

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061516\
 Data File : BF088054.D
 Acq On : 16 Jun 2016 1:01
 Operator : UM/SJ
 Sample : H3510-01MSD
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-52-060916MSD

Quant Time: Jun 16 03:11:52 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 13 14:10:49 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	108922	20.00	ng	-0.05
21) Naphthalene-d8	8.03	136	440665	20.00	ng	-0.05
38) Acenaphthene-d10	9.78	164	181503	20.00	ng	-0.06
63) Phenanthrene-d10	11.27	188	304202	20.00	ng	-0.05
75) Chrysene-d12	13.90	240	212668	20.00	ng	-0.06
86) Perylene-d12	15.29	264	173093	20.00	ng	-0.07

System Monitoring Compounds

5) 2-Fluorophenol	5.36	112	687556	107.91	ng	-0.02
7) Phenol-d6	6.40	99	835477	108.20	ng	-0.03
23) Nitrobenzene-d5	7.31	82	620491	82.22	ng	-0.05
41) 2,4,6-Tribromophenol	10.57	330	196150	102.35	ng	-0.06
44) 2-Fluorobiphenyl	9.12	172	1146870	100.26	ng	-0.05
78) Terphenyl-d14	12.85	244	689359	73.76	ng	-0.06

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.48	88	106607	34.43	ng	# 87
3) Pyridine	3.13	79	159335	21.80	ng	100
4) n-Nitrosodimethylamine	3.06	42	119441	38.58	ng	81
6) Aniline	6.43	93	28946	2.63	ng	# 80
8) 2-Chlorophenol	6.54	128	330010	43.76	ng	88
9) Benzaldehyde	6.30	77	13843	2.59	ng	95
10) Phenol	6.41	94	339025	42.38	ng	97
11) bis(2-Chloroethyl)ether	6.49	93	297572	43.95	ng	89
12) 1,3-Dichlorobenzene	6.68	146	323518	39.98	ng	98
13) 1,4-Dichlorobenzene	6.76	146	344827	42.31	ng	99
14) 1,2-Dichlorobenzene	6.76	146	344827	46.52	ng	97
15) Benzyl Alcohol	6.90	79	123676	20.47	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.04	45	377259	41.24	ng	87
17) 2-Methylphenol	7.02	107	246020	40.23	ng	99
18) Hexachloroethane	7.26	117	120799	41.77	ng	91
19) n-Nitroso-di-n-propylamine	7.18	70	210508	42.62	ng	# 86
20) 3+4-Methylphenols	7.18	107	299031	41.91	ng	# 79
22) Acetophenone	7.16	105	419596	42.61	ng	# 95
24) Nitrobenzene	7.34	77	338597	46.32	ng	93
25) Isophorone	7.58	82	572847	40.98	ng	100
26) 2-Nitrophenol	7.66	139	177848	45.42	ng	# 73
27) 2,4-Dimethylphenol	7.70	122	305504	42.37	ng	97
28) bis(2-Chloroethoxy)methane	7.79	93	335994	38.76	ng	98
29) 2,4-Dichlorophenol	7.90	162	247830	41.17	ng	99
30) 1,2,4-Trichlorobenzene	7.98	180	273160	41.67	ng	99
31) Naphthalene	8.06	128	951228	43.62	ng	99
32) Benzoic acid	7.85	122	193705	48.79	ng	89
34) Hexachlorobutadiene	8.17	225	137792	39.86	ng	98
35) Caprolactam	8.52	113	18046	9.05	ng	87
36) 4-Chloro-3-methylphenol	8.60	107	258334	40.13	ng	97
37) 2-Methylnaphthalene	8.74	142	590169	41.06	ng	# 96
39) 1,2,4,5-Tetrachlorobenzene	8.91	216	239620	54.69	ng	# 1
40) Hexachlorocyclopentadiene	8.90	237	128548	43.91	ng	98
42) 2,4,6-Trichlorophenol	9.03	196	161938	44.62	ng	97

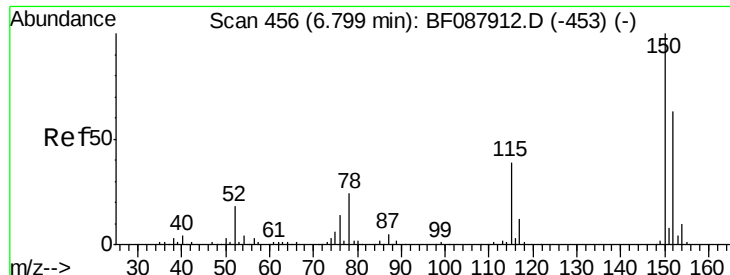
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	9.08	196	167024	44.23	ng	# 95
45) 1,1'-Biphenyl	9.21	154	650332	48.17	ng	99
46) 2-Chloronaphthalene	9.23	162	522436	44.48	ng	99
47) 2-Nitroaniline	9.34	65	145085	41.87	ng	# 78
48) Acenaphthylene	9.64	152	768234	41.12	ng	99
49) Dimethylphthalate	9.52	163	610553	46.44	ng	100
50) 2,6-Dinitrotoluene	9.58	165	132063	43.86	ng	# 64
51) Acenaphthene	9.82	154	523311	44.90	ng	99
53) 2,4-Dinitrophenol	9.86	184	112756	70.53	ng	# 65
54) Dibenzofuran	9.99	168	670166	41.75	ng	# 88
55) 4-Nitrophenol	9.92	139	159407	59.11	ng	89
56) 2,4-Dinitrotoluene	9.99	165	176759	45.68	ng	# 87
57) Fluorene	10.33	166	463229	42.43	ng	98
58) 2,3,4,6-Tetrachlorophenol	10.11	232	139818	47.12	ng	# 55
59) Diethylphthalate	10.22	149	631819	47.47	ng	99
60) 4-Chlorophenyl-phenylether	10.33	204	236849	44.37	ng	89
61) 4-Nitroaniline	10.35	138	58783	17.84	ng	95
62) Azobenzene	10.48	77	488081	37.09	ng	93
64) 4,6-Dinitro-2-methylphenol	10.39	198	83592	44.20	ng	# 78
65) n-Nitrosodiphenylamine	10.44	169	191083	18.93	ng	100
66) 4-Bromophenyl-phenylether	10.81	248	146315	44.83	ng	# 81
67) Hexachlorobenzene	10.88	284	158427	46.72	ng	# 88
68) Atrazine	10.97	200	12236	4.00	ng	95
69) Pentachlorophenol	11.07	266	147416	82.47	ng	97
70) Phenanthrene	11.29	178	753349	47.19	ng	99
71) Anthracene	11.34	178	700340	43.49	ng	99
72) Carbazole	11.50	167	241211	16.01	ng	97
73) Di-n-butylphthalate	11.84	149	903346	47.36	ng	# 98
74) Fluoranthene	12.47	202	630082	37.40	ng	96
77) Pyrene	12.70	202	614536	38.94	ng	100
79) Butylbenzylphthalate	13.33	149	331431	47.50	ng	94
80) Benzo(a)anthracene	13.89	228	498081	41.10	ng	100
82) Chrysene	13.92	228	487770	42.78	ng	99
83) Bis(2-ethylhexyl)phthalate	13.89	149	372463	43.85	ng	100
84) Di-n-octyl phthalate	14.50	149	724182	52.47	ng	# 100
85) Indeno(1,2,3-cd)pyrene	16.63	276	488764	46.14	ng	# 100
87) Benzo(b)fluoranthene	14.90	252	1084614	89.90	ng	# 97
88) Benzo(k)fluoranthene	14.90	252	1084784	119.20	ng	98
89) Benzo(a)pyrene	15.23	252	499832	51.21	ng	100
90) Dibenzo(a,h)anthracene	16.64	278	433845	47.86	ng	99
91) Benzo(g,h,i)perylene	17.03	276	404618	43.39	ng	100

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.74 min Scan# 451

Delta R.T. -0.05 min

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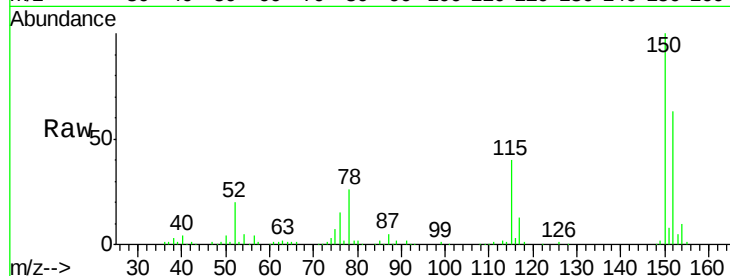
Tgt Ion:152 Resp: 108922

Ion Ratio Lower Upper

152 100

150 157.9 123.8 185.6

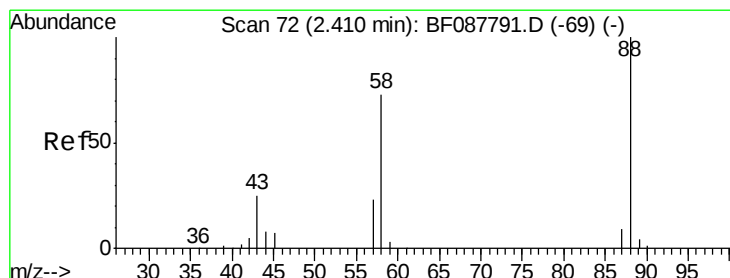
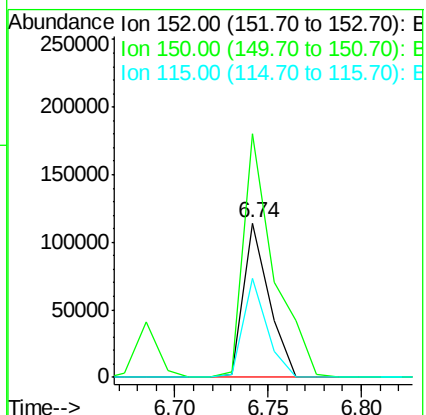
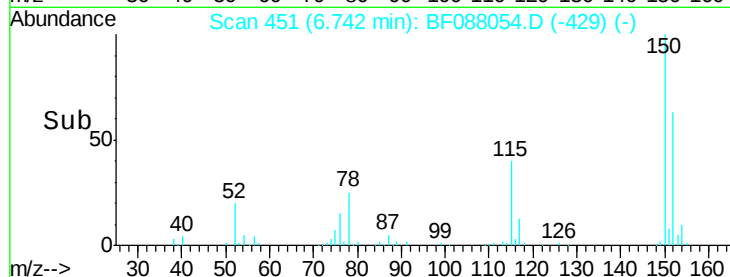
115 63.8 39.6 59.4#



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: 34.43 ng

RT: 2.48 min Scan# 78

Delta R.T. 0.16 min

Lab File: BF088054.D

Acq: 16 Jun 2016 1:01

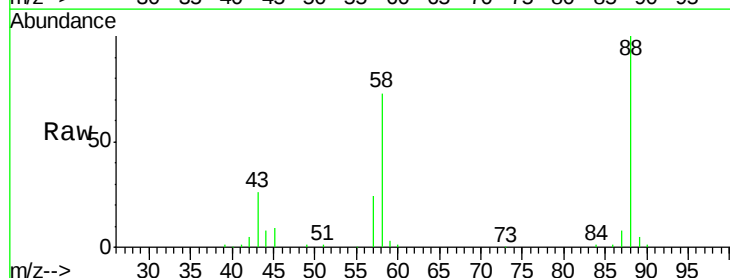
Tgt Ion: 88 Resp: 106607

Ion Ratio Lower Upper

88 100

58 69.5 0.0 0.0#

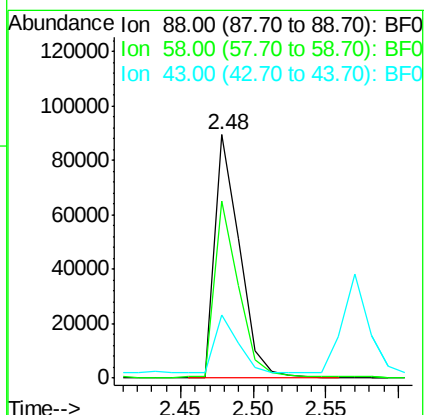
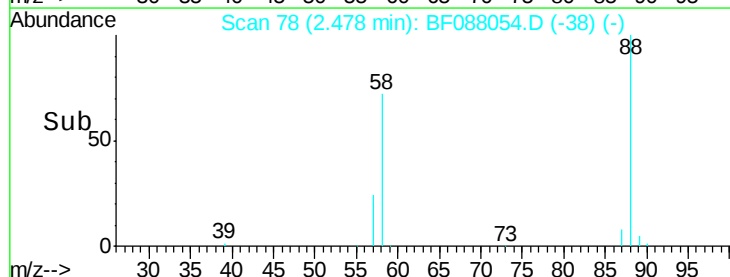
43 0.0 3.4 5.2#

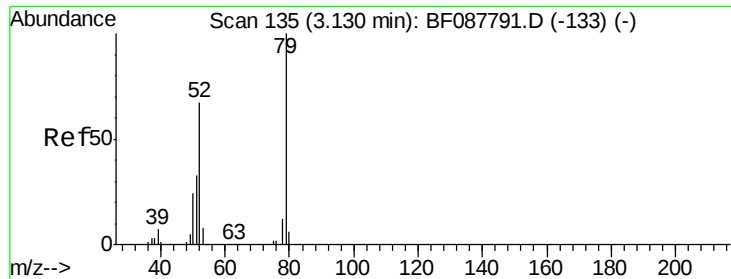


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0

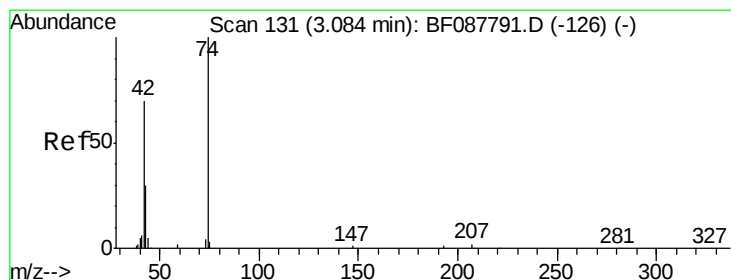
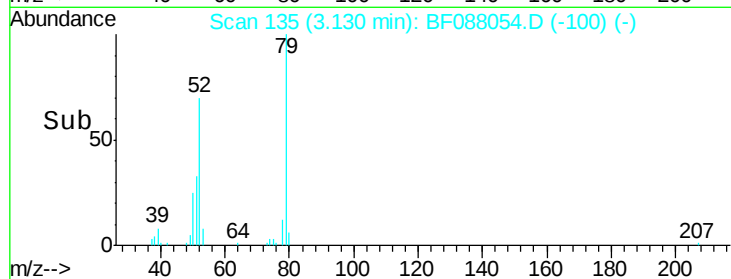
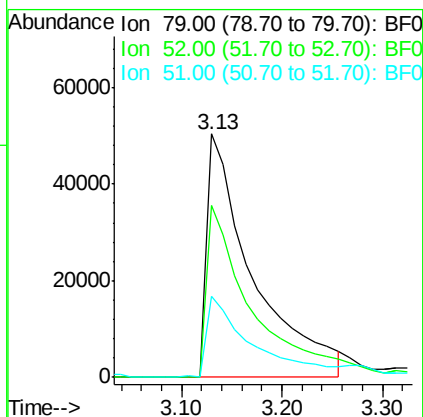
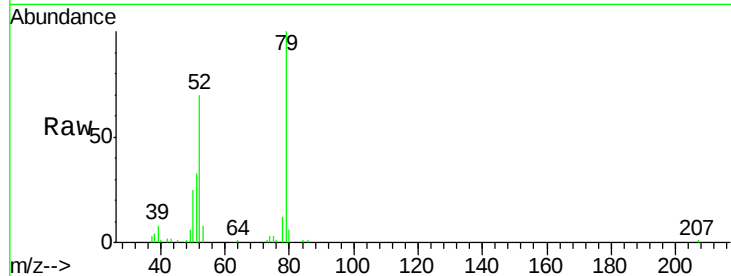




#3
 Pyridine
 Concen: 21.80 ng
 RT: 3.13 min Scan# 135
 Delta R.T. 0.10 min
 Lab File: BF088054.D
 Acq: 16 Jun 2016 1:01

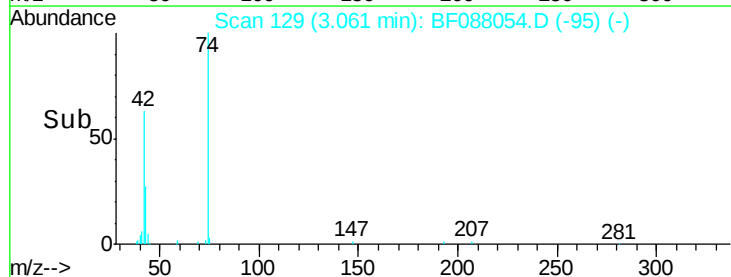
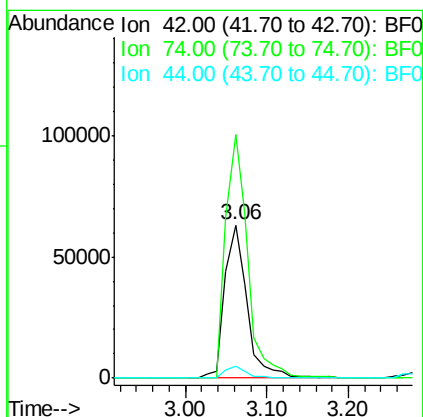
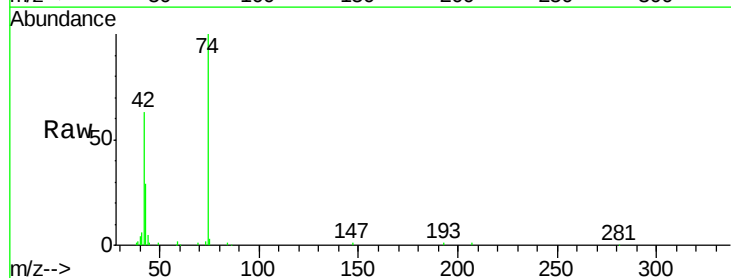
Instrument :
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 HSR-WC-52-060916MSD

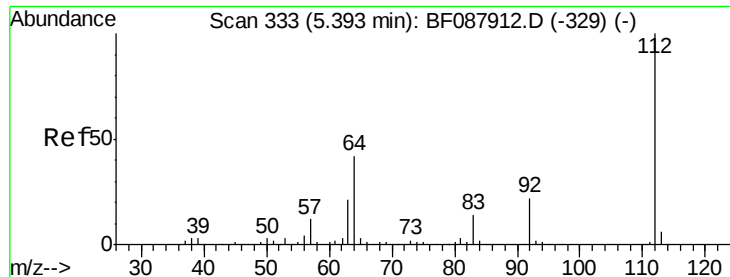
Tgt Ion: 79 Resp: 159335
 Ion Ratio Lower Upper
 79 100
 52 70.4 56.3 84.5
 51 33.5 27.4 41.2



#4
 n-Nitrosodimethylamine
 Concen: 38.58 ng
 RT: 3.06 min Scan# 129
 Delta R.T. 0.09 min
 Lab File: BF088054.D
 Acq: 16 Jun 2016 1:01

Tgt Ion: 42 Resp: 119441
 Ion Ratio Lower Upper
 42 100
 74 159.2 108.6 163.0
 44 7.6 5.5 8.3





#5

2-Fluorophenol

Concen: 107.91 ng

RT: 5.36 min Scan# 330

Delta R.T. -0.02 min

Lab File: BF088054.D

Acq: 16 Jun 2016 1:01

Instrument :

BNA_F

ClientSampleId :

HSR-WC-52-060916MSD

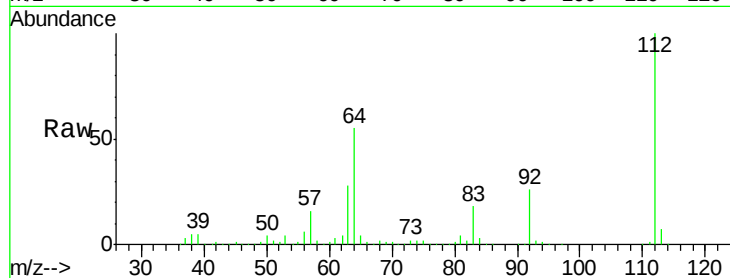
Tgt Ion: 112 Resp: 687556

Ion Ratio Lower Upper

112 100

64 55.4 42.2 63.2

63 28.2 21.8 32.8



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

5.36

800000

600000

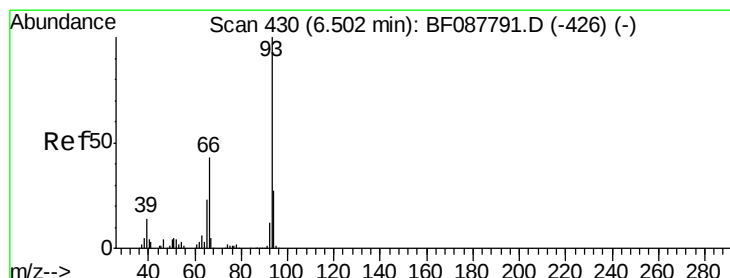
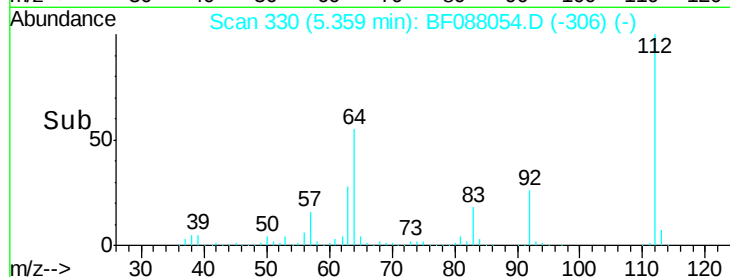
400000

200000

0

5.30 5.40 5.50

Time-->



#6

Aniline

Concen: 2.63 ng

RT: 6.43 min Scan# 424

Delta R.T. -0.02 min

Lab File: BF088054.D

Acq: 16 Jun 2016 1:01

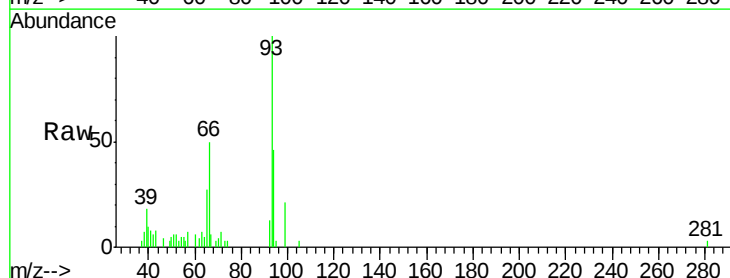
Tgt Ion: 93 Resp: 28946

Ion Ratio Lower Upper

93 100

66 49.6 29.8 44.8#

65 26.7 14.9 22.3#



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

6.43

400000

300000

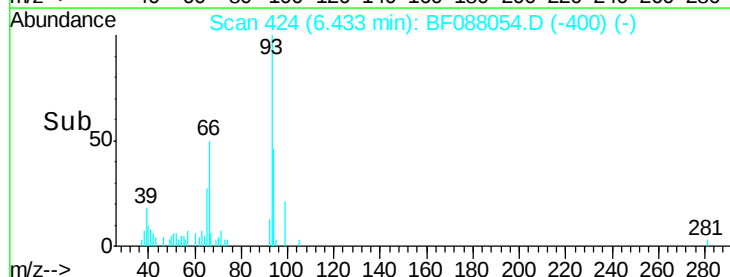
200000

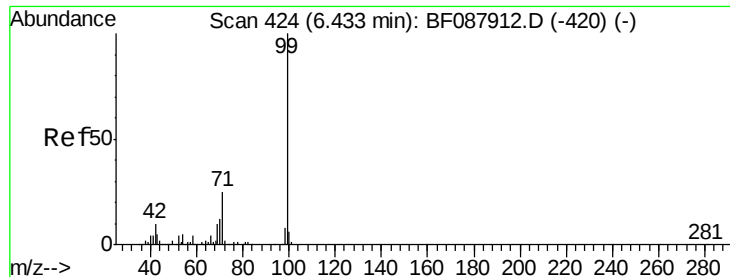
100000

0

6.35 6.40 6.45

Time-->





#7

Phenol-d6

Concen: 108.20 ng

RT: 6.40 min Scan# 421

Delta R.T. -0.03 min

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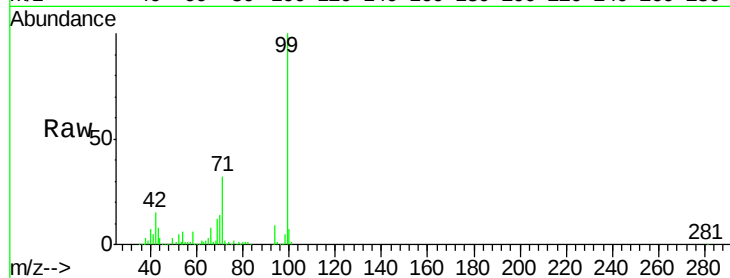
Tgt Ion: 99 Resp: 835477

Ion Ratio Lower Upper

99 100

42 15.1 12.2 18.2

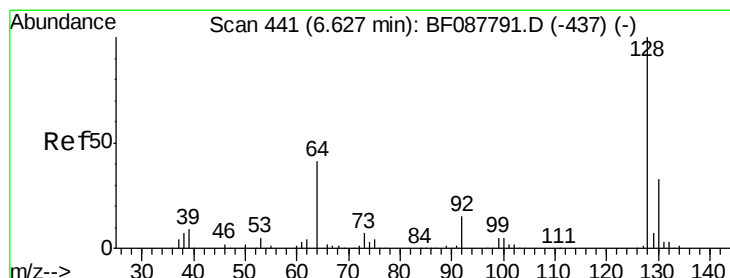
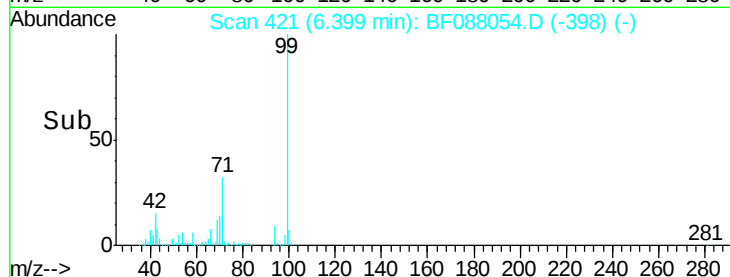
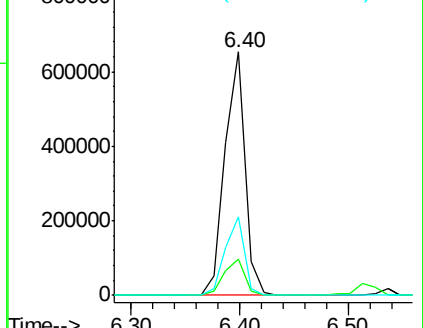
71 32.5 23.4 35.0



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: 43.76 ng

RT: 6.54 min Scan# 433

Delta R.T. -0.05 min

Lab File: BF088054.D

Acq: 16 Jun 2016 1:01

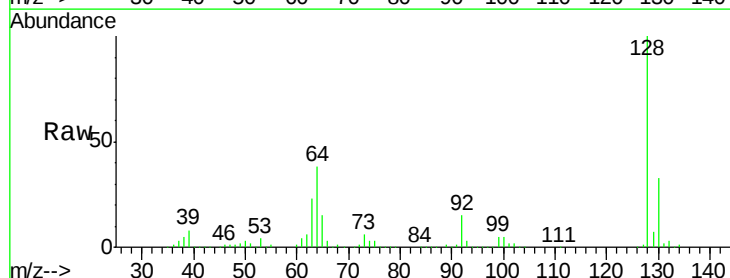
Tgt Ion: 128 Resp: 330010

Ion Ratio Lower Upper

128 100

130 32.9 12.0 52.0

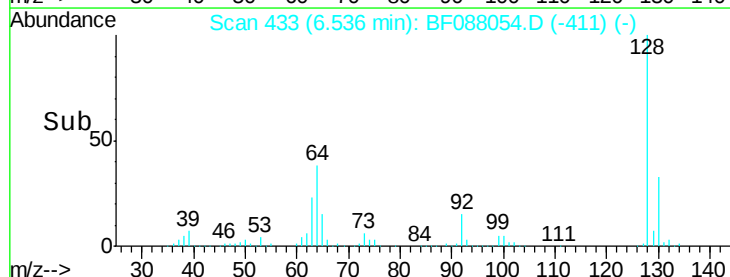
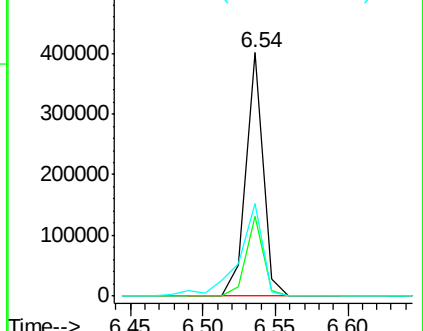
64 38.1 30.8 70.8

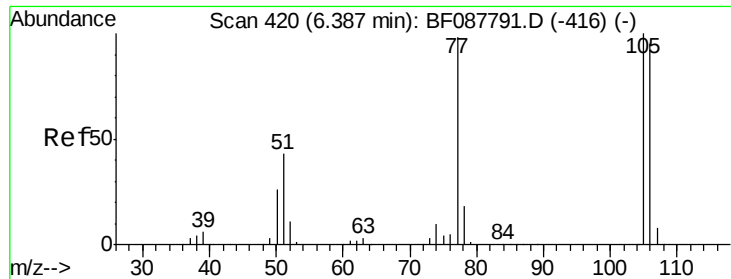


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0

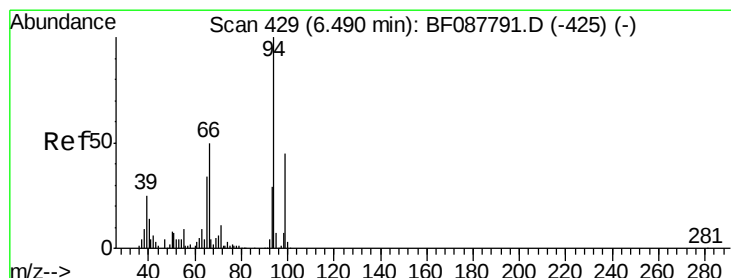
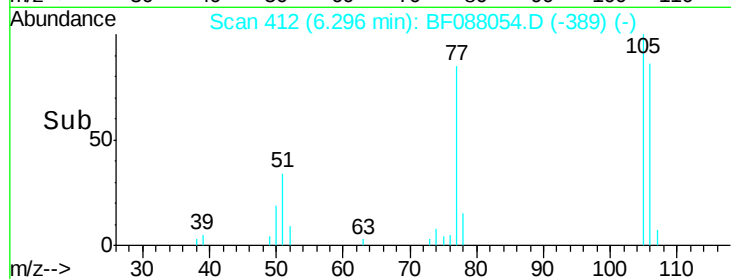
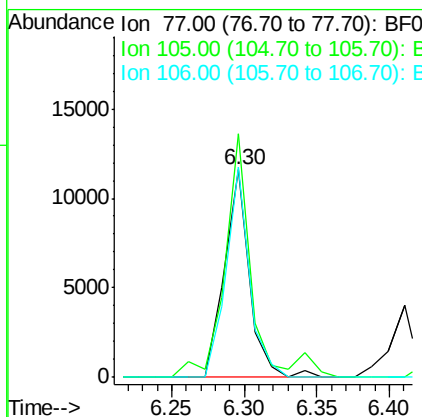
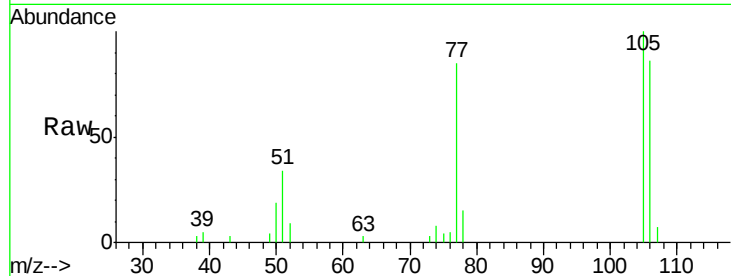




