

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071916\
 Data File : BF089124.D
 Acq On : 19 Jul 2016 18:10
 Operator : UM/SJ
 Sample : H4025-01MS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-60-071116MS

Quant Time: Jul 20 02:15:20 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 19 15:28:17 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.63	152	54204	20.00	ng	0.00
21) Naphthalene-d8	7.91	136	204890	20.00	ng	0.00
38) Acenaphthene-d10	9.66	164	87392	20.00	ng	0.00
63) Phenanthrene-d10	11.13	188	143098	20.00	ng	0.00
75) Chrysene-d12	13.75	240	89985	20.00	ng	-0.01
86) Perylene-d12	15.11	264	88674	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.23	112	421303	116.49	ng	0.02
7) Phenol-d6	6.28	99	470709	100.72	ng	0.00
23) Nitrobenzene-d5	7.20	82	359595	91.97	ng	0.00
41) 2,4,6-Tribromophenol	10.44	330	81585	100.53	ng	0.00
44) 2-Fluorobiphenyl	8.99	172	645706	116.71	ng	0.00
78) Terphenyl-d14	12.71	244	384832	95.25	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.25	88	41082	22.91	ng	# 87
4) n-Nitrosodimethylamine	2.79	42	55886	28.11	ng	100
8) 2-Chlorophenol	6.41	128	151232	38.91	ng	96
9) Benzaldehyde	6.17	77	52366	16.54	ng	94
10) Phenol	6.30	94	135270	25.36	ng	77
11) bis(2-Chloroethyl)ether	6.38	93	155117	39.00	ng	# 84
12) 1,3-Dichlorobenzene	6.80	146	157834	36.90	ng	96
13) 1,4-Dichlorobenzene	6.64	146	149933	35.31	ng	94
14) 1,2-Dichlorobenzene	6.80	146	157847	39.72	ng	95
15) Benzyl Alcohol	6.78	79	127224	36.99	ng	90
16) 2,2'-oxybis(1-Chloropropan	6.91	45	174163	30.24	ng	# 33
17) 2-Methylphenol	6.90	107	118993	37.52	ng	# 92
18) Hexachloroethane	7.13	117	51409	31.30	ng	# 79
19) n-Nitroso-di-n-propylamine	7.06	70	121761	38.79	ng	# 84
20) 3+4-Methylphenols	7.06	107	153877	40.43	ng	# 78
22) Acetophenone	7.05	105	235537	47.36	ng	97
24) Nitrobenzene	7.21	77	163587	41.50	ng	# 79
25) Isophorone	7.46	82	312950	43.21	ng	97
26) 2-Nitrophenol	7.53	139	72012	44.55	ng	# 95
27) 2,4-Dimethylphenol	7.59	122	134081	39.82	ng	88
28) bis(2-Chloroethoxy)methane	7.68	93	205989	43.71	ng	# 97
29) 2,4-Dichlorophenol	7.78	162	127472	46.85	ng	99
30) 1,2,4-Trichlorobenzene	7.86	180	132332	44.32	ng	97
31) Naphthalene	7.93	128	437436	43.31	ng	99
32) Benzoic acid	7.72	122	59111	24.18	ng	89
33) 4-Chloroaniline	7.99	127	26865	5.98	ng	99
34) Hexachlorobutadiene	8.06	225	72985	45.65	ng	99
35) Caprolactam	8.41	113	21432	23.19	ng	90
36) 4-Chloro-3-methylphenol	8.49	107	139210	43.26	ng	93
37) 2-Methylnaphthalene	8.63	142	300353	46.18	ng	# 96
39) 1,2,4,5-Tetrachlorobenzene	8.79	216	111124	38.23	ng	# 1
40) Hexachlorocyclopentadiene	8.78	237	21675	15.19	ng	99
42) 2,4,6-Trichlorophenol	8.91	196	81143	42.34	ng	99
43) 2,4,5-Trichlorophenol	8.96	196	88152	53.46	ng	96

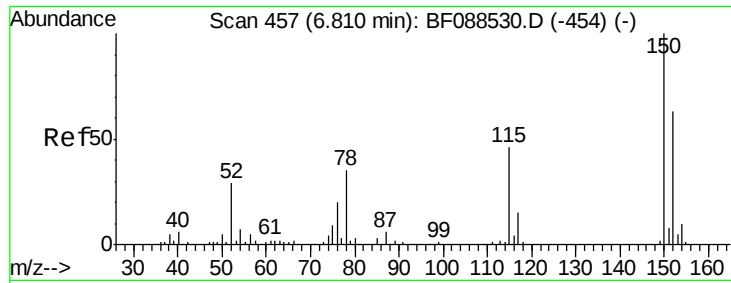
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1'-Biphenyl	9.08	154	310602	42.92	ng	99
46) 2-Chloronaphthalene	9.11	162	244576	43.05	ng	98
47) 2-Nitroaniline	9.21	65	87448	43.37	ng	98
48) Acenaphthylene	9.52	152	374131	41.39	ng	99
49) Dimethylphthalate	9.39	163	314226	50.47	ng	99
50) 2,6-Dinitrotoluene	9.46	165	69190	50.14	ng	95
51) Acenaphthene	9.69	154	222475	40.15	ng	97
52) 3-Nitroaniline	9.62	138	50341	28.70	ng	89
53) 2,4-Dinitrophenol	9.74	184	9420	15.46	ng #	86
54) Dibenzofuran	9.86	168	324146	44.69	ng #	87
55) 4-Nitrophenol	9.80	139	73305	54.99	ng	94
56) 2,4-Dinitrotoluene	9.86	165	89421	49.56	ng #	63
57) Fluorene	10.20	166	275696	49.33	ng	97
58) 2,3,4,6-Tetrachlorophenol	9.99	232	59445	46.60	ng #	48
59) Diethylphthalate	10.09	149	298095	47.71	ng	97
60) 4-Chlorophenyl-phenylether	10.20	204	127469	49.09	ng #	88
61) 4-Nitroaniline	10.23	138	53522	31.71	ng #	76
62) Azobenzene	10.35	77	316128	44.36	ng	92
64) 4,6-Dinitro-2-methylphenol	10.26	198	9253	12.09	ng	84
65) n-Nitrosodiphenylamine	10.32	169	222285	45.90	ng	100
66) 4-Bromophenyl-phenylether	10.69	248	71206	49.38	ng #	81
67) Hexachlorobenzene	10.75	284	69680	43.65	ng #	79
68) Atrazine	10.86	200	78761	52.19	ng	94
69) Pentachlorophenol	10.95	266	58044	61.44	ng	97
70) Phenanthrene	11.15	178	321236	41.07	ng	98
71) Anthracene	11.21	178	370178	47.59	ng	98
72) Carbazole	11.37	167	293890	40.15	ng	97
73) Di-n-butylphthalate	11.70	149	415839	48.83	ng #	99
74) Fluoranthene	12.33	202	286338	36.11	ng	97
77) Pyrene	12.56	202	318377	41.73	ng	98
79) Butylbenzylphthalate	13.19	149	146711	43.11	ng #	76
80) Benzo(a)anthracene	13.75	228	265372	45.80	ng	97
81) 3,3'-Dichlorobenzidine	13.71	252	75731	34.76	ng #	99
82) Chrysene	13.78	228	265945	46.39	ng	96
83) Bis(2-ethylhexyl)phthalate	13.76	149	215625	55.50	ng #	98
84) Di-n-octyl phthalate	14.37	149	380799	57.69	ng #	100
85) Indeno(1,2,3-cd)pyrene	16.34	276	196316	44.51	ng #	100
87) Benzo(b)fluoranthene	14.77	252	480433	86.37	ng #	96
88) Benzo(k)fluoranthene	14.77	252	480433	99.21	ng	99
89) Benzo(a)pyrene	15.05	252	216184	45.90	ng	98
90) Dibenzo(a,h)anthracene	16.35	278	168025	42.72	ng	98
91) Benzo(g,h,i)perylene	16.72	276	153804	37.79	ng	94

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.63 min Scan# 441

Delta R.T. 0.00 min

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HSR-WC-60-071116MS

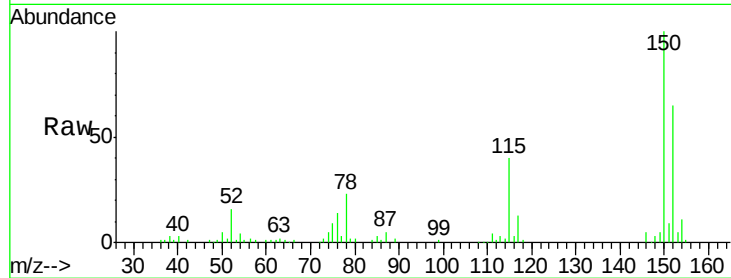
Tgt Ion:152 Resp: 54204

Ion Ratio Lower Upper

152 100

150 153.9 123.8 185.6

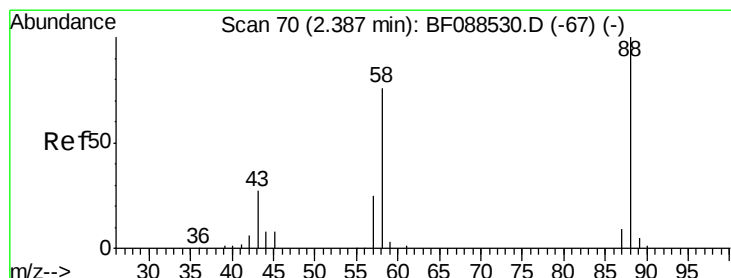
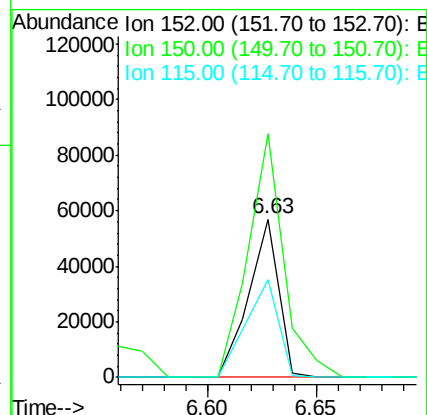
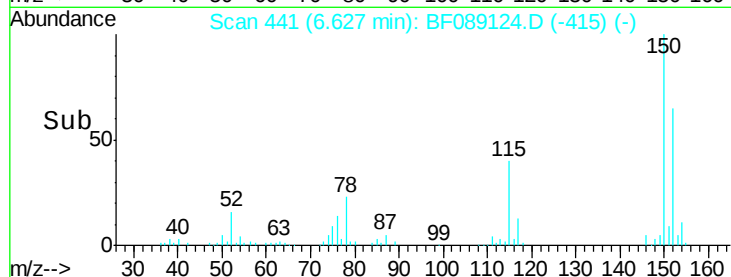
115 62.0 39.6 59.4#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 22.91 ng

RT: 2.25 min Scan# 58

Delta R.T. 0.18 min

Lab File: BF089124.D

Acq: 19 Jul 2016 18:10

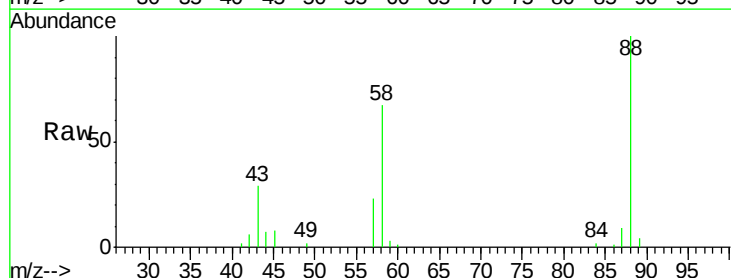
Tgt Ion: 88 Resp: 41082

Ion Ratio Lower Upper

88 100

58 68.9 0.0 0.0#

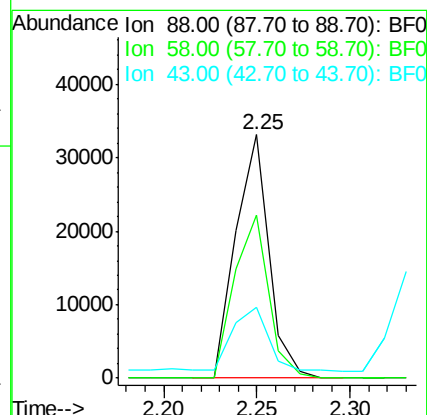
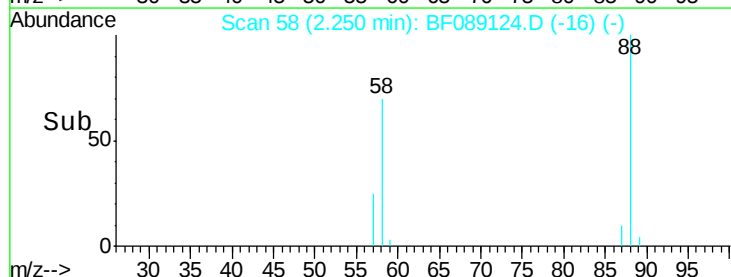
43 0.0 3.4 5.2#

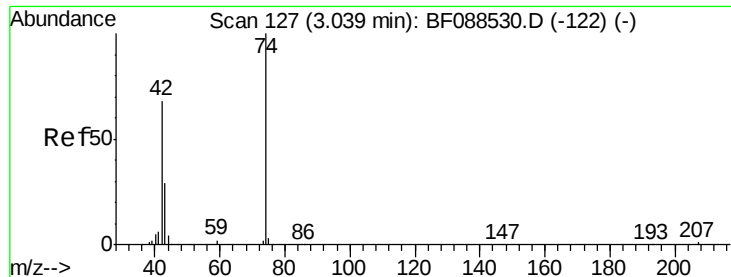


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#4

n-Nitrosodimethylamine

Concen: 28.11 ng

RT: 2.79 min Scan# 105

Delta R.T. 0.13 min

Lab File: BF089124.D

Acq: 19 Jul 2016 18:10

Instrument :

BNA_F

ClientSampleId :

HSR-WC-60-071116MS

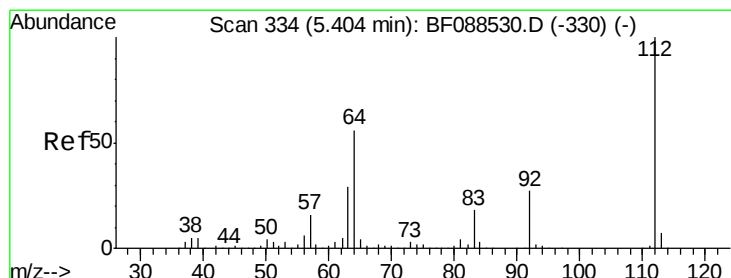
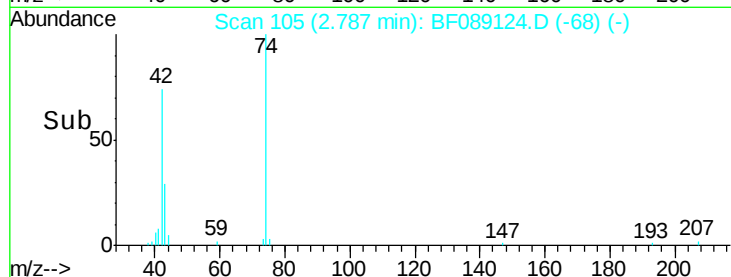
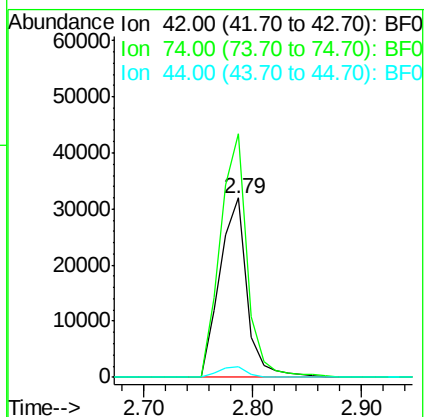
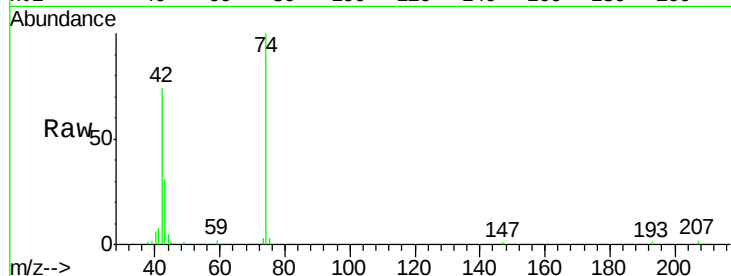
Tgt Ion: 42 Resp: 55886

Ion Ratio Lower Upper

42 100

74 135.7 108.6 163.0

44 6.1 5.5 8.3



#5

2-Fluorophenol

Concen: 116.49 ng

RT: 5.23 min Scan# 319

Delta R.T. 0.02 min

Lab File: BF089124.D

Acq: 19 Jul 2016 18:10

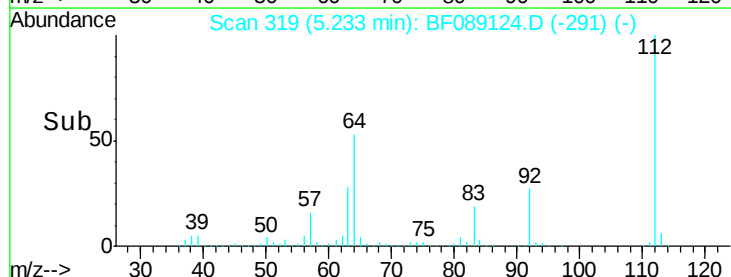
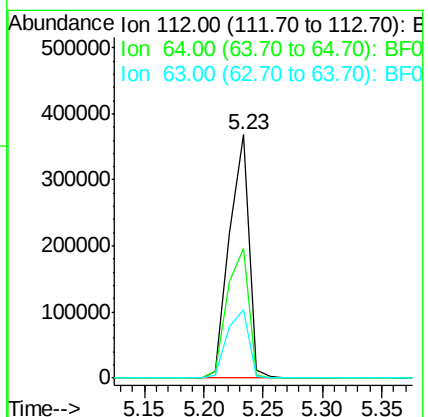
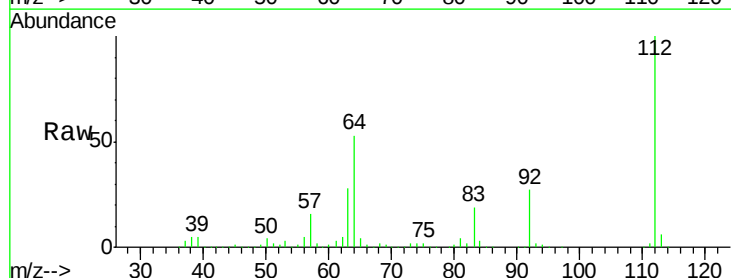
Tgt Ion: 112 Resp: 421303

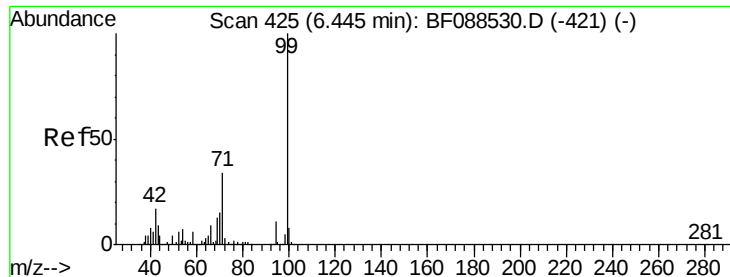
Ion Ratio Lower Upper

112 100

64 53.1 42.2 63.2

63 28.1 21.8 32.8





#7

Phenol-d6

Concen: 100.72 ng

RT: 6.28 min Scan# 411

Delta R.T. 0.00 min

Lab File: BF089124.D

Acq: 19 Jul 2016 18:10

Instrument :

BNA_F

ClientSampleId :

HSR-WC-60-071116MS

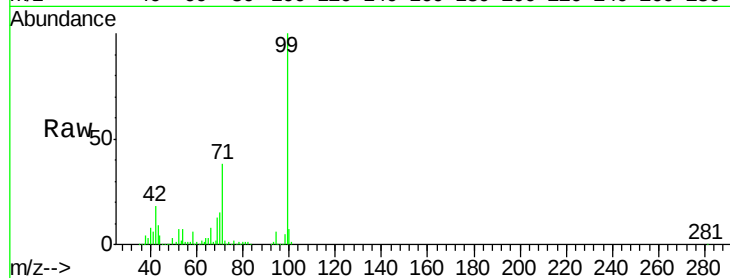
Tgt Ion: 99 Resp: 470709

Ion Ratio Lower Upper

99 100

42 18.1 12.2 18.2

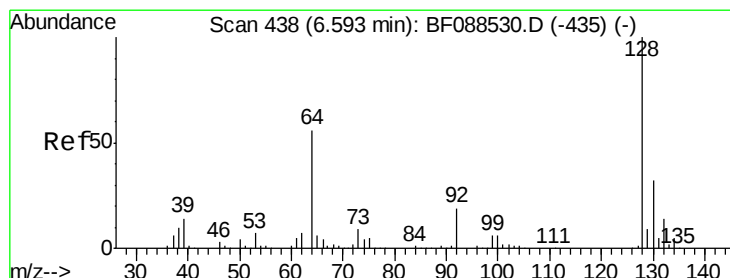
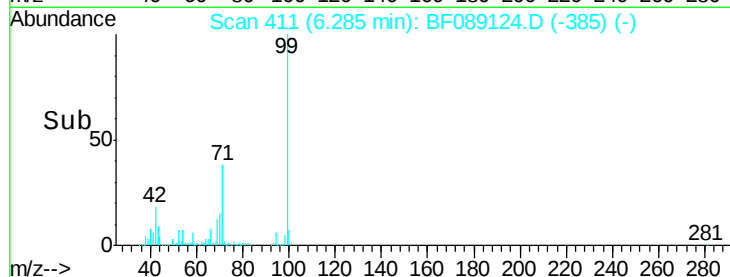
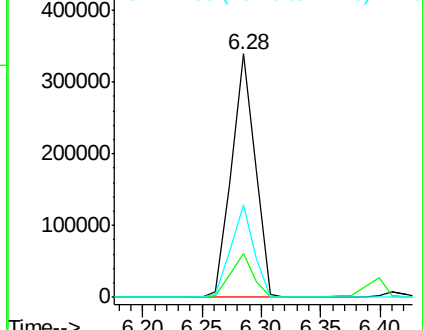
71 38.1 23.4 35.0#



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 38.91 ng

RT: 6.41 min Scan# 422

Delta R.T. 0.00 min

Lab File: BF089124.D

Acq: 19 Jul 2016 18:10

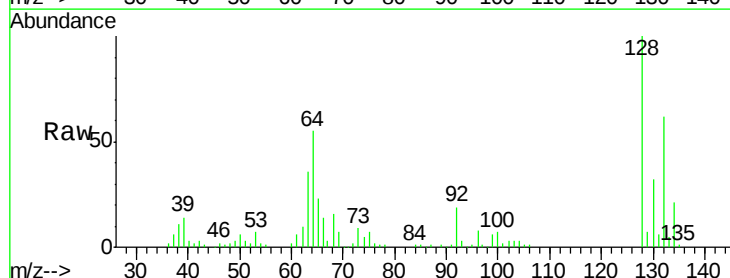
Tgt Ion: 128 Resp: 151232

Ion Ratio Lower Upper

128 100

130 32.1 12.0 52.0

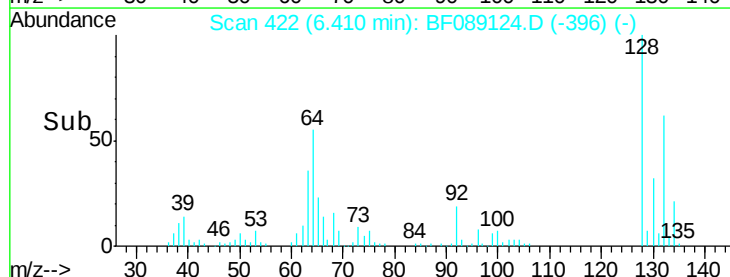
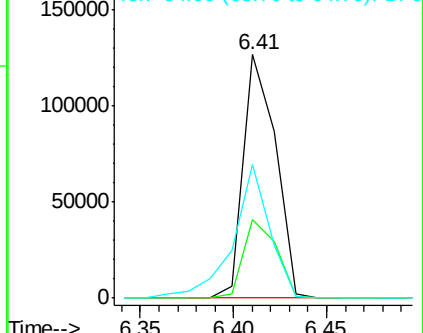
64 54.8 30.8 70.8

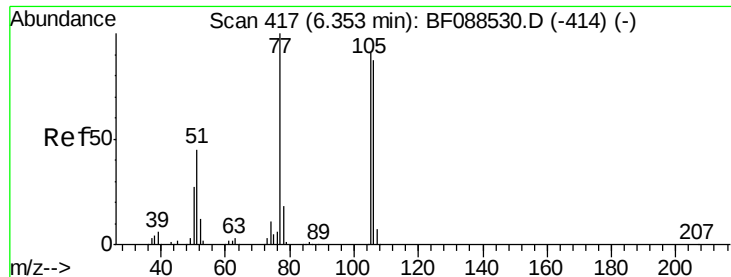


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 16.54 ng

RT: 6.17 min Scan# 401

Delta R.T. 0.01 min

Lab File: BF089124.D

Acq: 19 Jul 2016 18:10

Instrument :

BNA_F

ClientSampleId :

HSR-WC-60-071116MS

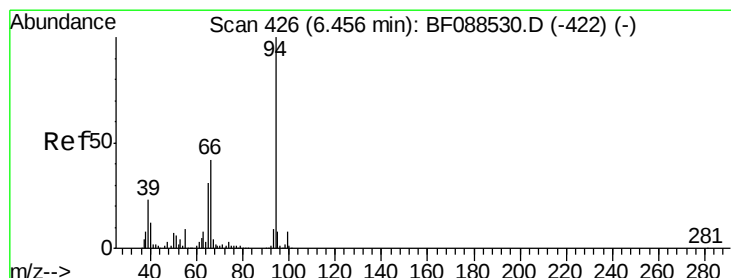
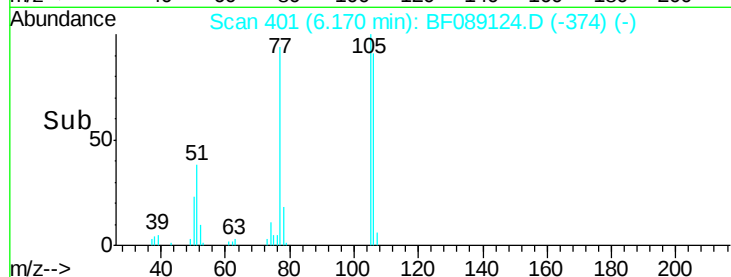
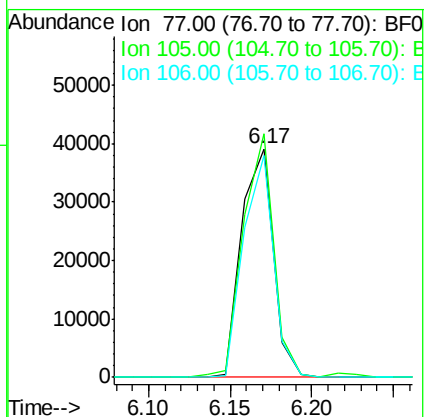
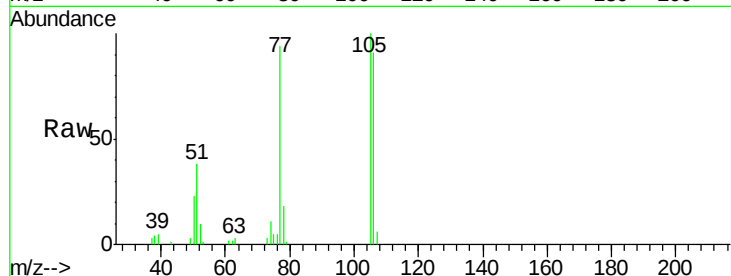
Tgt Ion: 77 Resp: 52366

Ion Ratio Lower Upper

77 100

105 106.6 90.6 130.6

106 97.1 85.3 125.3



#10

Phenol

Concen: 25.36 ng

RT: 6.30 min Scan# 412

Delta R.T. 0.00 min

Lab File: BF089124.D

Acq: 19 Jul 2016 18:10

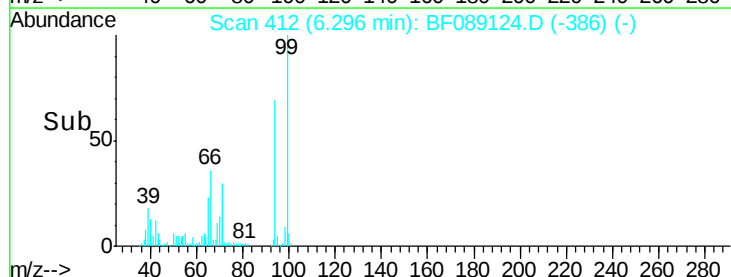
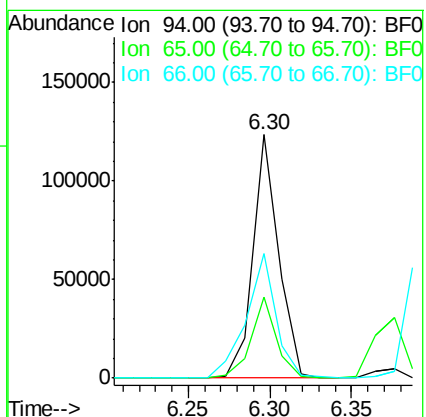
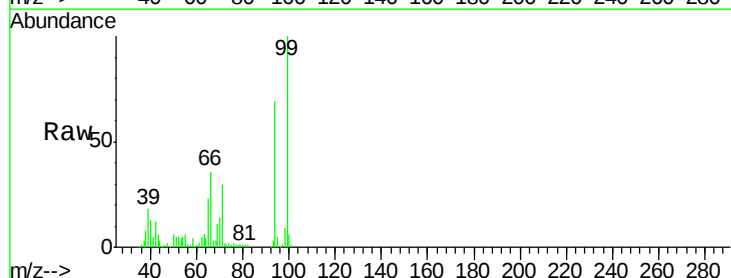
Tgt Ion: 94 Resp: 135270

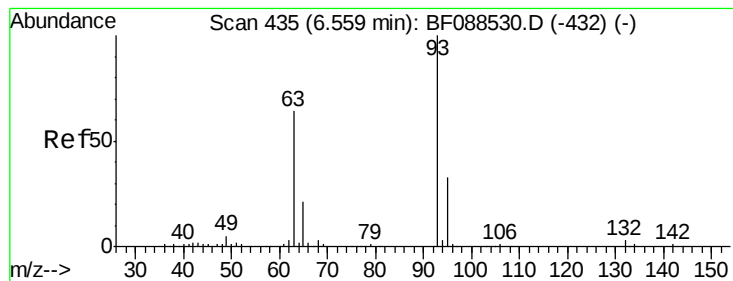
Ion Ratio Lower Upper

94 100

65 33.4 5.9 45.9

66 51.3 14.0 54.0

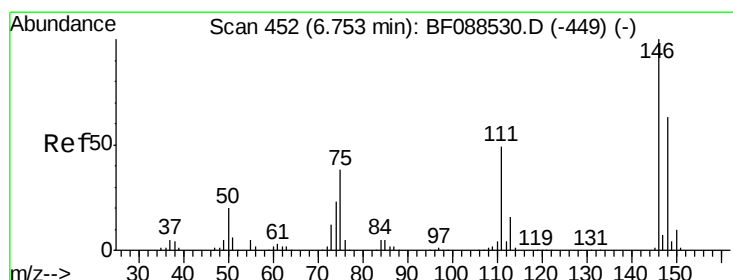
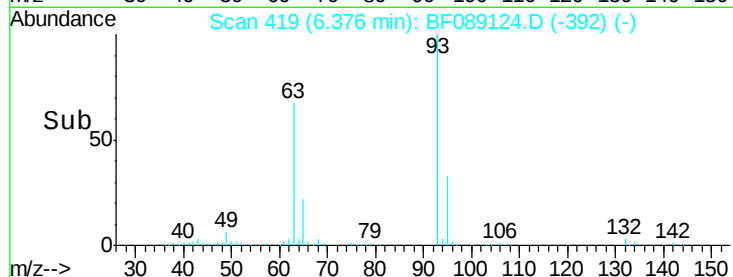
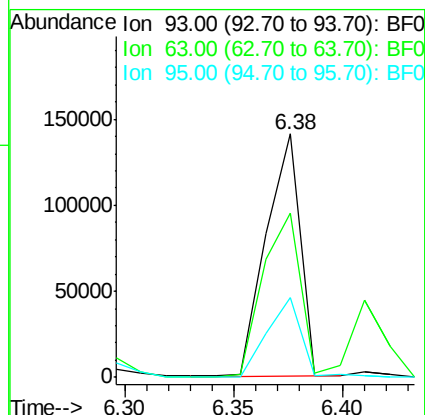
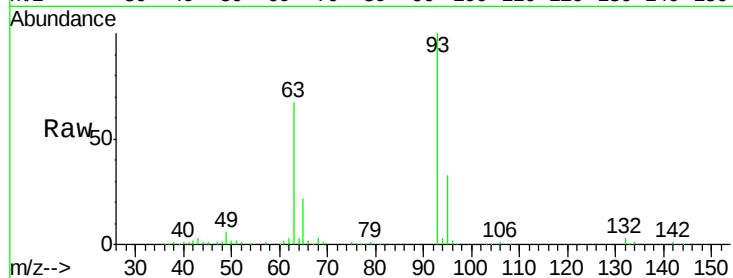




