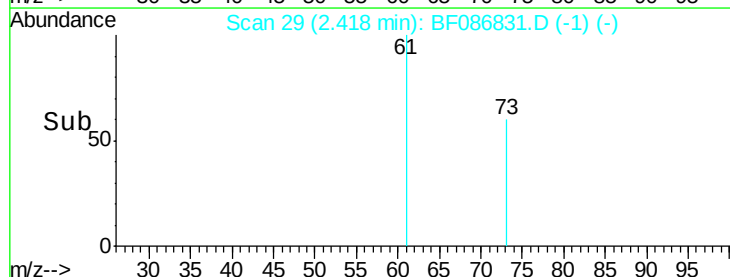
43 0.0 21.8 32.6#

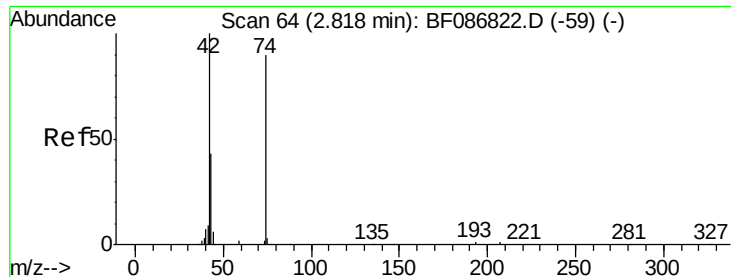


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#4

n-Nitrosodimethylamine

Concen: 0.03 ng

RT: 2.82 min Scan# 64

Delta R.T. -0.00 min

Lab File: BF086831.D

Acq: 9 May 2016 20:10

Instrument :

BNA_F

ClientSampleId :

HSR-WC-42-050416

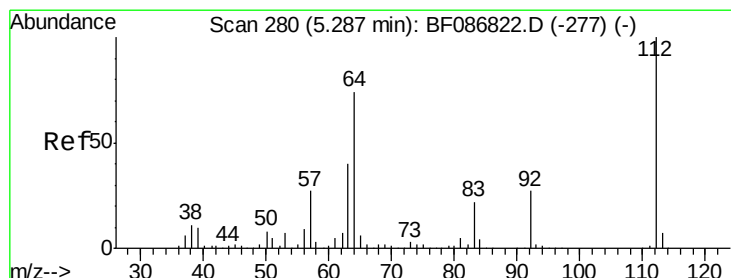
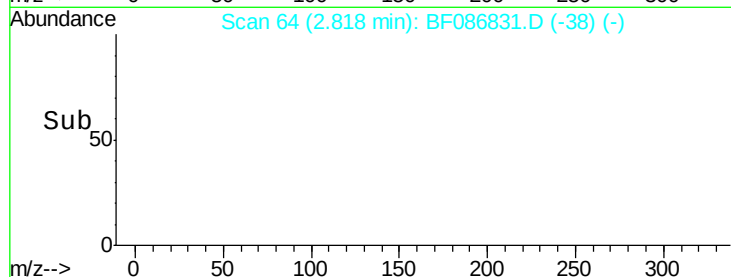
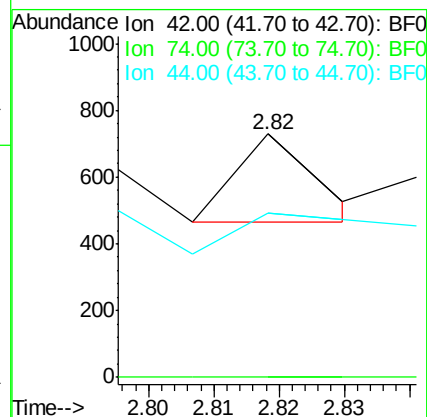
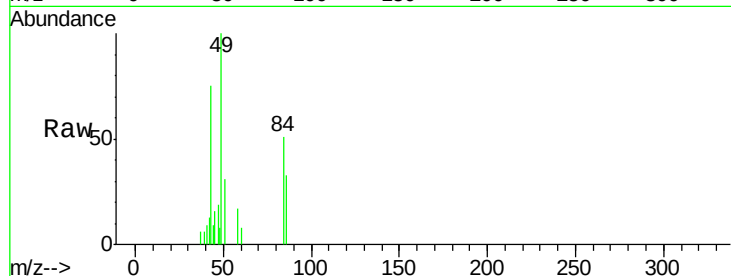
Tgt Ion: 42 Resp: 222

Ion Ratio Lower Upper

42 100

74 0.0 123.4 185.0#

44 67.6 5.8 8.6#



#5

2-Fluorophenol

Concen: 85.89 ng

RT: 5.30 min Scan# 281

Delta R.T. 0.01 min

Lab File: BF086831.D

Acq: 9 May 2016 20:10

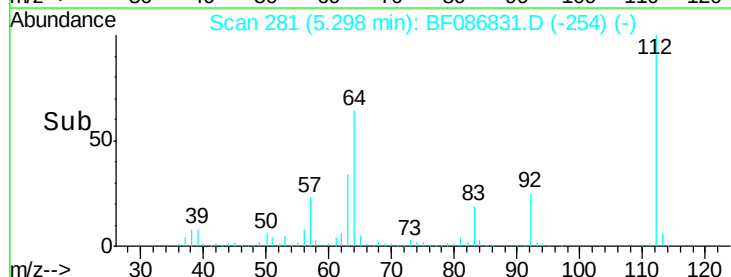
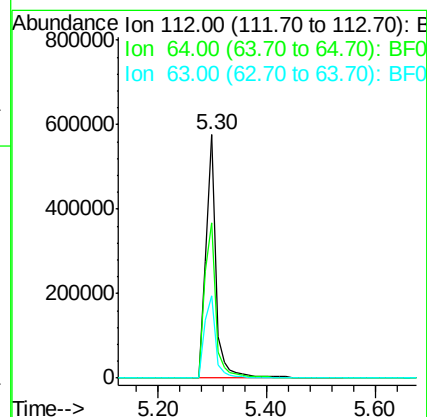
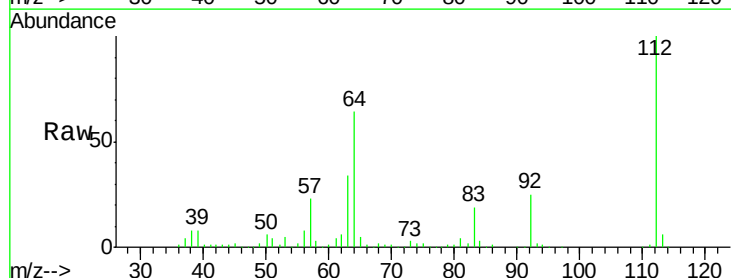
Tgt Ion: 112 Resp: 736952

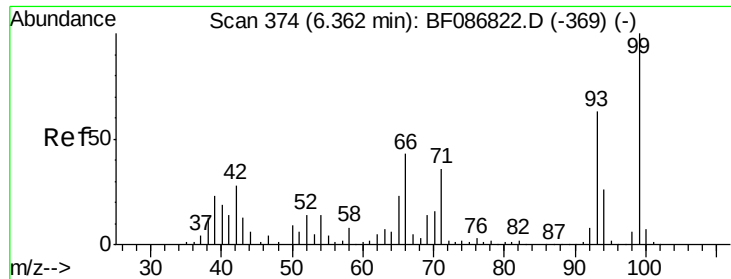
Ion Ratio Lower Upper

112 100

64 63.6 52.1 78.1

63 33.9 25.7 38.5





#6

Aniline

Concen: 0.51 ng

RT: 6.38 min Scan# 376

Delta R.T. 0.02 min

Lab File: BF086831.D

Acq: 9 May 2016 20:10

Instrument :

BNA_F

ClientSampleId :

HSR-WC-42-050416

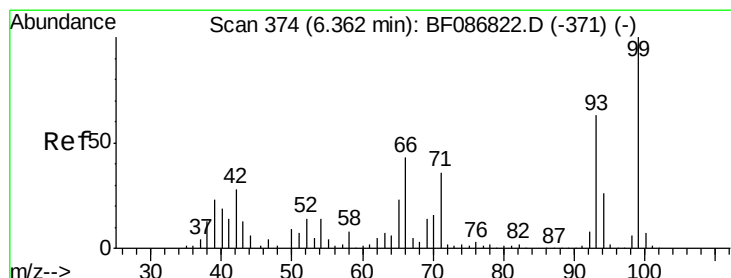
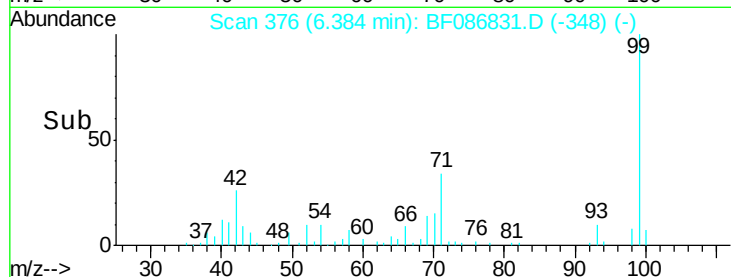
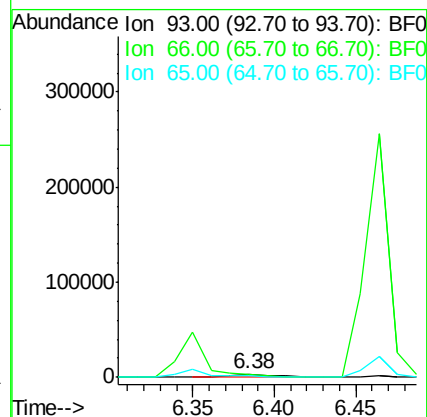
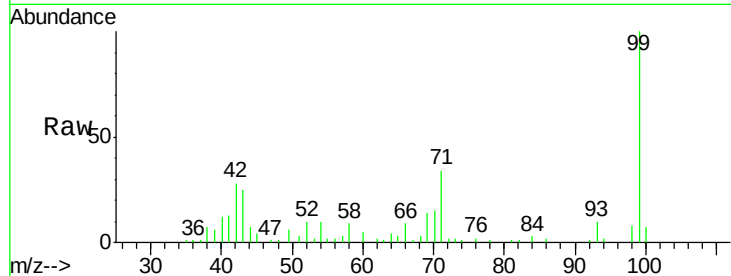
Tgt Ion: 93 Resp: 7017

Ion Ratio Lower Upper

93 100

66 90.3 39.0 58.6#

65 35.1 20.6 31.0#



#7

Phenol-d6

Concen: 85.82 ng

RT: 6.35 min Scan# 373

Delta R.T. -0.01 min

Lab File: BF086831.D

Acq: 9 May 2016 20:10

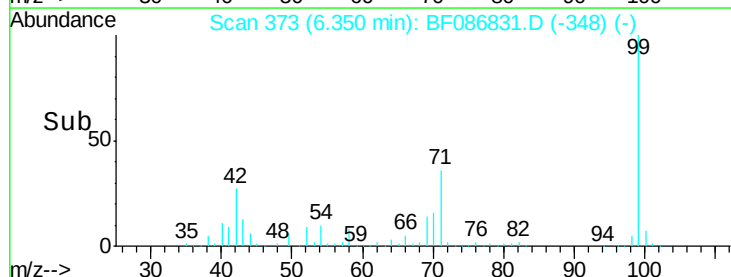
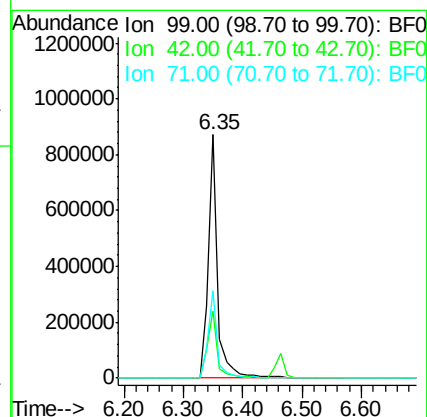
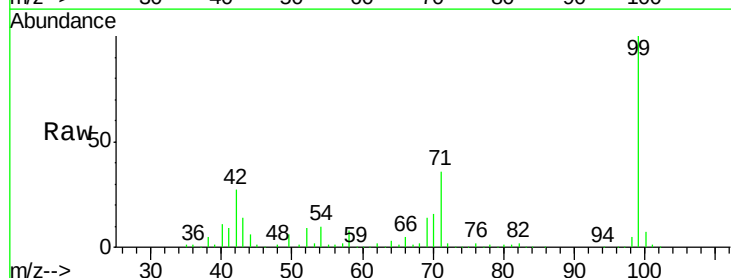
Tgt Ion: 99 Resp: 984170

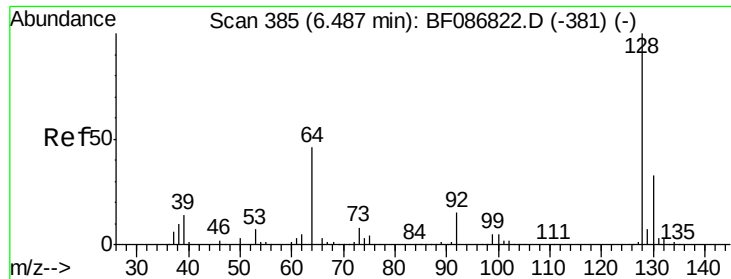
Ion Ratio Lower Upper

99 100

42 27.3 13.6 20.4#

71 36.1 24.6 36.8





#8

2-Chlorophenol

Concen: 0.05 ng

RT: 6.48 min Scan# 384

Delta R.T. -0.01 min

Lab File: BF086831.D

Acq: 9 May 2016 20:10

Instrument :

BNA_F

ClientSampleId :

HSR-WC-42-050416

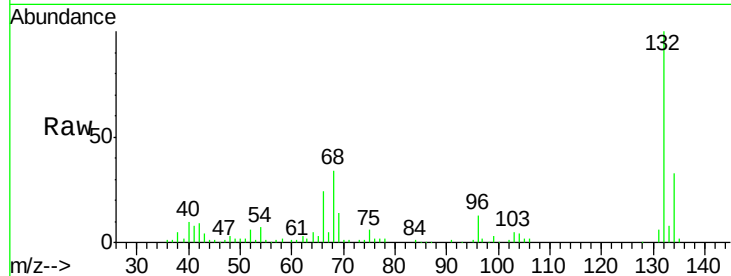
Tgt Ion: 128 Resp: 501

Ion Ratio Lower Upper

128 100

130 0.0 12.5 52.5#

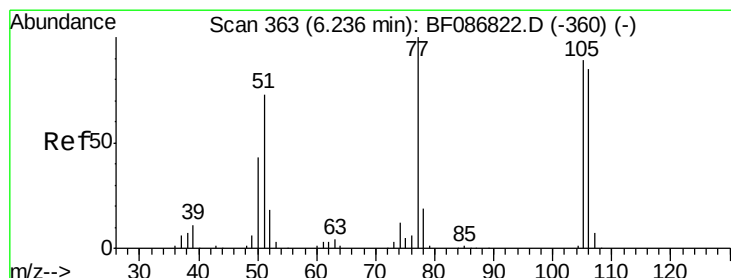
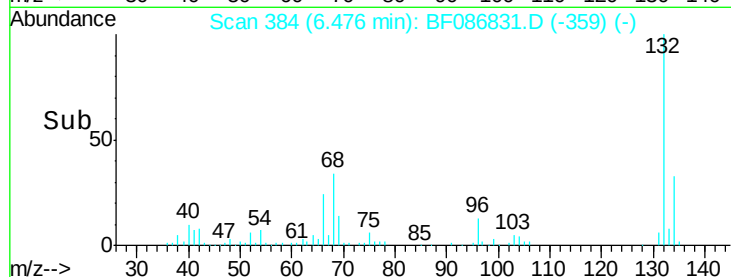
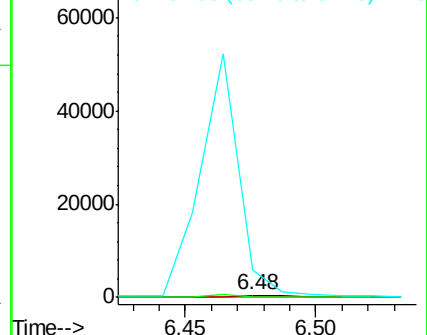
64 1397.4 27.3 67.3#



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



#9

Benzaldehyde

Concen: 0.11 ng

RT: 6.28 min Scan# 367

Delta R.T. 0.05 min

Lab File: BF086831.D

Acq: 9 May 2016 20:10

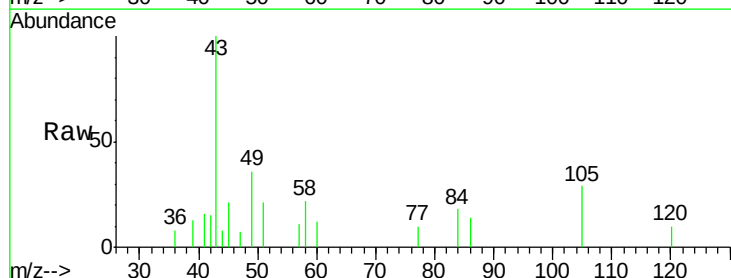
Tgt Ion: 77 Resp: 747

Ion Ratio Lower Upper

77 100

105 282.8 72.7 112.7#

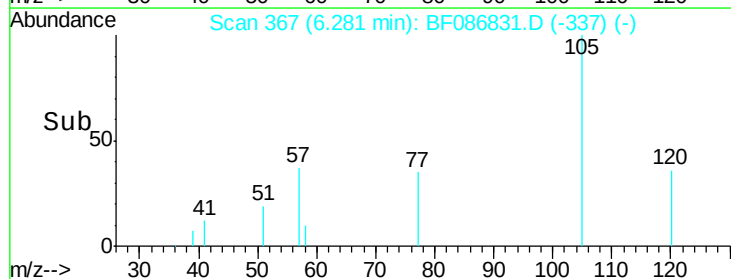
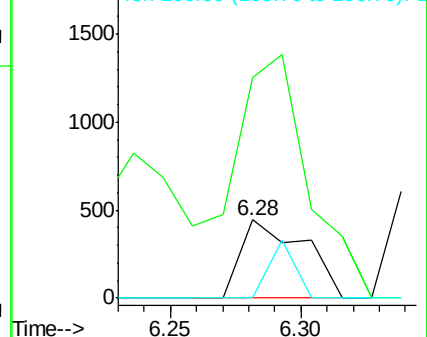
106 0.0 70.8 110.8#

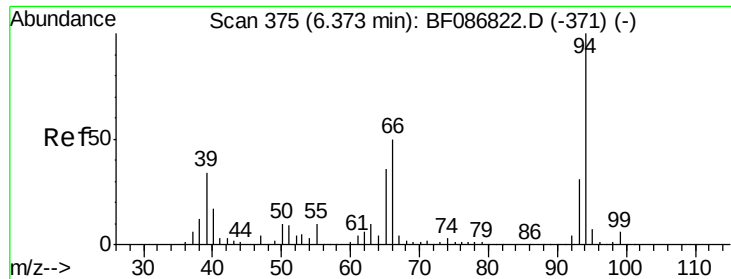


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

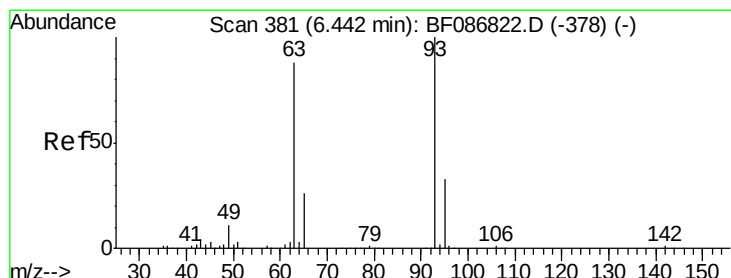
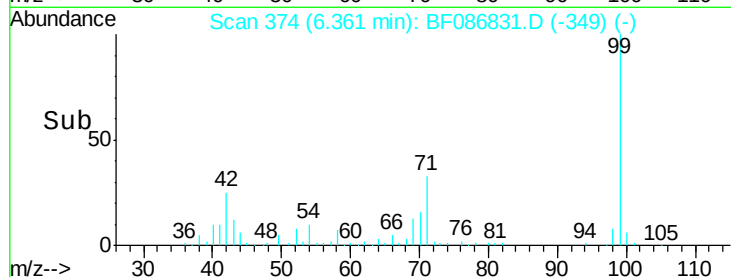
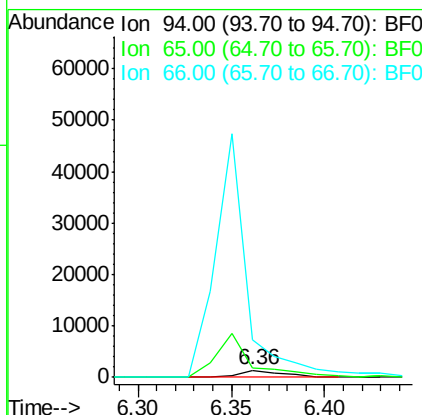
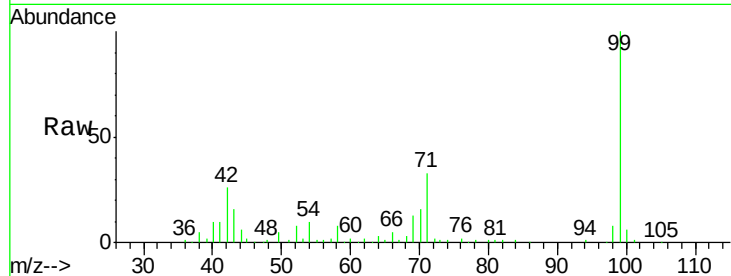




#10
Phenol
Concen: 0.15 ng
RT: 6.36 min Scan# 374
Delta R.T. -0.01 min
Lab File: BF086831.D
Acq: 9 May 2016 20:10

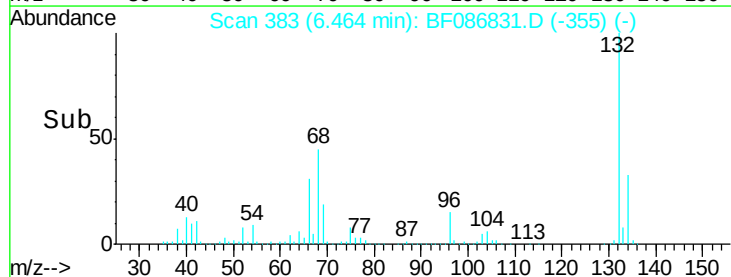
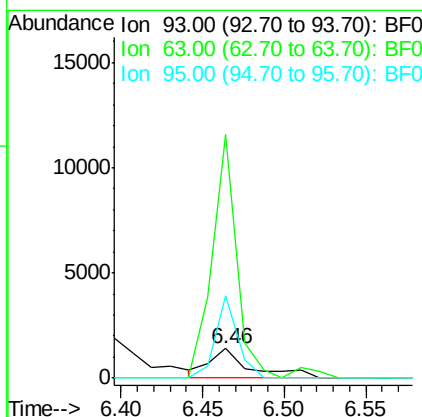
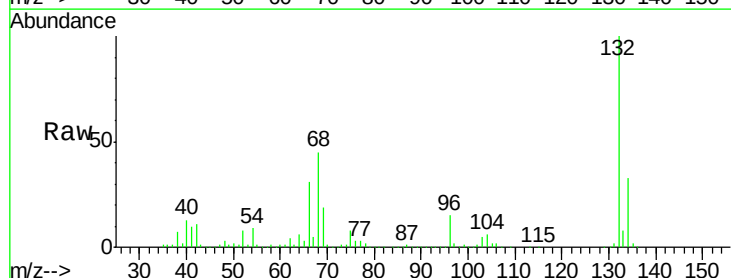
Instrument :
BNA_F
ClientSampleId :
HSR-WC-42-050416

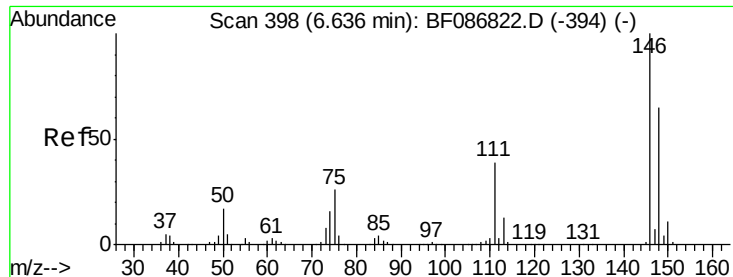
Tgt Ion: 94 Resp: 2087
Ion Ratio Lower Upper
94 100
65 136.6 7.2 47.2#
66 546.3 14.9 54.9#



#11
bis(2-Chloroethyl)ether
Concen: 0.23 ng
RT: 6.46 min Scan# 383
Delta R.T. 0.02 min
Lab File: BF086831.D
Acq: 9 May 2016 20:10

Tgt Ion: 93 Resp: 2476
Ion Ratio Lower Upper
93 100
63 817.6 58.0 98.0#
95 275.8 11.9 51.9#