#9
Benzaldehyde
Concen: 2.59 ng
RT: 6.30 min Scan# 412
Delta R.T. -0.03 min
Lab File: BF088054.D
Acq: 16 Jun 2016 1:01

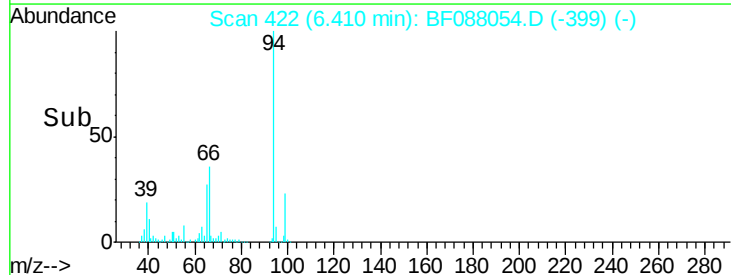
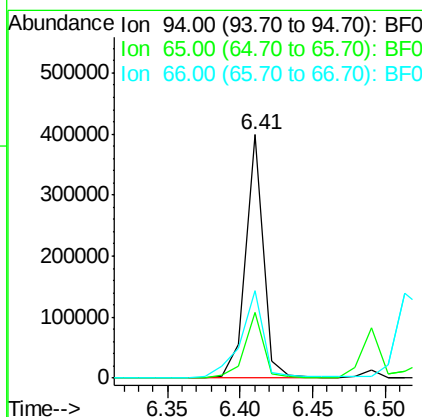
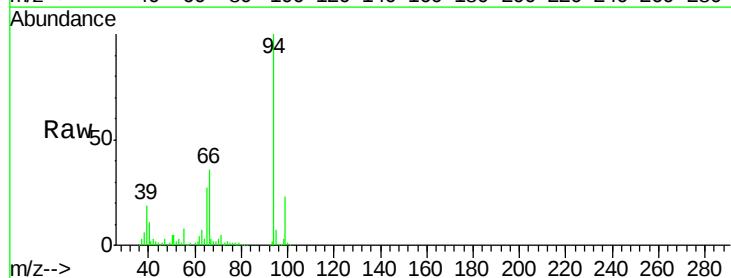
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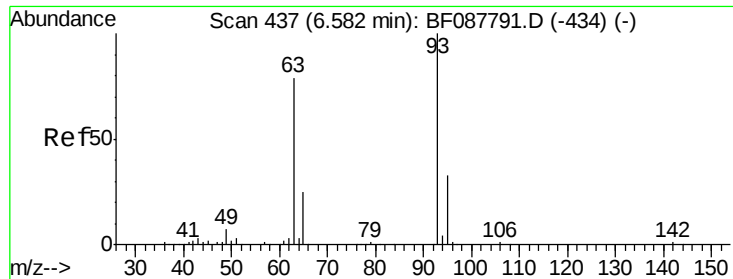
Tgt Ion: 77 Resp: 13843
Ion Ratio Lower Upper
77 100
105 117.3 90.6 130.6
106 101.4 85.3 125.3



#10
Phenol
Concen: 42.38 ng
RT: 6.41 min Scan# 422
Delta R.T. -0.03 min
Lab File: BF088054.D
Acq: 16 Jun 2016 1:01

Tgt Ion: 94 Resp: 339025
Ion Ratio Lower Upper
94 100
65 27.0 5.9 45.9
66 35.9 14.0 54.0

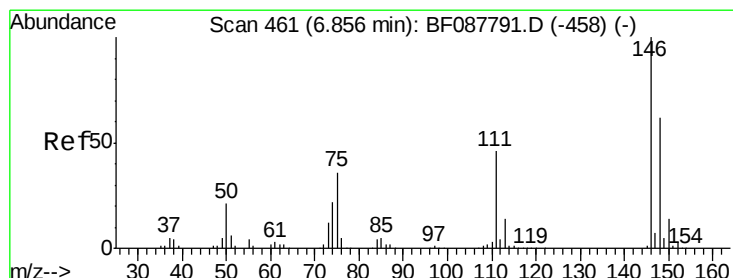
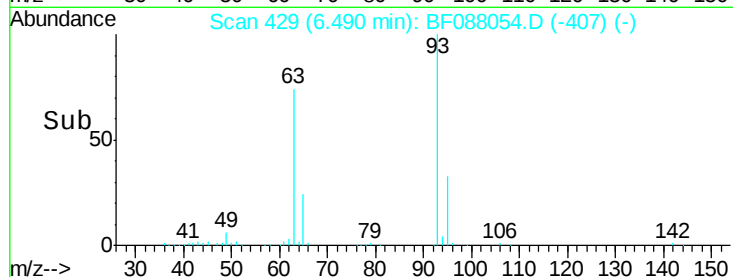
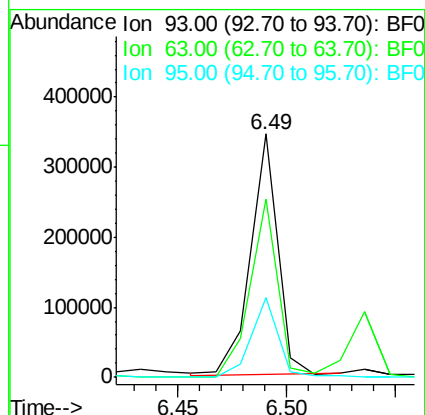
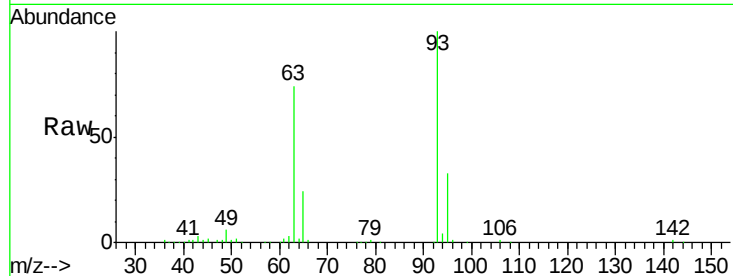




#11
bis(2-Chloroethyl)ether
Concen: 43.95 ng
RT: 6.49 min Scan# 429
Delta R.T. -0.05 min
Lab File: BF088054.D
Acq: 16 Jun 2016 1:01

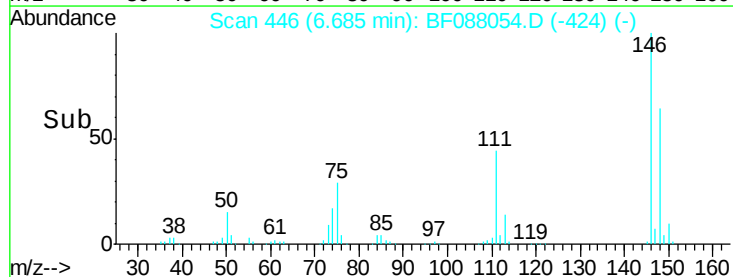
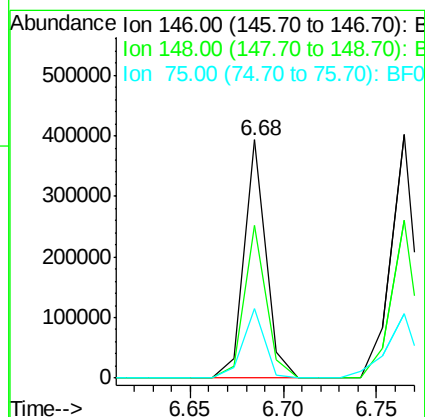
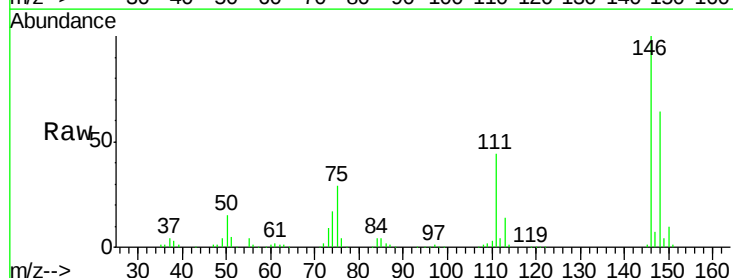
Instrument :
BNA_F
ClientSampleId :
HSR-WC-52-060916MSD

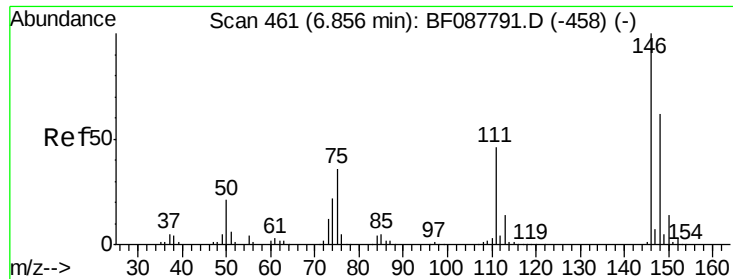
Tgt Ion: 93 Resp: 297572
Ion Ratio Lower Upper
93 100
63 73.5 67.6 107.6
95 32.6 12.5 52.5



#12
1,3-Dichlorobenzene
Concen: 39.98 ng
RT: 6.68 min Scan# 446
Delta R.T. -0.05 min
Lab File: BF088054.D
Acq: 16 Jun 2016 1:01

Tgt Ion: 146 Resp: 323518
Ion Ratio Lower Upper
146 100
148 64.2 50.9 76.3
75 29.3 25.6 38.4

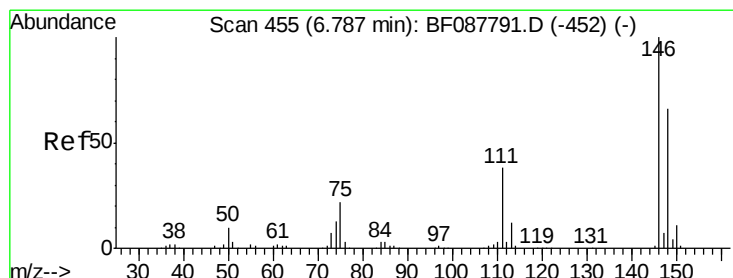
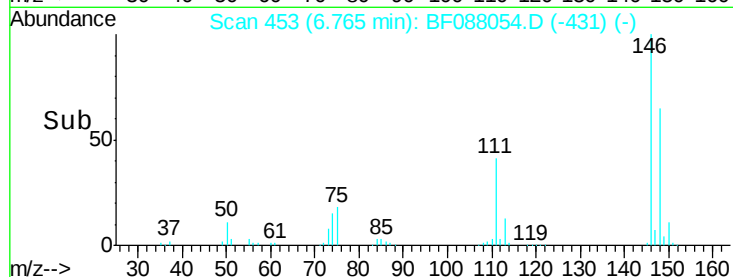
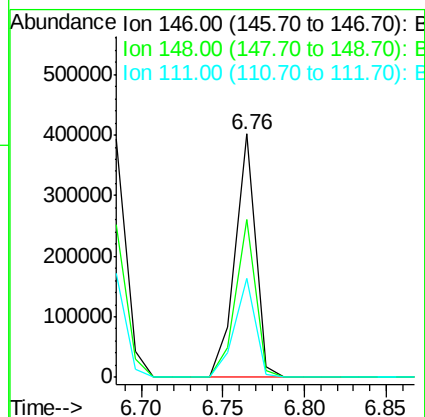
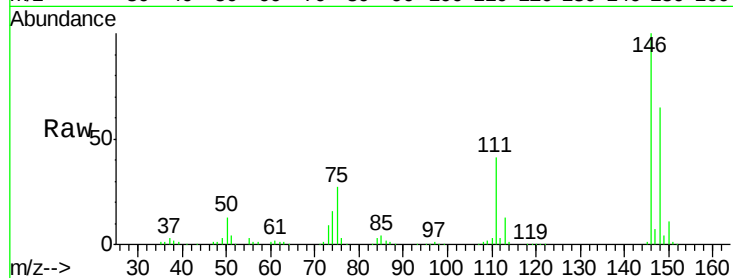




#13
 1,4-Dichlorobenzene
 Concen: 42.31 ng
 RT: 6.76 min Scan# 453
 Delta R.T. -0.05 min
 Lab File: BF088054.D
 Acq: 16 Jun 2016 1:01

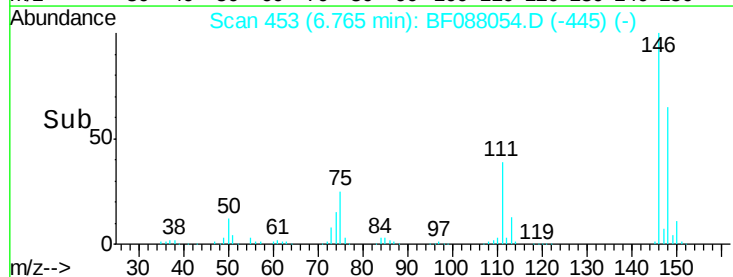
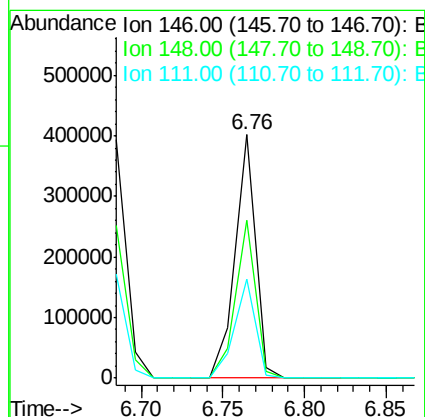
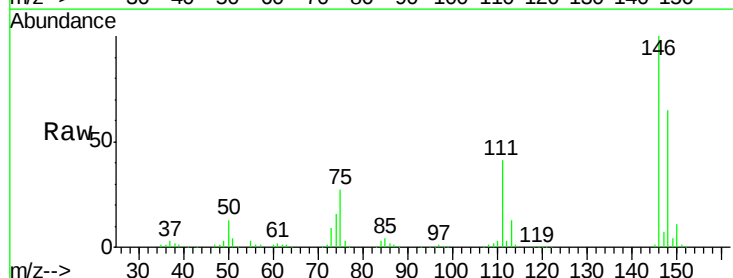
Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-52-060916MSD

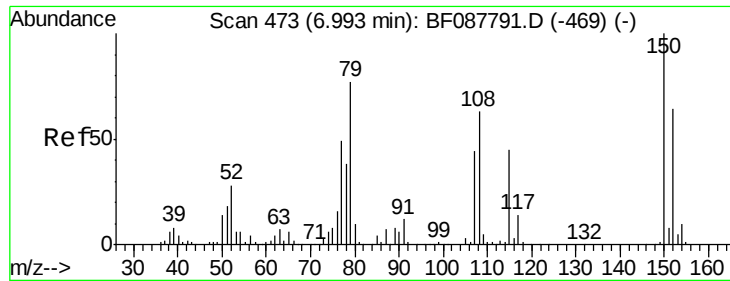
Tgt Ion:146 Resp: 344827
 Ion Ratio Lower Upper
 146 100
 148 64.7 52.0 78.0
 111 40.5 33.8 50.8



#14
 1,2-Dichlorobenzene
 Concen: 46.52 ng
 RT: 6.76 min Scan# 453
 Delta R.T. -0.21 min
 Lab File: BF088054.D
 Acq: 16 Jun 2016 1:01

Tgt Ion:146 Resp: 344827
 Ion Ratio Lower Upper
 146 100
 148 64.7 52.3 78.5
 111 40.5 28.7 43.1

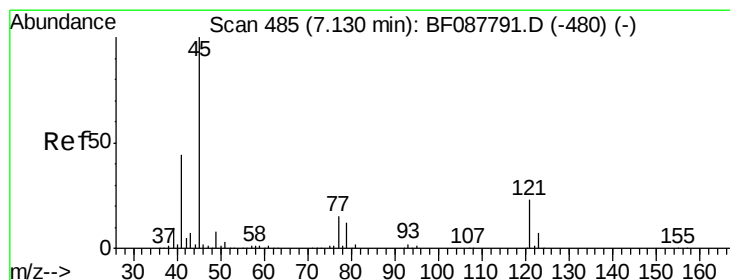
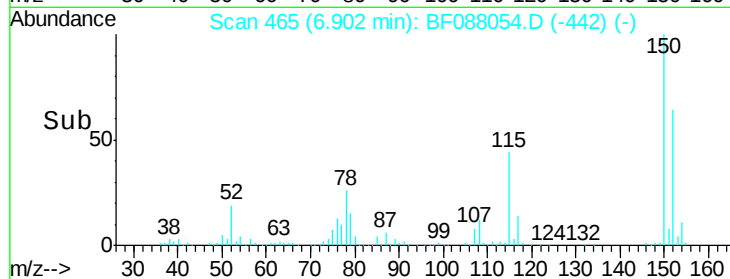
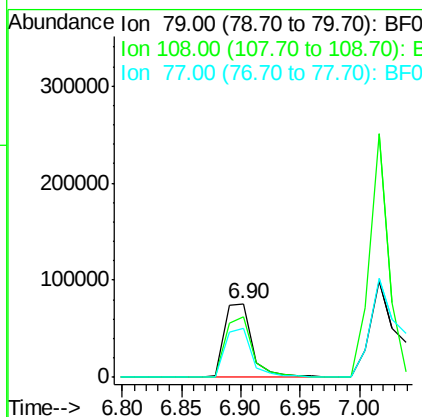
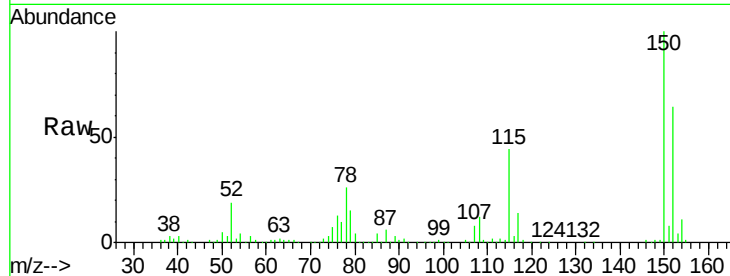




#15
Benzyl Alcohol
Concen: 20.47 ng
RT: 6.90 min Scan# 465
Delta R.T. -0.03 min
Lab File: BF088054.D
Acq: 16 Jun 2016 1:01

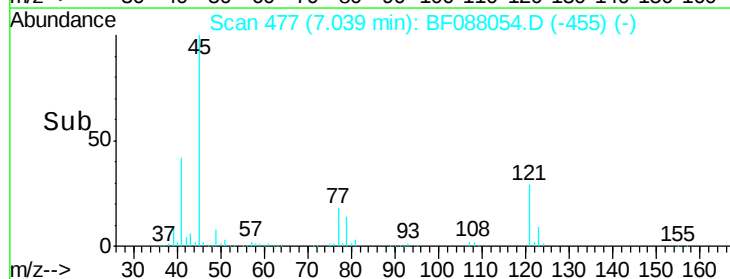
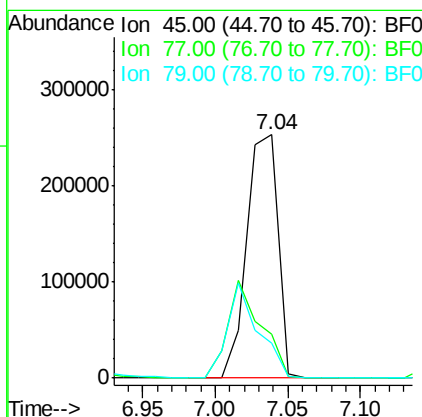
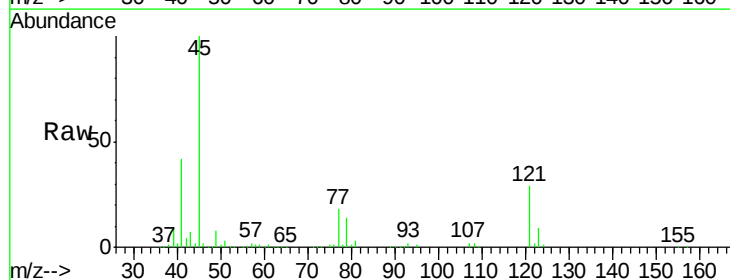
Instrument :
BNA_F
ClientSampleId :
HSR-WC-52-060916MSD

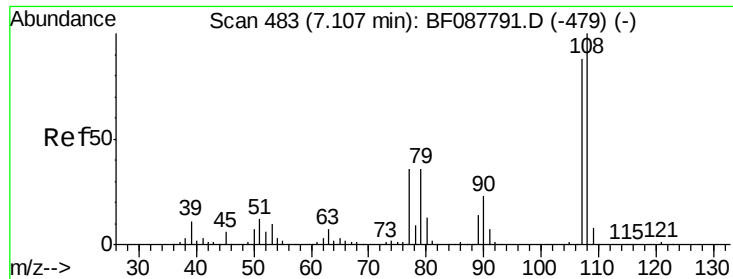
Tgt Ion: 79 Resp: 123676
Ion Ratio Lower Upper
79 100
108 81.2 65.0 97.6
77 65.5 50.3 75.5



#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.24 ng
RT: 7.04 min Scan# 477
Delta R.T. -0.05 min
Lab File: BF088054.D
Acq: 16 Jun 2016 1:01

Tgt Ion: 45 Resp: 377259
Ion Ratio Lower Upper
45 100
77 17.8 0.0 32.5
79 14.3 0.0 29.5

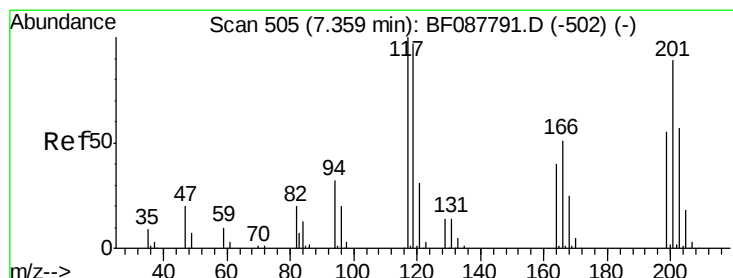
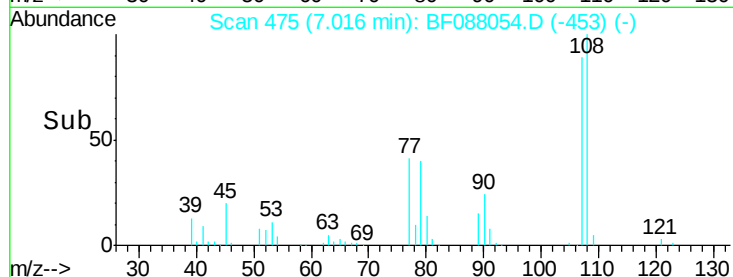
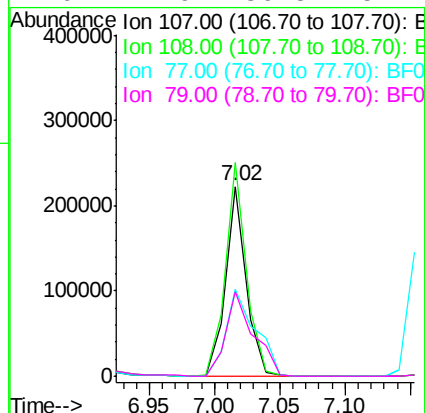
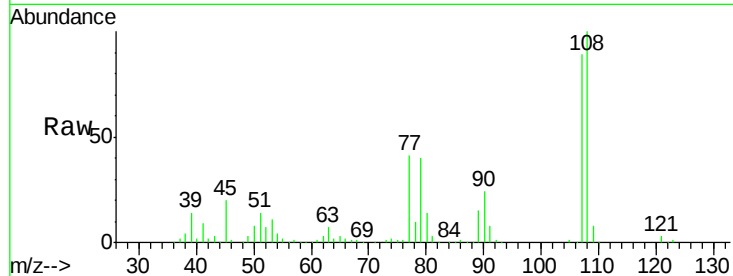




#17
2-Methylphenol
Concen: 40.23 ng
RT: 7.02 min Scan# 475
Delta R.T. -0.05 min
Lab File: BF088054.D
Acq: 16 Jun 2016 1:01

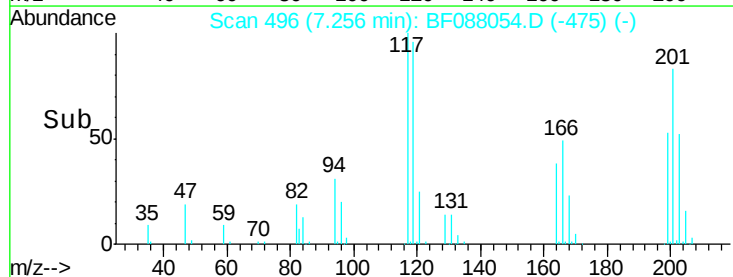
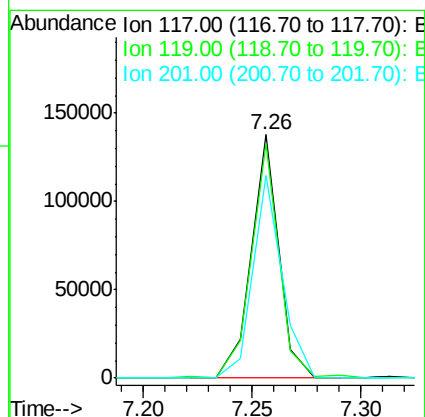
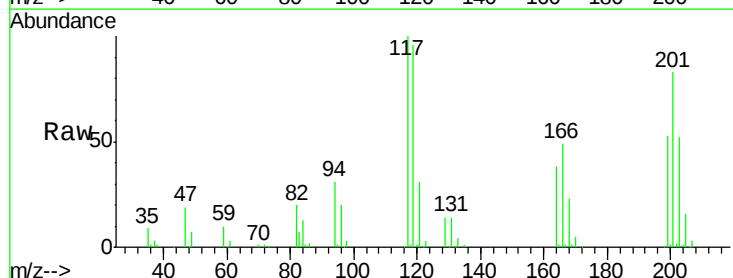
Instrument :
BNA_F
ClientSampleId :
HSR-WC-52-060916MSD

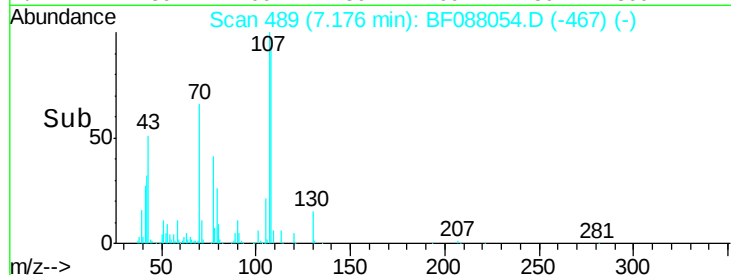
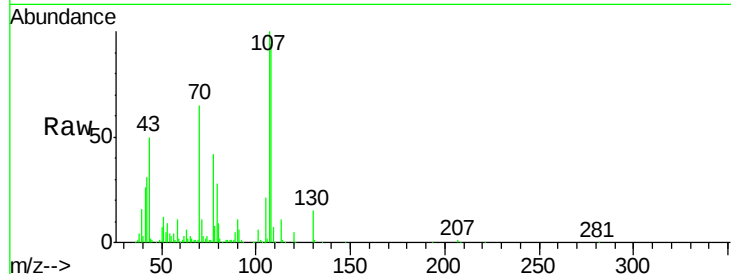
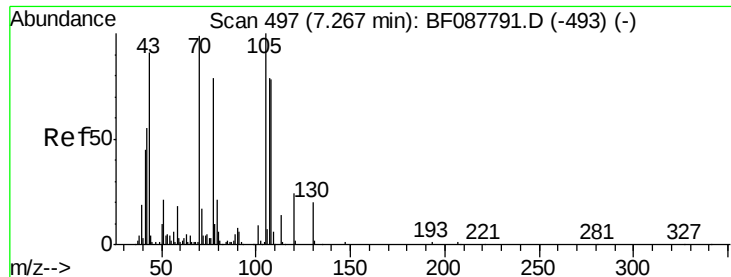
Tgt Ion:107 Resp: 246020
Ion Ratio Lower Upper
107 100
108 112.7 90.9 136.3
77 45.9 36.6 55.0
79 44.6 36.5 54.7



#18
Hexachloroethane
Concen: 41.77 ng
RT: 7.26 min Scan# 496
Delta R.T. -0.06 min
Lab File: BF088054.D
Acq: 16 Jun 2016 1:01

Tgt Ion:117 Resp: 120799
Ion Ratio Lower Upper
117 100
119 96.2 77.4 116.2
201 83.1 80.4 120.6

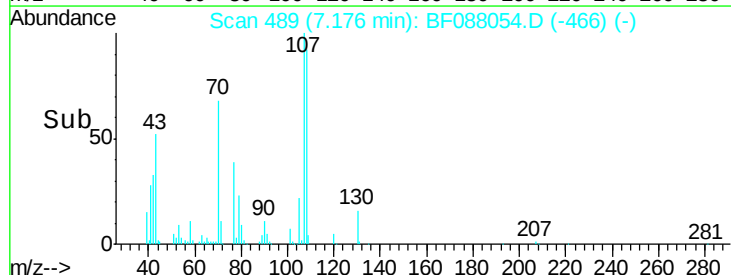
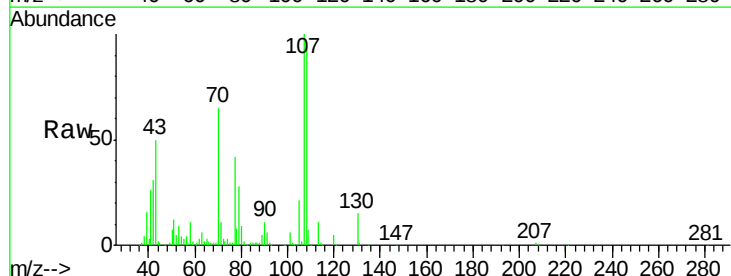
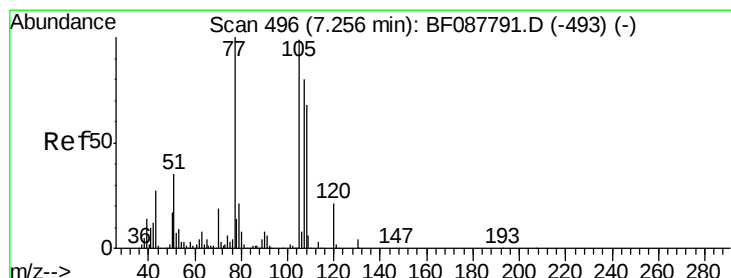
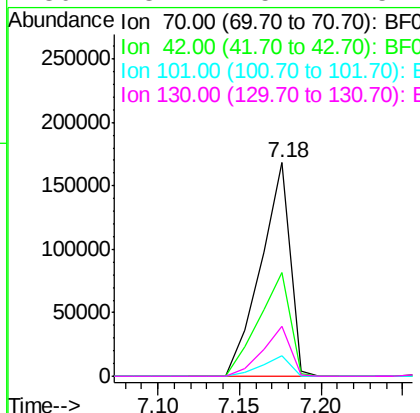




#19
n-Nitroso-di-n-propylamine
Concen: 42.62 ng
RT: 7.18 min Scan# 489
Delta R.T. -0.05 min
Lab File: BF088054.D
Acq: 16 Jun 2016 1:01

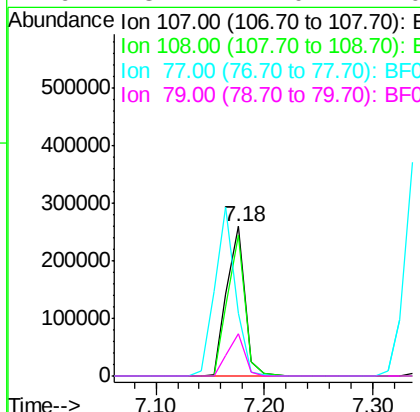
Instrument :
BNA_F
ClientSampleId :
HSR-WC-52-060916MSD

