

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012617\
 Data File : BF092540.D
 Acq On : 26 Jan 2017 22:20
 Operator : SJ/MA
 Sample : I1448-09MSD
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CHA-WCS-012317-1(0-70)MSD

Quant Time: Jan 27 00:13:53 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 24 13:48:07 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	156546	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	656650	20.00	ng	-0.01
38) Acenaphthene-d10	10.03	164	310134	20.00	ng	0.00
63) Phenanthrene-d10	11.52	188	590981	20.00	ng	-0.01
75) Chrysene-d12	14.16	240	404072	20.00	ng	-0.01
86) Perylene-d12	15.63	264	15418	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	1302979	129.50	ng	0.03
7) Phenol-d6	6.60	99	1517342	118.39	ng	0.01
23) Nitrobenzene-d5	7.54	82	1095894	91.16	ng	0.00
41) 2,4,6-Tribromophenol	10.82	330	366493	173.41	ng	0.00
44) 2-Fluorobiphenyl	9.34	172	1820625	108.55	ng	-0.01
78) Terphenyl-d14	13.11	244	1569450	103.43	ng	-0.01

Target Compounds						Qvalue
2) 1,4-Dioxane	2.83	88	179808	33.60	ng	# 71
4) n-Nitrosodimethylamine	3.47	42	248443	33.24	ng	# 87
8) 2-Chlorophenol	6.75	128	440354	41.67	ng	90
9) Benzaldehyde	6.51	77	250992	27.60	ng	88
10) Phenol	6.61	94	619210	40.03	ng	# 66
11) bis(2-Chloroethyl)ether	6.70	93	493948	42.68	ng	95
12) 1,3-Dichlorobenzene	6.99	146	499349	39.95	ng	97
13) 1,4-Dichlorobenzene	6.99	146	499349	39.69	ng	93
14) 1,2-Dichlorobenzene	7.14	146	442576	37.08	ng	99
15) Benzyl Alcohol	7.10	79	110213	11.41	ng	95
16) 2,2'-oxybis(1-Chloropropan	7.25	45	884773	38.64	ng	93
17) 2-Methylphenol	7.22	107	374792	41.50	ng	96
18) Hexachloroethane	7.48	117	165559	38.20	ng	91
19) n-Nitroso-di-n-propylamine	7.39	70	375463	43.02	ng	96
20) 3+4-Methylphenols	7.38	107	458989	41.89	ng	90
22) Acetophenone	7.38	105	667974	42.71	ng	# 88
24) Nitrobenzene	7.55	77	507927	40.33	ng	100
25) Isophorone	7.80	82	1028001	43.40	ng	98
26) 2-Nitrophenol	7.87	139	254295	48.19	ng	93
27) 2,4-Dimethylphenol	7.92	122	449955	41.00	ng	94
28) bis(2-Chloroethoxy)methane	8.01	93	231609	14.90	ng	# 97
29) 2,4-Dichlorophenol	8.12	162	446695	46.94	ng	97
30) 1,2,4-Trichlorobenzene	8.20	180	412439	40.10	ng	96
31) Naphthalene	8.28	128	1329432	39.56	ng	99
32) Benzoic acid	8.03	122	381075	46.60	ng	94
34) Hexachlorobutadiene	8.41	225	223050	39.65	ng	98
35) Caprolactam	8.70	113	39844	12.54	ng	# 29
36) 4-Chloro-3-methylphenol	8.82	107	479160	46.70	ng	91
37) 2-Methylnaphthalene	8.98	142	899856	42.29	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.15	216	422842	54.05	ng	99
40) Hexachlorocyclopentadiene	9.14	237	406757	103.82	ng	98
42) 2,4,6-Trichlorophenol	9.26	196	350787	58.53	ng	94
43) 2,4,5-Trichlorophenol	9.30	196	309439	56.42	ng	92
45) 1,1'-Biphenyl	9.45	154	1129377	50.38	ng	97

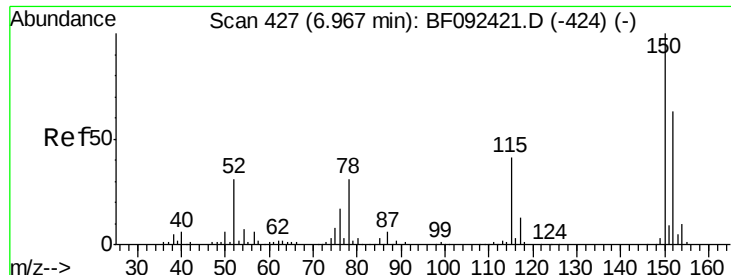
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012617\
 Data File : BF092540.D
 Acq On : 26 Jan 2017 22:20
 Operator : SJ/MA
 Sample : I1448-09MSD
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CHA-WCS-012317-1(0-70)MSD

Quant Time: Jan 27 00:13:53 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 24 13:48:07 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 2-Chloronaphthalene	9.47	162	880344	48.08	ng	95
47) 2-Nitroaniline	9.56	65	129937	21.07	ng	89
48) Acenaphthylene	9.89	152	861093	32.06	ng	98
49) Dimethylphthalate	9.76	163	1212048	61.46	ng	100
50) 2,6-Dinitrotoluene	9.81	165	285386	70.80	ng	95
51) Acenaphthene	10.06	154	908102	54.42	ng	97
52) 3-Nitroaniline	9.97	138	28116	5.57	ng	93
53) 2,4-Dinitrophenol	10.09	184	276563	93.27	ng	# 69
54) Dibenzofuran	10.24	168	1220336	53.85	ng	97
55) 4-Nitrophenol	10.14	139	419533	104.64	ng	93
56) 2,4-Dinitrotoluene	10.21	165	316825	59.21	ng	92
57) Fluorene	10.58	166	915874	54.51	ng	97
58) 2,3,4,6-Tetrachlorophenol	10.35	232	245622	59.78	ng	100
59) Diethylphthalate	10.45	149	1057635	55.93	ng	98
60) 4-Chlorophenyl-phenylether	10.57	204	429575	52.71	ng	95
61) 4-Nitroaniline	10.59	138	74337	14.72	ng	91
62) Azobenzene	10.73	77	815280	37.88	ng	96
64) 4,6-Dinitro-2-methylphenol	10.62	198	215324	65.59	ng	87
65) n-Nitrosodiphenylamine	10.69	169	78512	4.25	ng	98
66) 4-Bromophenyl-phenylether	11.06	248	265675	44.52	ng	94
67) Hexachlorobenzene	11.13	284	278289	46.14	ng	# 92
68) Atrazine	11.32	200	73581	11.65	ng	# 36
69) Pentachlorophenol	11.32	266	352725	91.47	ng	98
70) Phenanthrene	11.54	178	1412368	43.40	ng	99
71) Anthracene	11.60	178	1429922	44.96	ng	99
72) Carbazole	11.74	167	91454	3.01	ng	96
73) Di-n-butylphthalate	12.08	149	1646817	47.42	ng	98
74) Fluoranthene	12.73	202	1347681	42.34	ng	98
77) Pyrene	12.96	202	871654	29.77	ng	100
79) Butylbenzylphthalate	13.57	149	365023	30.77	ng	98
80) Benzo(a)anthracene	14.15	228	1004028	46.23	ng	99
82) Chrysene	14.19	228	1174943	50.66	ng	99
83) Bis(2-ethylhexyl)phthalate	14.13	149	957378	64.09	ng	100
84) Di-n-octyl phthalate	14.75	149	1677663	61.87	ng	98
85) Indeno(1,2,3-cd)pyrene	17.12	276	369053	21.51	ng	# 72
87) Benzo(b)fluoranthene	15.21	252	1565550	1581.68	ng	# 96
88) Benzo(k)fluoranthene	15.21	252	1565550	1902.14	ng	97
89) Benzo(a)pyrene	15.57	252	351286	419.53	ng	98
90) Dibenzo(a,h)anthracene	17.14	278	625689	924.08	ng	97
91) Benzo(g,h,i)perylene	17.56	276	297160	433.97	ng	# 91

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.97 min Scan# 427

Delta R.T. 0.00 min

Lab File: BF092540.D

Acq: 26 Jan 2017 22:20

Instrument :

BNA_F

ClientSampleId :

CHA-WCS-012317-1(0-70)MSD

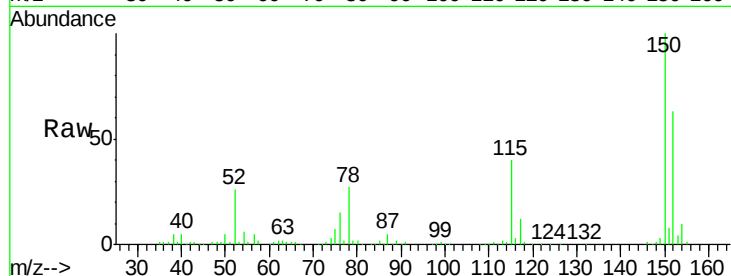
Tgt Ion:152 Resp: 156546

Ion Ratio Lower Upper

152 100

150 158.8 124.9 187.3

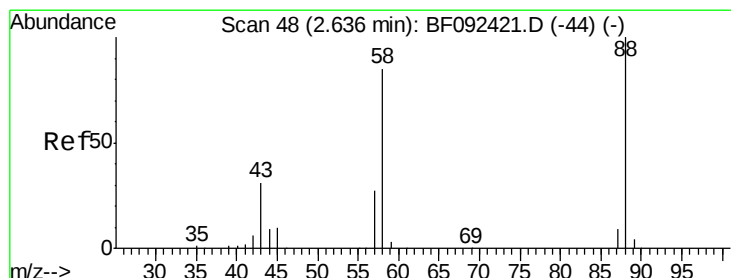
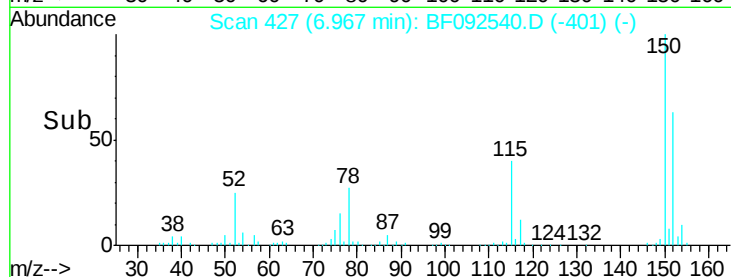
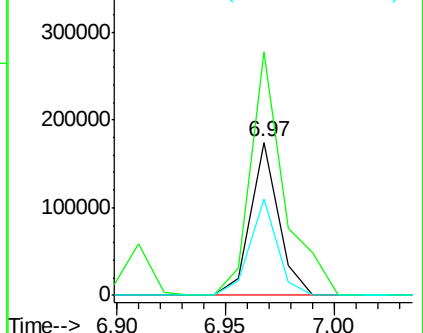
115 63.2 46.0 69.0



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: 33.60 ng

RT: 2.83 min Scan# 65

Delta R.T. 0.19 min

Lab File: BF092540.D

Acq: 26 Jan 2017 22:20

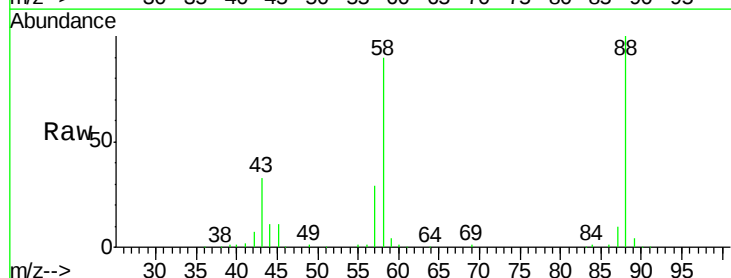
Tgt Ion: 88 Resp: 179808

Ion Ratio Lower Upper

88 100

58 88.7 57.8 86.8#

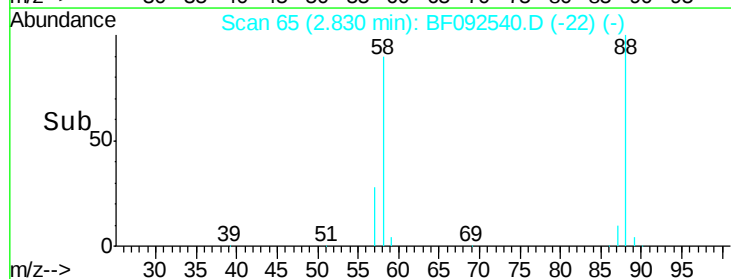
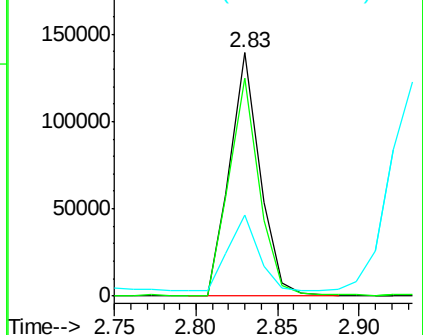
43 0.0 22.3 33.5#

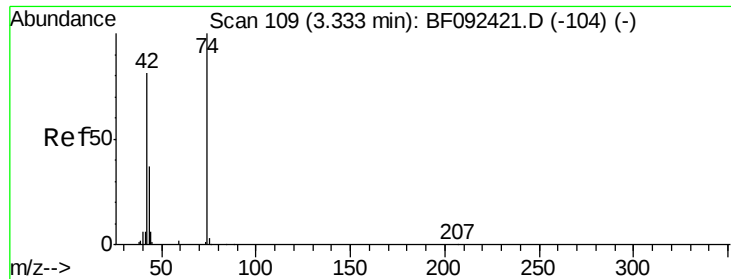


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#4

n-Nitrosodimethylamine

Concen: 33.24 ng

RT: 3.47 min Scan# 121

Delta R.T. 0.14 min

Lab File: BF092540.D

Acq: 26 Jan 2017 22:20

Instrument :

BNA_F

ClientSampleId :

CHA-WCS-012317-1(0-70)MSD

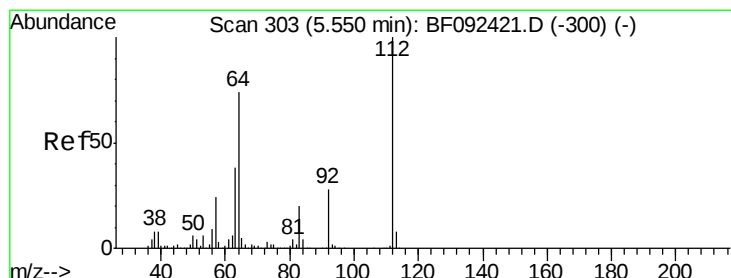
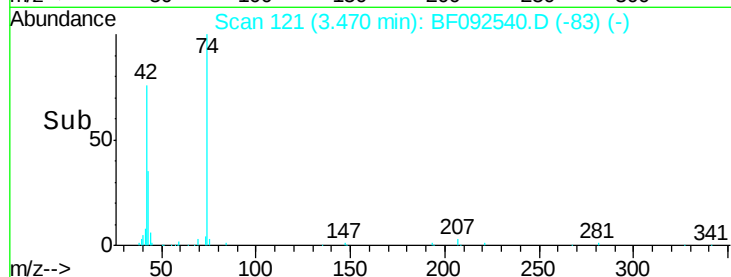
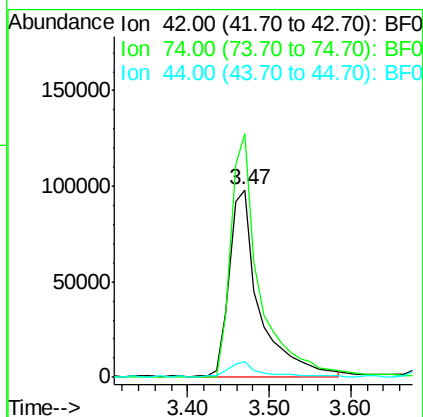
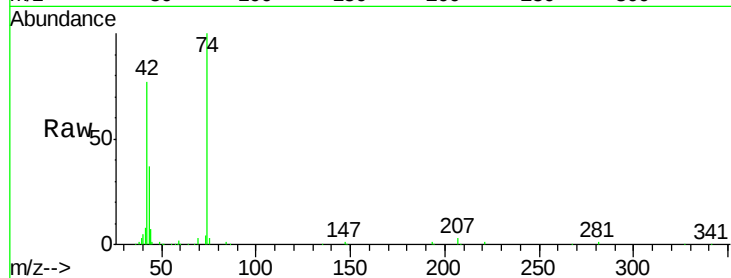
Tgt Ion: 42 Resp: 248443

Ion Ratio Lower Upper

42 100

74 129.9 117.0 175.4

44 8.5 5.5 8.3#



#5

2-Fluorophenol

Concen: 129.50 ng

RT: 5.58 min Scan# 306

Delta R.T. 0.03 min

Lab File: BF092540.D

Acq: 26 Jan 2017 22:20

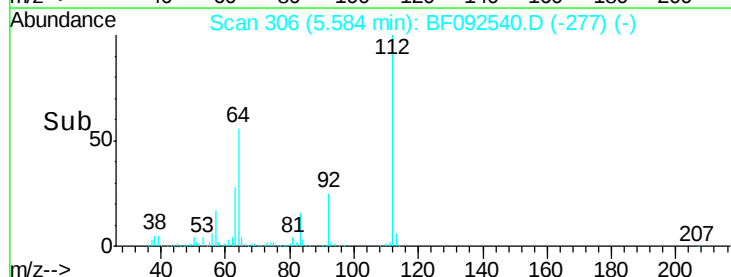
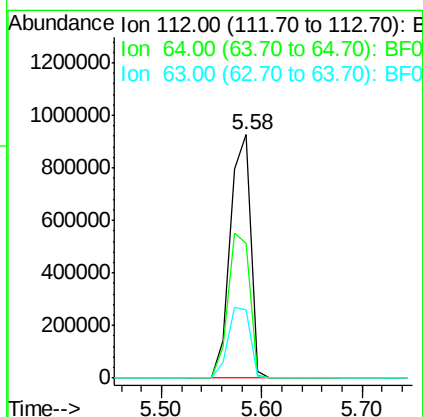
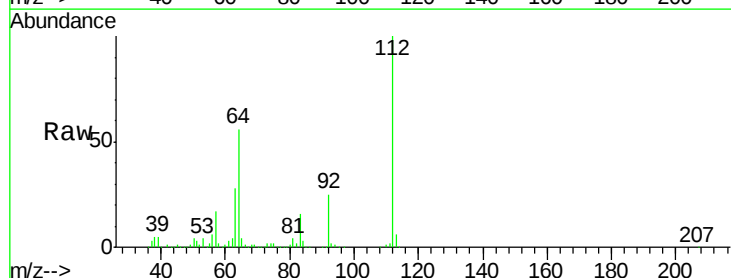
Tgt Ion: 112 Resp: 1302979

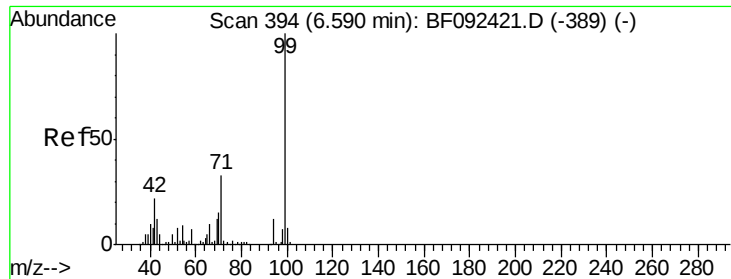
Ion Ratio Lower Upper

112 100

64 55.6 46.1 69.1

63 28.1 23.8 35.6





#7

Phenol-d6

Concen: 118.39 ng

RT: 6.60 min Scan# 395

Delta R.T. 0.01 min

Lab File: BF092540.D

Acq: 26 Jan 2017 22:20

Instrument :

BNA_F

ClientSampleId :

CHA-WCS-012317-1(0-70)MSD

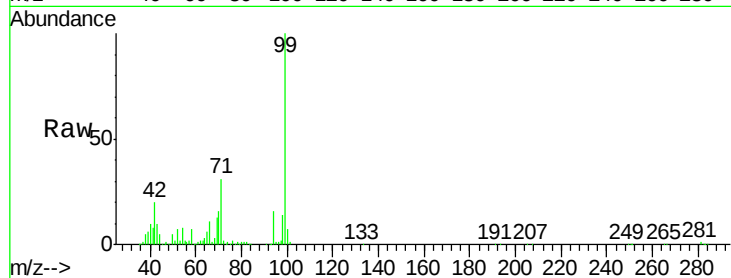
Tgt Ion: 99 Resp: 1517342

Ion Ratio Lower Upper

99 100

42 19.6 15.6 23.4

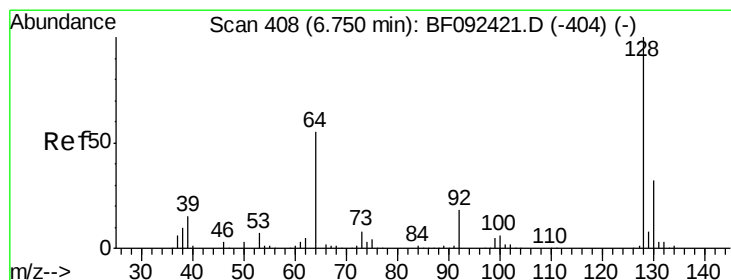
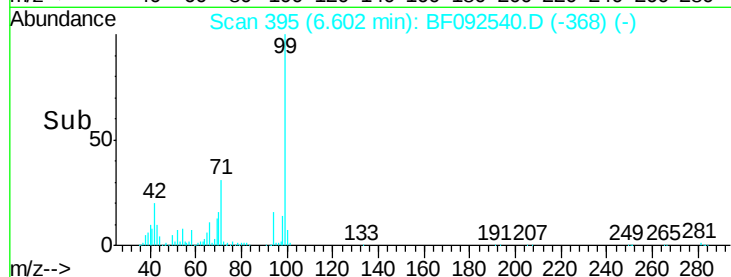
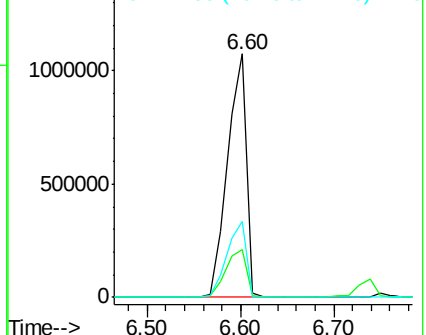
71 31.0 27.5 41.3