#11
bis(2-Chloroethyl)ether
Concen: 39.00 ng
RT: 6.38 min Scan# 419
Delta R.T. 0.01 min
Lab File: BF089124.D
Acq: 19 Jul 2016 18:10

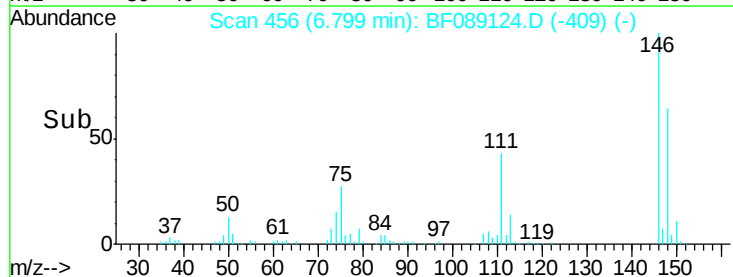
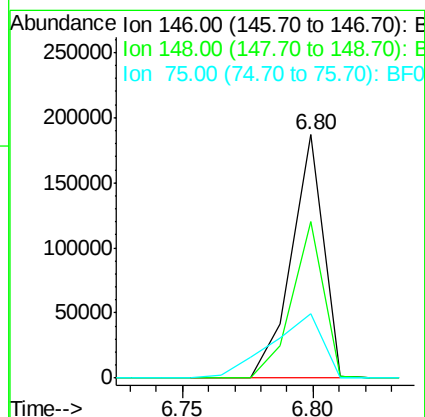
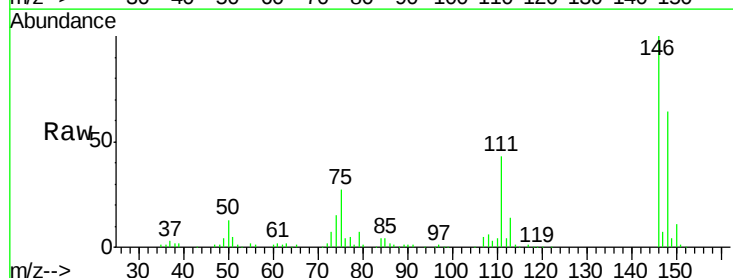
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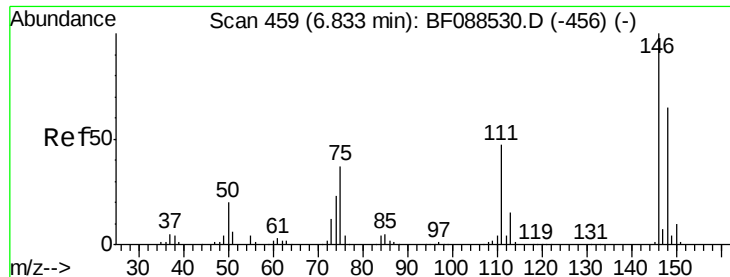
Tgt Ion: 93 Resp: 155117
Ion Ratio Lower Upper
93 100
63 67.5 67.6 107.6#
95 32.5 12.5 52.5



#12
1,3-Dichlorobenzene
Concen: 36.90 ng
RT: 6.80 min Scan# 456
Delta R.T. 0.24 min
Lab File: BF089124.D
Acq: 19 Jul 2016 18:10

Tgt Ion: 146 Resp: 157834
Ion Ratio Lower Upper
146 100
148 64.1 50.9 76.3
75 26.6 25.6 38.4

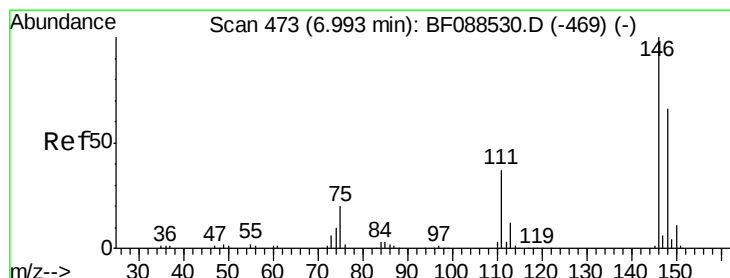
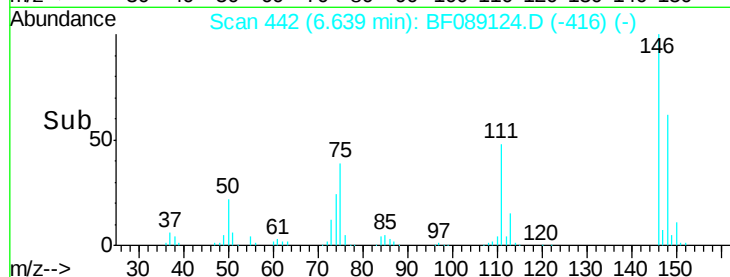
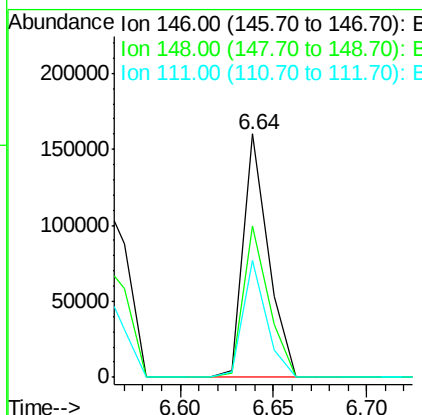
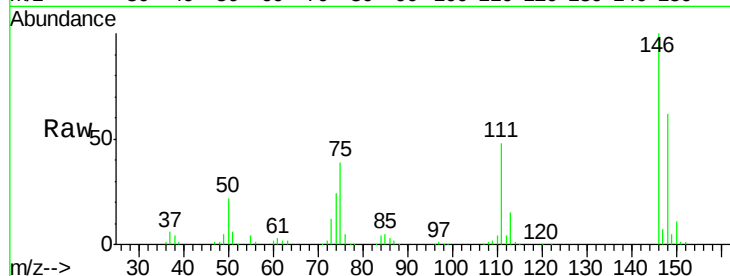




#13
 1,4-Dichlorobenzene
 Concen: 35.31 ng
 RT: 6.64 min Scan# 442
 Delta R.T. 0.00 min
 Lab File: BF089124.D
 Acq: 19 Jul 2016 18:10

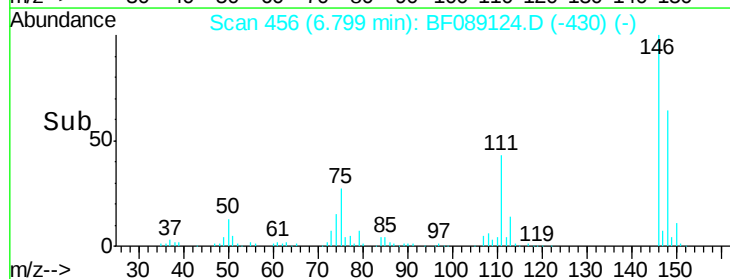
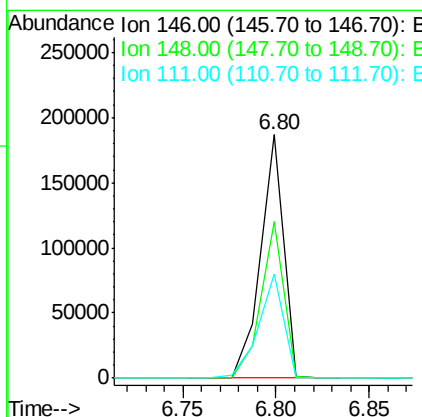
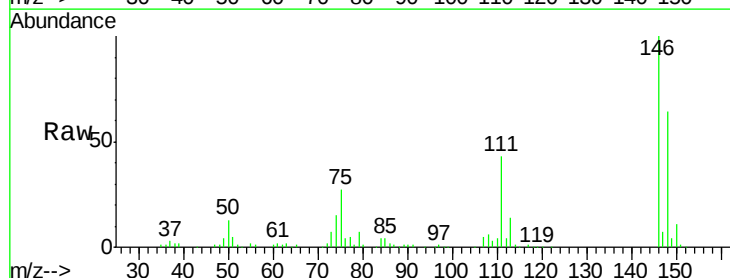
Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-60-071116MS

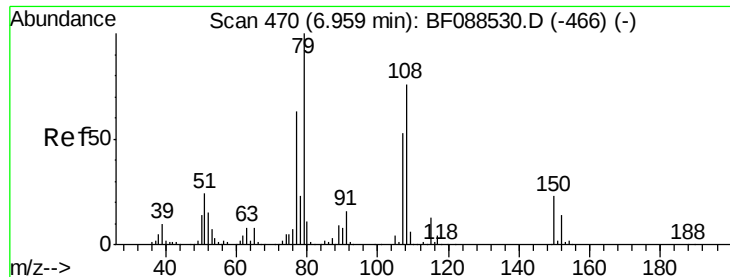
Tgt Ion:146 Resp: 149933
 Ion Ratio Lower Upper
 146 100
 148 62.1 52.0 78.0
 111 48.1 33.8 50.8



#14
 1,2-Dichlorobenzene
 Concen: 39.72 ng
 RT: 6.80 min Scan# 456
 Delta R.T. 0.00 min
 Lab File: BF089124.D
 Acq: 19 Jul 2016 18:10

Tgt Ion:146 Resp: 157847
 Ion Ratio Lower Upper
 146 100
 148 64.1 52.3 78.5
 111 42.6 28.7 43.1





#15

Benzyl Alcohol

Concen: 36.99 ng

RT: 6.78 min Scan# 454

Delta R.T. 0.00 min

Lab File: BF089124.D

Acq: 19 Jul 2016 18:10

Instrument :

BNA_F

ClientSampleId :

HSR-WC-60-071116MS

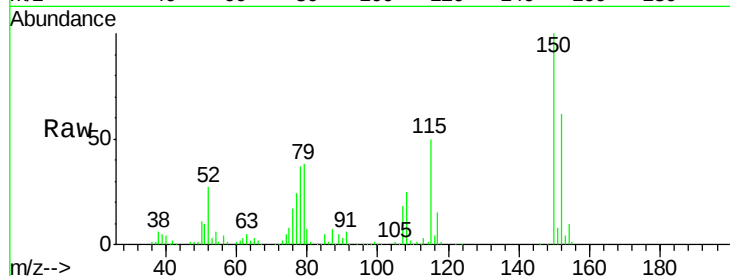
Tgt Ion: 79 Resp: 127224

Ion Ratio Lower Upper

79 100

108 65.9 65.0 97.6

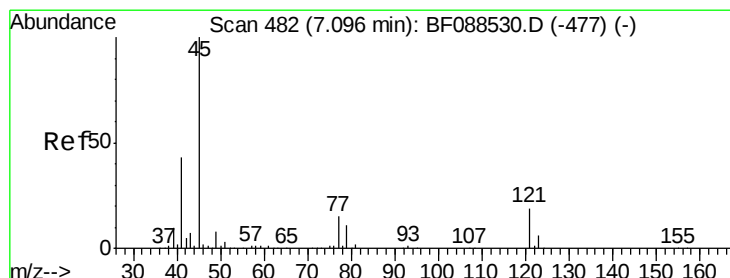
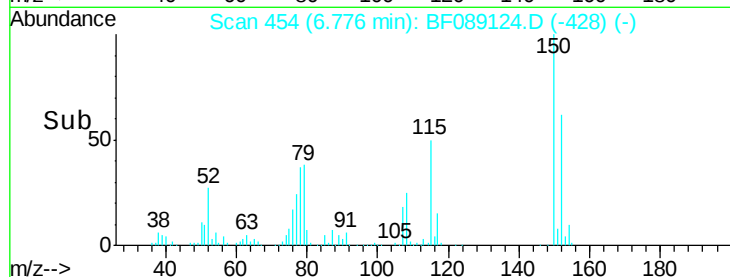
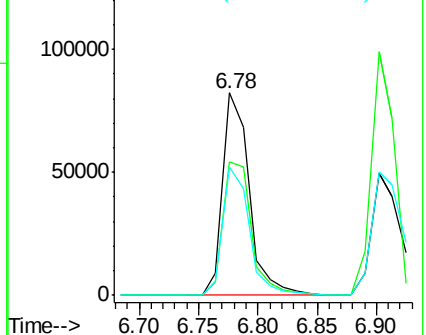
77 63.7 50.3 75.5



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 30.24 ng

RT: 6.91 min Scan# 466

Delta R.T. 0.00 min

Lab File: BF089124.D

Acq: 19 Jul 2016 18:10

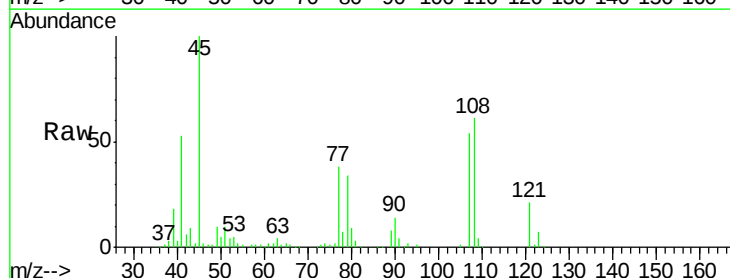
Tgt Ion: 45 Resp: 174163

Ion Ratio Lower Upper

45 100

77 38.3 0.0 32.5#

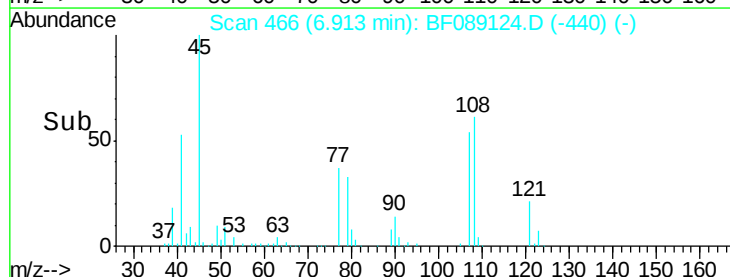
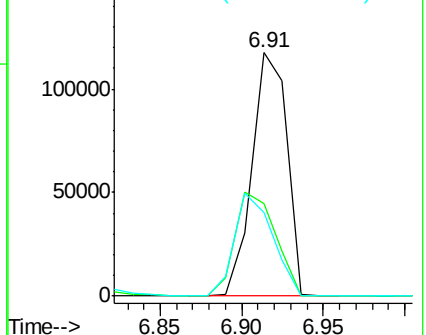
79 34.3 0.0 29.5#

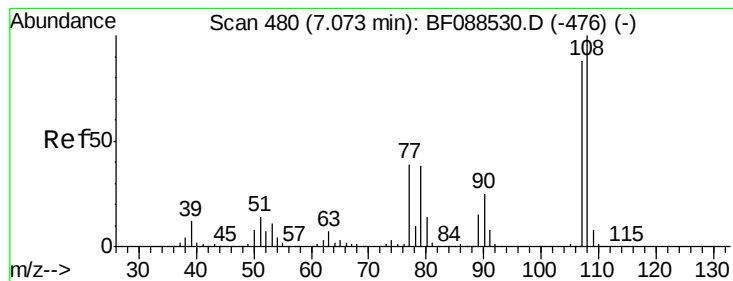


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0





#17

2-Methylphenol

Concen: 37.52 ng

RT: 6.90 min Scan# 465

Delta R.T. 0.00 min

Lab File: BF089124.D

Acq: 19 Jul 2016 18:10

Instrument :

BNA_F

ClientSampleId :

HSR-WC-60-071116MS

Tgt Ion:107 Resp: 118993

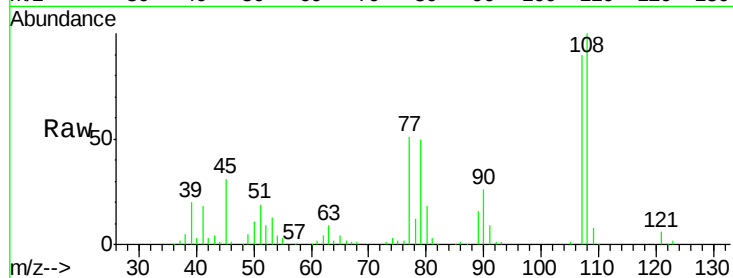
Ion Ratio Lower Upper

107 100

108 110.9 90.9 136.3

77 56.3 36.6 55.0#

79 55.5 36.5 54.7#

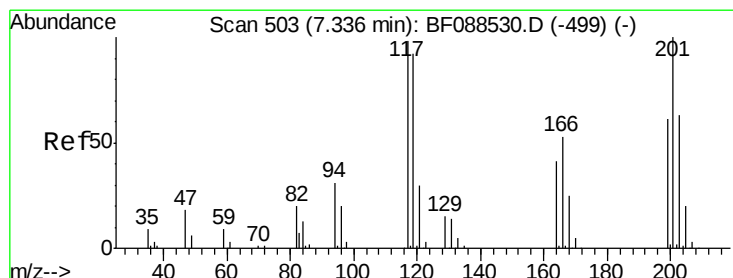
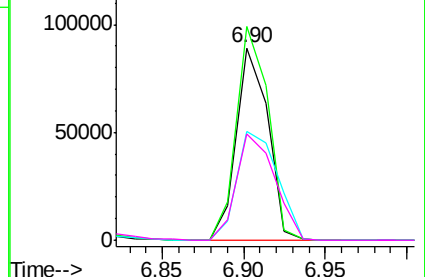
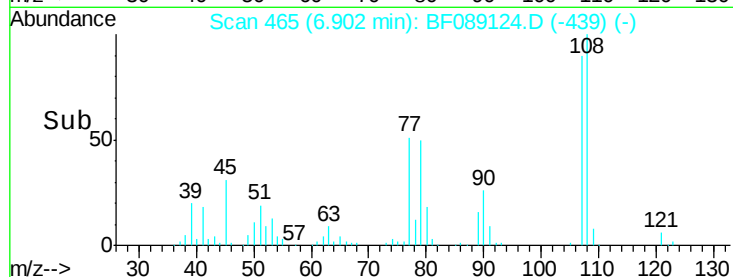


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 31.30 ng

RT: 7.13 min Scan# 485

Delta R.T. -0.01 min

Lab File: BF089124.D

Acq: 19 Jul 2016 18:10

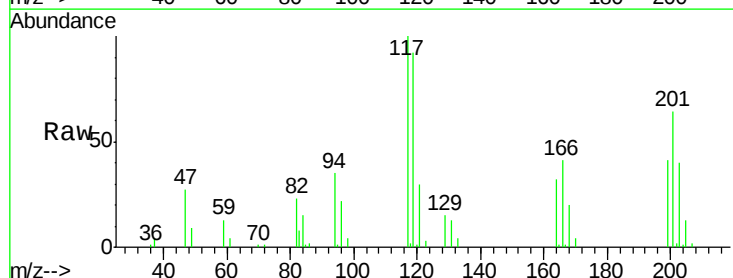
Tgt Ion:117 Resp: 51409

Ion Ratio Lower Upper

117 100

119 92.0 77.4 116.2

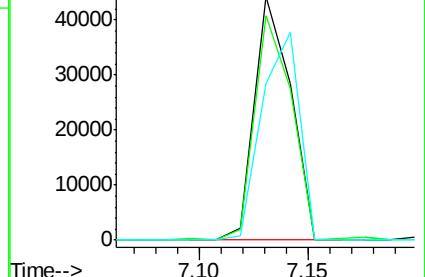
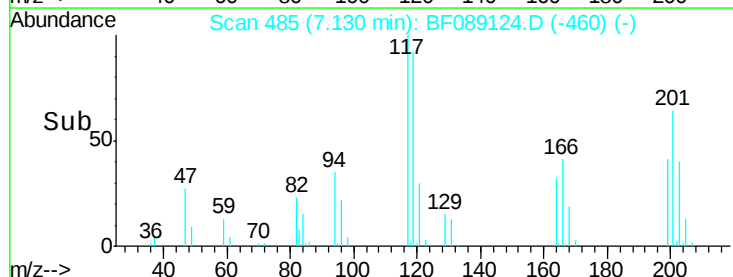
201 64.1 80.4 120.6#

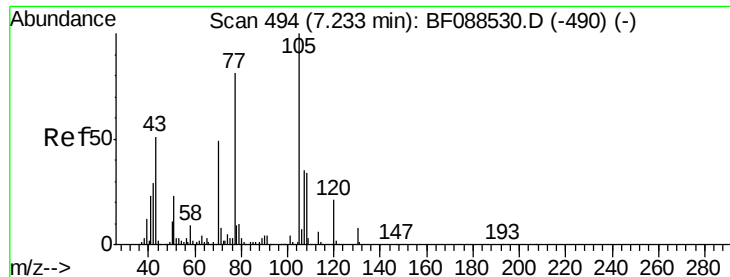


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

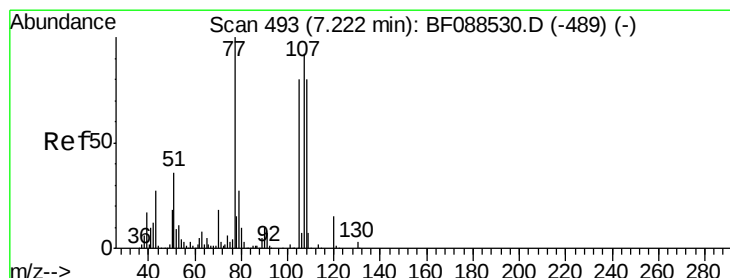
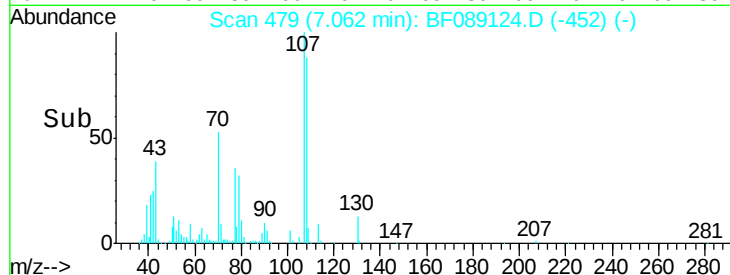
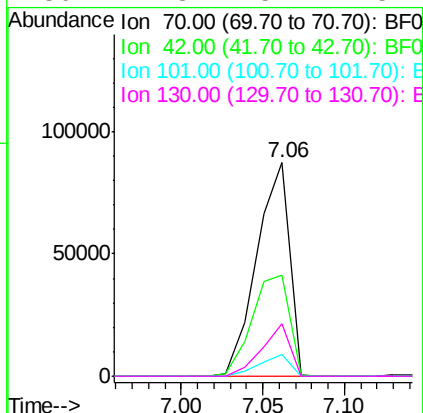
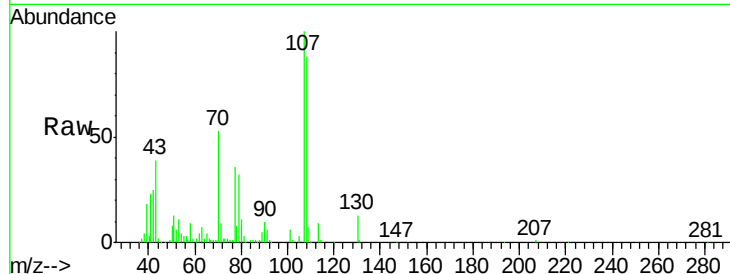




#19
n-Nitroso-di-n-propylamine
Concen: 38.79 ng
RT: 7.06 min Scan# 479
Delta R.T. 0.01 min
Lab File: BF089124.D
Acq: 19 Jul 2016 18:10

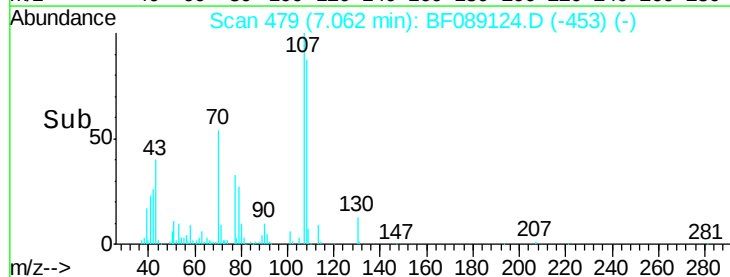
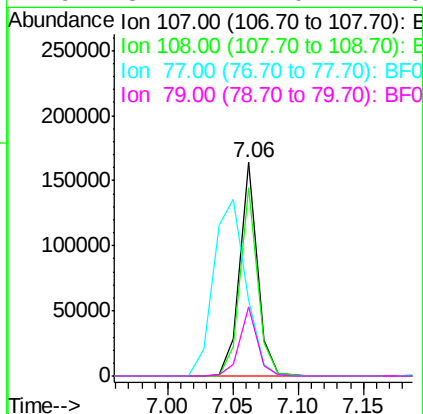
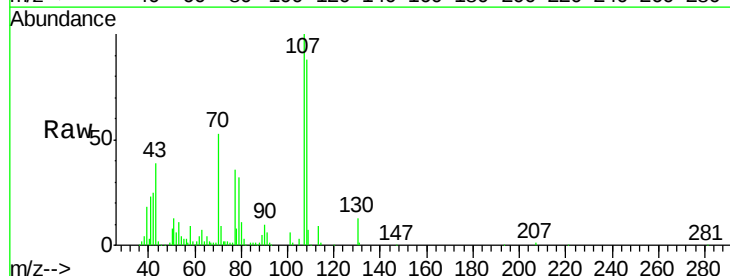
Instrument :
BNA_F
ClientSampleId :
HSR-WC-60-071116MS

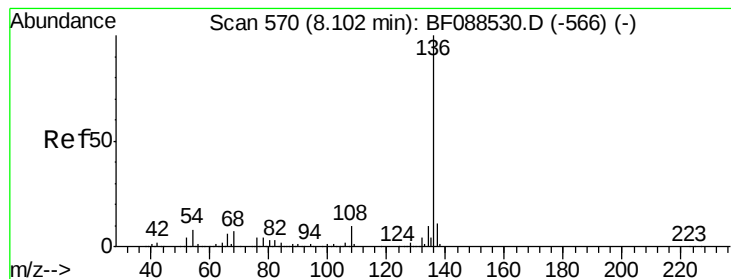
Tgt Ion: 70 Resp: 121761
Ion Ratio Lower Upper
70 100
42 47.6 49.6 74.4#
101 10.4 7.1 10.7
130 24.3 15.4 23.2#



#20
3+4-Methylphenols
Concen: 40.43 ng
RT: 7.06 min Scan# 479
Delta R.T. 0.00 min
Lab File: BF089124.D
Acq: 19 Jul 2016 18:10

Tgt Ion: 107 Resp: 153877
Ion Ratio Lower Upper
107 100
108 87.9 67.8 107.8
77 35.6 59.3 99.3#
79 32.1 7.0 47.0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.91 min Scan# 553

Delta R.T. 0.00 min

Lab File: BF089124.D

Acq: 19 Jul 2016 18:10

Instrument :

BNA_F

ClientSampleId :

HSR-WC-60-071116MS

Tgt Ion:136 Resp: 204890

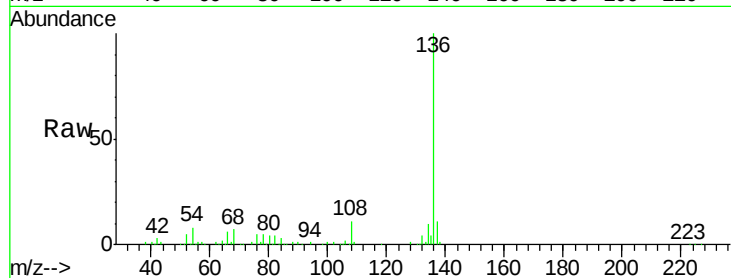
Ion Ratio Lower Upper

136 100

137 11.3 9.1 13.7

54 8.4 6.6 10.0

68 6.5 5.1 7.7

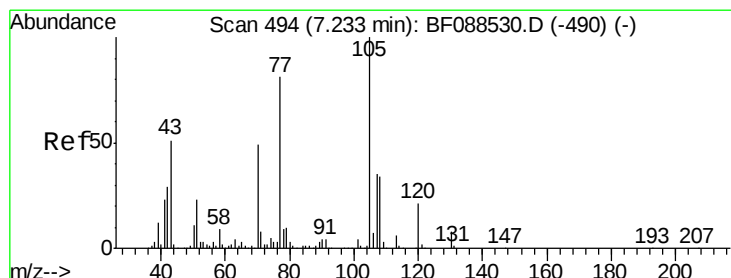
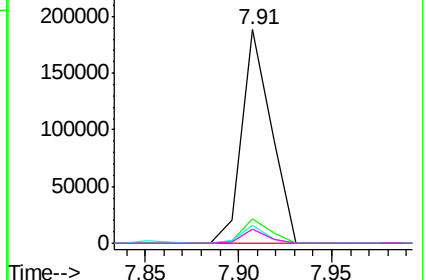
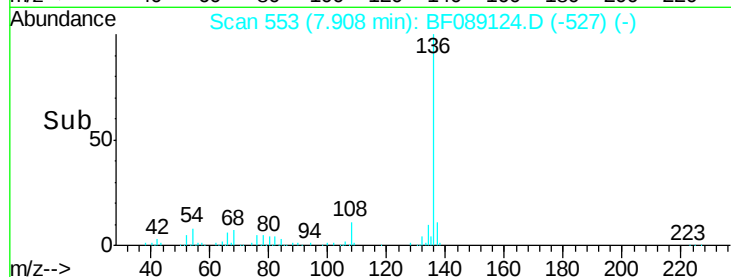


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 47.36 ng

RT: 7.05 min Scan# 478

Delta R.T. 0.00 min

Lab File: BF089124.D

Acq: 19 Jul 2016 18:10

Tgt Ion:105 Resp: 235537

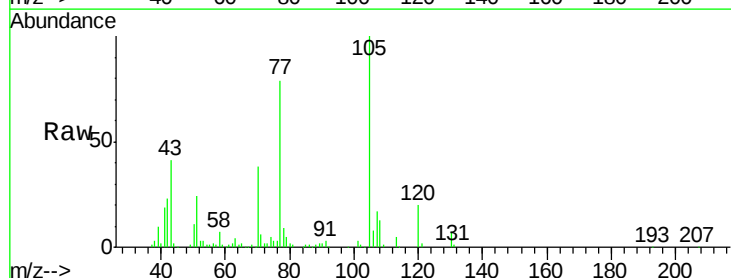
Ion Ratio Lower Upper

105 100

71 6.4 5.3 7.9

51 23.8 18.2 27.4

120 20.4 18.0 27.0

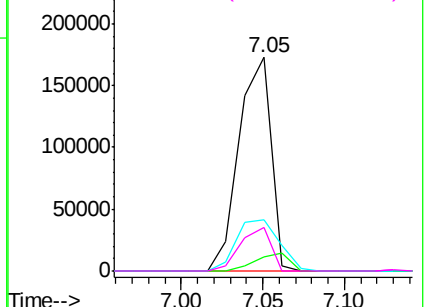
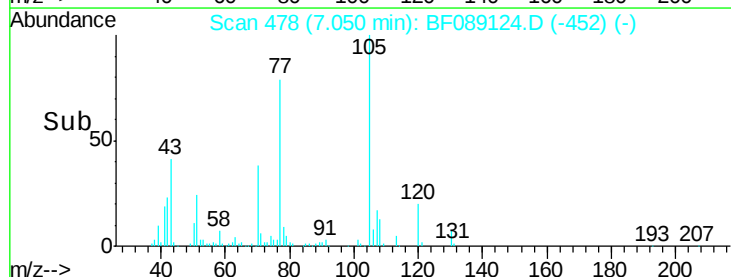