#12

1,3-Dichlorobenzene

Concen: 0.06 ng

RT: 6.70 min Scan# 404

Delta R.T. 0.07 min

Lab File: BF086831.D

Acq: 9 May 2016 20:10

Instrument :

BNA_F

ClientSampleId :

HSR-WC-42-050416

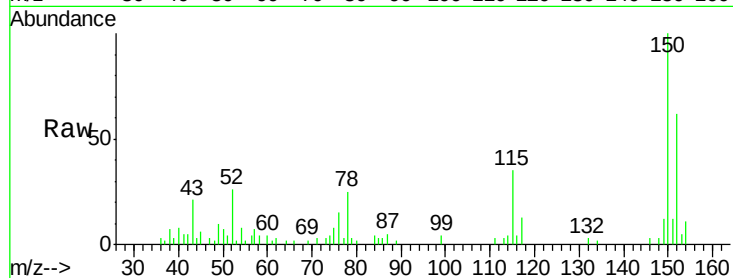
Tgt Ion:146 Resp: 677

Ion Ratio Lower Upper

146 100

148 76.5 52.4 78.6

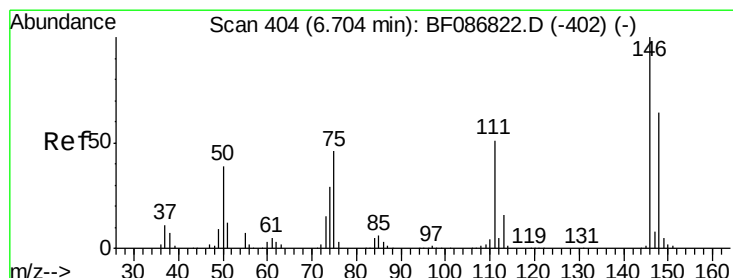
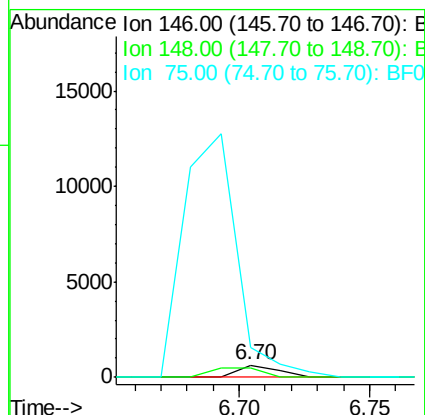
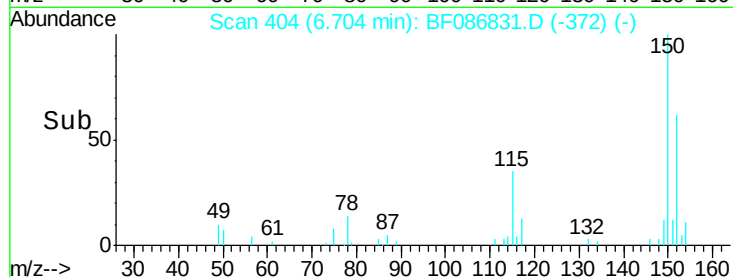
75 244.9 22.8 34.2#



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: 0.06 ng

RT: 6.70 min Scan# 404

Delta R.T. -0.00 min

Lab File: BF086831.D

Acq: 9 May 2016 20:10

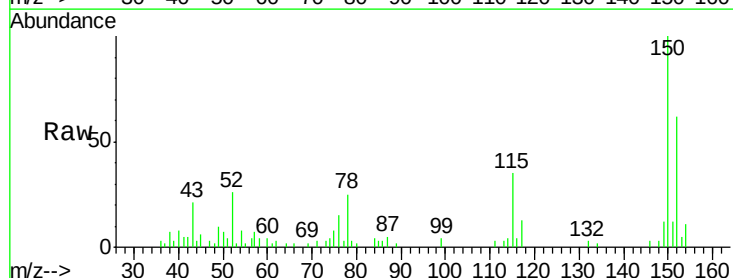
Tgt Ion:146 Resp: 677

Ion Ratio Lower Upper

146 100

148 76.5 52.2 78.4

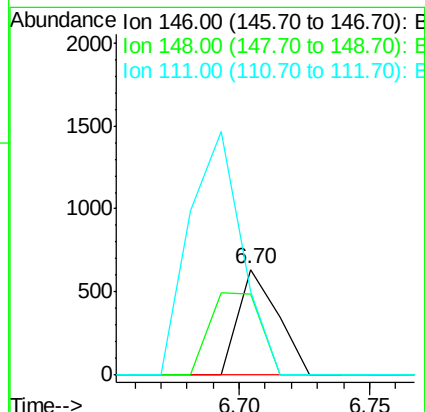
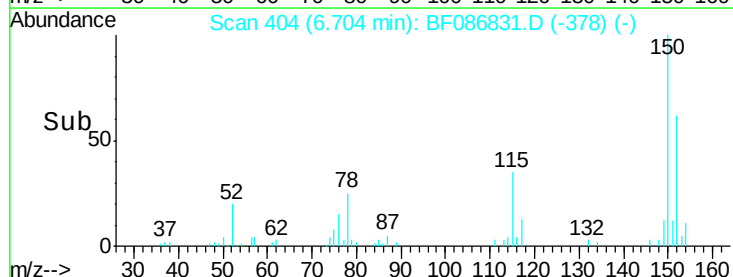
111 79.7 30.7 46.1#

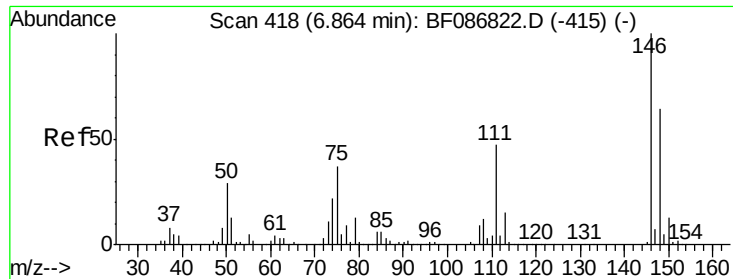


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

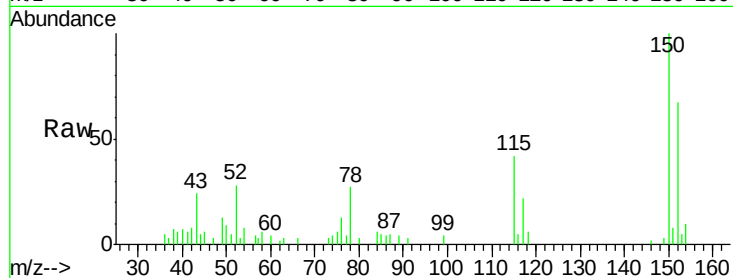




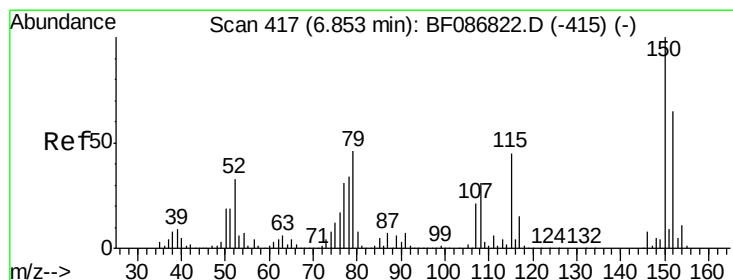
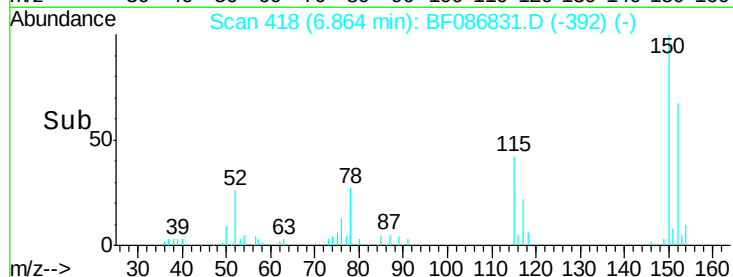
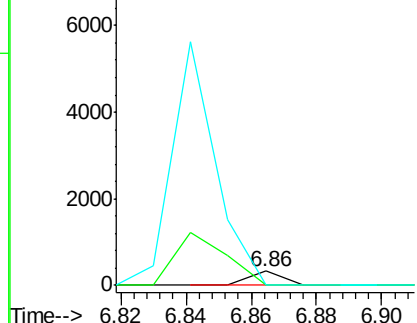
#14
1,2-Dichlorobenzene
Concen: 0.02 ng
RT: 6.86 min Scan# 418
Delta R.T. -0.00 min
Lab File: BF086831.D
Acq: 9 May 2016 20:10

Instrument :
BNA_F
ClientSampleId :
HSR-WC-42-050416

Tgt Ion:146 Resp: 220
Ion Ratio Lower Upper
146 100
148 0.0 51.0 76.6#
111 0.0 36.2 54.4#

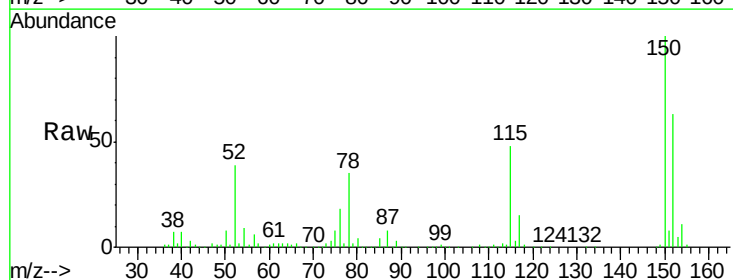


Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E

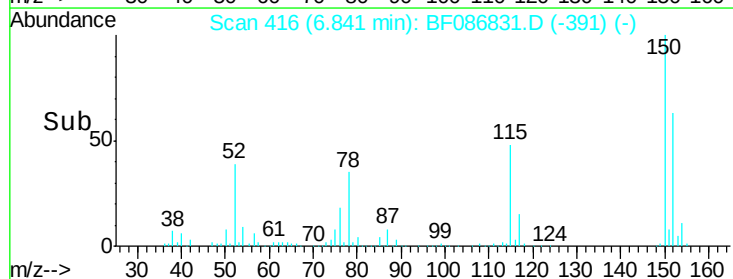
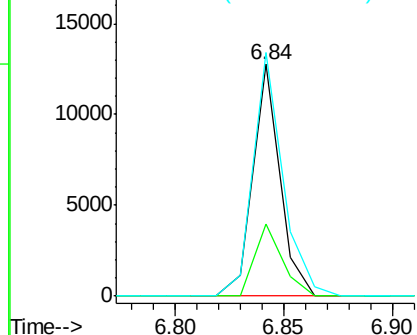


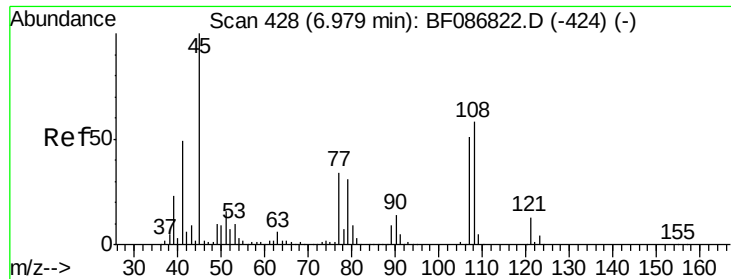
#15
Benzyl Alcohol
Concen: 1.39 ng
RT: 6.84 min Scan# 416
Delta R.T. -0.01 min
Lab File: BF086831.D
Acq: 9 May 2016 20:10

Tgt Ion: 79 Resp: 11036
Ion Ratio Lower Upper
79 100
108 31.3 68.4 102.6#
77 105.0 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

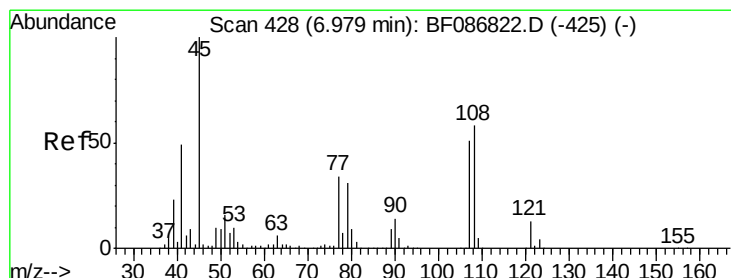
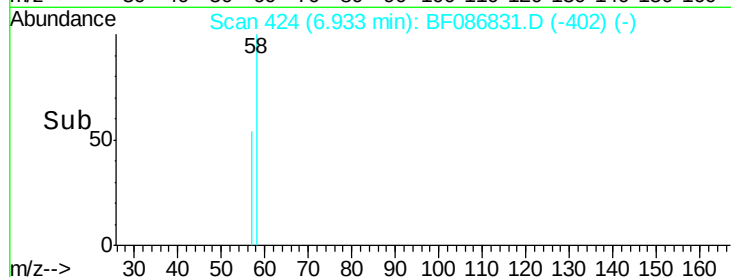
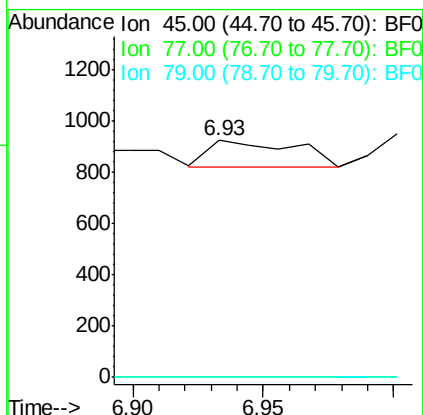
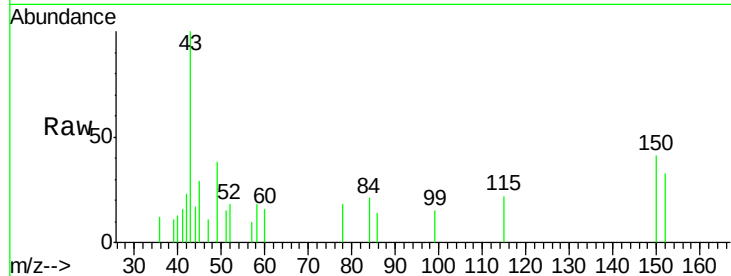




#16
 2,2'-oxybis(1-chloropropane)
 Concen: 0.01 ng
 RT: 6.93 min Scan# 424
 Delta R.T. -0.05 min
 Lab File: BF086831.D
 Acq: 9 May 2016 20:10

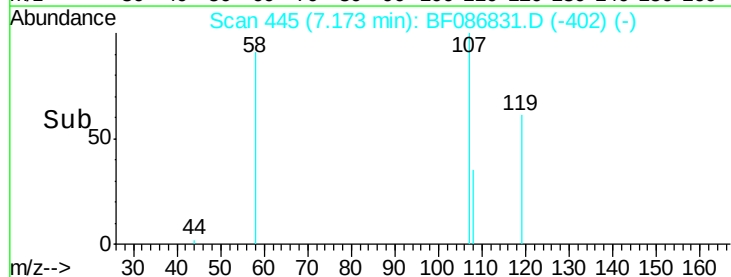
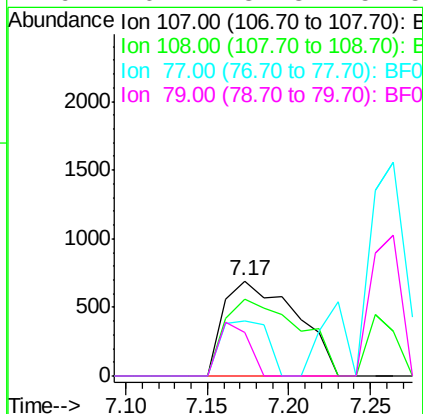
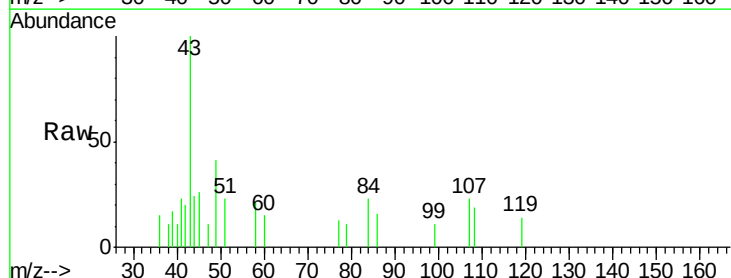
Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-42-050416

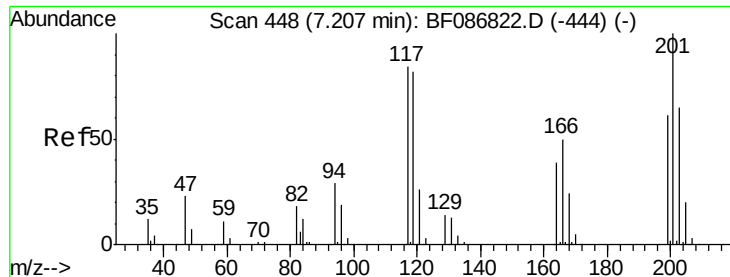
Tgt Ion: 45 Resp: 236
 Ion Ratio Lower Upper
 45 100
 77 0.0 0.0 36.4
 79 0.0 0.0 33.4



#17
 2-Methylphenol
 Concen: 0.26 ng
 RT: 7.17 min Scan# 445
 Delta R.T. 0.19 min
 Lab File: BF086831.D
 Acq: 9 May 2016 20:10

Tgt Ion: 107 Resp: 2145
 Ion Ratio Lower Upper
 107 100
 108 81.5 93.7 140.5#
 77 57.7 33.4 50.0#
 79 46.2 34.3 51.5

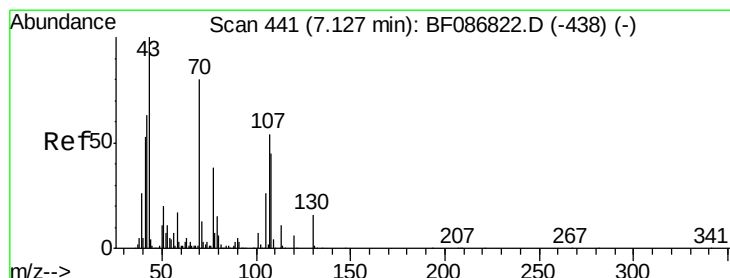
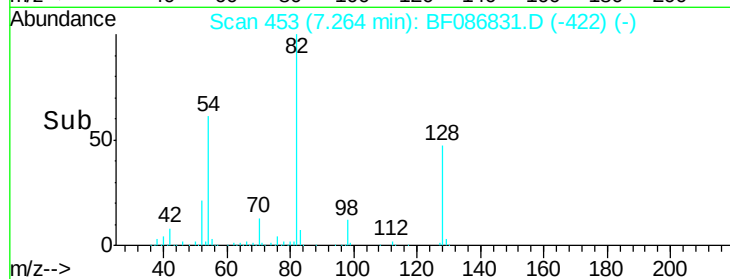
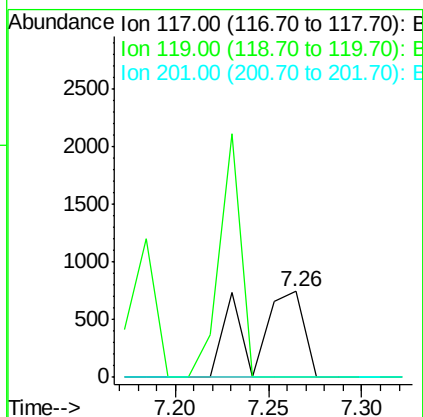
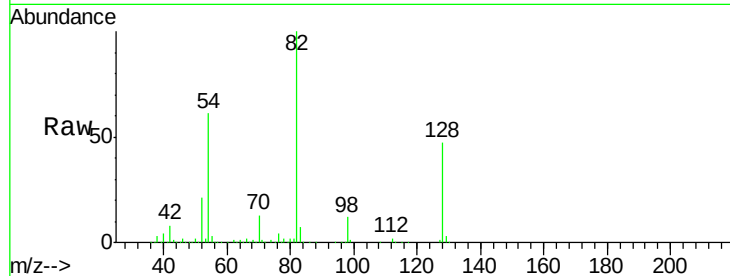




#18
Hexachloroethane
Concen: 0.34 ng
RT: 7.26 min Scan# 453
Delta R.T. 0.06 min
Lab File: BF086831.D
Acq: 9 May 2016 20:10

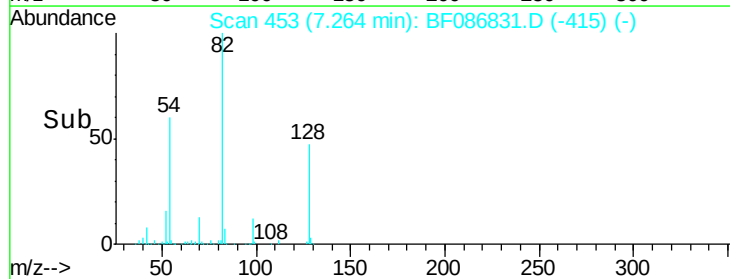
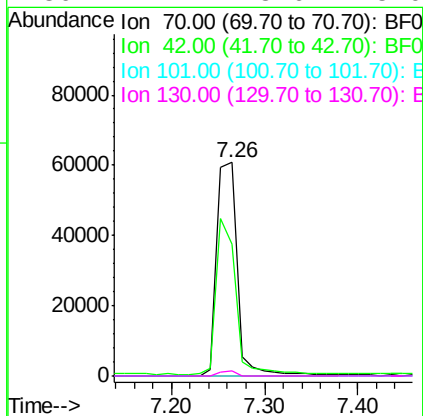
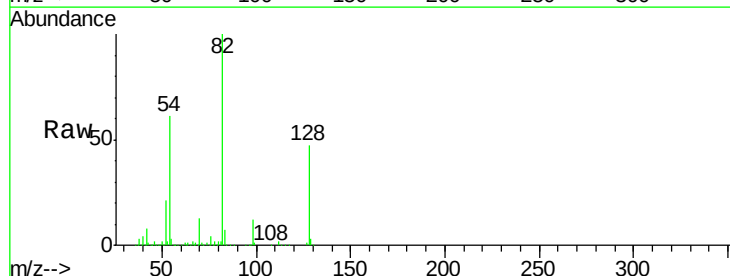
Instrument :
BNA_F
ClientSampleId :
HSR-WC-42-050416

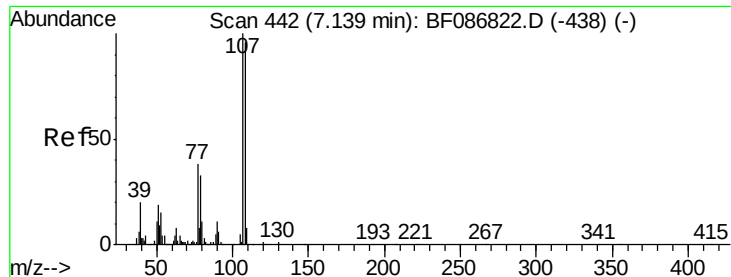
Tgt Ion: 117 Resp: 1465
Ion Ratio Lower Upper
117 100
119 0.0 76.5 114.7#
201 0.0 63.0 94.6#



#19
n-Nitroso-di-n-propylamine
Concen: 11.68 ng
RT: 7.26 min Scan# 453
Delta R.T. 0.14 min
Lab File: BF086831.D
Acq: 9 May 2016 20:10

Tgt Ion: 70 Resp: 93644
Ion Ratio Lower Upper
70 100
42 61.7 43.1 64.7
101 0.0 8.1 12.1#
130 2.1 18.6 28.0#

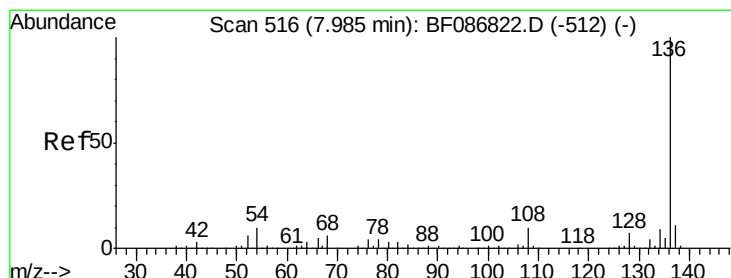
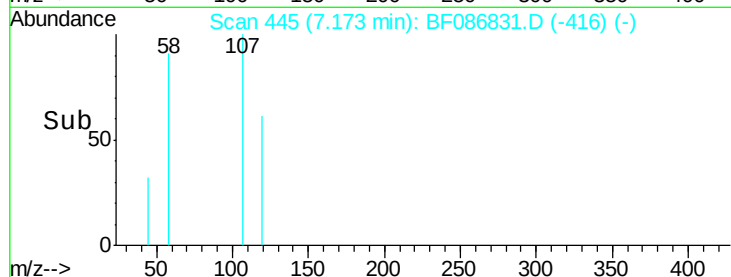
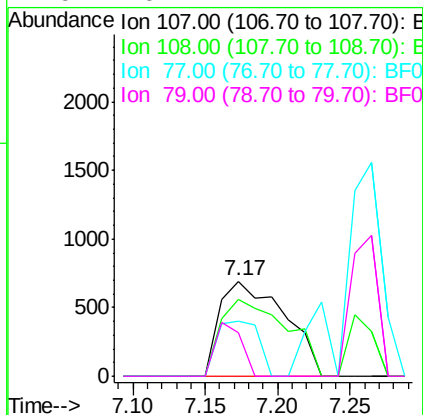
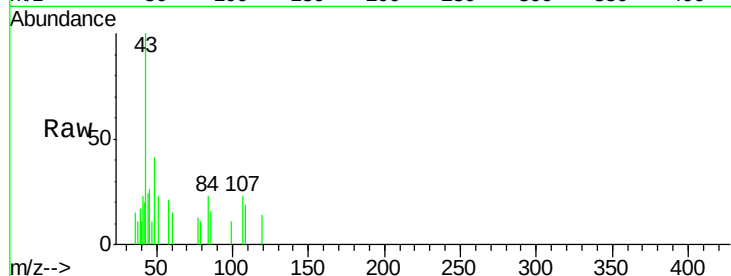