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: 41.67 ng

RT: 6.75 min Scan# 408

Delta R.T. 0.00 min

Lab File: BF092540.D

Acq: 26 Jan 2017 22:20

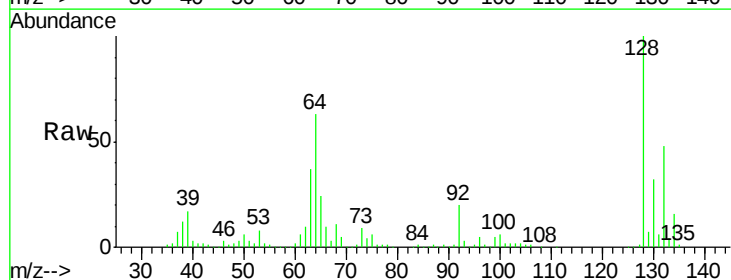
Tgt Ion: 128 Resp: 440354

Ion Ratio Lower Upper

128 100

130 32.1 12.3 52.3

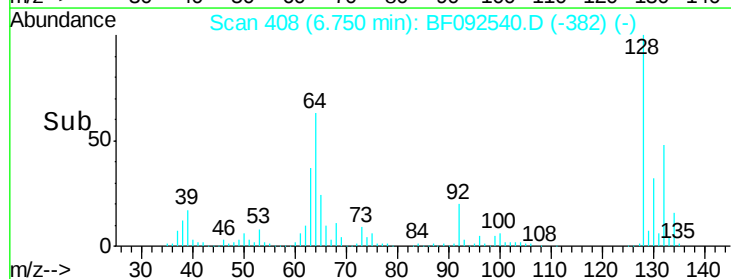
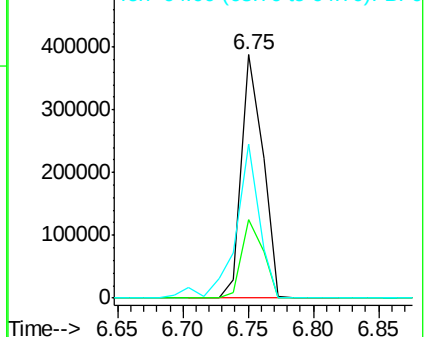
64 63.2 32.2 72.2

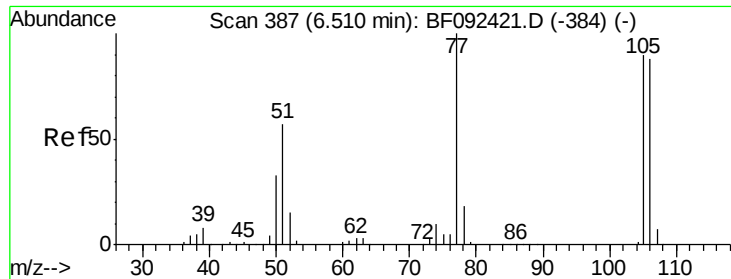


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0

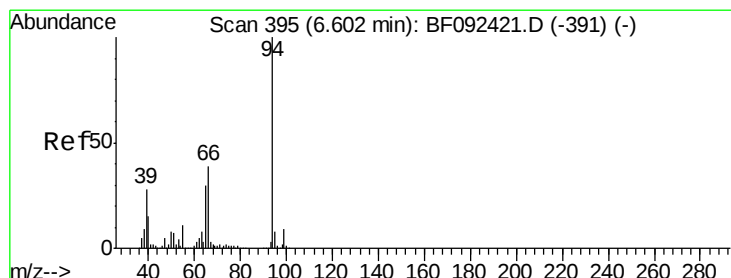
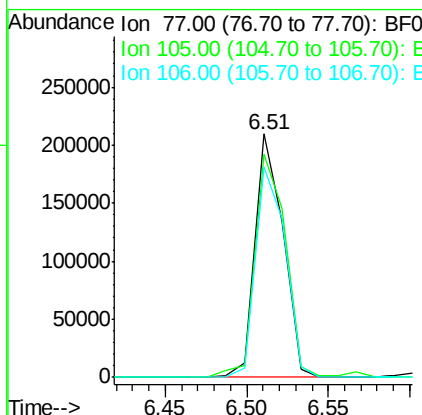
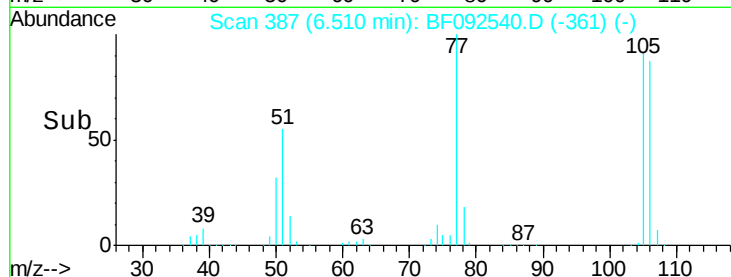
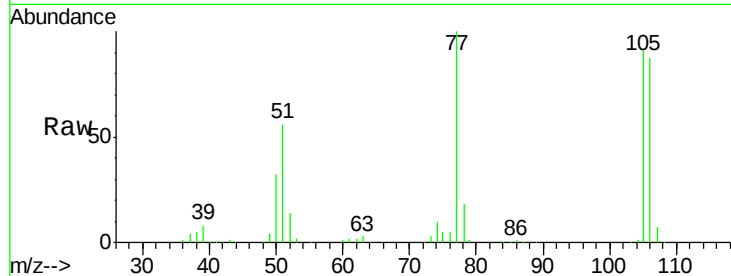




#9
Benzaldehyde
Concen: 27.60 ng
RT: 6.51 min Scan# 387
Delta R.T. 0.00 min
Lab File: BF092540.D
Acq: 26 Jan 2017 22:20

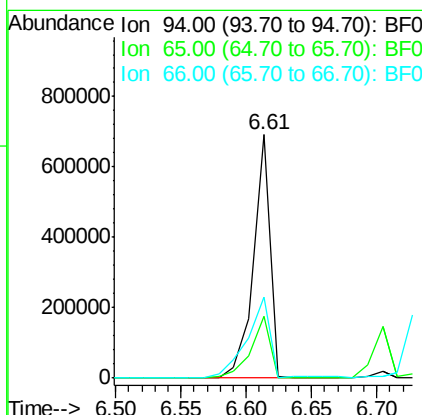
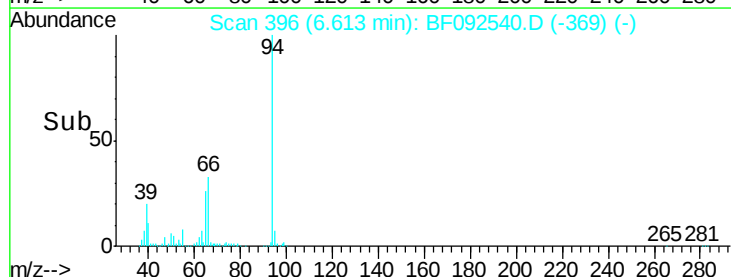
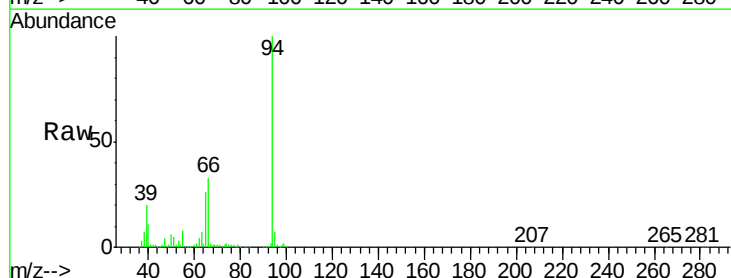
Instrument :
BNA_F
ClientSampleId :
CHA-WCS-012317-1(0-70)MSD

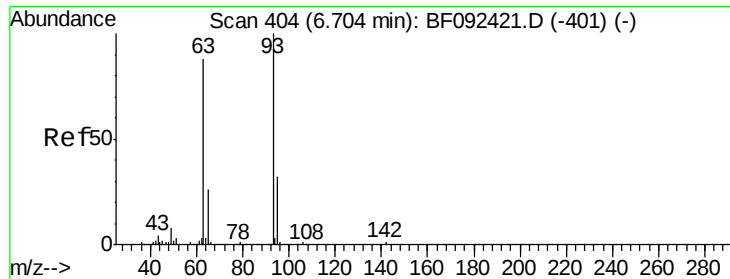
Tgt Ion: 77 Resp: 250992
Ion Ratio Lower Upper
77 100
105 91.5 83.9 123.9
106 86.6 77.6 117.6



#10
Phenol
Concen: 40.03 ng
RT: 6.61 min Scan# 396
Delta R.T. 0.01 min
Lab File: BF092540.D
Acq: 26 Jan 2017 22:20

Tgt Ion: 94 Resp: 619210
Ion Ratio Lower Upper
94 100
65 25.6 21.4 61.4
66 33.3 44.0 84.0#

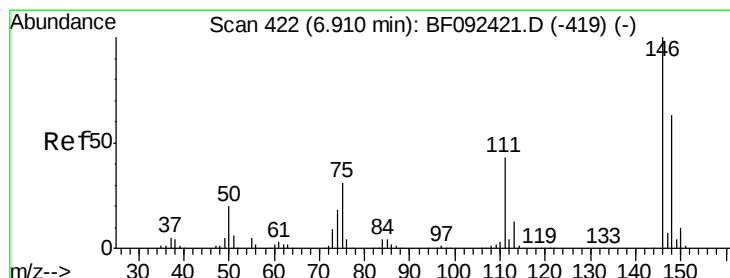
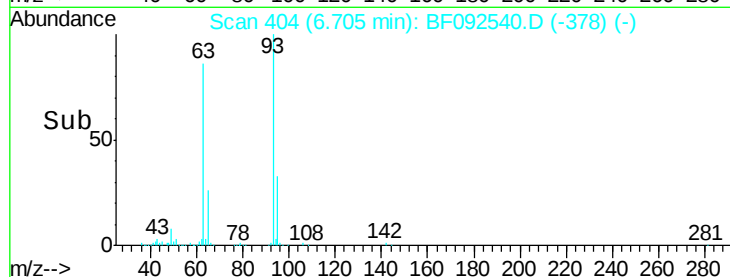
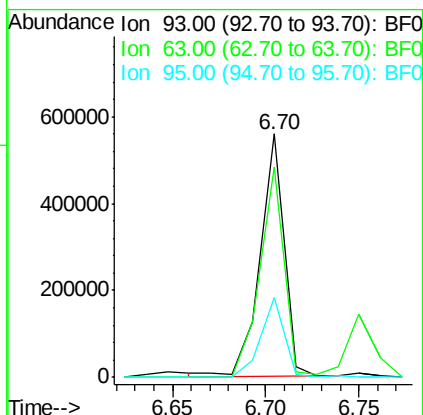
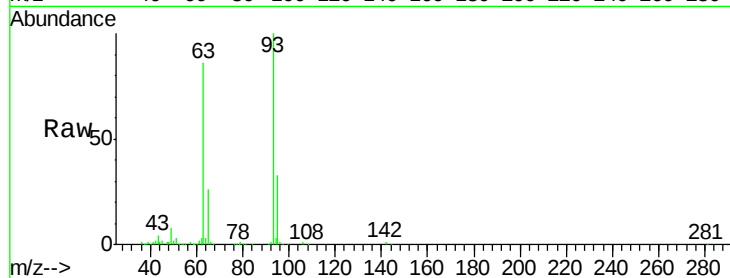




#11
bis(2-Chloroethyl)ether
Concen: 42.68 ng
RT: 6.70 min Scan# 404
Delta R.T. 0.00 min
Lab File: BF092540.D
Acq: 26 Jan 2017 22:20

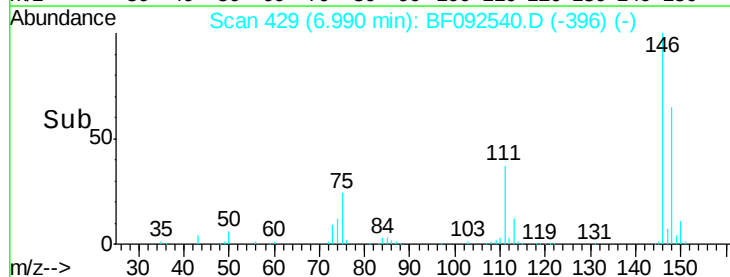
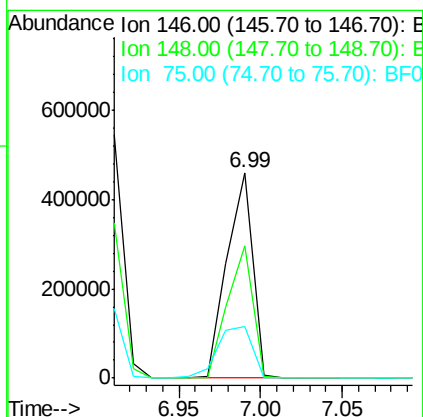
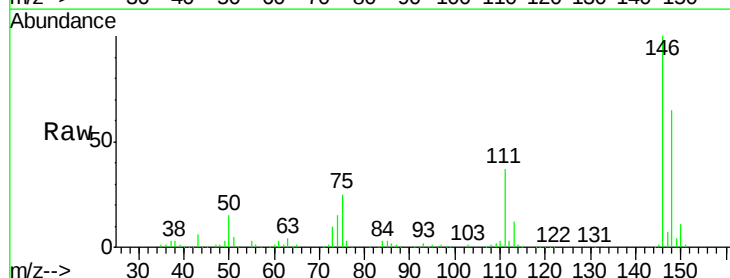
Instrument :
BNA_F
ClientSampleId :
CHA-WCS-012317-1(0-70)MSD

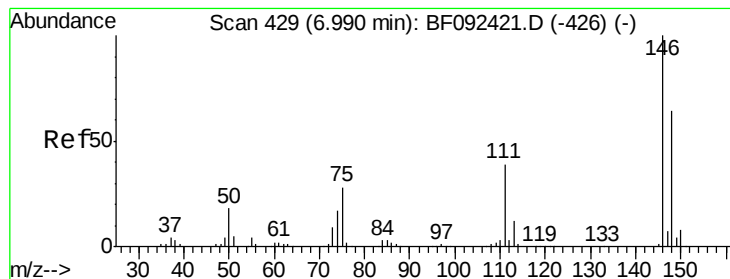
Tgt Ion: 93 Resp: 493948
Ion Ratio Lower Upper
93 100
63 86.2 60.4 100.4
95 32.8 12.8 52.8



#12
1,3-Dichlorobenzene
Concen: 39.95 ng
RT: 6.99 min Scan# 429
Delta R.T. 0.08 min
Lab File: BF092540.D
Acq: 26 Jan 2017 22:20

Tgt Ion: 146 Resp: 499349
Ion Ratio Lower Upper
146 100
148 64.8 53.4 80.0
75 25.1 18.5 27.7





#13

1,4-Dichlorobenzene

Concen: 39.69 ng

RT: 6.99 min Scan# 429

Delta R.T. 0.00 min

Lab File: BF092540.D

Acq: 26 Jan 2017 22:20

Instrument :

BNA_F

ClientSampleId :

CHA-WCS-012317-1(0-70)MSD

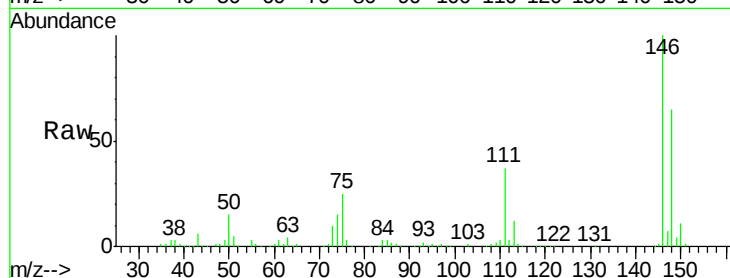
Tgt Ion:146 Resp: 499349

Ion Ratio Lower Upper

146 100

148 64.8 50.6 76.0

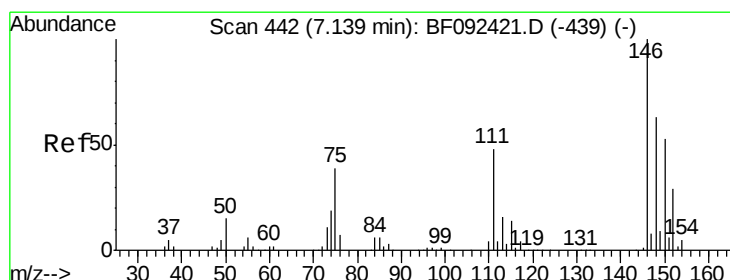
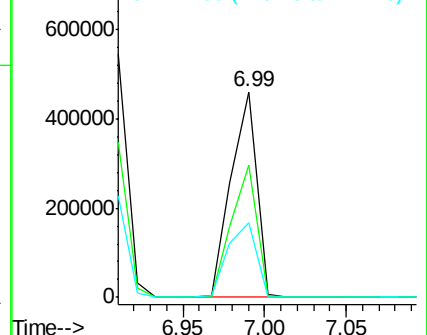
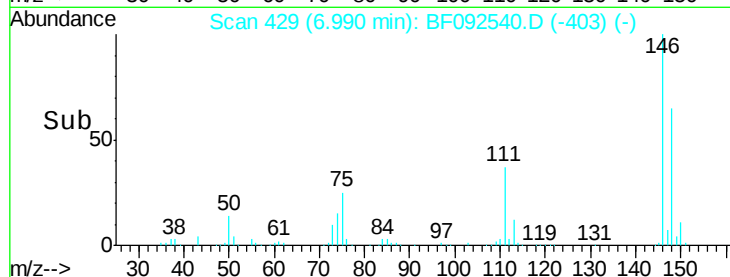
111 36.6 36.2 54.4



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 37.08 ng

RT: 7.14 min Scan# 442

Delta R.T. 0.00 min

Lab File: BF092540.D

Acq: 26 Jan 2017 22:20

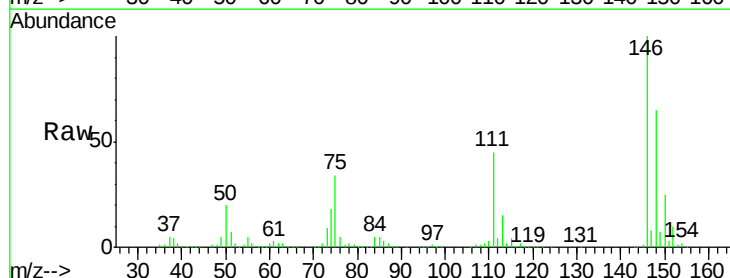
Tgt Ion:146 Resp: 442576

Ion Ratio Lower Upper

146 100

148 64.5 52.2 78.2

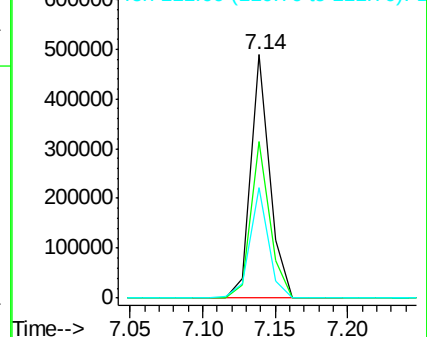
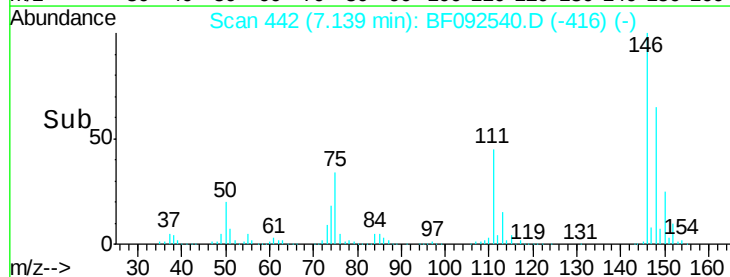
111 45.4 36.2 54.2

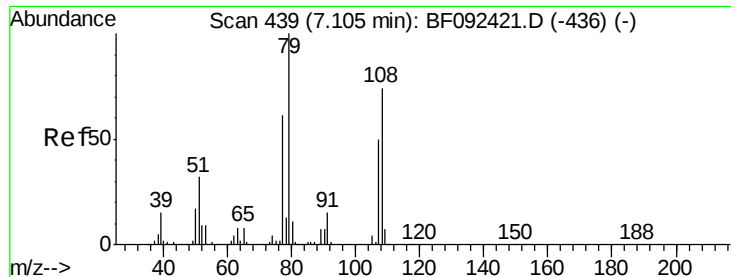


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 11.41 ng

RT: 7.10 min Scan# 439

Delta R.T. 0.00 min

Lab File: BF092540.D

Acq: 26 Jan 2017 22:20

Instrument :

BNA_F

ClientSampleId :