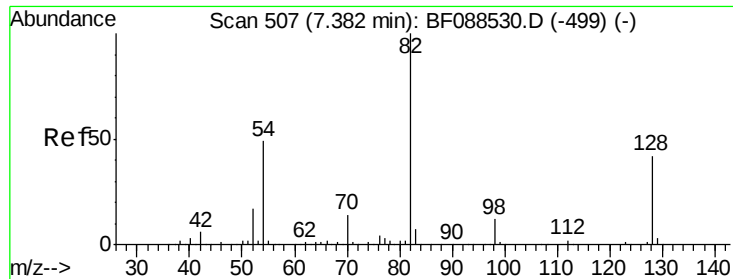
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

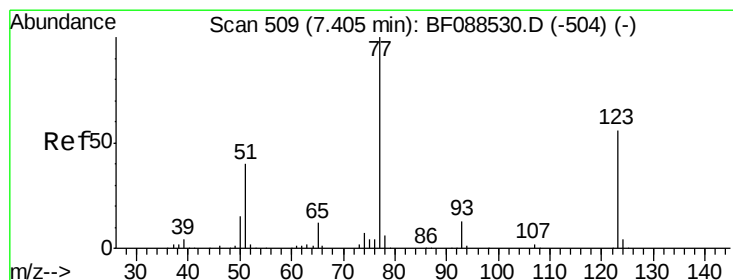
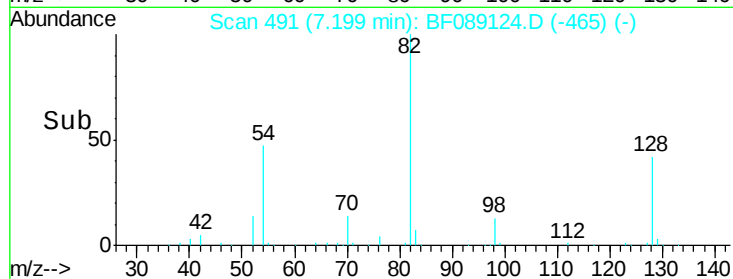
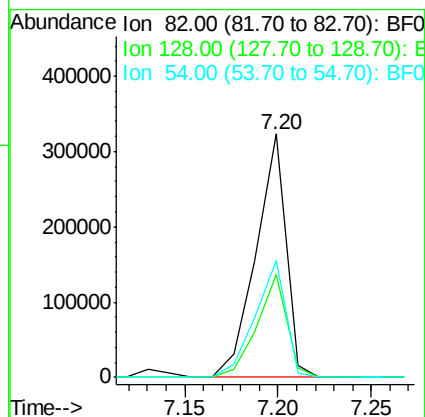
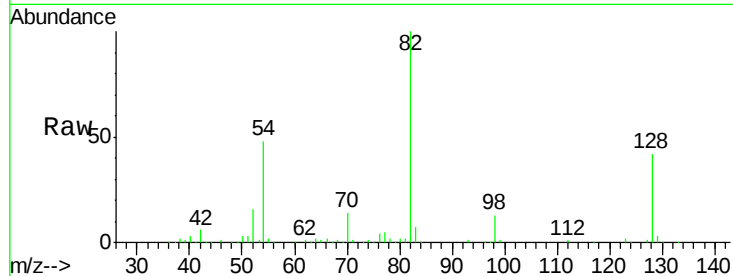




#23
 Nitrobenzene-d5
 Concen: 91.97 ng
 RT: 7.20 min Scan# 491
 Delta R.T. 0.00 min
 Lab File: BF089124.D
 Acq: 19 Jul 2016 18:10

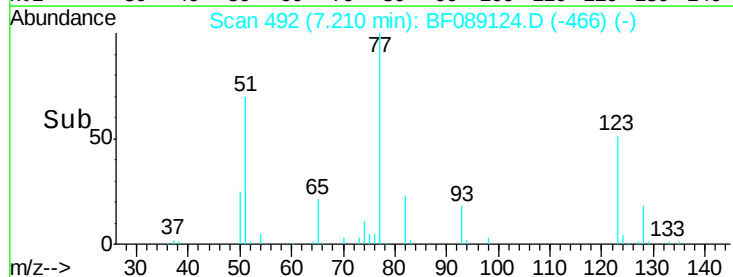
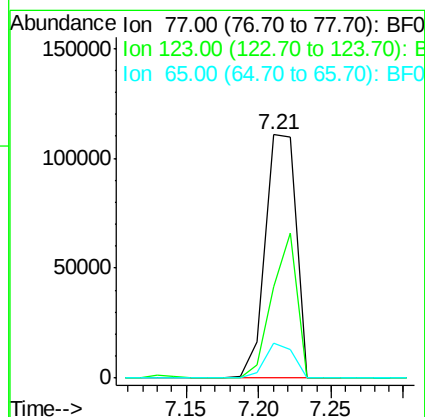
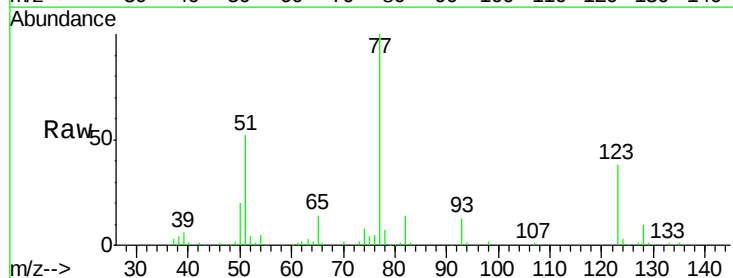
Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-60-071116MS

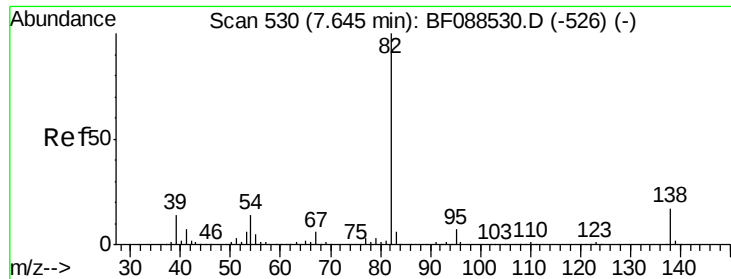
Tgt Ion	Ratio	Lower	Upper
82	100		
128	42.2	35.9	53.9
54	48.2	40.9	61.3



#24
 Nitrobenzene
 Concen: 41.50 ng
 RT: 7.21 min Scan# 492
 Delta R.T. 0.00 min
 Lab File: BF089124.D
 Acq: 19 Jul 2016 18:10

Tgt Ion	Ratio	Lower	Upper
77	100		
123	37.6	45.0	67.4#
65	14.2	10.2	15.2

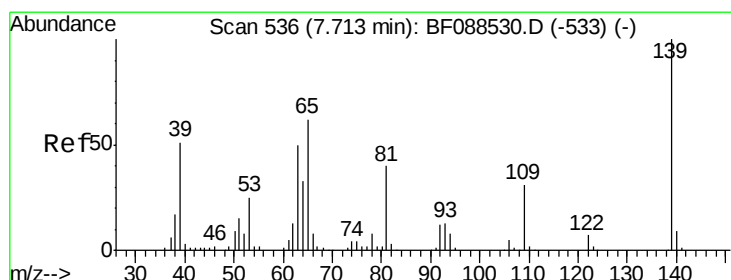
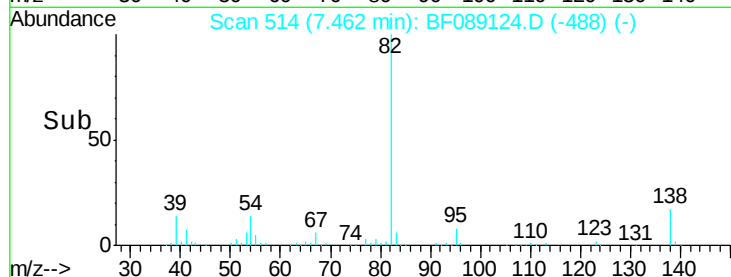
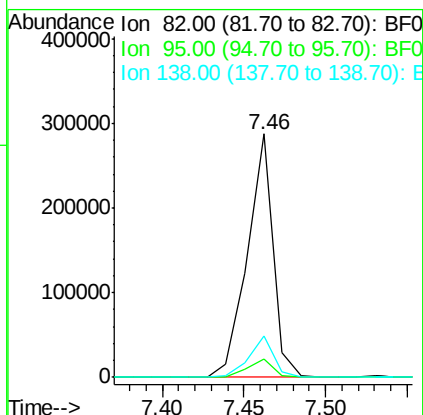
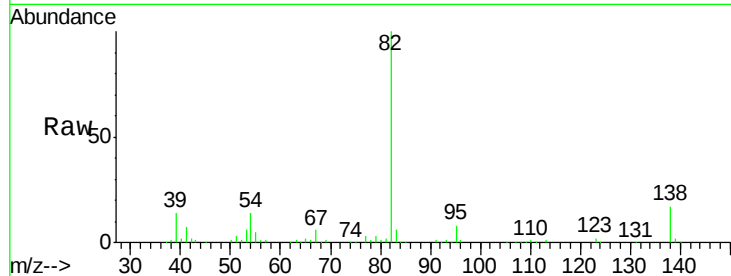




#25
Isophorone
Concen: 43.21 ng
RT: 7.46 min Scan# 514
Delta R.T. 0.00 min
Lab File: BF089124.D
Acq: 19 Jul 2016 18:10

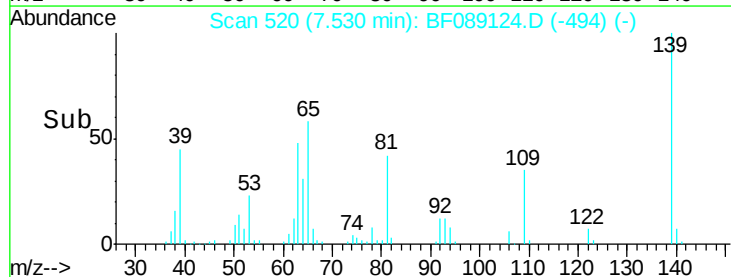
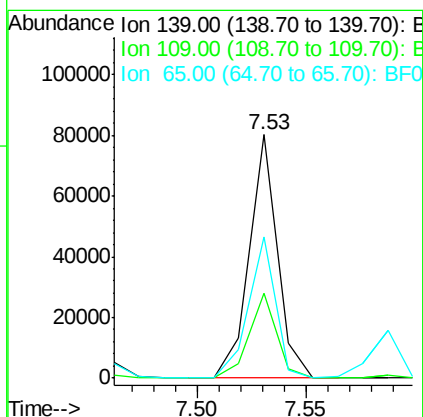
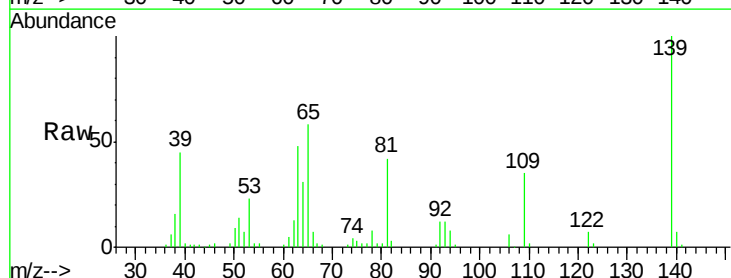
Instrument :
BNA_F
ClientSampleId :
HSR-WC-60-071116MS

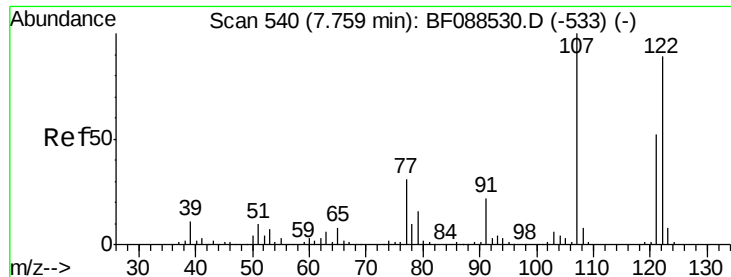
Tgt Ion: 82 Resp: 312950
Ion Ratio Lower Upper
82 100
95 7.7 5.4 8.2
138 16.8 14.6 21.8



#26
2-Nitrophenol
Concen: 44.55 ng
RT: 7.53 min Scan# 520
Delta R.T. 0.00 min
Lab File: BF089124.D
Acq: 19 Jul 2016 18:10

Tgt Ion: 139 Resp: 72012
Ion Ratio Lower Upper
139 100
109 34.8 23.0 34.4#
65 58.2 45.8 68.8

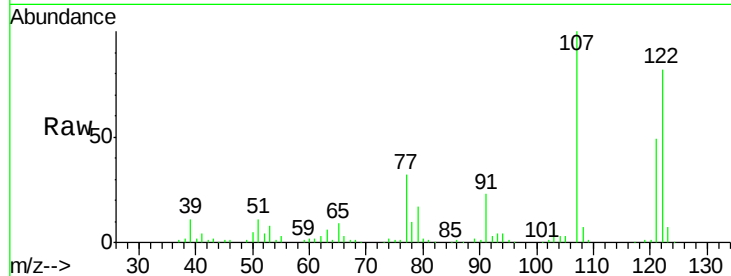




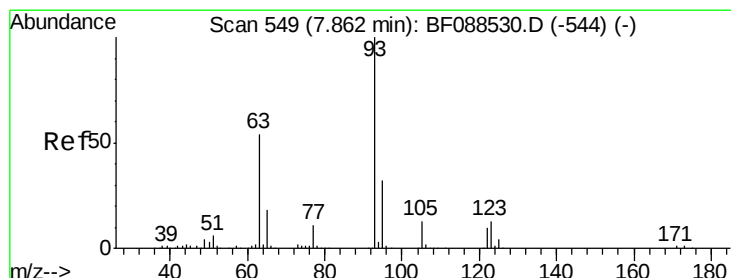
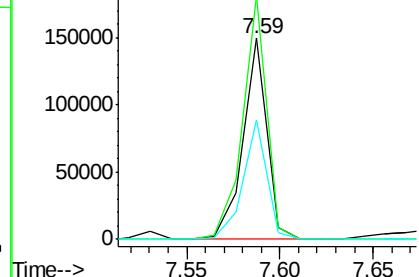
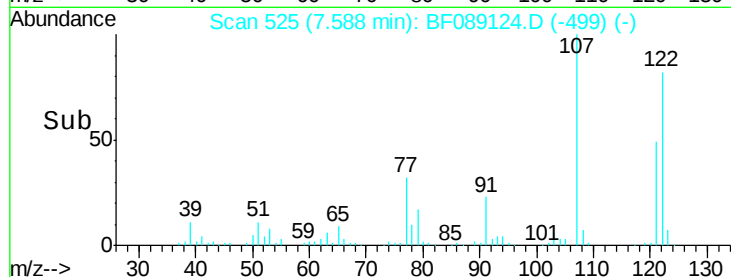
#27
2,4-Dimethylphenol
Concen: 39.82 ng
RT: 7.59 min Scan# 525
Delta R.T. 0.00 min
Lab File: BF089124.D
Acq: 19 Jul 2016 18:10

Instrument :
BNA_F
ClientSampleId :
HSR-WC-60-071116MS

Tgt Ion:122 Resp: 134081
Ion Ratio Lower Upper
122 100
107 121.3 82.4 123.6
121 59.3 46.3 69.5

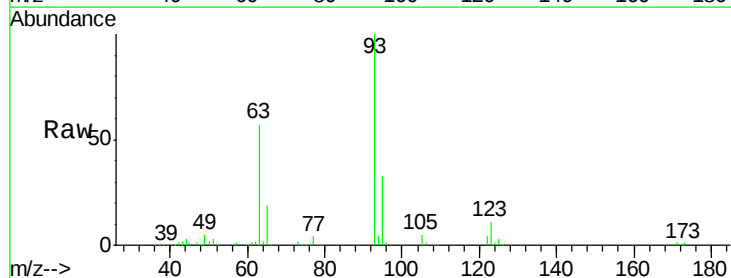


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

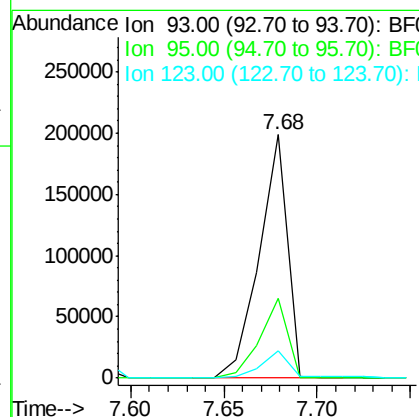
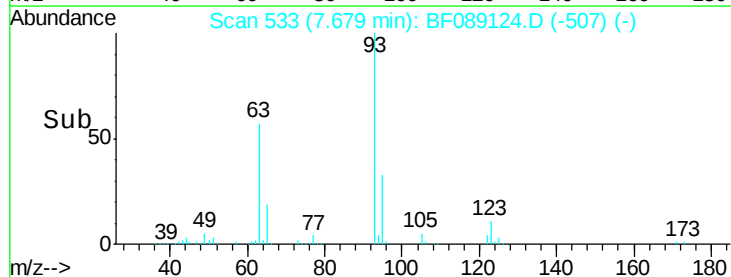


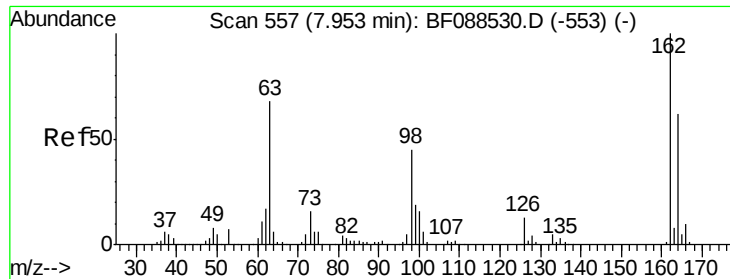
#28
bis(2-Chloroethoxy)methane
Concen: 43.71 ng
RT: 7.68 min Scan# 533
Delta R.T. 0.00 min
Lab File: BF089124.D
Acq: 19 Jul 2016 18:10

Tgt Ion: 93 Resp: 205989
Ion Ratio Lower Upper
93 100
95 32.5 26.5 39.7
123 11.1 11.6 17.4#



Abundance Ion 93.00 (92.70 to 93.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 123.00 (122.70 to 123.70): E

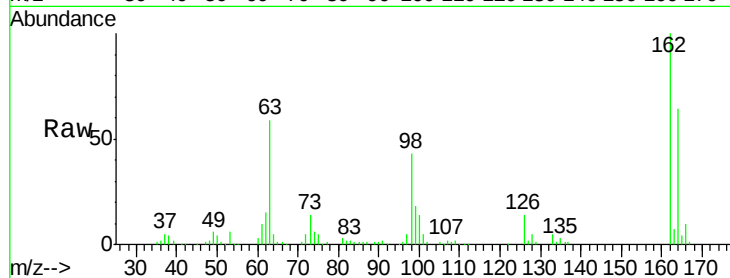




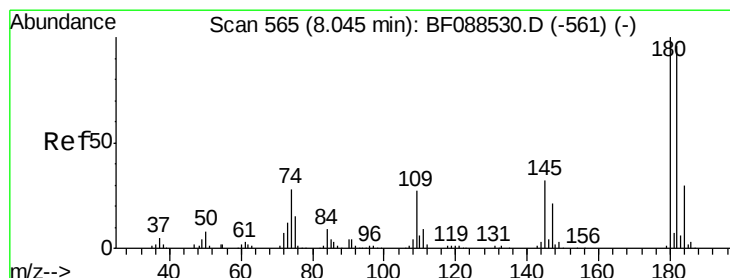
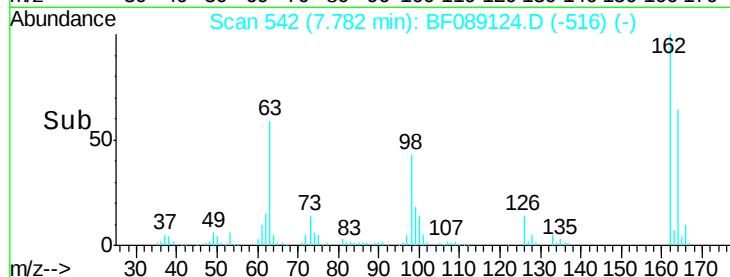
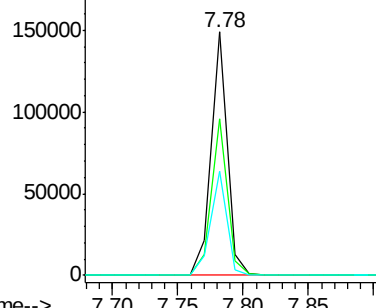
#29
2,4-Dichlorophenol
Concen: 46.85 ng
RT: 7.78 min Scan# 542
Delta R.T. 0.00 min
Lab File: BF089124.D
Acq: 19 Jul 2016 18:10

Instrument :
BNA_F
ClientSampleId :
HSR-WC-60-071116MS

Tgt Ion:162 Resp: 127472
Ion Ratio Lower Upper
162 100
164 64.2 43.8 83.8
98 42.5 21.3 61.3

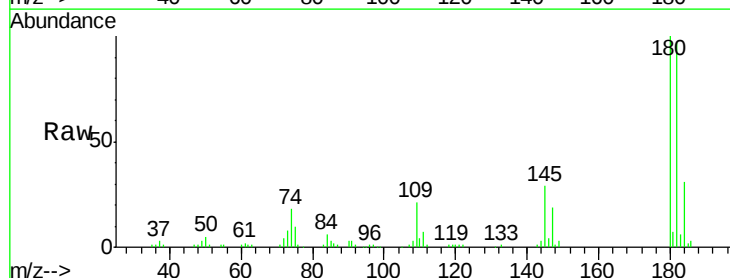


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF0

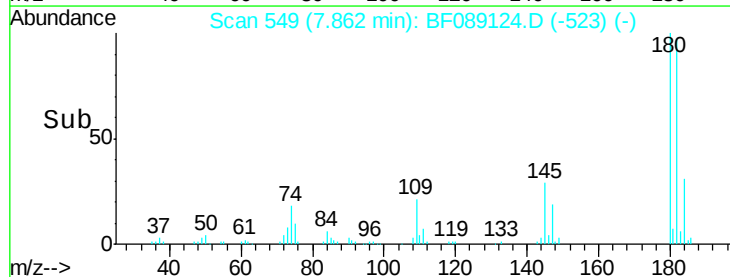
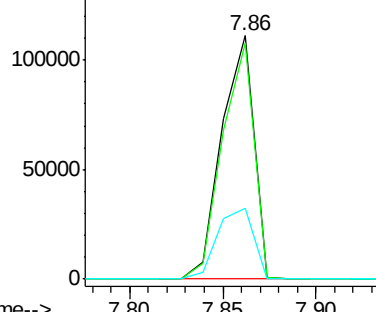


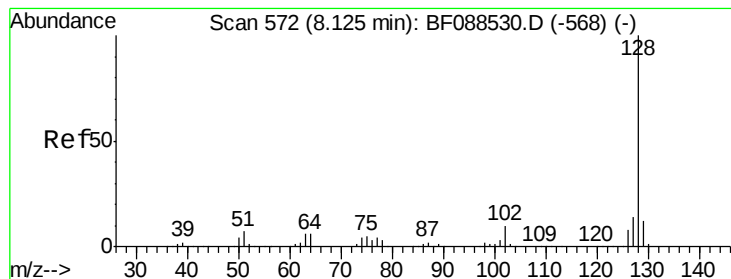
#30
1,2,4-Trichlorobenzene
Concen: 44.32 ng
RT: 7.86 min Scan# 549
Delta R.T. 0.00 min
Lab File: BF089124.D
Acq: 19 Jul 2016 18:10

Tgt Ion:180 Resp: 132332
Ion Ratio Lower Upper
180 100
182 96.9 76.0 114.0
145 29.2 26.5 39.7



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





#31

Naphthalene

Concen: 43.31 ng

RT: 7.93 min Scan# 555

Delta R.T. 0.00 min

Lab File: BF089124.D

Acq: 19 Jul 2016 18:10

Instrument :

BNA_F

ClientSampleId :

HSR-WC-60-071116MS

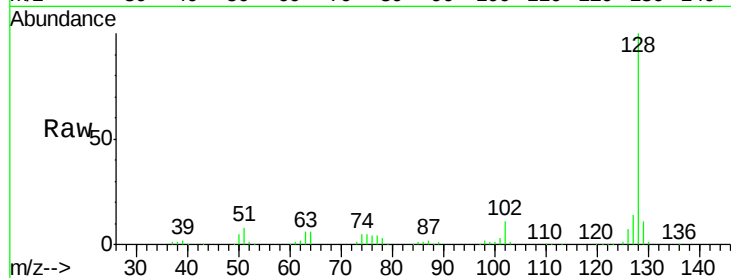
Tgt Ion:128 Resp: 437436

Ion Ratio Lower Upper

128 100

129 11.2 9.4 14.2

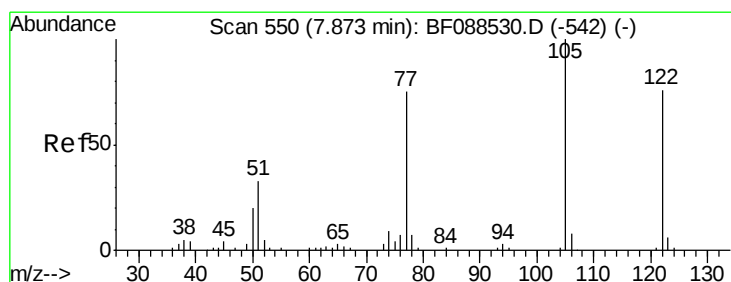
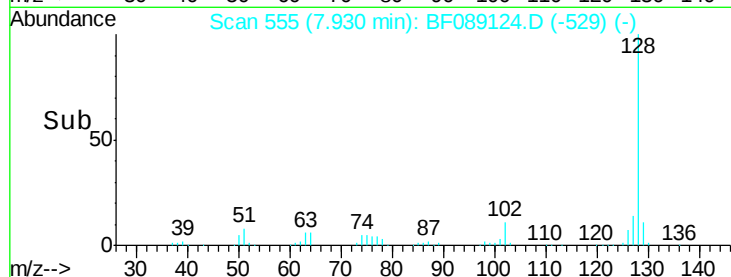
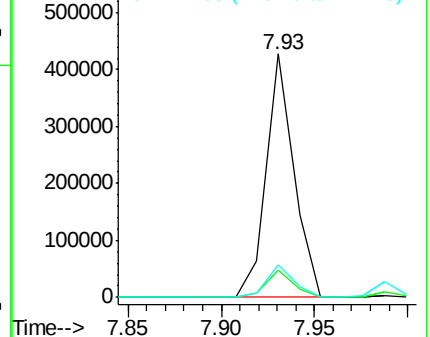
127 13.5 10.9 16.3



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 24.18 ng

RT: 7.72 min Scan# 537

Delta R.T. -0.01 min

Lab File: BF089124.D

Acq: 19 Jul 2016 18:10

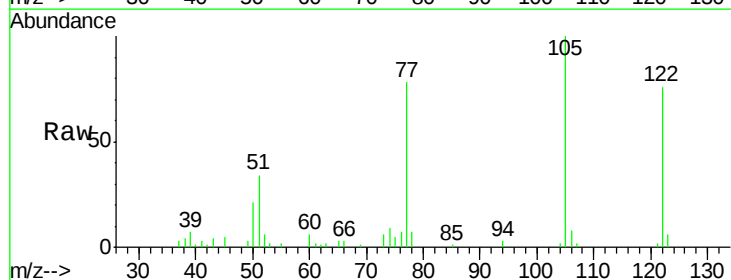
Tgt Ion:122 Resp: 59111

Ion Ratio Lower Upper

122 100

105 132.3 101.6 141.6

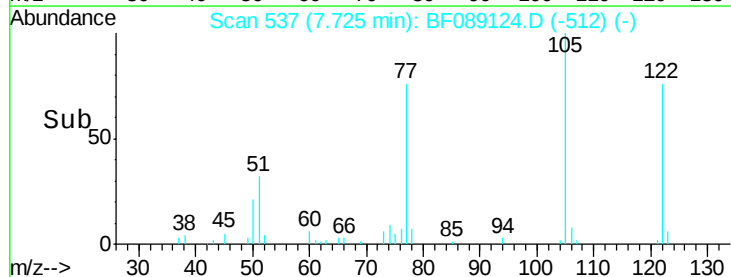
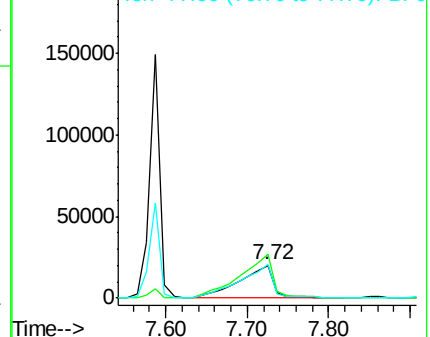
77 103.5 70.6 110.6

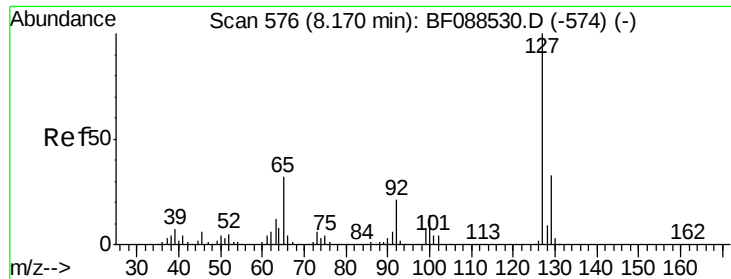


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

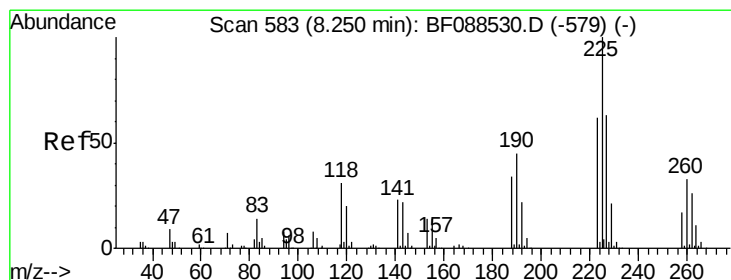
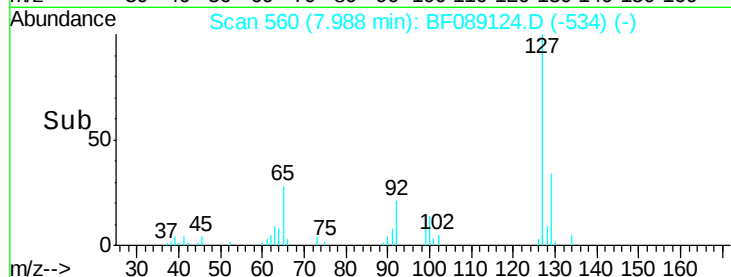
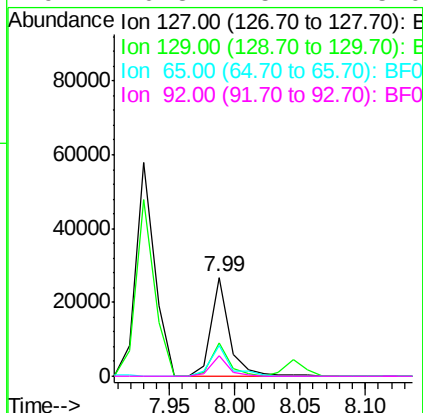
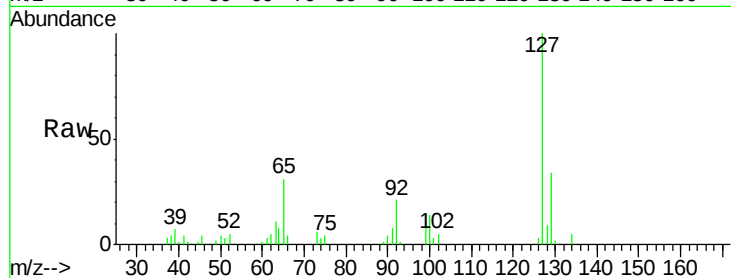




#33
4-Chloroaniline
Concen: 5.98 ng
RT: 7.99 min Scan# 560
Delta R.T. 0.00 min
Lab File: BF089124.D
Acq: 19 Jul 2016 18:10