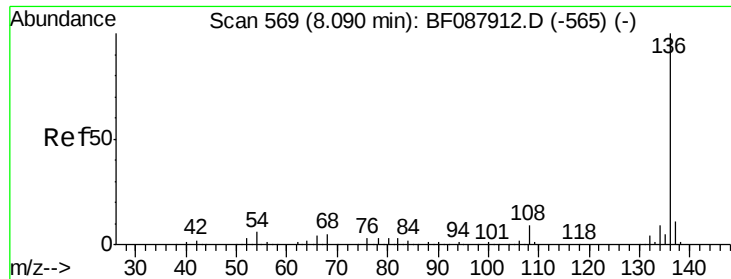
Tgt Ion: 70 Resp: 210508
Ion Ratio Lower Upper
70 100
42 48.5 49.6 74.4#
101 9.8 7.1 10.7
130 23.4 15.4 23.2#



#20
3+4-Methylphenols
Concen: 41.91 ng
RT: 7.18 min Scan# 489
Delta R.T. -0.03 min
Lab File: BF088054.D
Acq: 16 Jun 2016 1:01

Tgt Ion: 107 Resp: 299031
Ion Ratio Lower Upper
107 100
108 94.1 67.8 107.8
77 41.7 59.3 99.3#
79 28.2 7.0 47.0

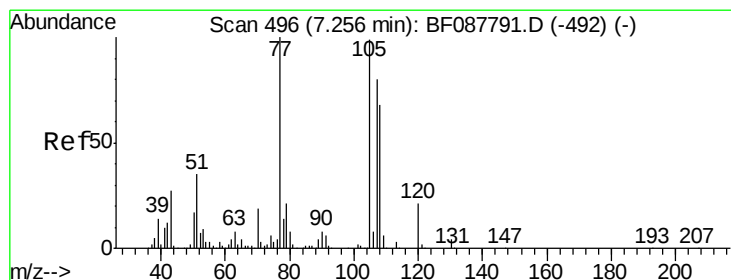
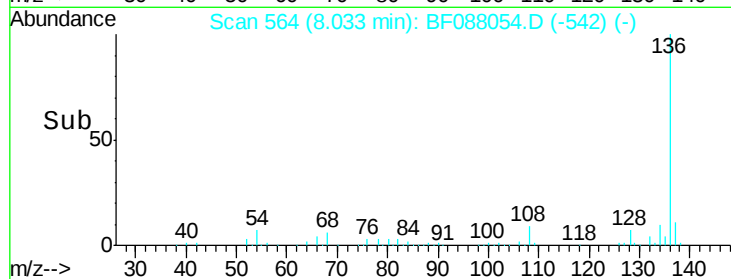
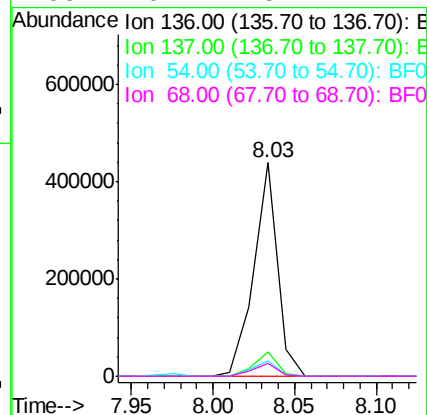
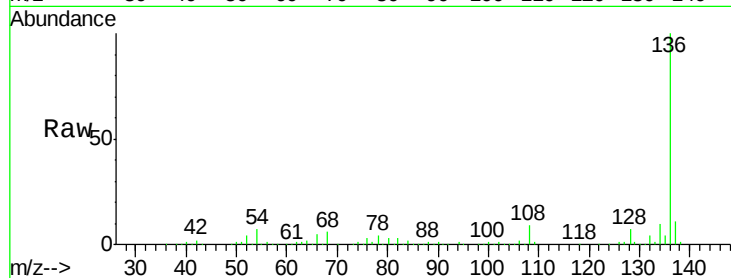




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.03 min Scan# 564
Delta R.T. -0.05 min
Lab File: BF088054.D
Acq: 16 Jun 2016 1:01

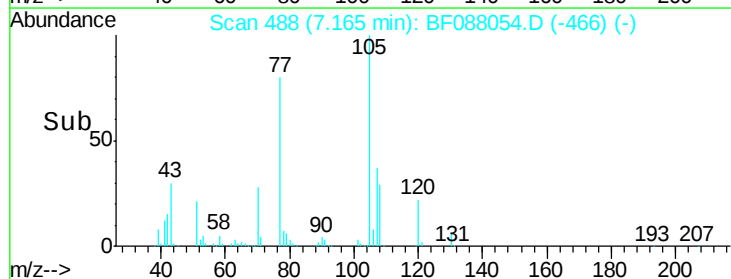
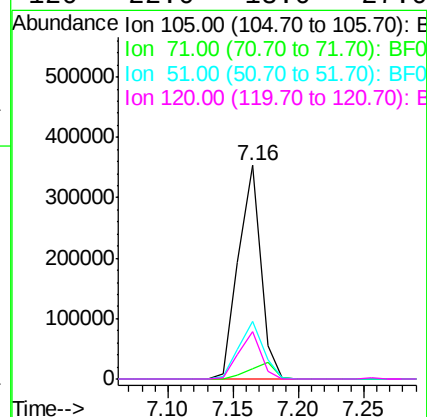
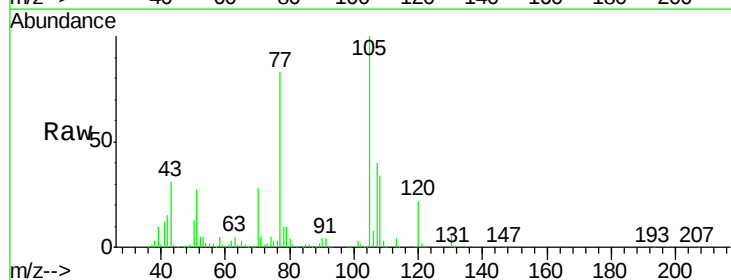
Instrument :
BNA_F
ClientSampleId :
HSR-WC-52-060916MSD

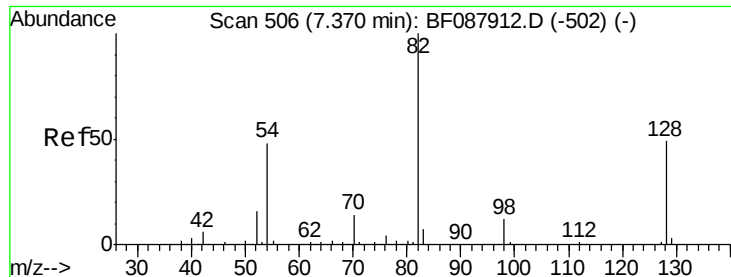
Tgt Ion:	136	Resp:	440665
Ion Ratio	Lower	Upper	
136	100		
137	11.1	9.1	13.7
54	7.1	6.6	10.0
68	6.1	5.1	7.7



#22
Acetophenone
Concen: 42.61 ng
RT: 7.16 min Scan# 488
Delta R.T. -0.05 min
Lab File: BF088054.D
Acq: 16 Jun 2016 1:01

Tgt Ion:	105	Resp:	419596
Ion Ratio	Lower	Upper	
105	100		
71	4.8	5.3	7.9#
51	26.8	18.2	27.4
120	22.0	18.0	27.0

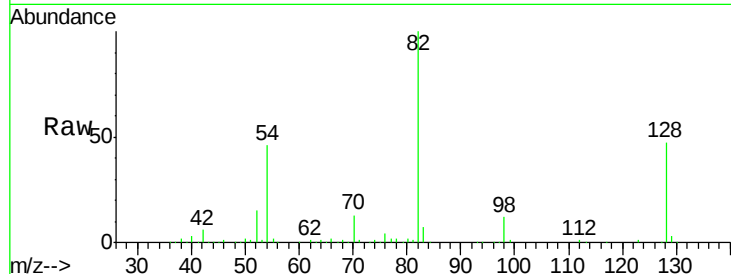




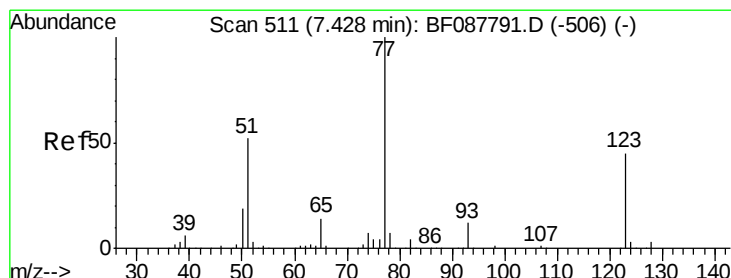
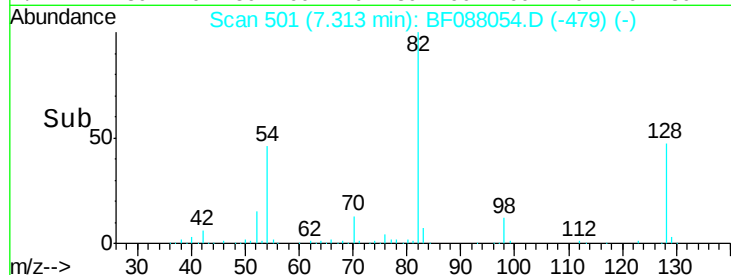
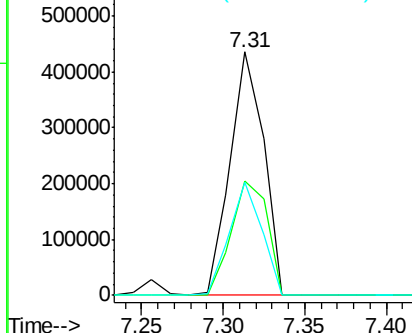
#23
Nitrobenzene-d5
Concen: 82.22 ng
RT: 7.31 min Scan# 501
Delta R.T. -0.05 min
Lab File: BF088054.D
Acq: 16 Jun 2016 1:01

Instrument :
BNA_F
ClientSampleId :
HSR-WC-52-060916MSD

Tgt Ion: 82 Resp: 620491
Ion Ratio Lower Upper
82 100
128 47.1 35.9 53.9
54 46.3 40.9 61.3

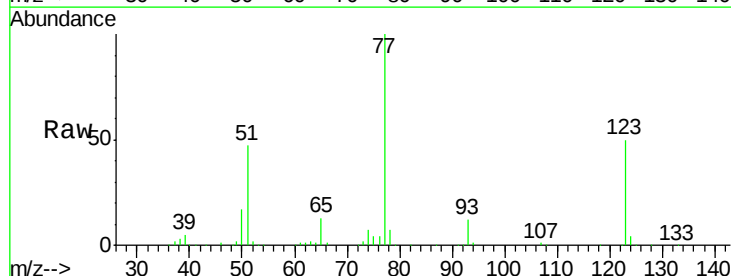


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF0

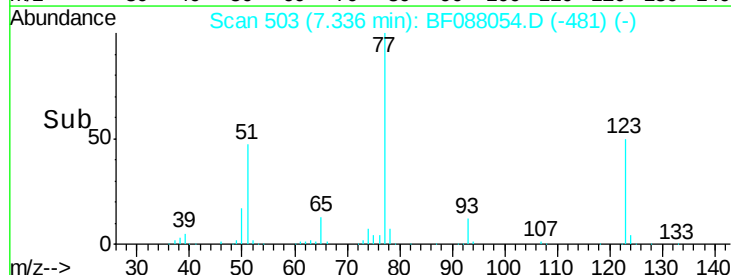
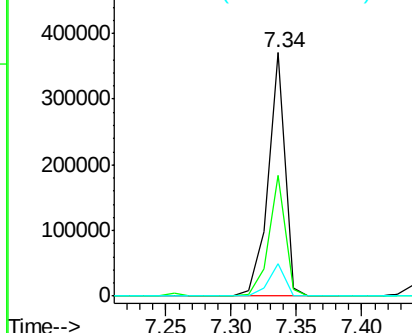


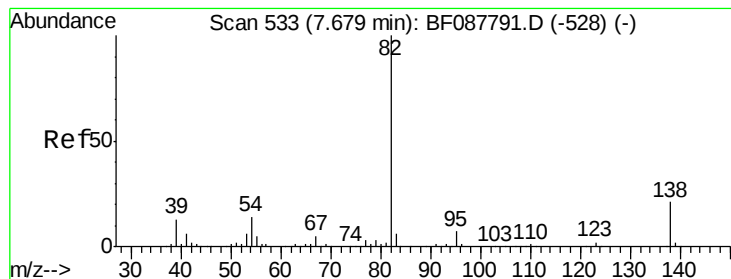
#24
Nitrobenzene
Concen: 46.32 ng
RT: 7.34 min Scan# 503
Delta R.T. -0.05 min
Lab File: BF088054.D
Acq: 16 Jun 2016 1:01

Tgt Ion: 77 Resp: 338597
Ion Ratio Lower Upper
77 100
123 49.8 45.0 67.4
65 13.1 10.2 15.2



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 123.00 (122.70 to 123.70): B
Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 40.98 ng

RT: 7.58 min Scan# 524

Delta R.T. -0.05 min

Lab File: BF088054.D

Acq: 16 Jun 2016 1:01

Instrument :

BNA_F

ClientSampleId :

HSR-WC-52-060916MSD

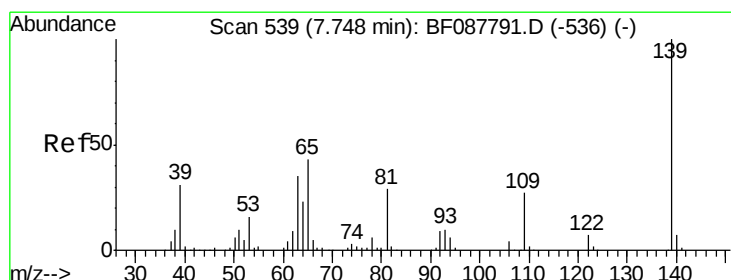
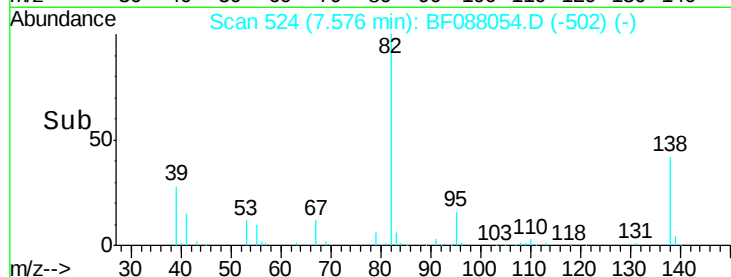
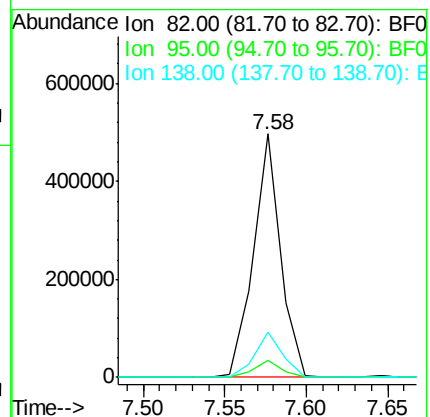
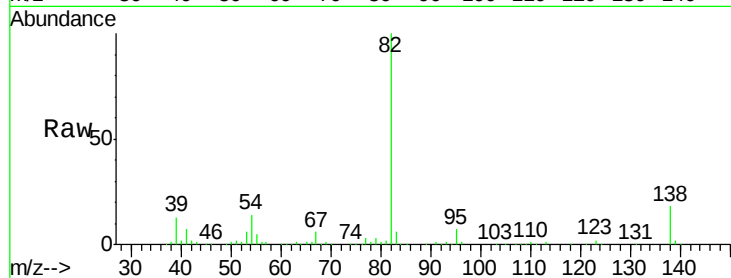
Tgt Ion: 82 Resp: 572847

Ion Ratio Lower Upper

82 100

95 6.8 5.4 8.2

138 18.4 14.6 21.8



#26

2-Nitrophenol

Concen: 45.42 ng

RT: 7.66 min Scan# 531

Delta R.T. -0.05 min

Lab File: BF088054.D

Acq: 16 Jun 2016 1:01

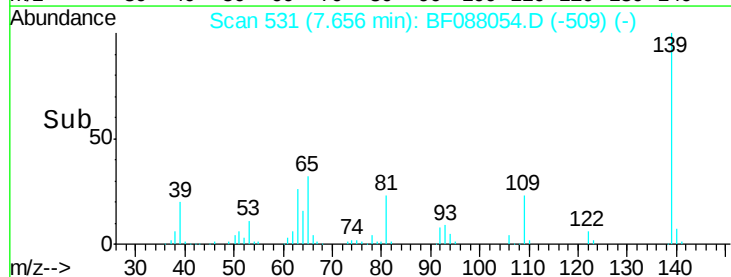
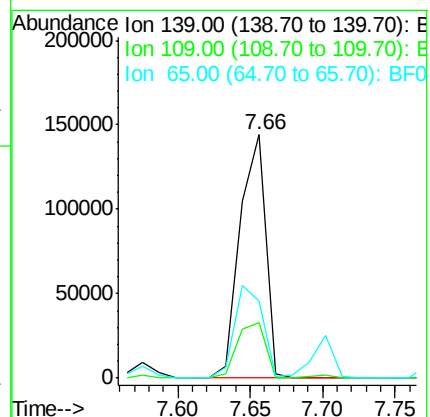
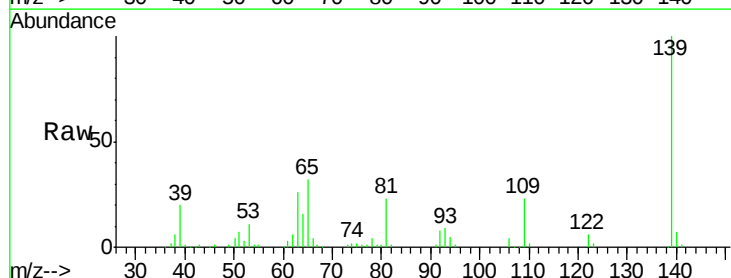
Tgt Ion: 139 Resp: 177848

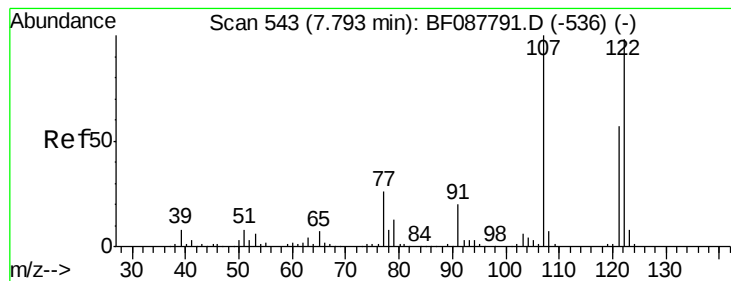
Ion Ratio Lower Upper

139 100

109 22.6 23.0 34.4#

65 31.6 45.8 68.8#

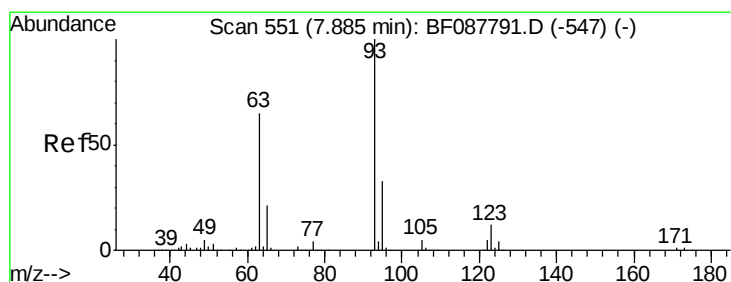
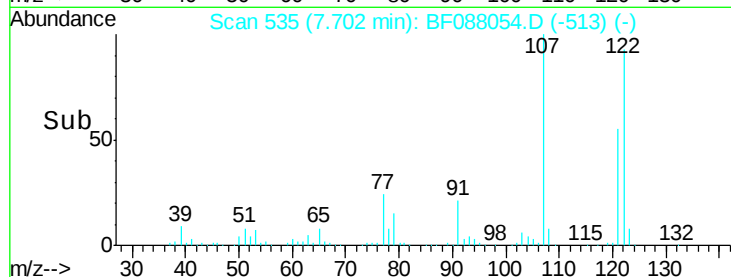
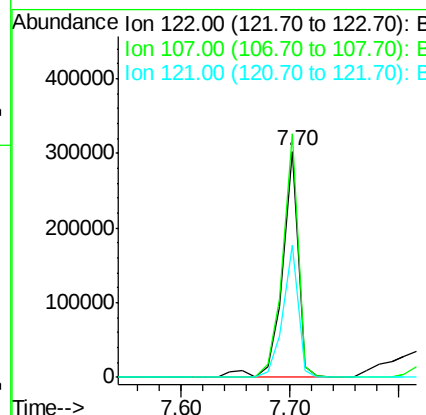
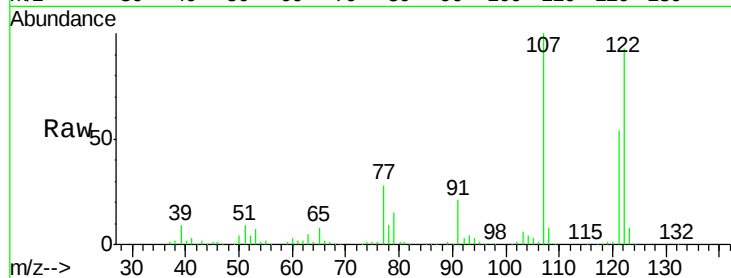




#27
 2,4-Dimethylphenol
 Concen: 42.37 ng
 RT: 7.70 min Scan# 535
 Delta R.T. -0.05 min
 Lab File: BF088054.D
 Acq: 16 Jun 2016 1:01

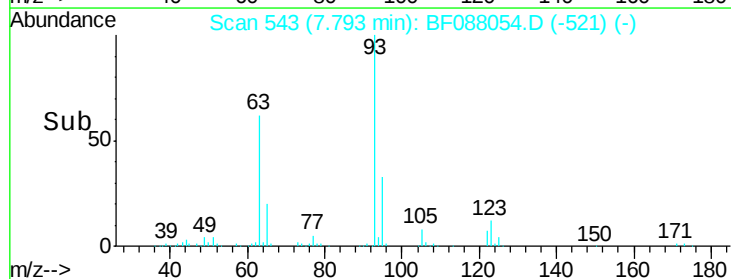
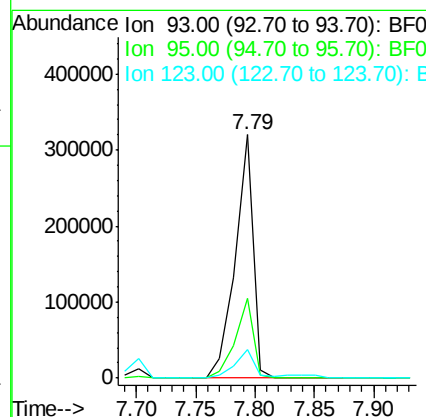
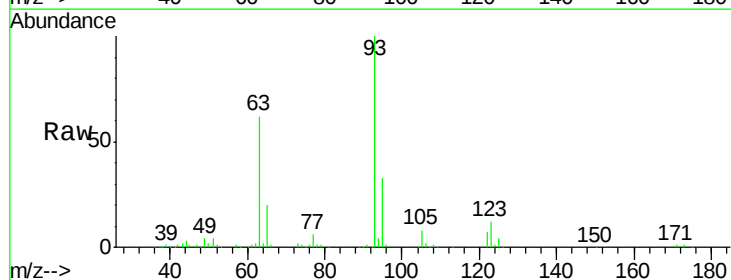
Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-52-060916MSD

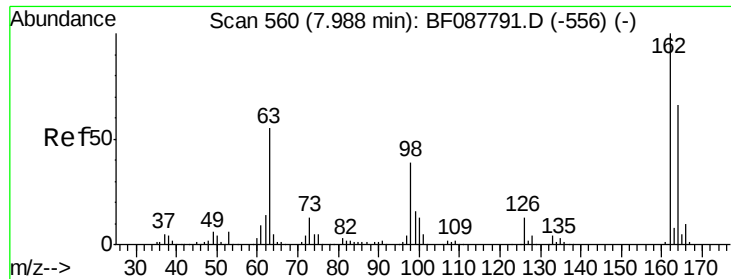
Tgt Ion: 122 Resp: 305504
 Ion Ratio Lower Upper
 122 100
 107 107.6 82.4 123.6
 121 58.7 46.3 69.5



#28
 bis(2-Chloroethoxy)methane
 Concen: 38.76 ng
 RT: 7.79 min Scan# 543
 Delta R.T. -0.05 min
 Lab File: BF088054.D
 Acq: 16 Jun 2016 1:01

Tgt Ion: 93 Resp: 335994
 Ion Ratio Lower Upper
 93 100
 95 32.8 26.5 39.7
 123 11.9 11.6 17.4

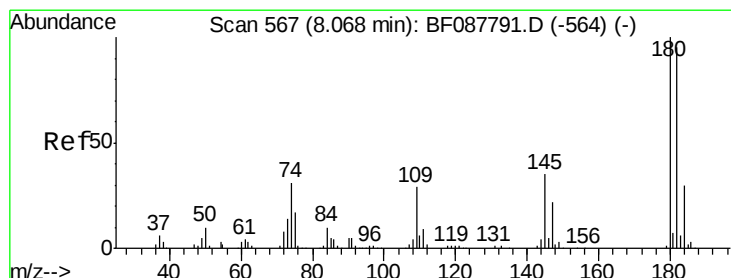
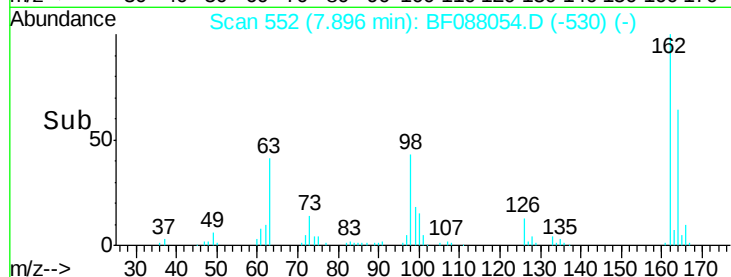
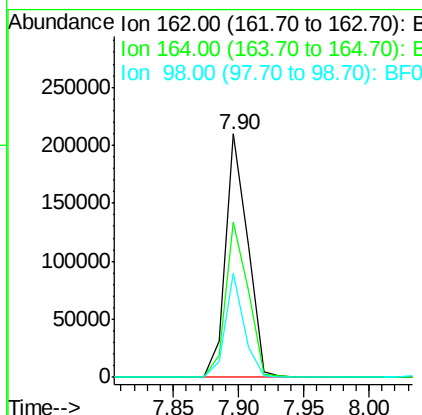
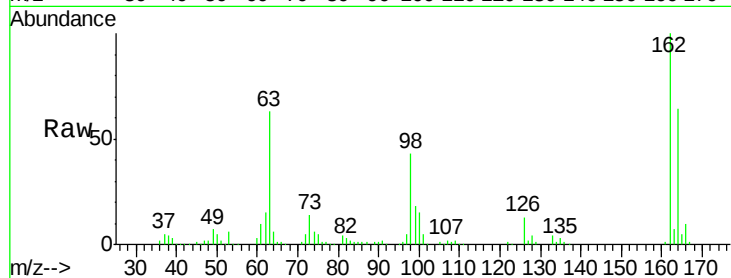




#29
 2,4-Dichlorophenol
 Concen: 41.17 ng
 RT: 7.90 min Scan# 552
 Delta R.T. -0.05 min
 Lab File: BF088054.D
 Acq: 16 Jun 2016 1:01

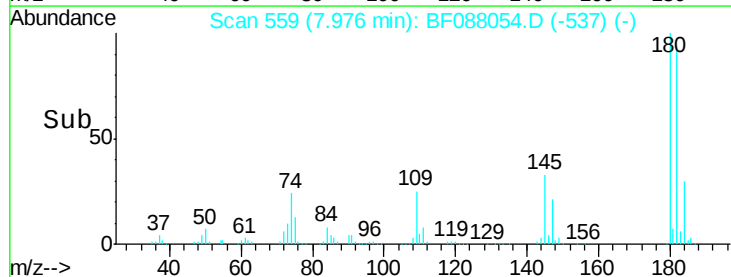
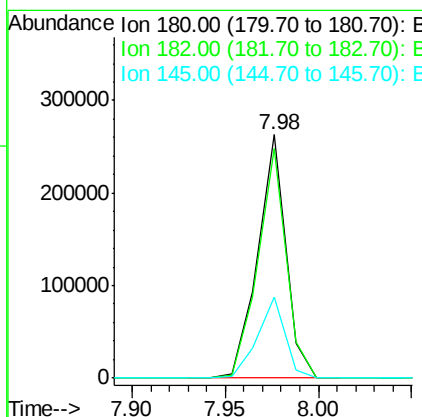
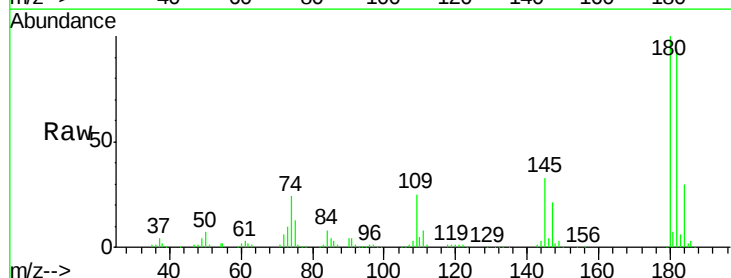
Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-52-060916MSD

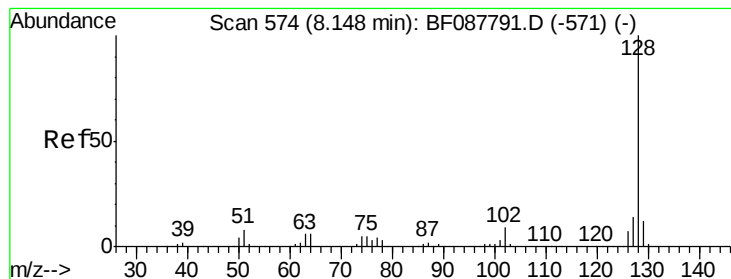
Tgt Ion:162 Resp: 247830
 Ion Ratio Lower Upper
 162 100
 164 63.8 43.8 83.8
 98 43.0 21.3 61.3



#30
 1,2,4-Trichlorobenzene
 Concen: 41.67 ng
 RT: 7.98 min Scan# 559
 Delta R.T. -0.05 min
 Lab File: BF088054.D
 Acq: 16 Jun 2016 1:01

Tgt Ion:180 Resp: 273160
 Ion Ratio Lower Upper
 180 100
 182 94.3 76.0 114.0
 145 33.1 26.5 39.7





#31

Naphthalene

Concen: 43.62 ng

RT: 8.06 min Scan# 566

Delta R.T. -0.05 min

Lab File: BF088054.D

Acq: 16 Jun 2016 1:01

Instrument :

BNA_F

ClientSampleId :