CHA-WCS-012317-1(0-70)MSD

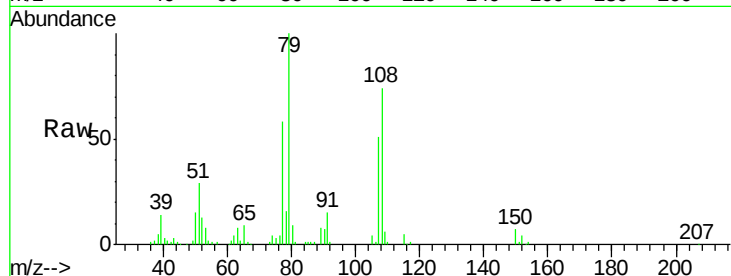
Tgt Ion: 79 Resp: 110213

Ion Ratio Lower Upper

79 100

108 73.7 61.4 92.0

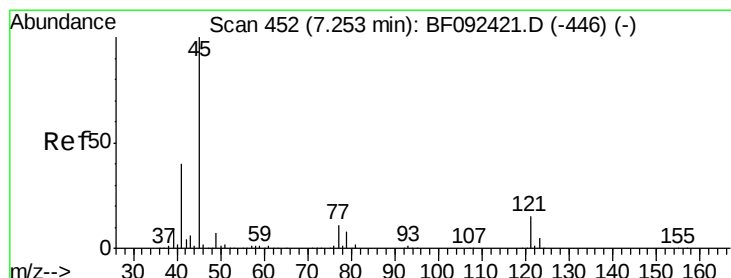
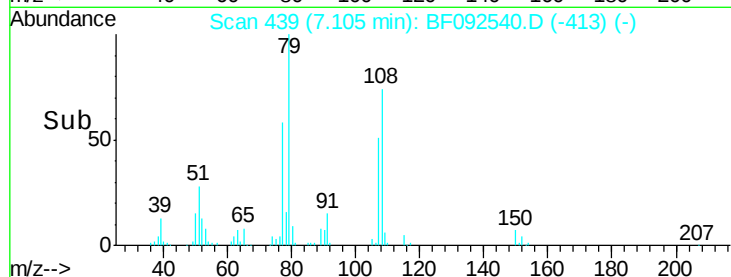
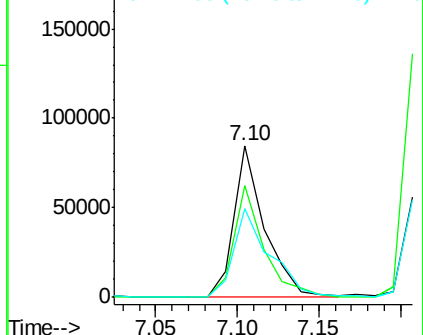
77 58.1 50.9 76.3



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 38.64 ng

RT: 7.25 min Scan# 452

Delta R.T. 0.00 min

Lab File: BF092540.D

Acq: 26 Jan 2017 22:20

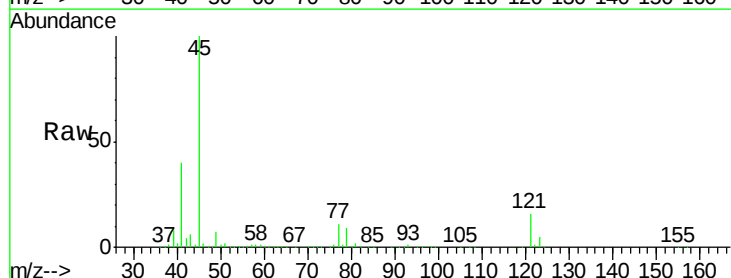
Tgt Ion: 45 Resp: 884773

Ion Ratio Lower Upper

45 100

77 11.1 0.0 34.6

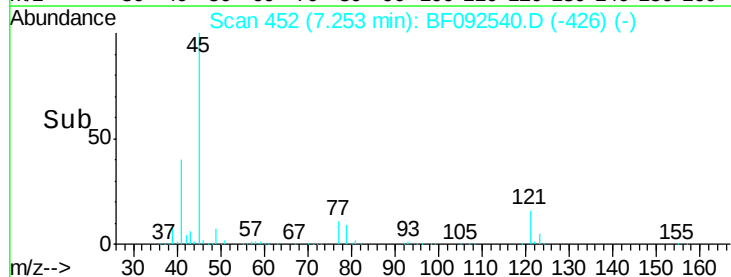
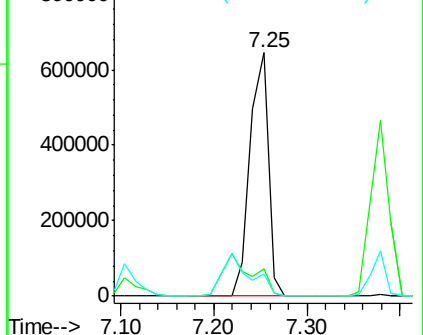
79 9.1 0.0 31.2

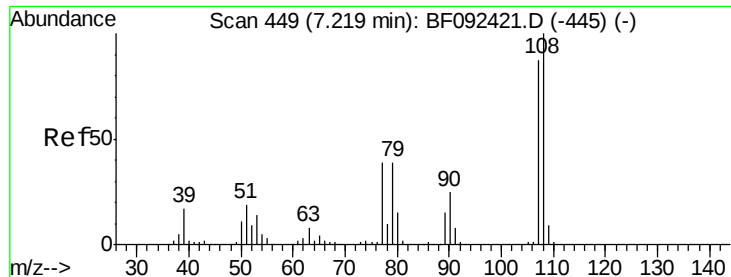


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

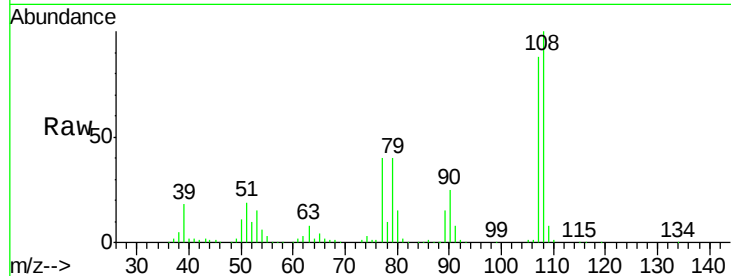




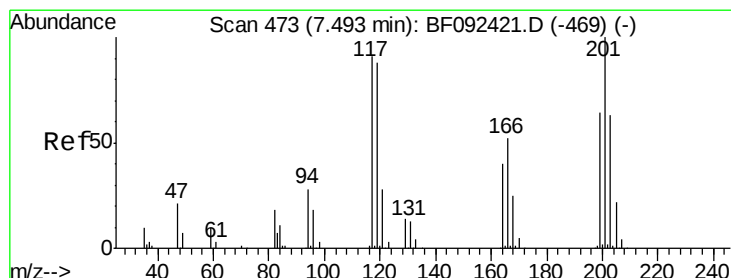
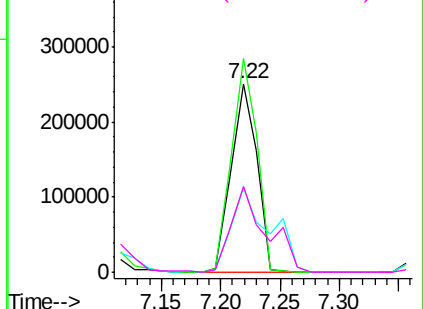
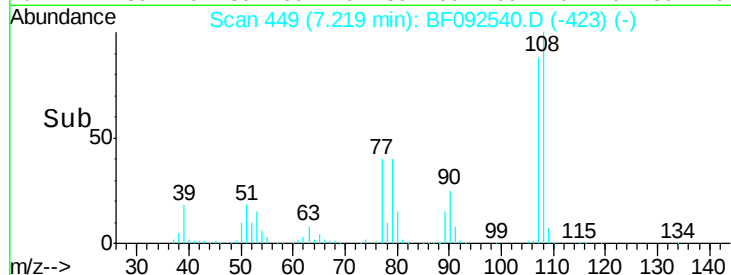
#17
2-Methylphenol
Concen: 41.50 ng
RT: 7.22 min Scan# 449
Delta R.T. 0.00 min
Lab File: BF092540.D
Acq: 26 Jan 2017 22:20

Instrument :
BNA_F
ClientSampleId :
CHA-WCS-012317-1(0-70)MSD

Tgt Ion:107 Resp: 374792
Ion Ratio Lower Upper
107 100
108 113.5 93.0 139.6
77 45.2 39.8 59.8
79 45.3 38.0 57.0

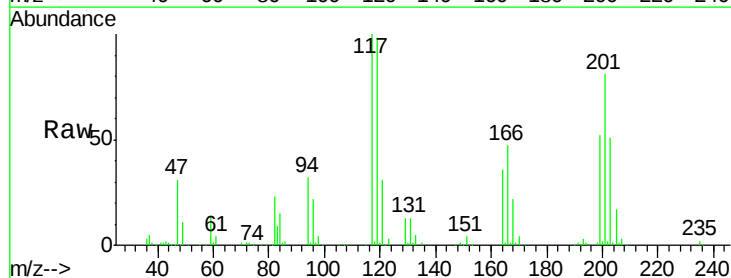


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

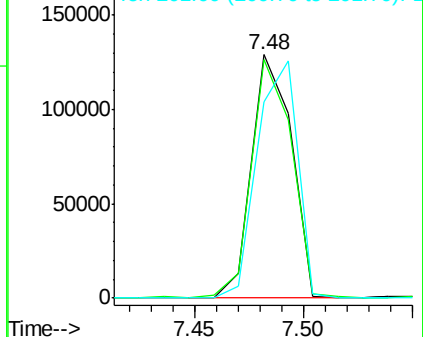
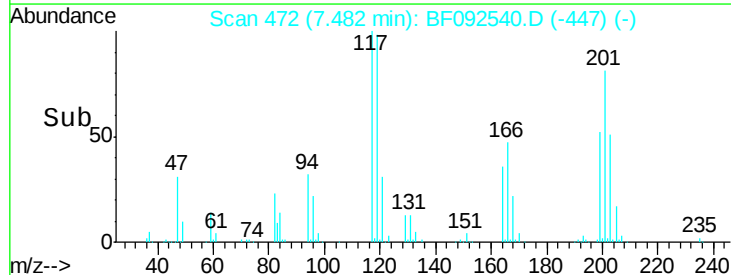


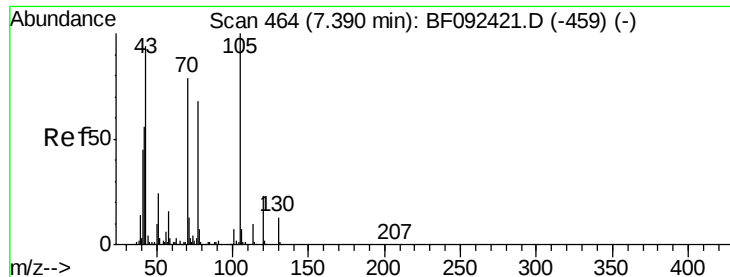
#18
Hexachloroethane
Concen: 38.20 ng
RT: 7.48 min Scan# 472
Delta R.T. -0.01 min
Lab File: BF092540.D
Acq: 26 Jan 2017 22:20

Tgt Ion:117 Resp: 165559
Ion Ratio Lower Upper
117 100
119 97.9 78.1 117.1
201 80.8 78.6 117.8



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

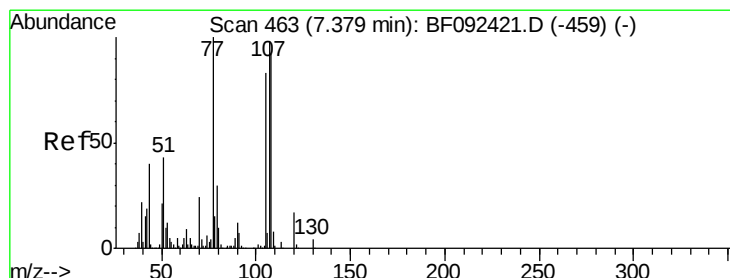
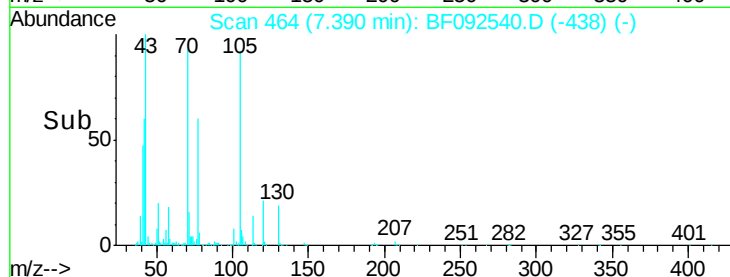
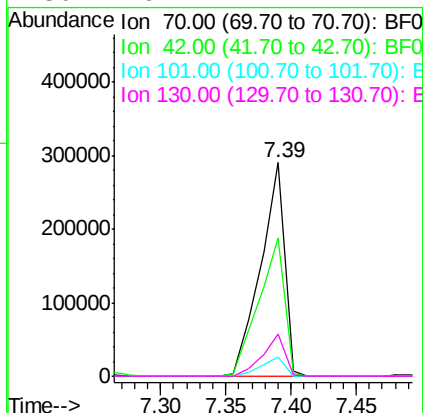
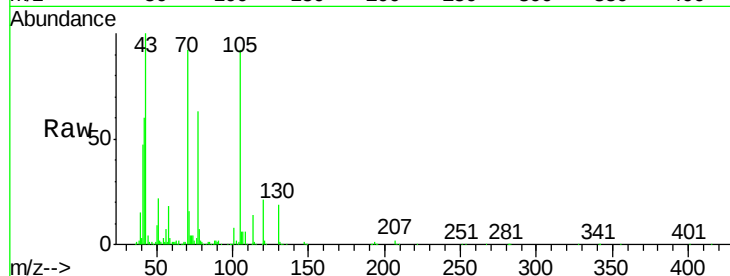




#19
n-Nitroso-di-n-propylamine
Concen: 43.02 ng
RT: 7.39 min Scan# 464
Delta R.T. 0.00 min
Lab File: BF092540.D
Acq: 26 Jan 2017 22:20

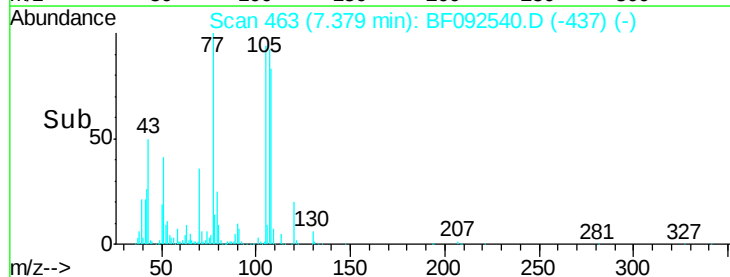
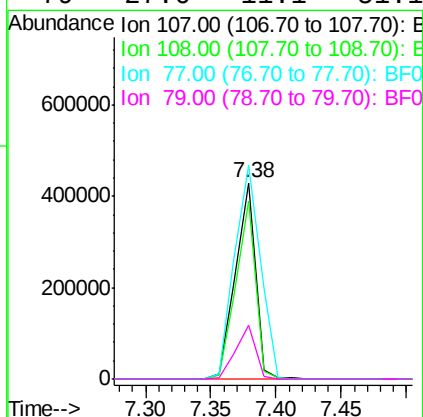
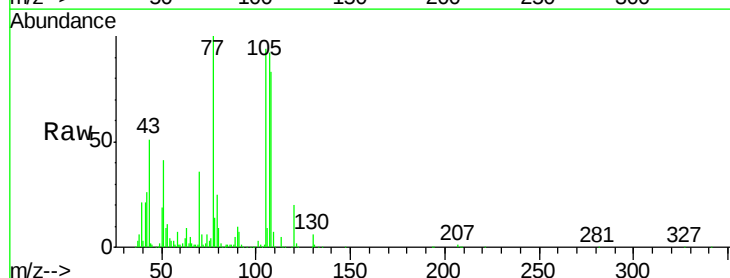
Instrument :
BNA_F
ClientSampleId :
CHA-WCS-012317-1(0-70)MSD

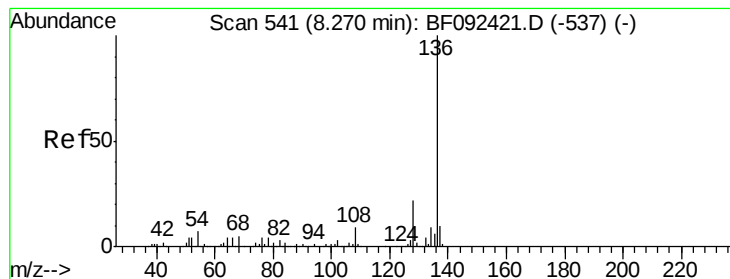
Tgt Ion: 70 Resp: 375463
Ion Ratio Lower Upper
70 100
42 64.8 49.4 74.0
101 9.1 7.4 11.2
130 20.1 14.2 21.4



#20
3+4-Methylphenols
Concen: 41.89 ng
RT: 7.38 min Scan# 463
Delta R.T. 0.00 min
Lab File: BF092540.D
Acq: 26 Jan 2017 22:20

Tgt Ion: 107 Resp: 458989
Ion Ratio Lower Upper
107 100
108 90.6 73.0 113.0
77 108.7 71.3 111.3
79 27.6 11.1 51.1





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.26 min Scan# 540

Delta R.T. -0.01 min

Lab File: BF092540.D

Acq: 26 Jan 2017 22:20

Instrument :

BNA_F

ClientSampleId :

CHA-WCS-012317-1(0-70)MSD

Tgt Ion:136 Resp: 656650

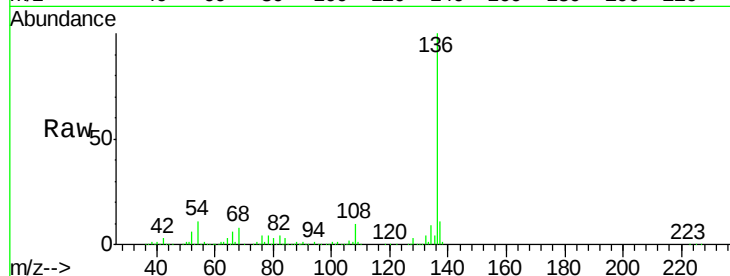
Ion Ratio Lower Upper

136 100

137 10.9 8.4 12.6

54 11.3 4.5 6.7#

68 8.0 3.6 5.4#

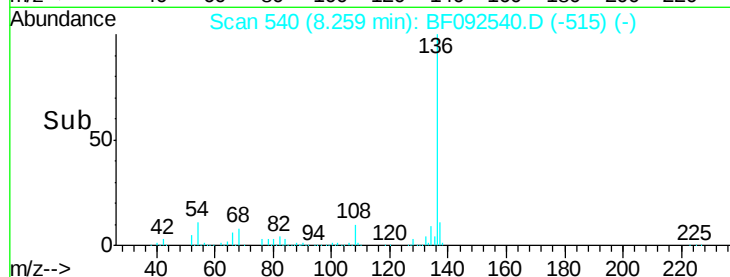


Abundance Ion 136.00 (135.70 to 136.70): E

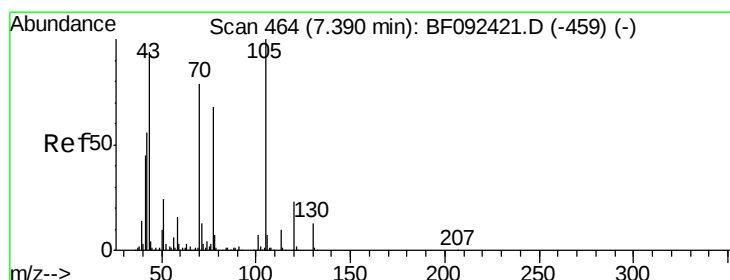
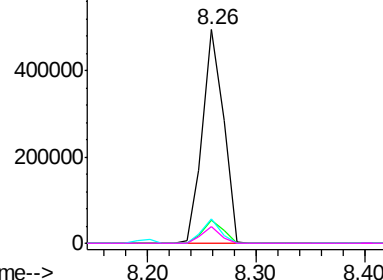
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->