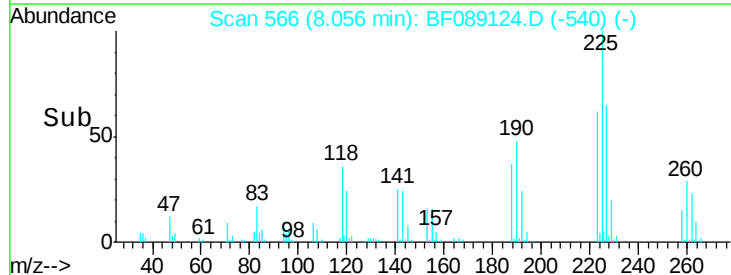
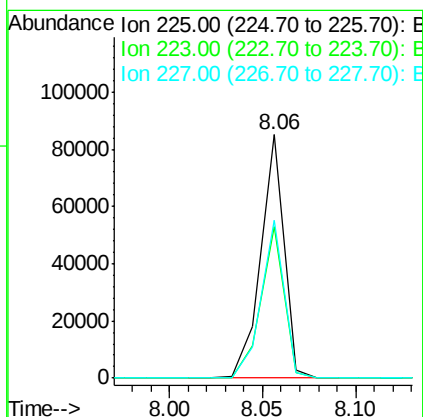
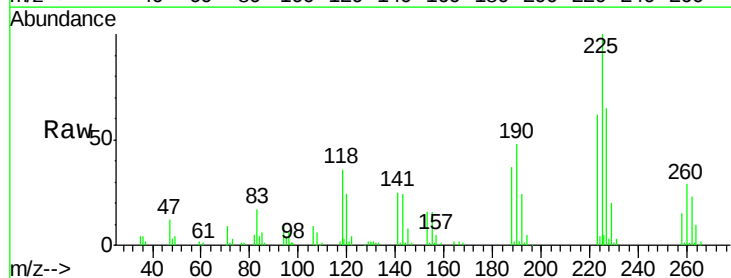
Instrument :
BNA_F
ClientSampleId :
HSR-WC-60-071116MS

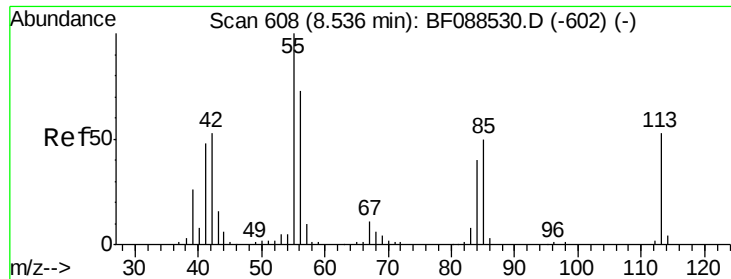
Tgt Ion:	127	Resp:	26865
Ion	Ratio	Lower	Upper
127	100		
129	33.5	26.3	39.5
65	30.7	24.7	37.1
92	20.8	15.4	23.0



#34
Hexachlorobutadiene
Concen: 45.65 ng
RT: 8.06 min Scan# 566
Delta R.T. 0.00 min
Lab File: BF089124.D
Acq: 19 Jul 2016 18:10

Tgt Ion:	225	Resp:	72985
Ion	Ratio	Lower	Upper
225	100		
223	62.4	50.9	76.3
227	64.9	51.9	77.9

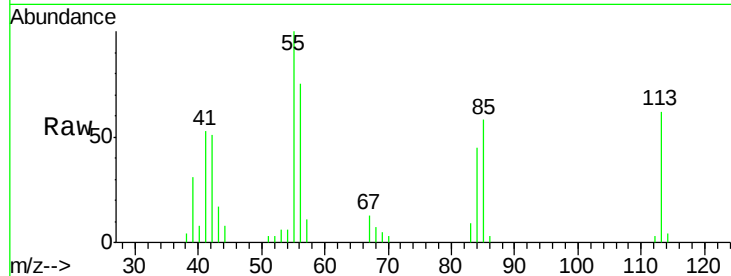




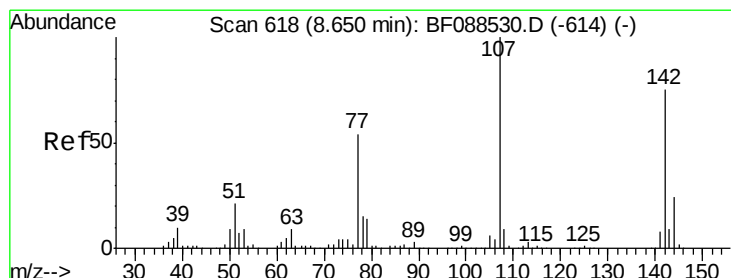
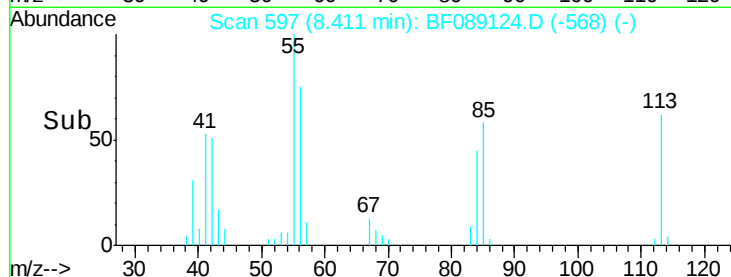
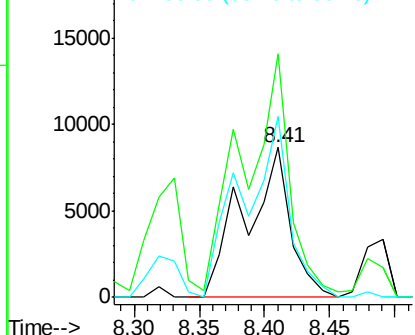
#35
 Caprolactam
 Concen: 23.19 ng
 RT: 8.41 min Scan# 597
 Delta R.T. 0.03 min
 Lab File: BF089124.D
 Acq: 19 Jul 2016 18:10

Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-60-071116MS

Tgt Ion:113 Resp: 21432
 Ion Ratio Lower Upper
 113 100
 55 162.2 158.6 198.6
 56 120.9 110.6 150.6

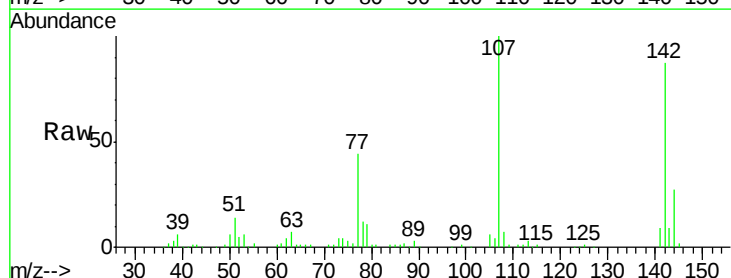


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

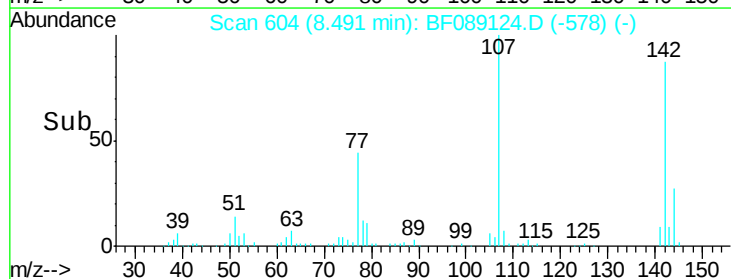
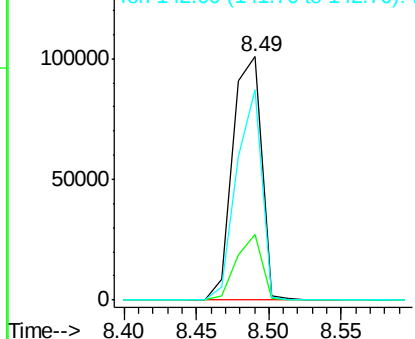


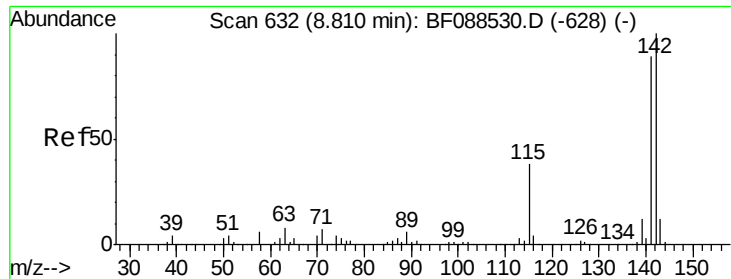
#36
 4-Chloro-3-methylphenol
 Concen: 43.26 ng
 RT: 8.49 min Scan# 604
 Delta R.T. 0.00 min
 Lab File: BF089124.D
 Acq: 19 Jul 2016 18:10

Tgt Ion:107 Resp: 139210
 Ion Ratio Lower Upper
 107 100
 144 27.1 20.8 31.2
 142 86.5 63.4 95.2



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

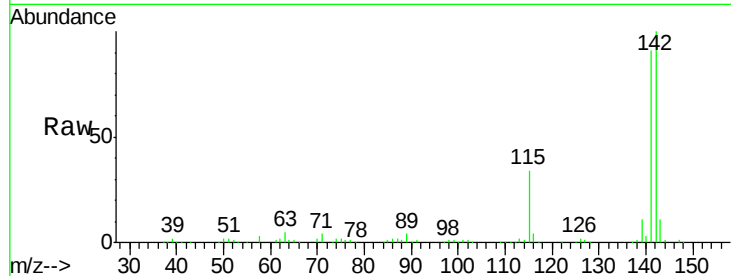




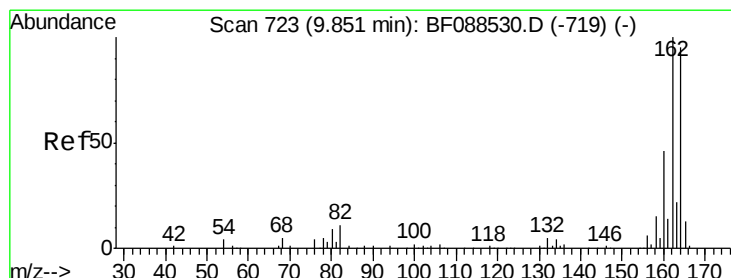
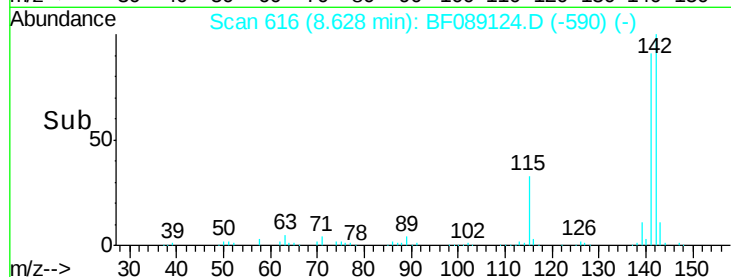
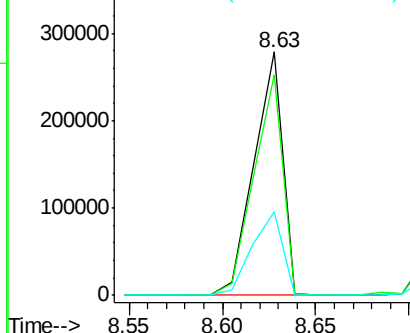
#37
2-Methylnaphthalene
Concen: 46.18 ng
RT: 8.63 min Scan# 616
Delta R.T. 0.00 min
Lab File: BF089124.D
Acq: 19 Jul 2016 18:10

Instrument :
BNA_F
ClientSampleId :
HSR-WC-60-071116MS

Tgt Ion:142 Resp: 300353
Ion Ratio Lower Upper
142 100
141 90.7 71.0 106.6
115 34.5 22.6 33.8#

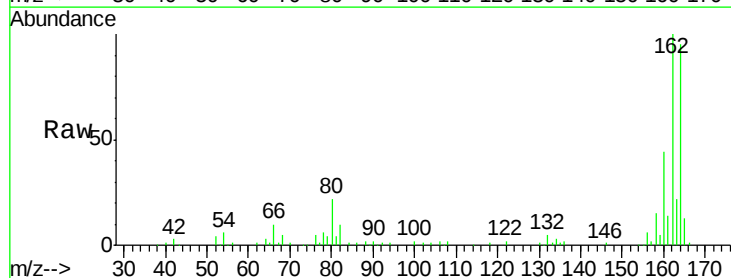


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

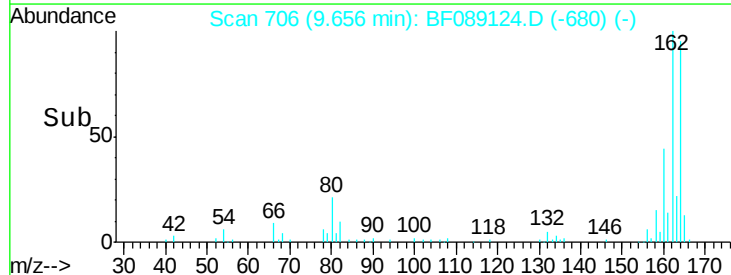
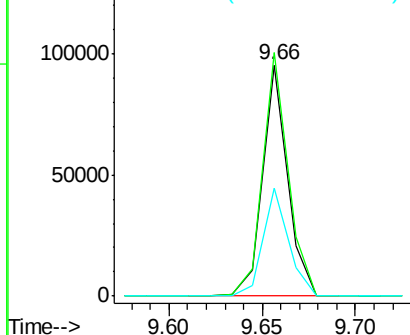


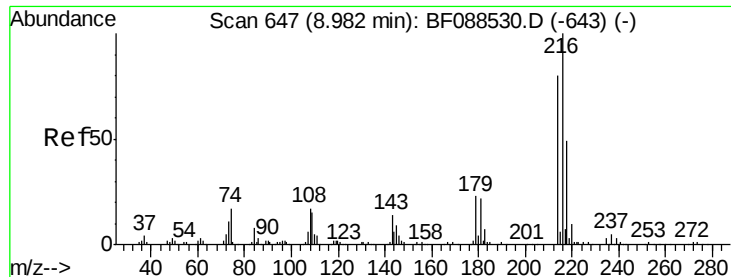
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.66 min Scan# 706
Delta R.T. 0.00 min
Lab File: BF089124.D
Acq: 19 Jul 2016 18:10

Tgt Ion:164 Resp: 87392
Ion Ratio Lower Upper
164 100
162 105.2 85.4 128.2
160 46.4 39.5 59.3



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





#39

1,2,4,5-Tetrachlorobenzene

Concen: 38.23 ng

RT: 8.79 min Scan# 630

Delta R.T. -0.01 min

Lab File: BF089124.D

Acq: 19 Jul 2016 18:10

Instrument :

BNA_F

ClientSampleId :

HSR-WC-60-071116MS

Tgt Ion:216 Resp: 111124

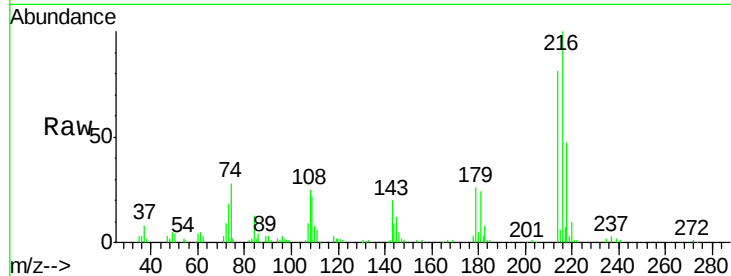
Ion Ratio Lower Upper

216 100

214 79.4 2.9 4.3#

179 23.8 0.0 0.0#

108 21.7 0.5 0.7#

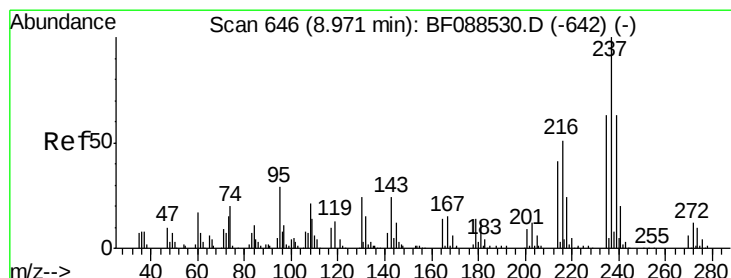
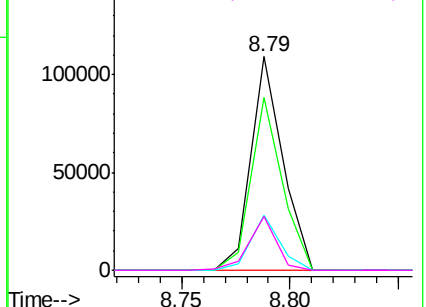
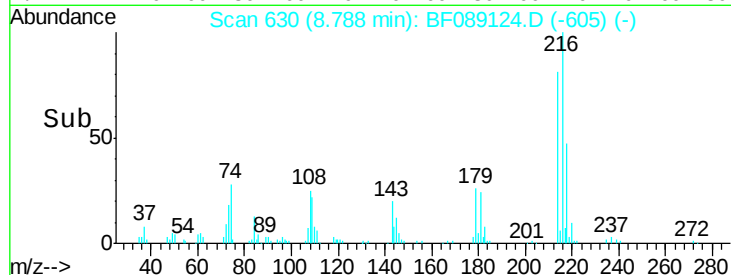


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 15.19 ng

RT: 8.78 min Scan# 629

Delta R.T. 0.00 min

Lab File: BF089124.D

Acq: 19 Jul 2016 18:10

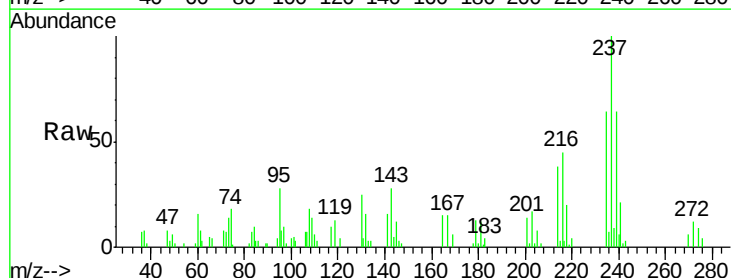
Tgt Ion:237 Resp: 21675

Ion Ratio Lower Upper

237 100

235 64.4 43.4 83.4

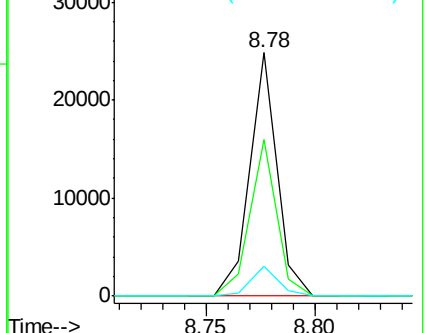
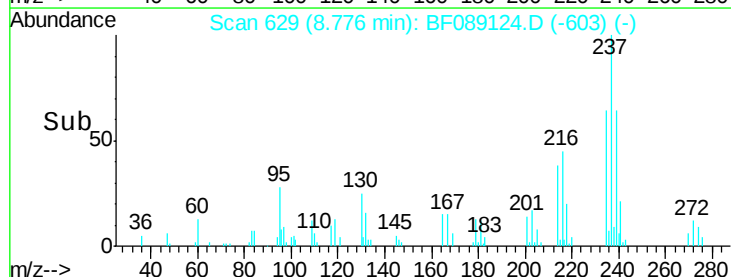
272 12.1 0.0 32.3

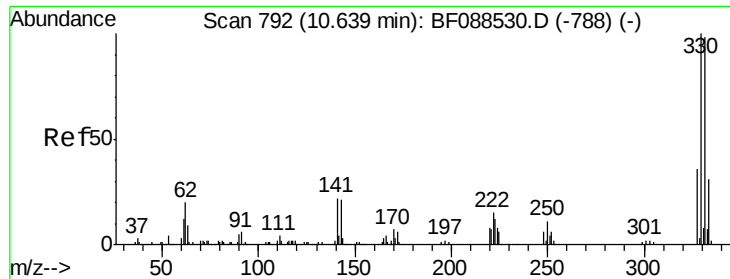


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

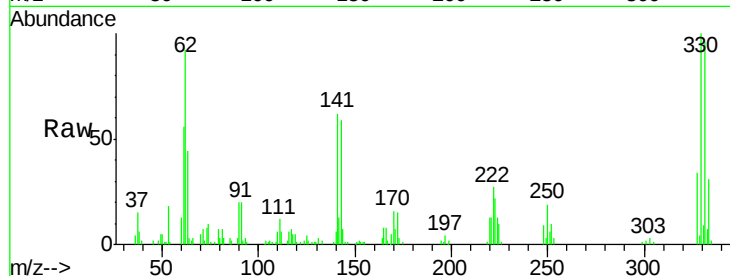




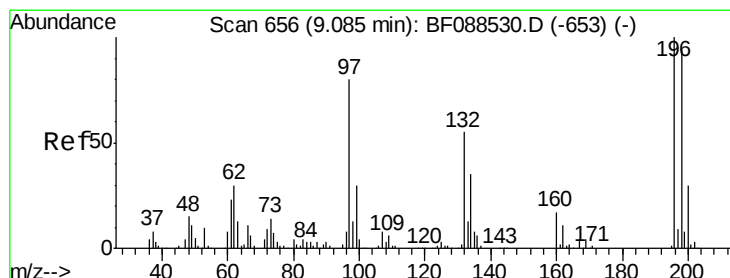
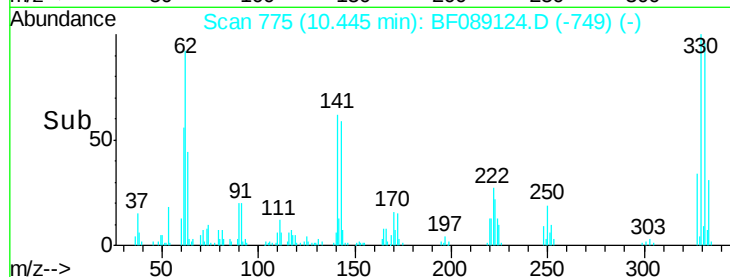
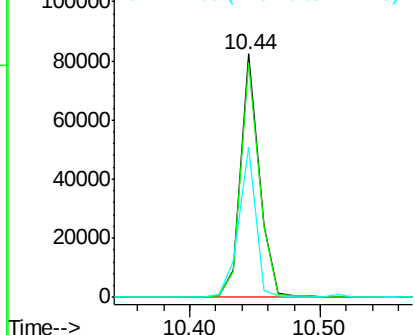
#41
 2,4,6-Tribromophenol
 Concen: 100.53 ng
 RT: 10.44 min Scan# 775
 Delta R.T. 0.00 min
 Lab File: BF089124.D
 Acq: 19 Jul 2016 18:10

Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-60-071116MS

Tgt Ion:330 Resp: 81585
 Ion Ratio Lower Upper
 330 100
 332 97.3 0.0 0.0#
 141 56.0 0.0 0.0#

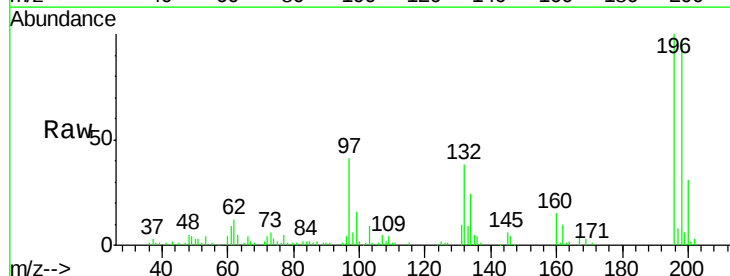


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

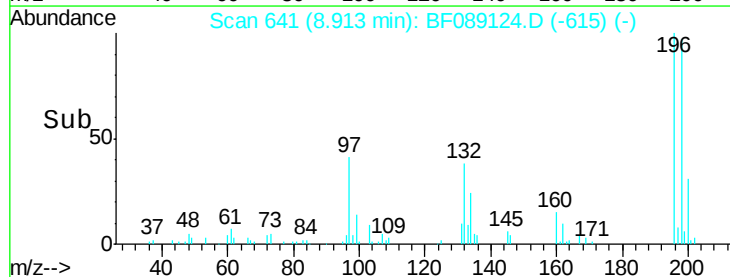
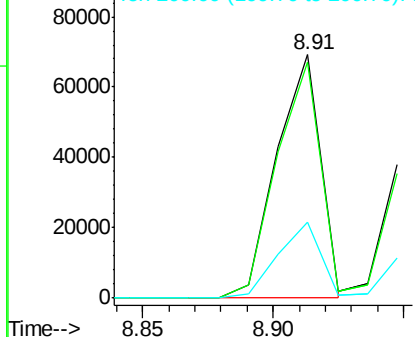


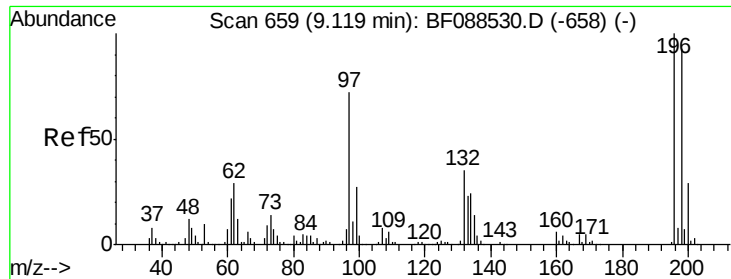
#42
 2,4,6-Trichlorophenol
 Concen: 42.34 ng
 RT: 8.91 min Scan# 641
 Delta R.T. 0.00 min
 Lab File: BF089124.D
 Acq: 19 Jul 2016 18:10

Tgt Ion:196 Resp: 81143
 Ion Ratio Lower Upper
 196 100
 198 96.8 78.0 117.0
 200 31.2 25.4 38.2



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

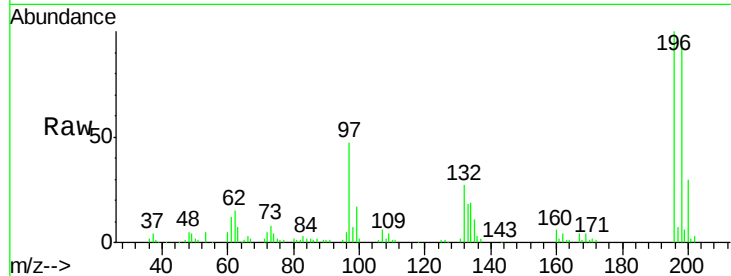




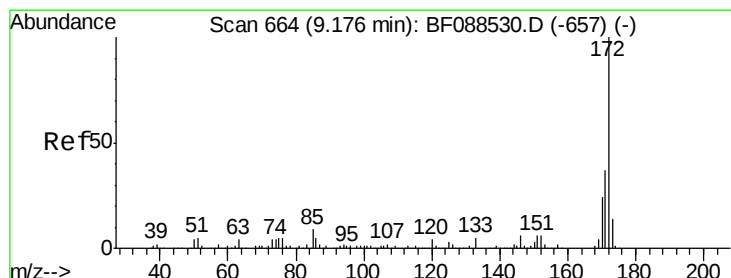
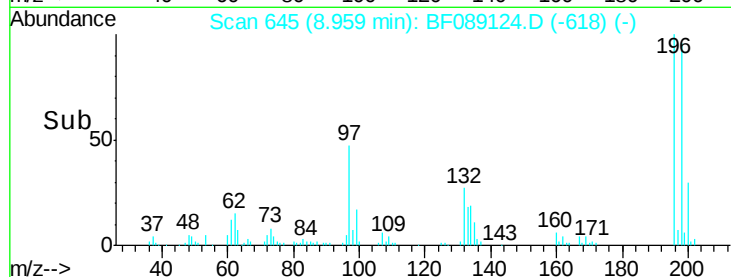
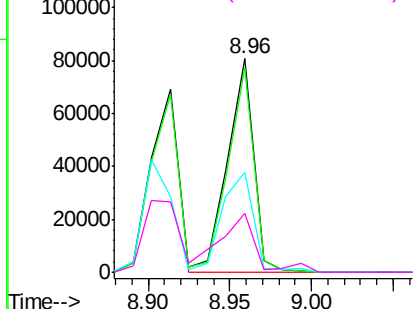
#43
 2,4,5-Trichlorophenol
 Concen: 53.46 ng
 RT: 8.96 min Scan# 645
 Delta R.T. 0.01 min
 Lab File: BF089124.D
 Acq: 19 Jul 2016 18:10

Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-60-071116MS

Tgt Ion:196 Resp: 88152
 Ion Ratio Lower Upper
 196 100
 198 96.0 77.5 116.3
 97 46.6 32.0 48.0
 132 27.4 20.9 31.3

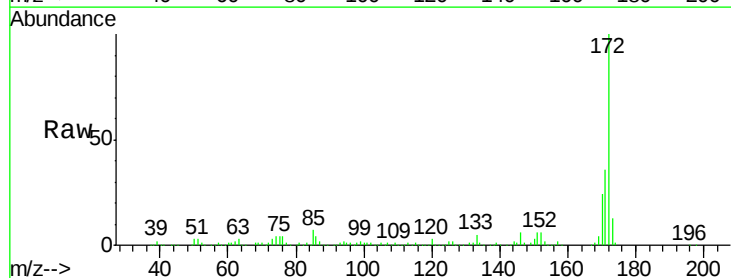


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

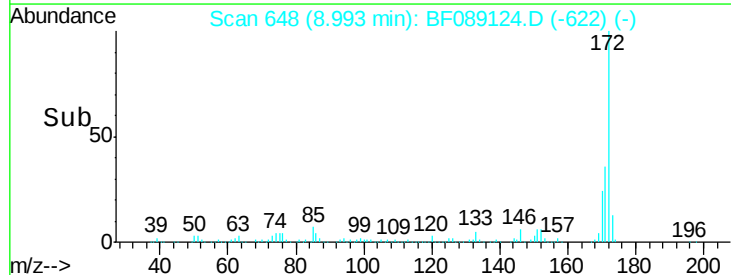
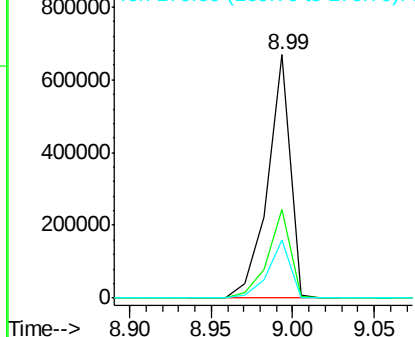


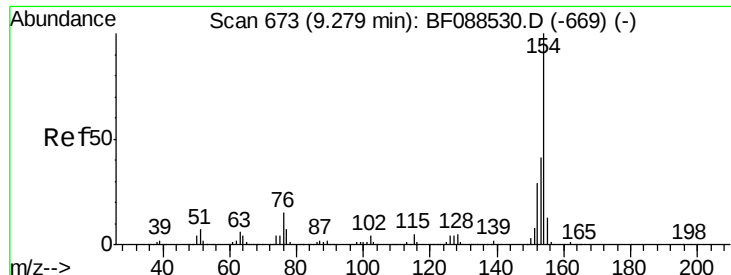
#44
 2-Fluorobiphenyl
 Concen: 116.71 ng
 RT: 8.99 min Scan# 648
 Delta R.T. 0.00 min
 Lab File: BF089124.D
 Acq: 19 Jul 2016 18:10

Tgt Ion:172 Resp: 645706
 Ion Ratio Lower Upper
 172 100
 171 36.3 28.6 43.0
 170 23.8 19.2 28.8



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





#45

1,1'-Biphenyl

Concen: 42.92 ng

RT: 9.08 min Scan# 656

Delta R.T. -0.01 min

Lab File: BF089124.D

Acq: 19 Jul 2016 18:10

Instrument :

BNA_F

ClientSampleId :