HSR-WC-52-060916MSD

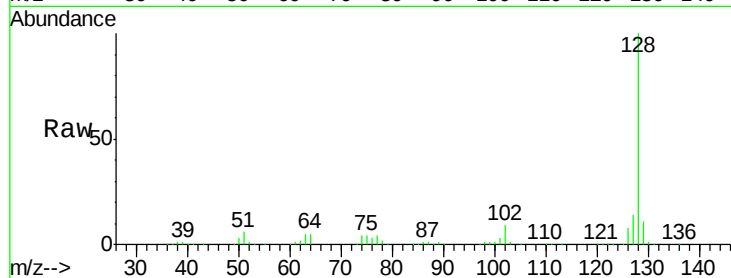
Tgt Ion:128 Resp: 951228

Ion Ratio Lower Upper

128 100

129 11.5 9.4 14.2

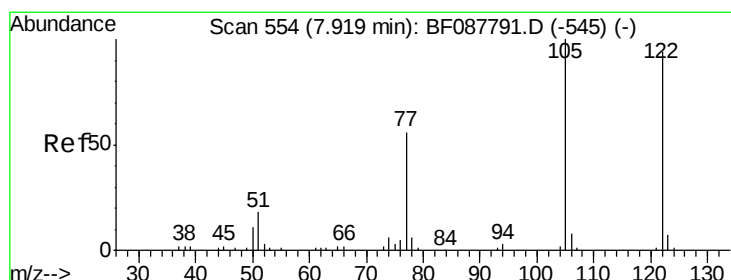
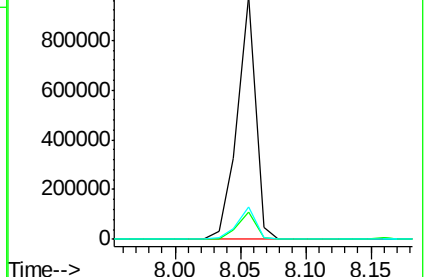
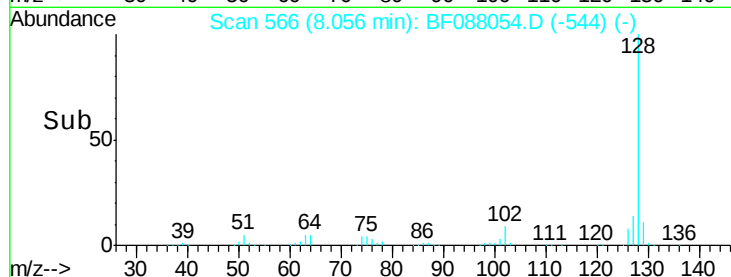
127 13.5 10.9 16.3



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: 48.79 ng

RT: 7.85 min Scan# 548

Delta R.T. -0.02 min

Lab File: BF088054.D

Acq: 16 Jun 2016 1:01

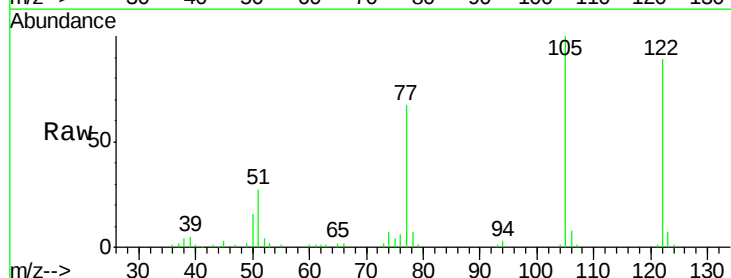
Tgt Ion:122 Resp: 193705

Ion Ratio Lower Upper

122 100

105 112.9 101.6 141.6

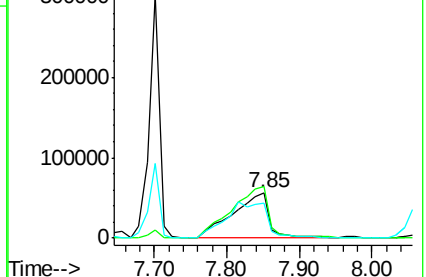
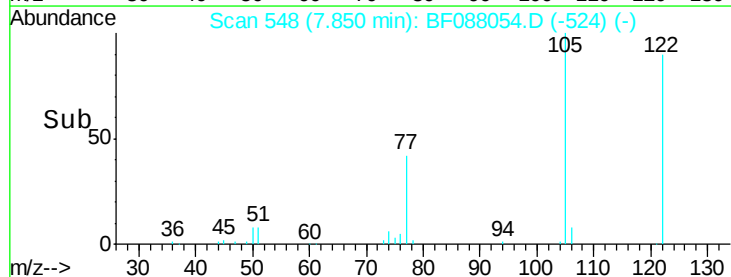
77 75.5 70.6 110.6

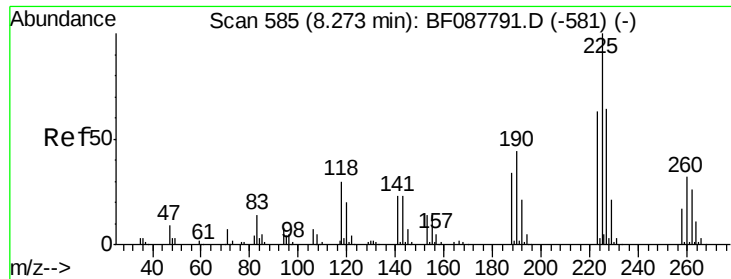


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

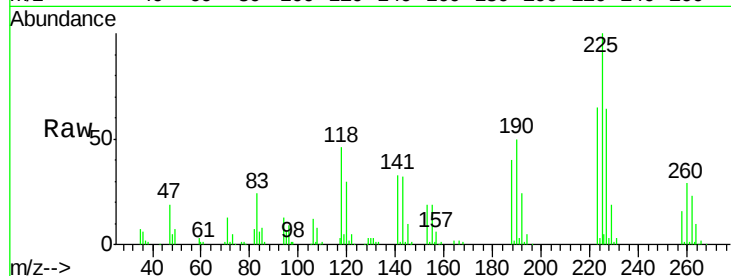




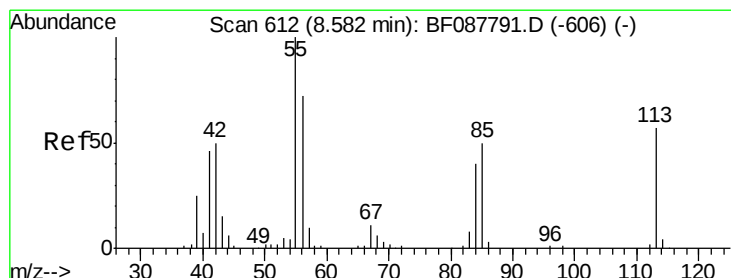
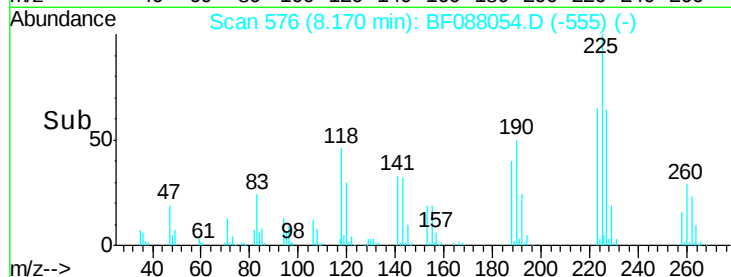
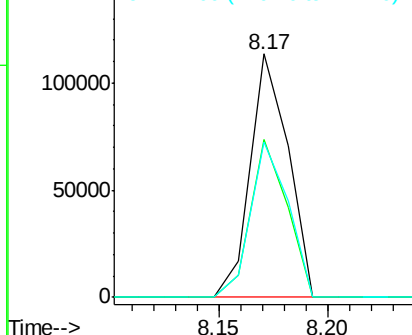
#34
Hexachlorobutadiene
Concen: 39.86 ng
RT: 8.17 min Scan# 576
Delta R.T. -0.06 min
Lab File: BF088054.D
Acq: 16 Jun 2016 1:01

Instrument :
BNA_F
ClientSampleId :
HSR-WC-52-060916MSD

Tgt Ion: 225 Resp: 137792
Ion Ratio Lower Upper
225 100
223 65.1 50.9 76.3
227 63.8 51.9 77.9

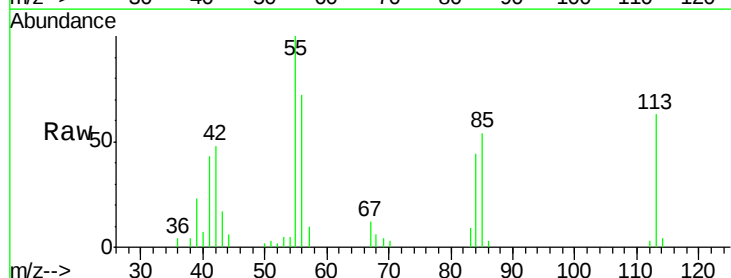


Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

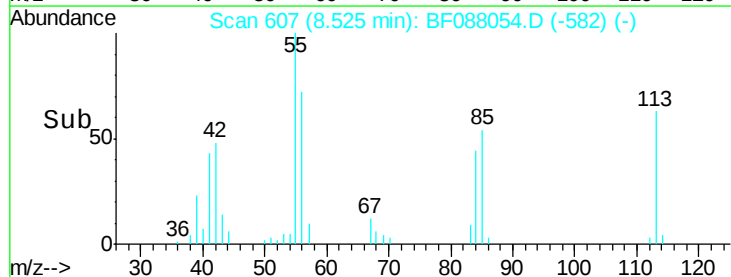
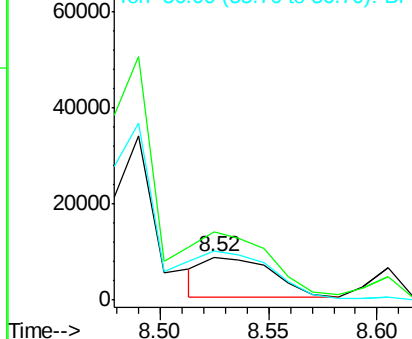


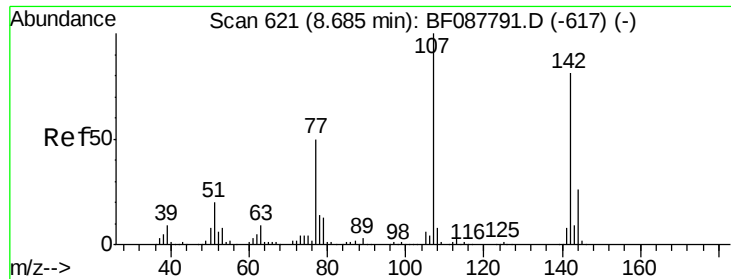
#35
Caprolactam
Concen: 9.05 ng
RT: 8.52 min Scan# 607
Delta R.T. -0.01 min
Lab File: BF088054.D
Acq: 16 Jun 2016 1:01

Tgt Ion: 113 Resp: 18046
Ion Ratio Lower Upper
113 100
55 159.6 158.6 198.6
56 115.2 110.6 150.6



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

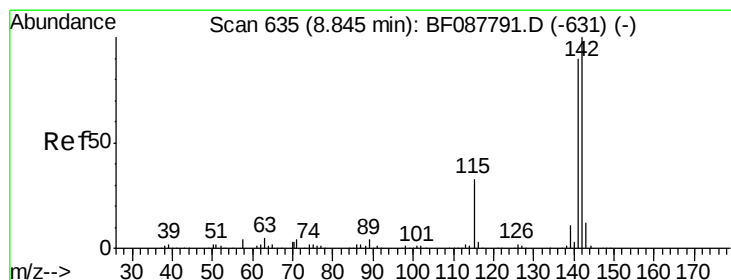
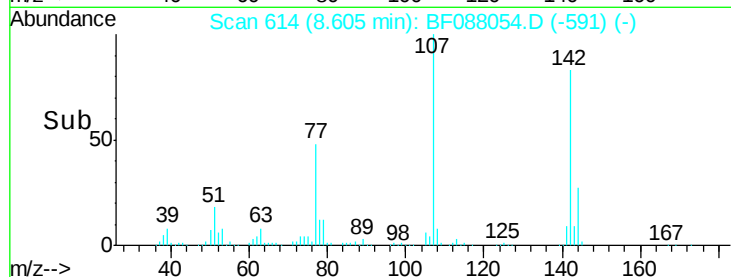
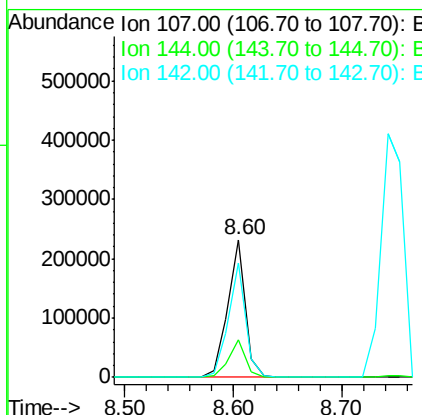
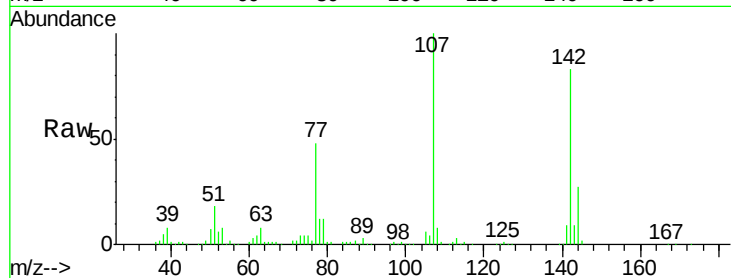




#36
 4-Chloro-3-methylphenol
 Concen: 40.13 ng
 RT: 8.60 min Scan# 614
 Delta R.T. -0.03 min
 Lab File: BF088054.D
 Acq: 16 Jun 2016 1:01

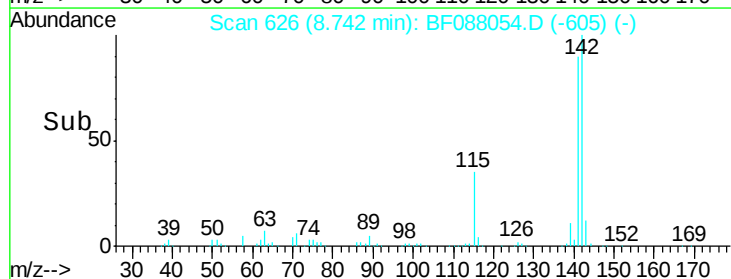
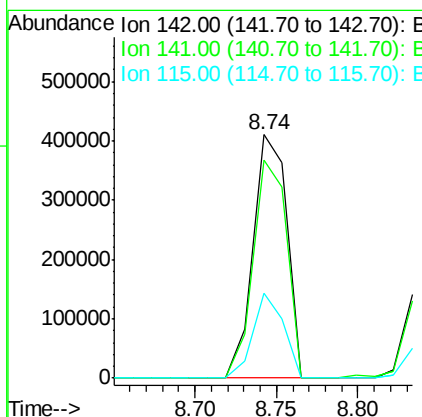
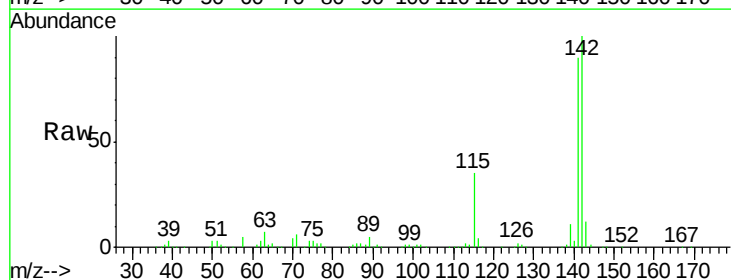
Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-52-060916MSD

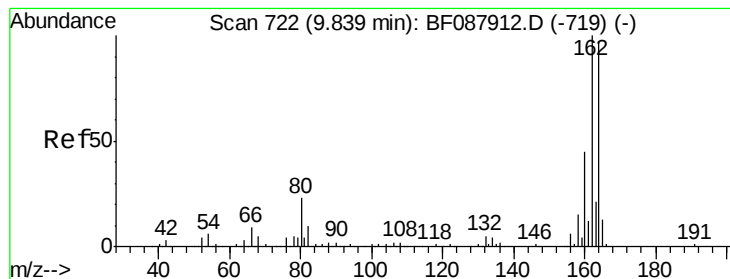
Tgt Ion: 107 Resp: 258334
 Ion Ratio Lower Upper
 107 100
 144 26.9 20.8 31.2
 142 82.6 63.4 95.2



#37
 2-Methylnaphthalene
 Concen: 41.06 ng
 RT: 8.74 min Scan# 626
 Delta R.T. -0.06 min
 Lab File: BF088054.D
 Acq: 16 Jun 2016 1:01

Tgt Ion: 142 Resp: 590169
 Ion Ratio Lower Upper
 142 100
 141 89.7 71.0 106.6
 115 34.9 22.6 33.8#





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.78 min Scan# 717

Delta R.T. -0.06 min

Lab File: BF088054.D

Acq: 16 Jun 2016 1:01

Instrument :

BNA_F

ClientSampleId :

HSR-WC-52-060916MSD

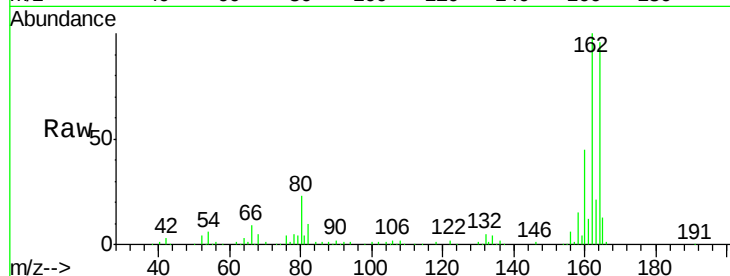
Tgt Ion:164 Resp: 181503

Ion Ratio Lower Upper

164 100

162 103.9 85.4 128.2

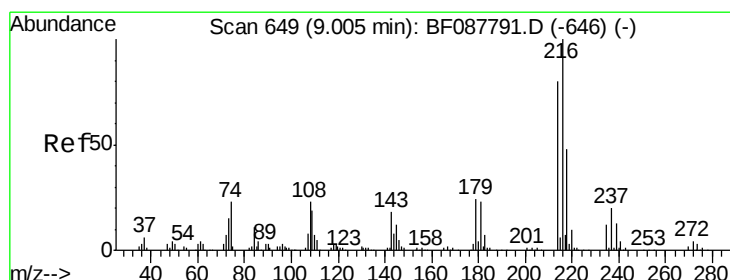
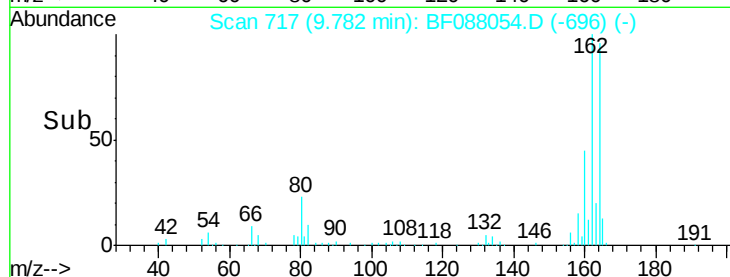
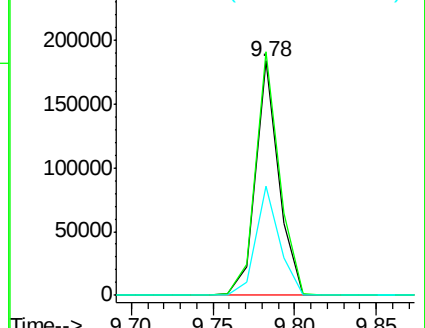
160 46.6 39.5 59.3



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: 54.69 ng

RT: 8.91 min Scan# 641

Delta R.T. -0.05 min

Lab File: BF088054.D

Acq: 16 Jun 2016 1:01

Tgt Ion:216 Resp: 239620

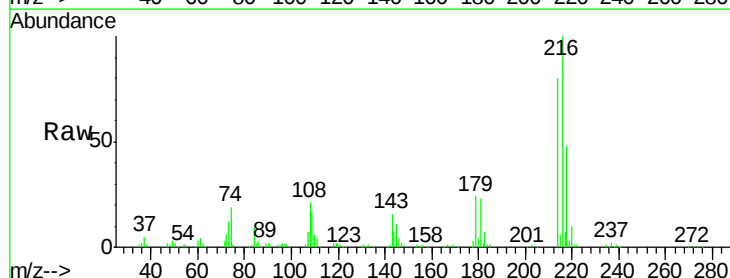
Ion Ratio Lower Upper

216 100

214 79.7 2.9 4.3#

179 23.1 0.0 0.0#

108 22.7 0.5 0.7#

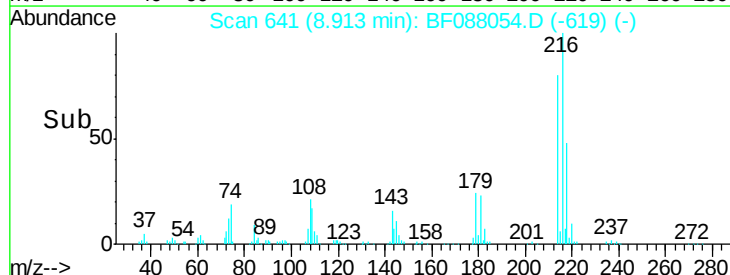
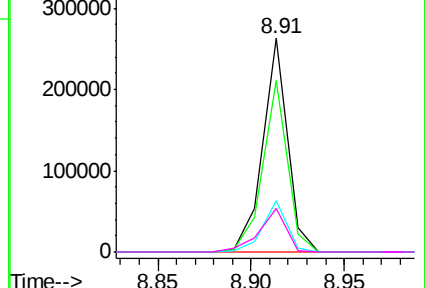


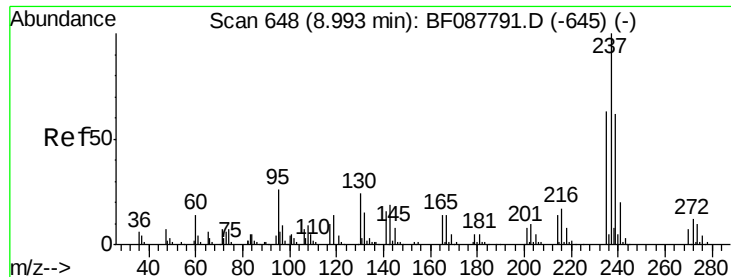
Abundance Ion 216.00 (215.70 to 216.70): E

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

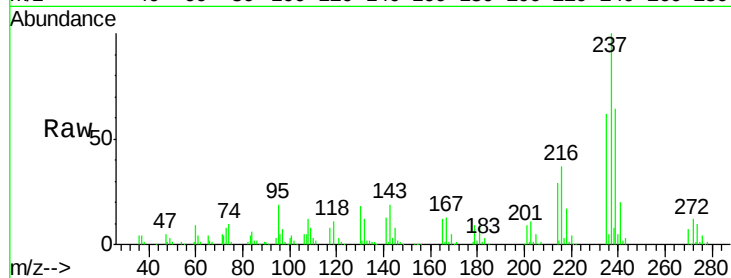




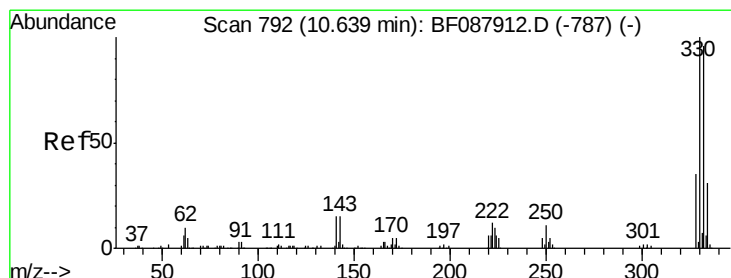
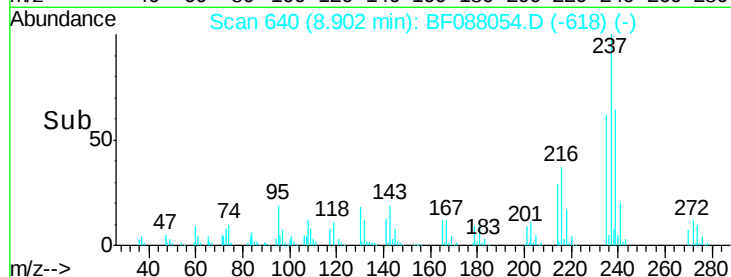
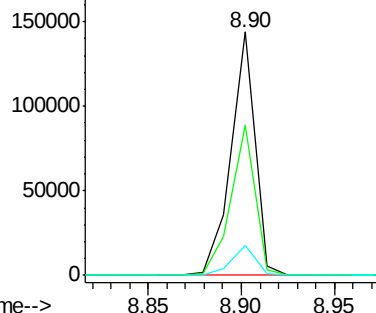
#40
Hexachlorocyclopentadiene
Concen: 43.91 ng
RT: 8.90 min Scan# 640
Delta R.T. -0.05 min
Lab File: BF088054.D
Acq: 16 Jun 2016 1:01

Instrument :
BNA_F
ClientSampleId :
HSR-WC-52-060916MSD

Tgt Ion: 237 Resp: 128548
Ion Ratio Lower Upper
237 100
235 61.8 43.4 83.4
272 12.4 0.0 32.3

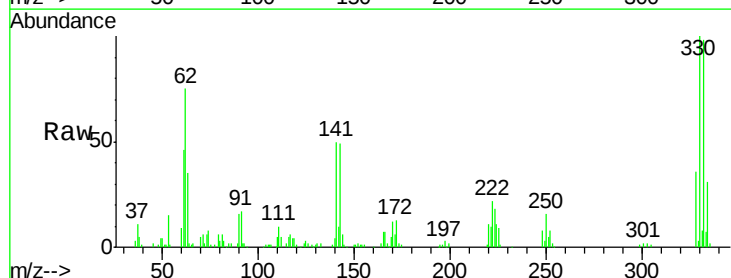


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

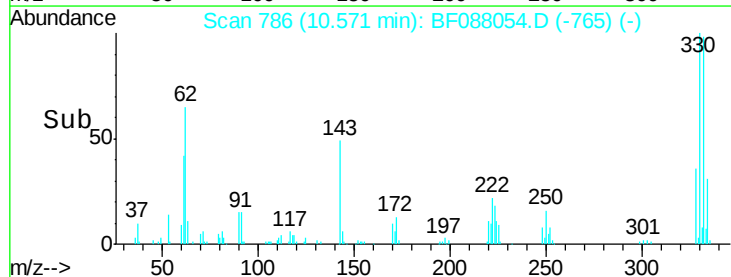
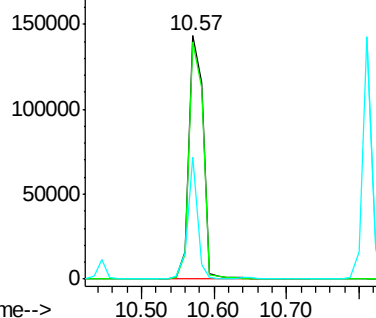


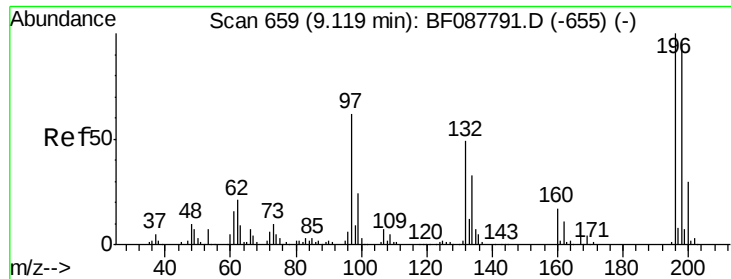
#41
2,4,6-Tribromophenol
Concen: 102.35 ng
RT: 10.57 min Scan# 786
Delta R.T. -0.06 min
Lab File: BF088054.D
Acq: 16 Jun 2016 1:01

Tgt Ion: 330 Resp: 196150
Ion Ratio Lower Upper
330 100
332 96.8 0.0 0.0#
141 34.9 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

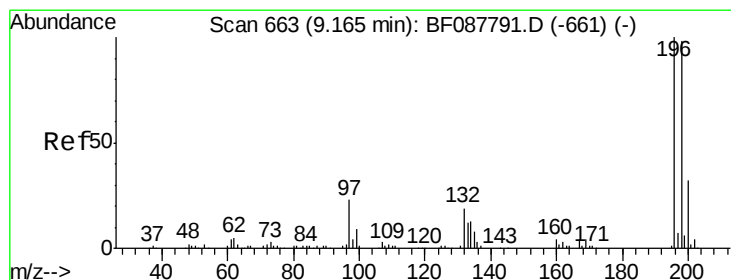
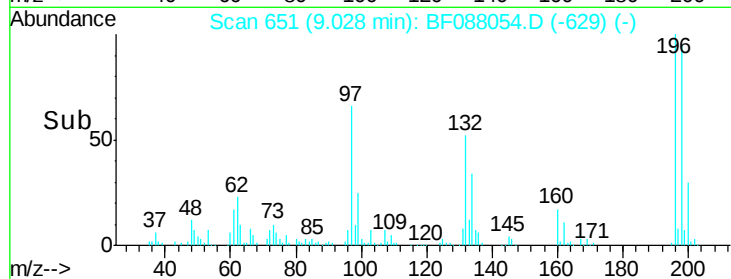
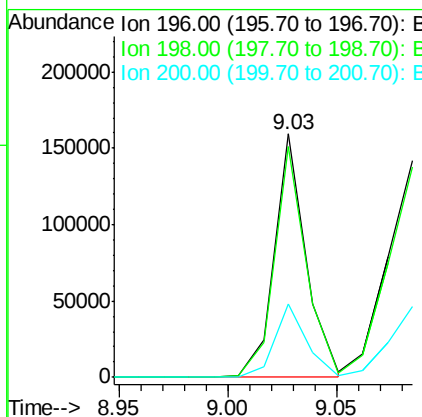
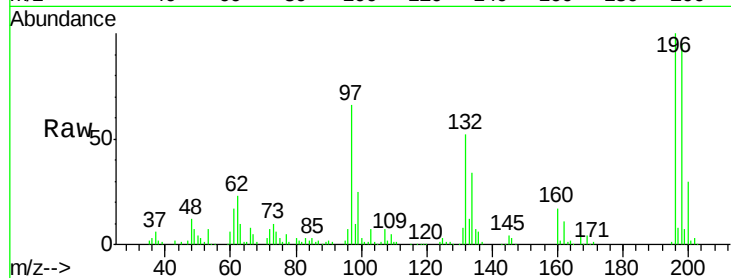




#42
 2,4,6-Trichlorophenol
 Concen: 44.62 ng
 RT: 9.03 min Scan# 651
 Delta R.T. -0.05 min
 Lab File: BF088054.D
 Acq: 16 Jun 2016 1:01

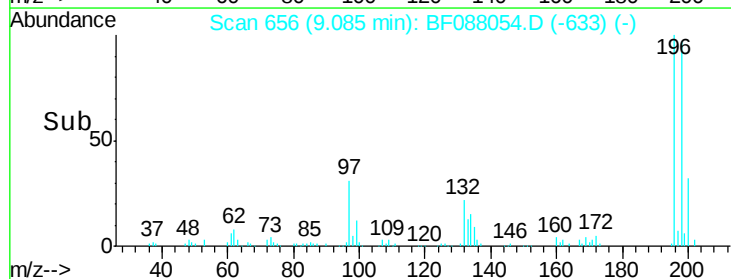
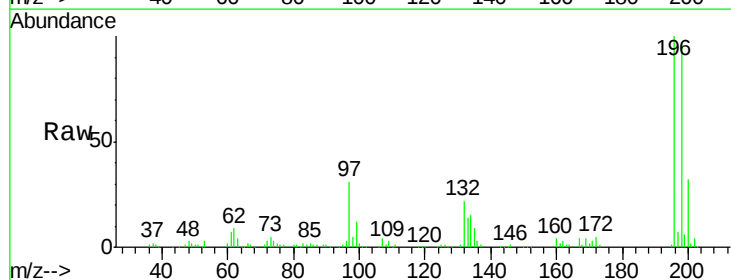
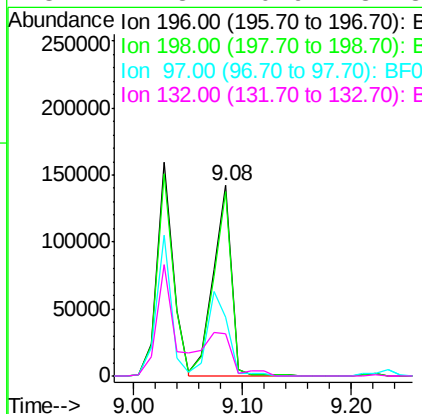
Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-52-060916MSD