#22

Acetophenone

Concen: 42.71 ng

RT: 7.38 min Scan# 463

Delta R.T. -0.01 min

Lab File: BF092540.D

Acq: 26 Jan 2017 22:20

Tgt Ion:105 Resp: 667974

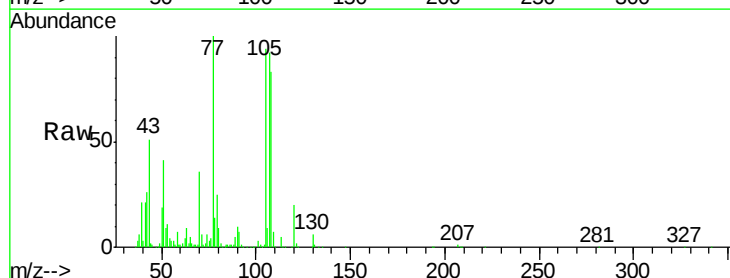
Ion Ratio Lower Upper

105 100

71 6.2 3.2 4.8#

51 43.7 26.2 39.4#

120 21.0 16.6 24.8

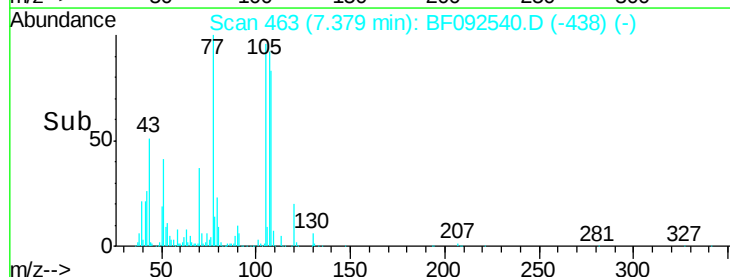


Abundance Ion 105.00 (104.70 to 105.70): E

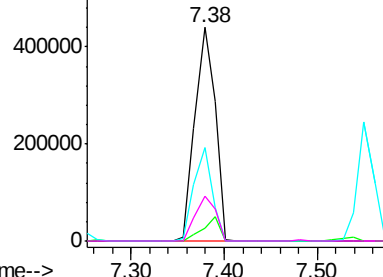
Ion 71.00 (70.70 to 71.70): BF0

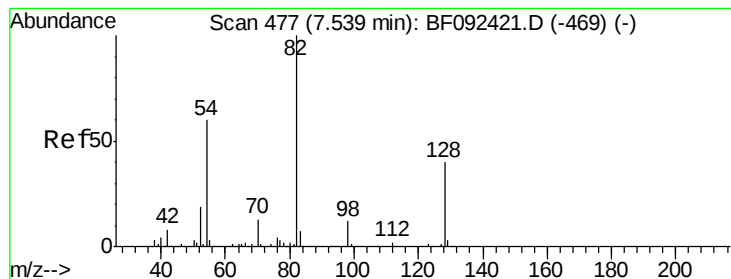
Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



Time-->





#23

Nitrobenzene-d5

Concen: 91.16 ng

RT: 7.54 min Scan# 477

Delta R.T. 0.00 min

Lab File: BF092540.D

Acq: 26 Jan 2017 22:20

Instrument :

BNA_F

ClientSampleId :

CHA-WCS-012317-1(0-70)MSD

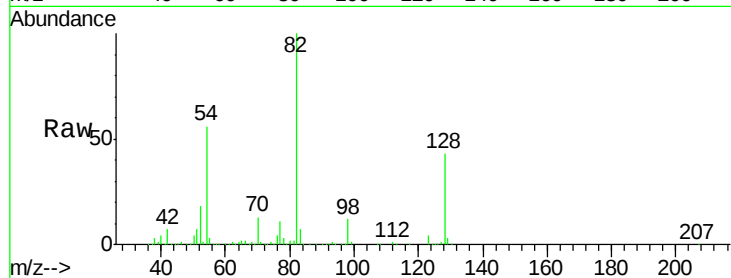
Tgt Ion: 82 Resp: 1095894

Ion Ratio Lower Upper

82 100

128 43.2 34.6 52.0

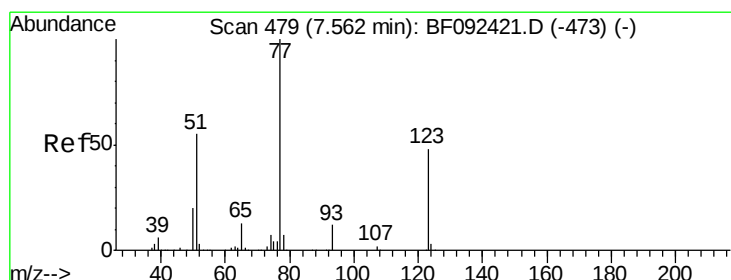
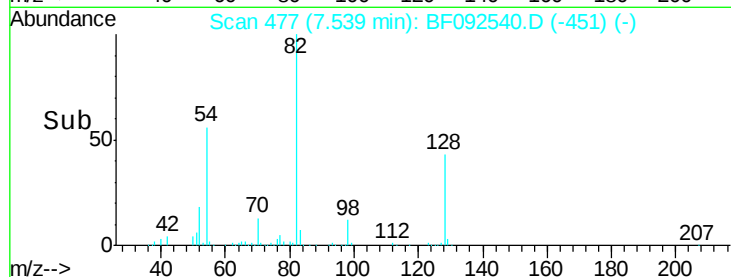
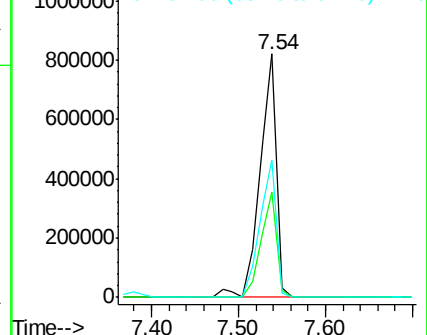
54 56.4 39.5 59.3



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#24

Nitrobenzene

Concen: 40.33 ng

RT: 7.55 min Scan# 478

Delta R.T. -0.01 min

Lab File: BF092540.D

Acq: 26 Jan 2017 22:20

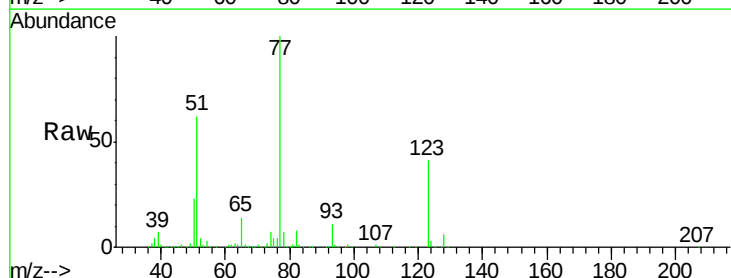
Tgt Ion: 77 Resp: 507927

Ion Ratio Lower Upper

77 100

123 41.1 33.0 49.4

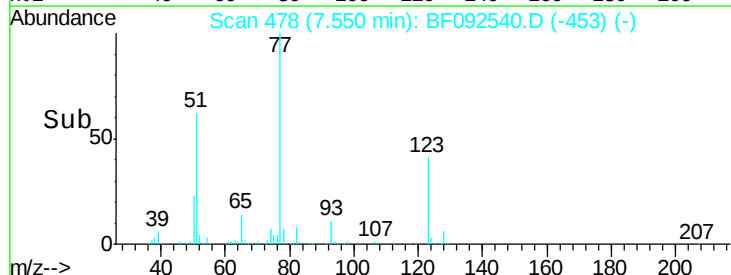
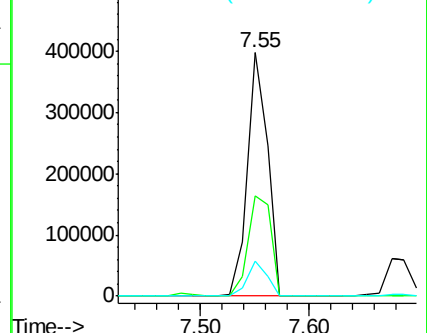
65 14.2 11.2 16.8

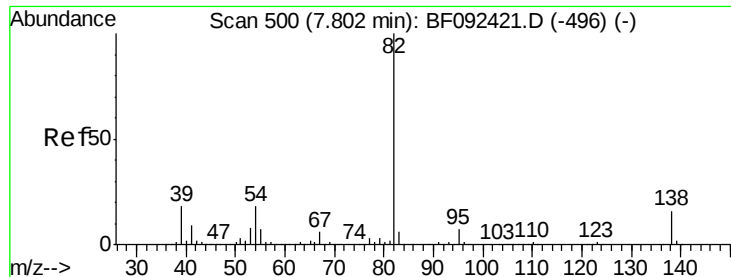


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 43.40 ng

RT: 7.80 min Scan# 500

Delta R.T. 0.00 min

Lab File: BF092540.D

Acq: 26 Jan 2017 22:20

Instrument :

BNA_F

ClientSampleId :

CHA-WCS-012317-1(0-70)MSD

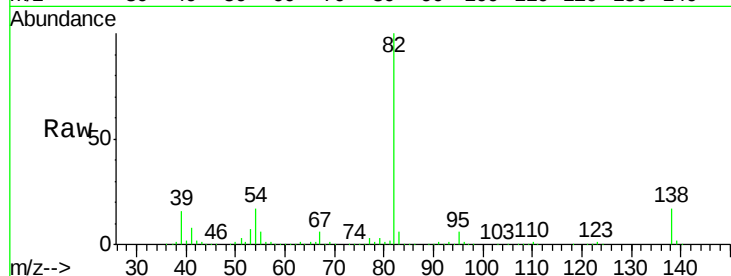
Tgt Ion: 82 Resp: 1028001

Ion Ratio Lower Upper

82 100

95 6.3 5.6 8.4

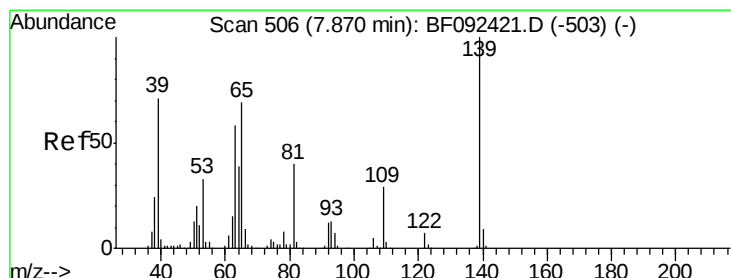
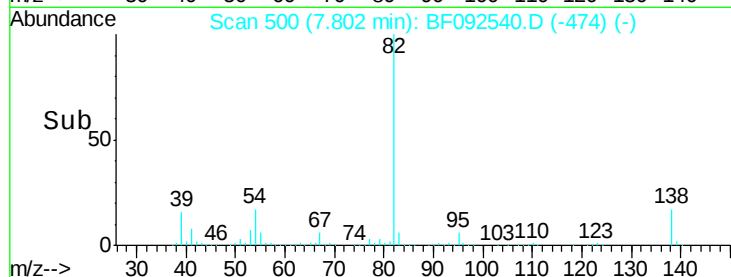
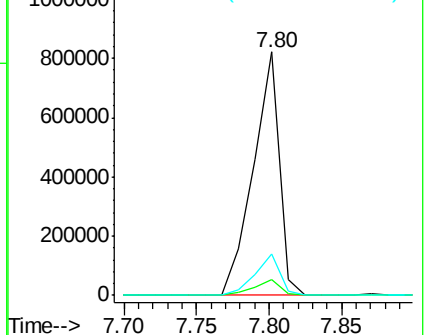
138 17.2 14.6 22.0



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 48.19 ng

RT: 7.87 min Scan# 506

Delta R.T. 0.00 min

Lab File: BF092540.D

Acq: 26 Jan 2017 22:20

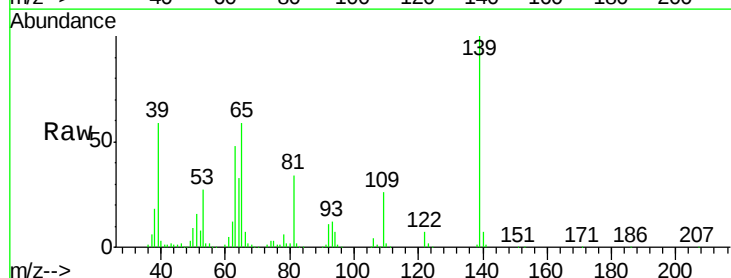
Tgt Ion: 139 Resp: 254295

Ion Ratio Lower Upper

139 100

109 26.4 23.3 34.9

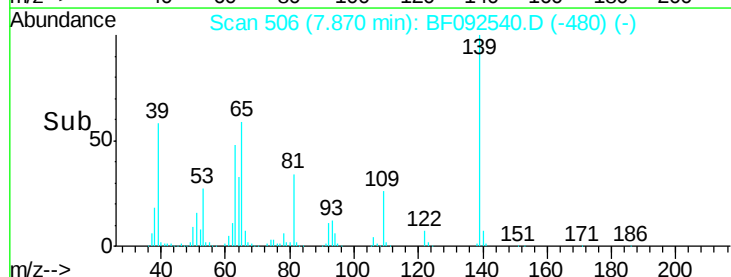
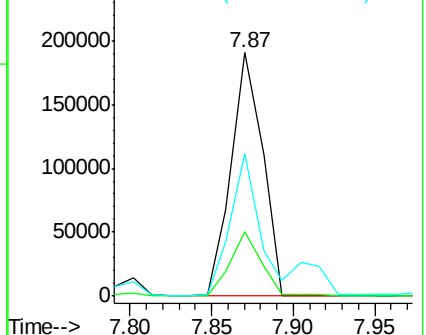
65 58.7 42.7 64.1

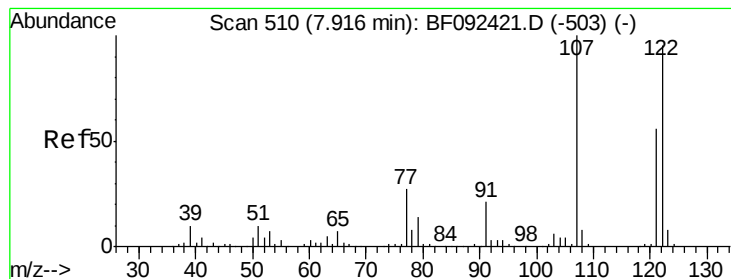


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0





#27

2,4-Dimethylphenol

Concen: 41.00 ng

RT: 7.92 min Scan# 510

Delta R.T. 0.00 min

Lab File: BF092540.D

Acq: 26 Jan 2017 22:20

Instrument :

BNA_F

ClientSampleId :

CHA-WCS-012317-1(0-70)MSD

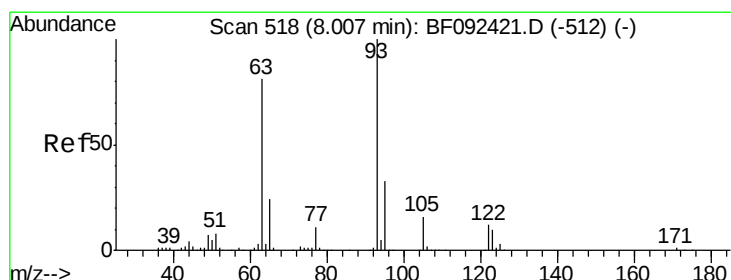
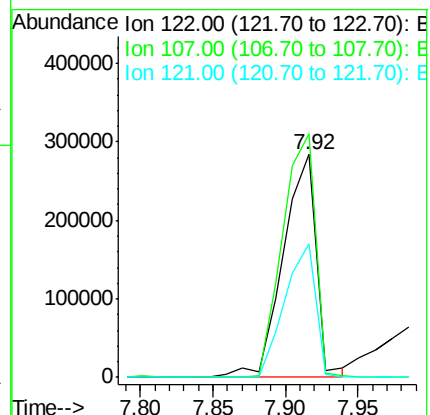
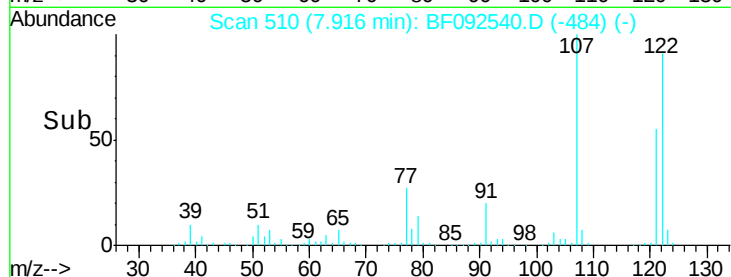
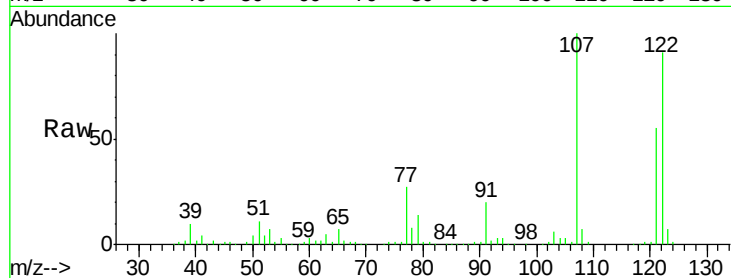
Tgt Ion:122 Resp: 449955

Ion Ratio Lower Upper

122 100

107 109.4 94.1 141.1

121 59.8 46.0 69.0



#28

bis(2-Chloroethoxy)methane

Concen: 14.90 ng

RT: 8.01 min Scan# 518

Delta R.T. 0.00 min

Lab File: BF092540.D

Acq: 26 Jan 2017 22:20

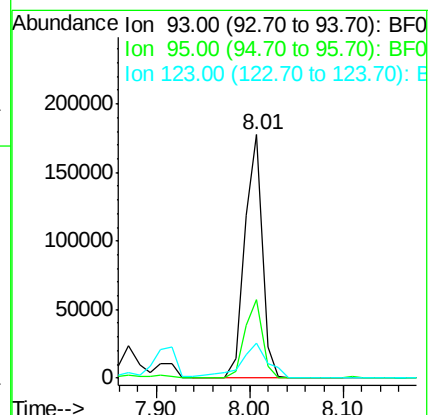
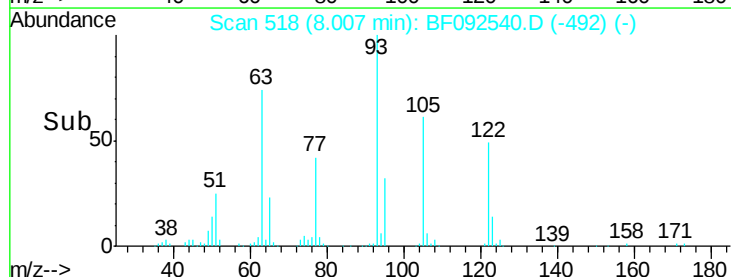
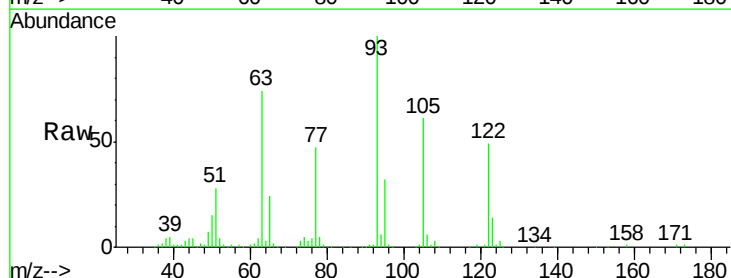
Tgt Ion: 93 Resp: 231609

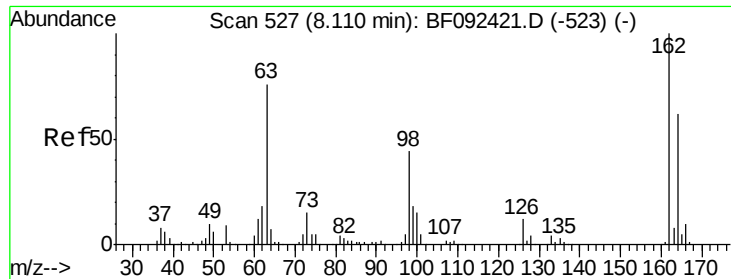
Ion Ratio Lower Upper

93 100

95 32.2 26.5 39.7

123 14.2 8.6 13.0#

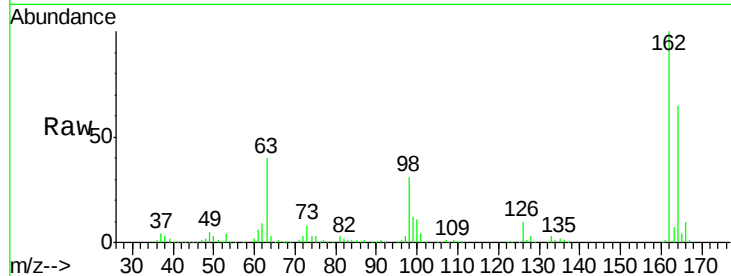




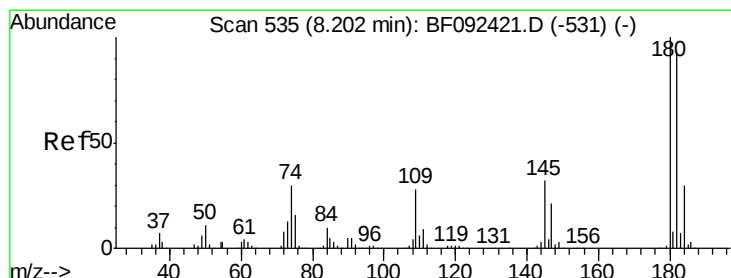
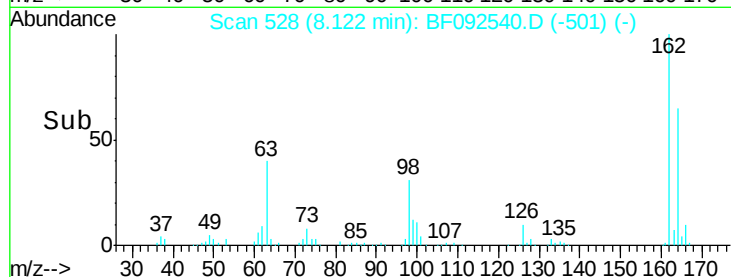
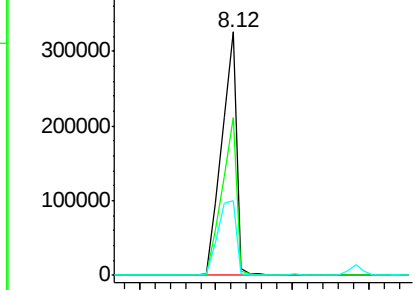
#29
 2,4-Dichlorophenol
 Concen: 46.94 ng
 RT: 8.12 min Scan# 528
 Delta R.T. 0.01 min
 Lab File: BF092540.D
 Acq: 26 Jan 2017 22:20