HSR-WC-60-071116MS

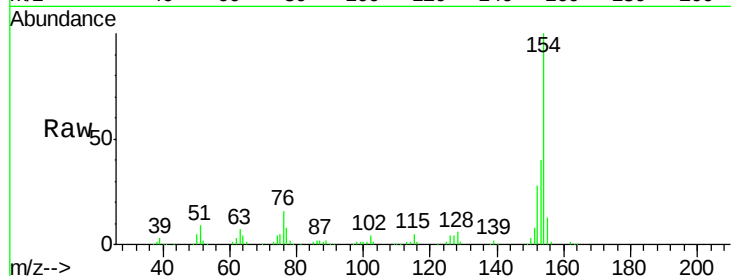
Tgt Ion:154 Resp: 310602

Ion Ratio Lower Upper

154 100

153 40.5 20.6 60.6

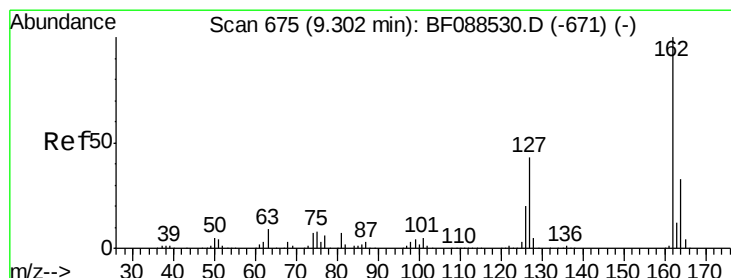
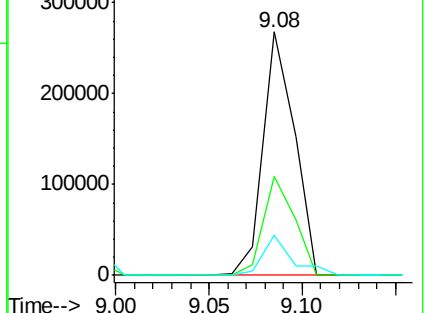
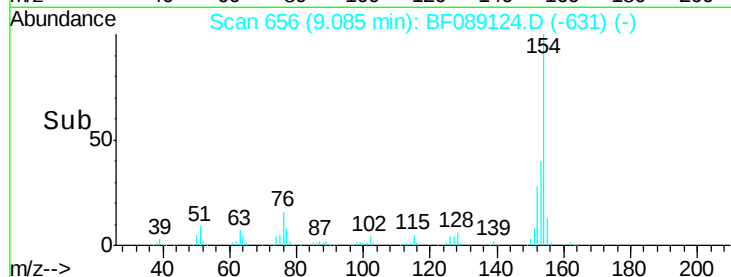
76 16.4 0.0 35.1



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 43.05 ng

RT: 9.11 min Scan# 658

Delta R.T. 0.00 min

Lab File: BF089124.D

Acq: 19 Jul 2016 18:10

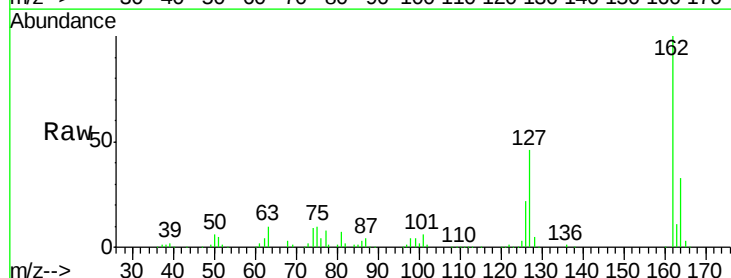
Tgt Ion:162 Resp: 244576

Ion Ratio Lower Upper

162 100

127 45.7 35.2 52.8

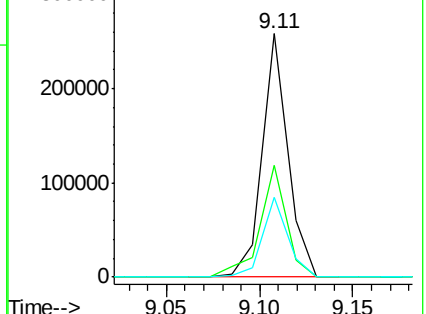
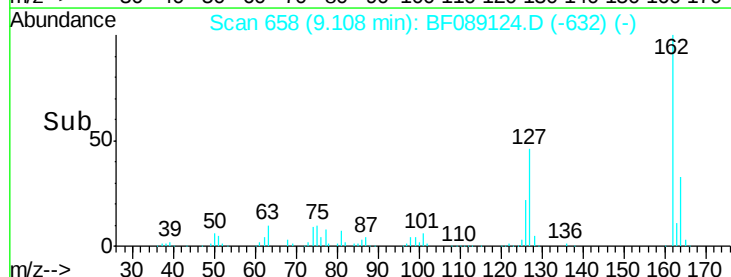
164 32.7 26.6 39.8

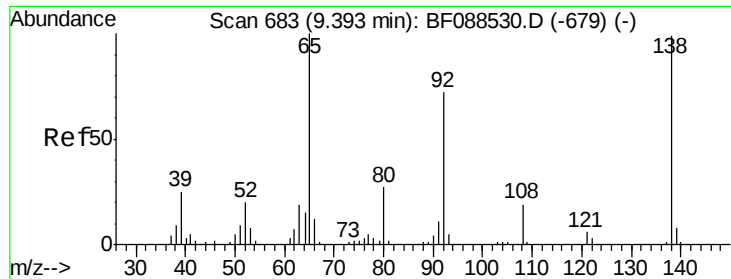


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

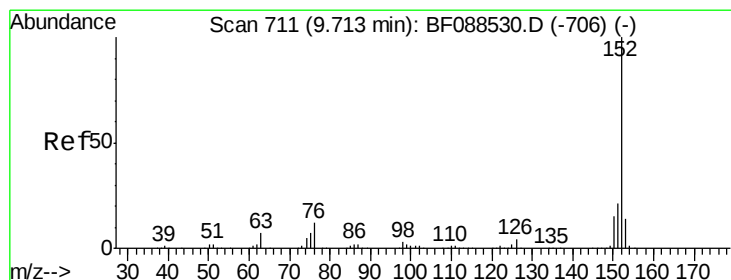
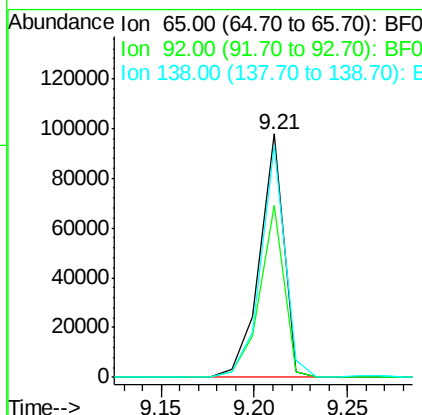
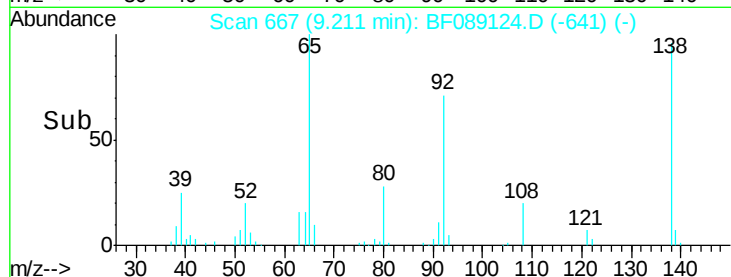
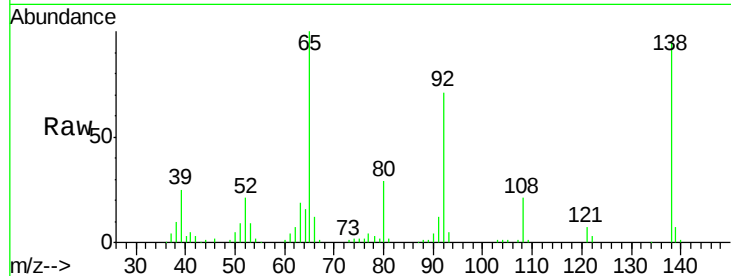




#47
 2-Nitroaniline
 Concen: 43.37 ng
 RT: 9.21 min Scan# 667
 Delta R.T. 0.00 min
 Lab File: BF089124.D
 Acq: 19 Jul 2016 18:10

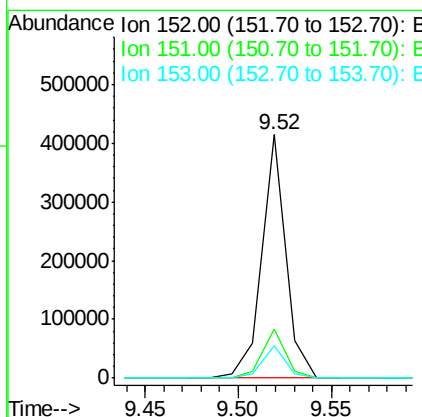
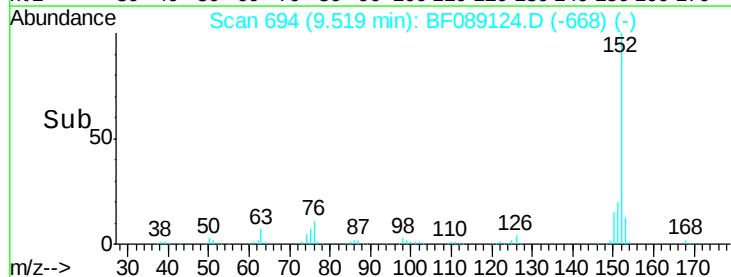
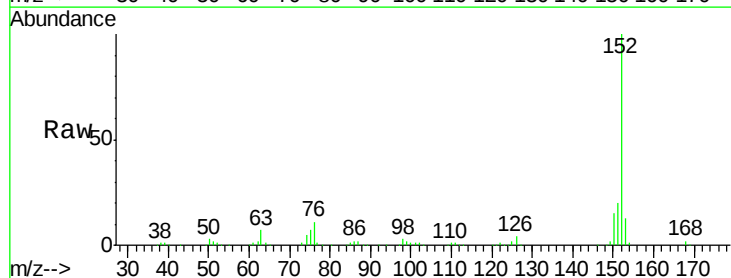
Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-60-071116MS

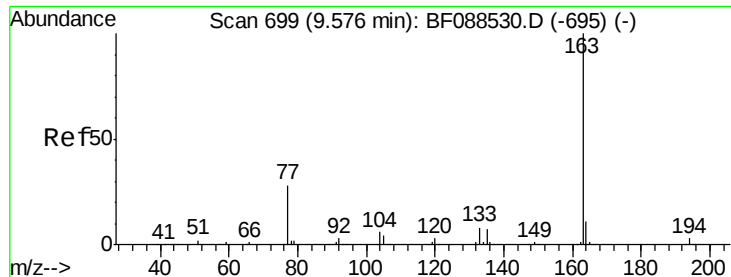
Tgt Ion: 65 Resp: 87448
 Ion Ratio Lower Upper
 65 100
 92 70.5 54.6 82.0
 138 95.1 77.0 115.4



#48
 Acenaphthylene
 Concen: 41.39 ng
 RT: 9.52 min Scan# 694
 Delta R.T. 0.00 min
 Lab File: BF089124.D
 Acq: 19 Jul 2016 18:10

Tgt Ion: 152 Resp: 374131
 Ion Ratio Lower Upper
 152 100
 151 20.4 16.2 24.4
 153 13.3 11.0 16.6





#49

Dimethylphthalate

Concen: 50.47 ng

RT: 9.39 min Scan# 683

Delta R.T. -0.01 min

Lab File: BF089124.D

Acq: 19 Jul 2016 18:10

Instrument :

BNA_F

ClientSampleId :

HSR-WC-60-071116MS

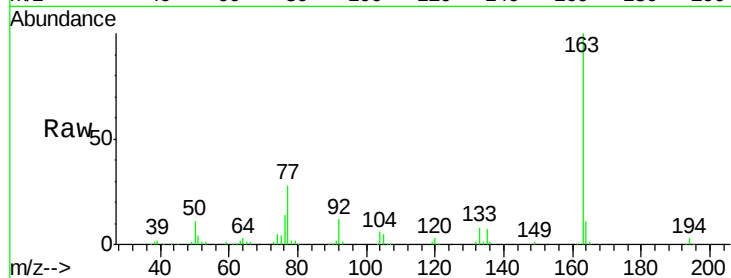
Tgt Ion:163 Resp: 314226

Ion Ratio Lower Upper

163 100

194 3.1 2.8 4.2

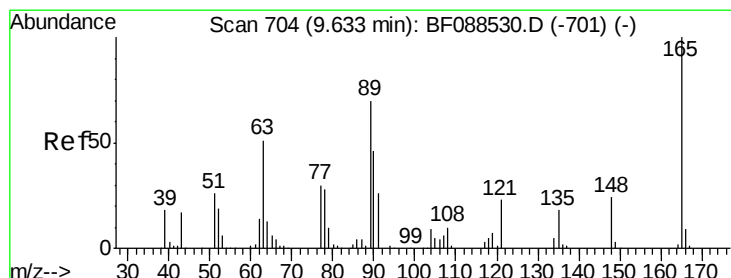
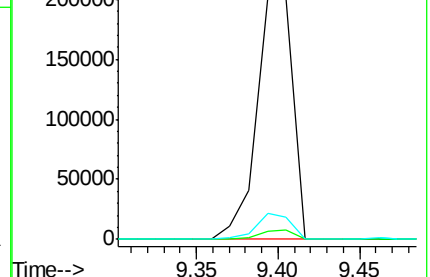
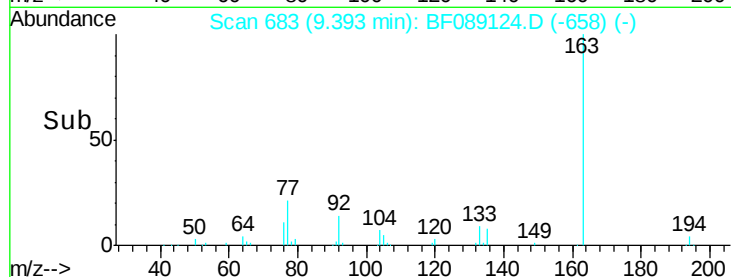
164 10.7 8.3 12.5



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 50.14 ng

RT: 9.46 min Scan# 689

Delta R.T. 0.00 min

Lab File: BF089124.D

Acq: 19 Jul 2016 18:10

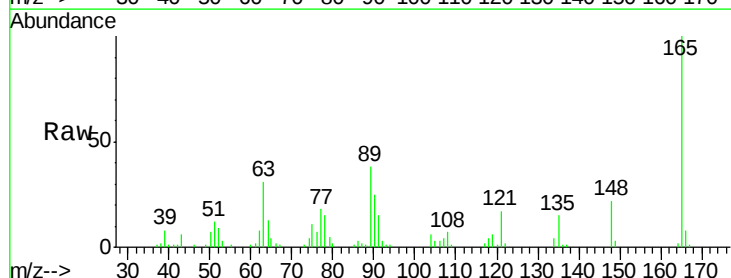
Tgt Ion:165 Resp: 69190

Ion Ratio Lower Upper

165 100

63 30.5 28.1 42.1

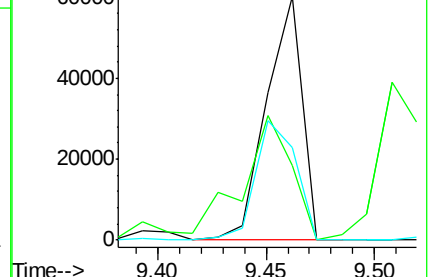
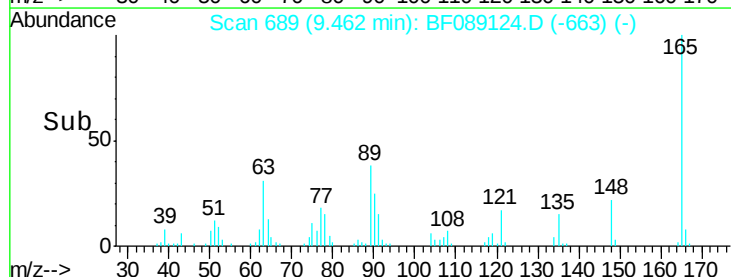
89 38.1 32.2 48.2

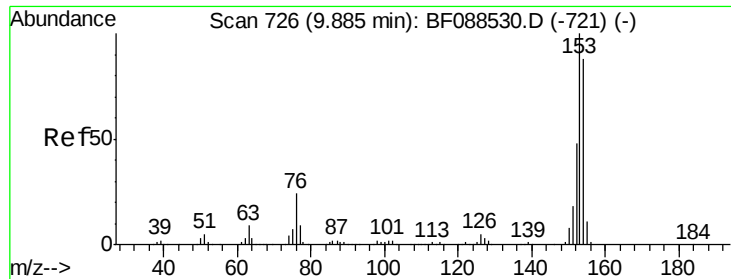


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 40.15 ng

RT: 9.69 min Scan# 709

Delta R.T. 0.00 min

Lab File: BF089124.D

Acq: 19 Jul 2016 18:10

Instrument :

BNA_F

ClientSampleId :

HSR-WC-60-071116MS

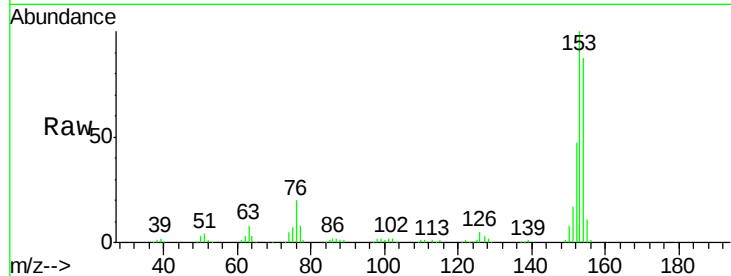
Tgt Ion:154 Resp: 222475

Ion Ratio Lower Upper

154 100

153 115.4 89.5 134.3

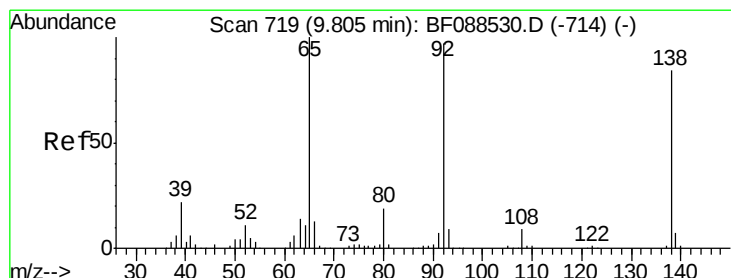
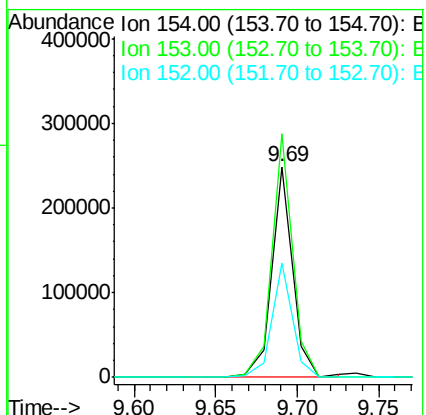
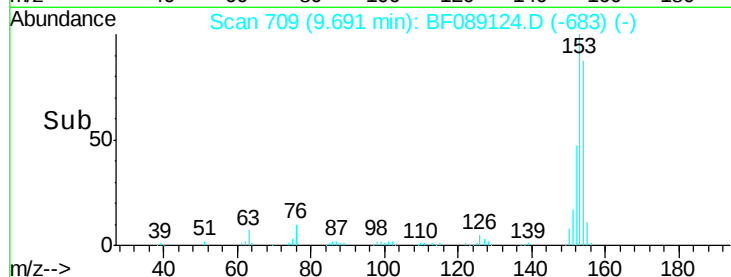
152 54.4 42.7 64.1



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 28.70 ng

RT: 9.62 min Scan# 703

Delta R.T. 0.00 min

Lab File: BF089124.D

Acq: 19 Jul 2016 18:10

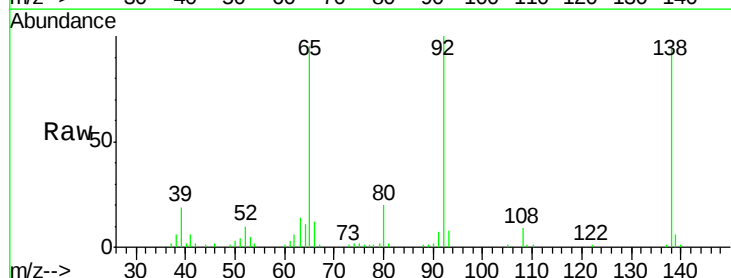
Tgt Ion:138 Resp: 50341

Ion Ratio Lower Upper

138 100

108 10.0 8.5 12.7

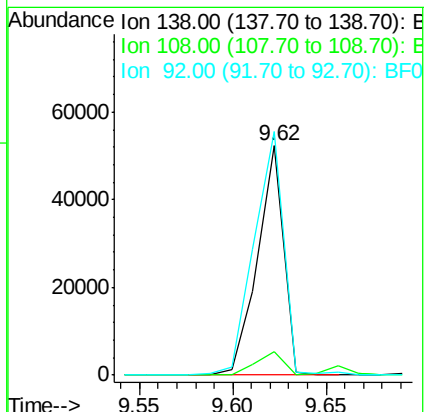
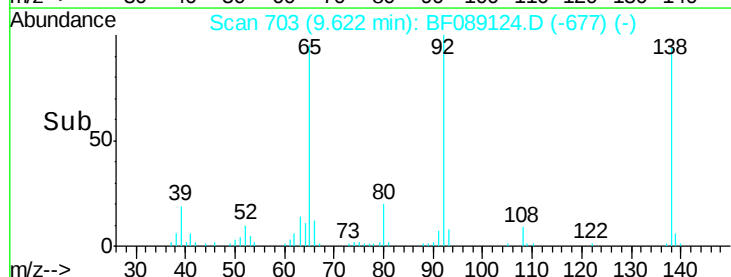
92 106.3 95.7 143.5

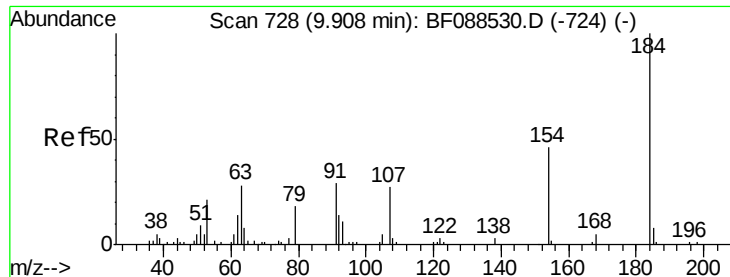


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

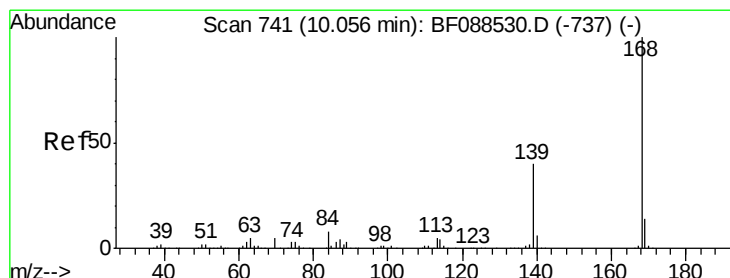
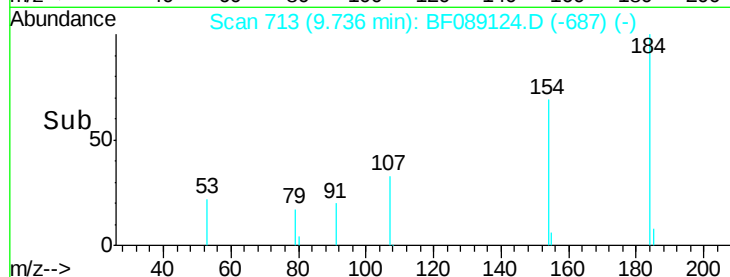
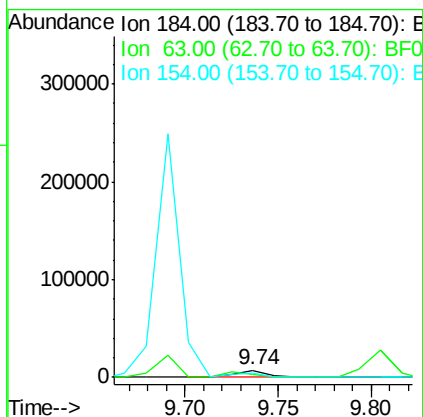
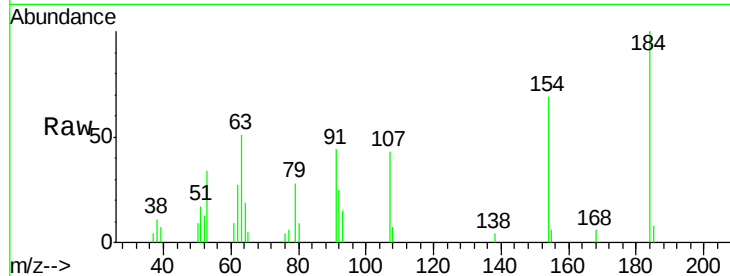




#53
2,4-Dinitrophenol
Concen: 15.46 ng
RT: 9.74 min Scan# 713
Delta R.T. 0.00 min
Lab File: BF089124.D
Acq: 19 Jul 2016 18:10

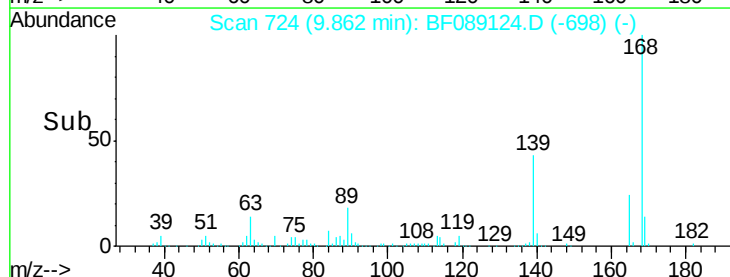
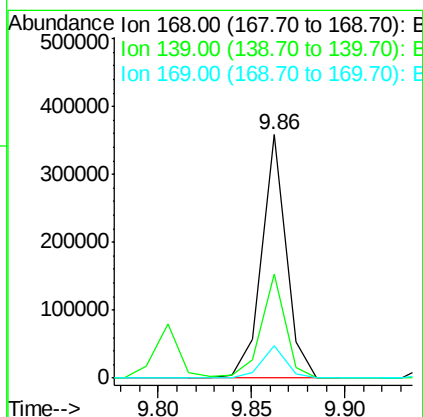
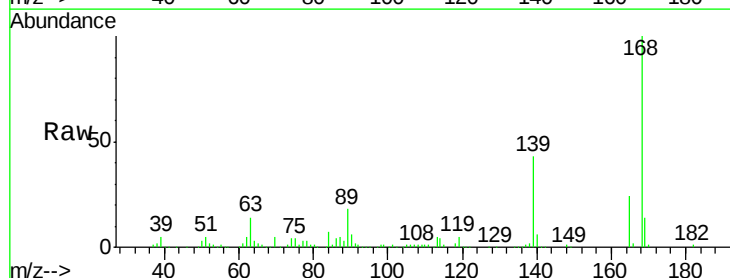
Instrument :
BNA_F
ClientSampleId :
HSR-WC-60-071116MS

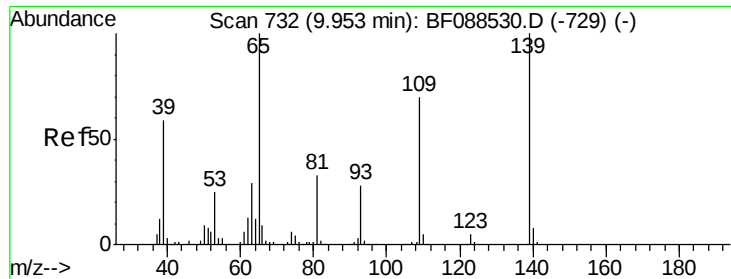
Tgt Ion:184 Resp: 9420
Ion Ratio Lower Upper
184 100
63 51.2 57.6 86.4#
154 69.4 53.5 80.3



#54
Dibenzofuran
Concen: 44.69 ng
RT: 9.86 min Scan# 724
Delta R.T. 0.00 min
Lab File: BF089124.D
Acq: 19 Jul 2016 18:10

Tgt Ion:168 Resp: 324146
Ion Ratio Lower Upper
168 100
139 42.8 26.4 39.6#
169 13.6 10.4 15.6





#55

4-Nitrophenol

Concen: 54.99 ng

RT: 9.80 min Scan# 719

Delta R.T. 0.00 min

Lab File: BF089124.D

Acq: 19 Jul 2016 18:10

Instrument :

BNA_F

ClientSampleId :

HSR-WC-60-071116MS

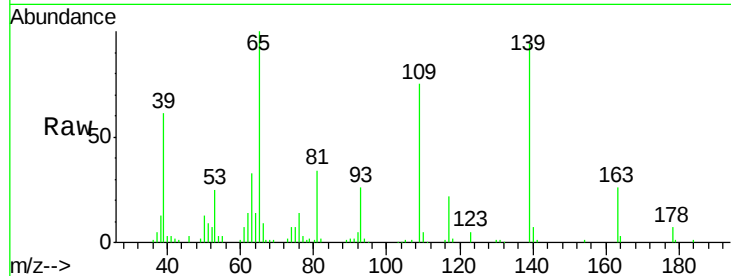
Tgt Ion:139 Resp: 73305

Ion Ratio Lower Upper

139 100

109 80.0 48.9 88.9

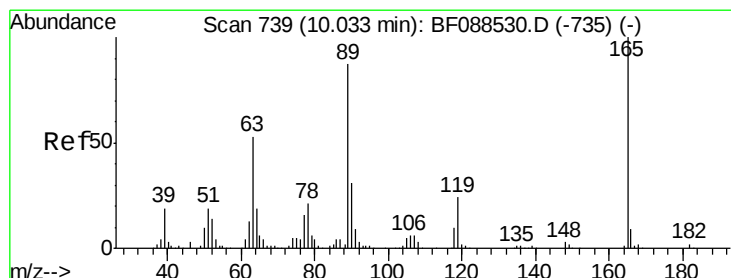
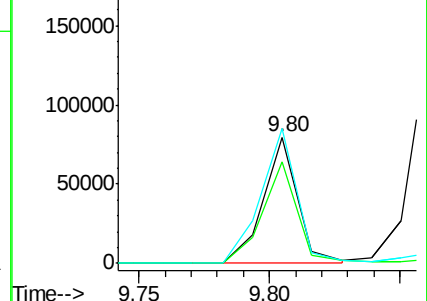
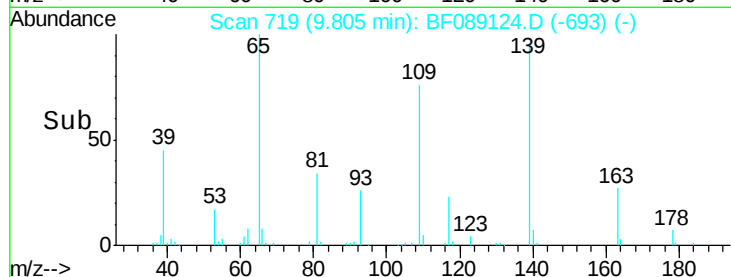
65 106.7 84.9 124.9



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BFO



#56

2,4-Dinitrotoluene

Concen: 49.56 ng

RT: 9.86 min Scan# 724

Delta R.T. 0.00 min

Lab File: BF089124.D

Acq: 19 Jul 2016 18:10

Tgt Ion:165 Resp: 89421

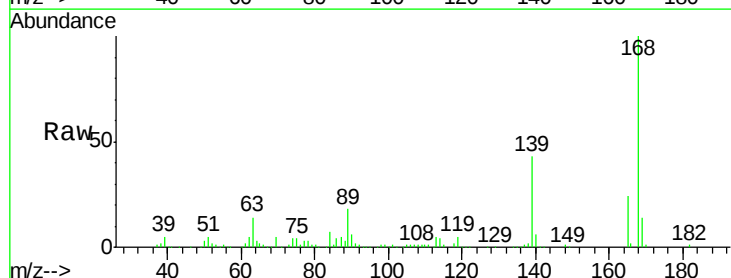
Ion Ratio Lower Upper

165 100

63 55.2 22.0 33.0#

89 73.0 41.1 61.7#

182 2.6 2.0 3.0

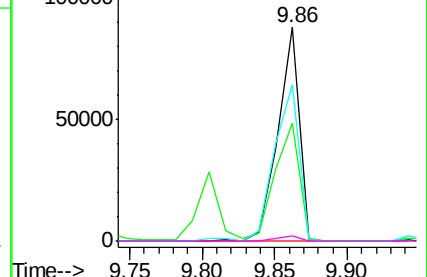
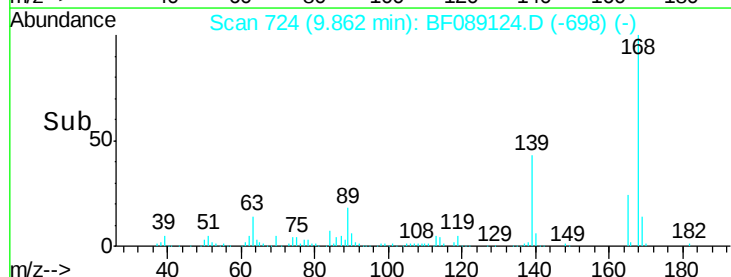