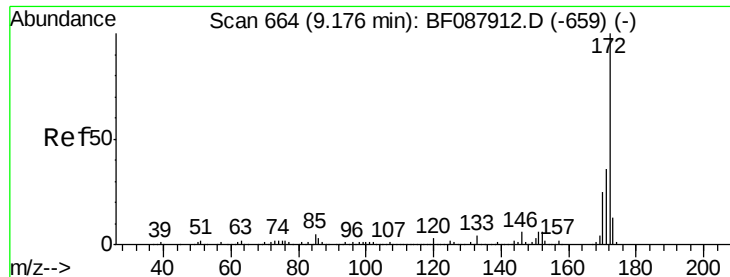
Tgt Ion:196 Resp: 161938
 Ion Ratio Lower Upper
 196 100
 198 94.6 78.0 117.0
 200 30.0 25.4 38.2



#43
 2,4,5-Trichlorophenol
 Concen: 44.23 ng
 RT: 9.08 min Scan# 656
 Delta R.T. -0.03 min
 Lab File: BF088054.D
 Acq: 16 Jun 2016 1:01

Tgt Ion:196 Resp: 167024
 Ion Ratio Lower Upper
 196 100
 198 97.0 77.5 116.3
 97 30.7 32.0 48.0#
 132 22.3 20.9 31.3





#44

2-Fluorobiphenyl

Concen: 100.26 ng

RT: 9.12 min Scan# 659

Delta R.T. -0.05 min

Lab File: BF088054.D

Acq: 16 Jun 2016 1:01

Instrument :

BNA_F

ClientSampleId :

HSR-WC-52-060916MSD

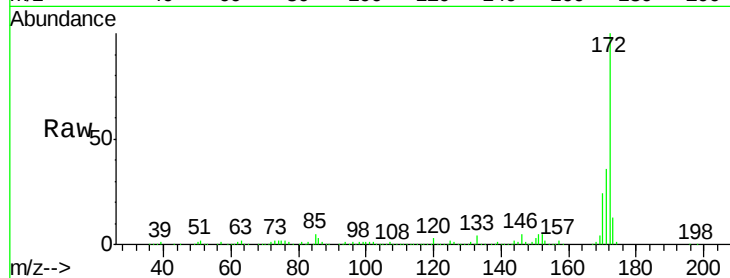
Tgt Ion:172 Resp: 1146870

Ion Ratio Lower Upper

172 100

171 36.1 28.6 43.0

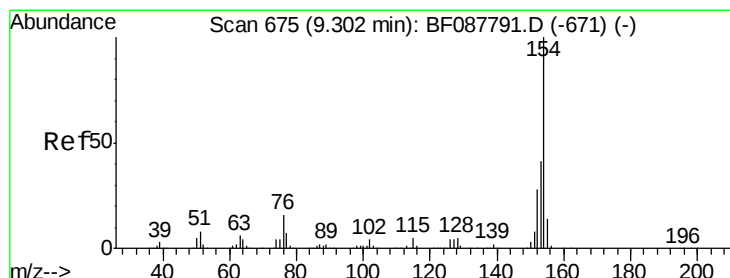
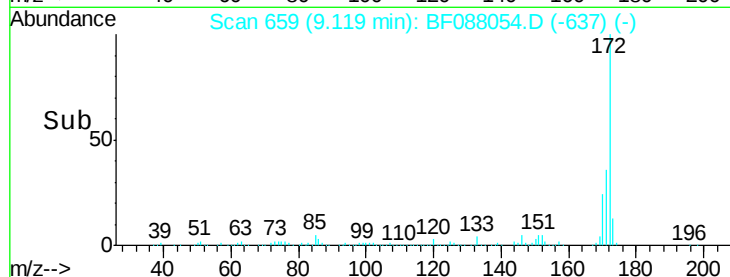
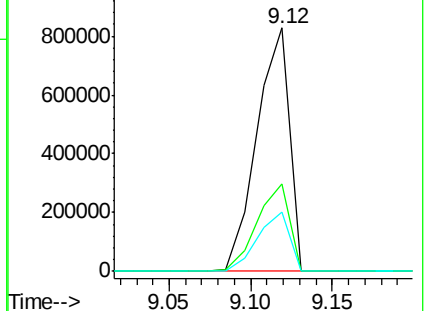
170 24.1 19.2 28.8



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: 48.17 ng

RT: 9.21 min Scan# 667

Delta R.T. -0.06 min

Lab File: BF088054.D

Acq: 16 Jun 2016 1:01

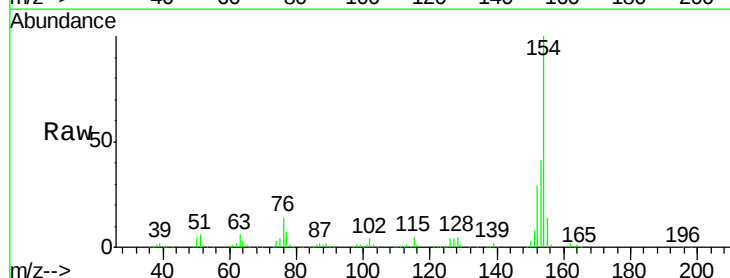
Tgt Ion:154 Resp: 650332

Ion Ratio Lower Upper

154 100

153 41.2 20.6 60.6

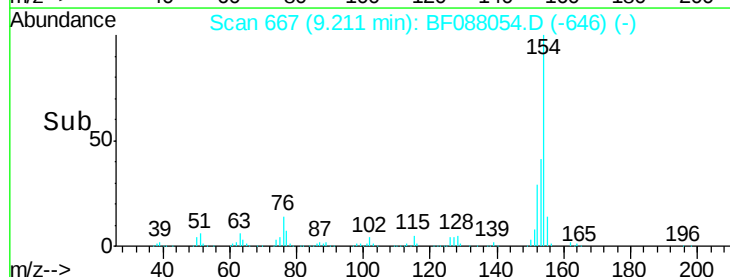
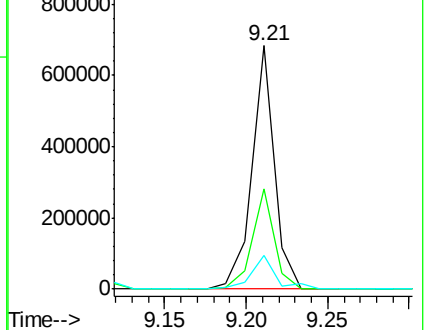
76 14.0 0.0 35.1

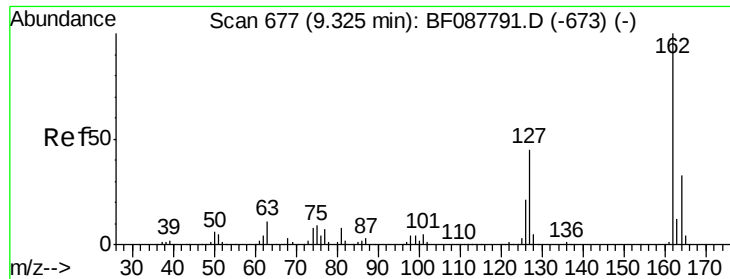


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0

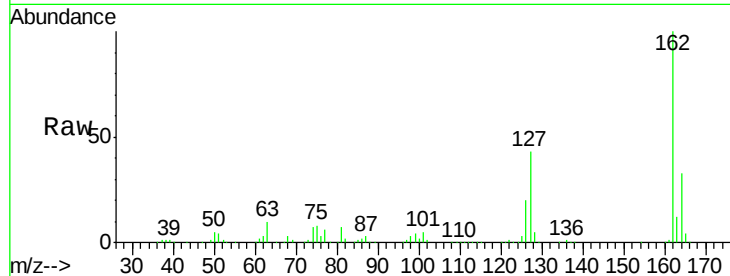




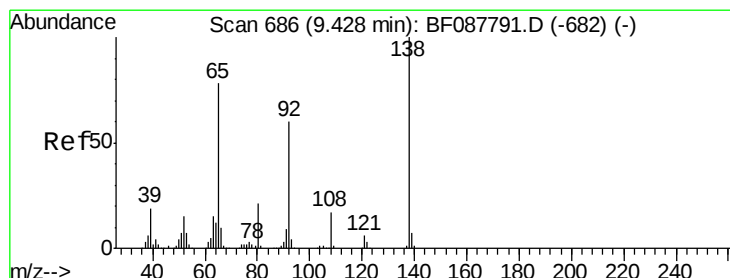
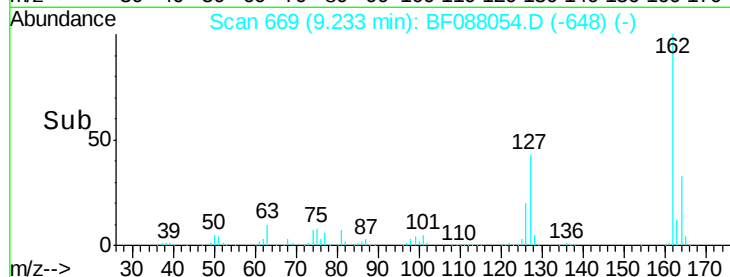
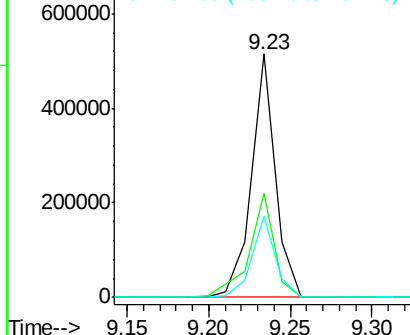
#46
 2-Chloronaphthalene
 Concen: 44.48 ng
 RT: 9.23 min Scan# 669
 Delta R.T. -0.06 min
 Lab File: BF088054.D
 Acq: 16 Jun 2016 1:01

Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-52-060916MSD

Tgt Ion: 162 Resp: 522436
 Ion Ratio Lower Upper
 162 100
 127 42.9 35.2 52.8
 164 33.4 26.6 39.8

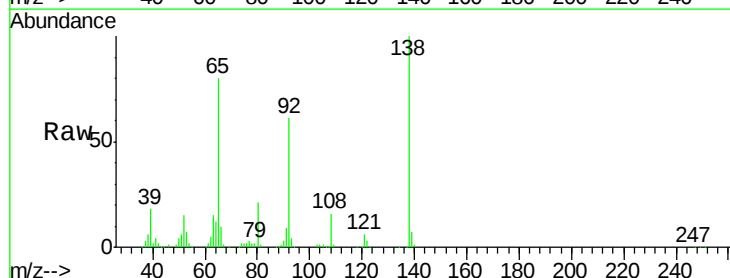


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

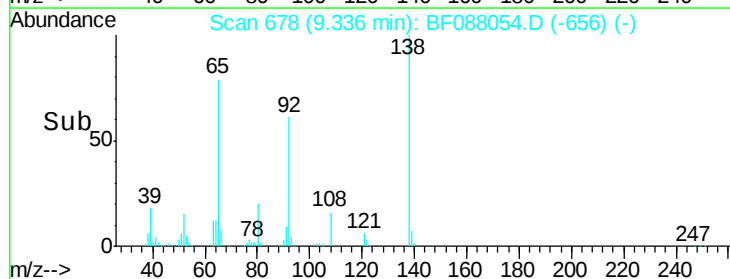
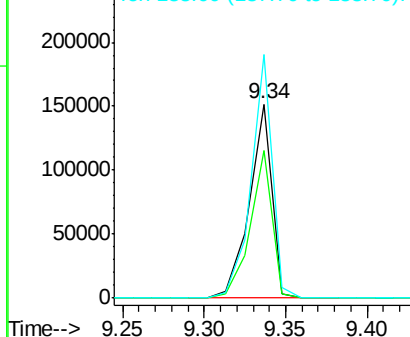


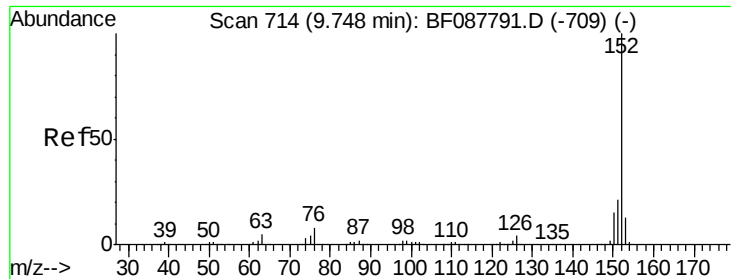
#47
 2-Nitroaniline
 Concen: 41.87 ng
 RT: 9.34 min Scan# 678
 Delta R.T. -0.05 min
 Lab File: BF088054.D
 Acq: 16 Jun 2016 1:01

Tgt Ion: 65 Resp: 145085
 Ion Ratio Lower Upper
 65 100
 92 76.2 54.6 82.0
 138 125.5 77.0 115.4#



Abundance Ion 65.00 (64.70 to 65.70): BF0
 Ion 92.00 (91.70 to 92.70): BF0
 Ion 138.00 (137.70 to 138.70): E





#48

Acenaphthylene

Concen: 41.12 ng

RT: 9.64 min Scan# 705

Delta R.T. -0.06 min

Lab File: BF088054.D

Acq: 16 Jun 2016 1:01

Instrument :

BNA_F

ClientSampleId :

HSR-WC-52-060916MSD

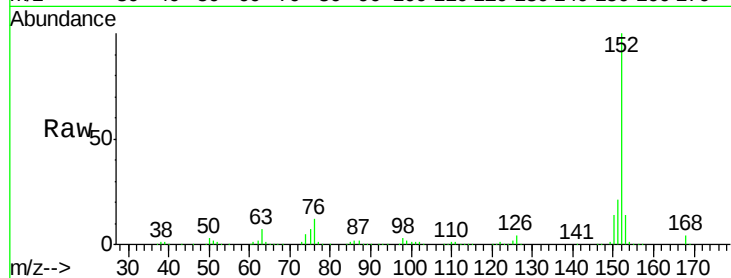
Tgt Ion:152 Resp: 768234

Ion Ratio Lower Upper

152 100

151 20.6 16.2 24.4

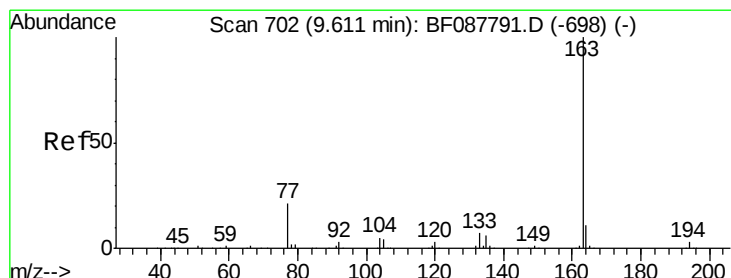
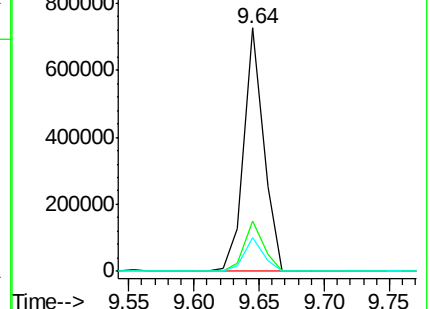
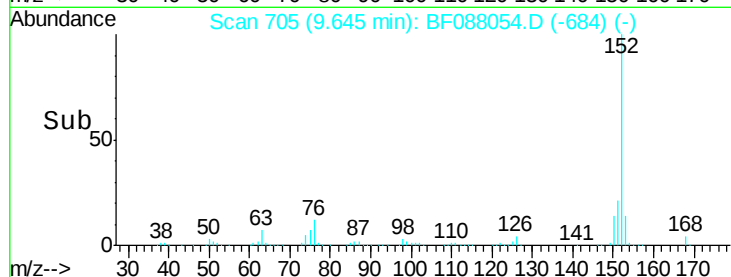
153 13.6 11.0 16.6



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#49

Dimethylphthalate

Concen: 46.44 ng

RT: 9.52 min Scan# 694

Delta R.T. -0.05 min

Lab File: BF088054.D

Acq: 16 Jun 2016 1:01

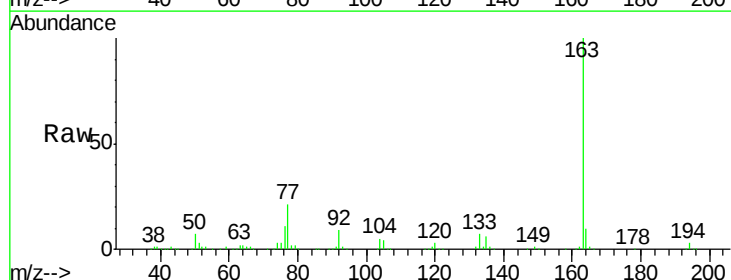
Tgt Ion:163 Resp: 610553

Ion Ratio Lower Upper

163 100

194 3.3 2.8 4.2

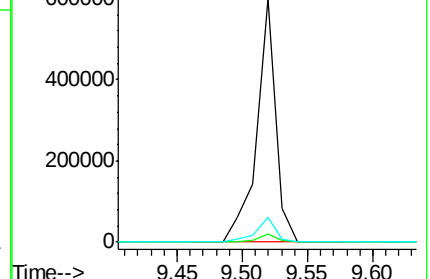
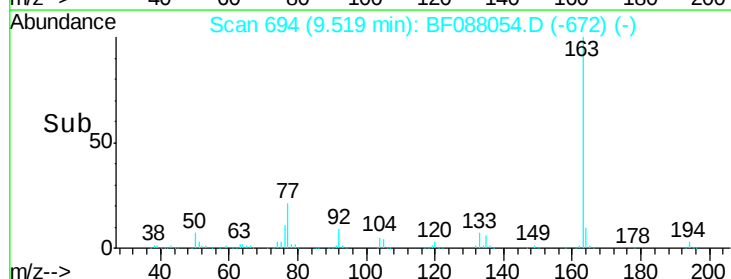
164 10.4 8.3 12.5

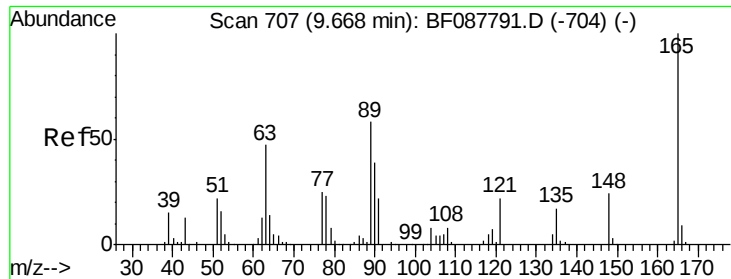


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

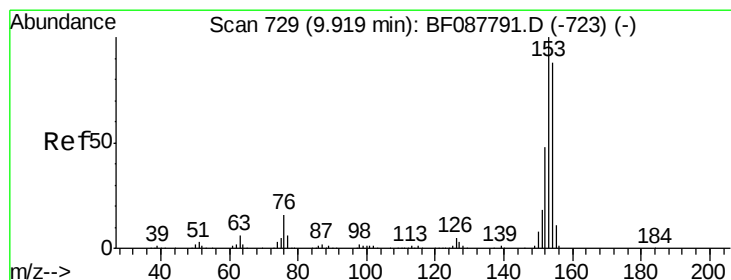
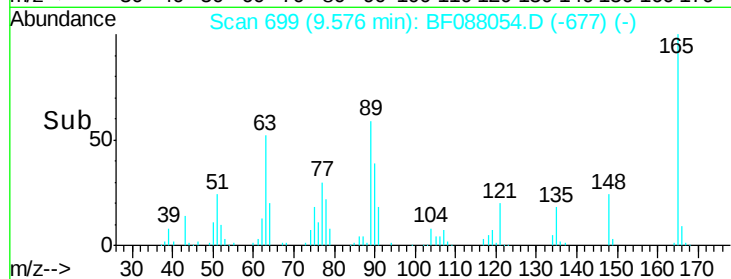
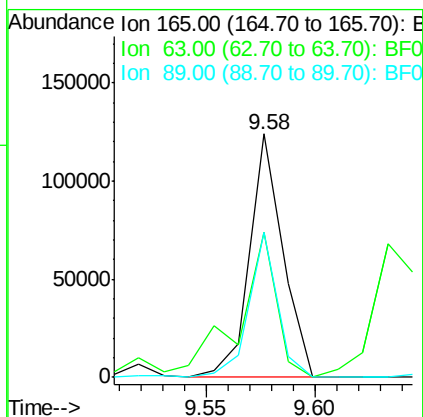
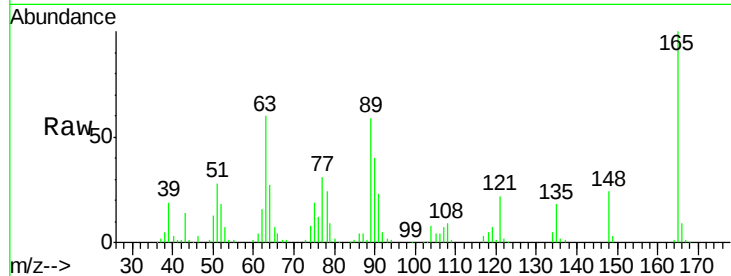




#50
2,6-Dinitrotoluene
Concen: 43.86 ng
RT: 9.58 min Scan# 699
Delta R.T. -0.05 min
Lab File: BF088054.D
Acq: 16 Jun 2016 1:01

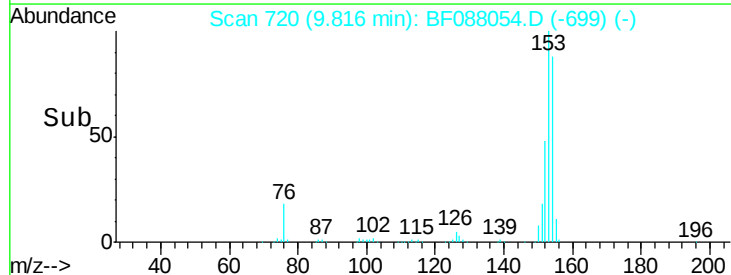
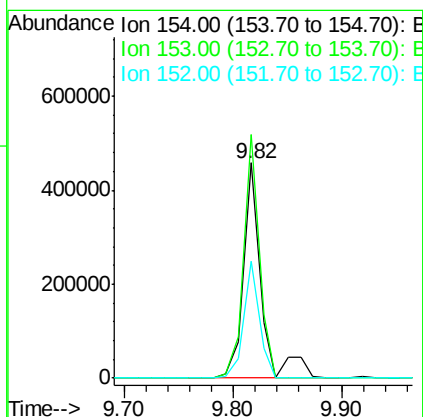
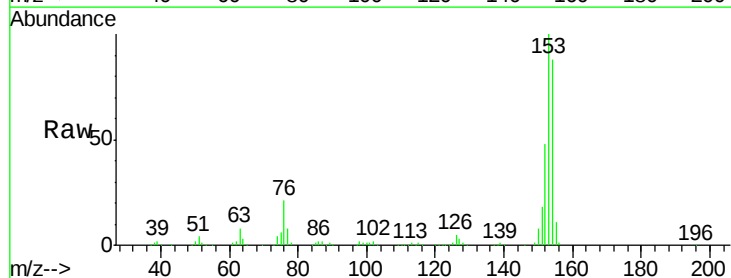
Instrument :
BNA_F
ClientSampleId :
HSR-WC-52-060916MSD

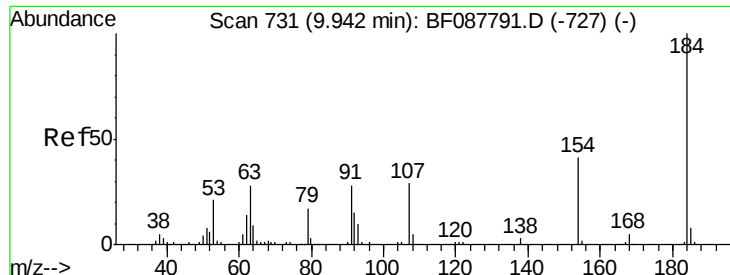
Tgt Ion:165 Resp: 132063
Ion Ratio Lower Upper
165 100
63 59.6 28.1 42.1#
89 59.4 32.2 48.2#



#51
Acenaphthene
Concen: 44.90 ng
RT: 9.82 min Scan# 720
Delta R.T. -0.06 min
Lab File: BF088054.D
Acq: 16 Jun 2016 1:01

Tgt Ion:154 Resp: 523311
Ion Ratio Lower Upper
154 100
153 113.1 89.5 134.3
152 54.3 42.7 64.1

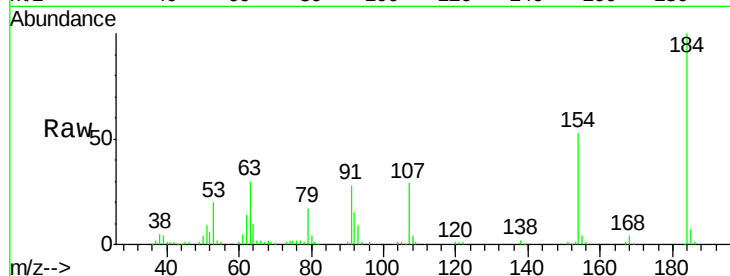




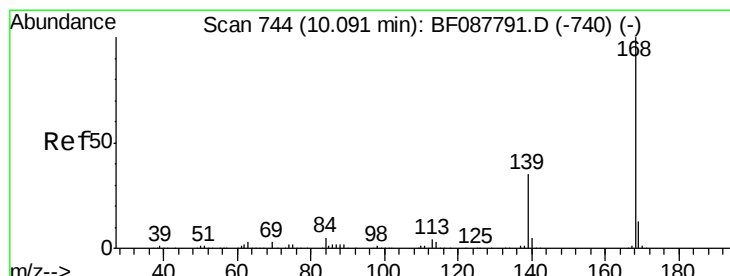
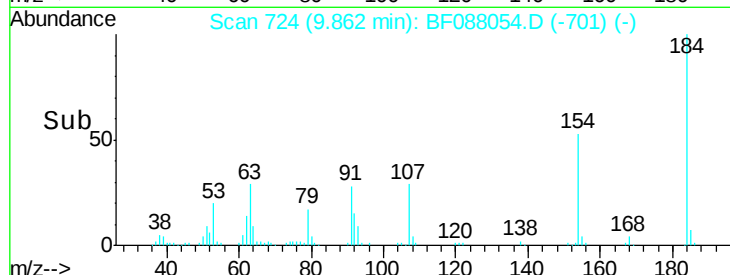
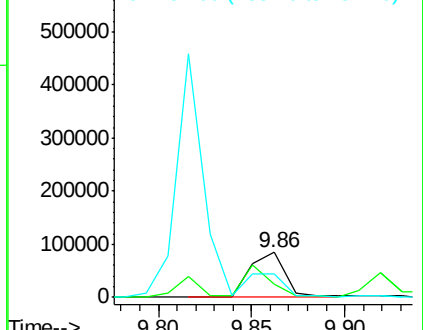
#53
2,4-Dinitrophenol
Concen: 70.53 ng
RT: 9.86 min Scan# 724
Delta R.T. -0.03 min
Lab File: BF088054.D
Acq: 16 Jun 2016 1:01

Instrument :
BNA_F
ClientSampleId :
HSR-WC-52-060916MSD

Tgt Ion:184 Resp: 112756
Ion Ratio Lower Upper
184 100
63 29.7 57.6 86.4#
154 52.6 53.5 80.3#

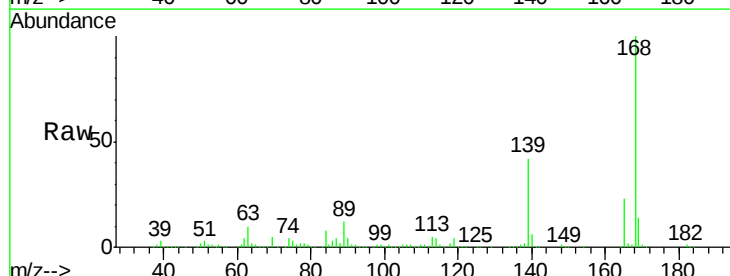


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

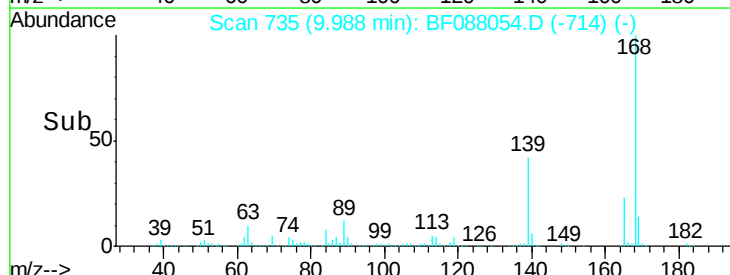
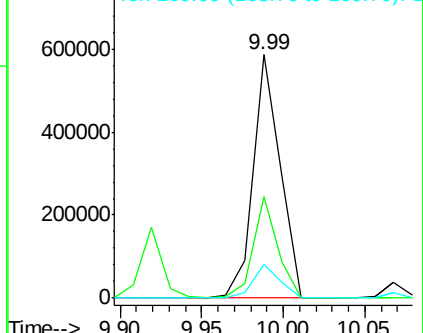


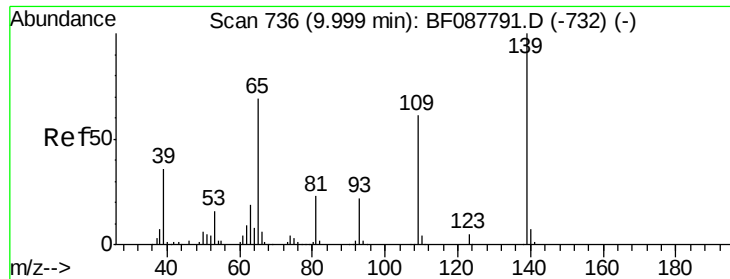
#54
Dibenzofuran
Concen: 41.75 ng
RT: 9.99 min Scan# 735
Delta R.T. -0.06 min
Lab File: BF088054.D
Acq: 16 Jun 2016 1:01

Tgt Ion:168 Resp: 670166
Ion Ratio Lower Upper
168 100
139 41.6 26.4 39.6#
169 14.0 10.4 15.6



Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E





#55

4-Nitrophenol

Concen: 59.11 ng

RT: 9.92 min Scan# 729

Delta R.T. -0.03 min

Lab File: BF088054.D

Acq: 16 Jun 2016 1:01

Instrument :

BNA_F

ClientSampleId :

HSR-WC-52-060916MSD

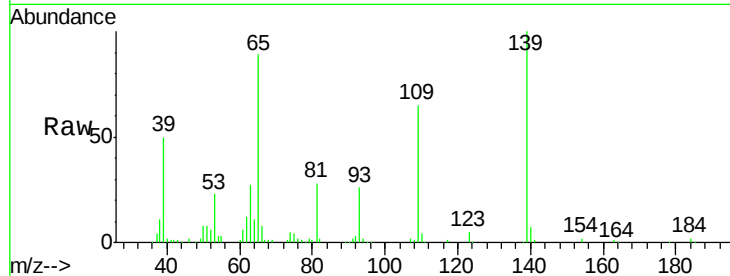
Tgt Ion:139 Resp: 159407

Ion Ratio Lower Upper

139 100

109 65.2 48.9 88.9

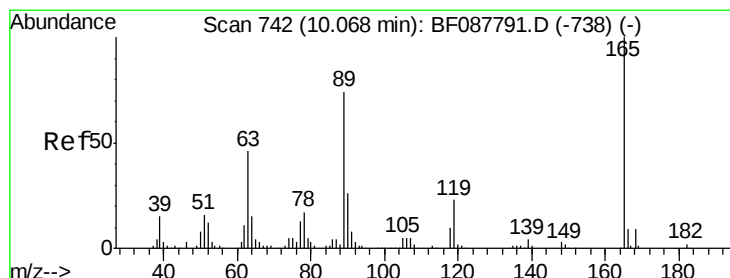
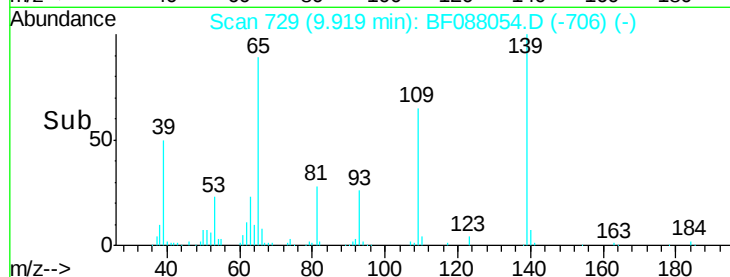
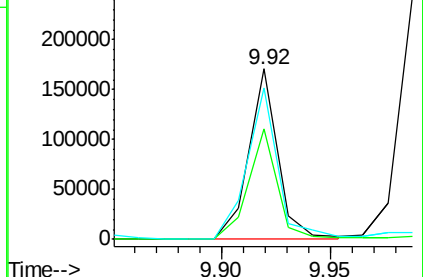
65 89.2 84.9 124.9