Instrument :
 BNA_F
 ClientSampleId :
 CHA-WCS-012317-1(0-70)MSD

Tgt Ion	Resp	Lower	Upper
162	446695		
162	100		
164	64.9	46.8	86.8
98	30.7	9.1	49.1

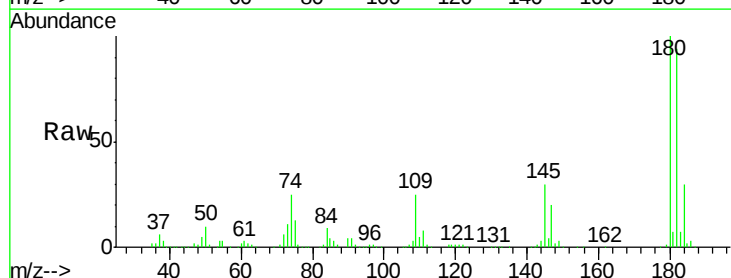


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

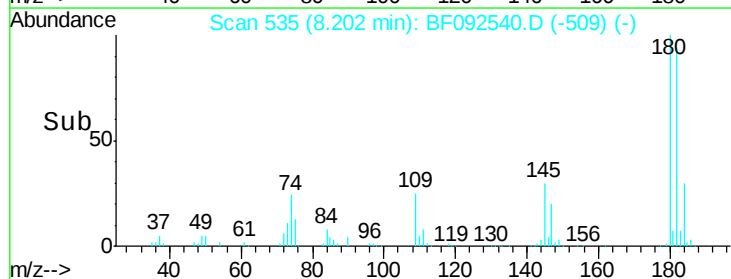
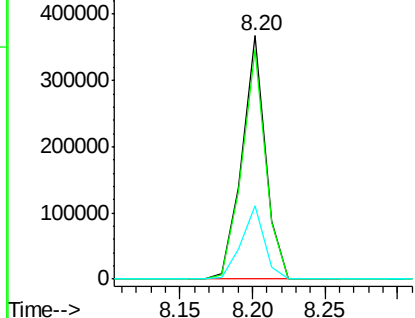


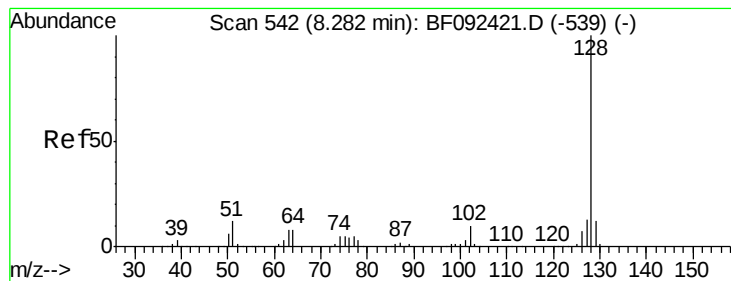
#30
 1,2,4-Trichlorobenzene
 Concen: 40.10 ng
 RT: 8.20 min Scan# 535
 Delta R.T. 0.00 min
 Lab File: BF092540.D
 Acq: 26 Jan 2017 22:20

Tgt Ion	Resp	Lower	Upper
180	412439		
180	100		
182	94.4	78.2	117.4
145	30.3	21.6	32.4



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





#31

Naphthalene

Concen: 39.56 ng

RT: 8.28 min Scan# 542

Delta R.T. 0.00 min

Lab File: BF092540.D

Acq: 26 Jan 2017 22:20

Instrument :

BNA_F

ClientSampleId :

CHA-WCS-012317-1(0-70)MSD

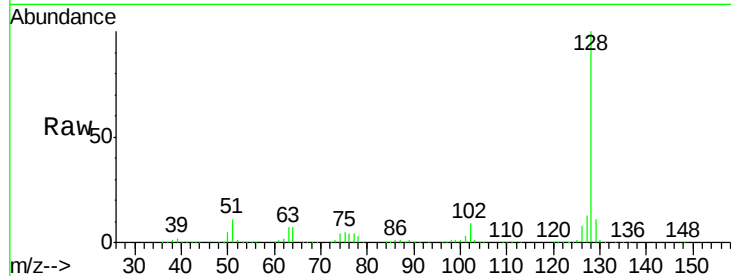
Tgt Ion:128 Resp: 1329432

Ion Ratio Lower Upper

128 100

129 11.3 9.5 14.3

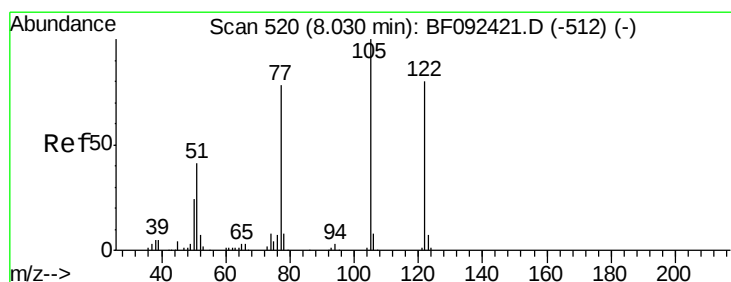
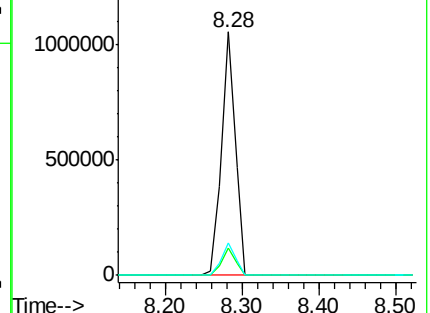
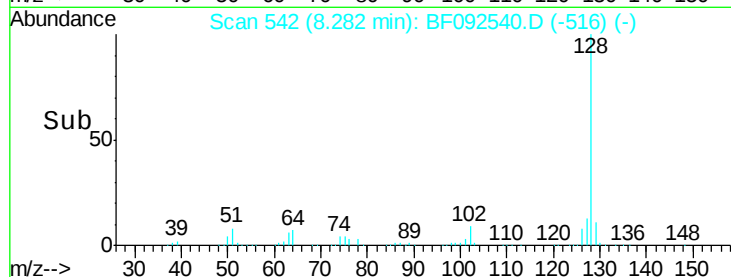
127 13.5 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 46.60 ng

RT: 8.03 min Scan# 520

Delta R.T. 0.00 min

Lab File: BF092540.D

Acq: 26 Jan 2017 22:20

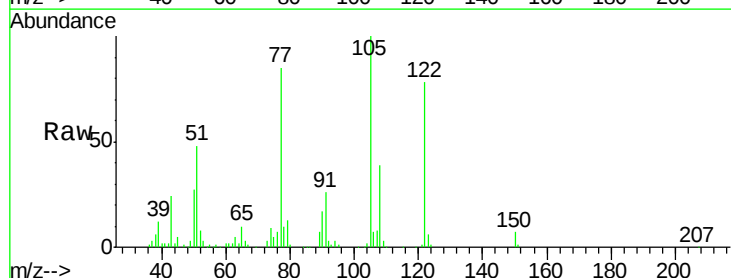
Tgt Ion:122 Resp: 381075

Ion Ratio Lower Upper

122 100

105 127.8 107.2 147.2

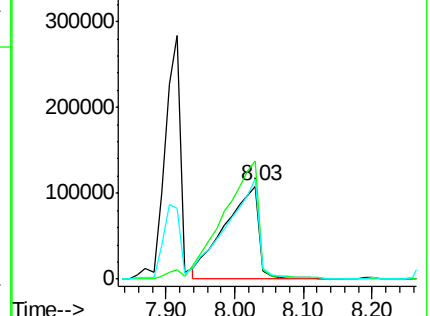
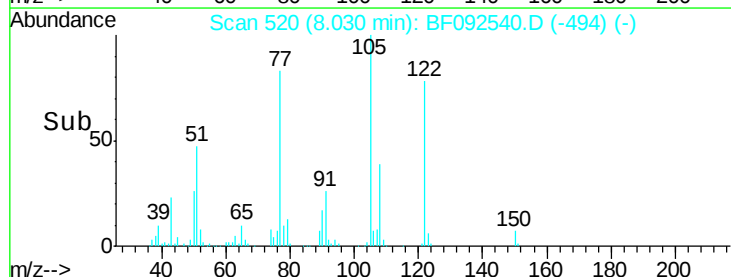
77 108.1 74.5 114.5

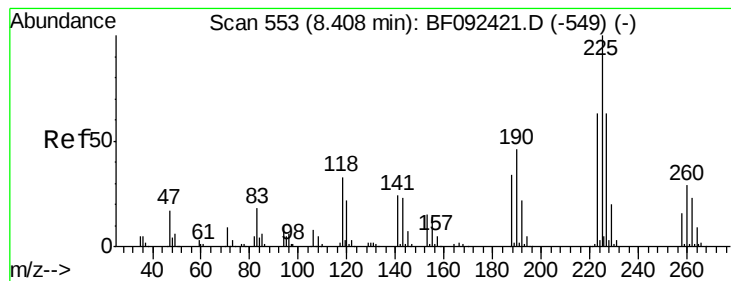


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





#34

Hexachlorobutadiene

Concen: 39.65 ng

RT: 8.41 min Scan# 553

Delta R.T. 0.00 min

Lab File: BF092540.D

Acq: 26 Jan 2017 22:20

Instrument :

BNA_F

ClientSampleId :

CHA-WCS-012317-1(0-70)MSD

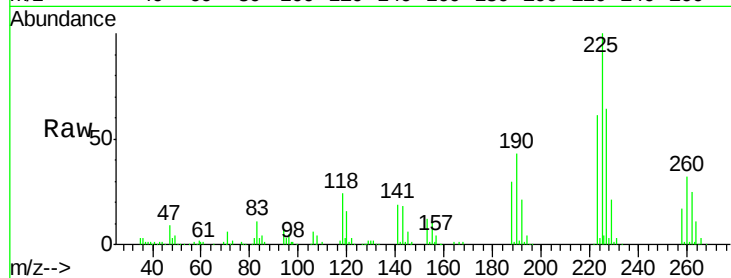
Tgt Ion:225 Resp: 223050

Ion Ratio Lower Upper

225 100

223 61.1 51.0 76.6

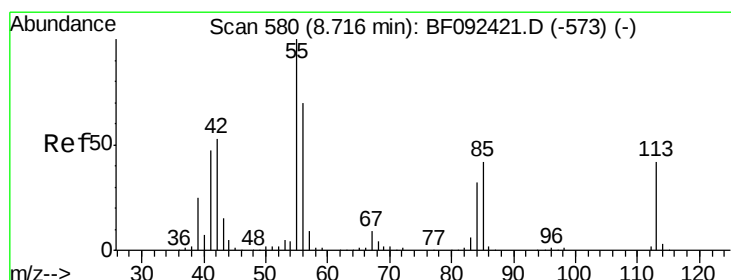
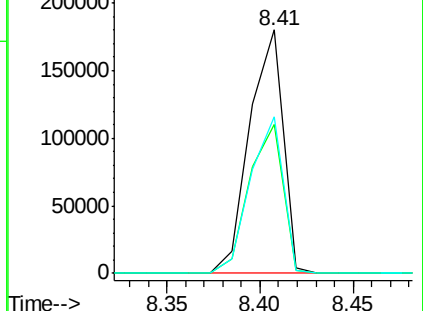
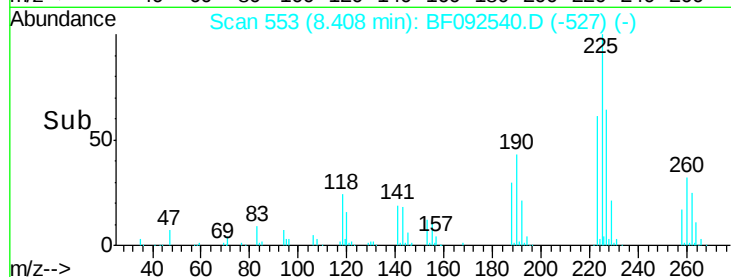
227 64.1 50.6 76.0



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: 12.54 ng

RT: 8.70 min Scan# 579

Delta R.T. -0.01 min

Lab File: BF092540.D

Acq: 26 Jan 2017 22:20

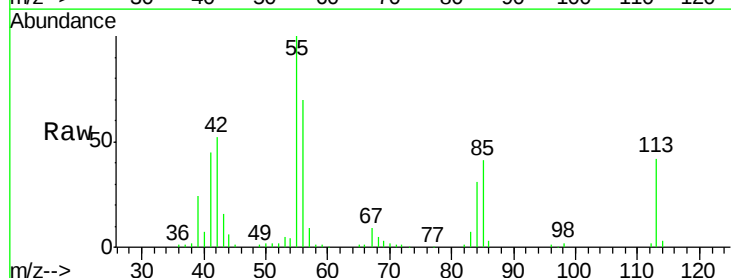
Tgt Ion:113 Resp: 39844

Ion Ratio Lower Upper

113 100

55 236.1 119.2 159.2#

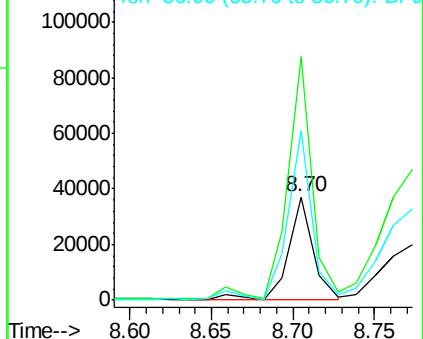
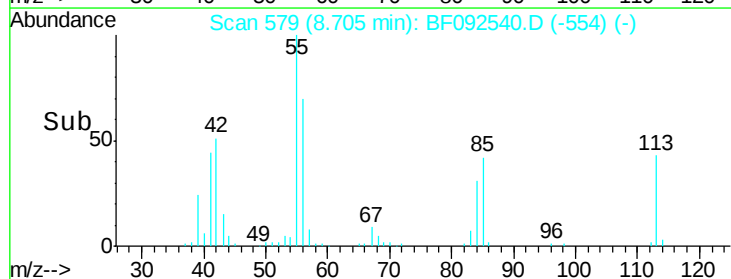
56 164.2 83.8 123.8#

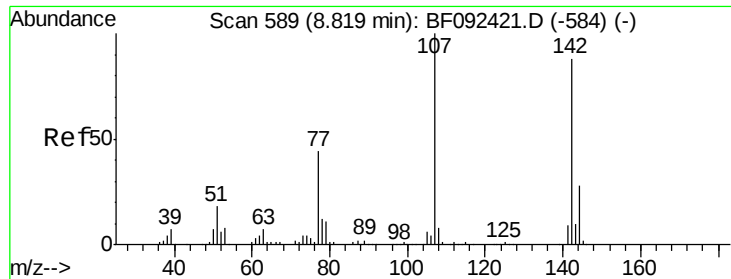


Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0

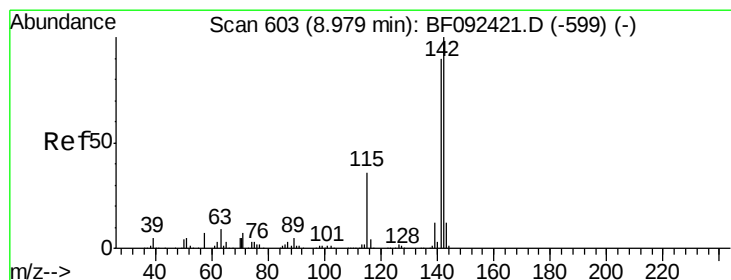
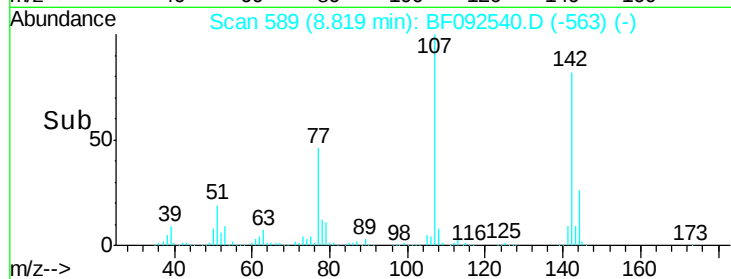
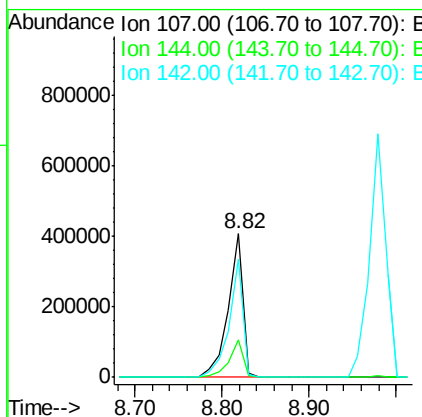
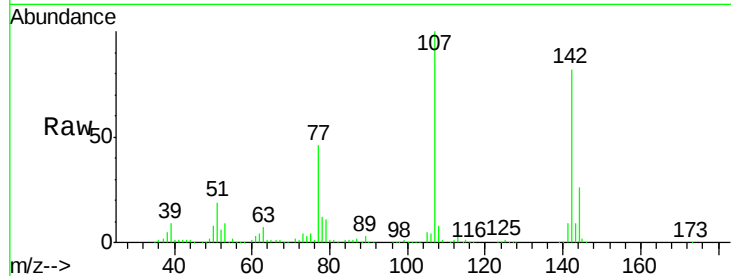




#36
 4-Chloro-3-methylphenol
 Concen: 46.70 ng
 RT: 8.82 min Scan# 589
 Delta R.T. 0.00 min
 Lab File: BF092540.D
 Acq: 26 Jan 2017 22:20

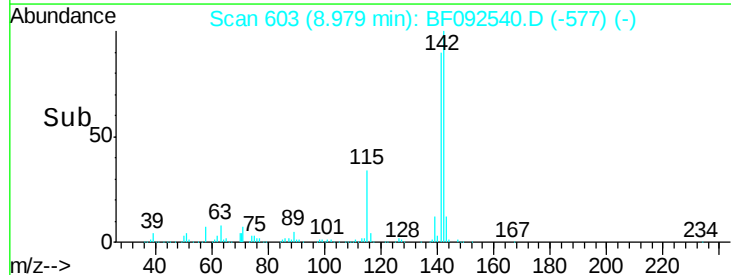
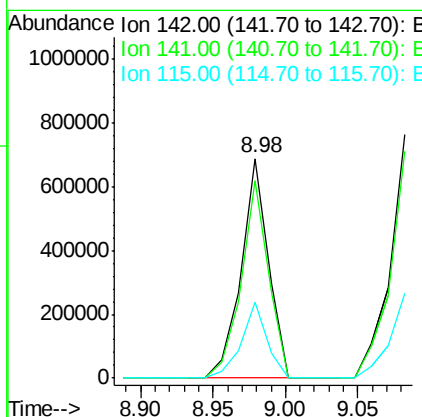
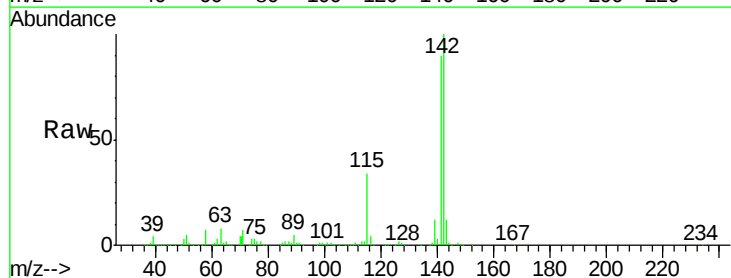
Instrument :
 BNA_F
 ClientSampleId :
 CHA-WCS-012317-1(0-70)MSD

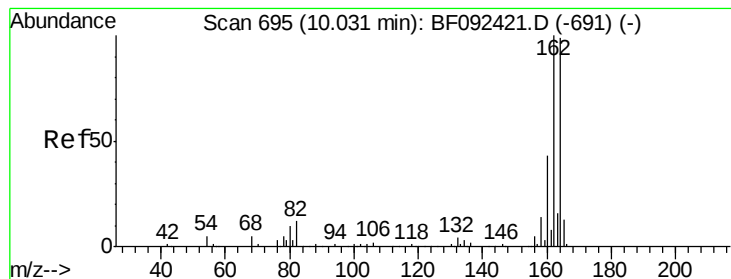
Tgt Ion:107 Resp: 479160
 Ion Ratio Lower Upper
 107 100
 144 26.5 19.3 28.9
 142 82.1 59.0 88.6



#37
 2-Methylnaphthalene
 Concen: 42.29 ng
 RT: 8.98 min Scan# 603
 Delta R.T. 0.00 min
 Lab File: BF092540.D
 Acq: 26 Jan 2017 22:20

Tgt Ion:142 Resp: 899856
 Ion Ratio Lower Upper
 142 100
 141 90.0 71.0 106.6
 115 34.5 28.3 42.5





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 10.03 min Scan# 695

Delta R.T. 0.00 min

Lab File: BF092540.D

Acq: 26 Jan 2017 22:20

Instrument :

BNA_F

ClientSampleId :