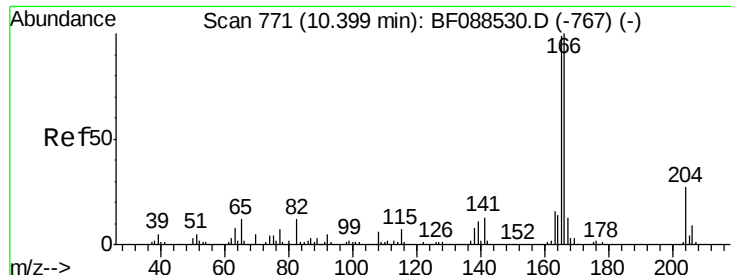
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BFO

Ion 89.00 (88.70 to 89.70): BFO

Ion 182.00 (181.70 to 182.70): E

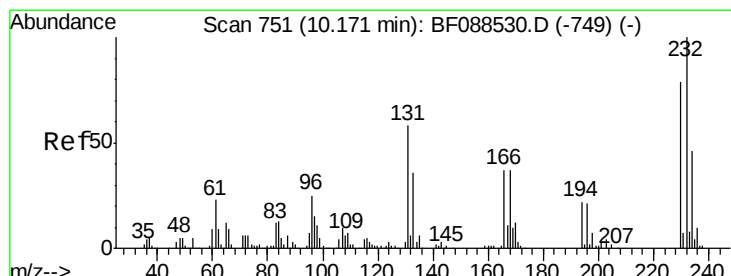
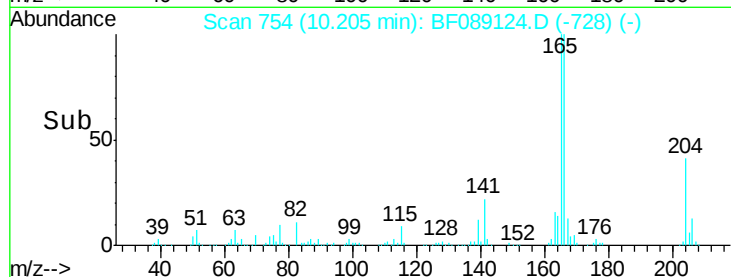
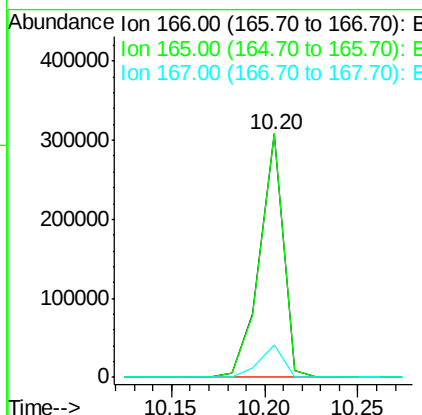
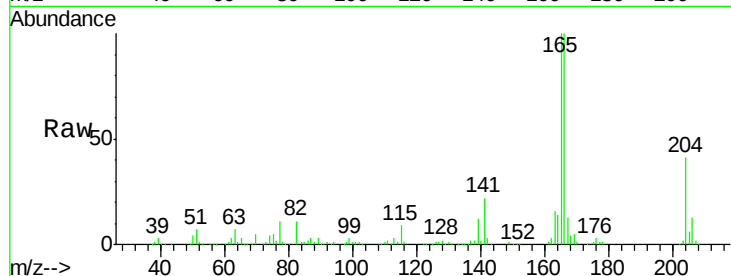




#57
 Fluorene
 Concen: 49.33 ng
 RT: 10.20 min Scan# 754
 Delta R.T. 0.00 min
 Lab File: BF089124.D
 Acq: 19 Jul 2016 18:10

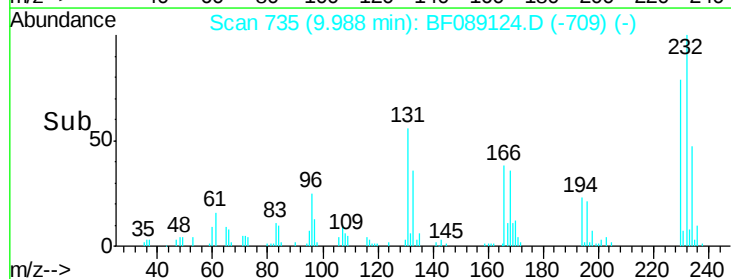
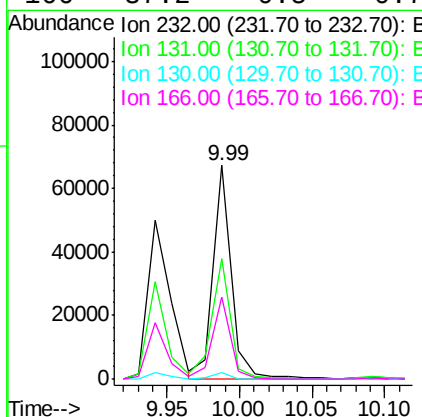
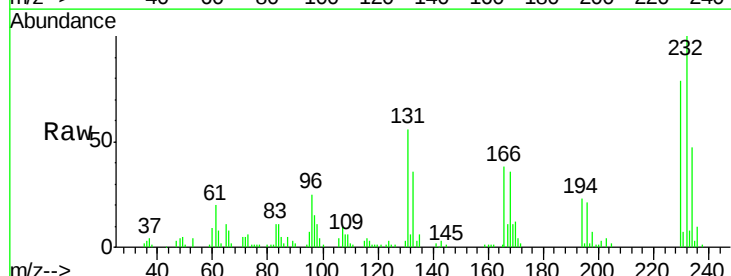
Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-60-071116MS

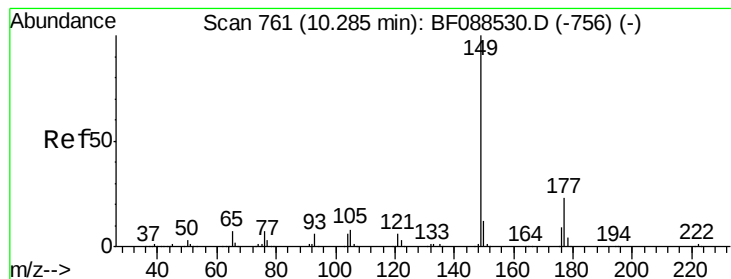
Tgt Ion:166 Resp: 275696
 Ion Ratio Lower Upper
 166 100
 165 100.0 77.8 116.8
 167 13.1 11.2 16.8



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 46.60 ng
 RT: 9.99 min Scan# 735
 Delta R.T. 0.00 min
 Lab File: BF089124.D
 Acq: 19 Jul 2016 18:10

Tgt Ion:232 Resp: 59445
 Ion Ratio Lower Upper
 232 100
 131 57.3 0.9 1.3#
 130 2.7 1.5 2.3#
 166 37.2 0.5 0.7#





#59

Diethylphthalate

Concen: 47.71 ng

RT: 10.09 min Scan# 744

Delta R.T. 0.00 min

Lab File: BF089124.D

Acq: 19 Jul 2016 18:10

Instrument :

BNA_F

ClientSampleId :

HSR-WC-60-071116MS

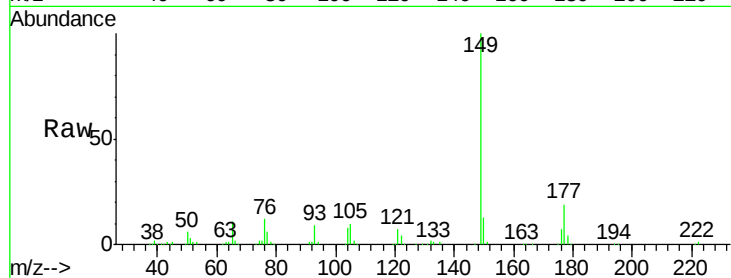
Tgt Ion:149 Resp: 298095

Ion Ratio Lower Upper

149 100

177 18.7 16.9 25.3

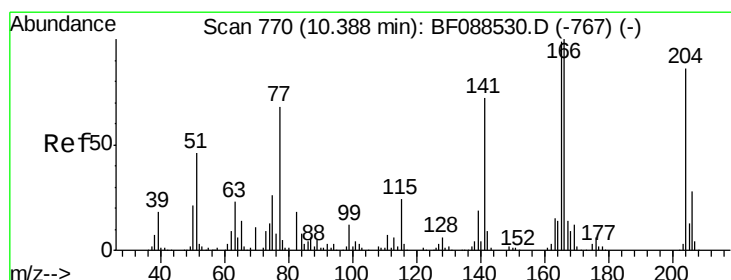
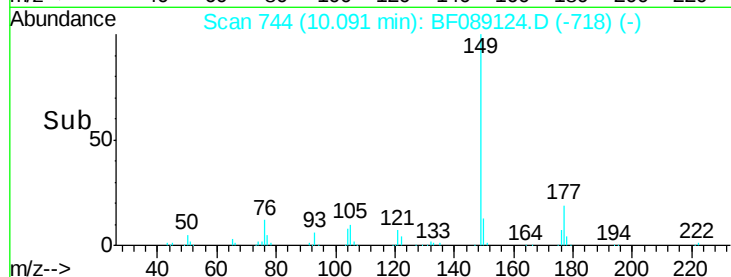
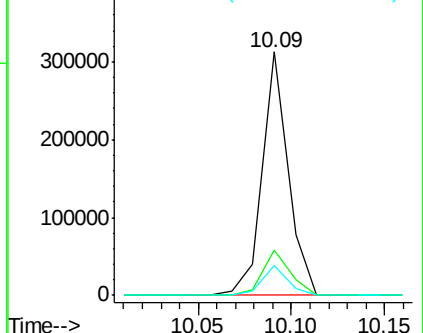
150 12.5 10.1 15.1



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



#60

4-Chlorophenyl-phenylether

Concen: 49.09 ng

RT: 10.20 min Scan# 754

Delta R.T. 0.00 min

Lab File: BF089124.D

Acq: 19 Jul 2016 18:10

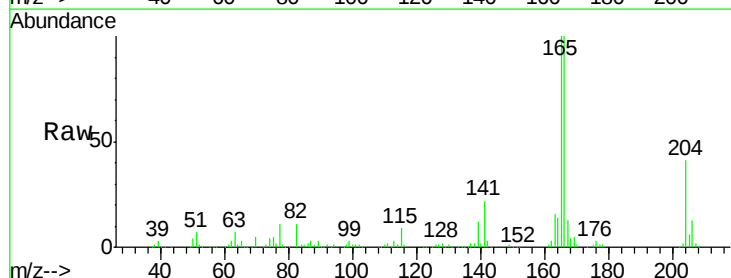
Tgt Ion:204 Resp: 127469

Ion Ratio Lower Upper

204 100

206 32.8 26.3 39.5

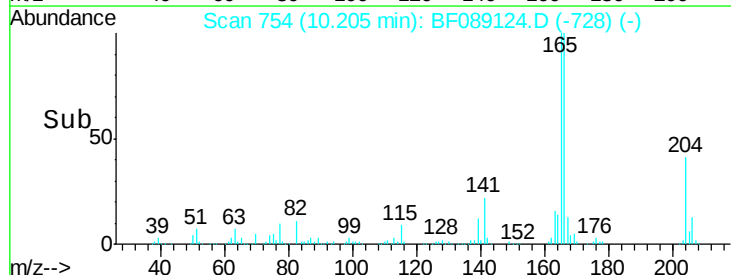
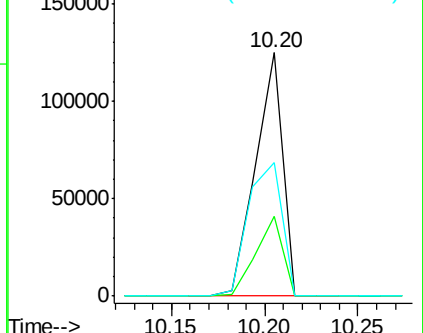
141 54.8 55.0 82.6#

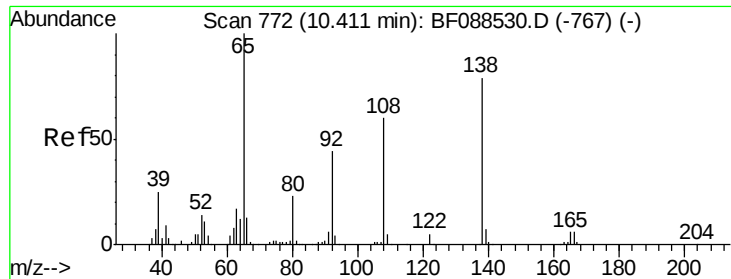


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

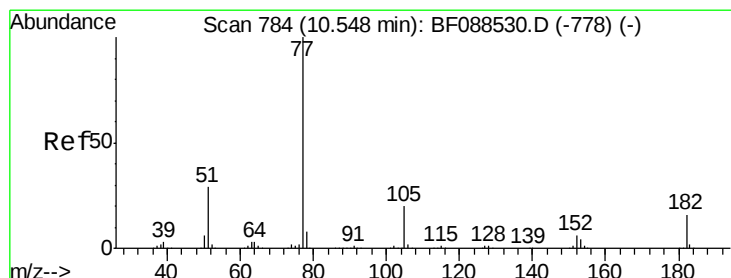
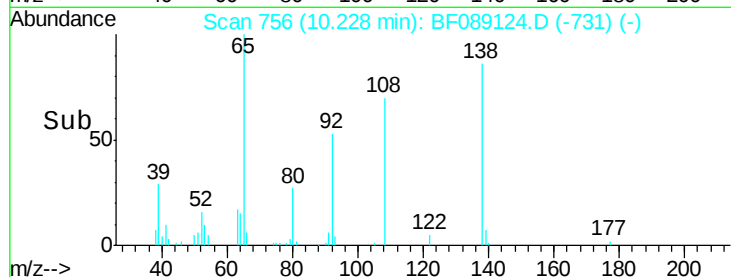
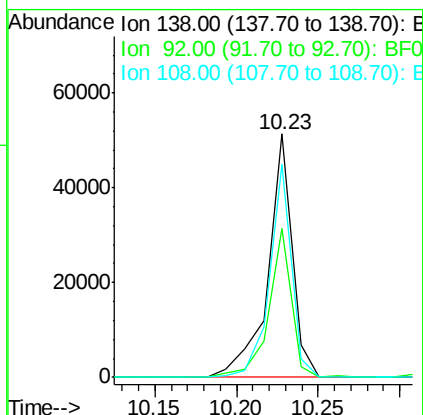
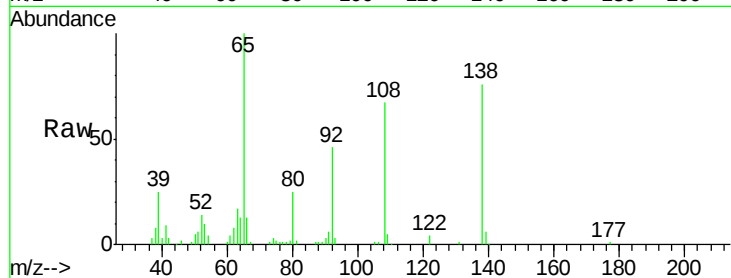




#61
4-Nitroaniline
Concen: 31.71 ng
RT: 10.23 min Scan# 756
Delta R.T. -0.01 min
Lab File: BF089124.D
Acq: 19 Jul 2016 18:10

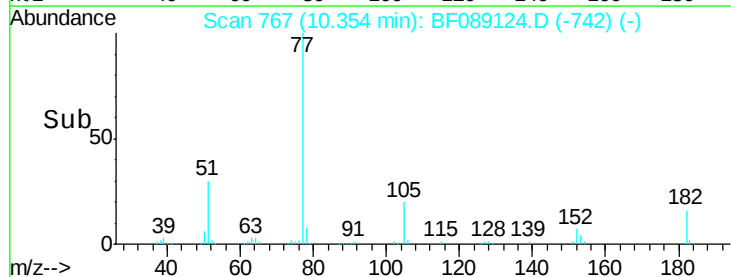
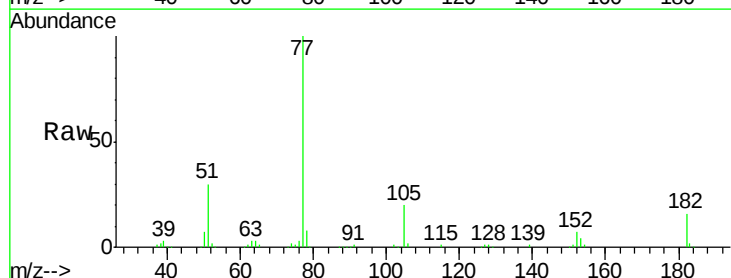
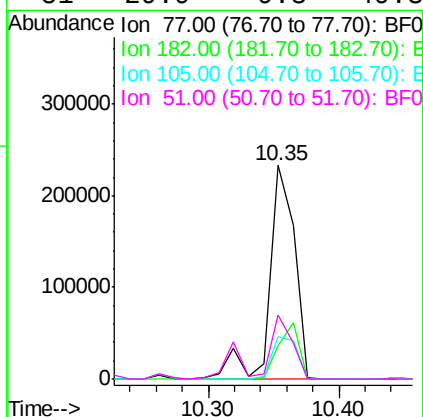
Instrument :
BNA_F
ClientSampleId :
HSR-WC-60-071116MS

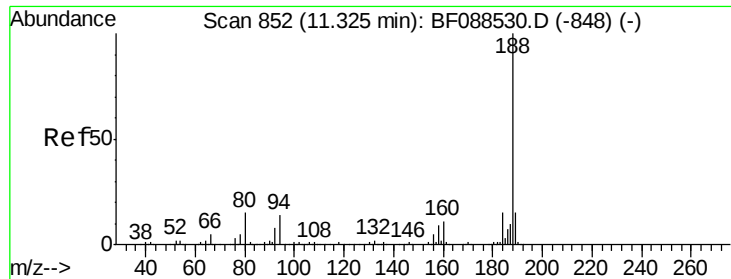
Tgt Ion:138 Resp: 53522
Ion Ratio Lower Upper
138 100
92 61.1 27.3 67.3
108 87.5 46.7 86.7#



#62
Azobenzene
Concen: 44.36 ng
RT: 10.35 min Scan# 767
Delta R.T. -0.01 min
Lab File: BF089124.D
Acq: 19 Jul 2016 18:10

Tgt Ion: 77 Resp: 316128
Ion Ratio Lower Upper
77 100
182 15.5 4.4 44.4
105 20.1 3.8 43.8
51 29.9 9.3 49.3

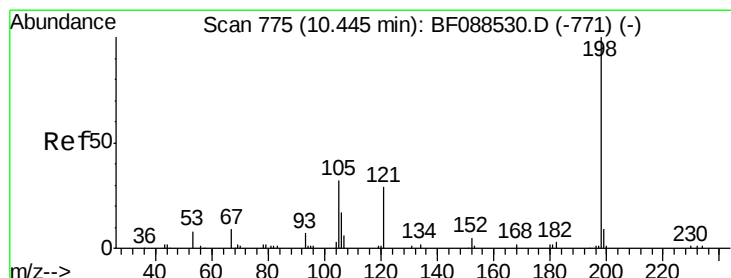
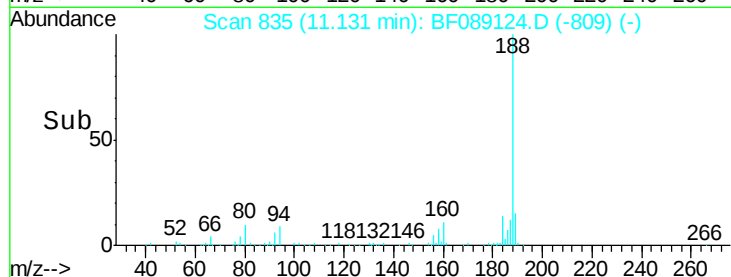
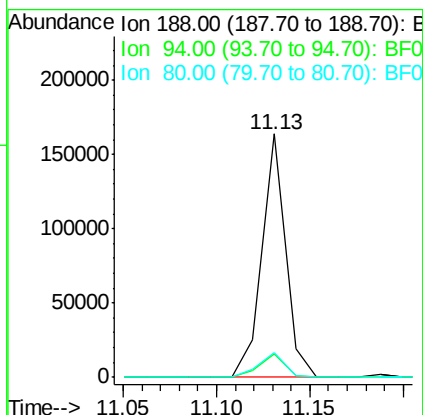
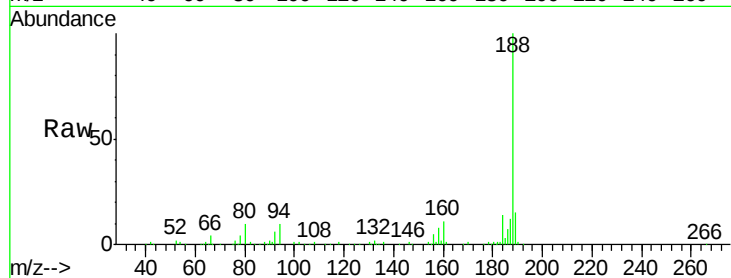




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.13 min Scan# 835
Delta R.T. 0.00 min
Lab File: BF089124.D
Acq: 19 Jul 2016 18:10

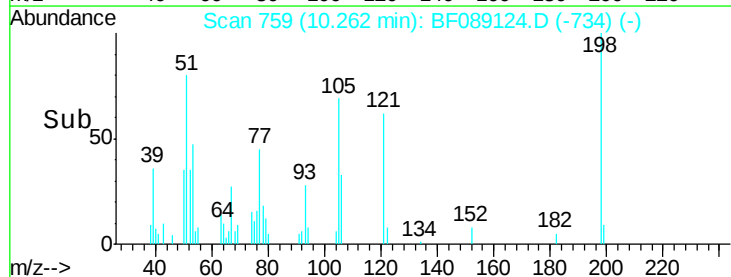
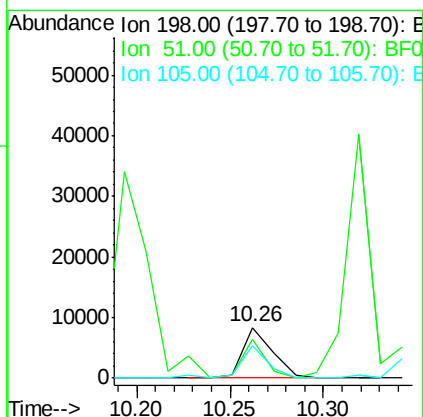
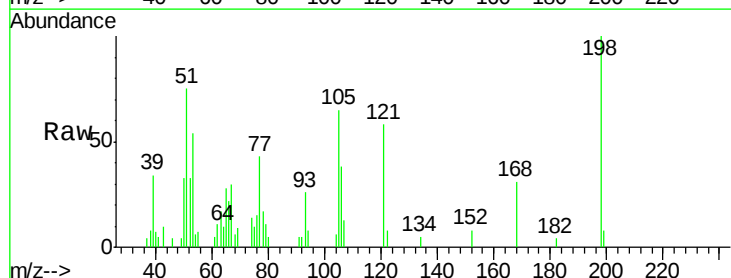
Instrument :
BNA_F
ClientSampleId :
HSR-WC-60-071116MS

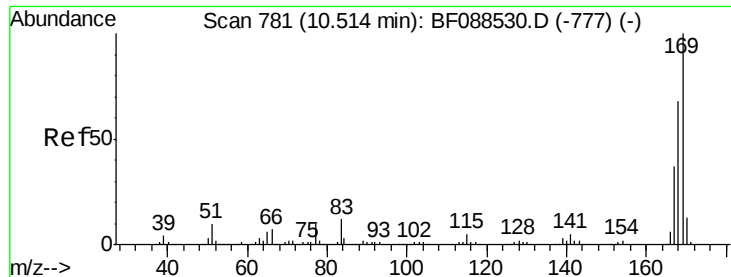
Tgt Ion:188 Resp: 143098
Ion Ratio Lower Upper
188 100
94 9.6 9.0 13.6
80 10.4 10.0 15.0



#64
4,6-Dinitro-2-methylphenol
Concen: 12.09 ng
RT: 10.26 min Scan# 759
Delta R.T. -0.01 min
Lab File: BF089124.D
Acq: 19 Jul 2016 18:10

Tgt Ion:198 Resp: 9253
Ion Ratio Lower Upper
198 100
51 75.0 39.6 79.6
105 64.8 36.6 76.6

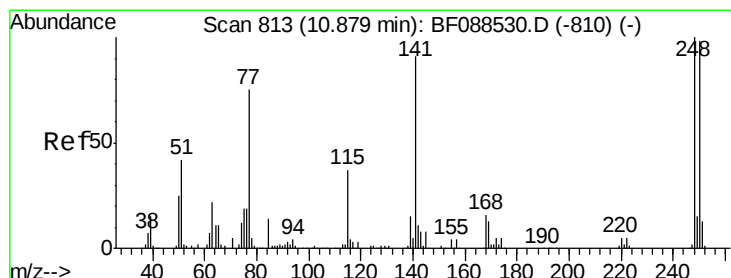
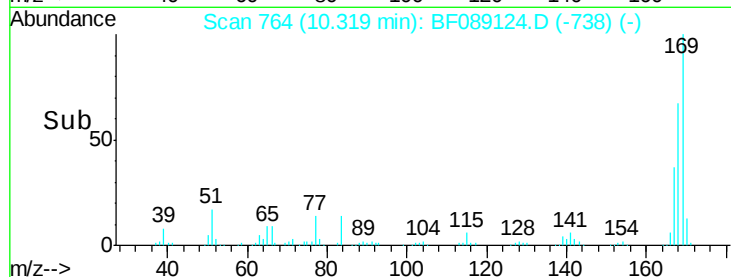
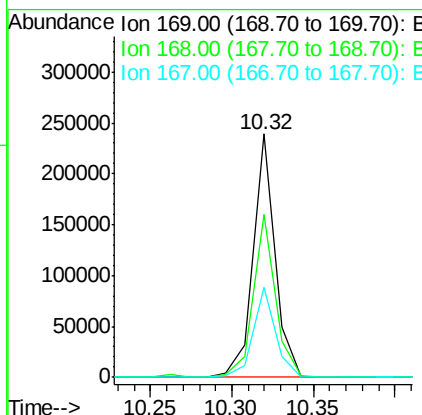
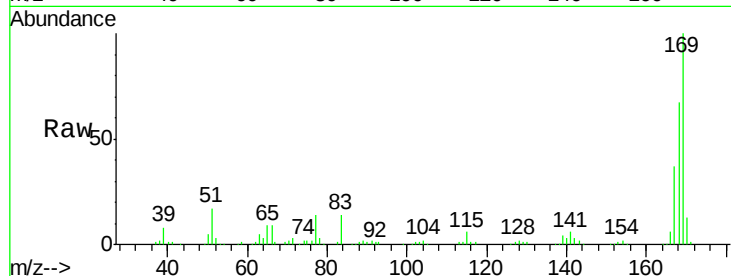




#65
 n-Nitrosodiphenylamine
 Concen: 45.90 ng
 RT: 10.32 min Scan# 764
 Delta R.T. 0.00 min
 Lab File: BF089124.D
 Acq: 19 Jul 2016 18:10

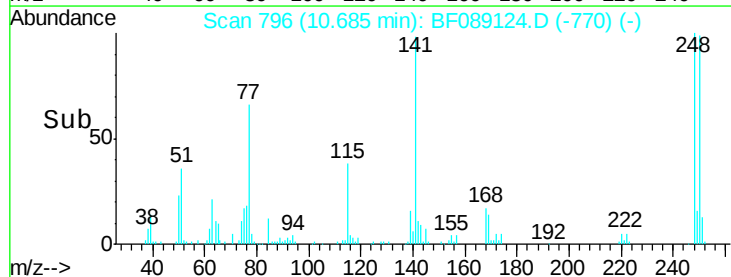
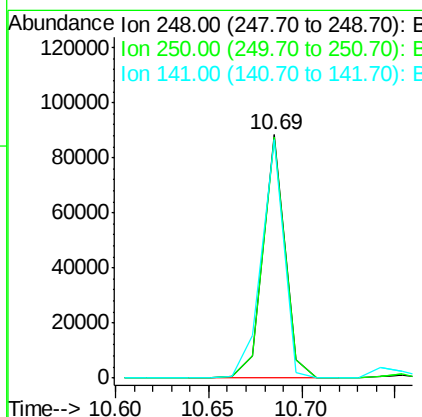
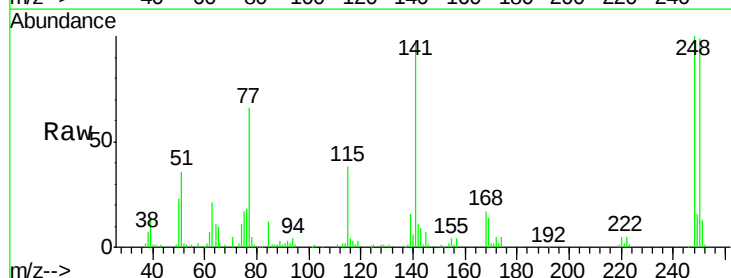
Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-60-071116MS

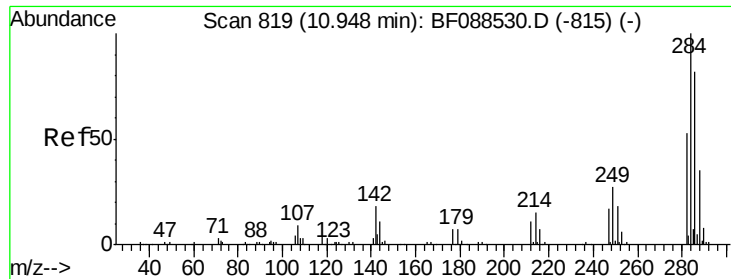
Tgt Ion:169 Resp: 222285
 Ion Ratio Lower Upper
 169 100
 168 67.0 53.4 80.0
 167 36.9 29.4 44.0



#66
 4-Bromophenyl-phenylether
 Concen: 49.38 ng
 RT: 10.69 min Scan# 796
 Delta R.T. 0.00 min
 Lab File: BF089124.D
 Acq: 19 Jul 2016 18:10

Tgt Ion:248 Resp: 71206
 Ion Ratio Lower Upper
 248 100
 250 98.9 77.1 115.7
 141 97.7 50.6 76.0#

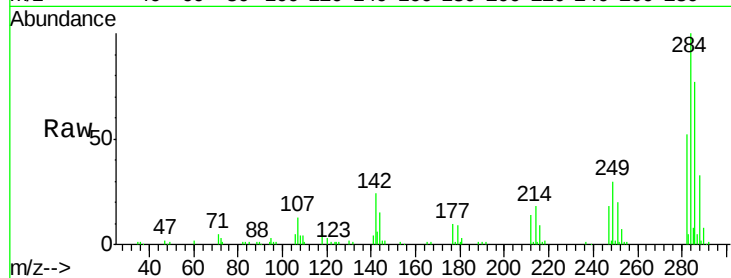




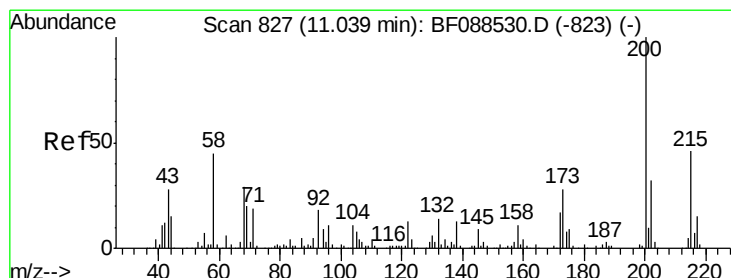
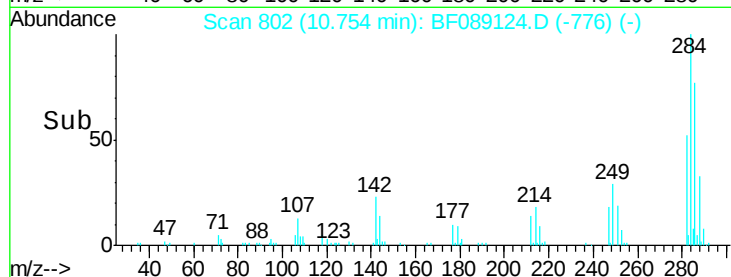
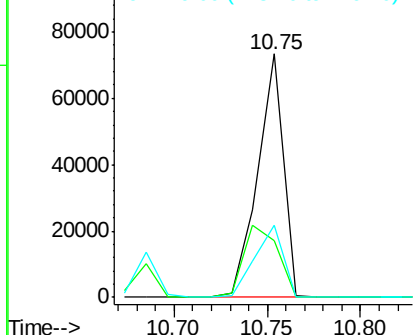
#67
Hexachlorobenzene
Concen: 43.65 ng
RT: 10.75 min Scan# 802
Delta R.T. 0.00 min
Lab File: BF089124.D
Acq: 19 Jul 2016 18:10