#20
3+4-Methylphenols
Concen: 0.20 ng
RT: 7.17 min Scan# 445
Delta R.T. 0.03 min
Lab File: BF086831.D
Acq: 9 May 2016 20:10

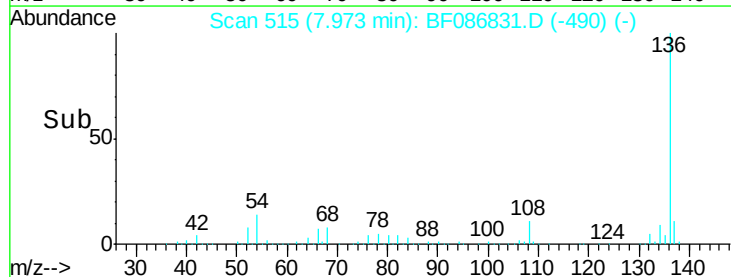
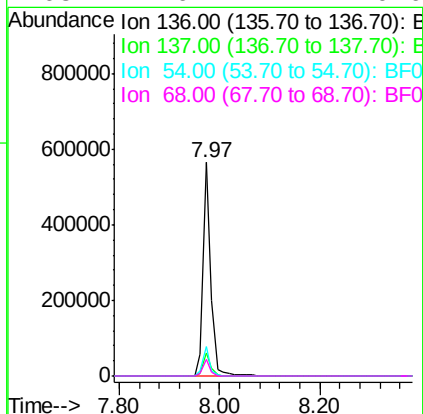
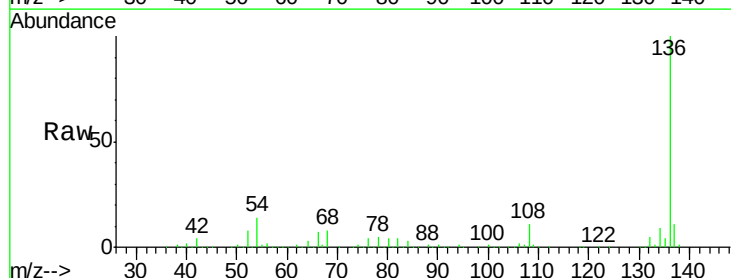
Instrument :
BNA_F
ClientSampleId :
HSR-WC-42-050416

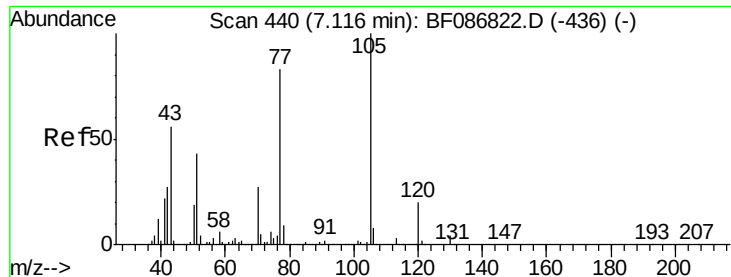
Tgt Ion:107 Resp: 2145
Ion Ratio Lower Upper
107 100
108 81.5 68.5 108.5
77 57.7 101.6 141.6#
79 46.2 7.4 47.4



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.97 min Scan# 515
Delta R.T. -0.01 min
Lab File: BF086831.D
Acq: 9 May 2016 20:10

Tgt Ion:136 Resp: 603915
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 14.1 5.0 7.4#
68 7.6 4.4 6.6#





#22

Acetophenone

Concen: 0.02 ng

RT: 7.09 min Scan# 438

Delta R.T. -0.02 min

Lab File: BF086831.D

Acq: 9 May 2016 20:10

Instrument :

BNA_F

ClientSampleId :

HSR-WC-42-050416

Tgt Ion: 105 Resp: 339

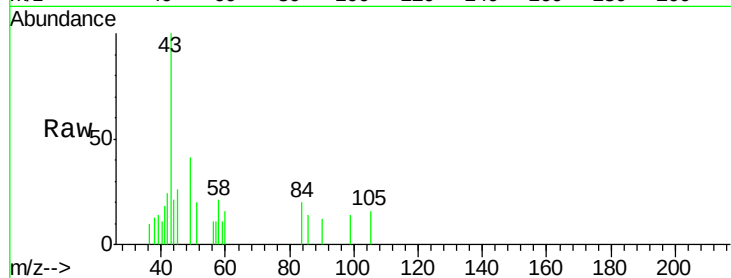
Ion Ratio Lower Upper

105 100

71 0.0 4.8 7.2#

51 126.7 32.6 49.0#

120 0.0 16.5 24.7#



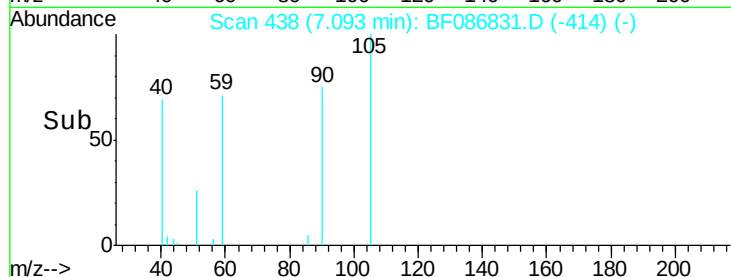
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

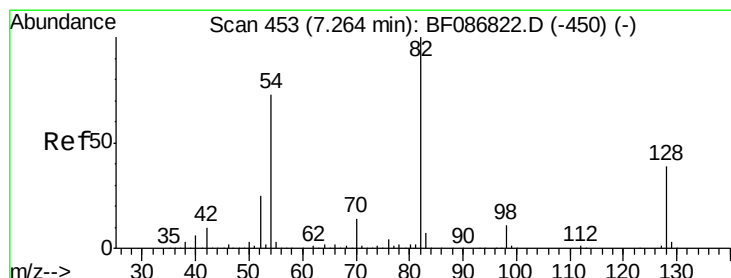
Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

Time-->



Time-->



#23

Nitrobenzene-d5

Concen: 57.33 ng

RT: 7.26 min Scan# 453

Delta R.T. -0.00 min

Lab File: BF086831.D

Acq: 9 May 2016 20:10

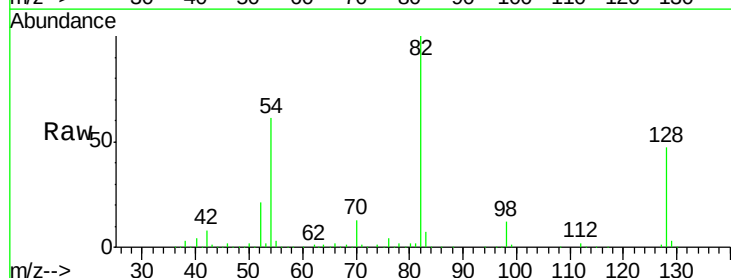
Tgt Ion: 82 Resp: 689548

Ion Ratio Lower Upper

82 100

128 47.4 40.6 61.0

54 60.7 38.1 57.1#

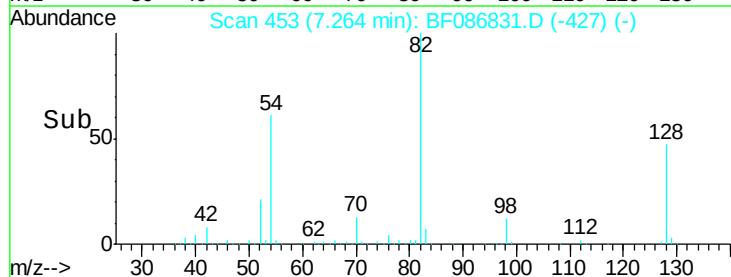


Abundance Ion 82.00 (81.70 to 82.70): BF0

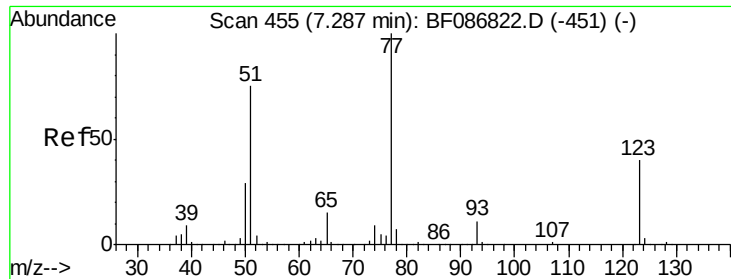
Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

Time-->



Time-->



#24

Nitrobenzene

Concen: 0.23 ng

RT: 7.26 min Scan# 453

Delta R.T. -0.02 min

Lab File: BF086831.D

Acq: 9 May 2016 20:10

Instrument :

BNA_F

ClientSampleId :

HSR-WC-42-050416

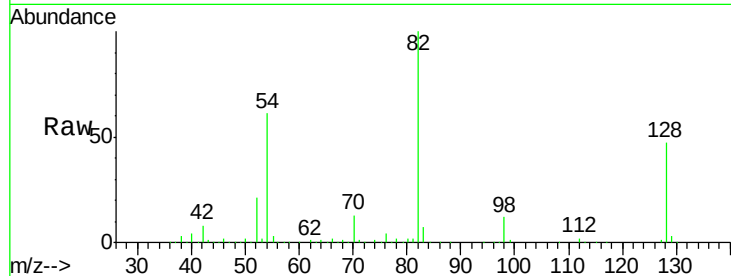
Tgt Ion: 77 Resp: 2884

Ion Ratio Lower Upper

77 100

123 0.0 33.0 49.4#

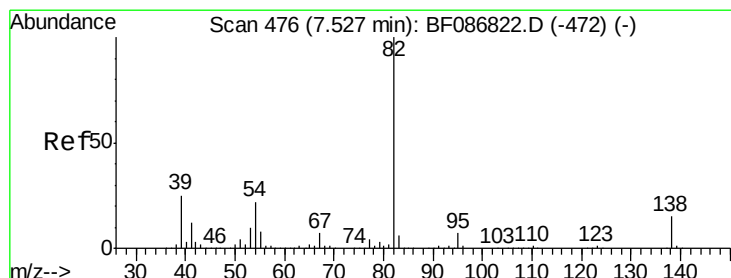
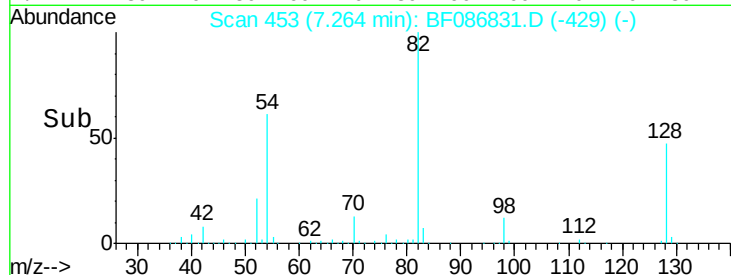
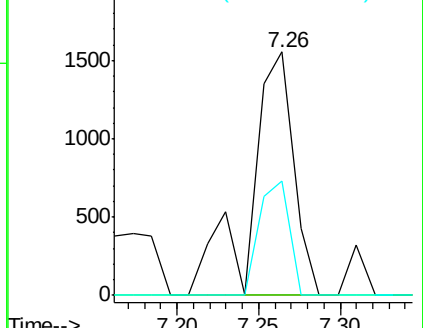
65 47.2 10.8 16.2#



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0



#25

Isophorone

Concen: 29.76 ng

RT: 7.26 min Scan# 453

Delta R.T. -0.26 min

Lab File: BF086831.D

Acq: 9 May 2016 20:10

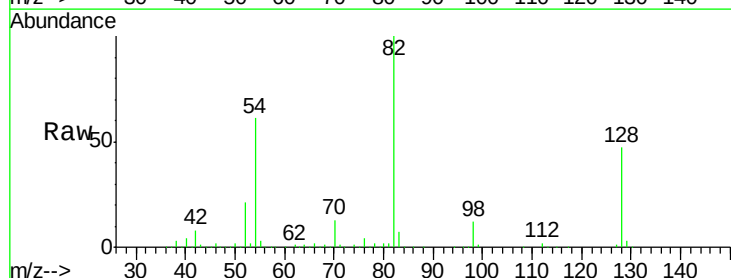
Tgt Ion: 82 Resp: 664182

Ion Ratio Lower Upper

82 100

95 0.0 5.1 7.7#

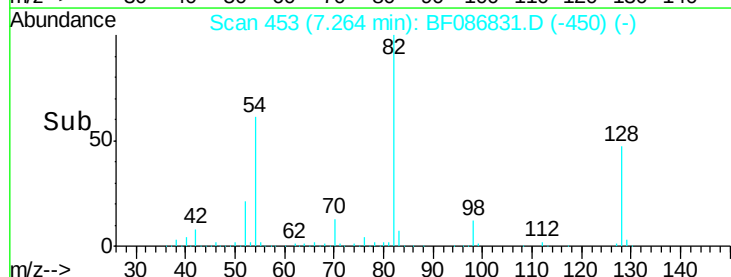
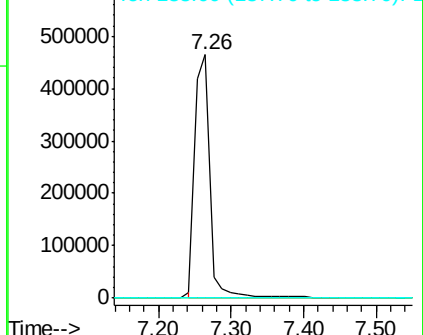
138 0.0 12.4 18.6#

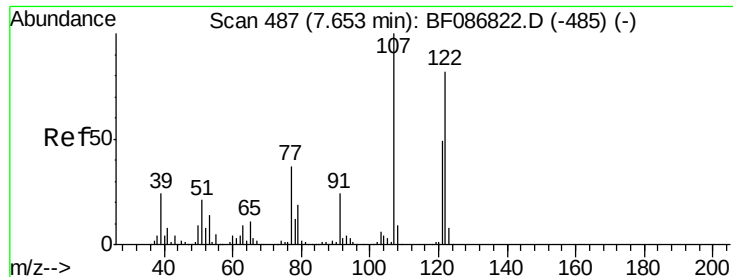


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0





#27

2,4-Dimethylphenol

Concen: 0.72 ng

RT: 7.76 min Scan# 496

Delta R.T. 0.10 min

Lab File: BF086831.D

Acq: 9 May 2016 20:10

Instrument :

BNA_F

ClientSampleId :

HSR-WC-42-050416

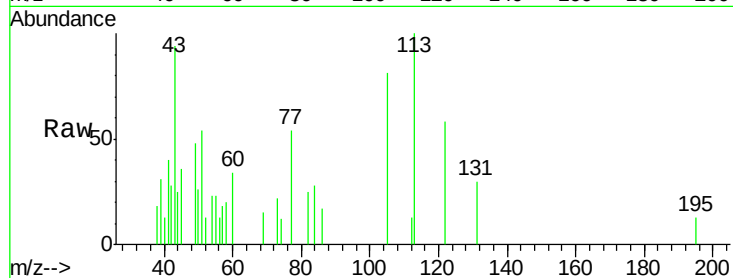
Tgt Ion:122 Resp: 6695

Ion Ratio Lower Upper

122 100

107 0.0 82.0 123.0#

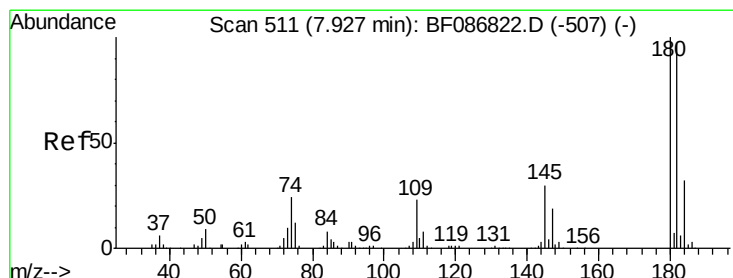
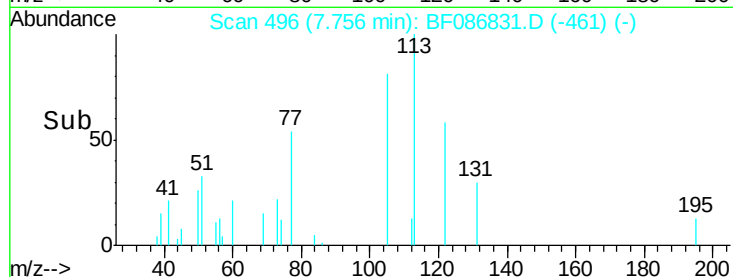
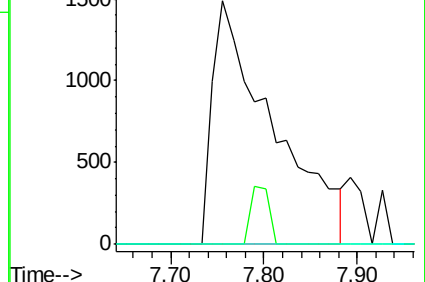
121 0.0 46.1 69.1#



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#30

1,2,4-Trichlorobenzene

Concen: 0.10 ng

RT: 7.92 min Scan# 510

Delta R.T. -0.01 min

Lab File: BF086831.D

Acq: 9 May 2016 20:10

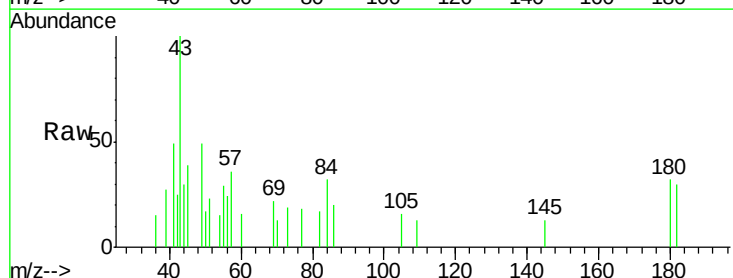
Tgt Ion:180 Resp: 904

Ion Ratio Lower Upper

180 100

182 95.5 78.0 117.0

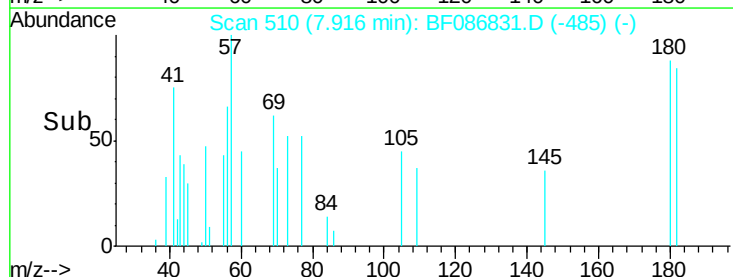
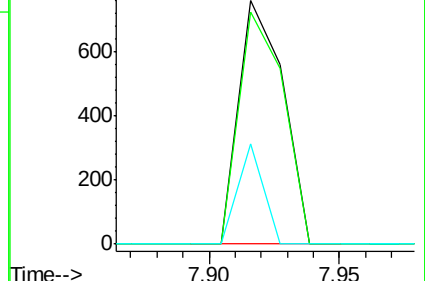
145 41.1 24.2 36.2#

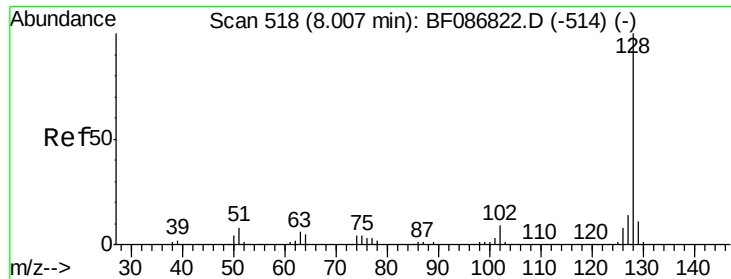


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

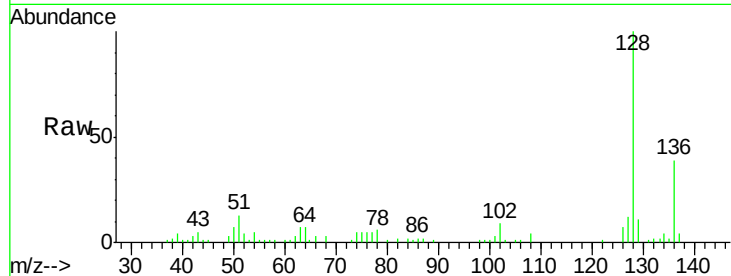




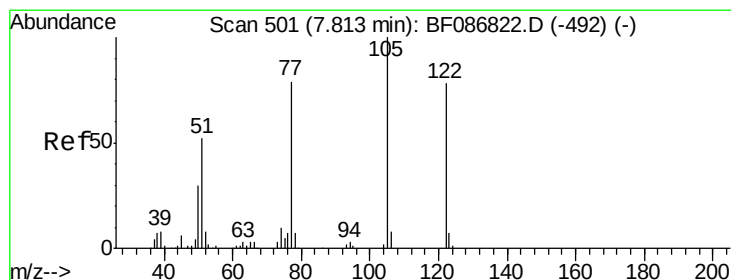
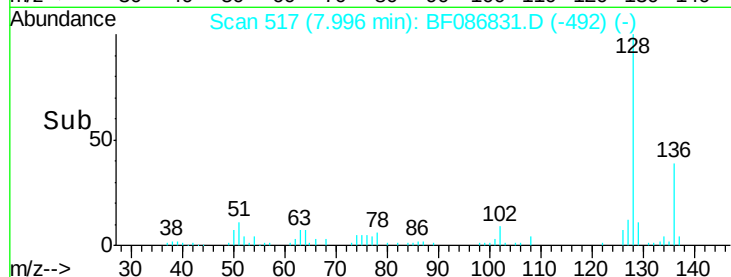
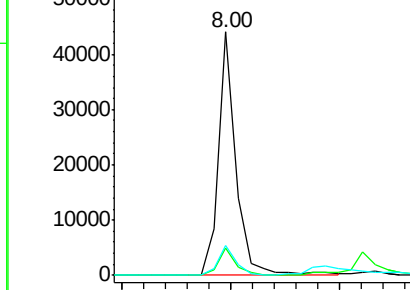
#31
Naphthalene
Concen: 1.64 ng
RT: 8.00 min Scan# 517
Delta R.T. -0.01 min
Lab File: BF086831.D
Acq: 9 May 2016 20:10

Instrument :
BNA_F
ClientSampleId :
HSR-WC-42-050416

Tgt Ion:128 Resp: 49757
Ion Ratio Lower Upper
128 100
129 11.3 8.6 13.0
127 12.4 10.8 16.2

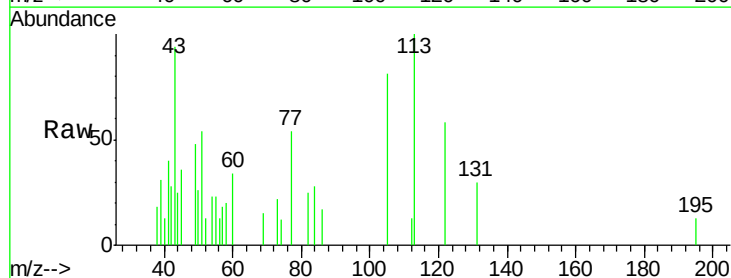


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

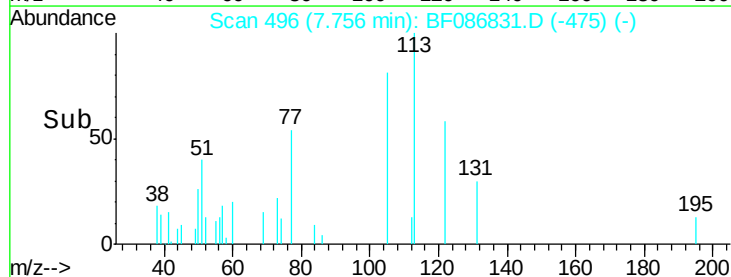
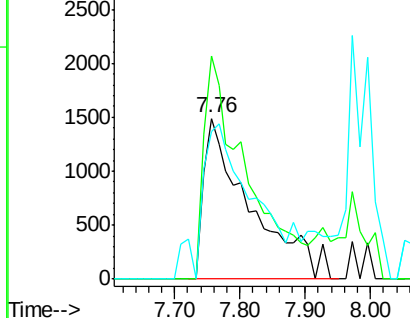