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 45.68 ng

RT: 9.99 min Scan# 735

Delta R.T. -0.05 min

Lab File: BF088054.D

Acq: 16 Jun 2016 1:01

Tgt Ion:165 Resp: 176759

Ion Ratio Lower Upper

165 100

63 43.2 22.0 33.0#

89 54.9 41.1 61.7

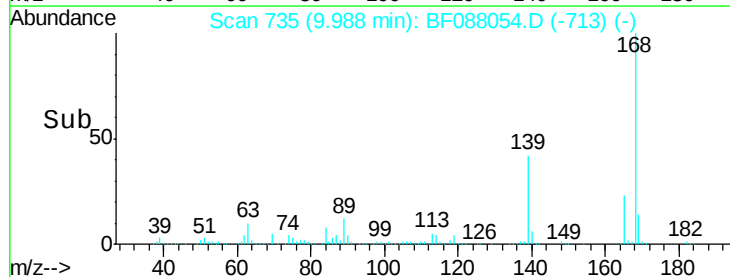
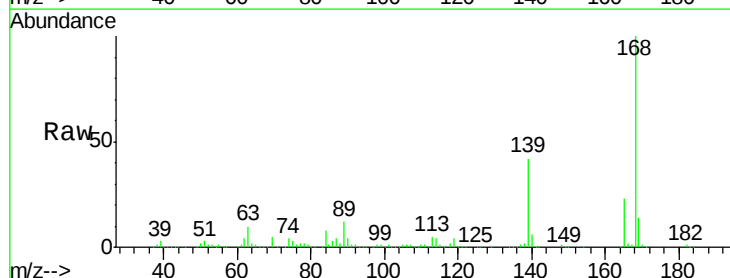
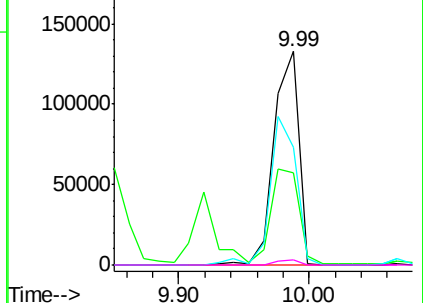
182 2.6 2.0 3.0

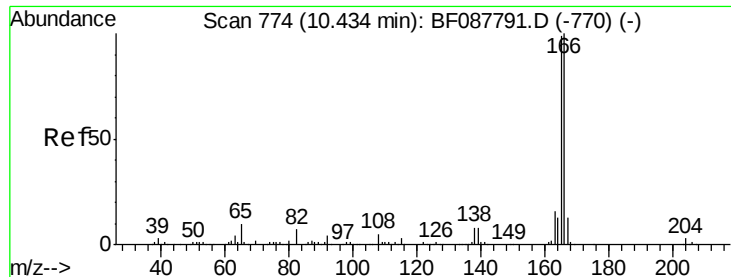
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 42.43 ng

RT: 10.33 min Scan# 765

Delta R.T. -0.06 min

Lab File: BF088054.D

Acq: 16 Jun 2016 1:01

Instrument :

BNA_F

ClientSampleId :

HSR-WC-52-060916MSD

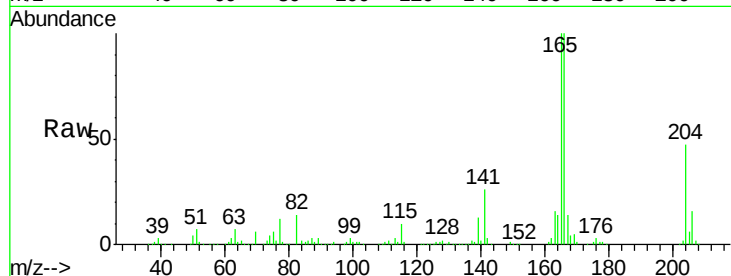
Tgt Ion:166 Resp: 463229

Ion Ratio Lower Upper

166 100

165 99.7 77.8 116.8

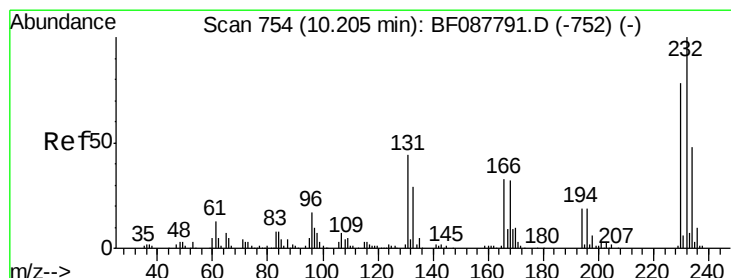
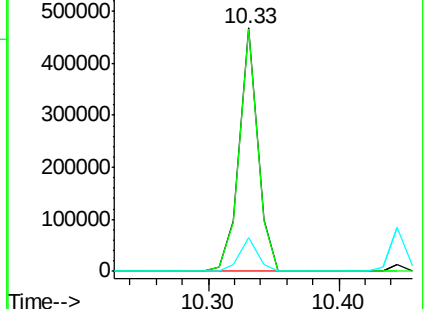
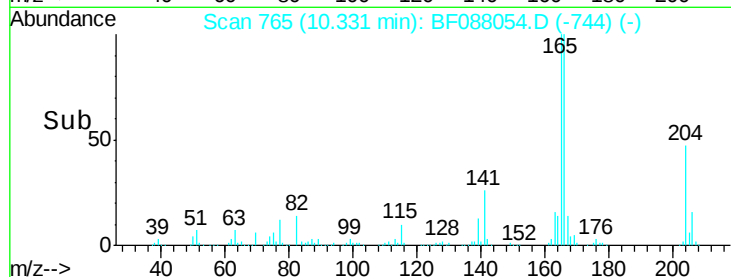
167 14.0 11.2 16.8



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 47.12 ng

RT: 10.11 min Scan# 746

Delta R.T. -0.05 min

Lab File: BF088054.D

Acq: 16 Jun 2016 1:01

Tgt Ion:232 Resp: 139818

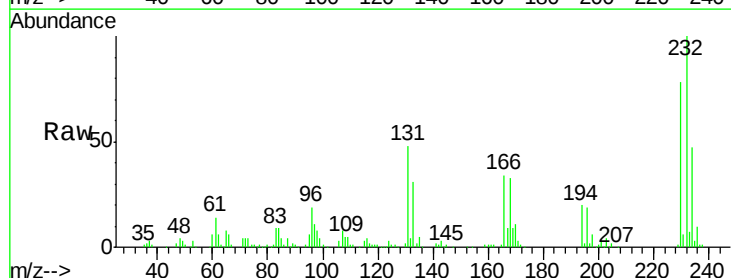
Ion Ratio Lower Upper

232 100

131 49.6 0.9 1.3#

130 2.3 1.5 2.3

166 32.5 0.5 0.7#

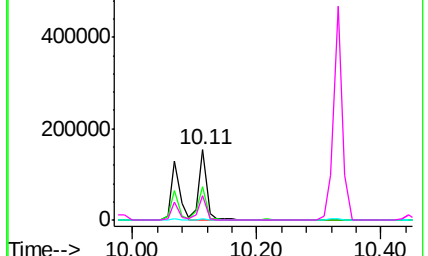
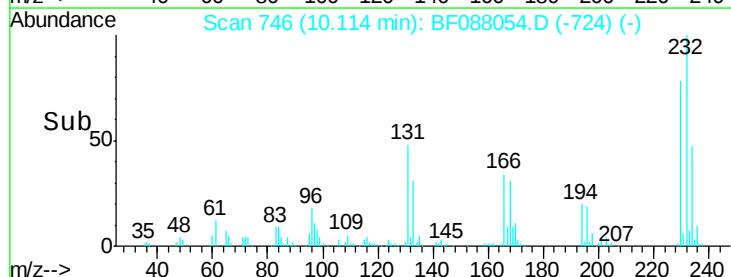


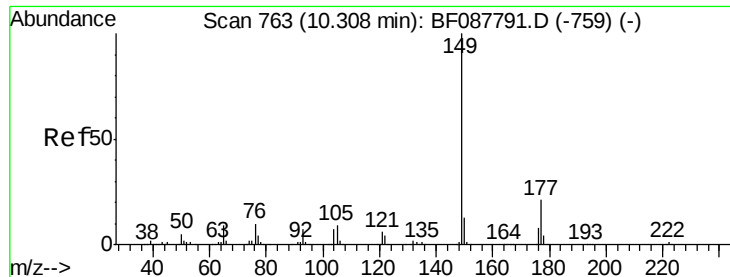
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

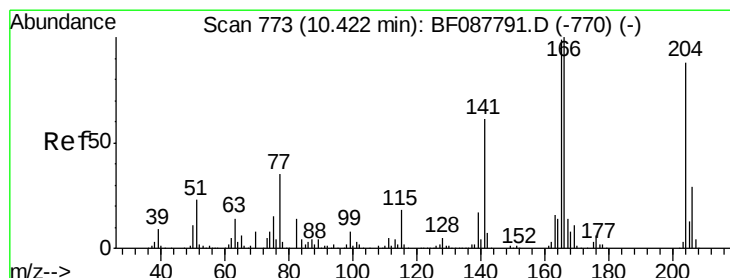
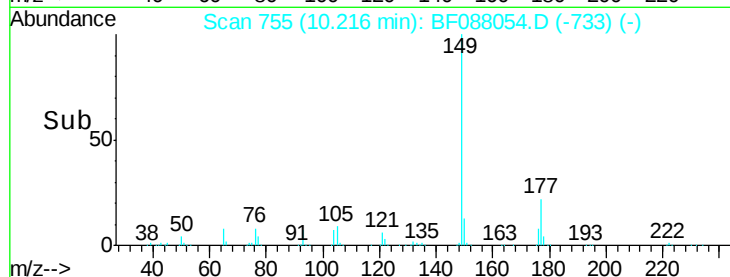
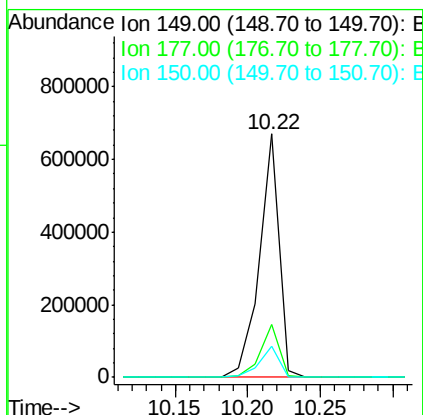
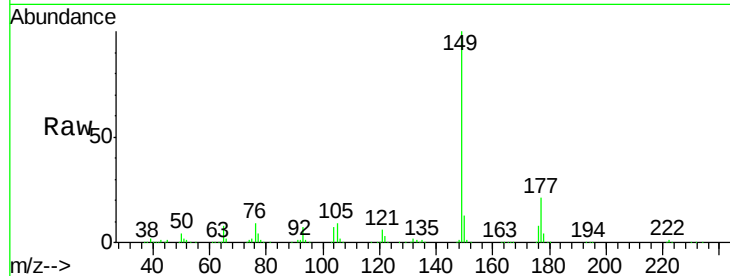




#59
Diethylphthalate
Concen: 47.47 ng
RT: 10.22 min Scan# 755
Delta R.T. -0.05 min
Lab File: BF088054.D
Acq: 16 Jun 2016 1:01

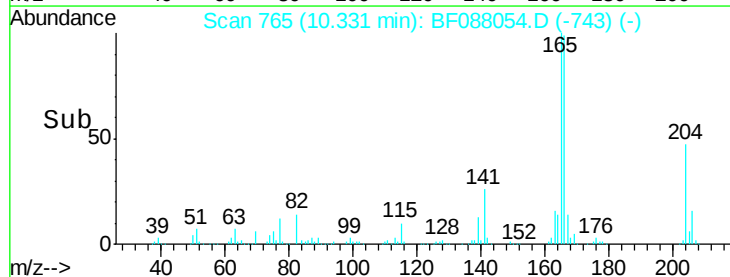
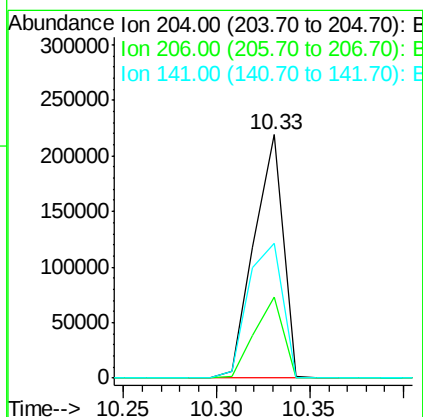
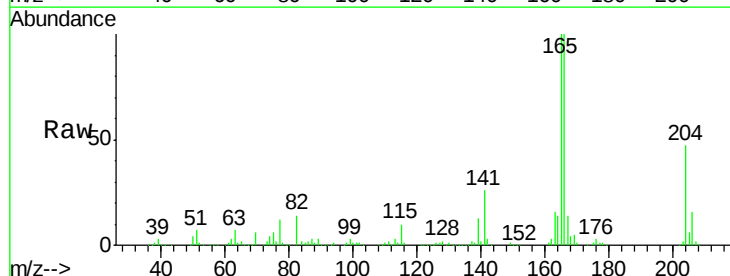
Instrument :
BNA_F
ClientSampleId :
HSR-WC-52-060916MSD

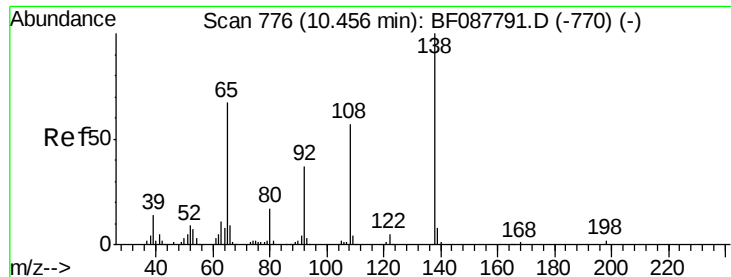
Tgt Ion:149 Resp: 631819
Ion Ratio Lower Upper
149 100
177 21.5 16.9 25.3
150 12.7 10.1 15.1



#60
4-Chlorophenyl-phenylether
Concen: 44.37 ng
RT: 10.33 min Scan# 765
Delta R.T. -0.05 min
Lab File: BF088054.D
Acq: 16 Jun 2016 1:01

Tgt Ion:204 Resp: 236849
Ion Ratio Lower Upper
204 100
206 33.2 26.3 39.5
141 55.4 55.0 82.6





#61

4-Nitroaniline

Concen: 17.84 ng

RT: 10.35 min Scan# 767

Delta R.T. -0.06 min

Lab File: BF088054.D

Acq: 16 Jun 2016 1:01

Instrument :

BNA_F

ClientSampleId :

HSR-WC-52-060916MSD

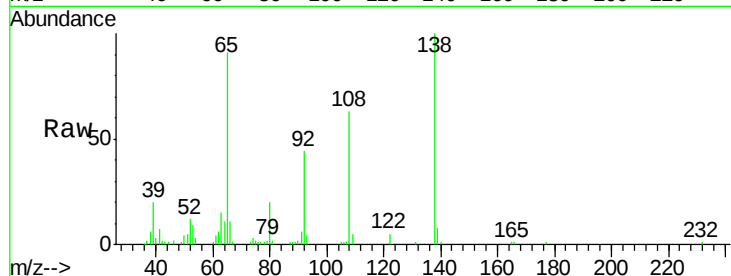
Tgt Ion:138 Resp: 58783

Ion Ratio Lower Upper

138 100

92 43.8 27.3 67.3

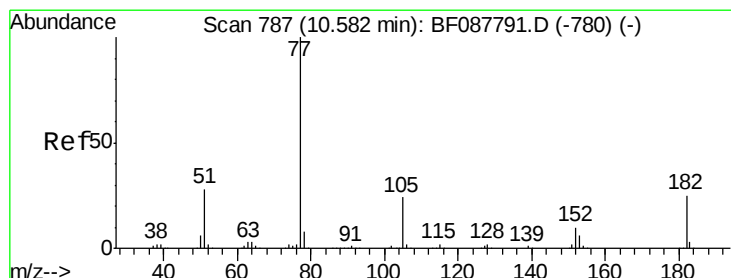
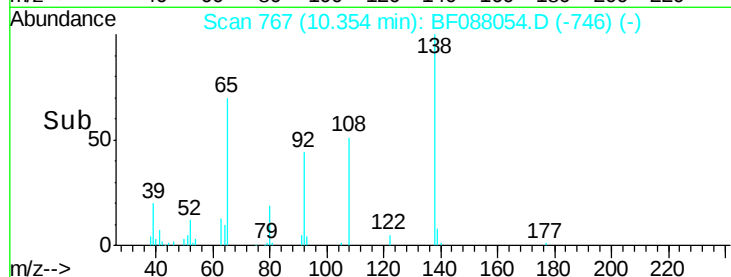
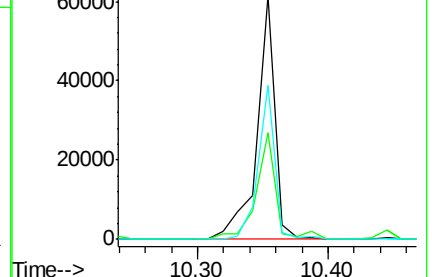
108 63.0 46.7 86.7



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 37.09 ng

RT: 10.48 min Scan# 778

Delta R.T. -0.06 min

Lab File: BF088054.D

Acq: 16 Jun 2016 1:01

Tgt Ion: 77 Resp: 488081

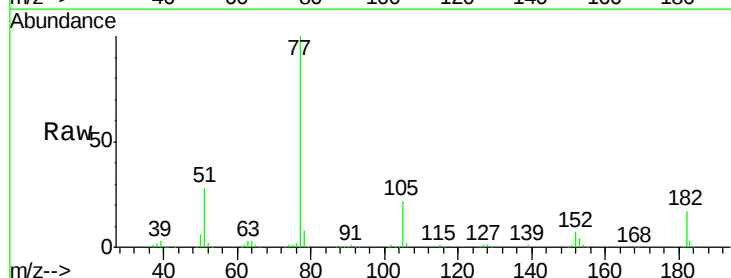
Ion Ratio Lower Upper

77 100

182 17.3 4.4 44.4

105 21.9 3.8 43.8

51 27.8 9.3 49.3

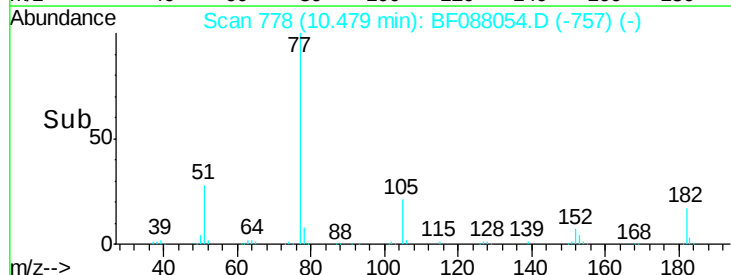
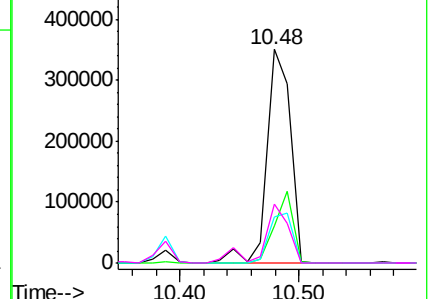


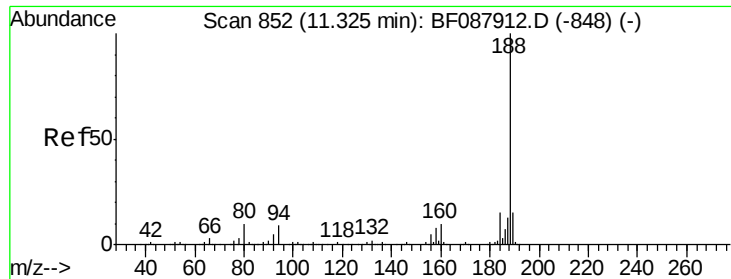
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0

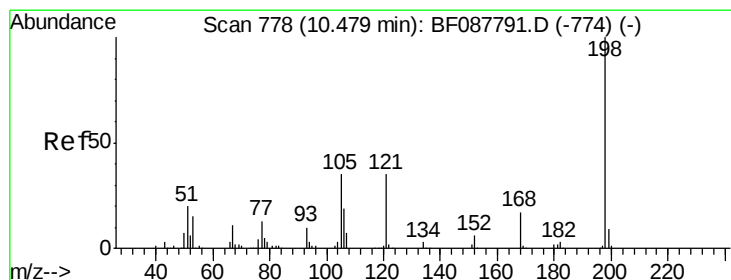
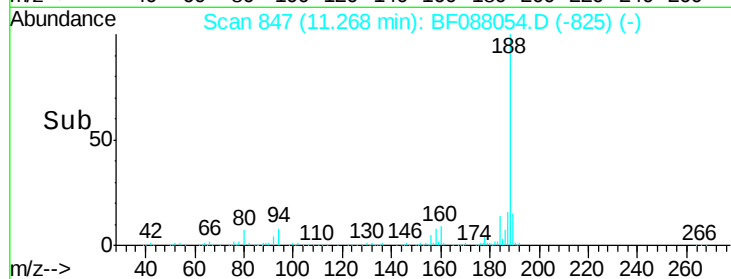
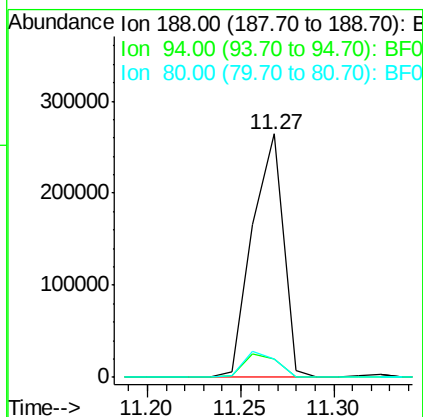
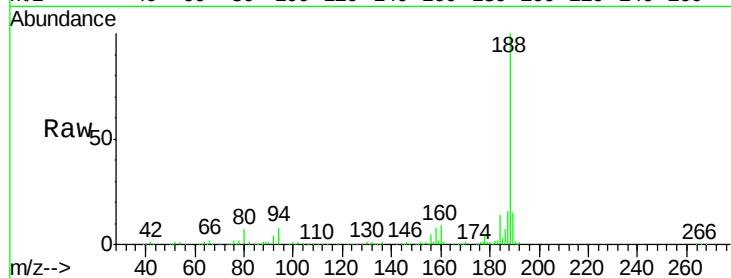




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.27 min Scan# 847
Delta R.T. -0.05 min
Lab File: BF088054.D
Acq: 16 Jun 2016 1:01

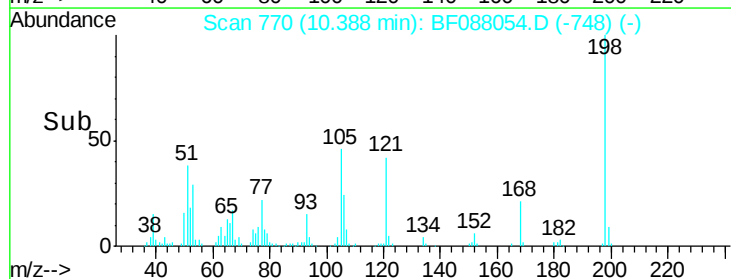
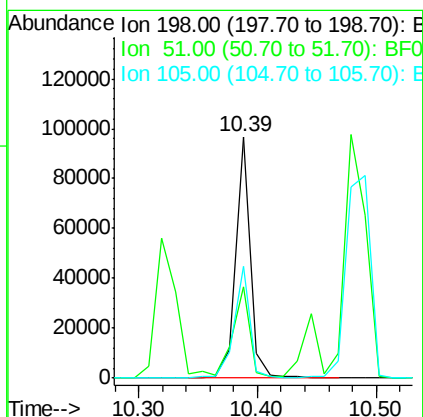
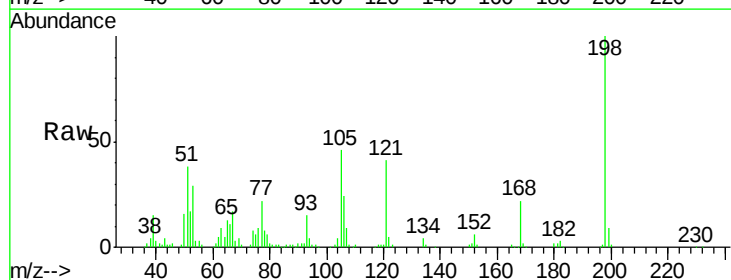
Instrument :
BNA_F
ClientSampleId :
HSR-WC-52-060916MSD

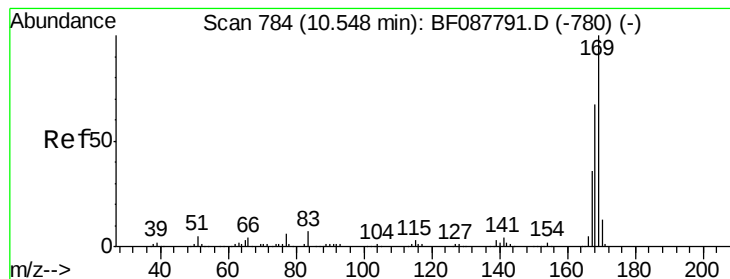
Tgt Ion:188 Resp: 304202
Ion Ratio Lower Upper
188 100
94 7.6 9.0 13.6#
80 7.4 10.0 15.0#



#64
4,6-Dinitro-2-methylphenol
Concen: 44.20 ng
RT: 10.39 min Scan# 770
Delta R.T. -0.05 min
Lab File: BF088054.D
Acq: 16 Jun 2016 1:01

Tgt Ion:198 Resp: 83592
Ion Ratio Lower Upper
198 100
51 37.7 39.6 79.6#
105 46.3 36.6 76.6





#65

n-Nitrosodiphenylamine

Concen: 18.93 ng

RT: 10.44 min Scan# 775

Delta R.T. -0.06 min

Lab File: BF088054.D

Acq: 16 Jun 2016 1:01

Instrument :

BNA_F

ClientSampleId :

HSR-WC-52-060916MSD

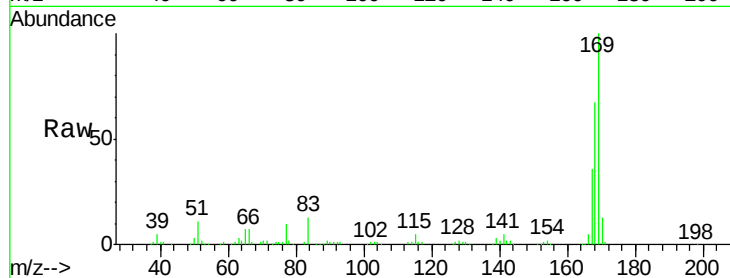
Tgt Ion:169 Resp: 191083

Ion Ratio Lower Upper

169 100

168 66.9 53.4 80.0

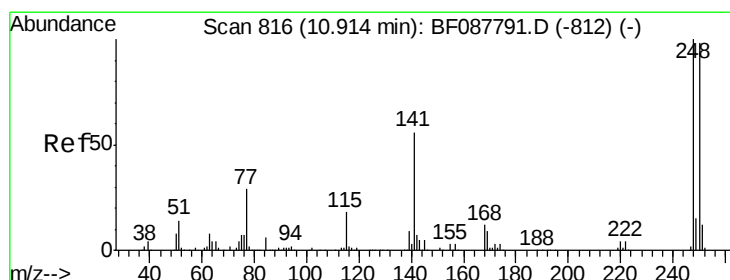
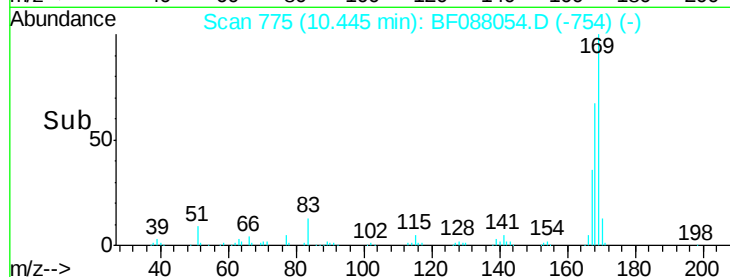
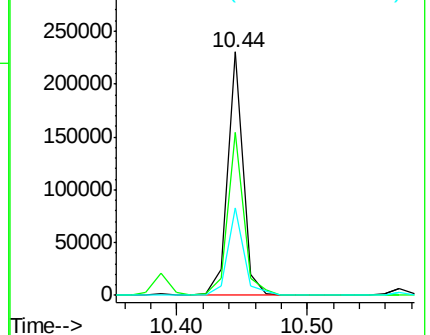
167 36.1 29.4 44.0



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 44.83 ng

RT: 10.81 min Scan# 807

Delta R.T. -0.06 min

Lab File: BF088054.D

Acq: 16 Jun 2016 1:01

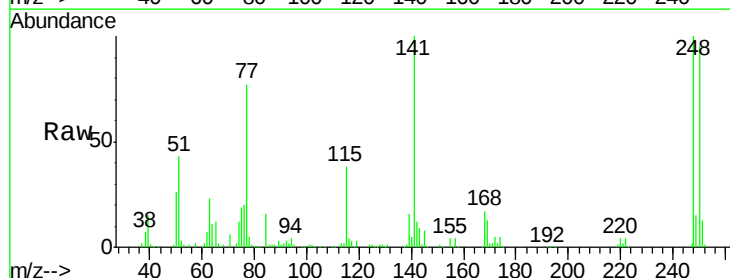
Tgt Ion:248 Resp: 146315

Ion Ratio Lower Upper

248 100

250 95.4 77.1 115.7

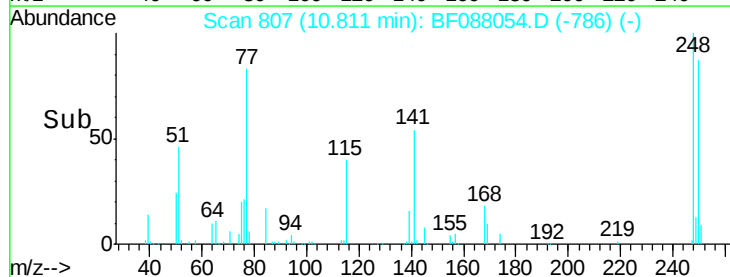
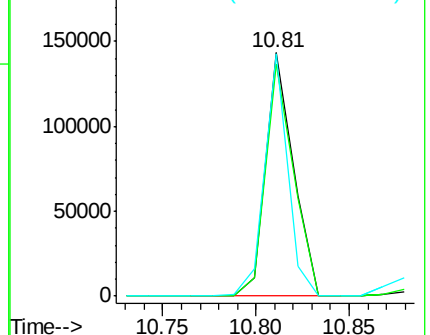
141 99.6 50.6 76.0#