CHA-WCS-012317-1(0-70)MSD

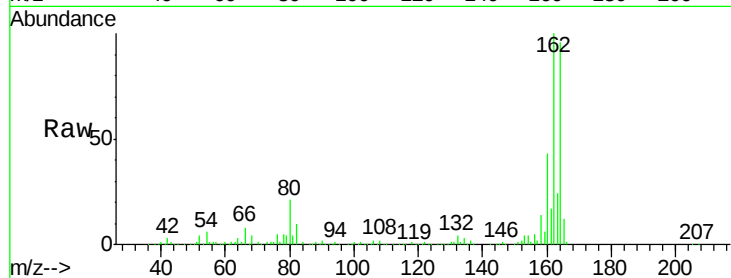
Tgt Ion:164 Resp: 310134

Ion Ratio Lower Upper

164 100

162 104.5 80.2 120.2

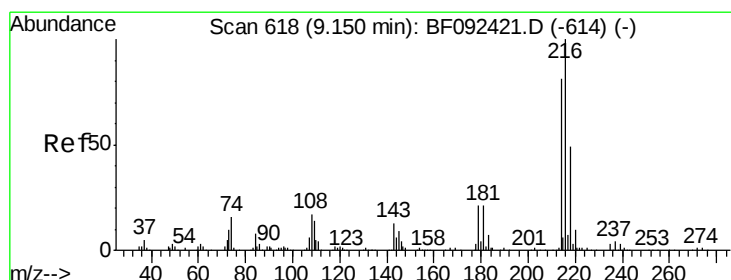
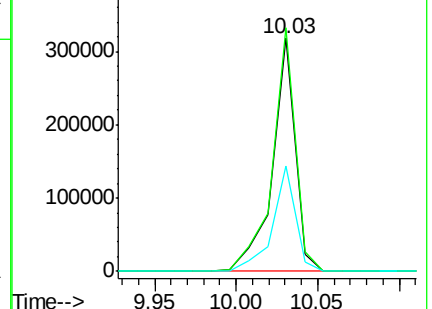
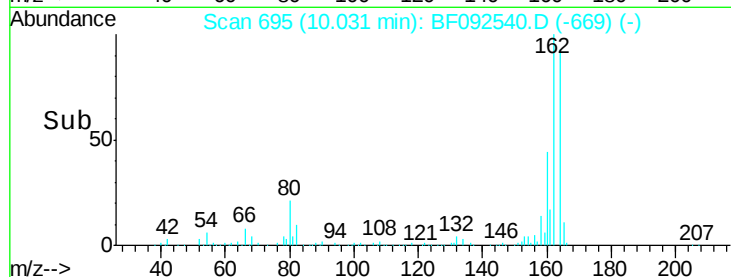
160 45.3 36.9 55.3



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#39

1,2,4,5-Tetrachlorobenzene

Concen: 54.05 ng

RT: 9.15 min Scan# 618

Delta R.T. 0.00 min

Lab File: BF092540.D

Acq: 26 Jan 2017 22:20

Tgt Ion:216 Resp: 422842

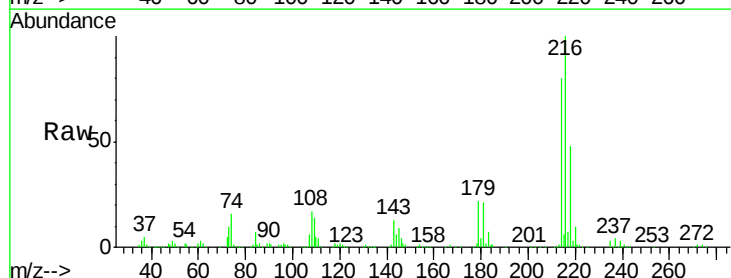
Ion Ratio Lower Upper

216 100

214 79.5 63.4 95.0

179 21.7 17.4 26.2

108 21.8 15.6 23.4

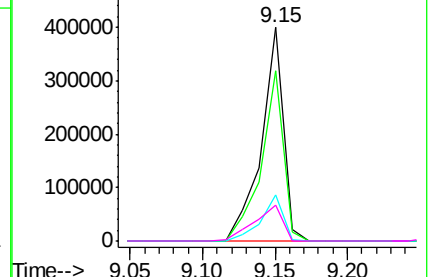
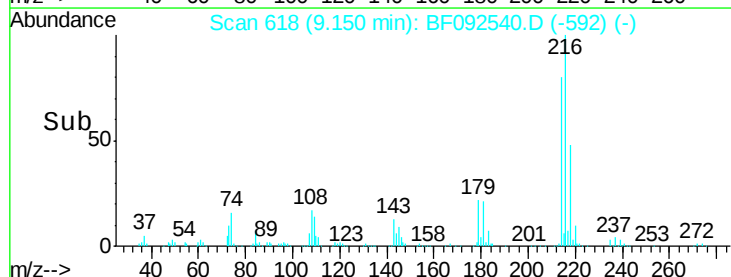


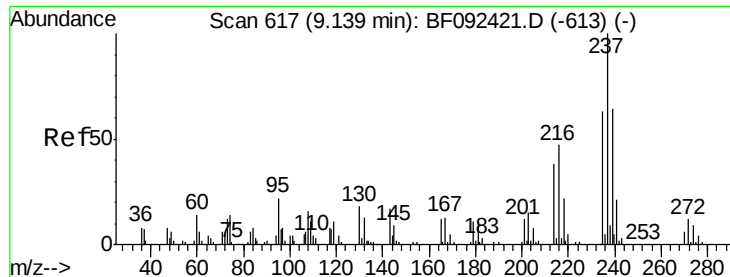
Abundance Ion 216.00 (215.70 to 216.70): E

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

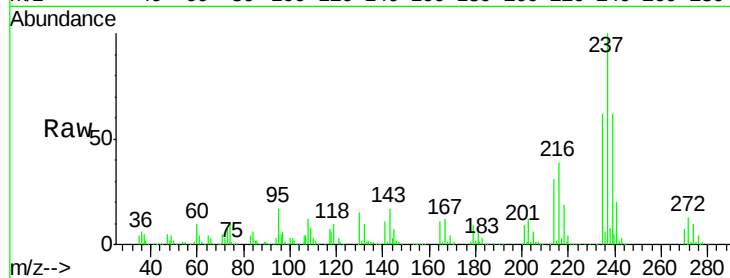




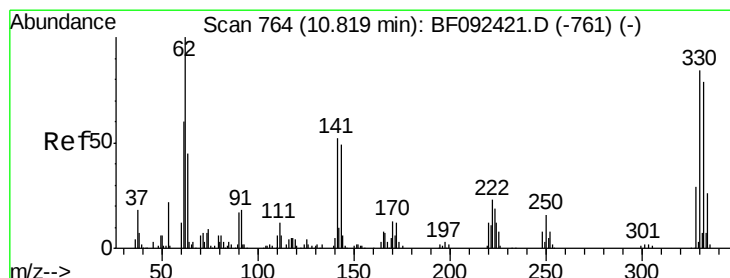
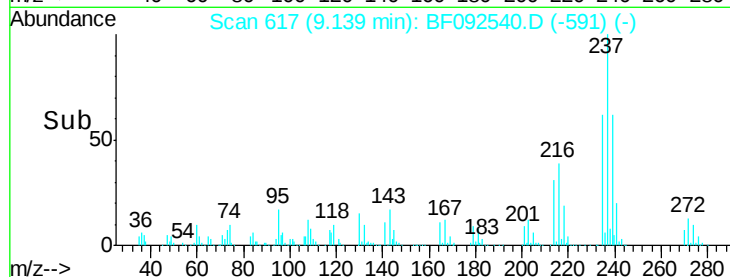
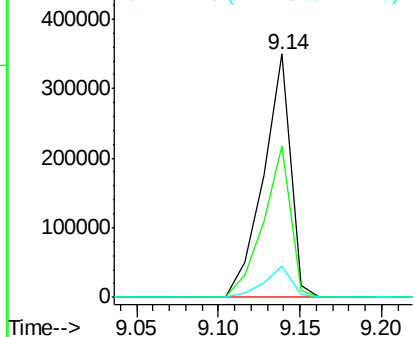
#40
Hexachlorocyclopentadiene
Concen: 103.82 ng
RT: 9.14 min Scan# 617
Delta R.T. 0.00 min
Lab File: BF092540.D
Acq: 26 Jan 2017 22:20

Instrument :
BNA_F
ClientSampleId :
CHA-WCS-012317-1(0-70)MSD

Tgt Ion: 237 Resp: 406757
Ion Ratio Lower Upper
237 100
235 62.2 41.2 81.2
272 12.8 0.0 35.4

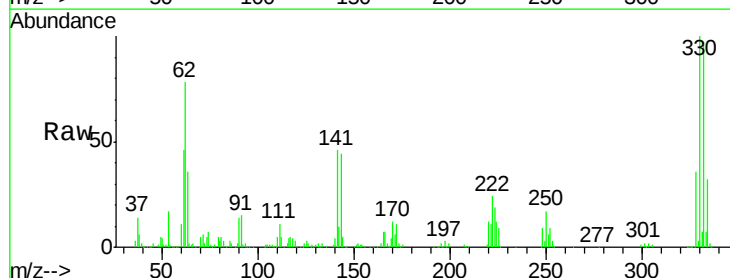


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

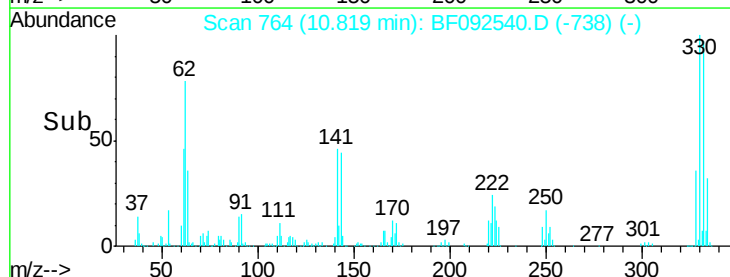
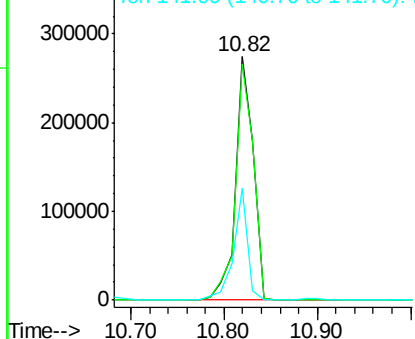


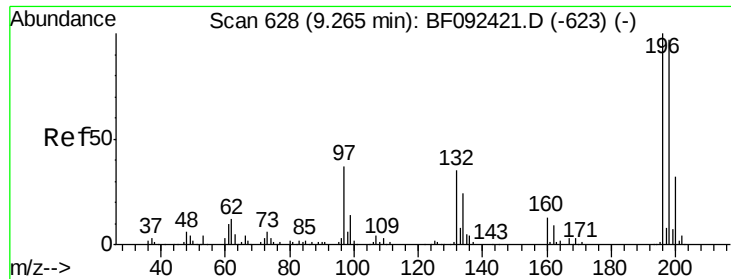
#41
2,4,6-Tribromophenol
Concen: 173.41 ng
RT: 10.82 min Scan# 764
Delta R.T. 0.00 min
Lab File: BF092540.D
Acq: 26 Jan 2017 22:20

Tgt Ion: 330 Resp: 366493
Ion Ratio Lower Upper
330 100
332 98.1 77.4 116.2
141 36.2 34.1 51.1



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: 58.53 ng

RT: 9.26 min Scan# 628

Delta R.T. 0.00 min

Lab File: BF092540.D

Acq: 26 Jan 2017 22:20

Instrument :

BNA_F

ClientSampleId :

CHA-WCS-012317-1(0-70)MSD

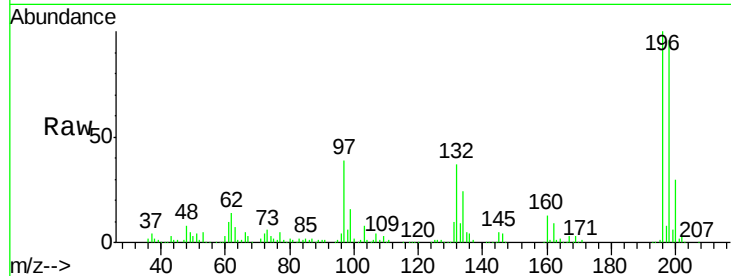
Tgt Ion:196 Resp: 350787

Ion Ratio Lower Upper

196 100

198 96.3 82.1 123.1

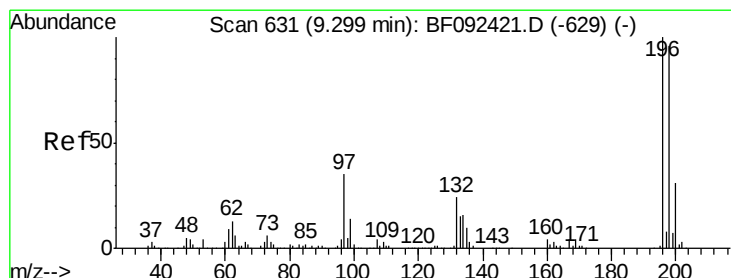
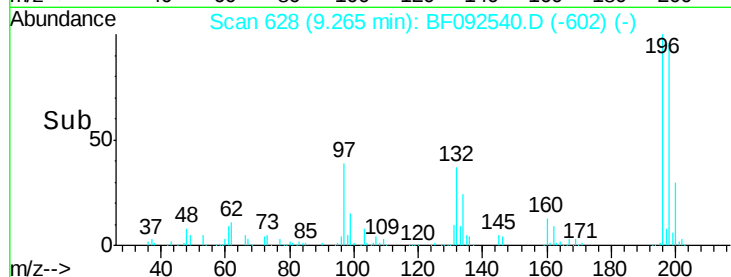
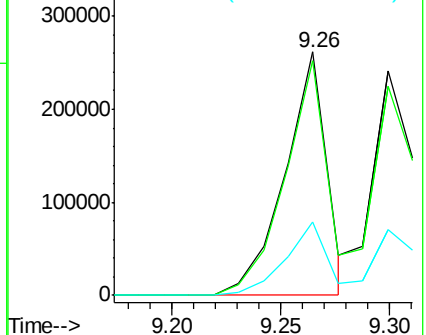
200 29.9 27.0 40.4



Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#43

2,4,5-Trichlorophenol

Concen: 56.42 ng

RT: 9.30 min Scan# 631

Delta R.T. 0.00 min

Lab File: BF092540.D

Acq: 26 Jan 2017 22:20

Tgt Ion:196 Resp: 309439

Ion Ratio Lower Upper

196 100

198 92.8 79.4 119.2

97 56.1 51.5 77.3

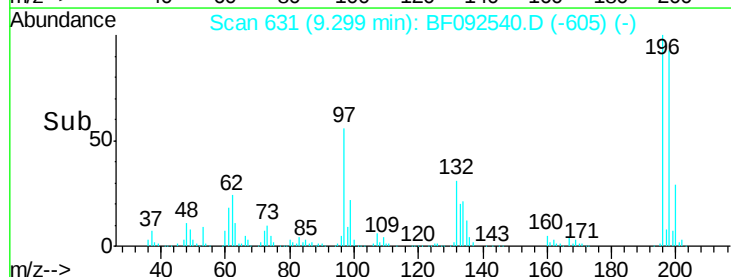
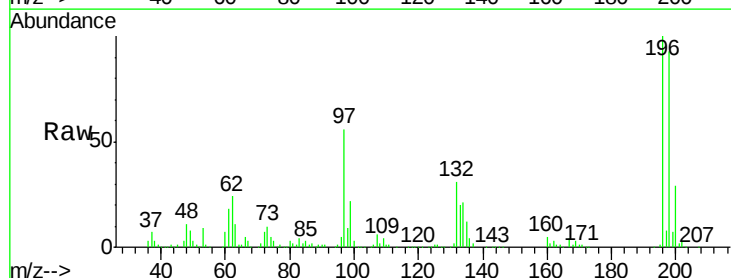
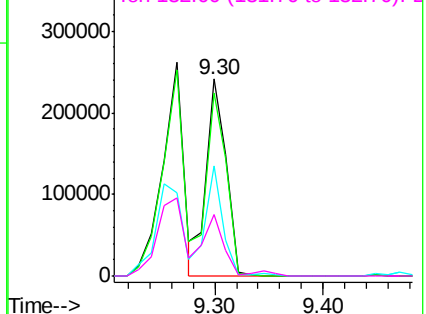
132 31.2 27.4 41.2

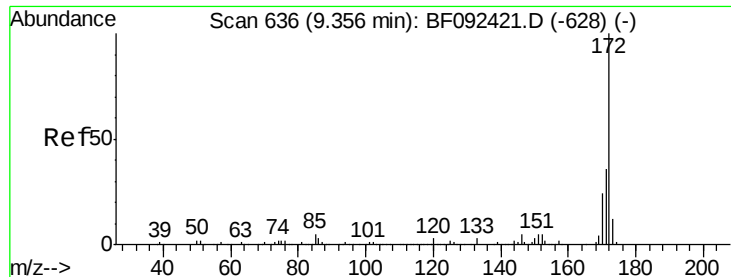
Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E





#44

2-Fluorobiphenyl

Concen: 108.55 ng

RT: 9.34 min Scan# 635

Delta R.T. -0.01 min

Lab File: BF092540.D

Acq: 26 Jan 2017 22:20

Instrument :

BNA_F

ClientSampleId :

CHA-WCS-012317-1(0-70)MSD

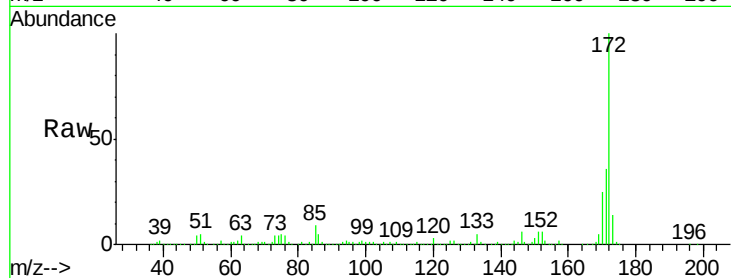
Tgt Ion:172 Resp: 1820625

Ion Ratio Lower Upper

172 100

171 36.1 29.4 44.0

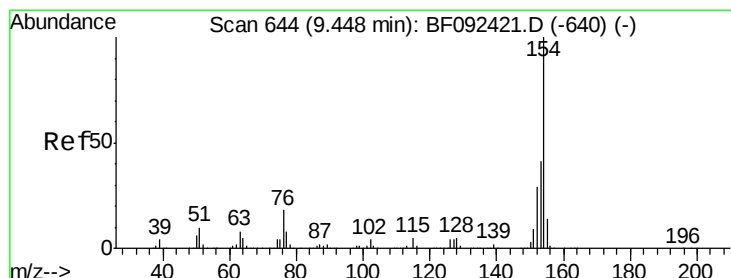
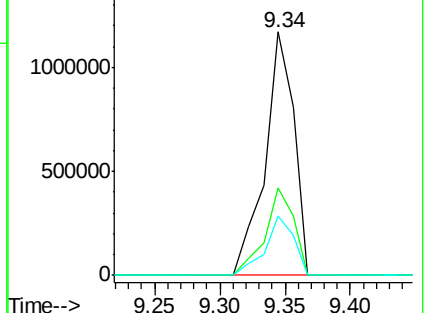
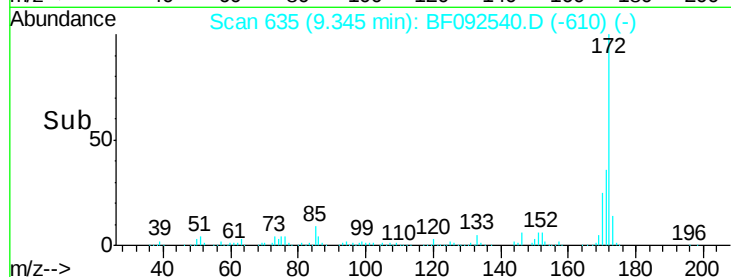
170 24.5 20.2 30.4



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: 50.38 ng

RT: 9.45 min Scan# 644

Delta R.T. 0.00 min

Lab File: BF092540.D

Acq: 26 Jan 2017 22:20

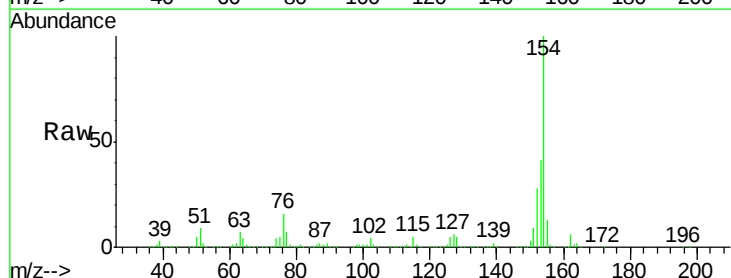
Tgt Ion:154 Resp: 1129377

Ion Ratio Lower Upper

154 100

153 40.9 20.9 60.9

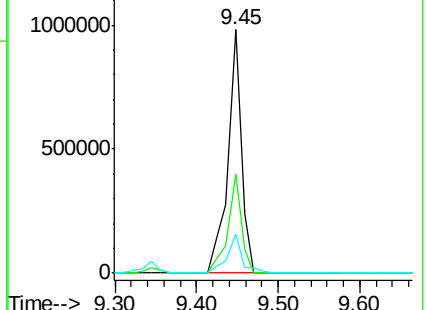
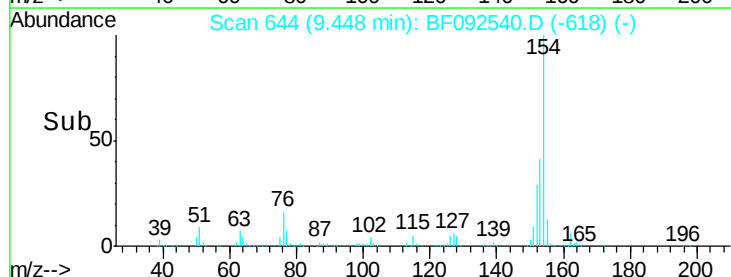
76 15.9 0.0 30.5