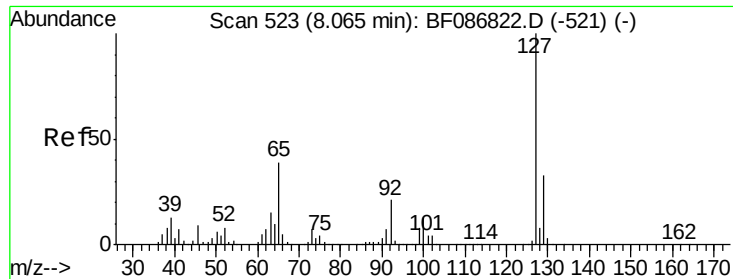
#32
Benzoic acid
Concen: 1.36 ng
RT: 7.76 min Scan# 496
Delta R.T. -0.06 min
Lab File: BF086831.D
Acq: 9 May 2016 20:10

Tgt Ion:122 Resp: 7422
Ion Ratio Lower Upper
122 100
105 139.2 92.6 132.6#
77 92.1 60.0 100.0



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF0

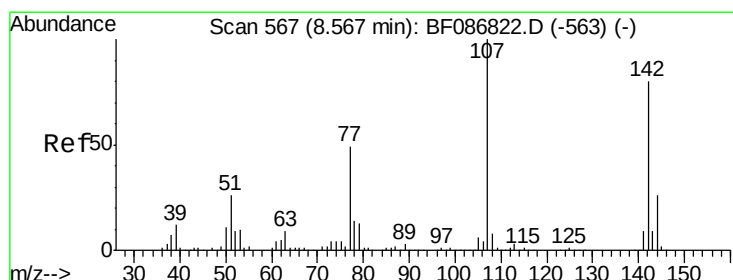
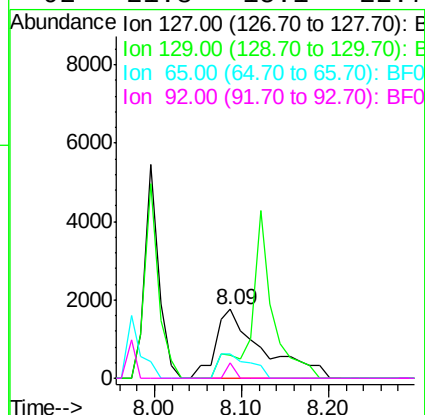
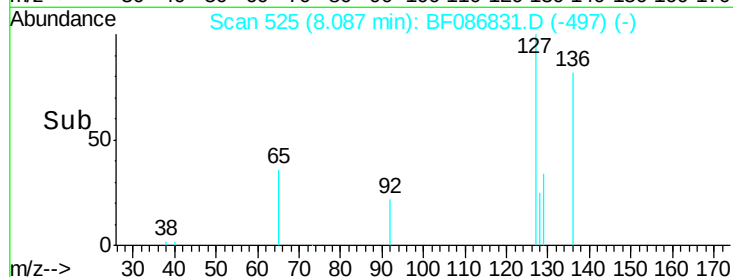
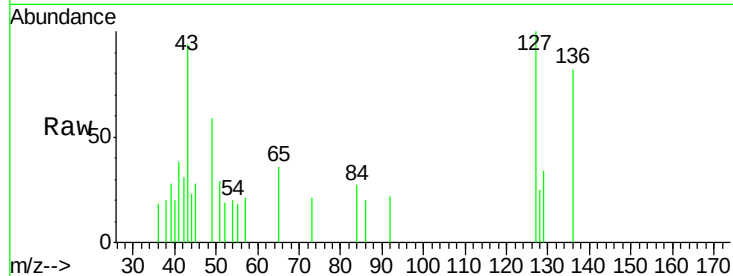




#33
4-Chloroaniline
Concen: 0.56 ng
RT: 8.09 min Scan# 525
Delta R.T. 0.02 min
Lab File: BF086831.D
Acq: 9 May 2016 20:10

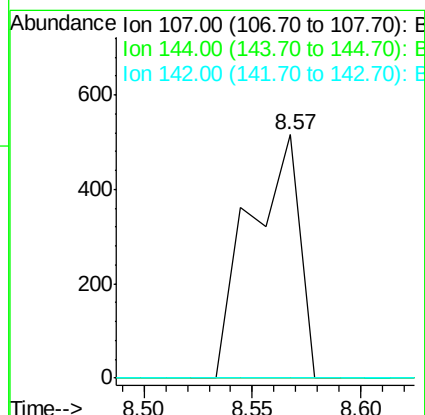
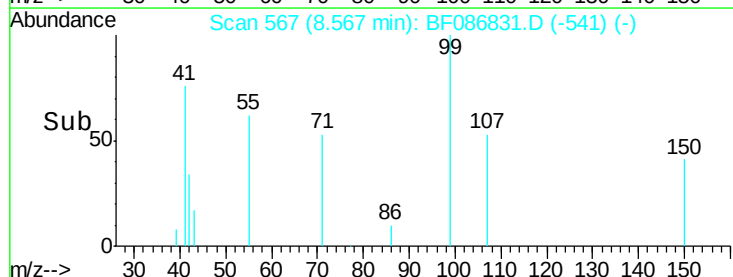
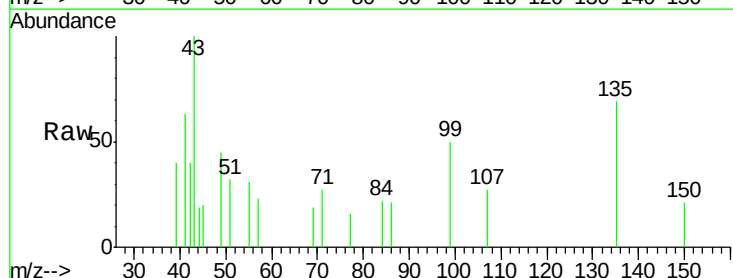
Instrument :
BNA_F
ClientSampleId :
HSR-WC-42-050416

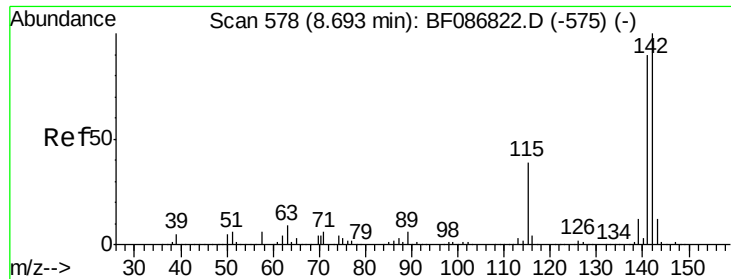
Tgt Ion:	127	Resp:	6546
Ion	Ratio	Lower	Upper
127	100		
129	33.6	26.2	39.4
65	35.9	23.0	34.4#
92	21.8	15.1	22.7



#36
4-Chloro-3-methylphenol
Concen: 0.08 ng
RT: 8.57 min Scan# 567
Delta R.T. -0.00 min
Lab File: BF086831.D
Acq: 9 May 2016 20:10

Tgt Ion:	107	Resp:	824
Ion	Ratio	Lower	Upper
107	100		
144	0.0	20.7	31.1#
142	0.0	63.2	94.8#

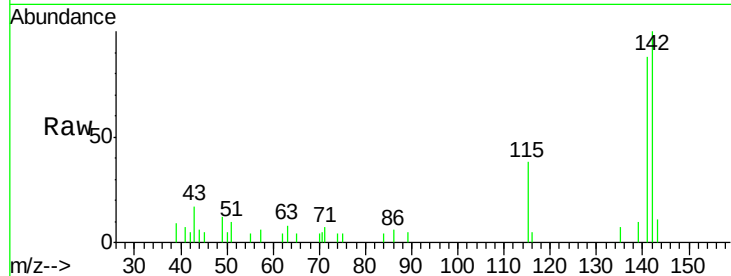




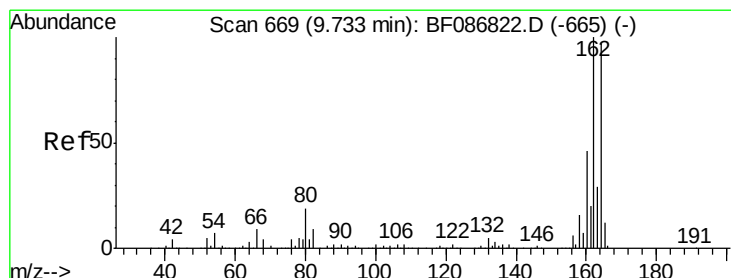
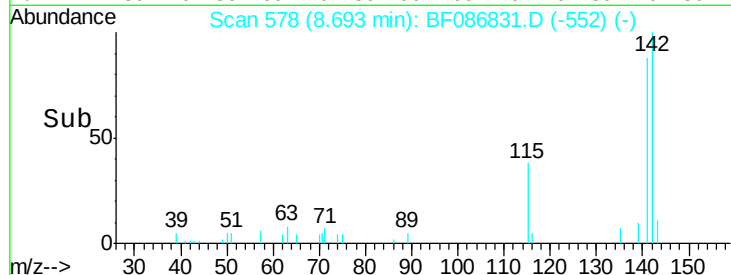
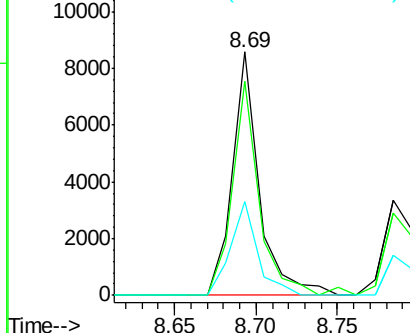
#37
 2-Methylnaphthalene
 Concen: 0.55 ng
 RT: 8.69 min Scan# 578
 Delta R.T. -0.00 min
 Lab File: BF086831.D
 Acq: 9 May 2016 20:10

Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-42-050416

Tgt Ion:142 Resp: 9715
 Ion Ratio Lower Upper
 142 100
 141 87.8 71.0 106.6
 115 38.4 26.6 39.8

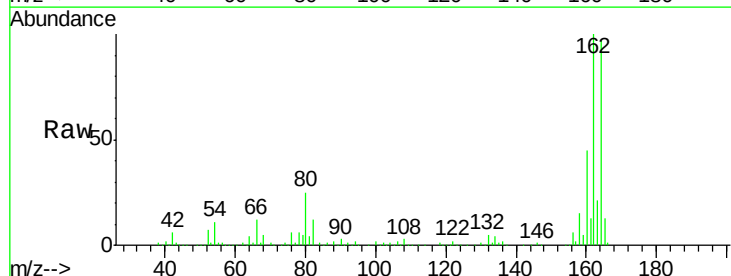


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

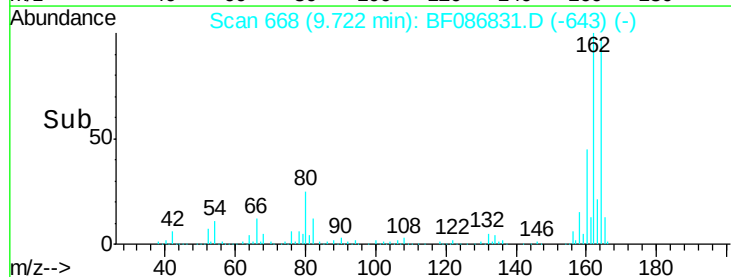
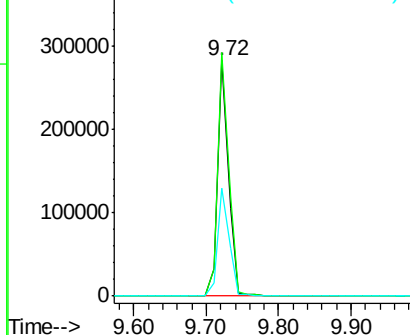


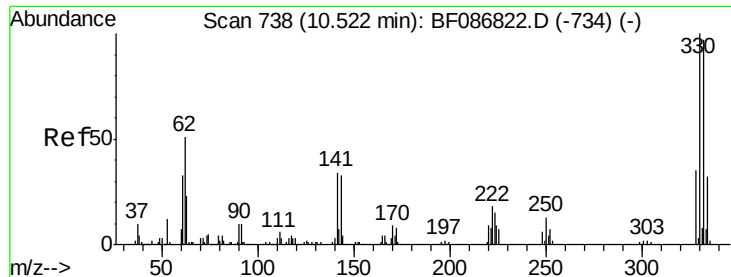
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.72 min Scan# 668
 Delta R.T. -0.01 min
 Lab File: BF086831.D
 Acq: 9 May 2016 20:10

Tgt Ion:164 Resp: 296618
 Ion Ratio Lower Upper
 164 100
 162 103.3 82.8 124.2
 160 46.0 36.9 55.3



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

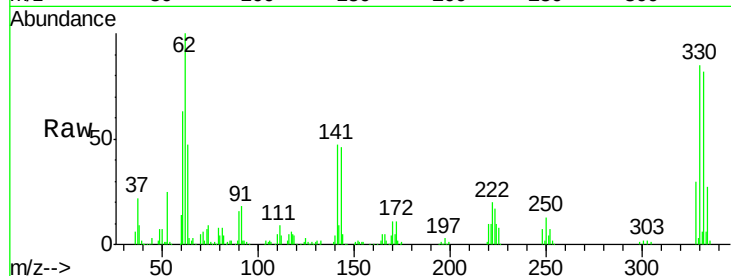




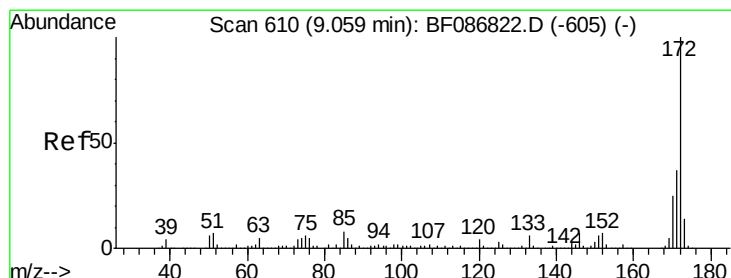
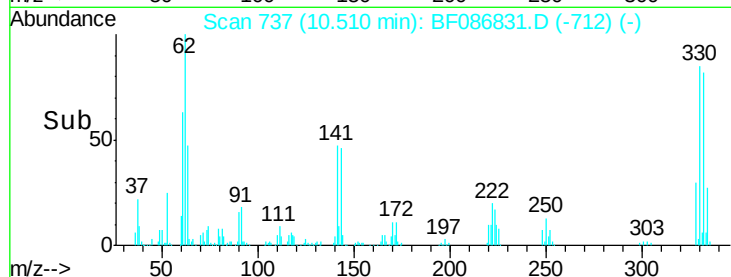
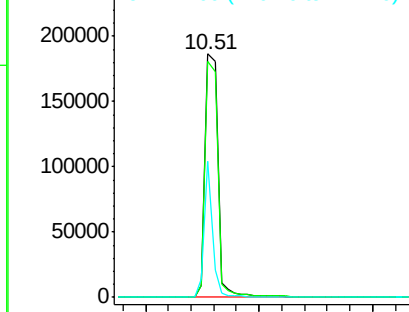
#41
 2,4,6-Tribromophenol
 Concen: 89.92 ng
 RT: 10.51 min Scan# 737
 Delta R.T. -0.01 min
 Lab File: BF086831.D
 Acq: 9 May 2016 20:10

Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-42-050416

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.0	79.0	118.4
141	36.2	31.2	46.8

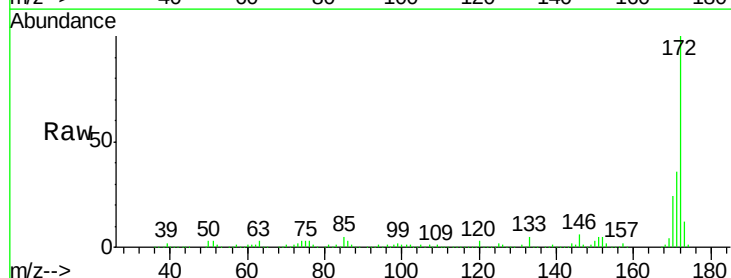


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

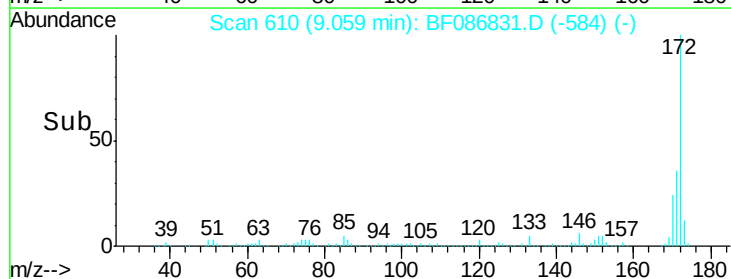
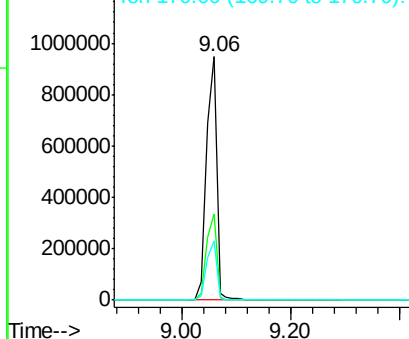


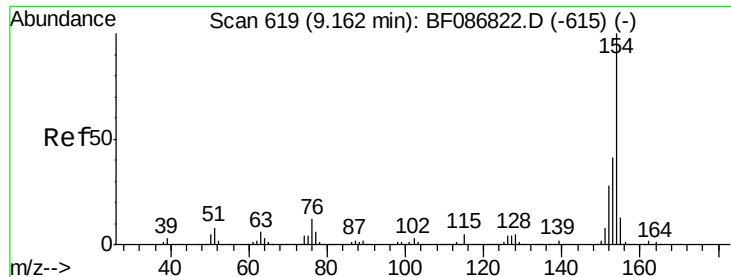
#44
 2-Fluorobiphenyl
 Concen: 69.33 ng
 RT: 9.06 min Scan# 610
 Delta R.T. -0.00 min
 Lab File: BF086831.D
 Acq: 9 May 2016 20:10

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.6	29.0	43.6
170	24.1	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: 0.06 ng

RT: 9.15 min Scan# 618

Delta R.T. -0.01 min

Lab File: BF086831.D

Acq: 9 May 2016 20:10

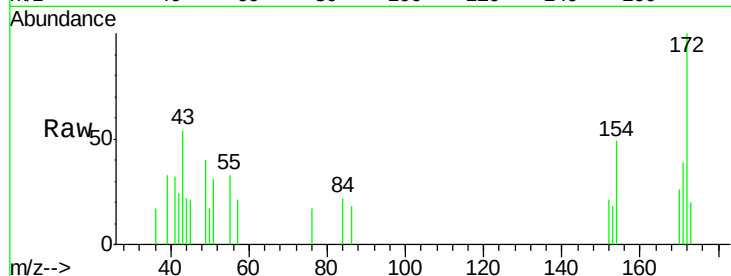
Instrument :

BNA_F

ClientSampleId :

HSR-WC-42-050416

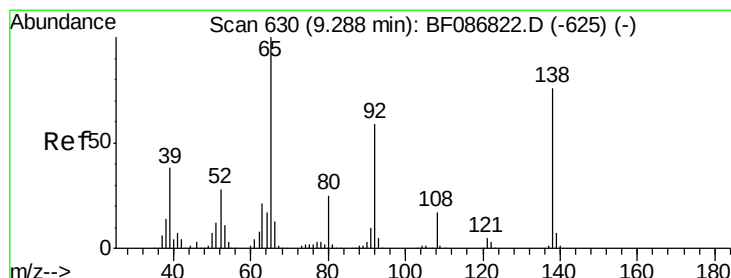
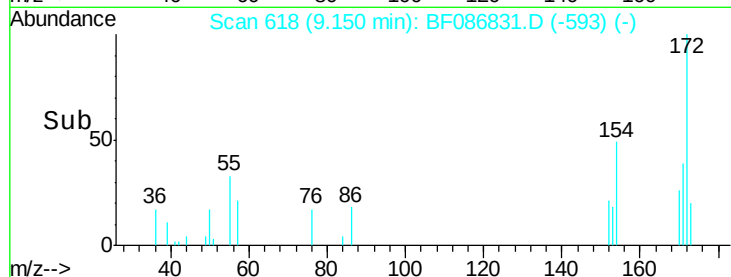
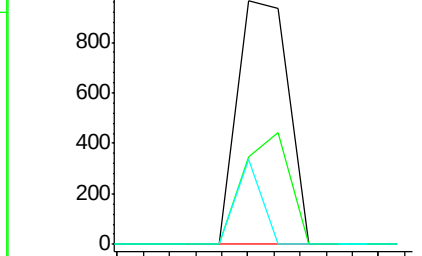
Tgt Ion:	154	Resp:	1302
Ion	Ratio	Lower	Upper
154	100		
153	36.1	20.3	60.3
76	35.0	0.0	30.2#



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



#47

2-Nitroaniline

Concen: 0.40 ng

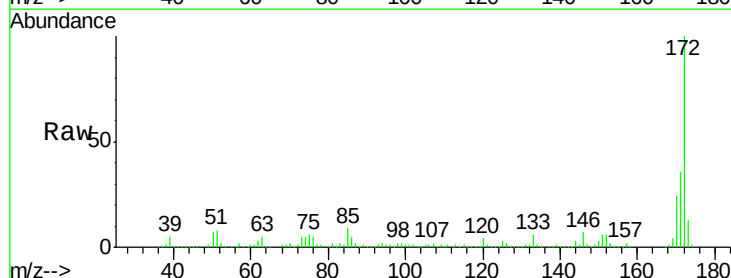
RT: 9.05 min Scan# 609

Delta R.T. -0.24 min

Lab File: BF086831.D

Acq: 9 May 2016 20:10

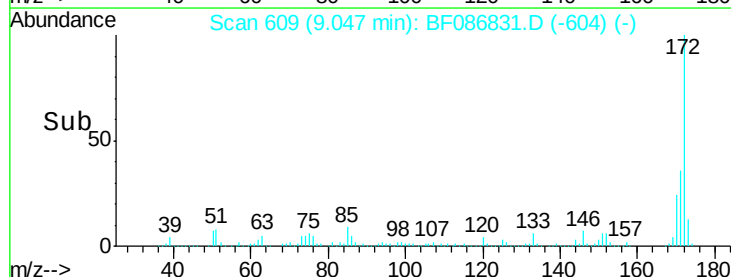
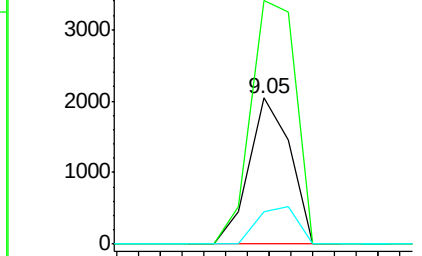
Tgt Ion:	65	Resp:	2712
Ion	Ratio	Lower	Upper
65	100		
92	166.9	57.4	86.2#
138	22.4	90.1	135.1#

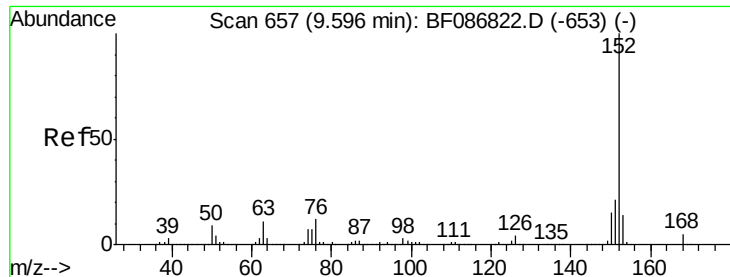


Abundance Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0

Ion 138.00 (137.70 to 138.70): E





#48

Acenaphthylene

Concen: 0.02 ng

RT: 9.58 min Scan# 656

Delta R.T. -0.01 min

Lab File: BF086831.D

Acq: 9 May 2016 20:10

Instrument :

BNA_F

ClientSampleId :