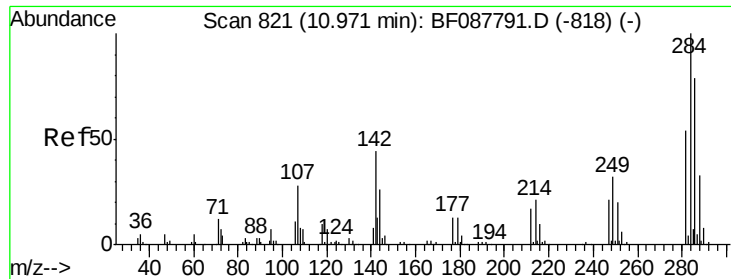


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

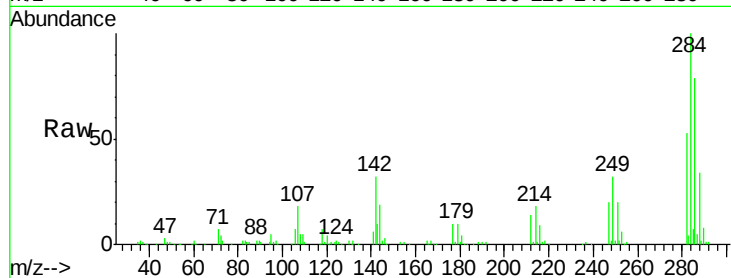




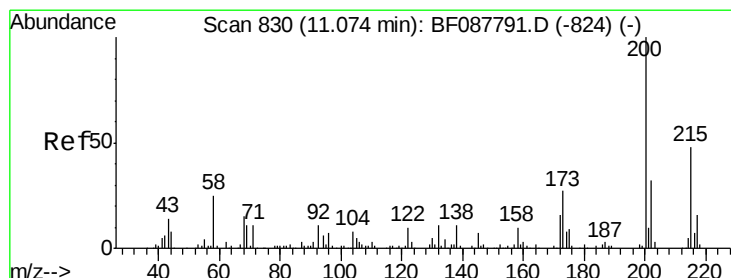
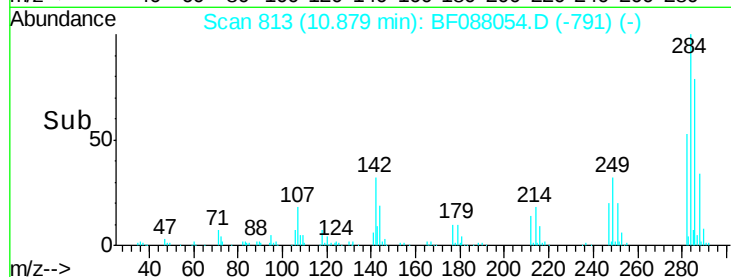
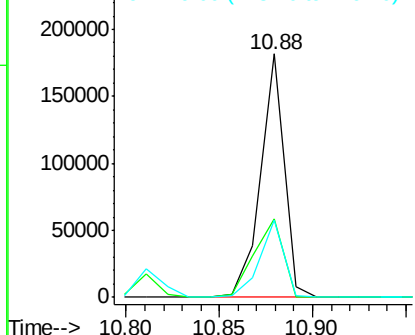
#67
Hexachlorobenzene
Concen: 46.72 ng
RT: 10.88 min Scan# 813
Delta R.T. -0.05 min
Lab File: BF088054.D
Acq: 16 Jun 2016 1:01

Instrument :
BNA_F
ClientSampleId :
HSR-WC-52-060916MSD

Tgt Ion:284 Resp: 158427
Ion Ratio Lower Upper
284 100
142 32.3 35.8 53.8#
249 31.6 25.8 38.6

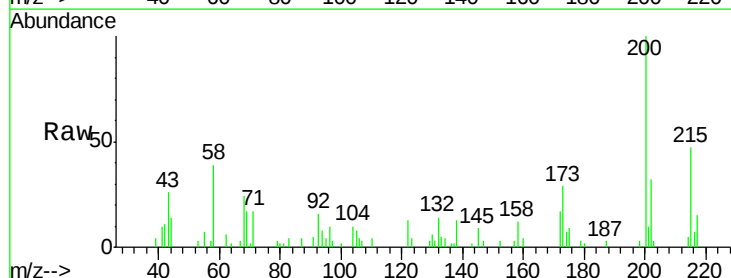


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

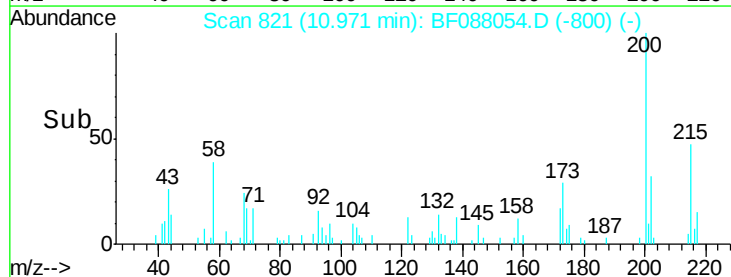
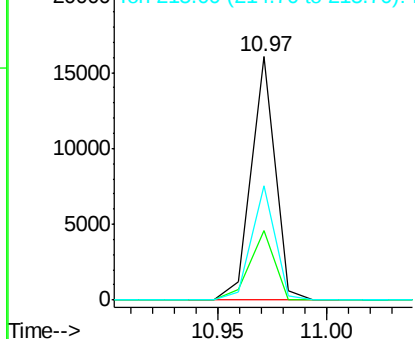


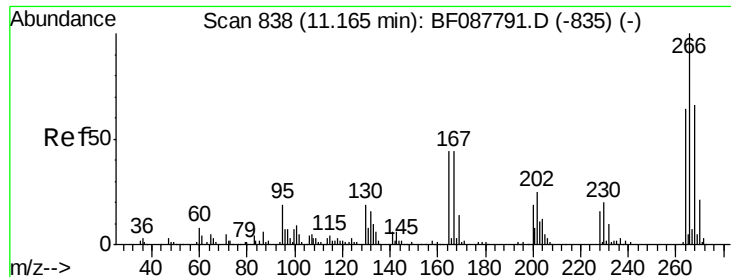
#68
Atrazine
Concen: 4.00 ng
RT: 10.97 min Scan# 821
Delta R.T. -0.06 min
Lab File: BF088054.D
Acq: 16 Jun 2016 1:01

Tgt Ion:200 Resp: 12236
Ion Ratio Lower Upper
200 100
173 28.6 4.0 44.0
215 46.9 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

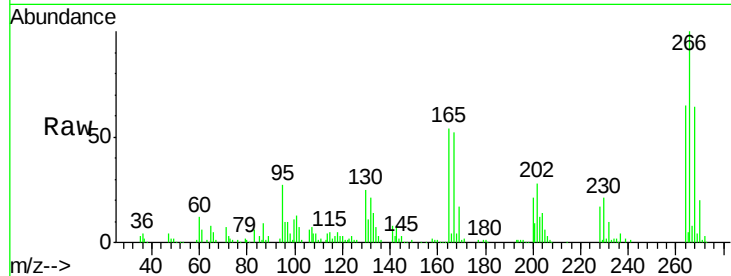




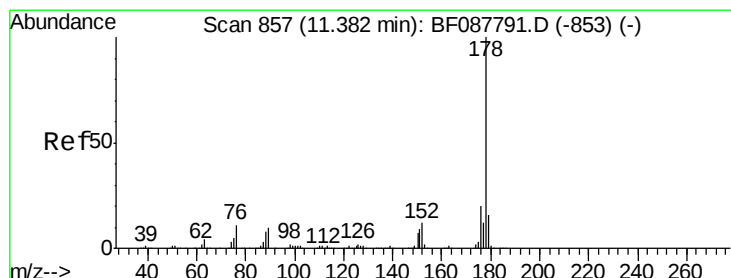
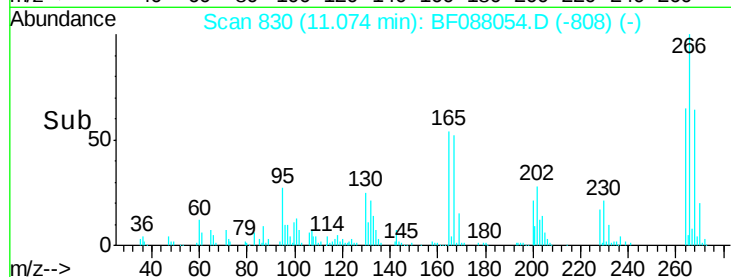
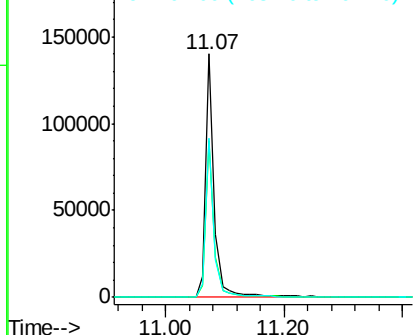
#69
 Pentachlorophenol
 Concen: 82.47 ng
 RT: 11.07 min Scan# 830
 Delta R.T. -0.05 min
 Lab File: BF088054.D
 Acq: 16 Jun 2016 1:01

Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-52-060916MSD

Tgt Ion: 266 Resp: 147416
 Ion Ratio Lower Upper
 266 100
 268 64.3 52.8 79.2
 264 65.3 49.6 74.4

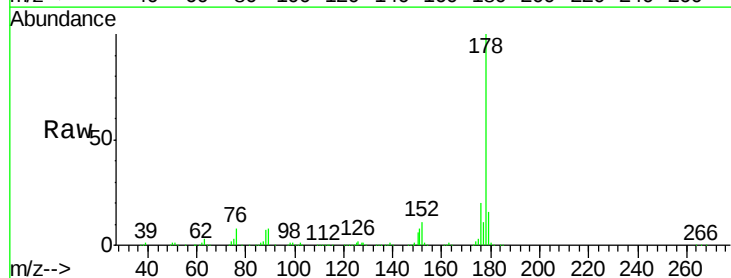


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

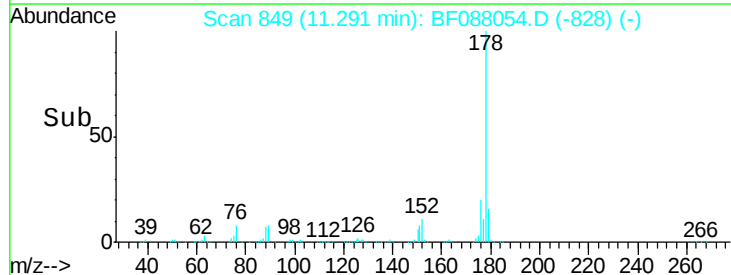
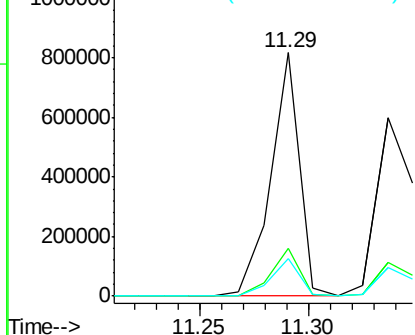


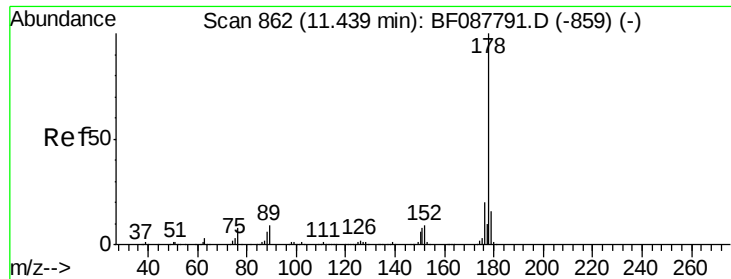
#70
 Phenanthrene
 Concen: 47.19 ng
 RT: 11.29 min Scan# 849
 Delta R.T. -0.06 min
 Lab File: BF088054.D
 Acq: 16 Jun 2016 1:01

Tgt Ion: 178 Resp: 753349
 Ion Ratio Lower Upper
 178 100
 176 19.8 15.8 23.6
 179 15.7 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

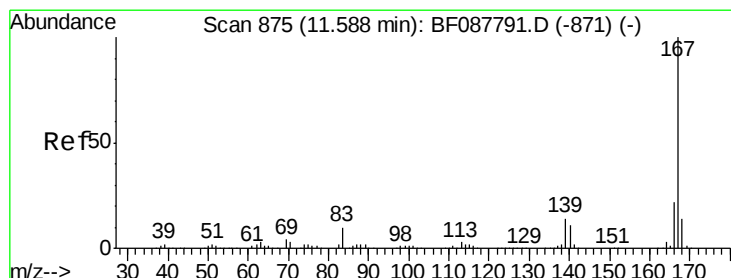
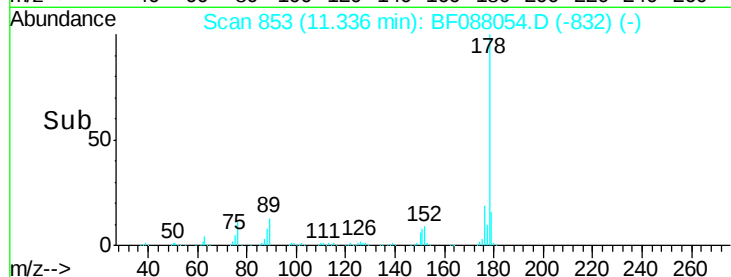
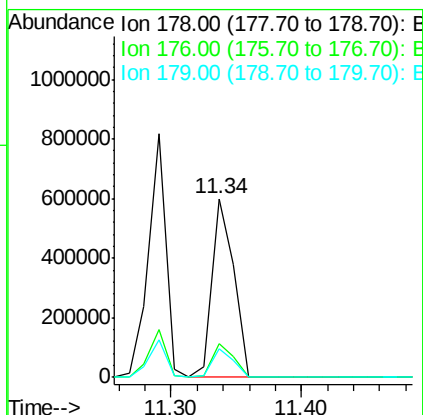
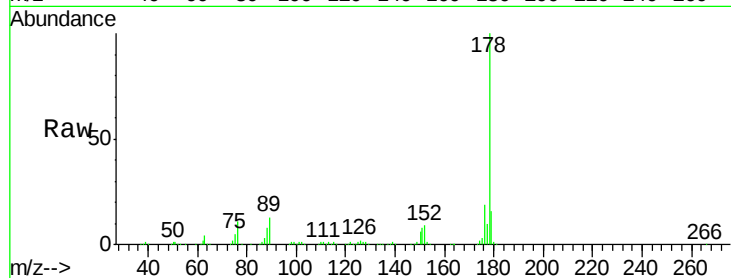




#71
 Anthracene
 Concen: 43.49 ng
 RT: 11.34 min Scan# 853
 Delta R.T. -0.06 min
 Lab File: BF088054.D
 Acq: 16 Jun 2016 1:01

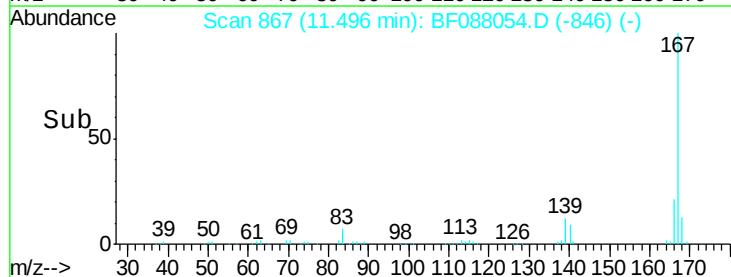
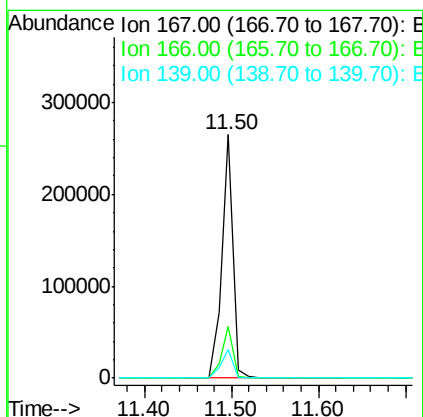
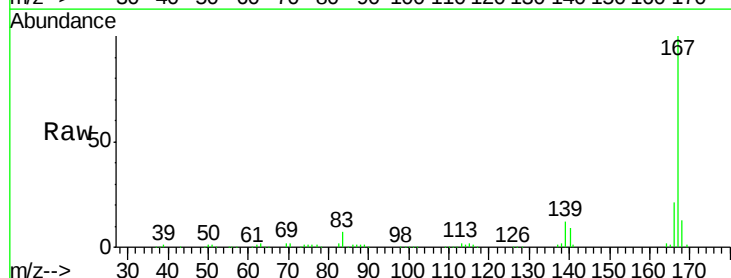
Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-52-060916MSD

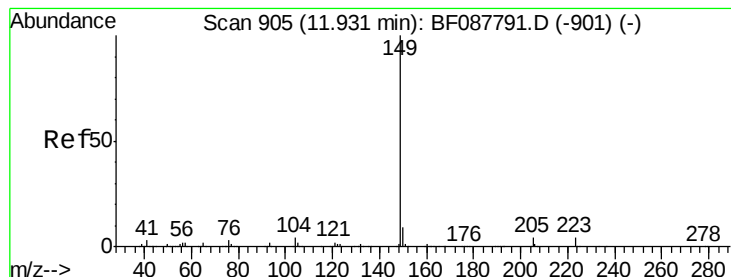
Tgt Ion:178 Resp: 700340
 Ion Ratio Lower Upper
 178 100
 176 18.9 15.6 23.4
 179 15.9 12.8 19.2



#72
 Carbazole
 Concen: 16.01 ng
 RT: 11.50 min Scan# 867
 Delta R.T. -0.06 min
 Lab File: BF088054.D
 Acq: 16 Jun 2016 1:01

Tgt Ion:167 Resp: 241211
 Ion Ratio Lower Upper
 167 100
 166 21.4 17.8 26.6
 139 11.9 11.2 16.8





#73

Di-n-butylphthalate

Concen: 47.36 ng

RT: 11.84 min Scan# 897

Delta R.T. -0.05 min

Lab File: BF088054.D

Acq: 16 Jun 2016 1:01

Instrument :

BNA_F

ClientSampleId :

HSR-WC-52-060916MSD

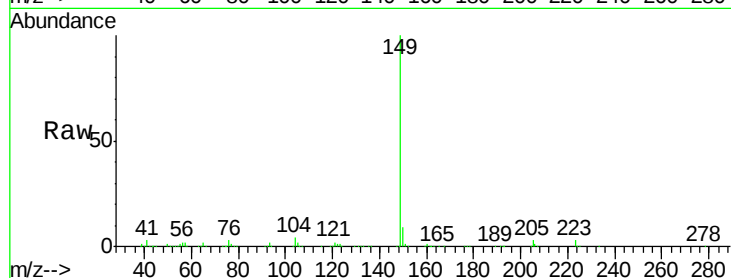
Tgt Ion:149 Resp: 903346

Ion Ratio Lower Upper

149 100

150 9.1 7.8 11.6

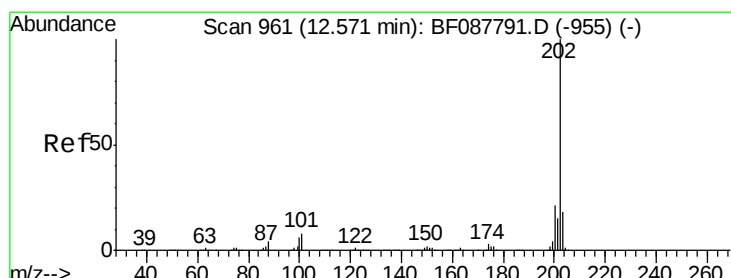
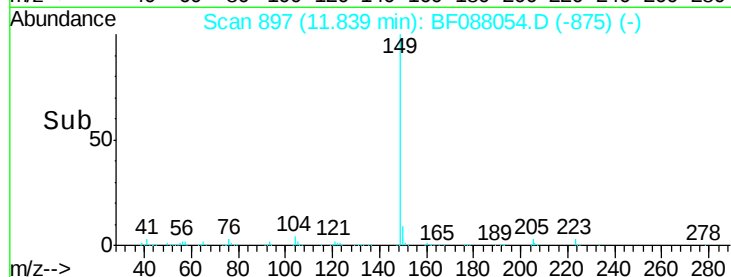
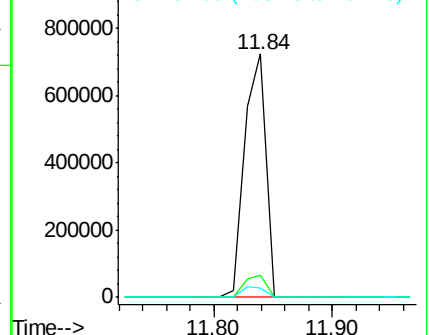
104 3.6 4.0 6.0#



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: 37.40 ng

RT: 12.47 min Scan# 952

Delta R.T. -0.06 min

Lab File: BF088054.D

Acq: 16 Jun 2016 1:01

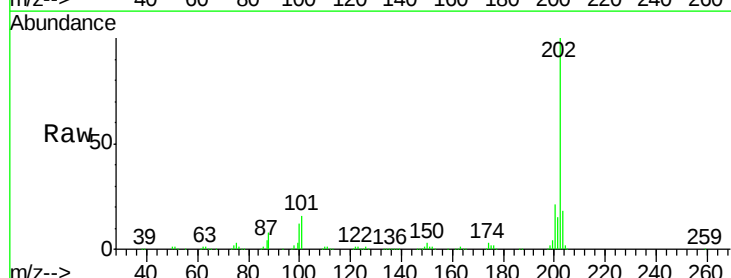
Tgt Ion:202 Resp: 630082

Ion Ratio Lower Upper

202 100

101 16.4 0.0 33.1

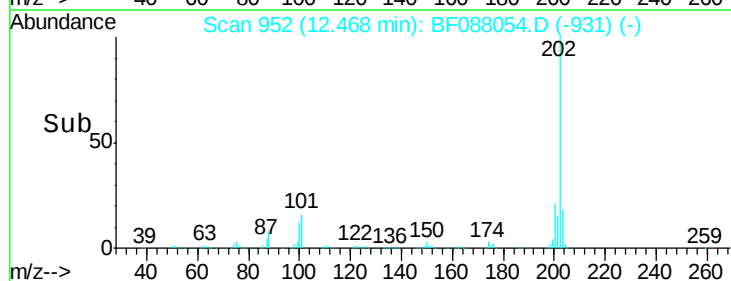
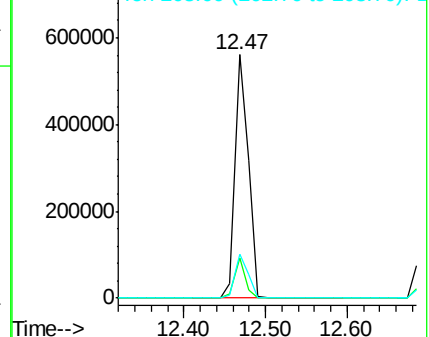
203 18.1 0.0 38.1

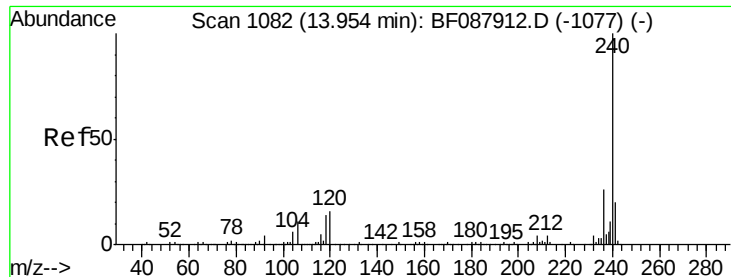


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

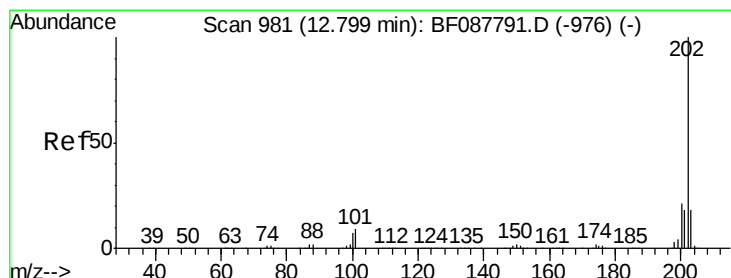
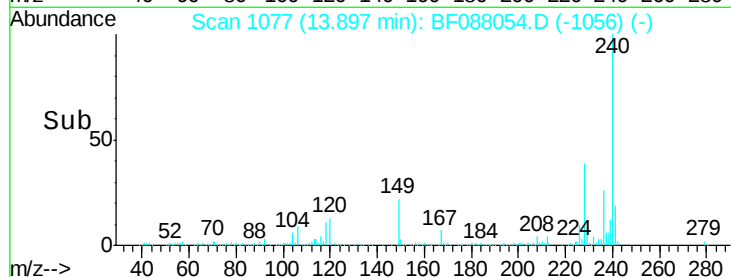
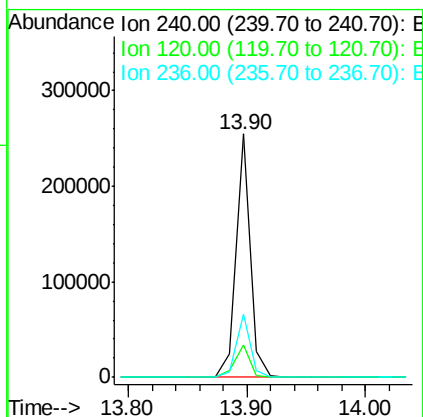
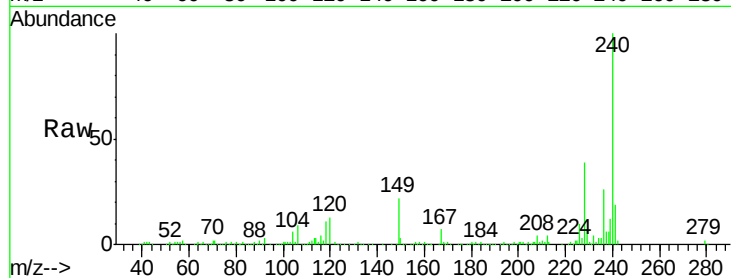




#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.90 min Scan# 1077
Delta R.T. -0.06 min
Lab File: BF088054.D
Acq: 16 Jun 2016 1:01

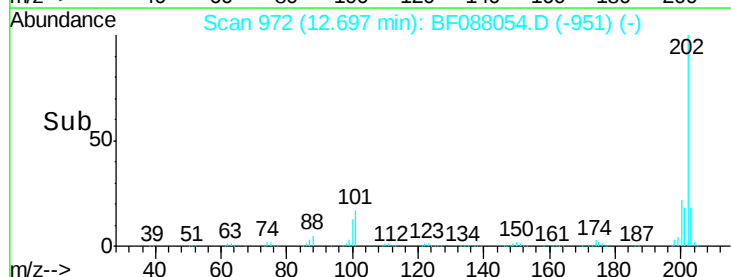
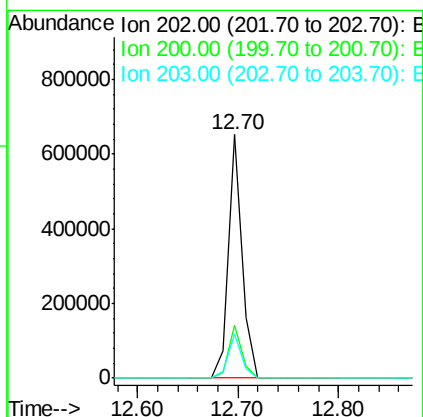
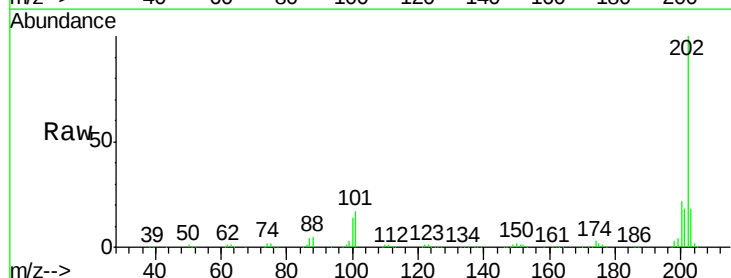
Instrument :
BNA_F
ClientSampleId :
HSR-WC-52-060916MSD

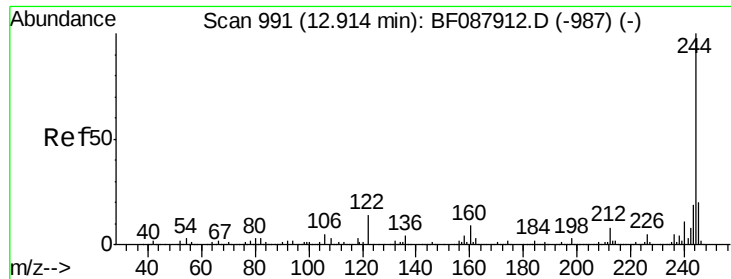
Tgt Ion: 240 Resp: 212668
Ion Ratio Lower Upper
240 100
120 13.2 6.8 10.2#
236 25.7 20.2 30.2



#77
Pyrene
Concen: 38.94 ng
RT: 12.70 min Scan# 972
Delta R.T. -0.06 min
Lab File: BF088054.D
Acq: 16 Jun 2016 1:01

Tgt Ion: 202 Resp: 614536
Ion Ratio Lower Upper
202 100
200 21.5 17.4 26.2
203 18.0 14.5 21.7

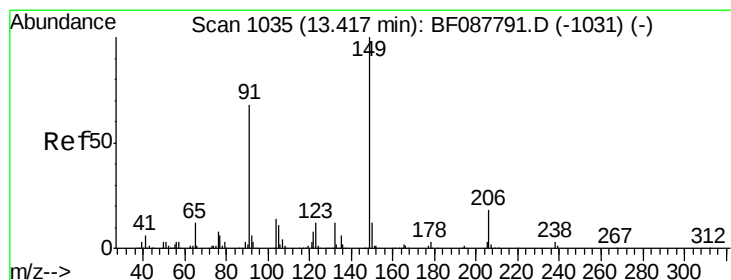
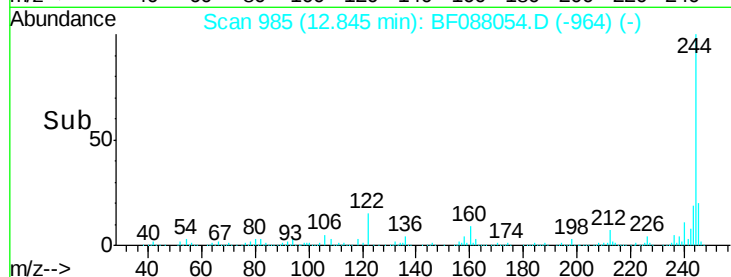
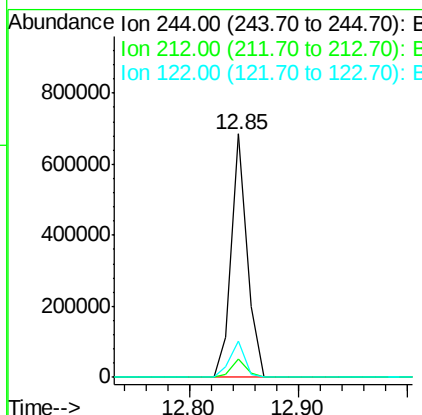
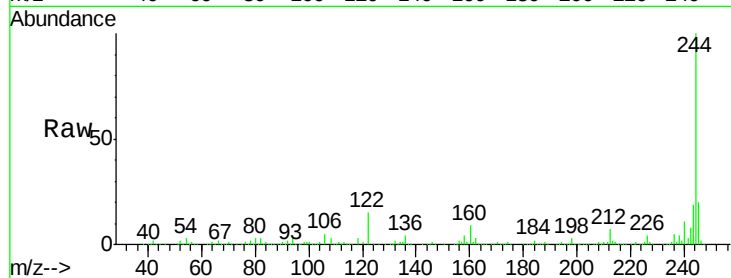




#78
 Terphenyl-d14
 Concen: 73.76 ng
 RT: 12.85 min Scan# 985
 Delta R.T. -0.06 min
 Lab File: BF088054.D
 Acq: 16 Jun 2016 1:01