Instrument :
BNA_F
ClientSampleId :
HSR-WC-60-071116MS

Tgt Ion:284 Resp: 69680
Ion Ratio Lower Upper
284 100
142 23.6 35.8 53.8#
249 29.8 25.8 38.6

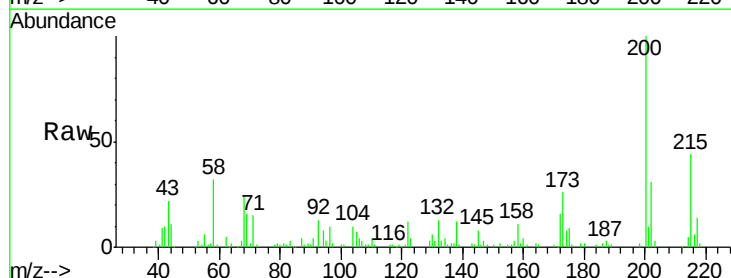


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

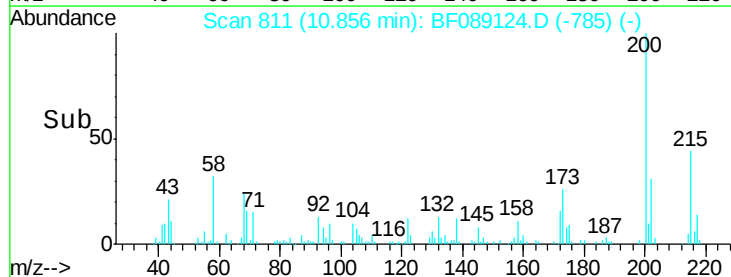
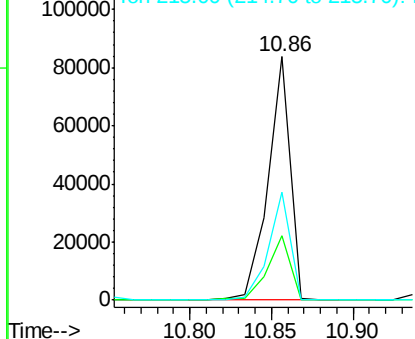


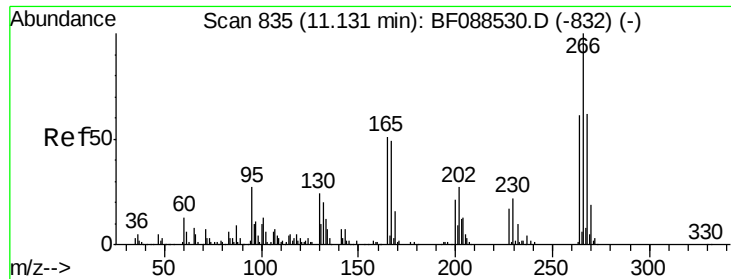
#68
Atrazine
Concen: 52.19 ng
RT: 10.86 min Scan# 811
Delta R.T. 0.00 min
Lab File: BF089124.D
Acq: 19 Jul 2016 18:10

Tgt Ion:200 Resp: 78761
Ion Ratio Lower Upper
200 100
173 26.4 4.0 44.0
215 44.4 29.3 69.3



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

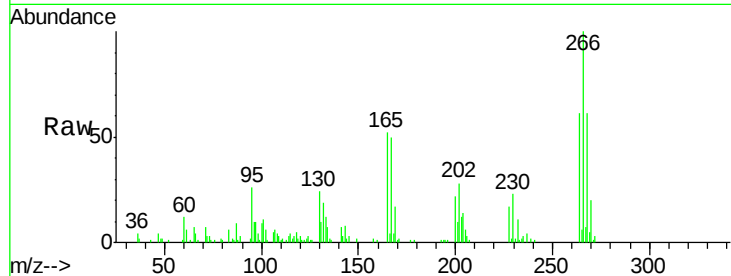




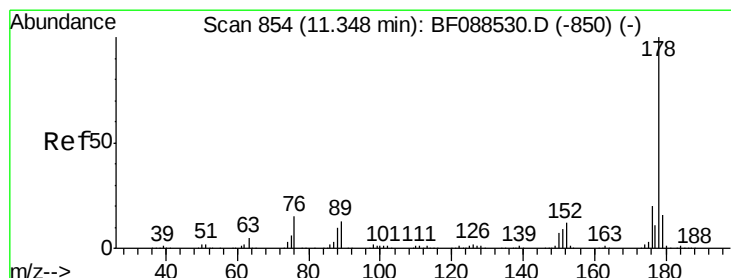
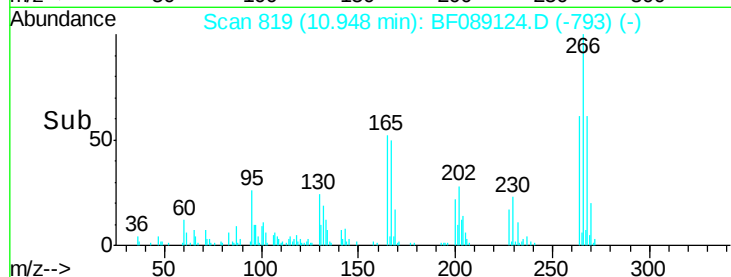
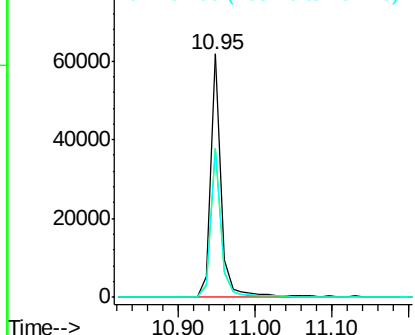
#69
 Pentachlorophenol
 Concen: 61.44 ng
 RT: 10.95 min Scan# 819
 Delta R.T. 0.00 min
 Lab File: BF089124.D
 Acq: 19 Jul 2016 18:10

Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-60-071116MS

Tgt Ion:266 Resp: 58044
 Ion Ratio Lower Upper
 266 100
 268 61.4 52.8 79.2
 264 61.4 49.6 74.4

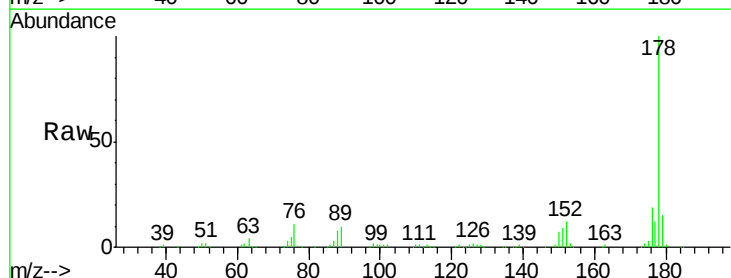


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

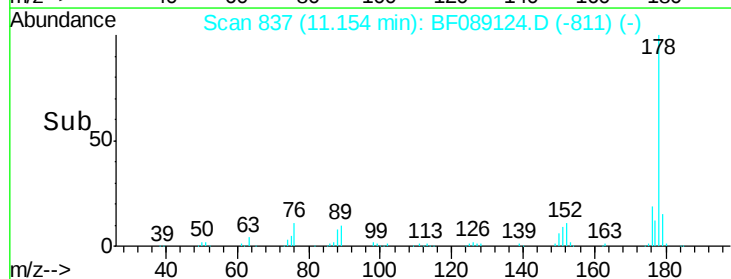
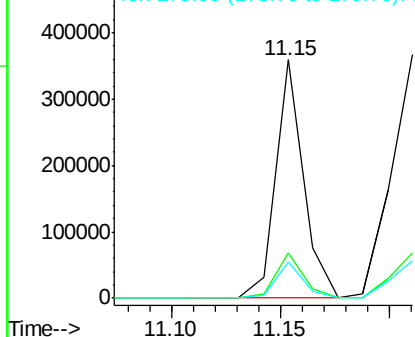


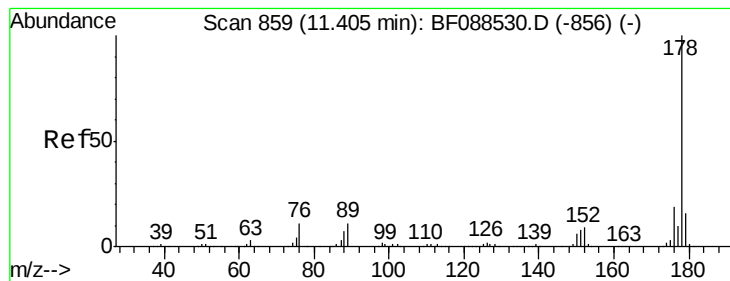
#70
 Phenanthrene
 Concen: 41.07 ng
 RT: 11.15 min Scan# 837
 Delta R.T. 0.00 min
 Lab File: BF089124.D
 Acq: 19 Jul 2016 18:10

Tgt Ion:178 Resp: 321236
 Ion Ratio Lower Upper
 178 100
 176 18.9 15.8 23.6
 179 15.4 13.0 19.4



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





#71

Anthracene

Concen: 47.59 ng

RT: 11.21 min Scan# 842

Delta R.T. 0.00 min

Lab File: BF089124.D

Acq: 19 Jul 2016 18:10

Instrument :

BNA_F

ClientSampleId :

HSR-WC-60-071116MS

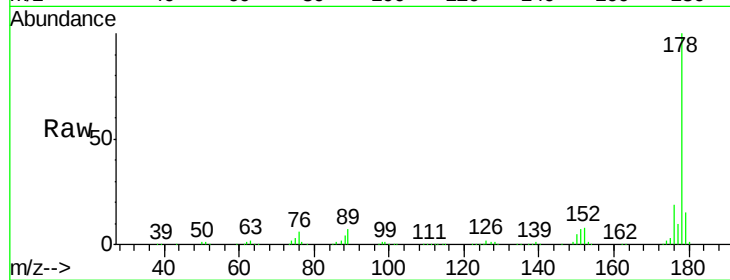
Tgt Ion:178 Resp: 370178

Ion Ratio Lower Upper

178 100

176 18.7 15.6 23.4

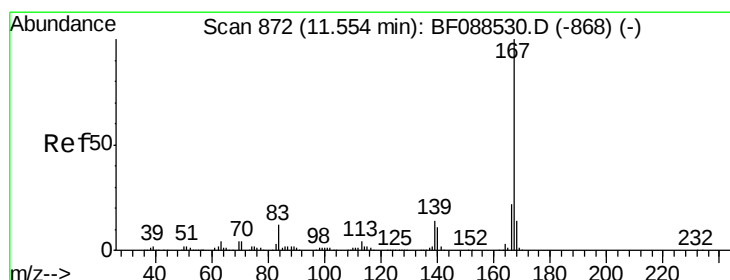
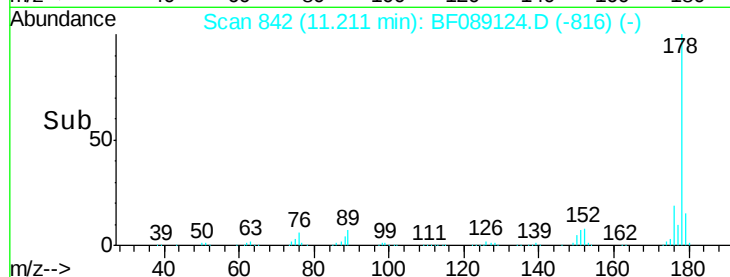
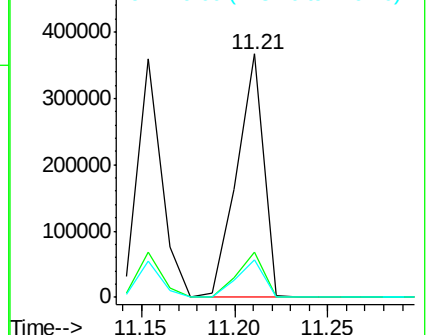
179 15.2 12.8 19.2



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 40.15 ng

RT: 11.37 min Scan# 856

Delta R.T. 0.00 min

Lab File: BF089124.D

Acq: 19 Jul 2016 18:10

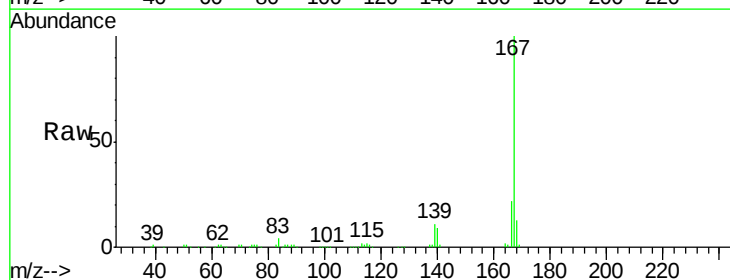
Tgt Ion:167 Resp: 293890

Ion Ratio Lower Upper

167 100

166 21.8 17.8 26.6

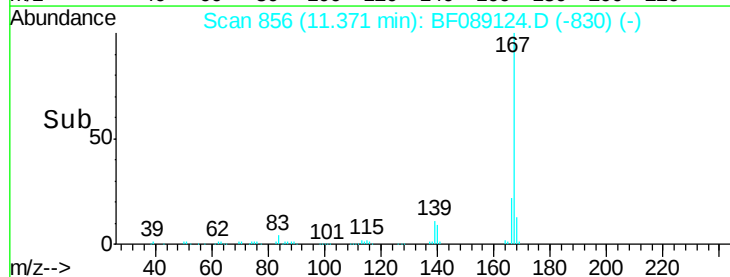
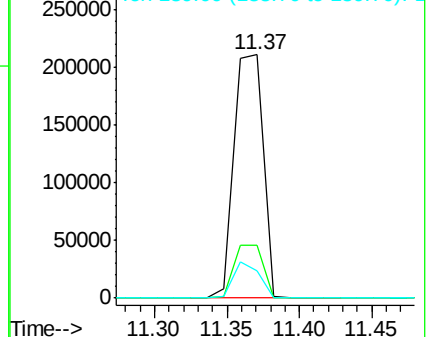
139 11.3 11.2 16.8

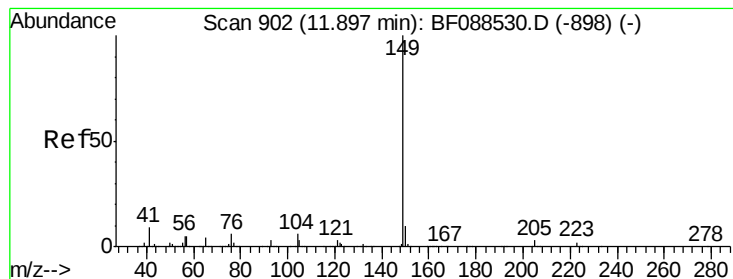


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 48.83 ng

RT: 11.70 min Scan# 885

Delta R.T. -0.01 min

Lab File: BF089124.D

Acq: 19 Jul 2016 18:10

Instrument :

BNA_F

ClientSampleId :

HSR-WC-60-071116MS

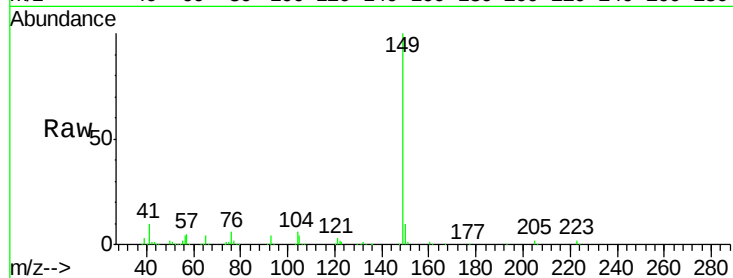
Tgt Ion:149 Resp: 415839

Ion Ratio Lower Upper

149 100

150 9.5 7.8 11.6

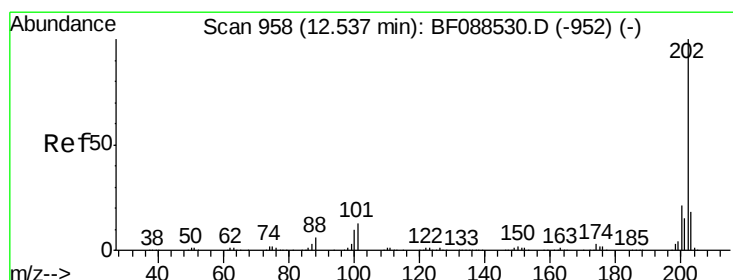
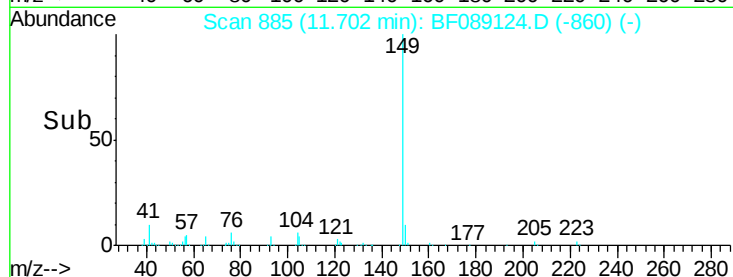
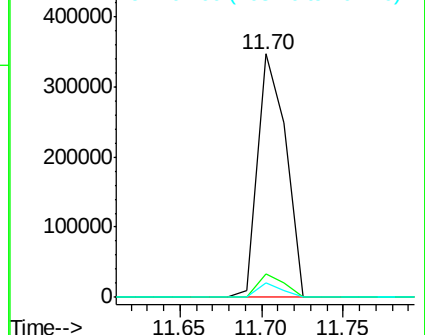
104 6.0 4.0 6.0#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 36.11 ng

RT: 12.33 min Scan# 940

Delta R.T. -0.01 min

Lab File: BF089124.D

Acq: 19 Jul 2016 18:10

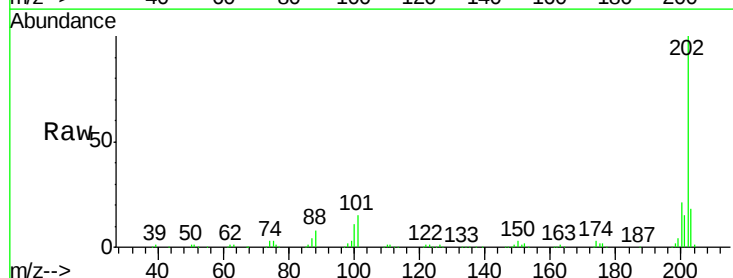
Tgt Ion:202 Resp: 286338

Ion Ratio Lower Upper

202 100

101 14.8 0.0 33.1

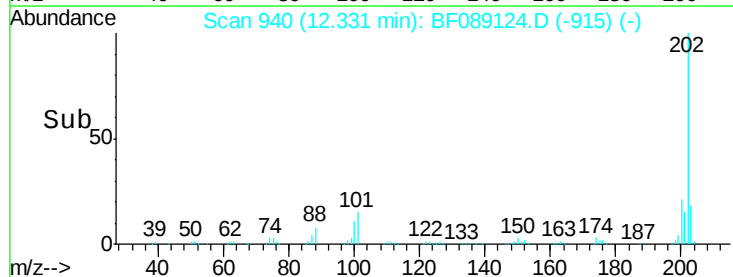
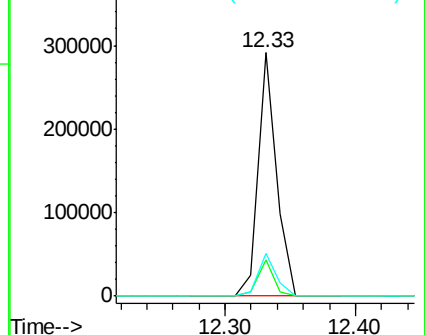
203 17.5 0.0 38.1

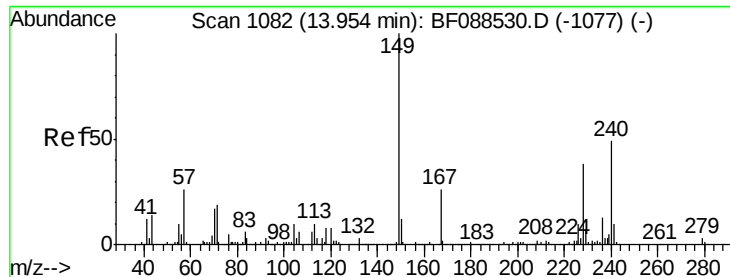


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.75 min Scan# 1064

Delta R.T. -0.01 min

Lab File: BF089124.D

Acq: 19 Jul 2016 18:10

Instrument :

BNA_F

ClientSampleId :

HSR-WC-60-071116MS

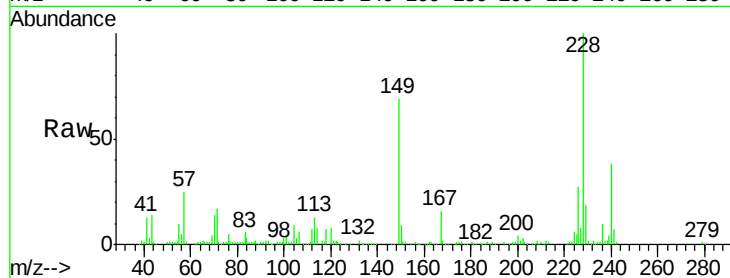
Tgt Ion:240 Resp: 89985

Ion Ratio Lower Upper

240 100

120 19.6 6.8 10.2#

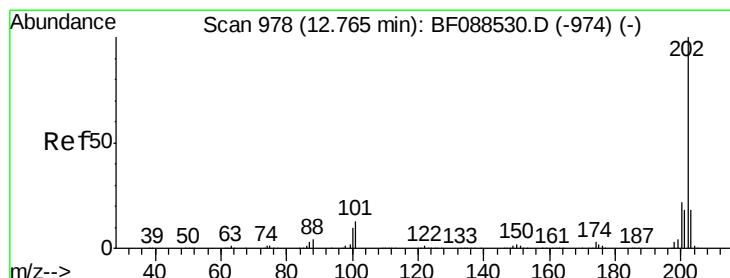
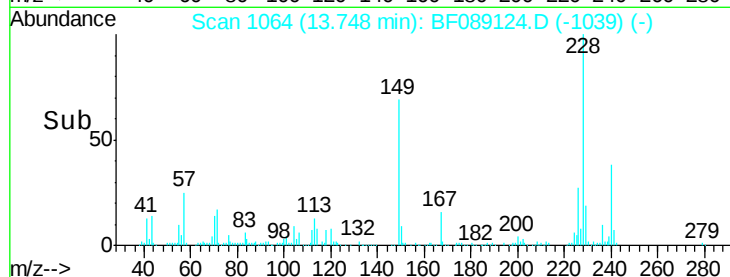
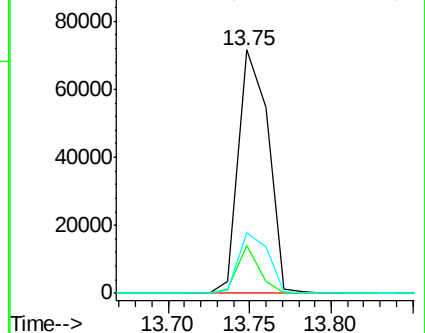
236 24.8 20.2 30.2



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#77

Pyrene

Concen: 41.73 ng

RT: 12.56 min Scan# 960

Delta R.T. 0.00 min

Lab File: BF089124.D

Acq: 19 Jul 2016 18:10

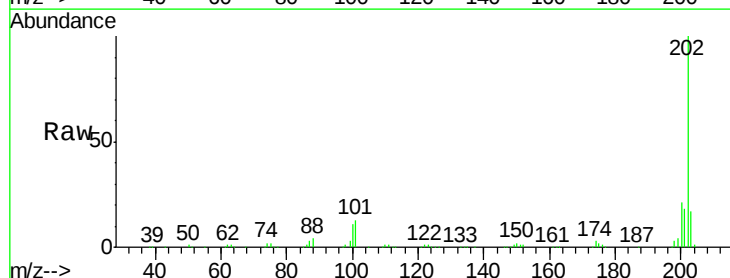
Tgt Ion:202 Resp: 318377

Ion Ratio Lower Upper

202 100

200 21.1 17.4 26.2

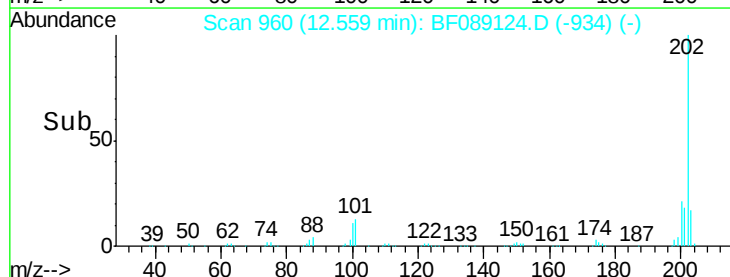
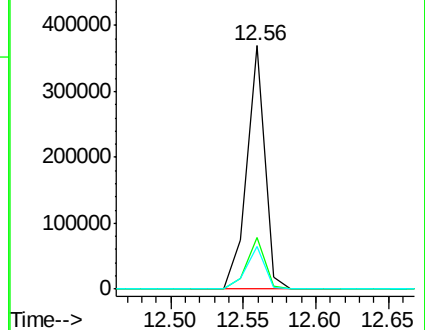
203 17.3 14.5 21.7

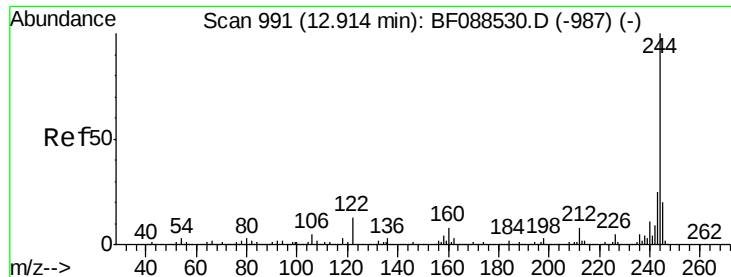


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

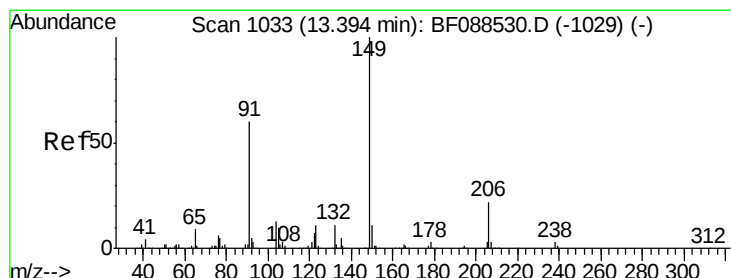
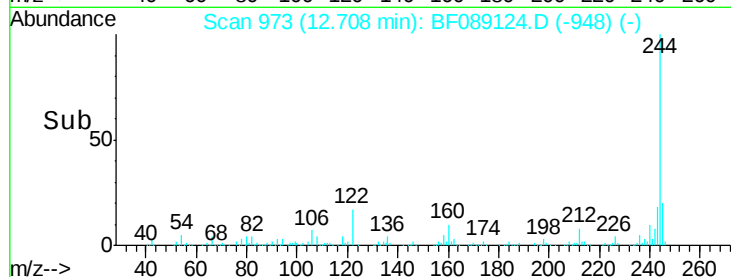
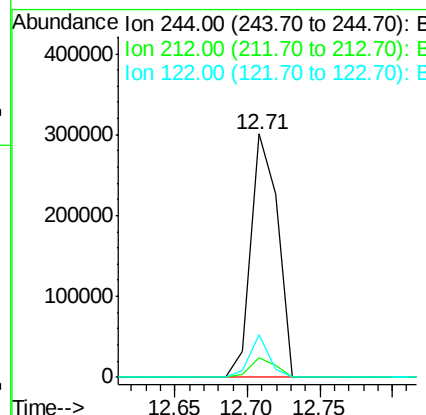
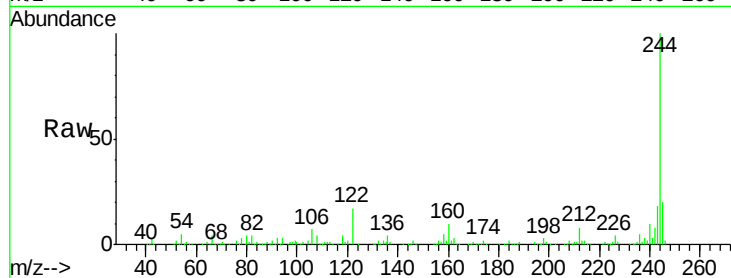




#78
 Terphenyl-d14
 Concen: 95.25 ng
 RT: 12.71 min Scan# 973
 Delta R.T. -0.01 min
 Lab File: BF089124.D
 Acq: 19 Jul 2016 18:10

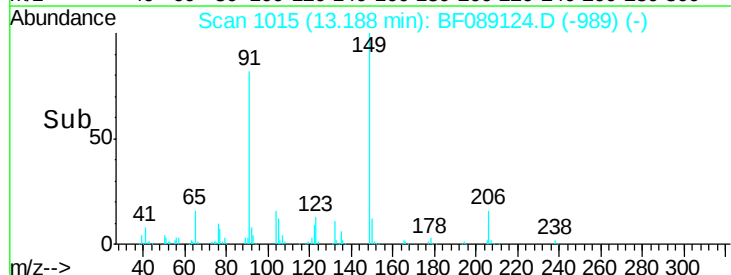
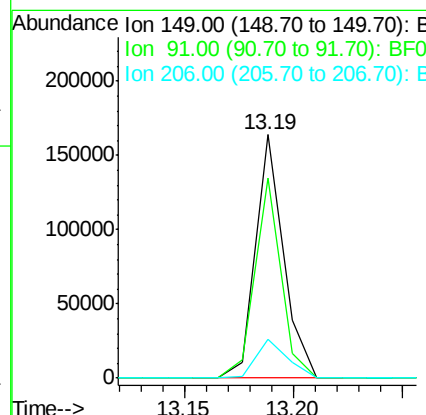
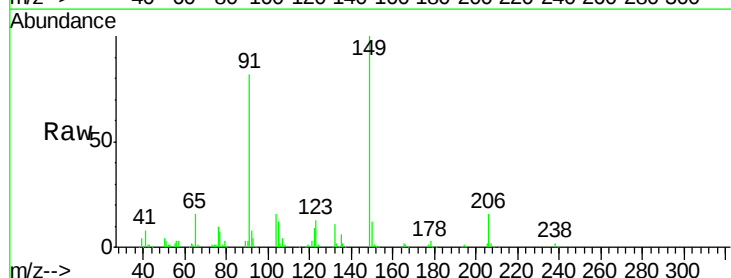
Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-60-071116MS

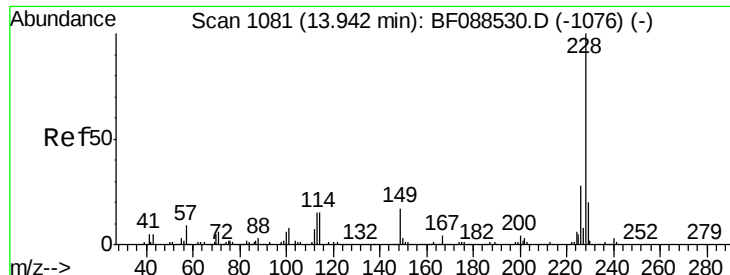
Tgt Ion: 244 Resp: 384832
 Ion Ratio Lower Upper
 244 100
 212 8.2 6.0 9.0
 122 17.4 11.2 16.8#



#79
 Butylbenzylphthalate
 Concen: 43.11 ng
 RT: 13.19 min Scan# 1015
 Delta R.T. 0.00 min
 Lab File: BF089124.D
 Acq: 19 Jul 2016 18:10

Tgt Ion: 149 Resp: 146711
 Ion Ratio Lower Upper
 149 100
 91 82.3 48.0 72.0#
 206 15.8 16.0 24.0#





#80

Benzo(a)anthracene

Concen: 45.80 ng

RT: 13.75 min Scan# 1064

Delta R.T. 0.00 min

Lab File: BF089124.D

Acq: 19 Jul 2016 18:10

Instrument :

BNA_F

ClientSampleId :