HSR-WC-42-050416

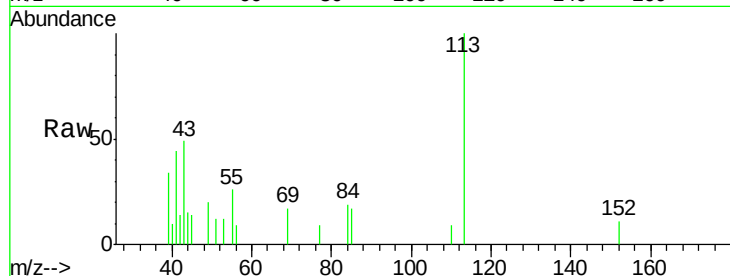
Tgt Ion:152 Resp: 512

Ion Ratio Lower Upper

152 100

151 0.0 16.8 25.2#

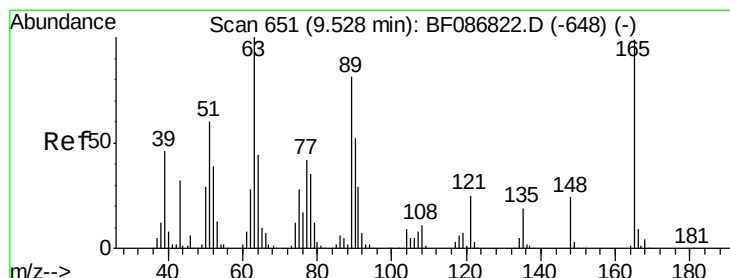
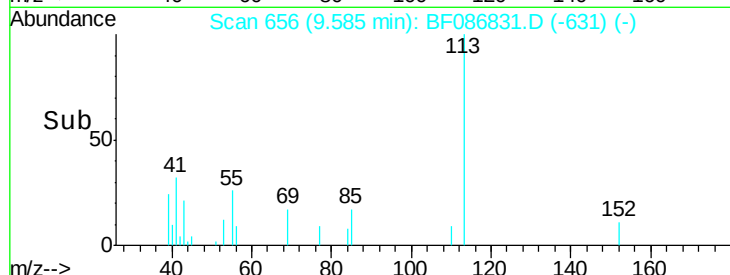
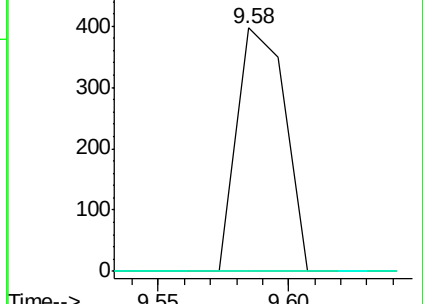
153 0.0 10.9 16.3#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

2,6-Dinitrotoluene

Concen: 7.98 ng

RT: 9.72 min Scan# 668

Delta R.T. 0.19 min

Lab File: BF086831.D

Acq: 9 May 2016 20:10

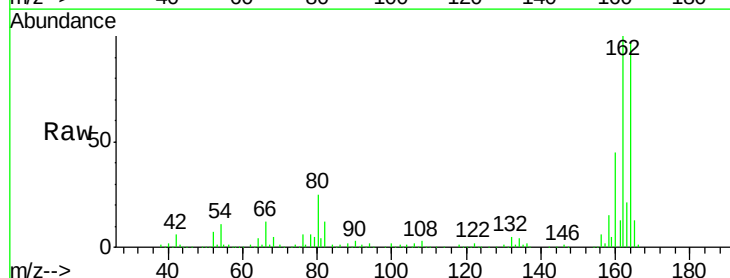
Tgt Ion:165 Resp: 38015

Ion Ratio Lower Upper

165 100

63 2.0 51.8 77.8#

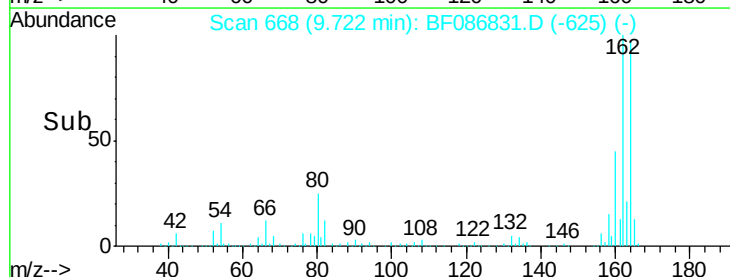
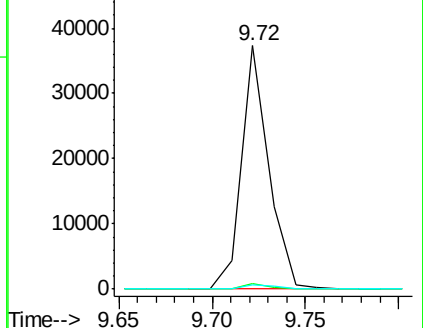
89 1.6 50.7 76.1#

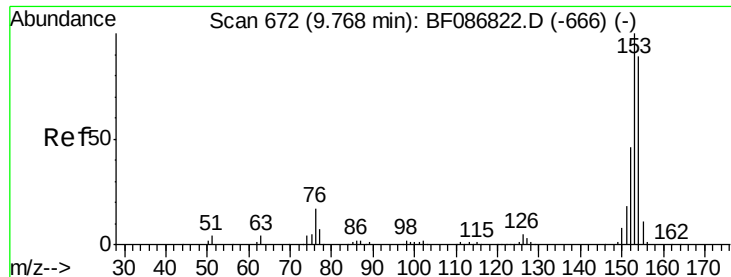


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 0.09 ng

RT: 9.72 min Scan# 668

Delta R.T. -0.05 min

Lab File: BF086831.D

Acq: 9 May 2016 20:10

Instrument :

BNA_F

ClientSampleId :

HSR-WC-42-050416

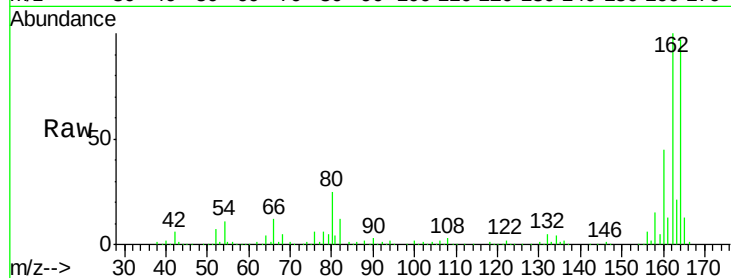
Tgt Ion:154 Resp: 1522

Ion Ratio Lower Upper

154 100

153 0.0 89.8 134.6#

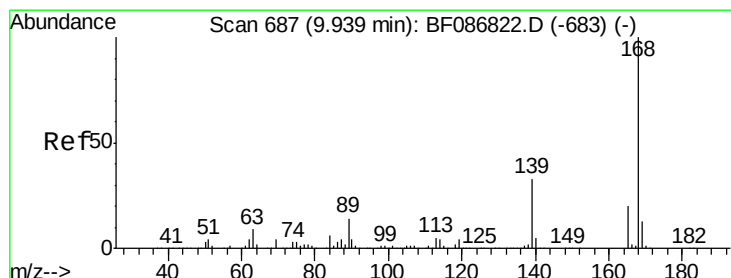
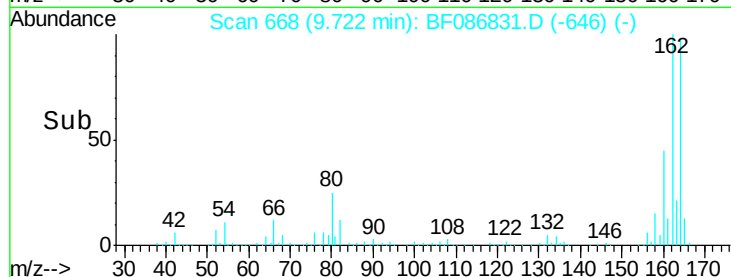
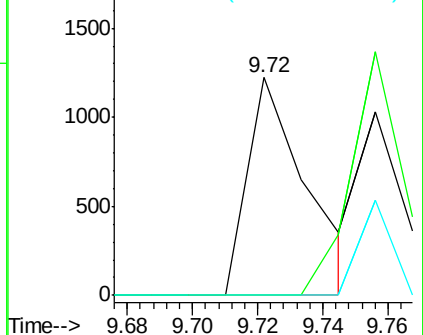
152 0.0 43.4 65.0#



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



#54

Dibenzofuran

Concen: 0.03 ng

RT: 9.94 min Scan# 687

Delta R.T. -0.00 min

Lab File: BF086831.D

Acq: 9 May 2016 20:10

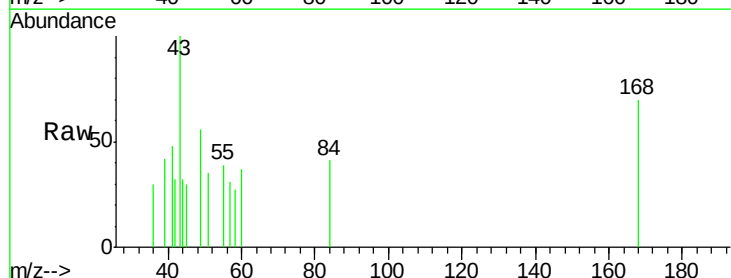
Tgt Ion:168 Resp: 753

Ion Ratio Lower Upper

168 100

139 0.0 31.4 47.0#

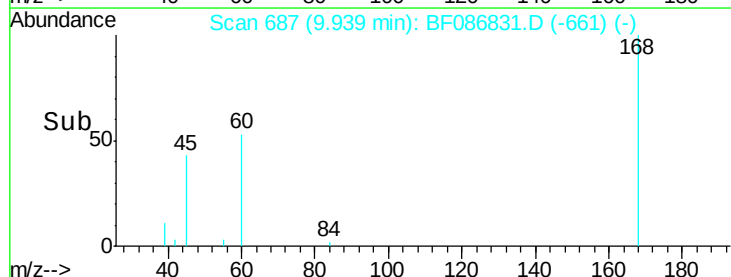
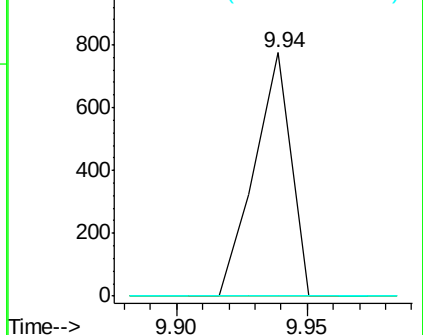
169 0.0 10.7 16.1#

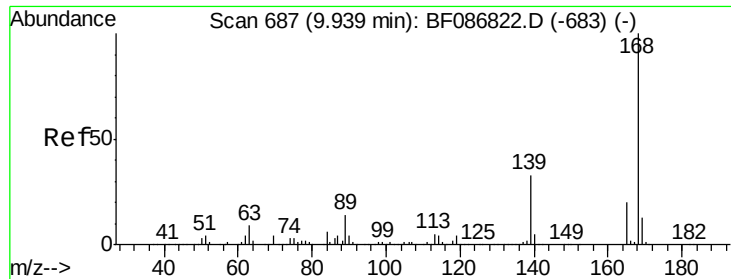


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

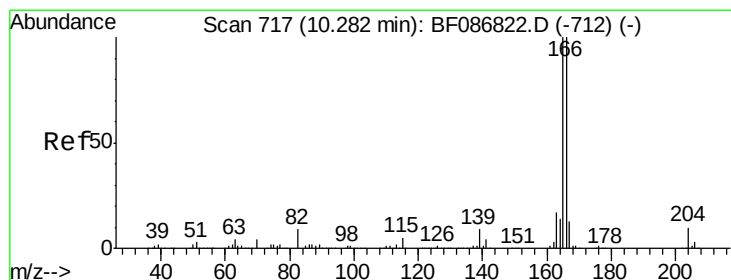
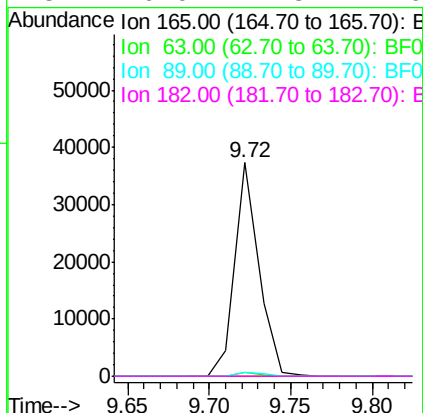
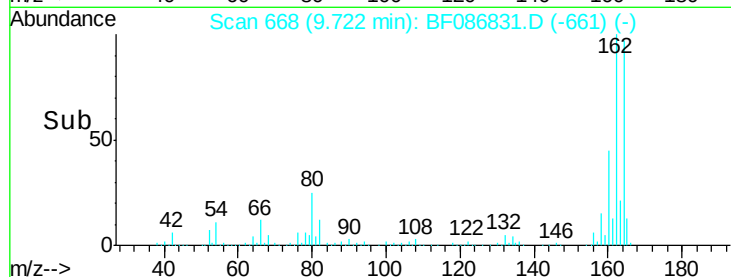
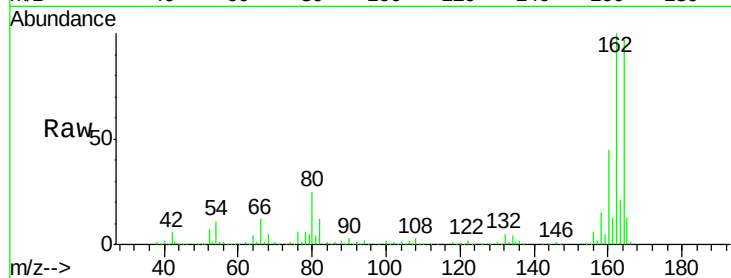




#56
2,4-Dinitrotoluene
Concen: 6.45 ng
RT: 9.72 min Scan# 668
Delta R.T. -0.22 min
Lab File: BF086831.D
Acq: 9 May 2016 20:10

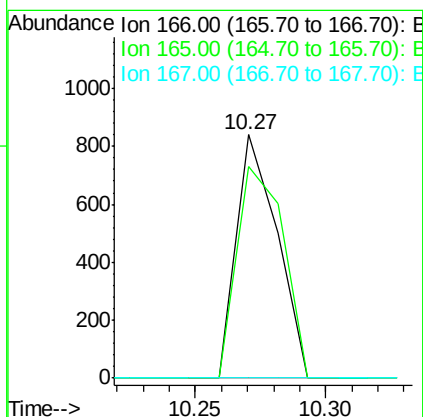
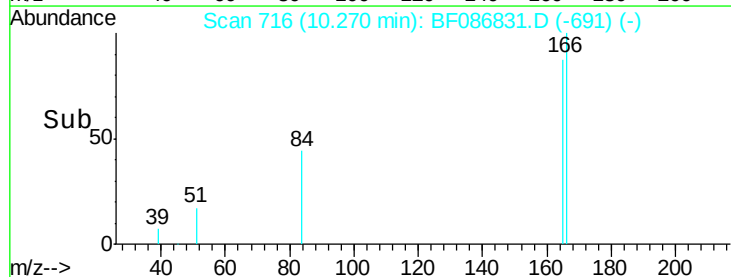
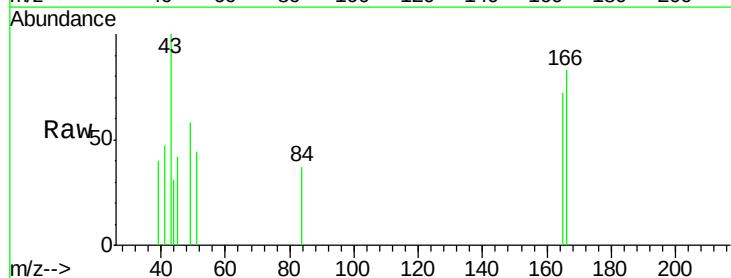
Instrument :
BNA_F
ClientSampleId :
HSR-WC-42-050416

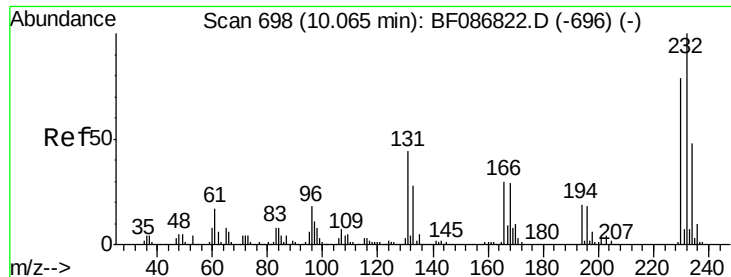
Tgt Ion:165 Resp: 38017
Ion Ratio Lower Upper
165 100
63 2.0 44.3 66.5#
89 1.6 70.0 105.0#
182 0.0 1.8 2.6#



#57
Fluorene
Concen: 0.05 ng
RT: 10.27 min Scan# 716
Delta R.T. -0.01 min
Lab File: BF086831.D
Acq: 9 May 2016 20:10

Tgt Ion:166 Resp: 920
Ion Ratio Lower Upper
166 100
165 86.8 79.0 118.6
167 0.0 10.6 15.8#

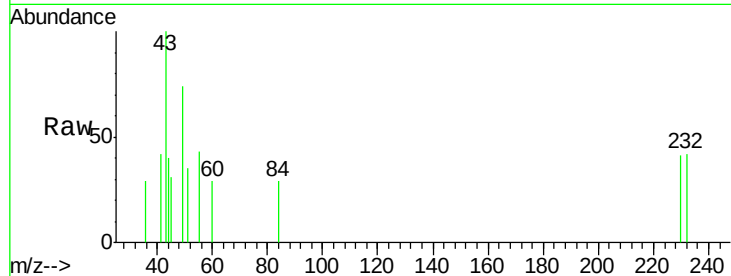




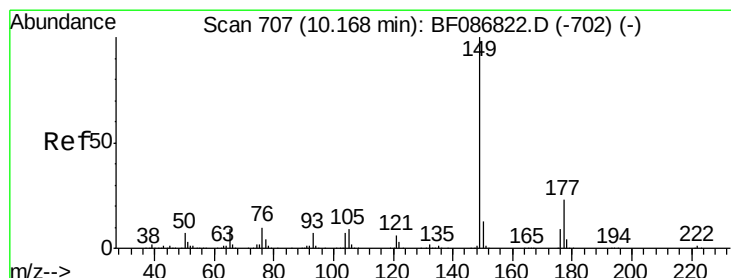
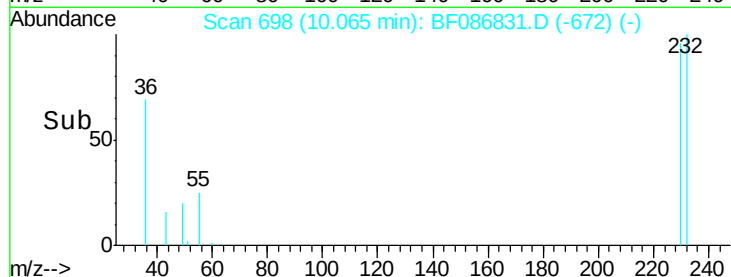
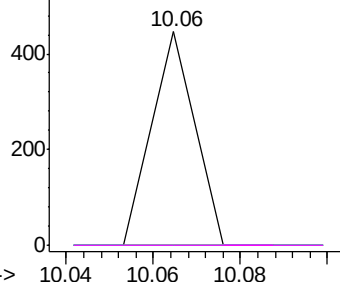
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 0.07 ng
 RT: 10.06 min Scan# 698
 Delta R.T. -0.00 min
 Lab File: BF086831.D
 Acq: 9 May 2016 20:10

Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-42-050416

Tgt Ion: 232 Resp: 306
 Ion Ratio Lower Upper
 232 100
 131 0.0 41.9 62.9#
 130 0.0 2.2 3.4#
 166 0.0 26.8 40.2#

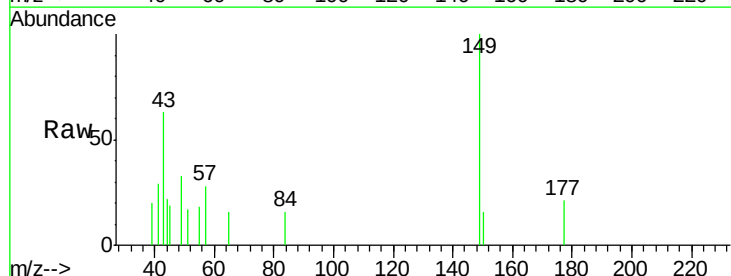


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

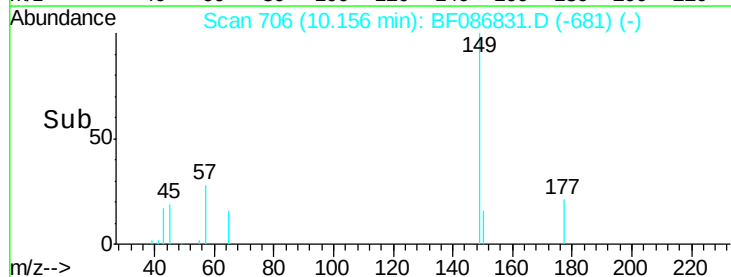
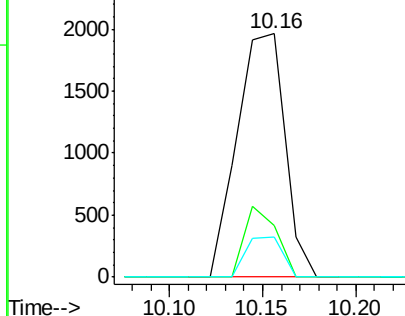


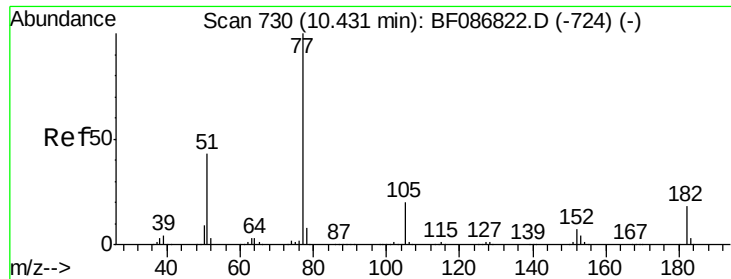
#59
 Diethylphthalate
 Concen: 0.16 ng
 RT: 10.16 min Scan# 706
 Delta R.T. -0.01 min
 Lab File: BF086831.D
 Acq: 9 May 2016 20:10

Tgt Ion: 149 Resp: 3499
 Ion Ratio Lower Upper
 149 100
 177 21.3 16.6 24.8
 150 16.2 10.0 15.0#



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 177.00 (176.70 to 177.70): E
 Ion 150.00 (149.70 to 150.70): E





#62

Azobenzene

Concen: 0.03 ng

RT: 10.44 min Scan# 731

Delta R.T. 0.01 min

Lab File: BF086831.D

Acq: 9 May 2016 20:10

Instrument :

BNA_F

ClientSampleId :

HSR-WC-42-050416

Tgt Ion: 77 Resp: 756

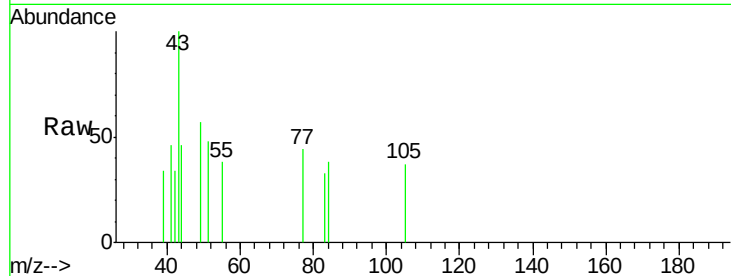
Ion Ratio Lower Upper

77 100

182 0.0 0.0 38.8

105 84.1 3.2 43.2#

51 108.5 8.8 48.8#



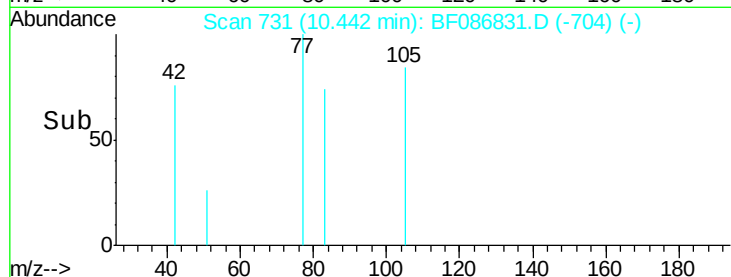
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

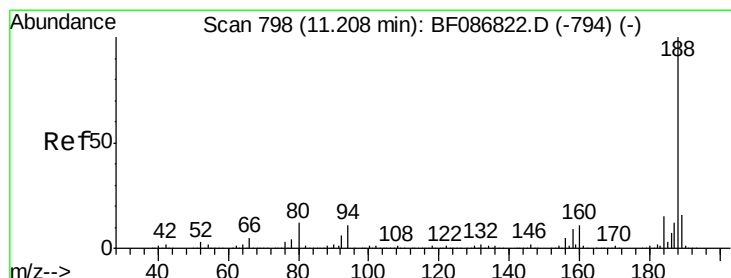
Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0