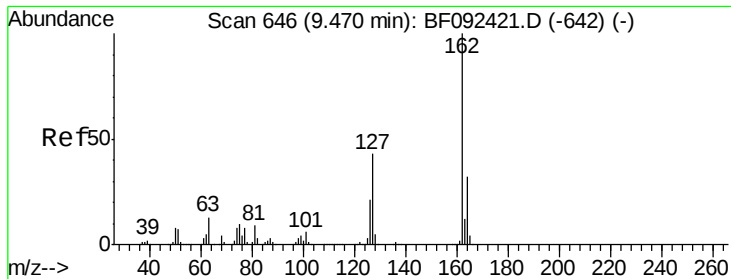


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0

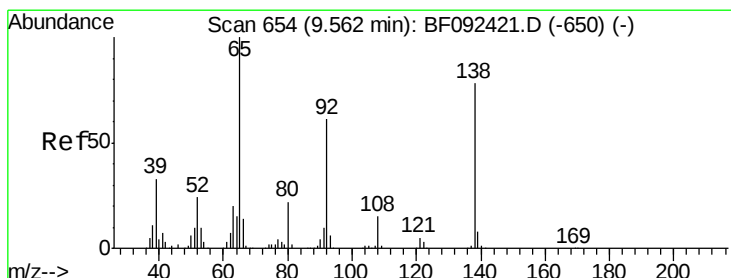
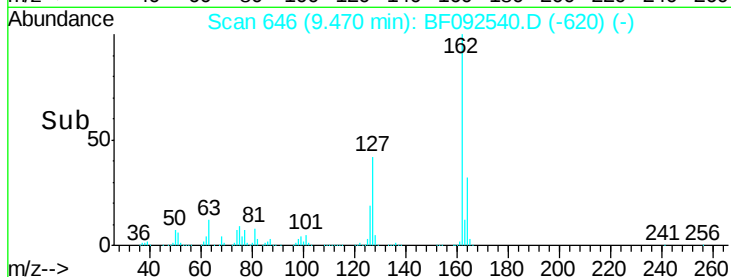
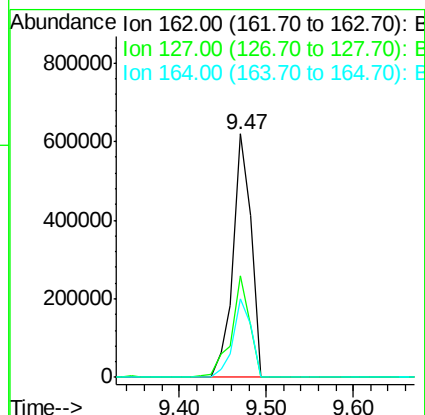
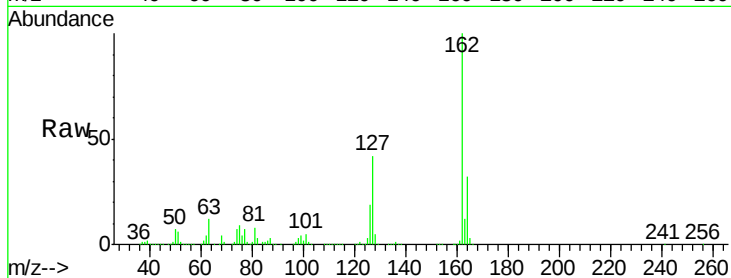




#46
 2-Chloronaphthalene
 Concen: 48.08 ng
 RT: 9.47 min Scan# 646
 Delta R.T. 0.00 min
 Lab File: BF092540.D
 Acq: 26 Jan 2017 22:20

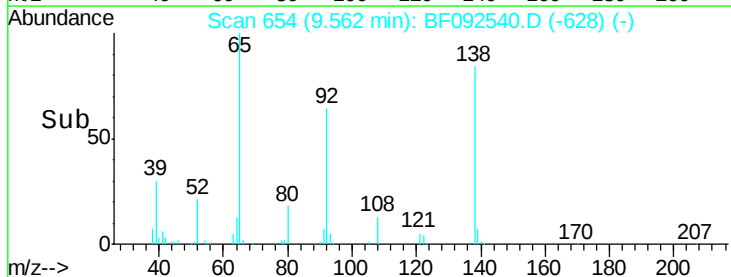
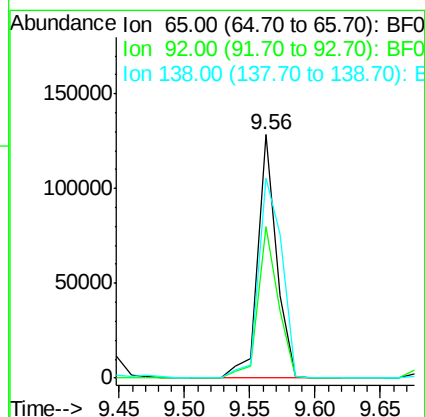
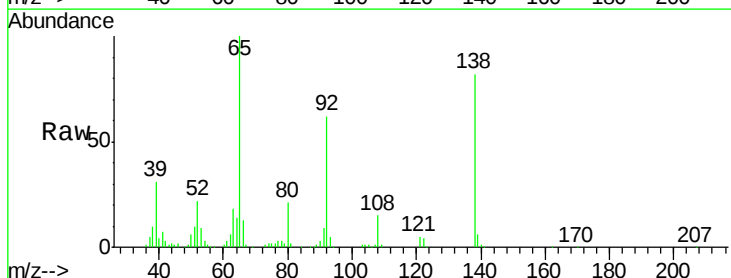
Instrument :
 BNA_F
 ClientSampleId :
 CHA-WCS-012317-1(0-70)MSD

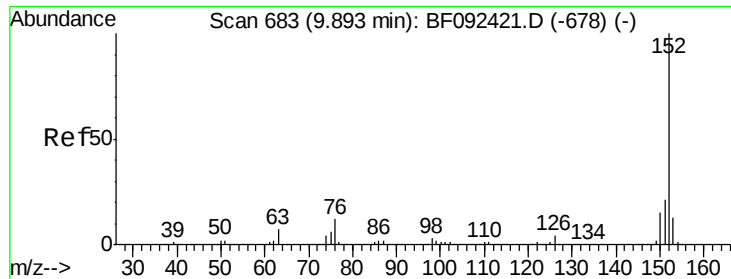
Tgt Ion: 162 Resp: 880344
 Ion Ratio Lower Upper
 162 100
 127 41.6 30.7 46.1
 164 32.1 27.6 41.4



#47
 2-Nitroaniline
 Concen: 21.07 ng
 RT: 9.56 min Scan# 654
 Delta R.T. 0.00 min
 Lab File: BF092540.D
 Acq: 26 Jan 2017 22:20

Tgt Ion: 65 Resp: 129937
 Ion Ratio Lower Upper
 65 100
 92 62.4 53.9 80.9
 138 82.1 76.8 115.2

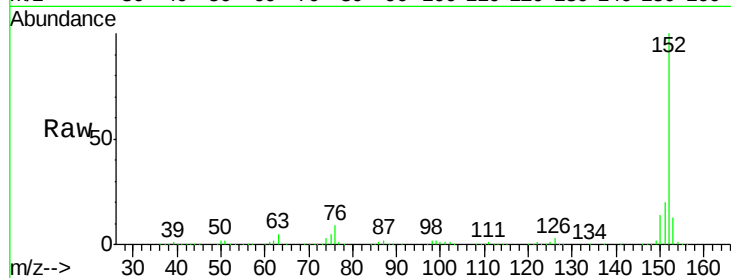




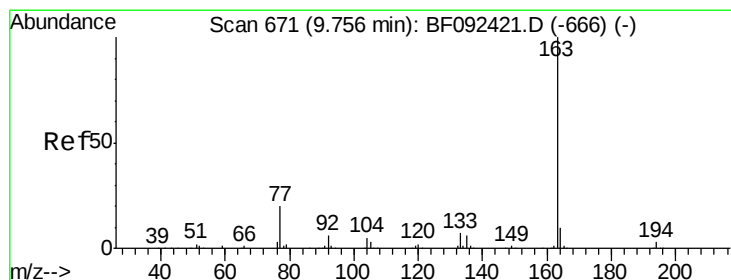
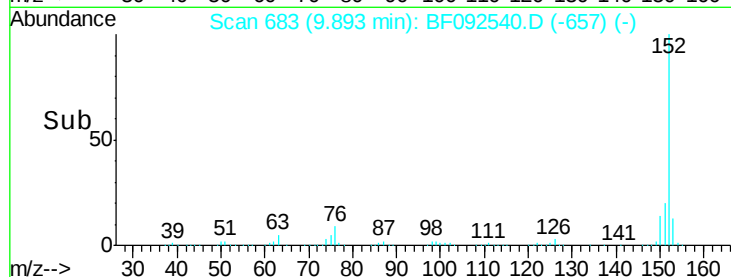
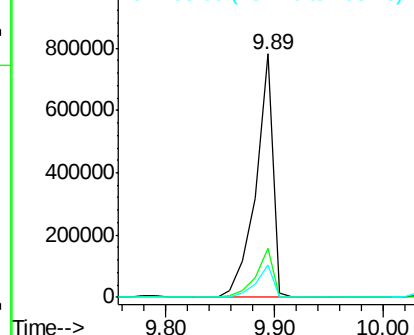
#48
Acenaphthylene
Concen: 32.06 ng
RT: 9.89 min Scan# 683
Delta R.T. 0.00 min
Lab File: BF092540.D
Acq: 26 Jan 2017 22:20

Instrument :
BNA_F
ClientSampleId :
CHA-WCS-012317-1(0-70)MSD

Tgt Ion:152 Resp: 861093
Ion Ratio Lower Upper
152 100
151 20.2 16.9 25.3
153 13.3 11.4 17.2

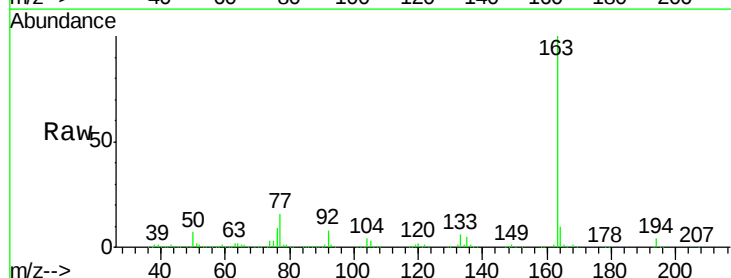


Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E

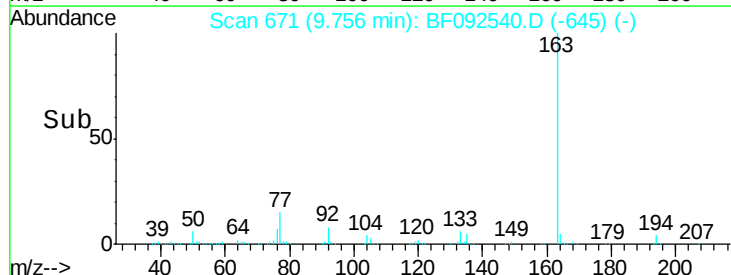
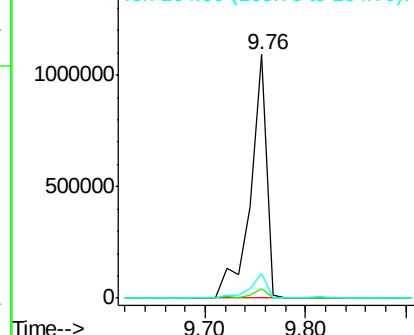


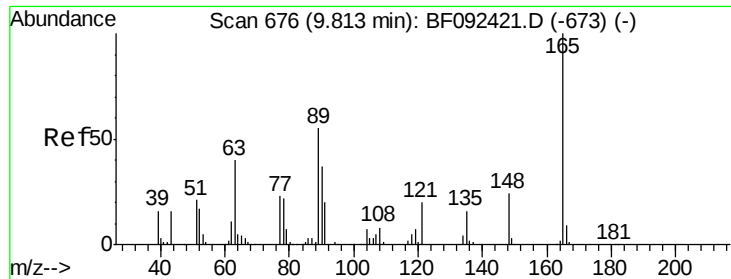
#49
Dimethylphthalate
Concen: 61.46 ng
RT: 9.76 min Scan# 671
Delta R.T. 0.00 min
Lab File: BF092540.D
Acq: 26 Jan 2017 22:20

Tgt Ion:163 Resp: 1212048
Ion Ratio Lower Upper
163 100
194 3.8 3.0 4.4
164 10.0 8.0 12.0



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

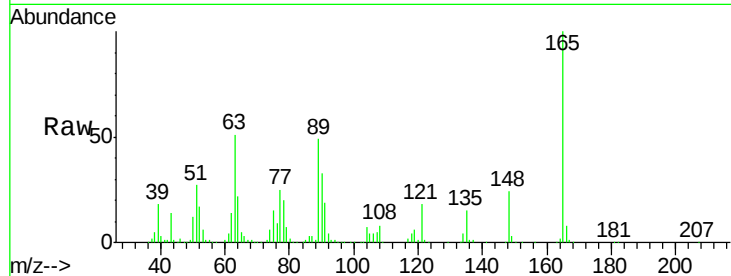




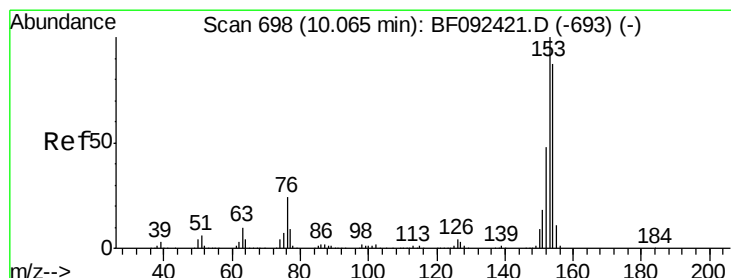
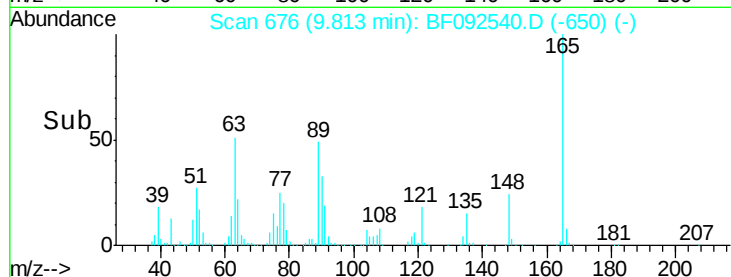
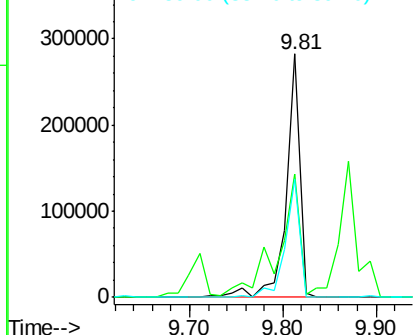
#50
2,6-Dinitrotoluene
Concen: 70.80 ng
RT: 9.81 min Scan# 676
Delta R.T. 0.00 min
Lab File: BF092540.D
Acq: 26 Jan 2017 22:20

Instrument :
BNA_F
ClientSampleId :
CHA-WCS-012317-1(0-70)MSD

Tgt Ion:165 Resp: 285386
Ion Ratio Lower Upper
165 100
63 50.8 36.2 54.4
89 48.6 40.2 60.4

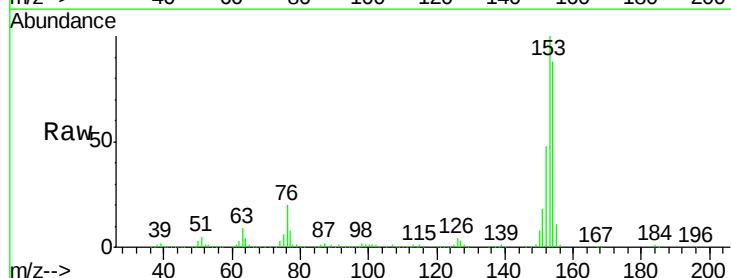


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0

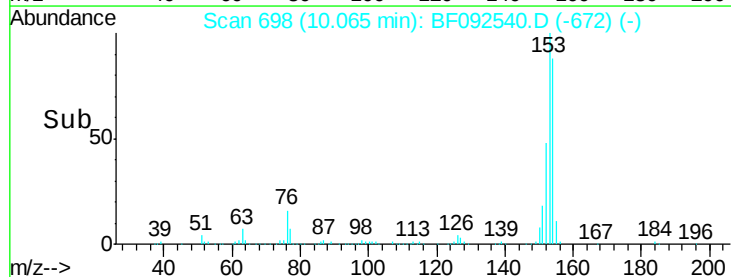
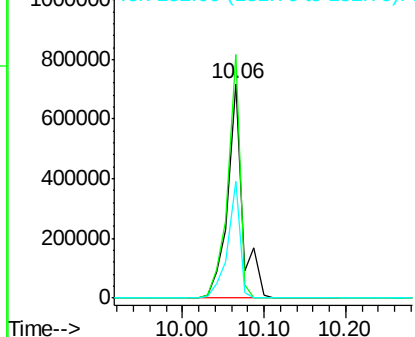


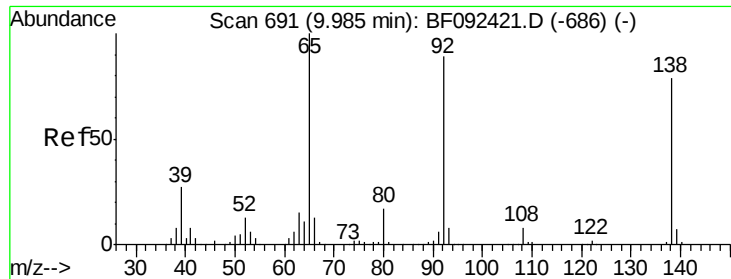
#51
Acenaphthene
Concen: 54.42 ng
RT: 10.06 min Scan# 698
Delta R.T. 0.00 min
Lab File: BF092540.D
Acq: 26 Jan 2017 22:20

Tgt Ion:154 Resp: 908102
Ion Ratio Lower Upper
154 100
153 113.5 88.6 133.0
152 54.7 41.6 62.4



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E





#52

3-Nitroaniline

Concen: 5.57 ng

RT: 9.97 min Scan# 690

Delta R.T. -0.01 min

Lab File: BF092540.D

Acq: 26 Jan 2017 22:20

Instrument :

BNA_F

ClientSampleId :

CHA-WCS-012317-1(0-70)MSD

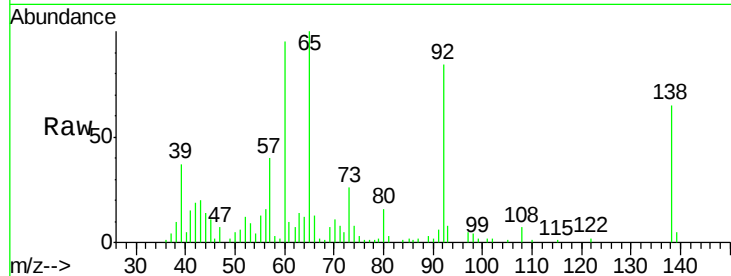
Tgt Ion:138 Resp: 28116

Ion Ratio Lower Upper

138 100

108 10.6 8.5 12.7

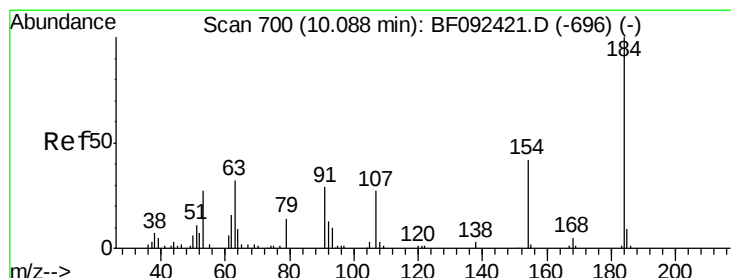
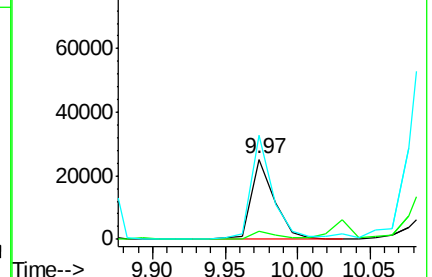
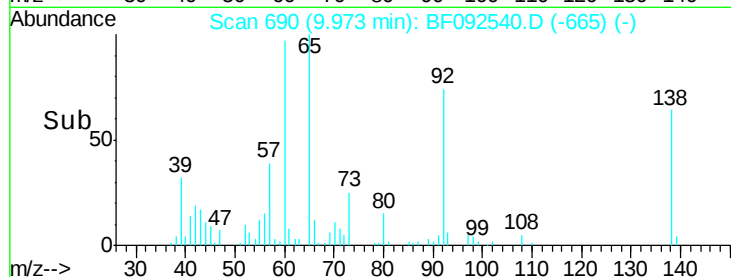
92 130.5 97.8 146.8