HSR-WC-60-071116MS

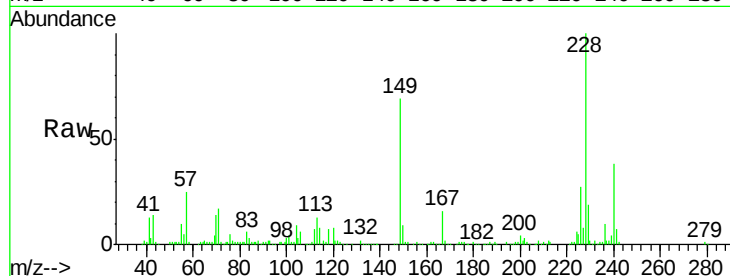
Tgt Ion:228 Resp: 265372

Ion Ratio Lower Upper

228 100

226 26.5 22.3 33.5

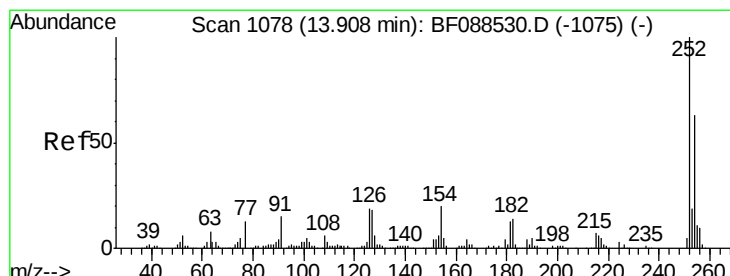
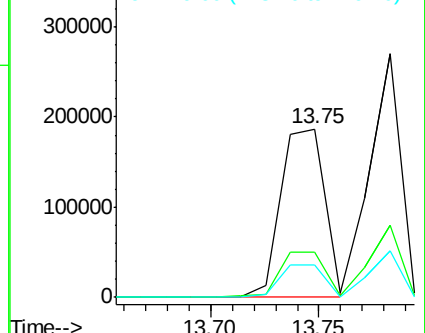
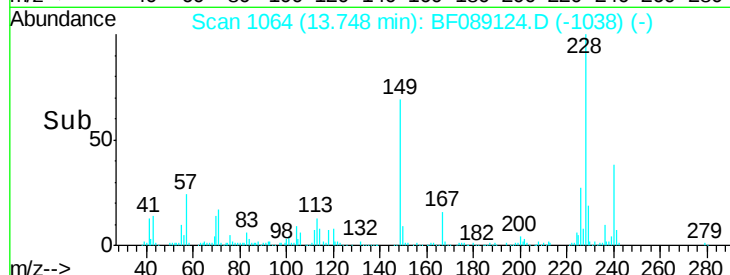
229 18.9 16.0 24.0



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#81

3,3'-Dichlorobenzidine

Concen: 34.76 ng

RT: 13.71 min Scan# 1061

Delta R.T. 0.00 min

Lab File: BF089124.D

Acq: 19 Jul 2016 18:10

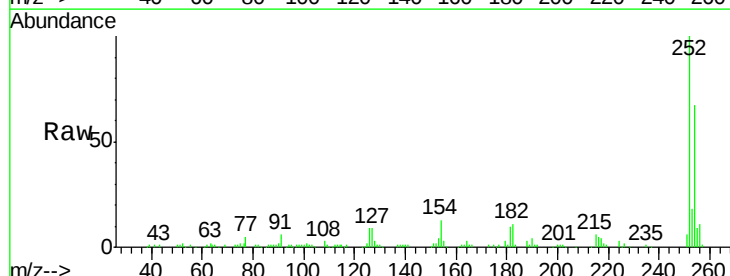
Tgt Ion:252 Resp: 75731

Ion Ratio Lower Upper

252 100

254 66.6 52.6 78.8

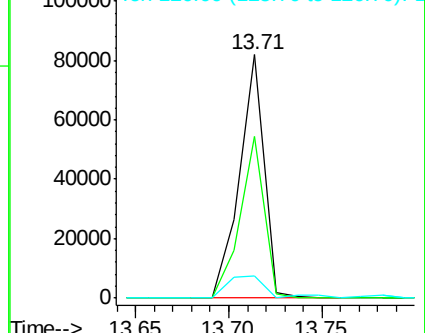
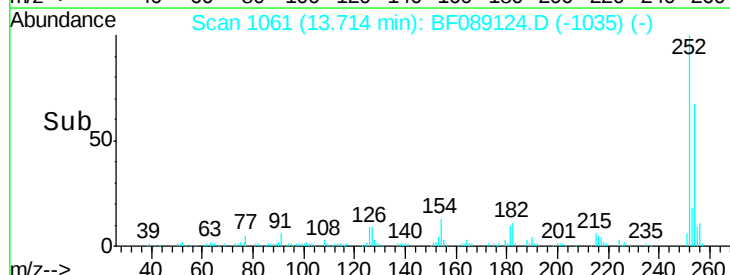
126 9.3 6.2 9.2#

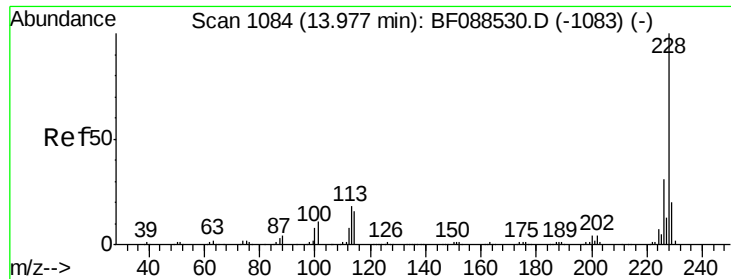


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#82

Chrysene

Concen: 46.39 ng

RT: 13.78 min Scan# 1067

Delta R.T. 0.00 min

Lab File: BF089124.D

Acq: 19 Jul 2016 18:10

Instrument :

BNA_F

ClientSampleId :

HSR-WC-60-071116MS

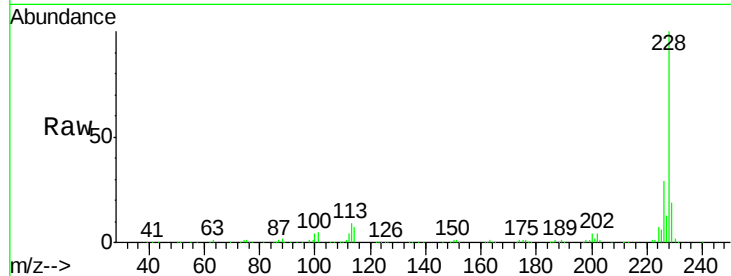
Tgt Ion: 228 Resp: 265945

Ion Ratio Lower Upper

228 100

226 29.5 25.4 38.2

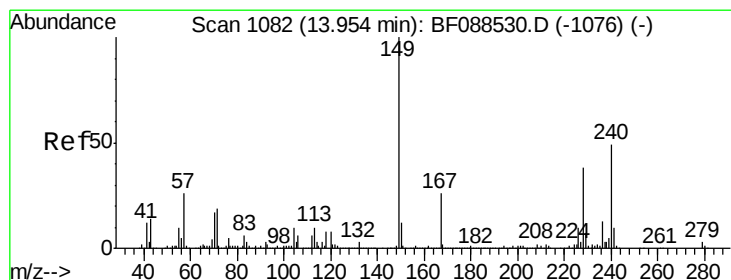
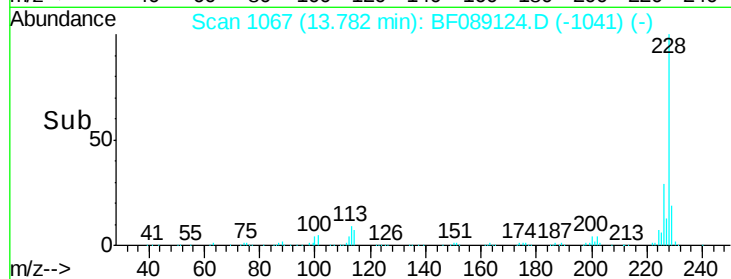
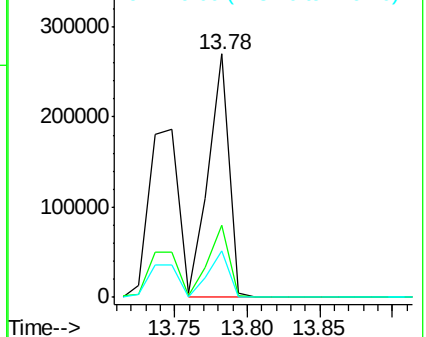
229 19.2 16.3 24.5



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#83

Bis(2-ethylhexyl)phthalate

Concen: 55.50 ng

RT: 13.76 min Scan# 1065

Delta R.T. 0.00 min

Lab File: BF089124.D

Acq: 19 Jul 2016 18:10

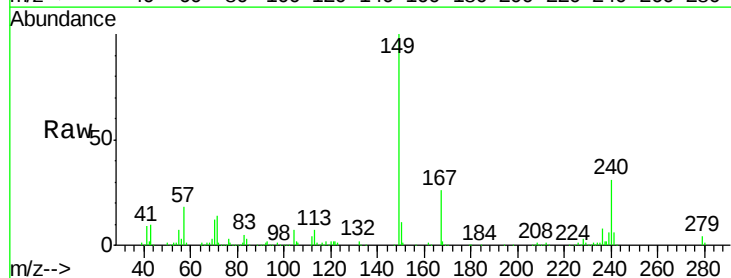
Tgt Ion: 149 Resp: 215625

Ion Ratio Lower Upper

149 100

167 26.4 20.5 30.7

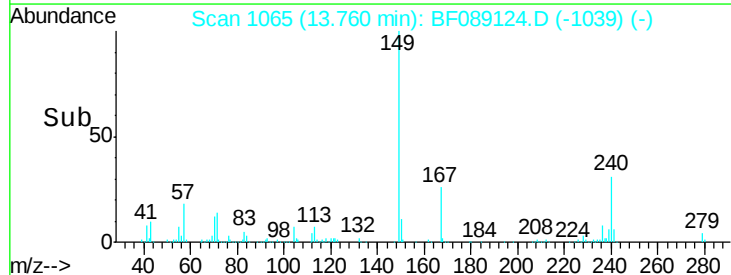
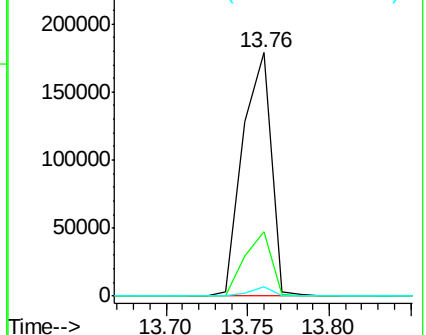
279 3.8 2.0 3.0#

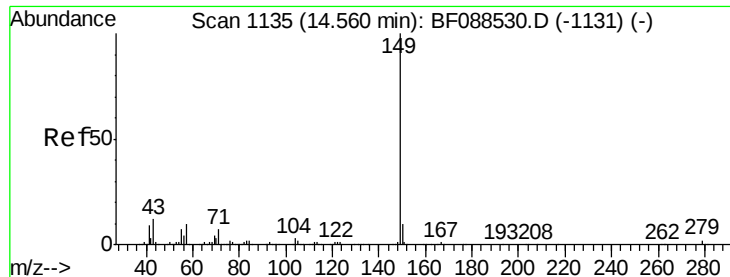


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#84

Di-n-octyl phthalate

Concen: 57.69 ng

RT: 14.37 min Scan# 1118

Delta R.T. 0.00 min

Lab File: BF089124.D

Acq: 19 Jul 2016 18:10

Instrument :

BNA_F

ClientSampleId :

HSR-WC-60-071116MS

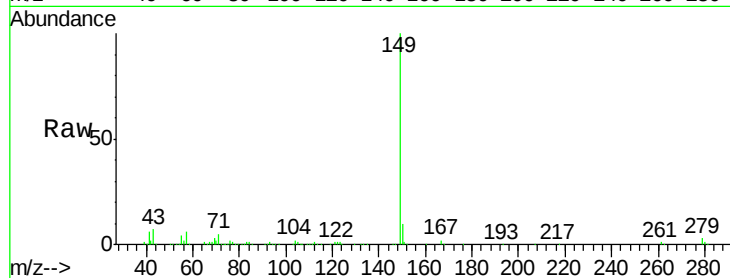
Tgt Ion:149 Resp: 380799

Ion Ratio Lower Upper

149 100

167 1.5 0.0 0.0#

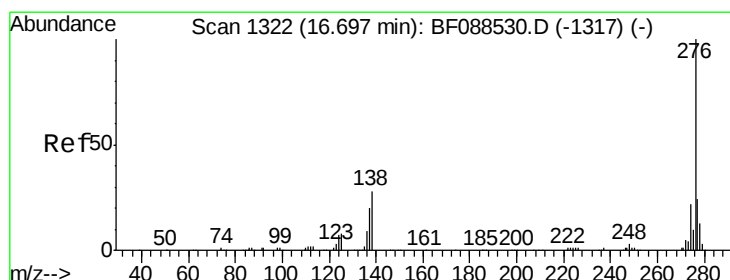
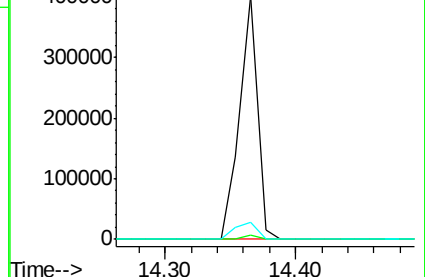
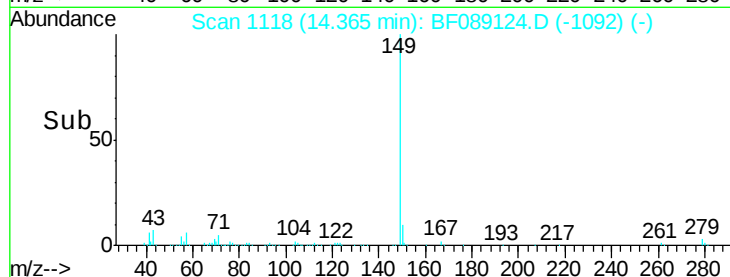
43 9.0 0.0 0.0#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0



#85

Indeno(1,2,3-cd)pyrene

Concen: 44.51 ng

RT: 16.34 min Scan# 1291

Delta R.T. -0.01 min

Lab File: BF089124.D

Acq: 19 Jul 2016 18:10

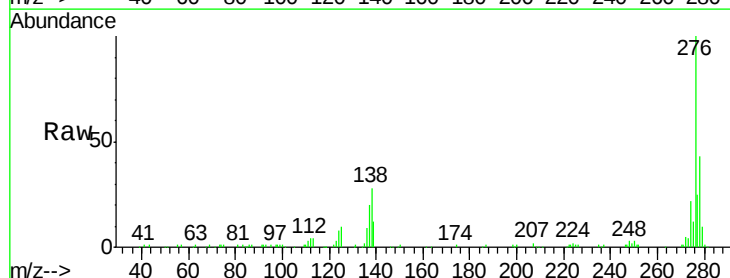
Tgt Ion:276 Resp: 196316

Ion Ratio Lower Upper

276 100

138 29.2 0.0 0.0#

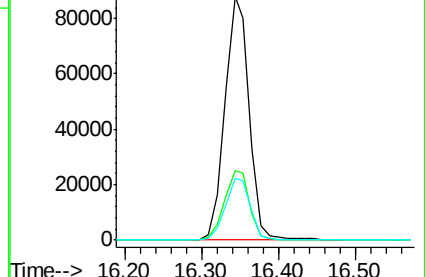
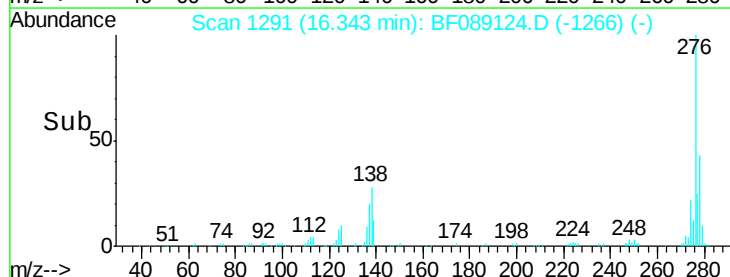
277 26.0 0.0 0.0#

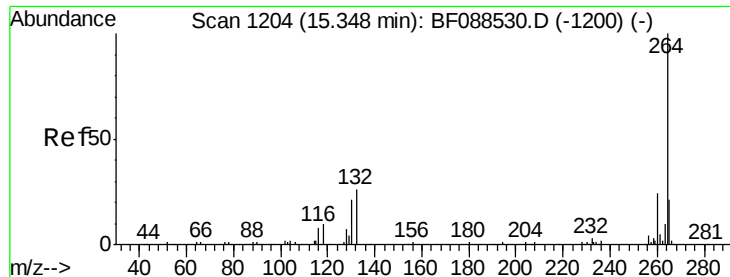


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

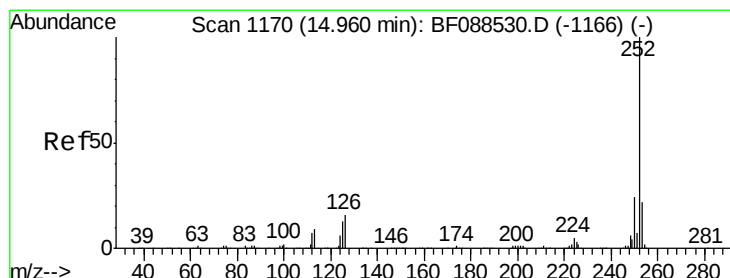
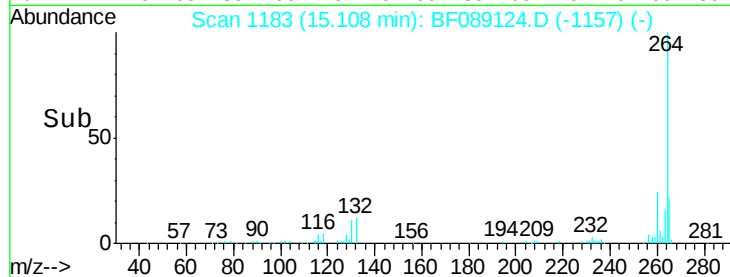
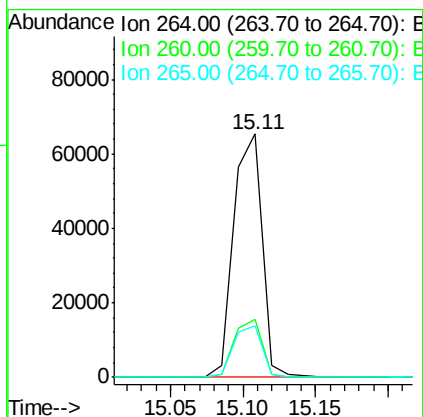
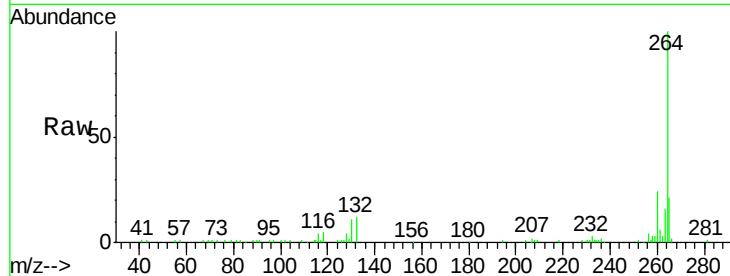




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.11 min Scan# 1183
Delta R.T. 0.00 min
Lab File: BF089124.D
Acq: 19 Jul 2016 18:10

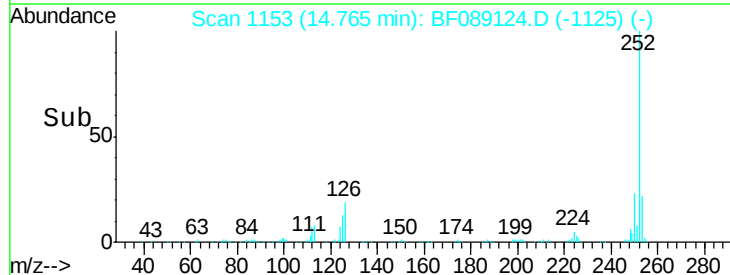
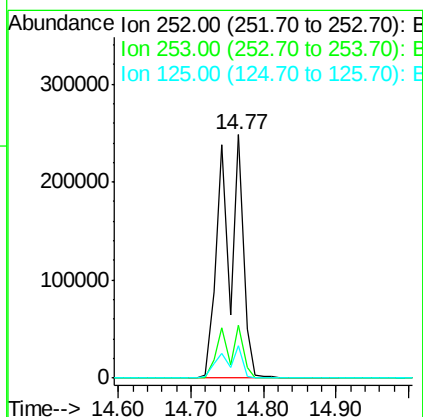
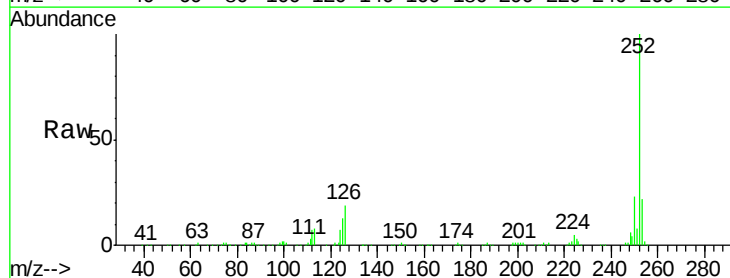
Instrument :
BNA_F
ClientSampleId :
HSR-WC-60-071116MS

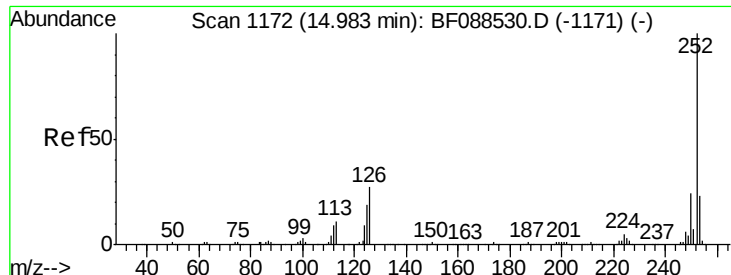
Tgt Ion: 264 Resp: 88674
Ion Ratio Lower Upper
264 100
260 23.7 19.2 28.8
265 21.0 16.9 25.3



#87
Benzo(b)fluoranthene
Concen: 86.37 ng
RT: 14.77 min Scan# 1153
Delta R.T. 0.02 min
Lab File: BF089124.D
Acq: 19 Jul 2016 18:10

Tgt Ion: 252 Resp: 480433
Ion Ratio Lower Upper
252 100
253 22.0 17.4 26.2
125 13.3 7.1 10.7#

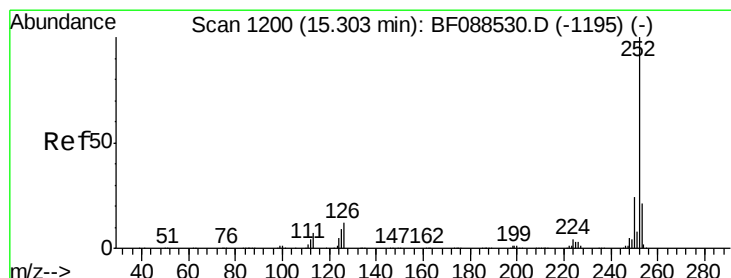
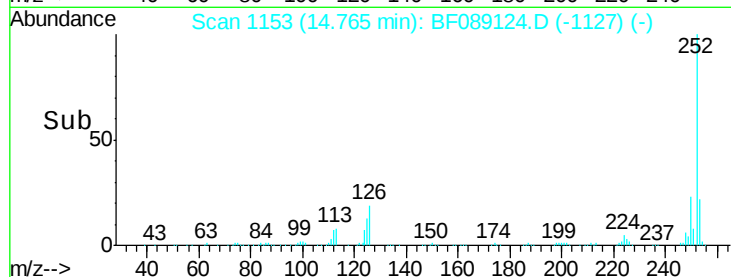
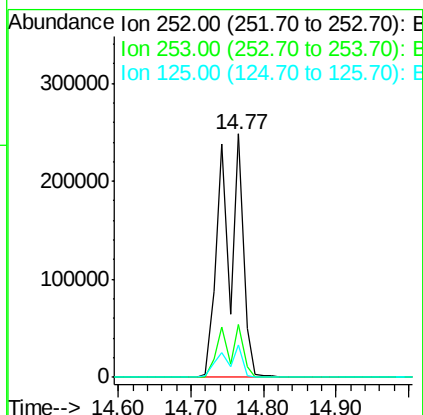
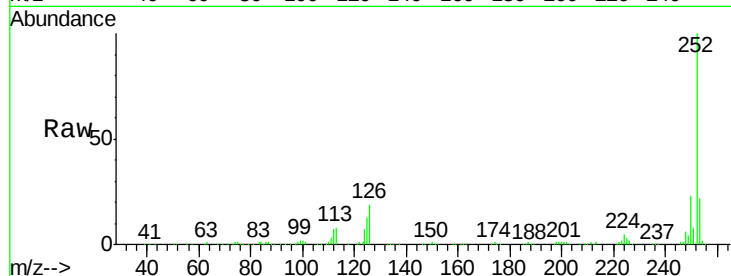




#88
Benzo(k)fluoranthene
Concen: 99.21 ng
RT: 14.77 min Scan# 1153
Delta R.T. 0.00 min
Lab File: BF089124.D
Acq: 19 Jul 2016 18:10

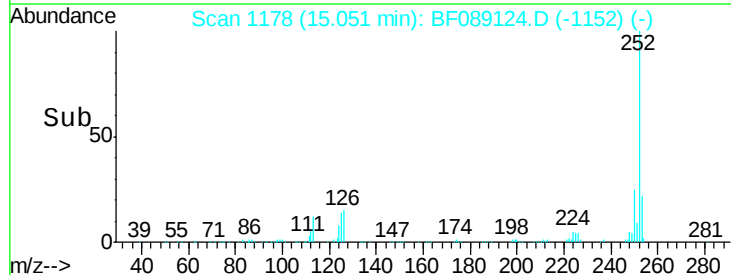
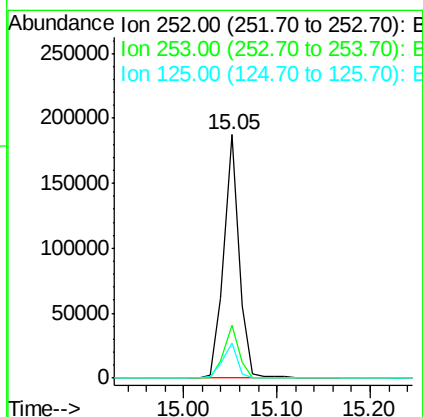
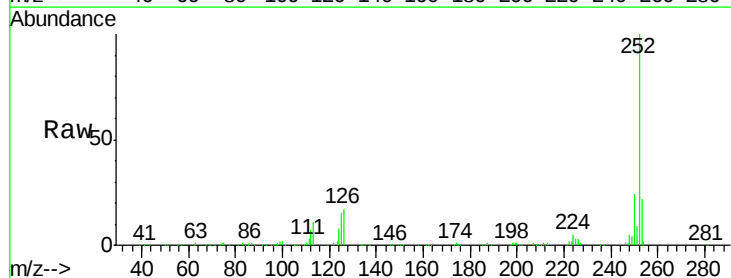
Instrument :
BNA_F
ClientSampleId :
HSR-WC-60-071116MS

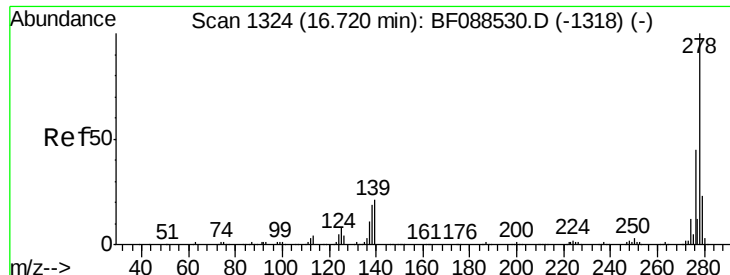
Tgt Ion:252 Resp: 480433
Ion Ratio Lower Upper
252 100
253 22.0 18.0 27.0
125 13.3 11.2 16.8



#89
Benzo(a)pyrene
Concen: 45.90 ng
RT: 15.05 min Scan# 1178
Delta R.T. 0.00 min
Lab File: BF089124.D
Acq: 19 Jul 2016 18:10

Tgt Ion:252 Resp: 216184
Ion Ratio Lower Upper
252 100
253 21.8 17.9 26.9
125 14.5 12.5 18.7





#90

Dibenzo(a,h)anthracene

Concen: 42.72 ng

RT: 16.35 min Scan# 1292

Delta R.T. -0.01 min

Lab File: BF089124.D

Acq: 19 Jul 2016 18:10

Instrument :

BNA_F

ClientSampleId :

HSR-WC-60-071116MS

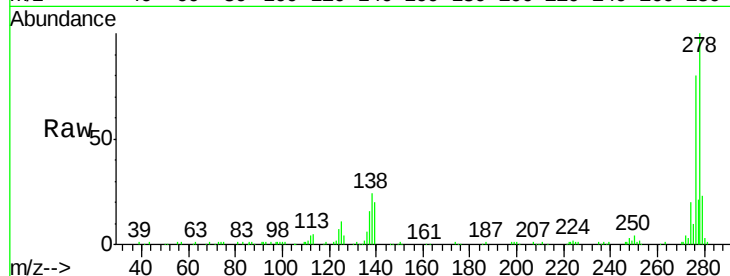
Tgt Ion: 278 Resp: 168025

Ion Ratio Lower Upper

278 100

139 20.3 15.7 23.5

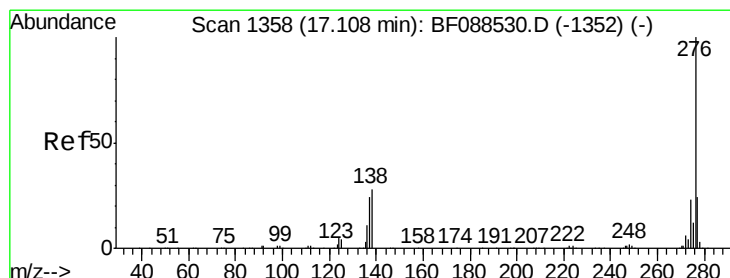
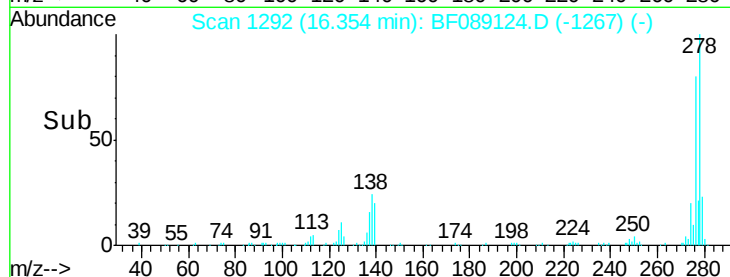
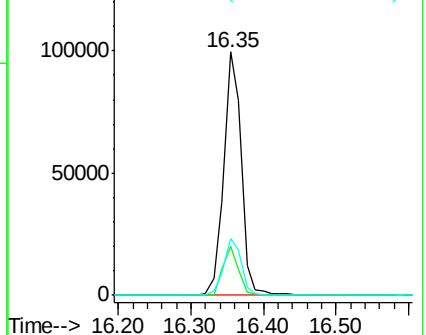
279 23.2 19.4 29.2



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#91

Benzo(g,h,i)perylene

Concen: 37.79 ng

RT: 16.72 min Scan# 1324

Delta R.T. 0.00 min

Lab File: BF089124.D

Acq: 19 Jul 2016 18:10

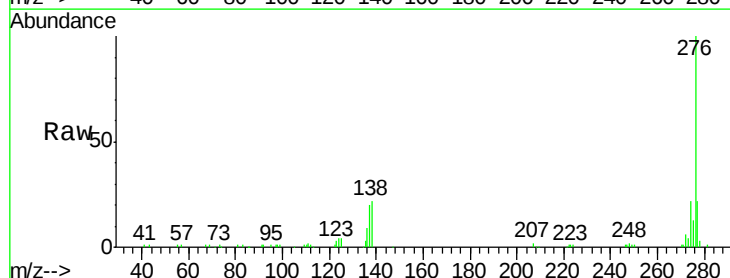
Tgt Ion: 276 Resp: 153804

Ion Ratio Lower Upper

276 100

277 22.5 18.9 28.3

138 21.8 21.4 32.2



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