Time-->



Time-->



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.21 min Scan# 798

Delta R.T. -0.00 min

Lab File: BF086831.D

Acq: 9 May 2016 20:10

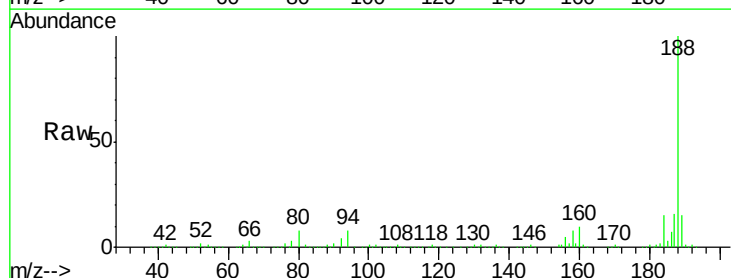
Tgt Ion: 188 Resp: 629548

Ion Ratio Lower Upper

188 100

94 7.8 6.8 10.2

80 7.9 7.1 10.7

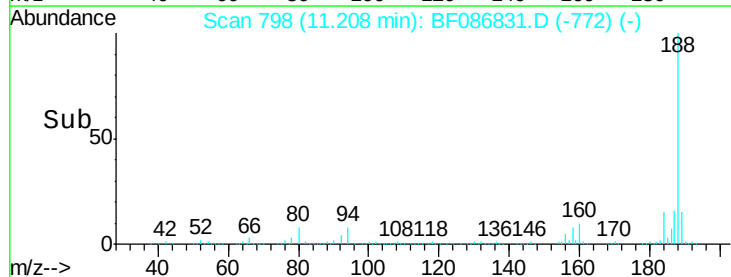


Abundance Ion 188.00 (187.70 to 188.70): E

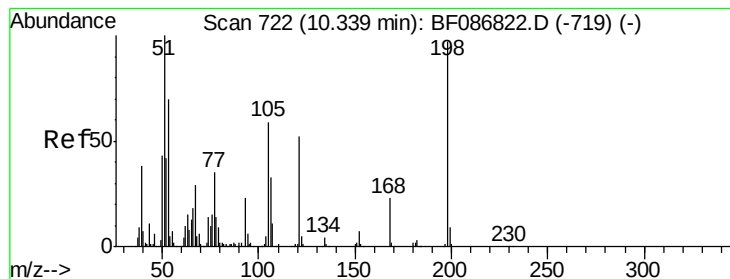
Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

Time-->



Time-->



#64

4,6-Dinitro-2-methylphenol

Concen: 0.22 ng

RT: 10.51 min Scan# 737

Delta R.T. 0.17 min

Lab File: BF086831.D

Acq: 9 May 2016 20:10

Instrument :

BNA_F

ClientSampleId :

HSR-WC-42-050416

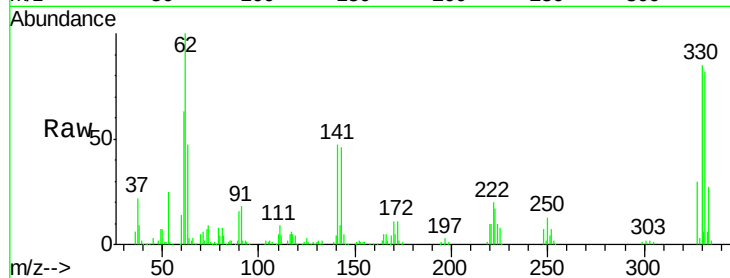
Tgt Ion:198 Resp: 849

Ion Ratio Lower Upper

198 100

51 244.4 20.5 60.5#

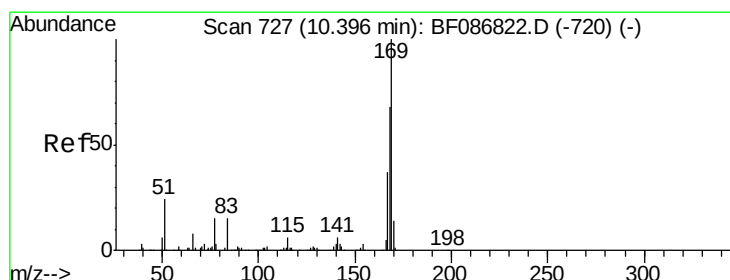
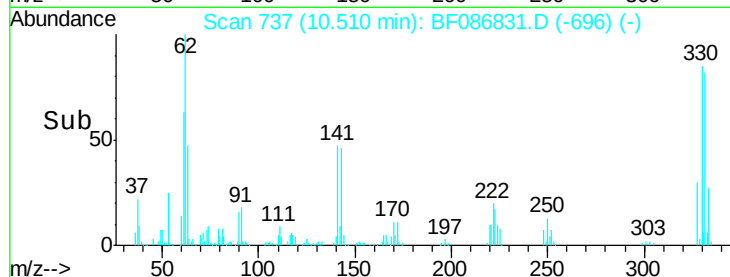
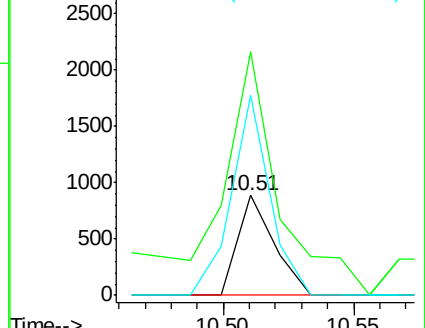
105 200.2 24.5 64.5#



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: 0.47 ng

RT: 10.51 min Scan# 737

Delta R.T. 0.11 min

Lab File: BF086831.D

Acq: 9 May 2016 20:10

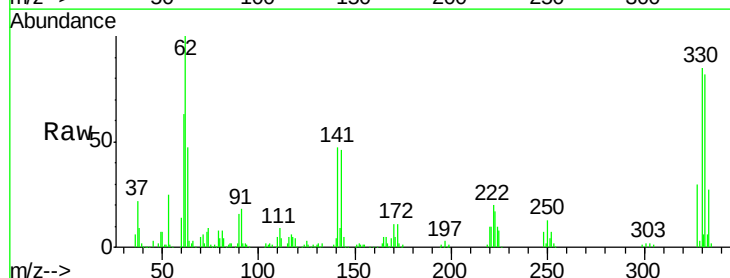
Tgt Ion:169 Resp: 9030

Ion Ratio Lower Upper

169 100

168 6.4 53.8 80.6#

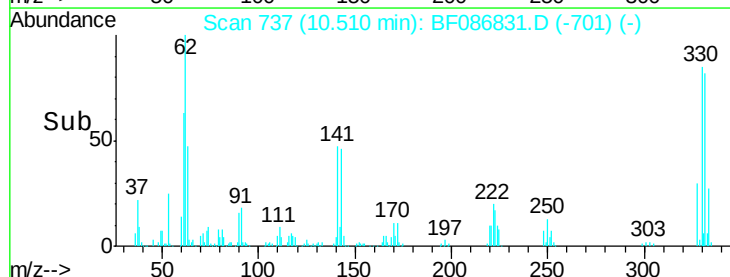
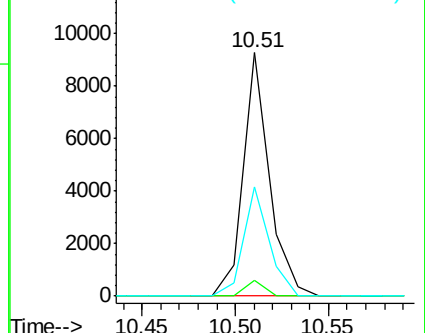
167 44.8 29.5 44.3#

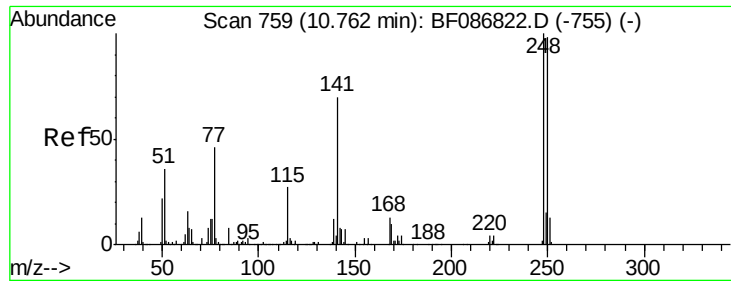


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

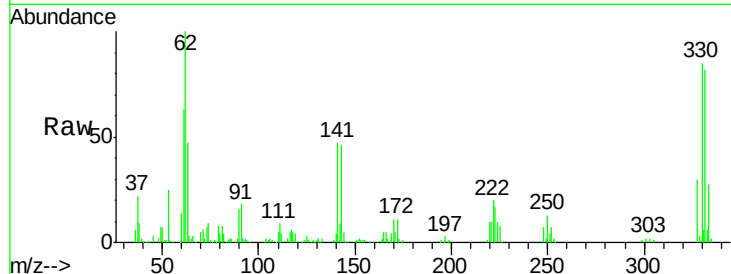




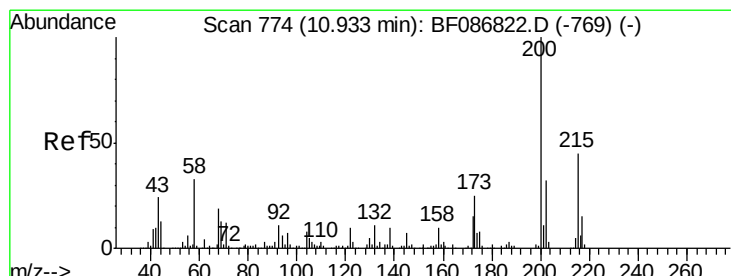
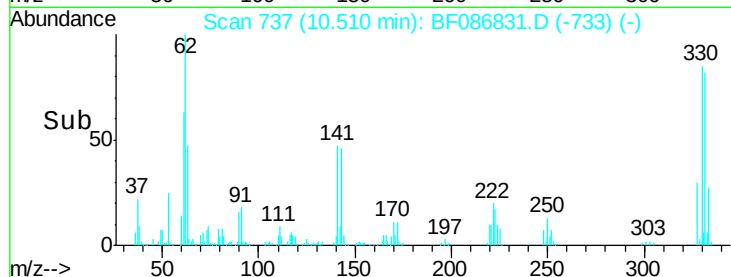
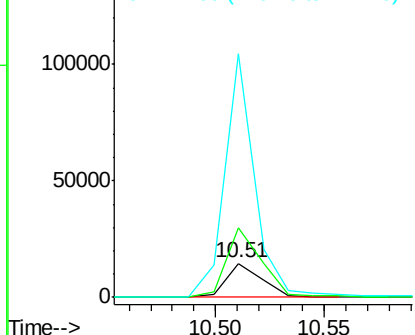
#66
4-Bromophenyl-phenylether
Concen: 2.56 ng
RT: 10.51 min Scan# 737
Delta R.T. -0.25 min
Lab File: BF086831.D
Acq: 9 May 2016 20:10

Instrument :
BNA_F
ClientSampleId :
HSR-WC-42-050416

Tgt Ion:248 Resp: 16328
Ion Ratio Lower Upper
248 100
250 204.6 78.6 117.8#
141 720.1 76.0 114.0#

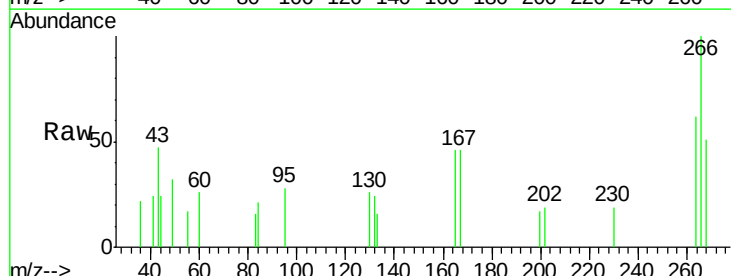


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

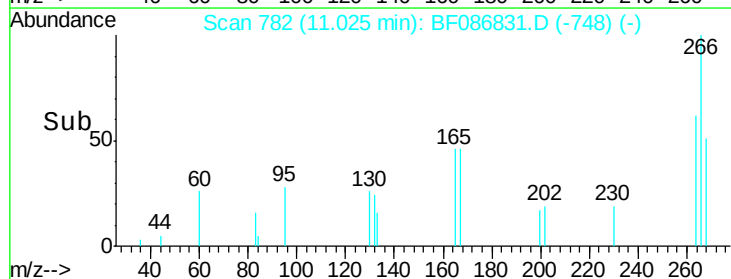
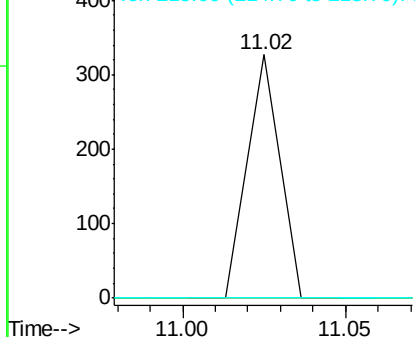


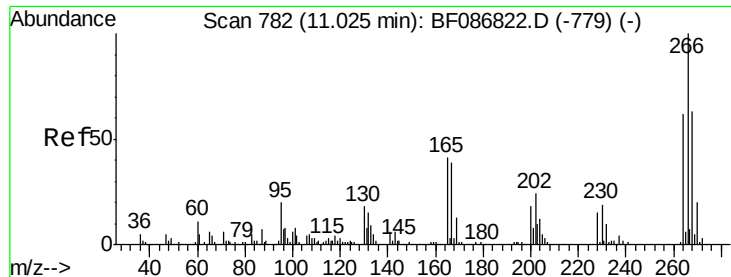
#68
Atrazine
Concen: 0.03 ng
RT: 11.02 min Scan# 782
Delta R.T. 0.09 min
Lab File: BF086831.D
Acq: 9 May 2016 20:10

Tgt Ion:200 Resp: 224
Ion Ratio Lower Upper
200 100
173 0.0 8.5 48.5#
215 0.0 27.2 67.2#



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

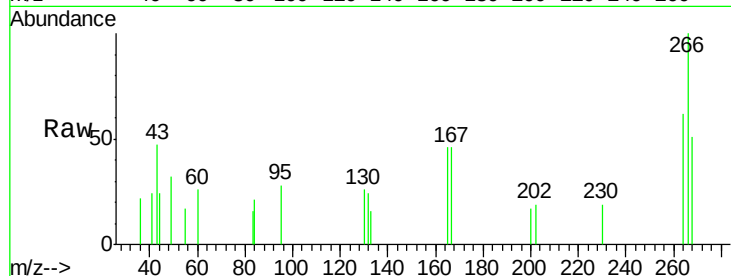




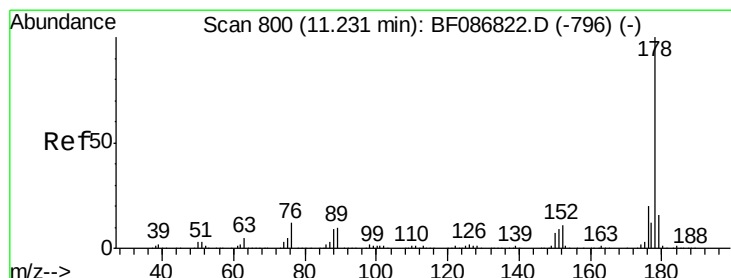
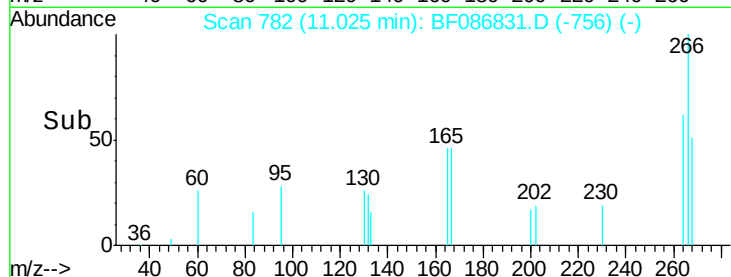
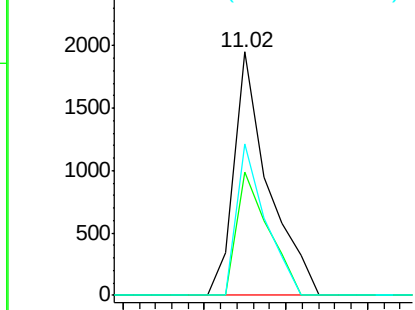
#69
 Pentachlorophenol
 Concen: 0.82 ng
 RT: 11.02 min Scan# 782
 Delta R.T. -0.00 min
 Lab File: BF086831.D
 Acq: 9 May 2016 20:10

Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-42-050416

Tgt Ion: 266 Resp: 2843
 Ion Ratio Lower Upper
 266 100
 268 50.6 51.5 77.3#
 264 62.3 52.9 79.3

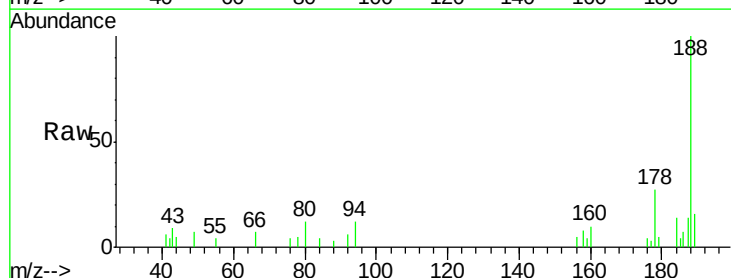


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

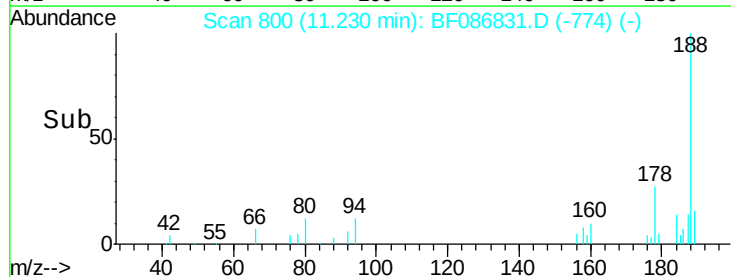
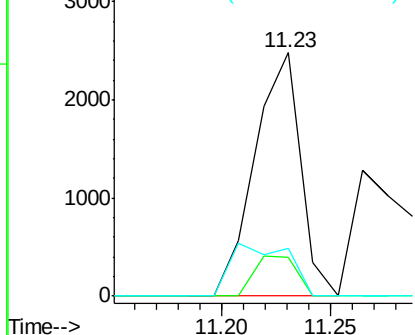


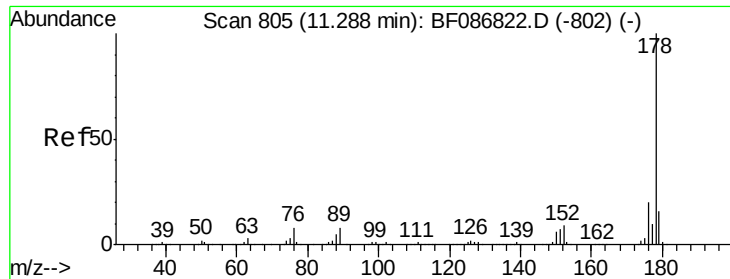
#70
 Phenanthrene
 Concen: 0.11 ng
 RT: 11.23 min Scan# 800
 Delta R.T. -0.00 min
 Lab File: BF086831.D
 Acq: 9 May 2016 20:10

Tgt Ion: 178 Resp: 3652
 Ion Ratio Lower Upper
 178 100
 176 16.0 16.0 24.0
 179 19.5 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: 0.07 ng

RT: 11.26 min Scan# 803

Delta R.T. -0.02 min

Lab File: BF086831.D

Acq: 9 May 2016 20:10

Instrument :

BNA_F

ClientSampleId :

HSR-WC-42-050416

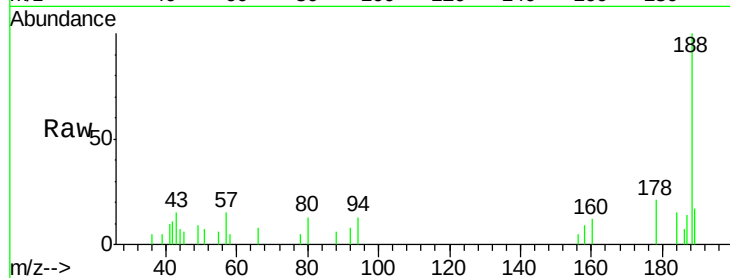
Tgt Ion:178 Resp: 2369

Ion Ratio Lower Upper

178 100

176 0.0 15.6 23.4#

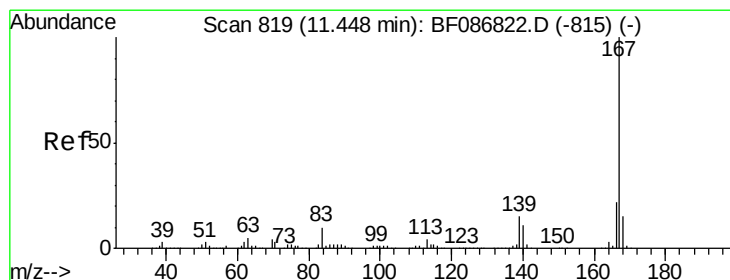
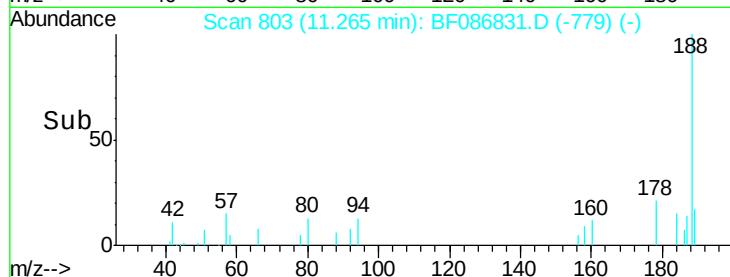
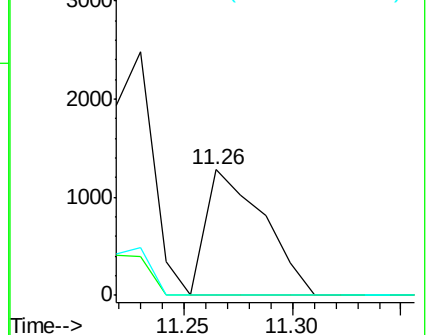
179 0.0 12.7 19.1#



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: 0.03 ng

RT: 11.46 min Scan# 820

Delta R.T. 0.01 min

Lab File: BF086831.D

Acq: 9 May 2016 20:10

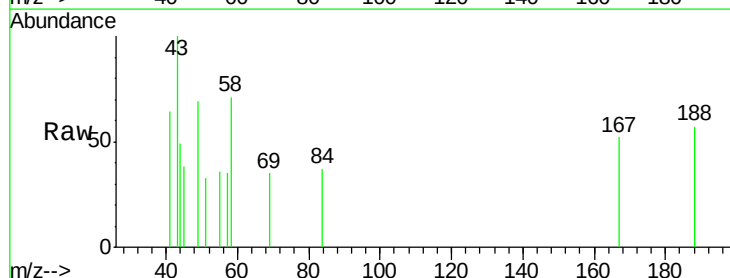
Tgt Ion:167 Resp: 881

Ion Ratio Lower Upper

167 100

166 0.0 17.7 26.5#

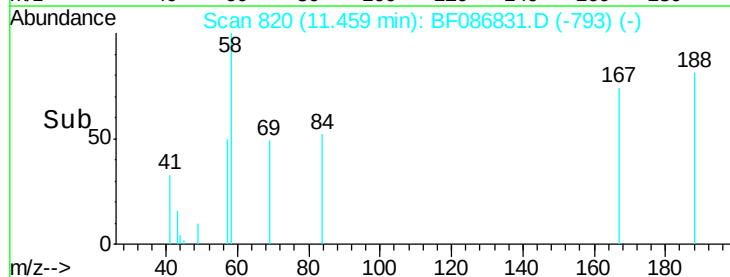
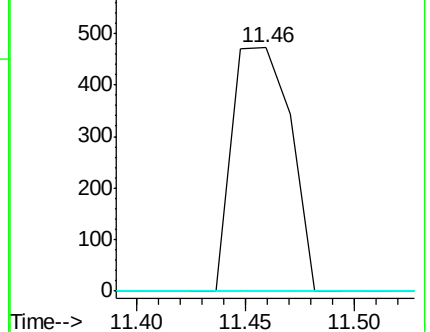
139 0.0 10.8 16.2#

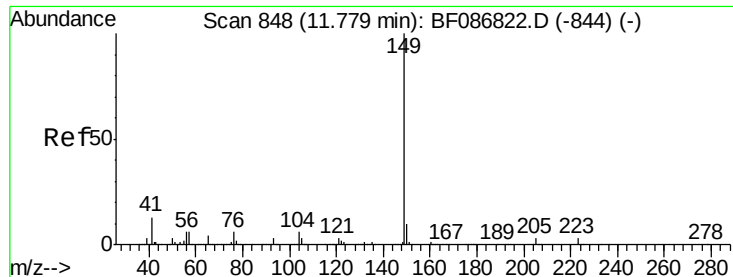


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 0.39 ng

RT: 11.78 min Scan# 848

Delta R.T. -0.00 min

Lab File: BF086831.D

Acq: 9 May 2016 20:10

Instrument :