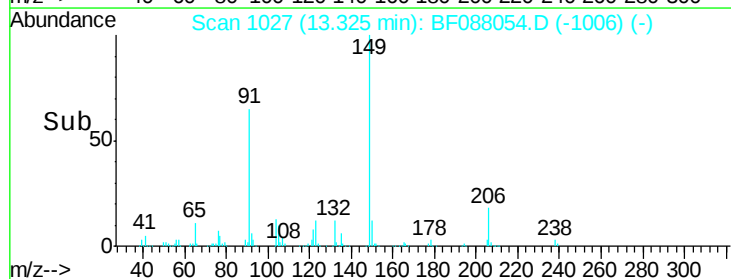
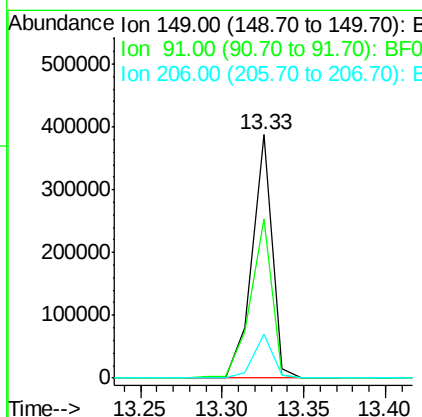
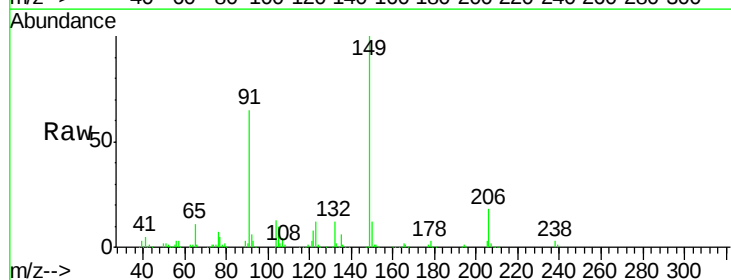
Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-52-060916MSD

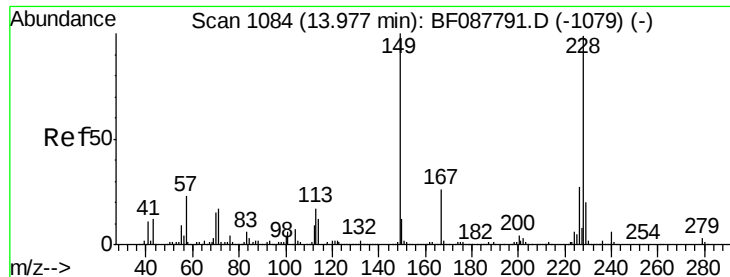
Tgt Ion:244 Resp: 689359
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.0 9.0
 122 14.8 11.2 16.8



#79
 Butylbenzylphthalate
 Concen: 47.50 ng
 RT: 13.33 min Scan# 1027
 Delta R.T. -0.06 min
 Lab File: BF088054.D
 Acq: 16 Jun 2016 1:01

Tgt Ion:149 Resp: 331431
 Ion Ratio Lower Upper
 149 100
 91 65.4 48.0 72.0
 206 18.2 16.0 24.0

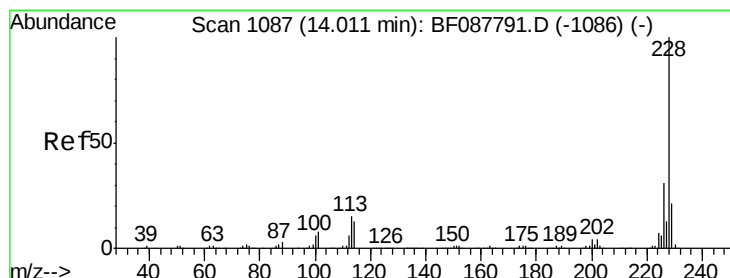
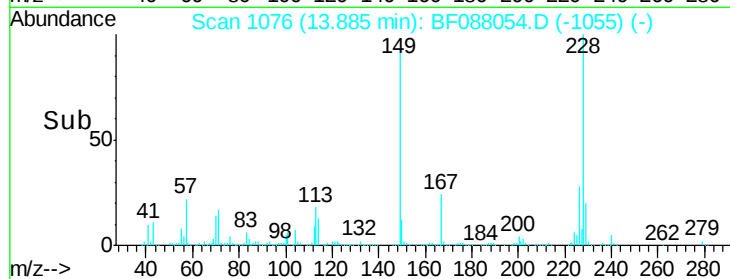
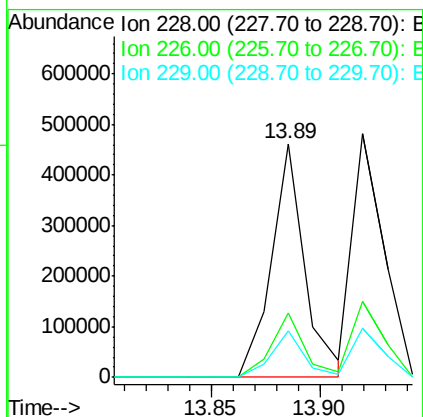
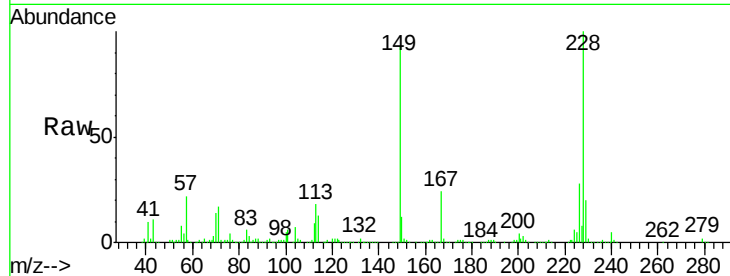




#80
Benzo(a)anthracene
Concen: 41.10 ng
RT: 13.89 min Scan# 1076
Delta R.T. -0.06 min
Lab File: BF088054.D
Acq: 16 Jun 2016 1:01

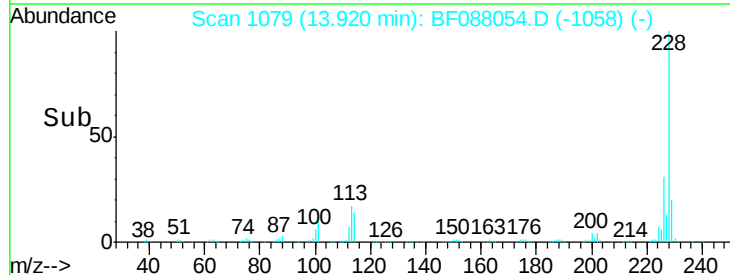
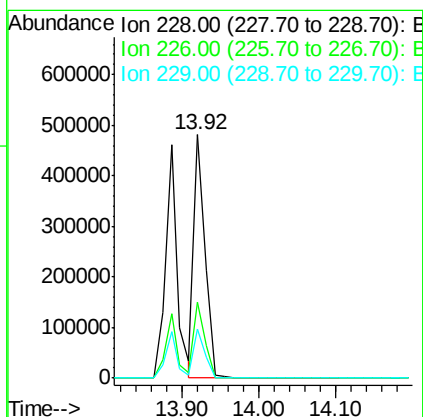
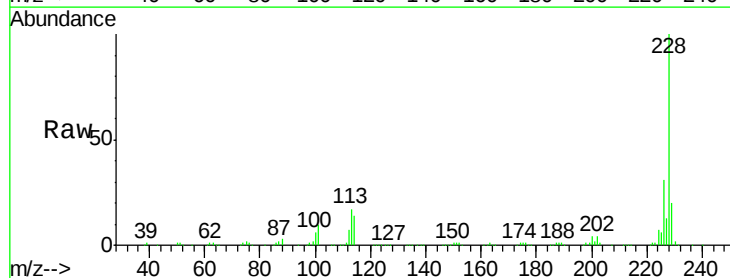
Instrument :
BNA_F
ClientSampleId :
HSR-WC-52-060916MSD

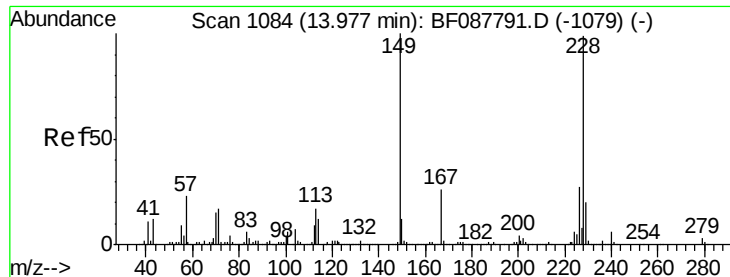
Tgt Ion:228 Resp: 498081
Ion Ratio Lower Upper
228 100
226 27.7 22.3 33.5
229 20.0 16.0 24.0



#82
Chrysene
Concen: 42.78 ng
RT: 13.92 min Scan# 1079
Delta R.T. -0.06 min
Lab File: BF088054.D
Acq: 16 Jun 2016 1:01

Tgt Ion:228 Resp: 487770
Ion Ratio Lower Upper
228 100
226 31.0 25.4 38.2
229 20.2 16.3 24.5





#83

Bis(2-ethylhexyl)phthalate

Concen: 43.85 ng

RT: 13.89 min Scan# 1076

Delta R.T. -0.06 min

Lab File: BF088054.D

Acq: 16 Jun 2016 1:01

Instrument :

BNA_F

ClientSampleId :

HSR-WC-52-060916MSD

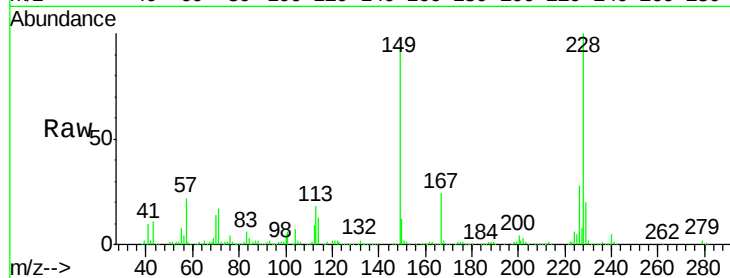
Tgt Ion:149 Resp: 372463

Ion Ratio Lower Upper

149 100

167 25.7 20.5 30.7

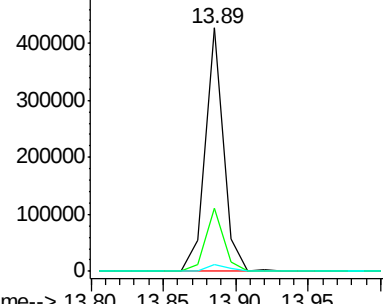
279 2.7 2.0 3.0



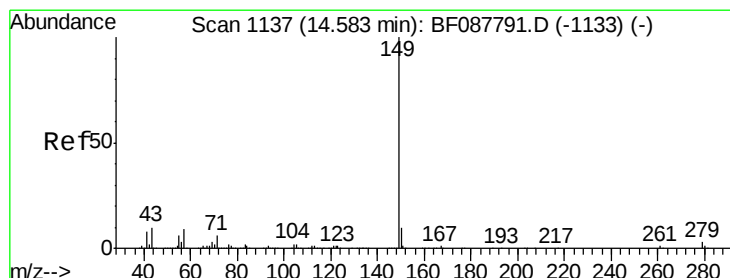
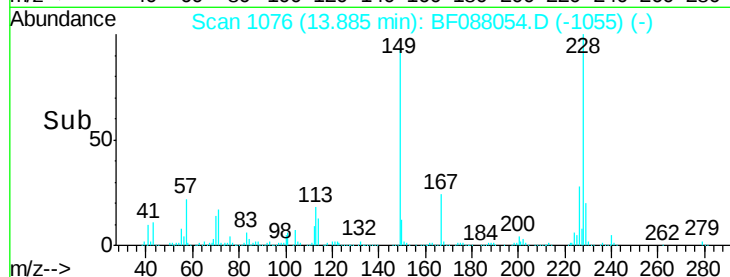
Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



Time--> 13.80 13.85 13.90 13.95



#84

Di-n-octyl phthalate

Concen: 52.47 ng

RT: 14.50 min Scan# 1130

Delta R.T. -0.05 min

Lab File: BF088054.D

Acq: 16 Jun 2016 1:01

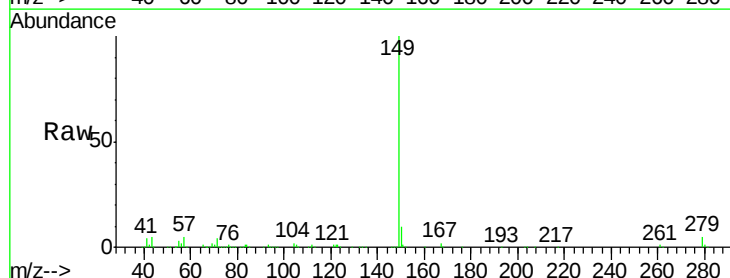
Tgt Ion:149 Resp: 724182

Ion Ratio Lower Upper

149 100

167 1.6 0.0 0.0#

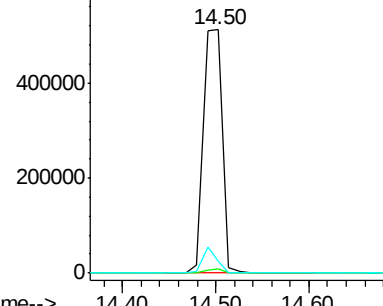
43 8.0 0.0 0.0#



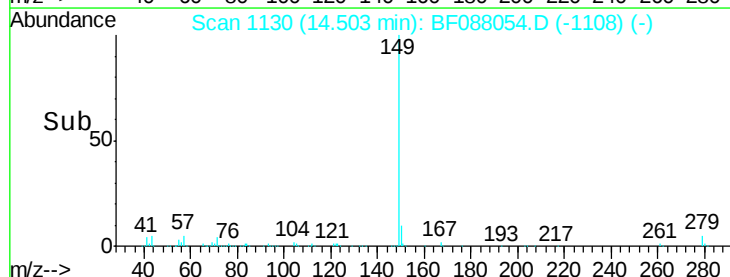
Abundance Ion 149.00 (148.70 to 149.70): E

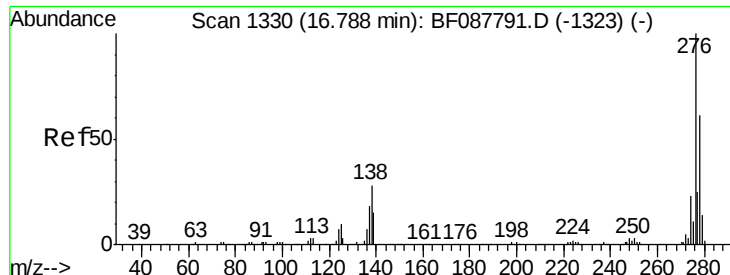
Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0



Time--> 14.40 14.50 14.60

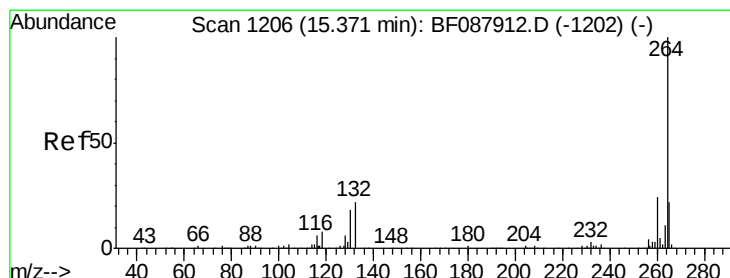
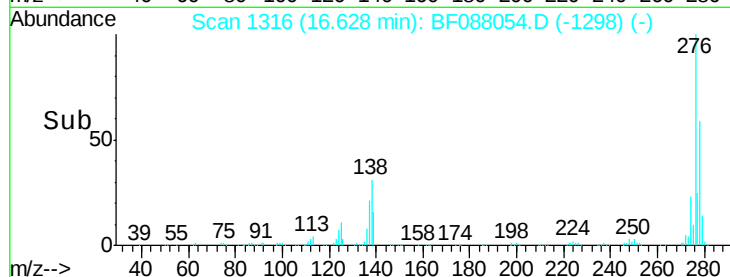
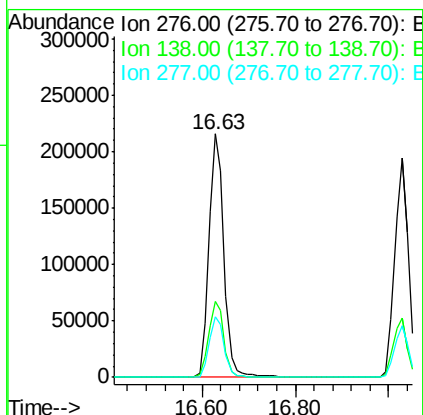
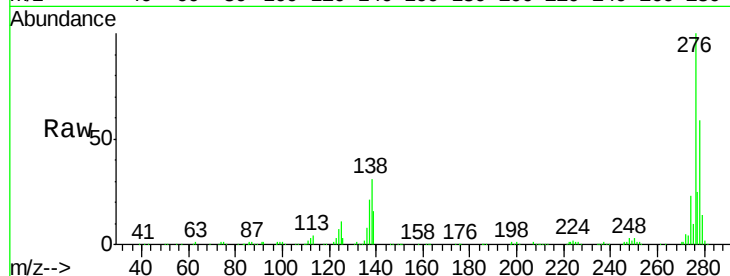




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 46.14 ng
 RT: 16.63 min Scan# 1316
 Delta R.T. -0.09 min
 Lab File: BF088054.D
 Acq: 16 Jun 2016 1:01

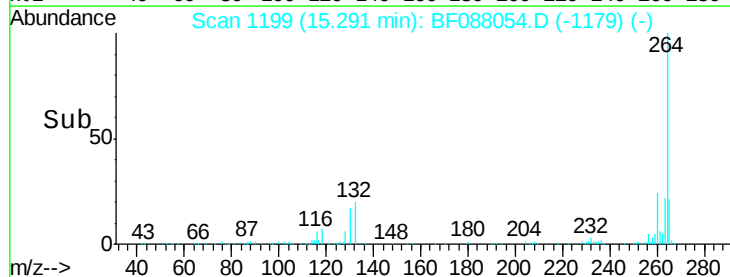
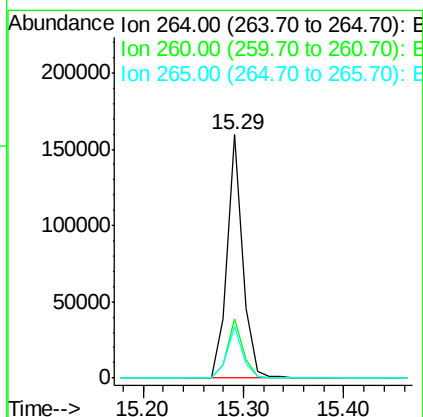
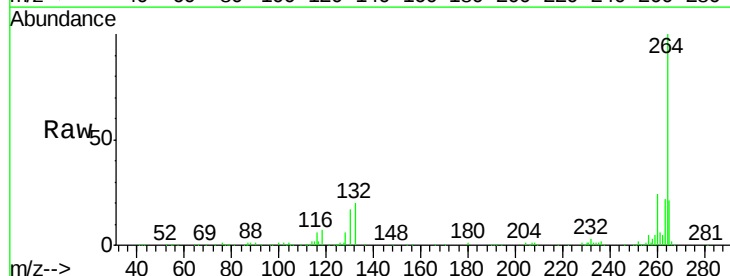
Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-52-060916MSD

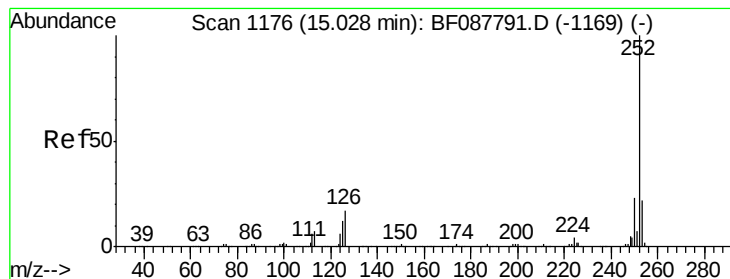
Tgt Ion	Ratio	Lower	Upper
276	100		
138	31.8	0.0	0.0#
277	25.2	0.0	0.0#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.29 min Scan# 1199
 Delta R.T. -0.07 min
 Lab File: BF088054.D
 Acq: 16 Jun 2016 1:01

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.2	28.8
265	21.3	16.9	25.3





#87

Benzo(b)fluoranthene

Concen: 89.90 ng

RT: 14.90 min Scan# 1165

Delta R.T. -0.06 min

Lab File: BF088054.D

Acq: 16 Jun 2016 1:01

Instrument :

BNA_F

ClientSampleId :

HSR-WC-52-060916MSD

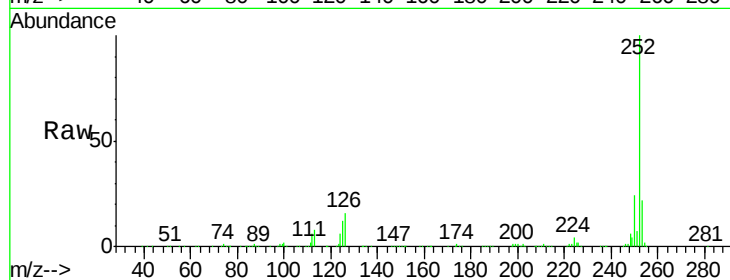
Tgt Ion:252 Resp: 1084614

Ion Ratio Lower Upper

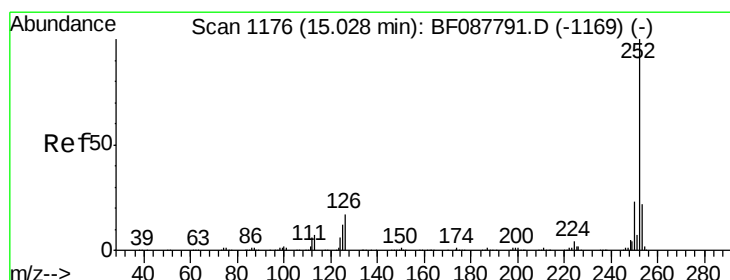
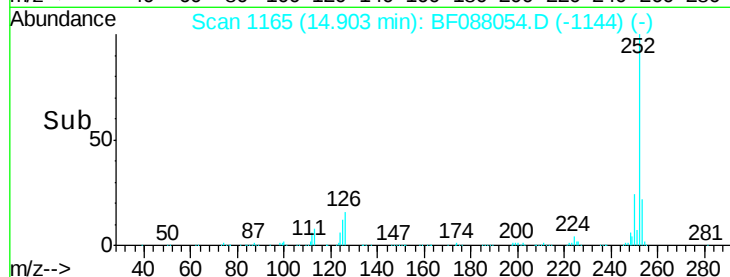
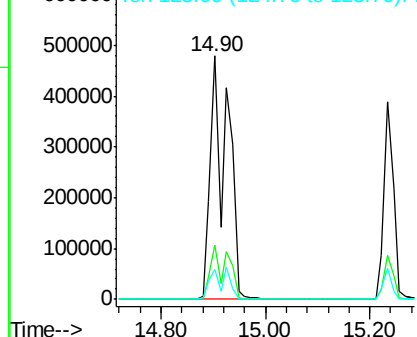
252 100

253 22.2 17.4 26.2

125 12.2 7.1 10.7#



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



#88

Benzo(k)fluoranthene

Concen: 119.20 ng

RT: 14.90 min Scan# 1165

Delta R.T. -0.08 min

Lab File: BF088054.D

Acq: 16 Jun 2016 1:01

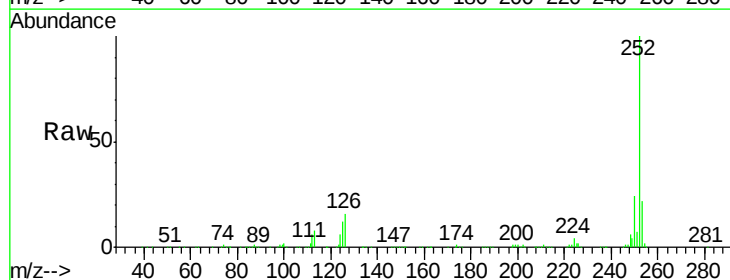
Tgt Ion:252 Resp: 1084784

Ion Ratio Lower Upper

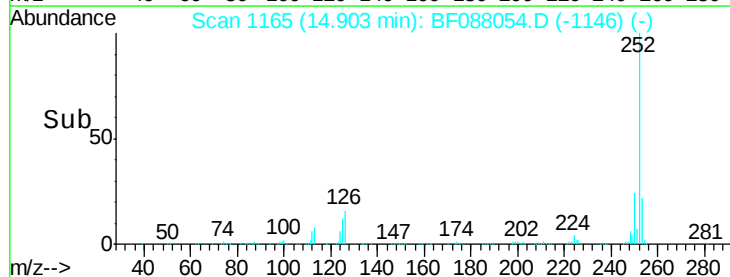
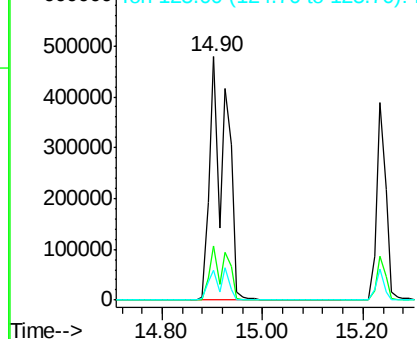
252 100

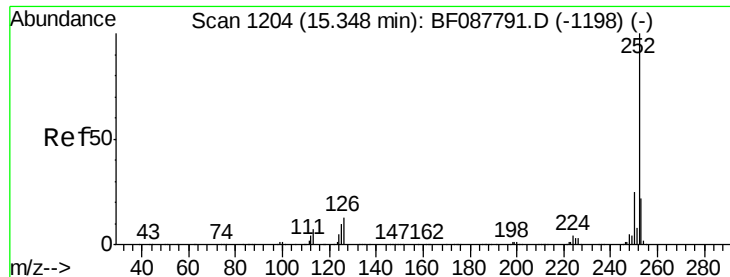
253 22.2 18.0 27.0

125 12.2 11.2 16.8



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





#89

Benzo(a)pyrene

Concen: 51.21 ng

RT: 15.23 min Scan# 1194

Delta R.T. -0.07 min

Lab File: BF088054.D

Acq: 16 Jun 2016 1:01

Instrument :

BNA_F

ClientSampleId :

HSR-WC-52-060916MSD

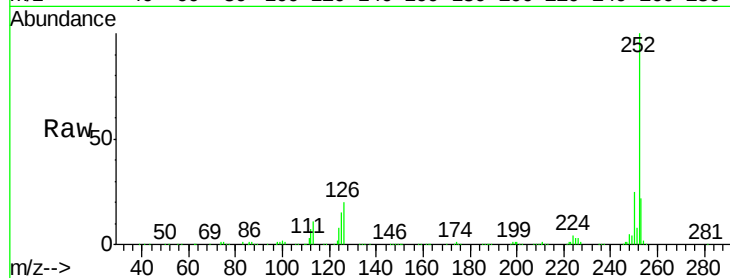
Tgt Ion:252 Resp: 499832

Ion Ratio Lower Upper

252 100

253 22.3 17.9 26.9

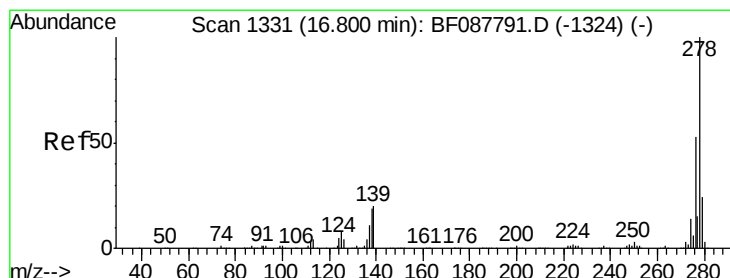
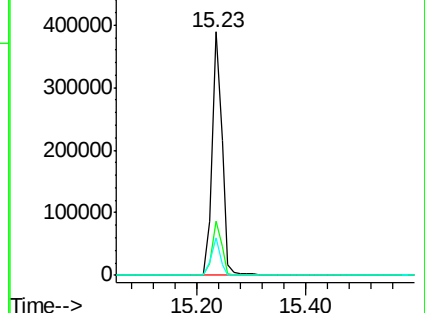
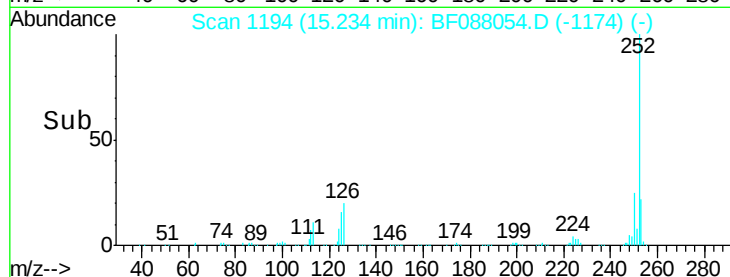
125 15.5 12.5 18.7



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 47.86 ng

RT: 16.64 min Scan# 1317

Delta R.T. -0.09 min

Lab File: BF088054.D

Acq: 16 Jun 2016 1:01

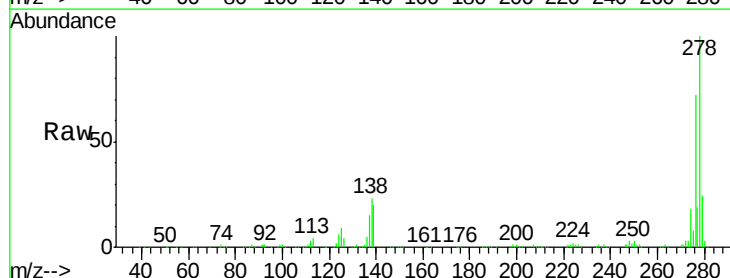
Tgt Ion:278 Resp: 433845

Ion Ratio Lower Upper

278 100

139 20.1 15.7 23.5

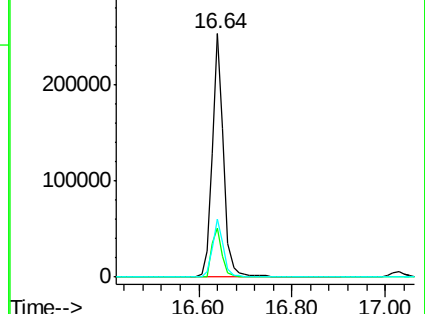
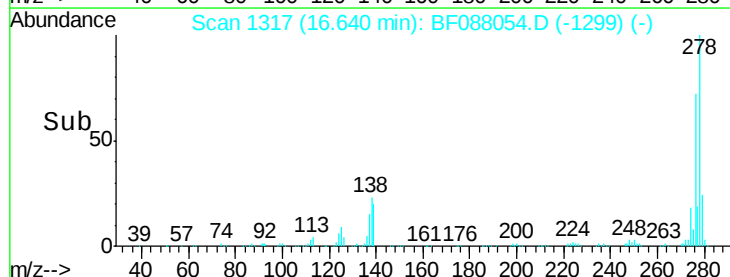
279 23.7 19.4 29.2

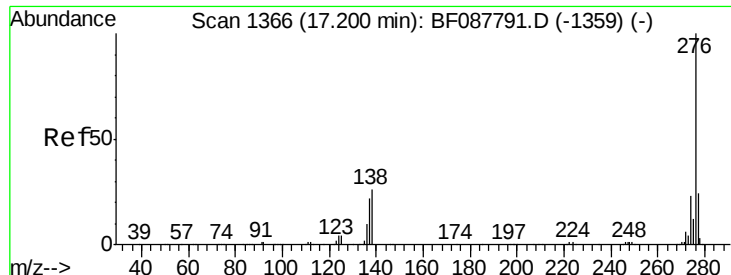


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E

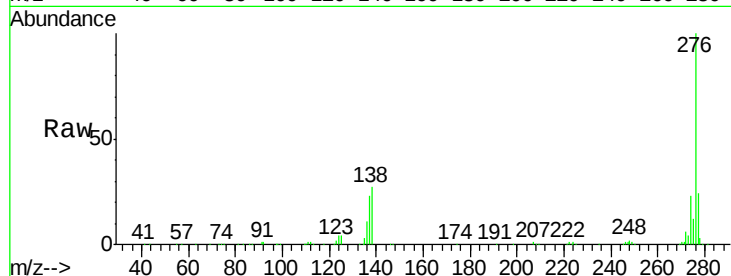




#91
 Benzo(g,h,i)perylene
 Concen: 43.39 ng
 RT: 17.03 min Scan# 1351
 Delta R.T. -0.10 min
 Lab File: BF088054.D
 Acq: 16 Jun 2016 1:01

Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-52-060916MSD

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.6	18.9	28.3
138	27.1	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