BNA_F

ClientSampleId :

HSR-WC-42-050416

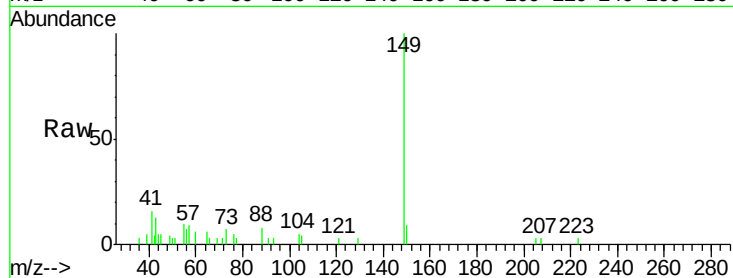
Tgt Ion:149 Resp: 13947

Ion Ratio Lower Upper

149 100

150 8.8 7.6 11.4

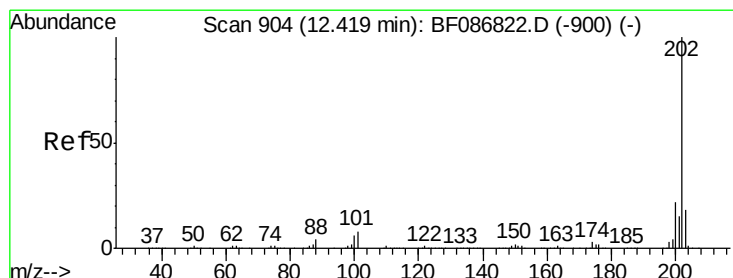
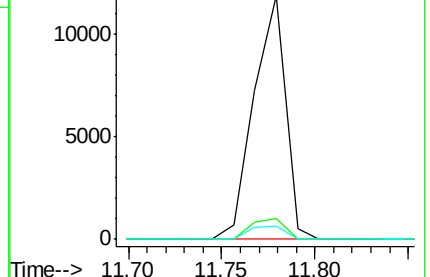
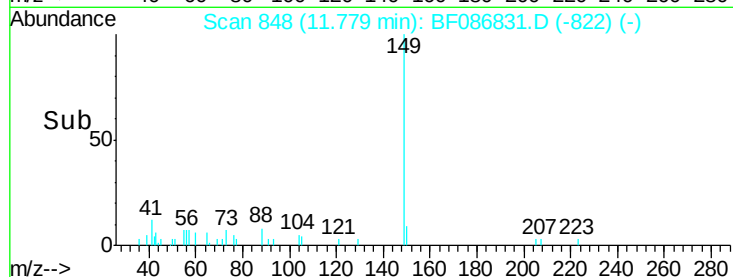
104 5.5 3.8 5.6



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: 0.05 ng

RT: 12.41 min Scan# 903

Delta R.T. -0.01 min

Lab File: BF086831.D

Acq: 9 May 2016 20:10

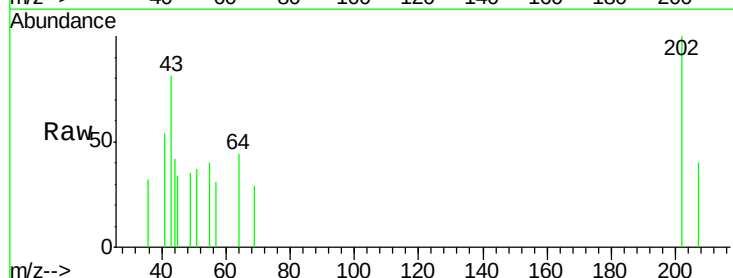
Tgt Ion:202 Resp: 1596

Ion Ratio Lower Upper

202 100

101 0.0 0.0 35.4

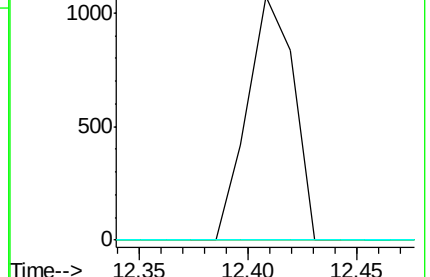
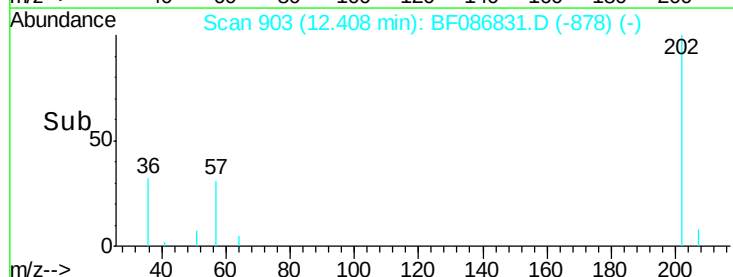
203 0.0 0.0 38.1

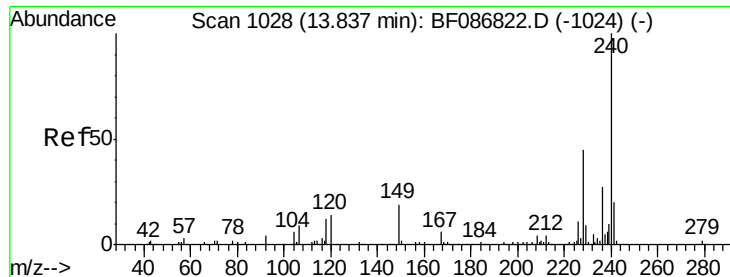


Abundance Ion 202.00 (201.70 to 202.70): E

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: 13.83 min Scan# 1027

Delta R.T. -0.01 min

Lab File: BF086831.D

Acq: 9 May 2016 20:10

Instrument :

BNA_F

ClientSampleId :

HSR-WC-42-050416

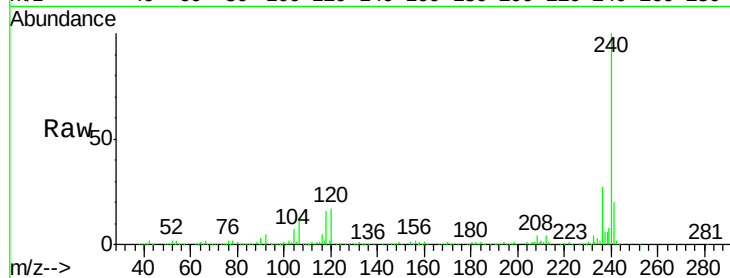
Tgt Ion:240 Resp: 531363

Ion Ratio Lower Upper

240 100

120 17.3 11.2 16.8#

236 26.6 21.2 31.8

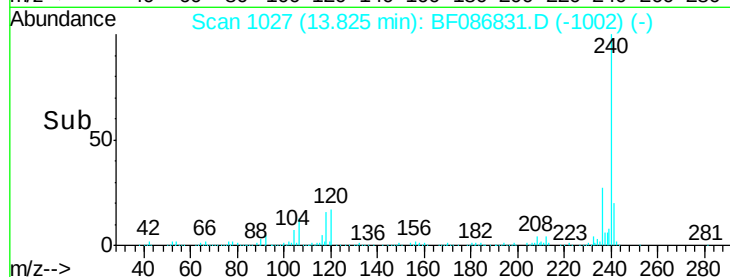


Abundance Ion 240.00 (239.70 to 240.70): E

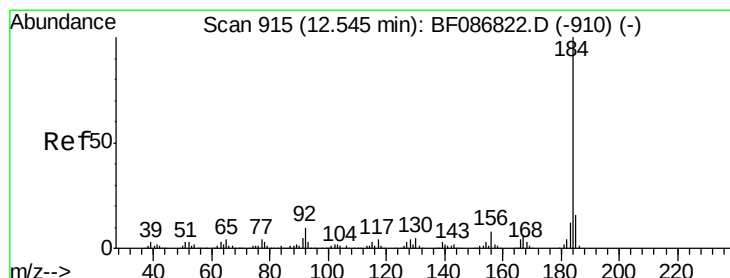
Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

Time-->



Time-->



#76

Benzidine

Concen: 0.13 ng

RT: 12.58 min Scan# 918

Delta R.T. 0.03 min

Lab File: BF086831.D

Acq: 9 May 2016 20:10

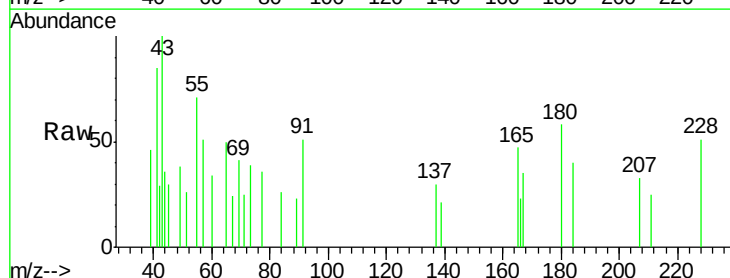
Tgt Ion:184 Resp: 1697

Ion Ratio Lower Upper

184 100

185 0.0 13.6 20.4#

183 0.0 9.8 14.6#

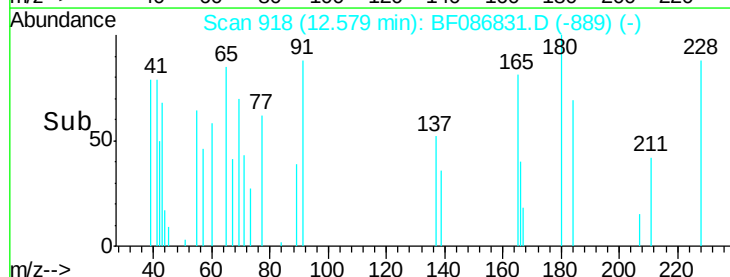


Abundance Ion 184.00 (183.70 to 184.70): E

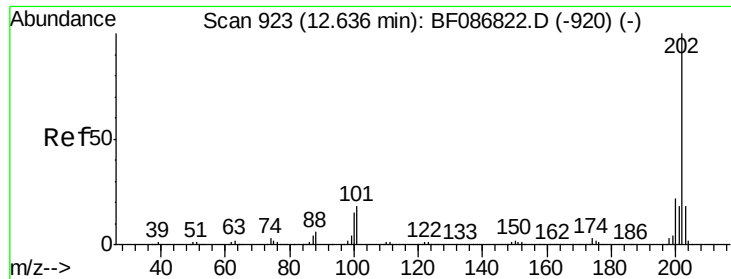
Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

Time-->



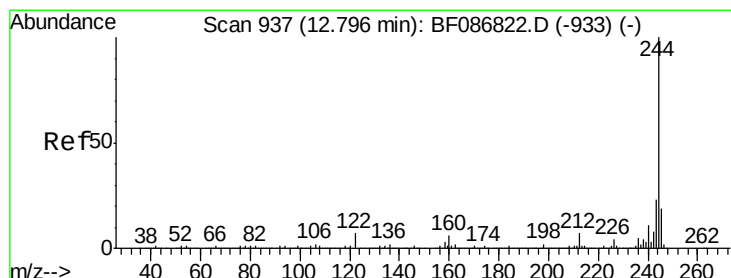
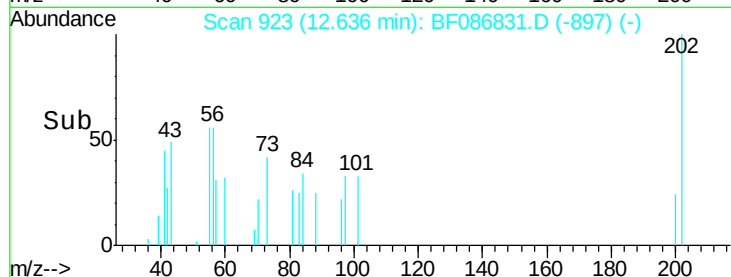
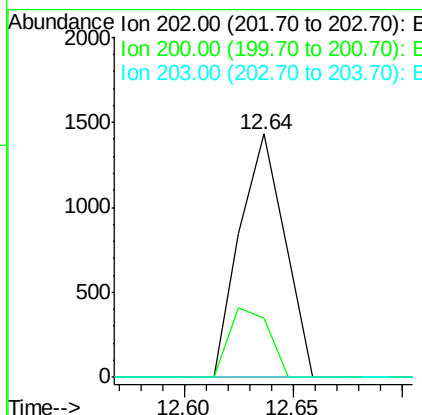
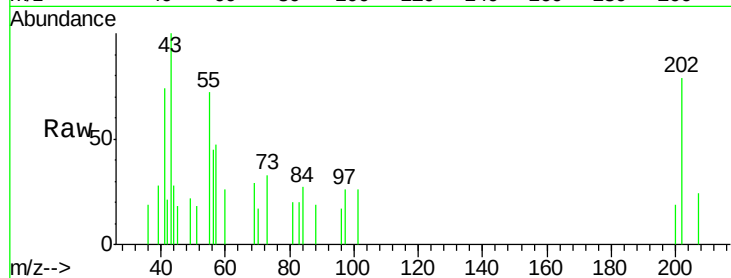
Time-->



#77
 Pyrene
 Concen: 0.05 ng
 RT: 12.64 min Scan# 923
 Delta R.T. -0.00 min
 Lab File: BF086831.D
 Acq: 9 May 2016 20:10

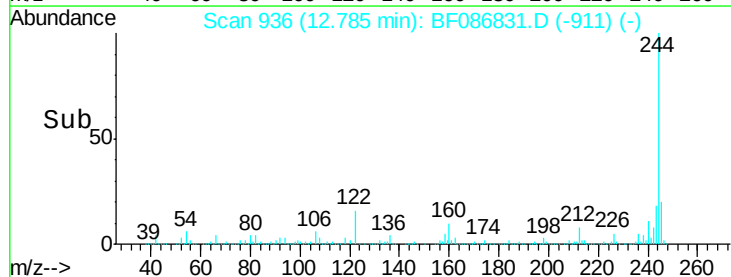
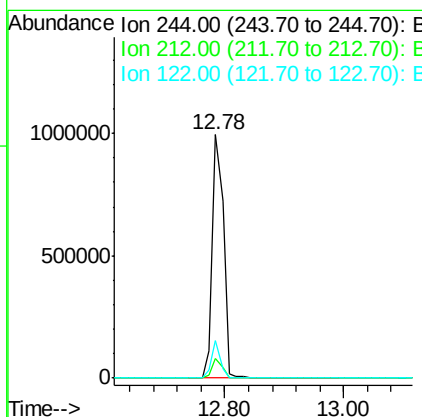
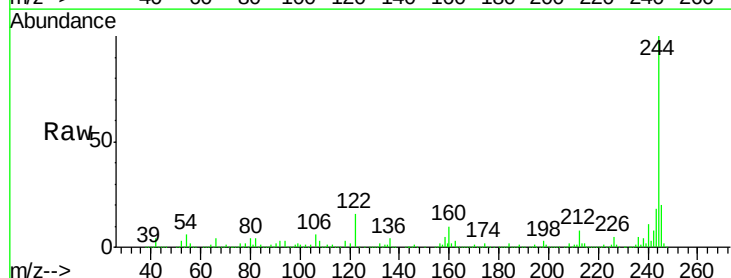
Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-42-050416

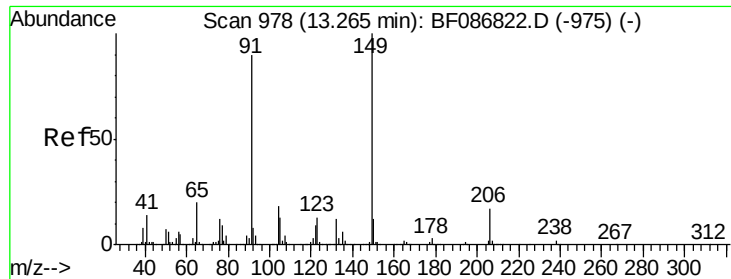
Tgt Ion: 202 Resp: 2060
 Ion Ratio Lower Upper
 202 100
 200 24.3 17.7 26.5
 203 0.0 14.2 21.4#



#78
 Terphenyl-d14
 Concen: 51.44 ng
 RT: 12.78 min Scan# 936
 Delta R.T. -0.01 min
 Lab File: BF086831.D
 Acq: 9 May 2016 20:10

Tgt Ion: 244 Resp: 1288328
 Ion Ratio Lower Upper
 244 100
 212 8.3 6.2 9.2
 122 15.6 12.0 18.0





#79

Butylbenzylphthalate

Concen: 0.02 ng

RT: 13.26 min Scan# 978

Delta R.T. -0.00 min

Lab File: BF086831.D

Acq: 9 May 2016 20:10

Instrument :

BNA_F

ClientSampleId :

HSR-WC-42-050416

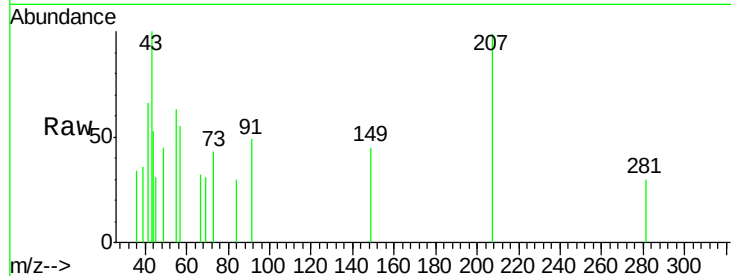
Tgt Ion:149 Resp: 327

Ion Ratio Lower Upper

149 100

91 108.8 48.0 72.0#

206 0.0 15.8 23.6#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E

600

400

200

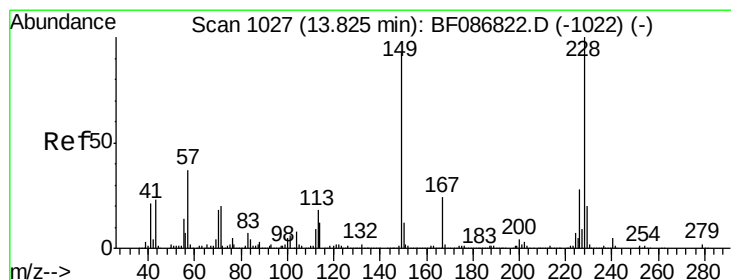
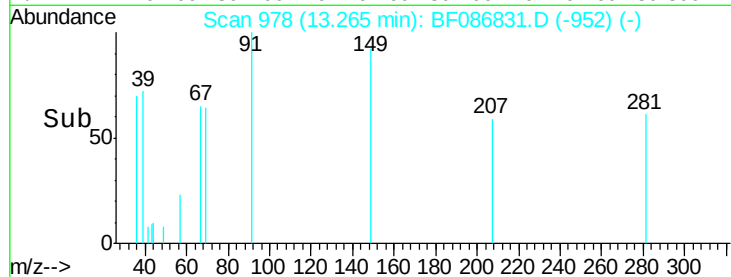
0

13.25

13.26

13.30

Time-->



#80

Benzo(a)anthracene

Concen: 0.10 ng

RT: 13.83 min Scan# 1027

Delta R.T. -0.00 min

Lab File: BF086831.D

Acq: 9 May 2016 20:10

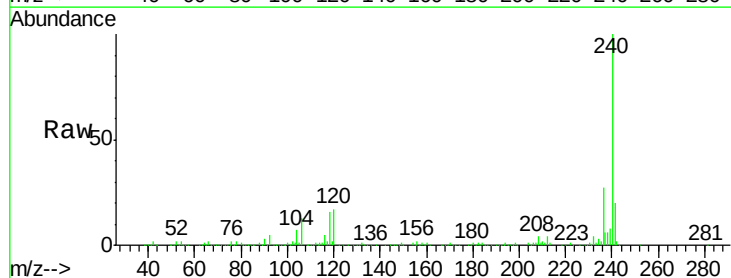
Tgt Ion:228 Resp: 3076

Ion Ratio Lower Upper

228 100

226 23.0 22.5 33.7

229 31.4 16.6 25.0#



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

1500

1000

500

0

13.75

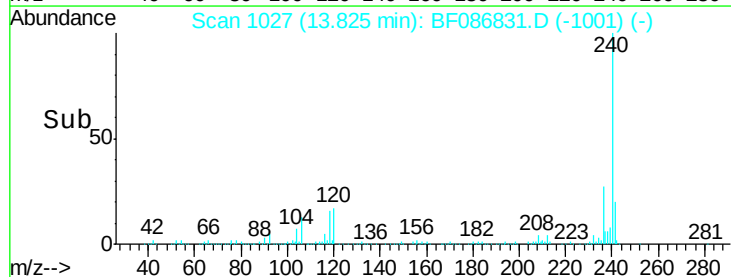
13.80

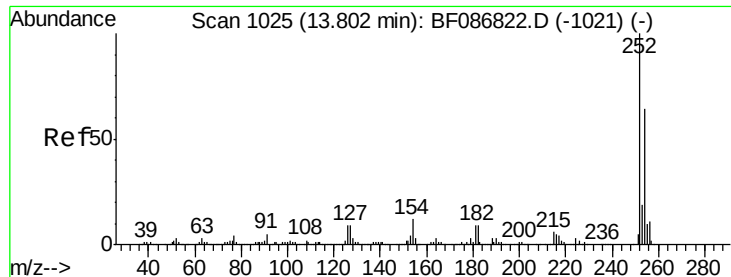
13.83

13.85

13.90

Time-->





#81

3,3'-Dichlorobenzidine

Concen: 0.14 ng

RT: 13.80 min Scan# 1025

Delta R.T. -0.00 min

Lab File: BF086831.D

Acq: 9 May 2016 20:10

Instrument :

BNA_F

ClientSampleId :

HSR-WC-42-050416

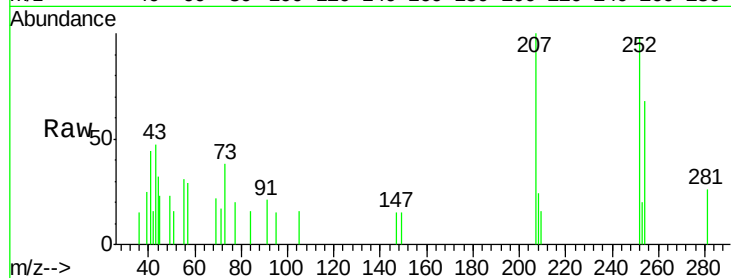
Tgt Ion:252 Resp: 2665

Ion Ratio Lower Upper

252 100

254 69.3 50.7 76.1

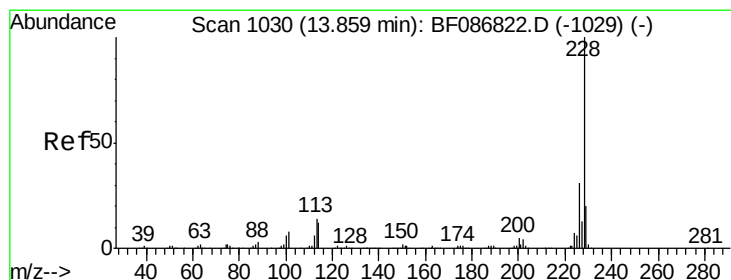
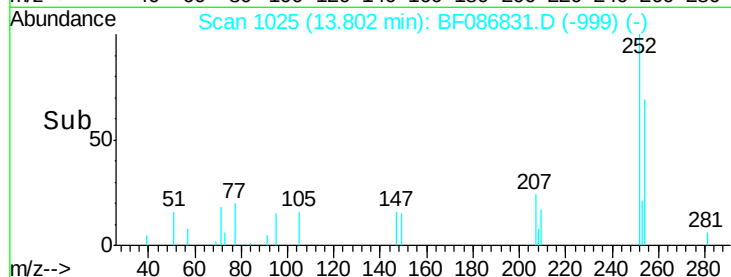
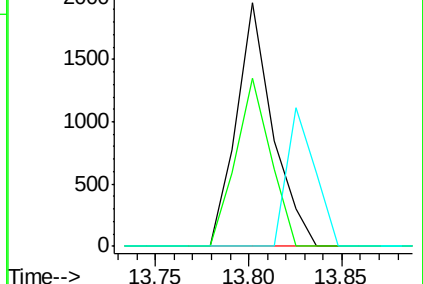
126 0.0 12.7 19.1#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



#82

Chrysene

Concen: 0.10 ng

RT: 13.83 min Scan# 1027

Delta R.T. -0.03 min

Lab File: BF086831.D

Acq: 9 May 2016 20:10

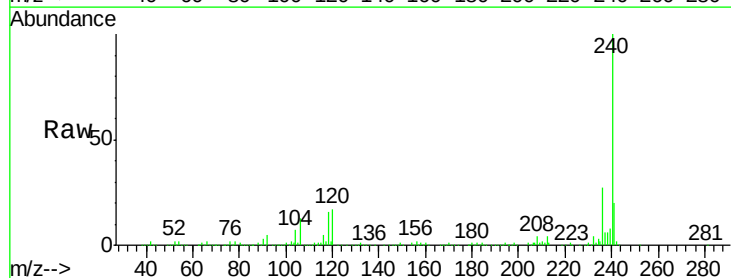
Tgt Ion:228 Resp: 3076

Ion Ratio Lower Upper

228 100

226 23.0 24.4 36.6#

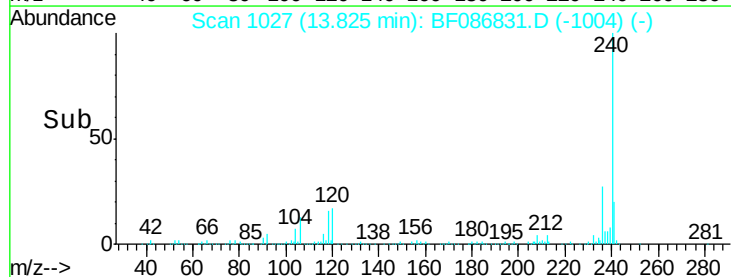
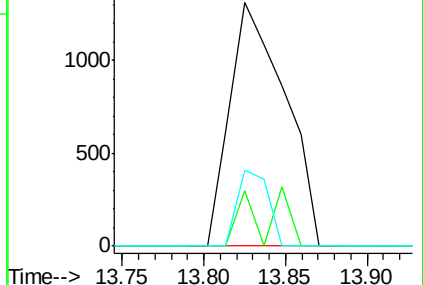
229 31.4 15.8 23.8#

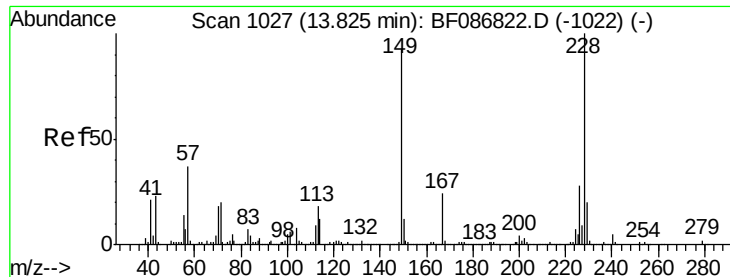


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

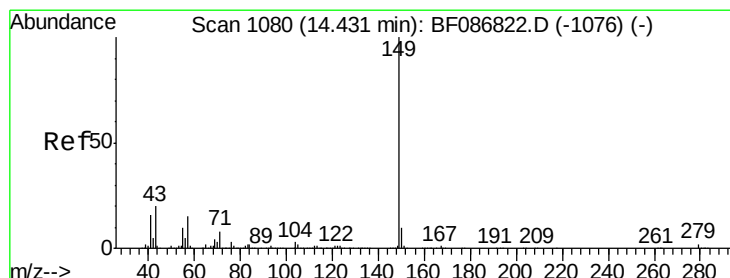
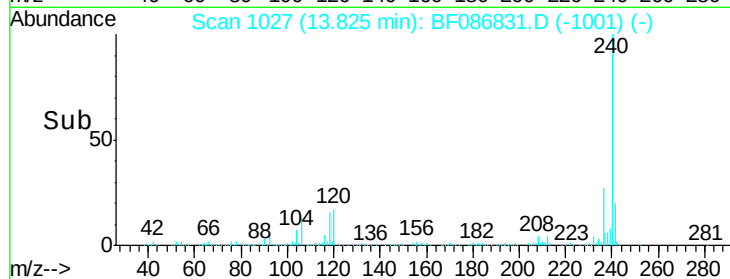
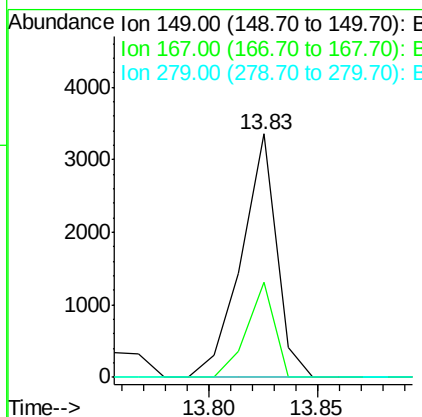
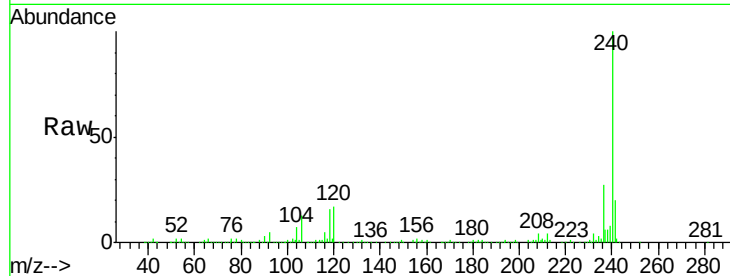




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 0.18 ng
 RT: 13.83 min Scan# 1027
 Delta R.T. -0.00 min
 Lab File: BF086831.D
 Acq: 9 May 2016 20:10

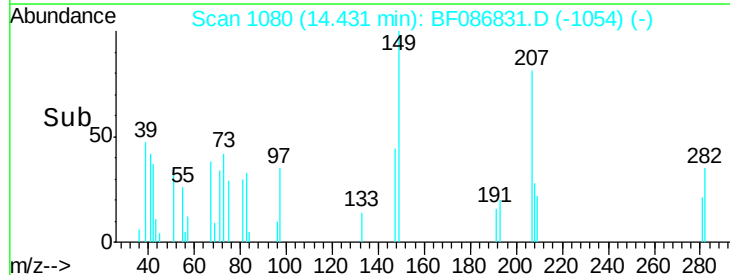
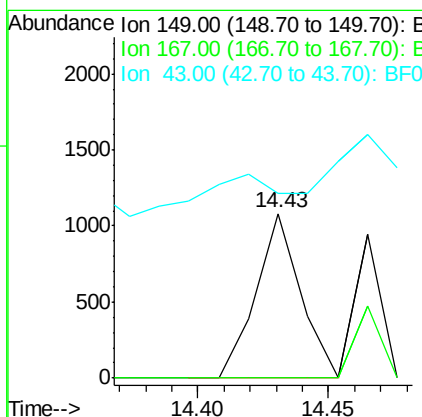
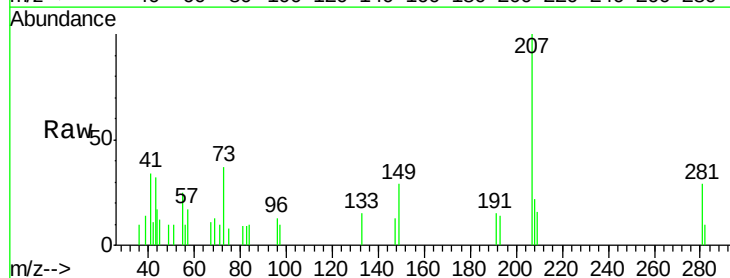
Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-42-050416

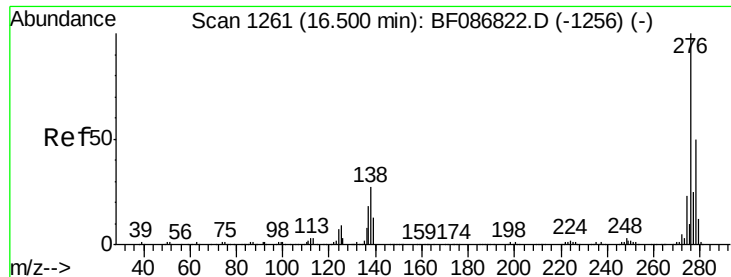
Tgt Ion:149 Resp: 3777
 Ion Ratio Lower Upper
 149 100
 167 39.2 21.8 32.6#
 279 0.0 2.6 4.0#



#84
 Di-n-octyl phthalate
 Concen: 0.04 ng
 RT: 14.43 min Scan# 1080
 Delta R.T. -0.00 min
 Lab File: BF086831.D
 Acq: 9 May 2016 20:10

Tgt Ion:149 Resp: 1287
 Ion Ratio Lower Upper
 149 100
 167 0.0 1.2 1.8#
 43 0.0 8.2 12.4#

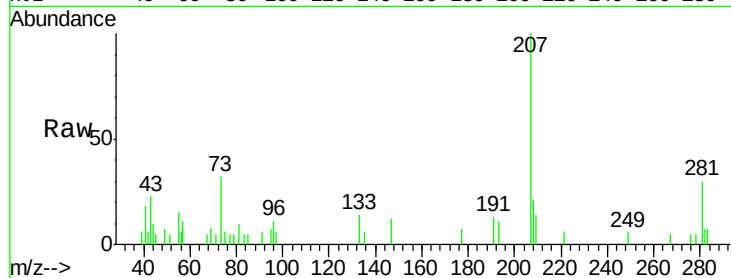




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 0.01 ng
 RT: 16.52 min Scan# 1263
 Delta R.T. 0.02 min
 Lab File: BF086831.D
 Acq: 9 May 2016 20:10

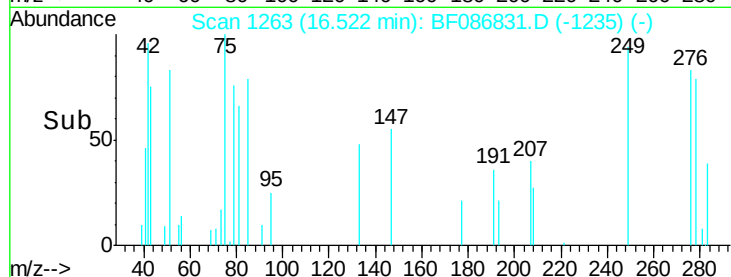
Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-42-050416

Tgt Ion	Ratio	Lower	Upper
276	100		
138	0.0	25.6	38.4#
277	0.0	20.5	30.7#

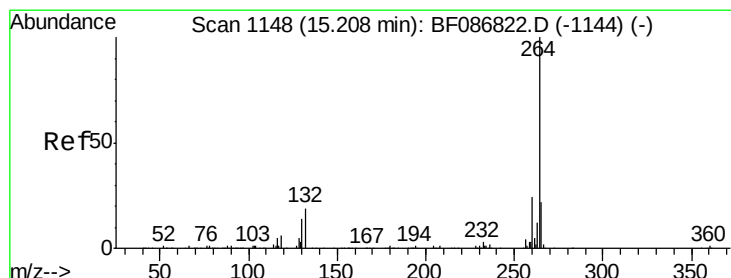


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

16.52

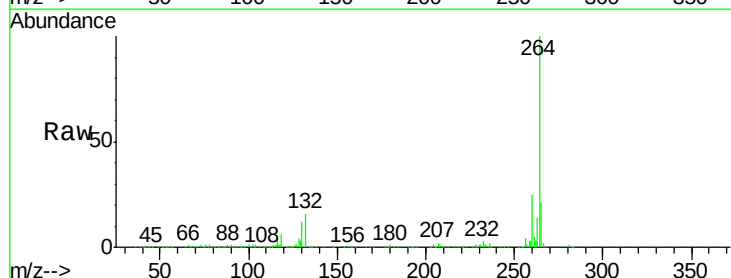


Time-->



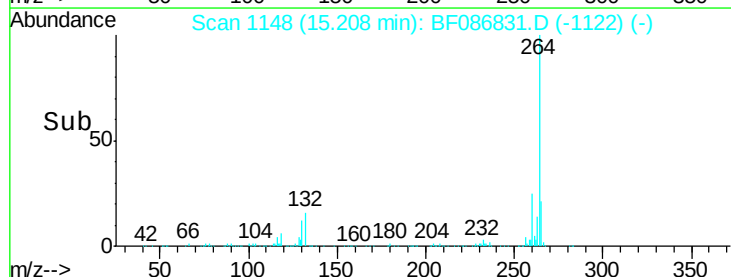
#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.21 min Scan# 1148
 Delta R.T. -0.00 min
 Lab File: BF086831.D
 Acq: 9 May 2016 20:10

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.2	19.5	29.3
265	21.5	17.3	25.9

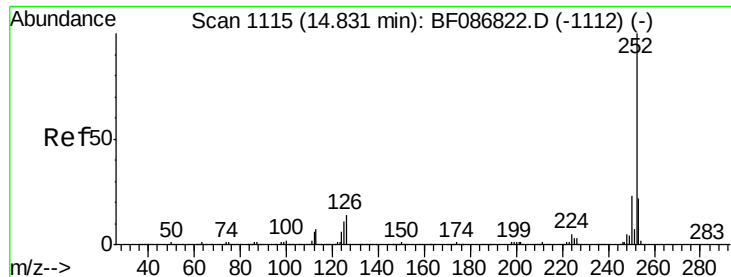


Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E

15.21



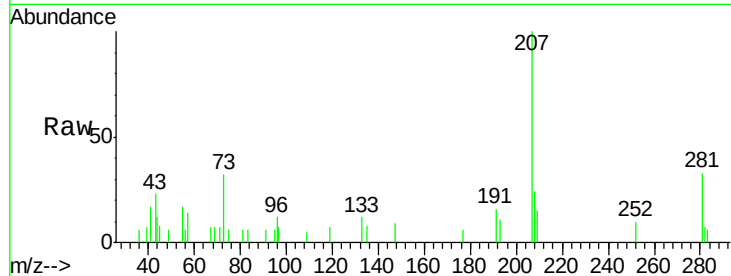
Time-->



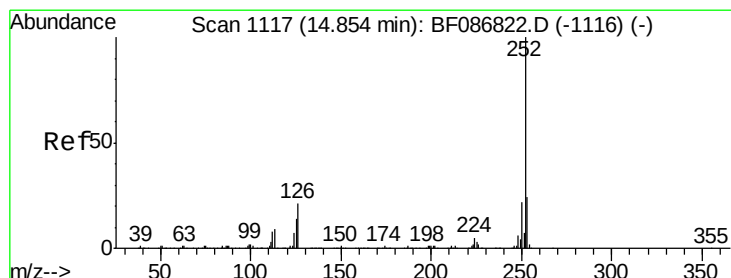
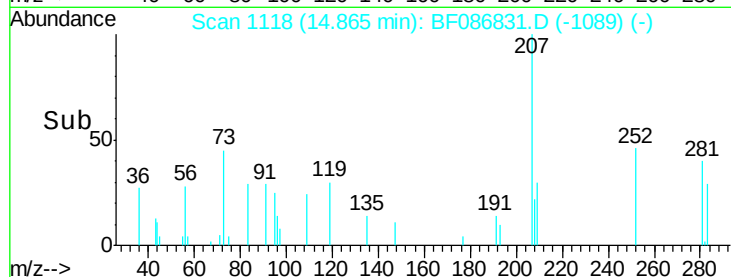
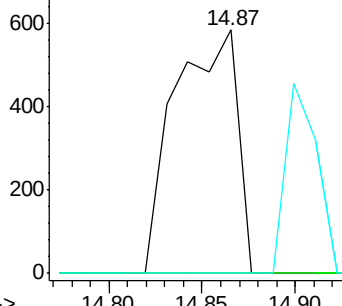
#87
Benzo(b)fluoranthene
Concen: 0.05 ng
RT: 14.87 min Scan# 1118
Delta R.T. 0.03 min
Lab File: BF086831.D
Acq: 9 May 2016 20:10

Instrument :
BNA_F
ClientSampleId :
HSR-WC-42-050416

Tgt Ion: 252 Resp: 1361
Ion Ratio Lower Upper
252 100
253 0.0 17.8 26.6#
125 0.0 11.4 17.0#

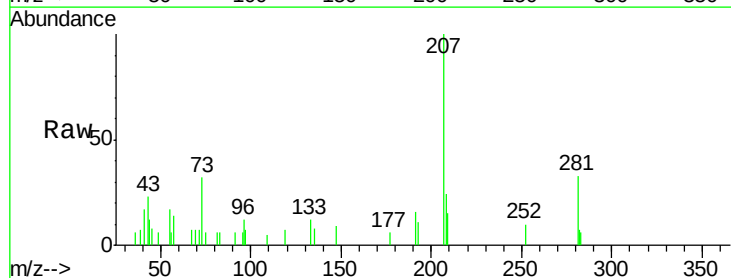


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

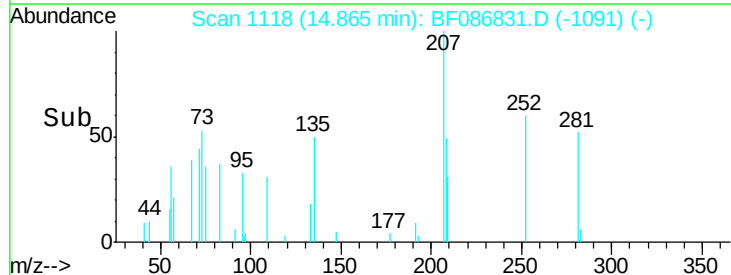
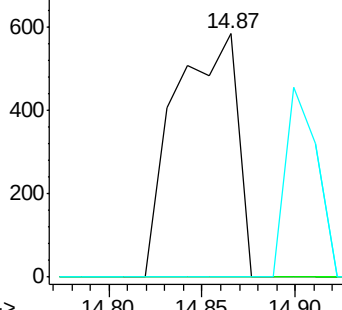


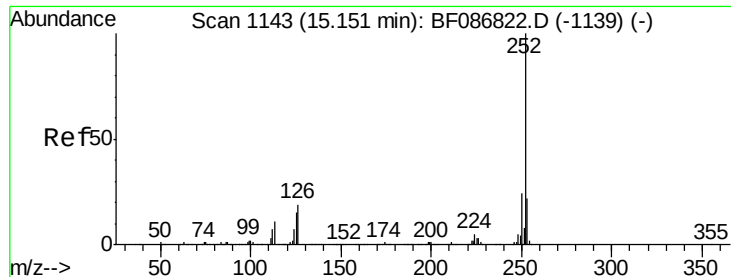
#88
Benzo(k)fluoranthene
Concen: 0.06 ng
RT: 14.87 min Scan# 1118
Delta R.T. 0.01 min
Lab File: BF086831.D
Acq: 9 May 2016 20:10

Tgt Ion: 252 Resp: 1361
Ion Ratio Lower Upper
252 100
253 0.0 17.8 26.6#
125 0.0 9.1 13.7#



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





#89

Benzo(a)pyrene

Concen: 0.05 ng

RT: 15.21 min Scan# 1148

Delta R.T. 0.06 min

Lab File: BF086831.D

Acq: 9 May 2016 20:10

Instrument :

BNA_F

ClientSampleId :

HSR-WC-42-050416

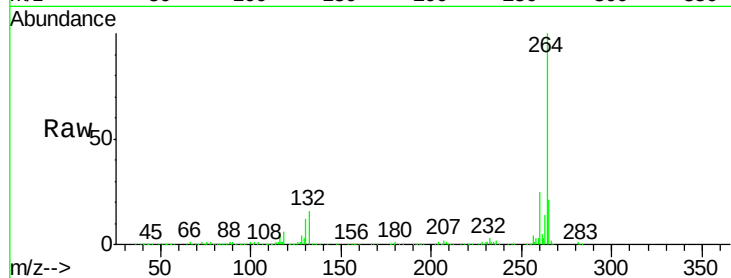
Tgt Ion: 252 Resp: 1318

Ion Ratio Lower Upper

252 100

253 30.1 17.2 25.8#

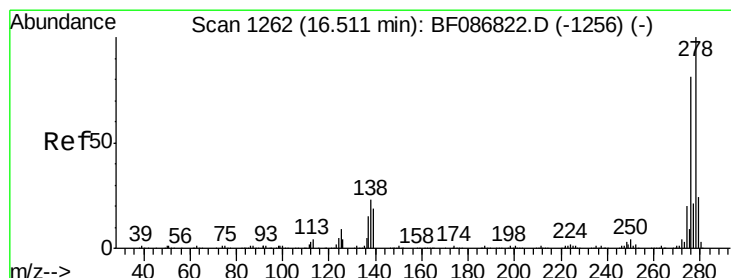
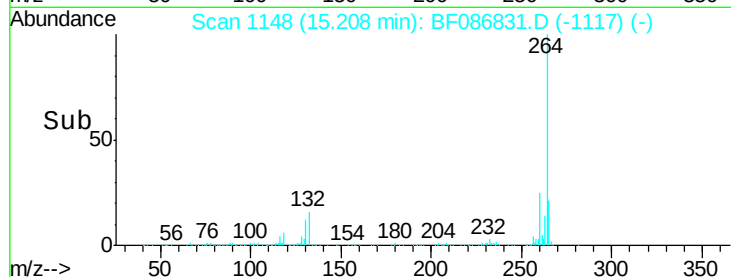
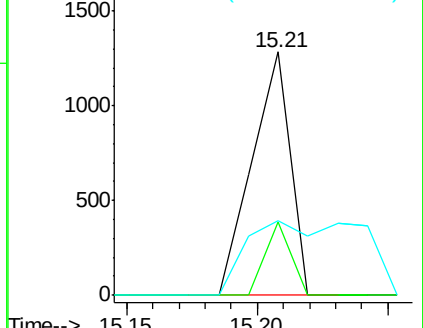
125 30.7 9.0 13.6#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 0.01 ng

RT: 16.52 min Scan# 1263

Delta R.T. 0.01 min

Lab File: BF086831.D

Acq: 9 May 2016 20:10

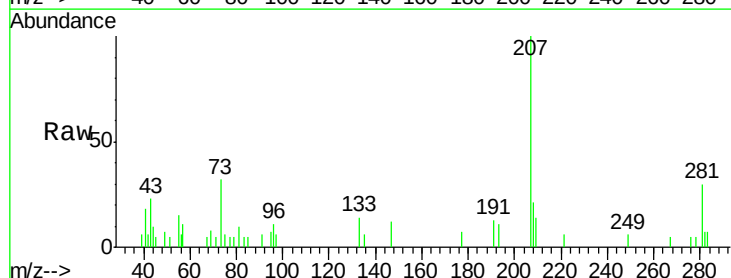
Tgt Ion: 278 Resp: 215

Ion Ratio Lower Upper

278 100

139 0.0 16.6 24.8#

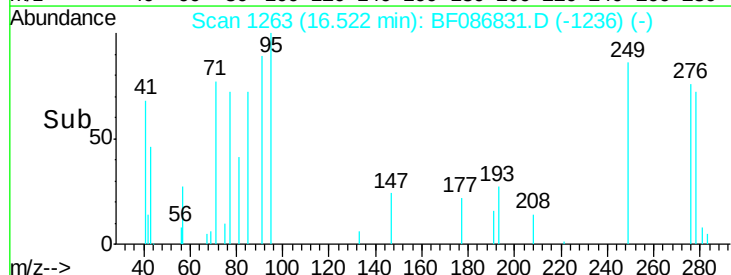
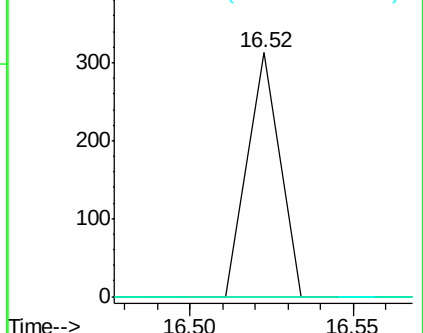
279 0.0 19.6 29.4#

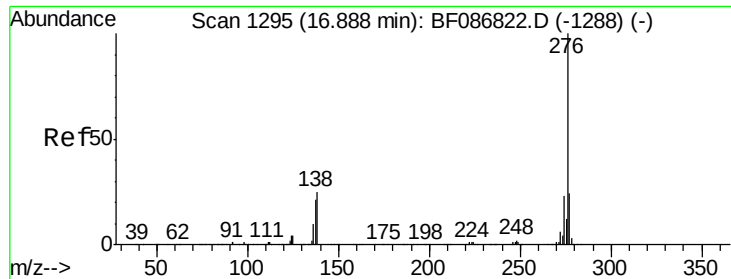


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 0.04 ng

RT: 16.90 min Scan# 1296

Delta R.T. 0.01 min

Lab File: BF086831.D

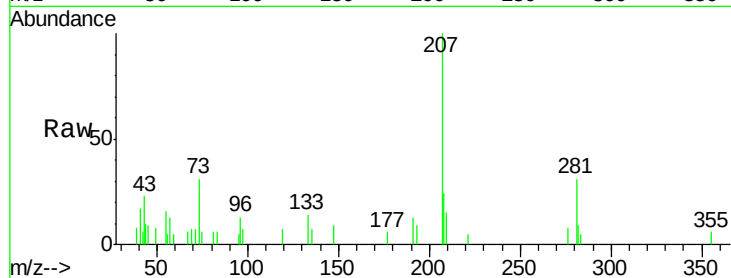
Acq: 9 May 2016 20:10

Instrument :

BNA_F

ClientSampleId :

HSR-WC-42-050416



Tgt Ion:	276	Resp:	898
Ion Ratio	Lower	Upper	
276	100		
277	0.0	19.6	29.4#
138	0.0	23.6	35.4#