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0



#53

2,4-Dinitrophenol

Concen: 93.27 ng

RT: 10.09 min Scan# 700

Delta R.T. 0.00 min

Lab File: BF092540.D

Acq: 26 Jan 2017 22:20

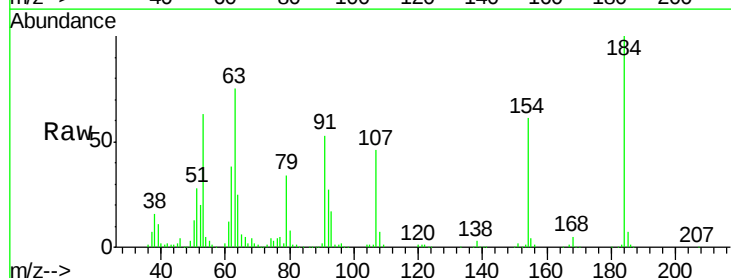
Tgt Ion:184 Resp: 276563

Ion Ratio Lower Upper

184 100

63 75.5 28.4 42.6#

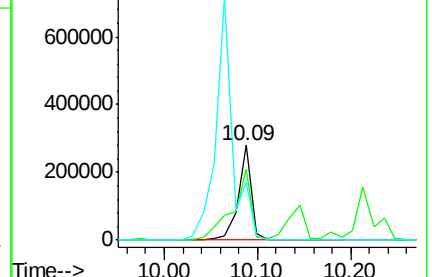
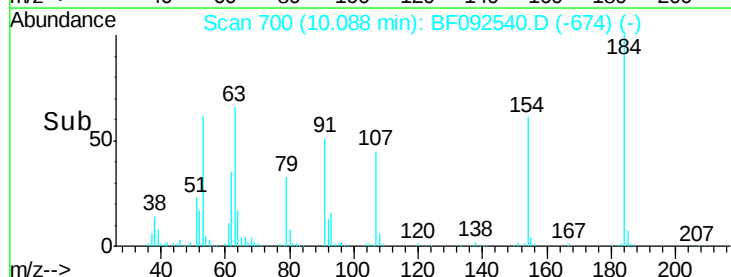
154 60.9 44.3 66.5

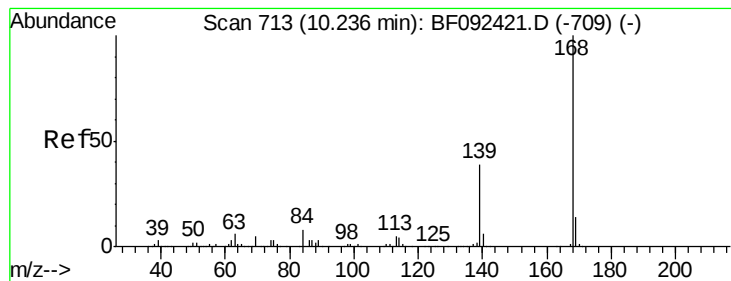


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 154.00 (153.70 to 154.70): E





#54

Dibenzenofuran

Concen: 53.85 ng

RT: 10.24 min Scan# 713

Delta R.T. 0.00 min

Lab File: BF092540.D

Acq: 26 Jan 2017 22:20

Instrument :

BNA_F

ClientSampleId :

CHA-WCS-012317-1(0-70)MSD

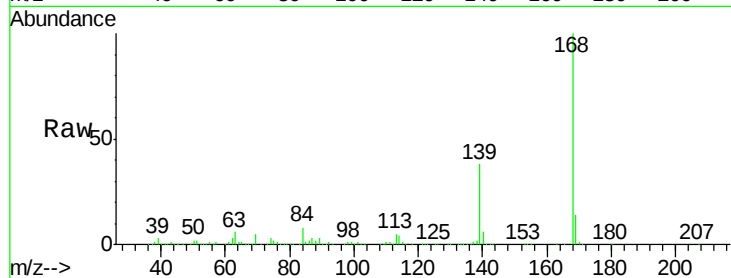
Tgt Ion:168 Resp: 1220336

Ion Ratio Lower Upper

168 100

139 38.2 32.6 49.0

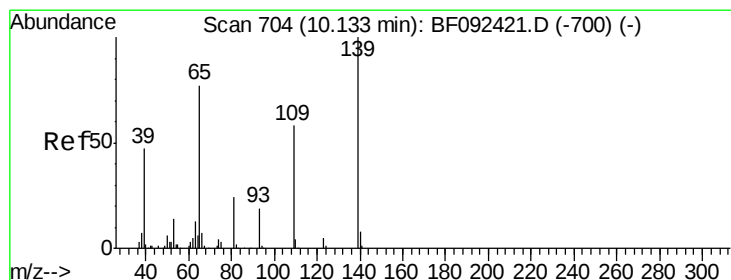
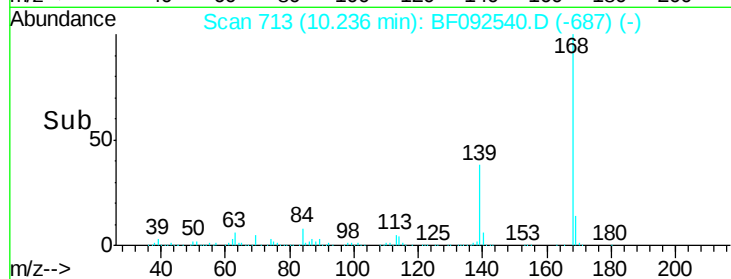
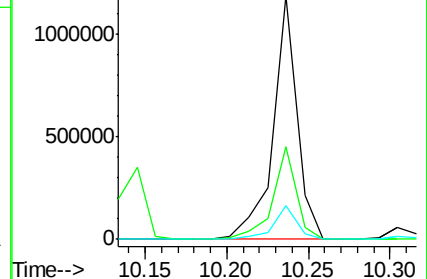
169 13.6 11.3 16.9



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: 104.64 ng

RT: 10.14 min Scan# 705

Delta R.T. 0.01 min

Lab File: BF092540.D

Acq: 26 Jan 2017 22:20

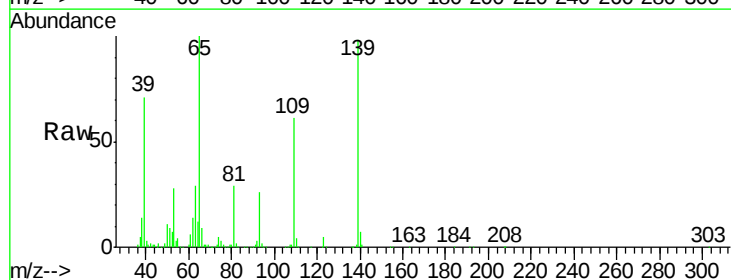
Tgt Ion:139 Resp: 419533

Ion Ratio Lower Upper

139 100

109 62.2 52.2 92.2

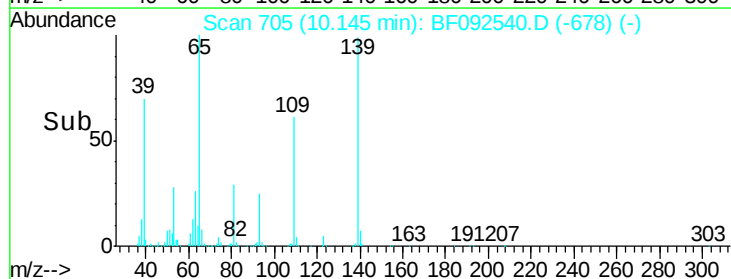
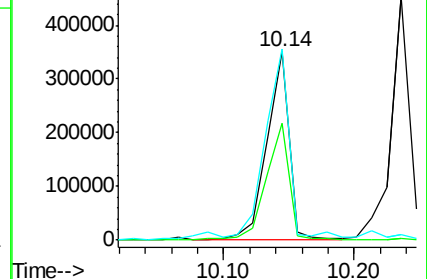
65 101.6 85.8 125.8

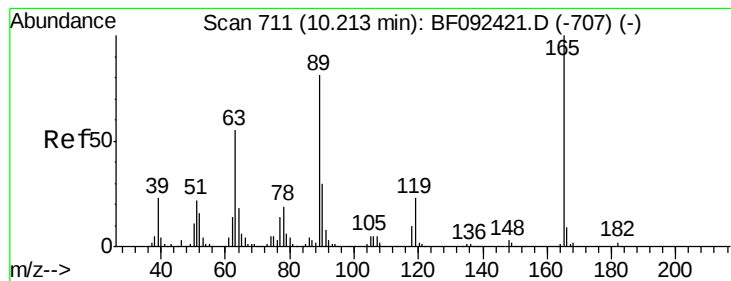


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0





#56

2,4-Dinitrotoluene

Concen: 59.21 ng

RT: 10.21 min Scan# 711

Delta R.T. 0.00 min

Lab File: BF092540.D

Acq: 26 Jan 2017 22:20

Instrument :

BNA_F

ClientSampleId :

CHA-WCS-012317-1(0-70)MSD

Tgt Ion:165 Resp: 316825

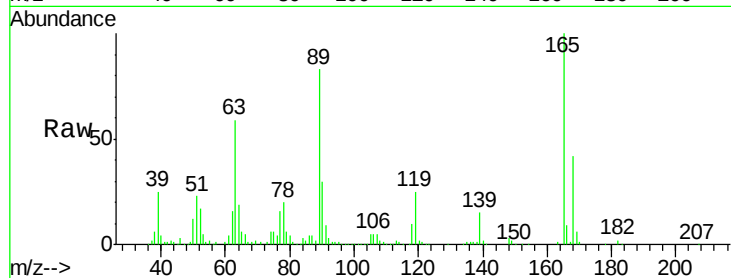
Ion Ratio Lower Upper

165 100

63 58.6 40.2 60.4

89 83.0 62.5 93.7

182 2.2 1.8 2.8

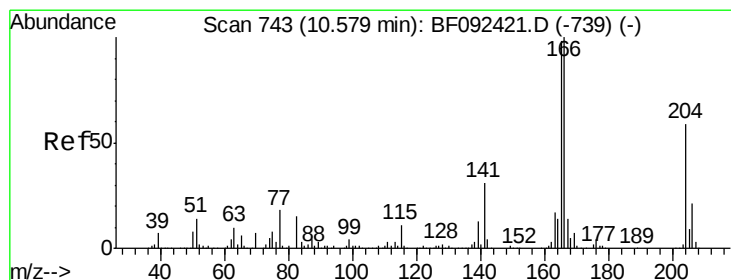
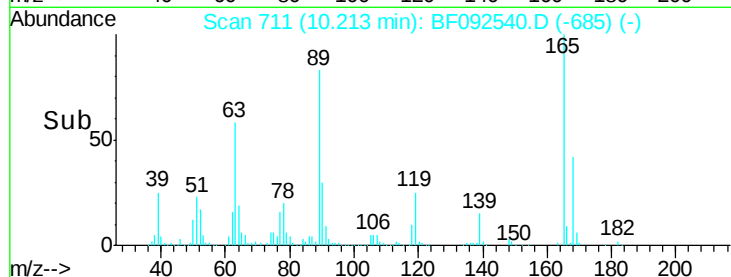
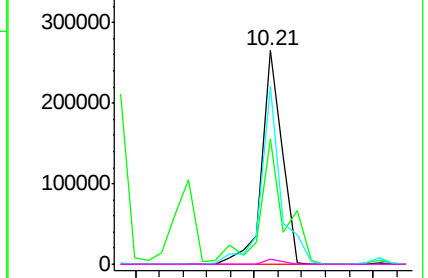


Abundance Ion 165.00 (164.70 to 165.70): E

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: 54.51 ng

RT: 10.58 min Scan# 743

Delta R.T. 0.00 min

Lab File: BF092540.D

Acq: 26 Jan 2017 22:20

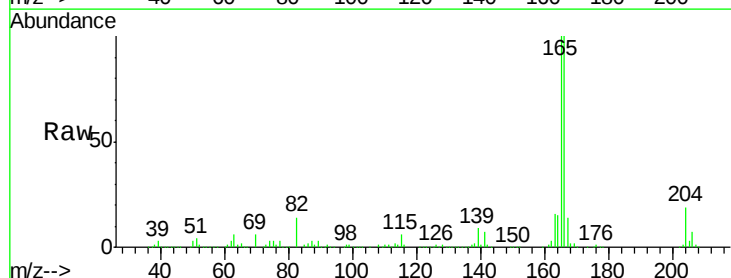
Tgt Ion:166 Resp: 915874

Ion Ratio Lower Upper

166 100

165 100.2 77.8 116.8

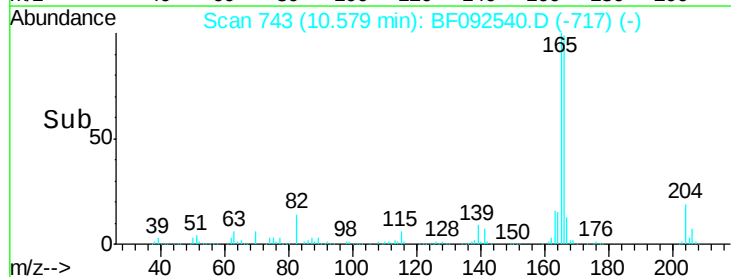
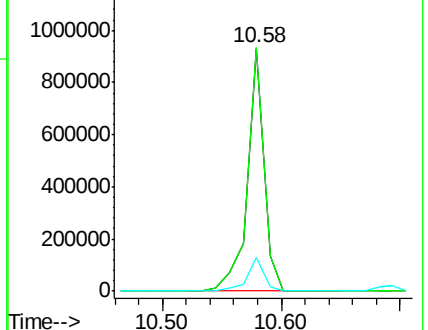
167 13.6 10.8 16.2

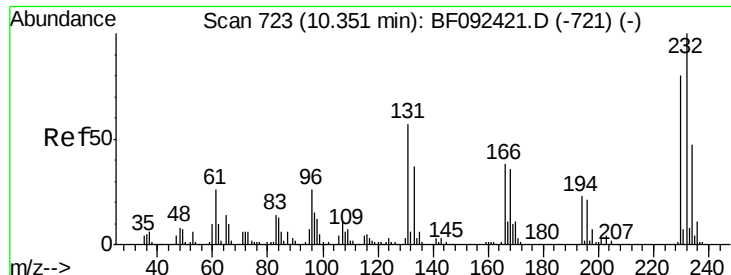


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

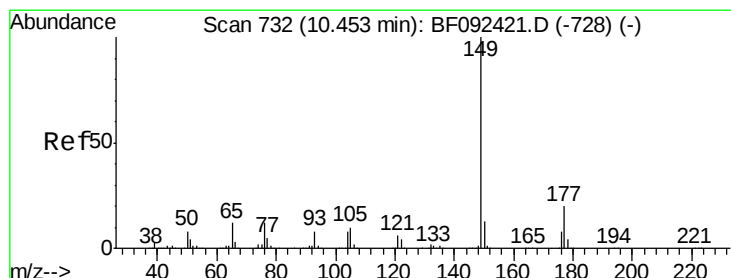
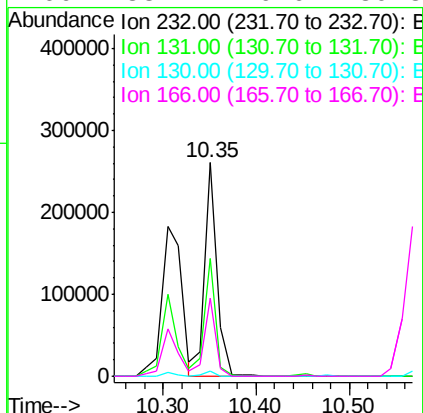
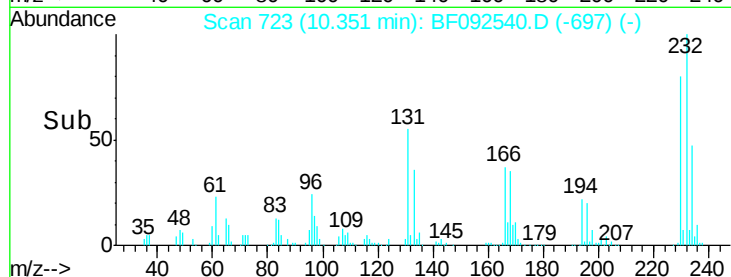
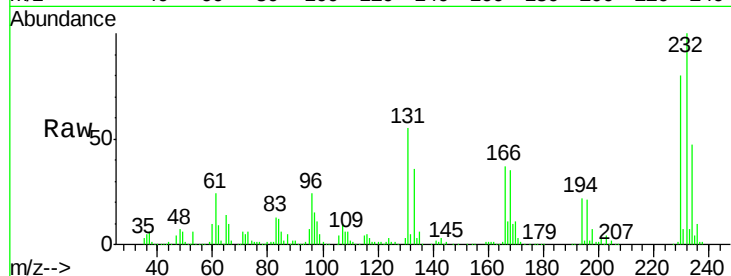




#58
 2,3,4,6-Tetrachlorophenol
 Concen: 59.78 ng
 RT: 10.35 min Scan# 723
 Delta R.T. 0.00 min
 Lab File: BF092540.D
 Acq: 26 Jan 2017 22:20

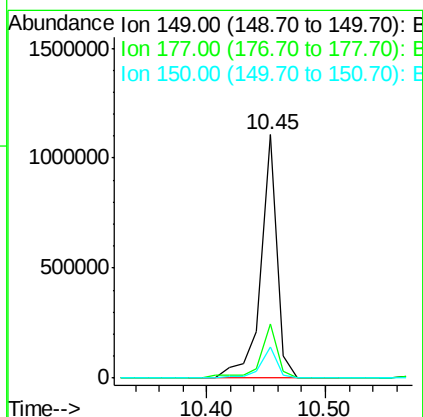
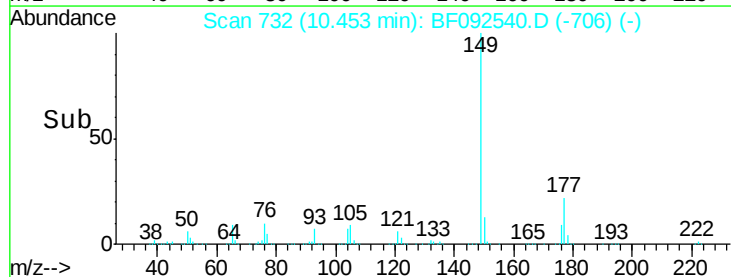
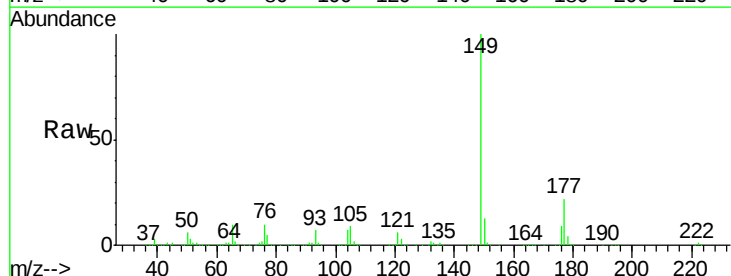
Instrument :
 BNA_F
 ClientSampleId :
 CHA-WCS-012317-1(0-70)MSD

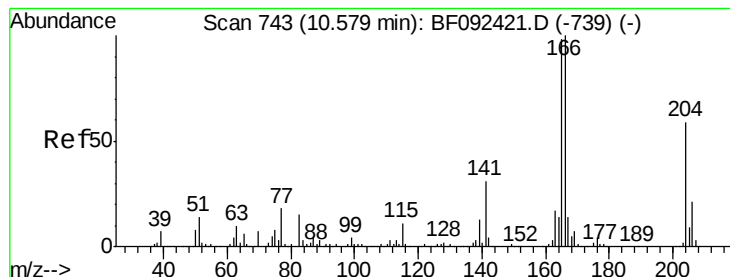
Tgt Ion	Ratio	Lower	Upper
232	100		
131	50.1	40.1	60.1
130	2.4	1.8	2.8
166	33.7	26.6	39.8



#59
 Diethylphthalate
 Concen: 55.93 ng
 RT: 10.45 min Scan# 732
 Delta R.T. 0.00 min
 Lab File: BF092540.D
 Acq: 26 Jan 2017 22:20

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.4	16.6	25.0
150	12.7	10.4	15.6





#60

4-Chlorophenyl-phenylether

Concen: 52.71 ng

RT: 10.57 min Scan# 742

Delta R.T. -0.01 min

Lab File: BF092540.D

Acq: 26 Jan 2017 22:20

Instrument :

BNA_F

ClientSampleId :

CHA-WCS-012317-1(0-70)MSD

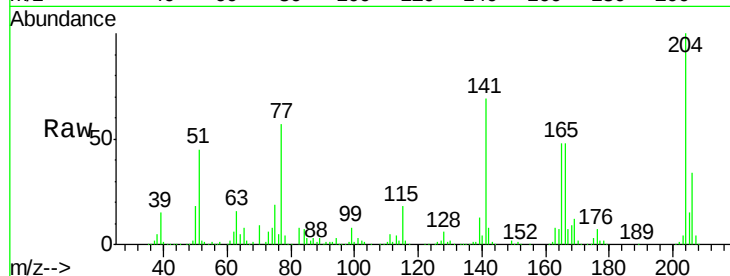
Tgt Ion:204 Resp: 429575

Ion Ratio Lower Upper

204 100

206 33.6 25.8 38.6

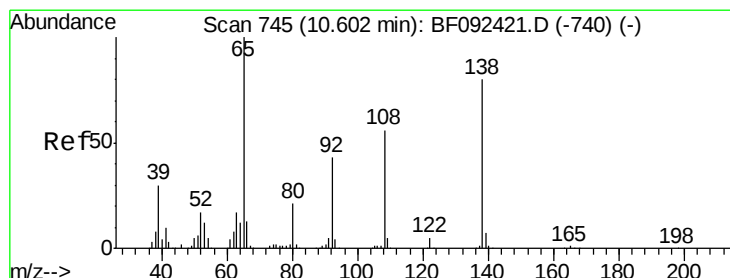
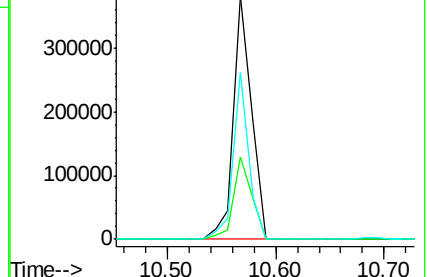
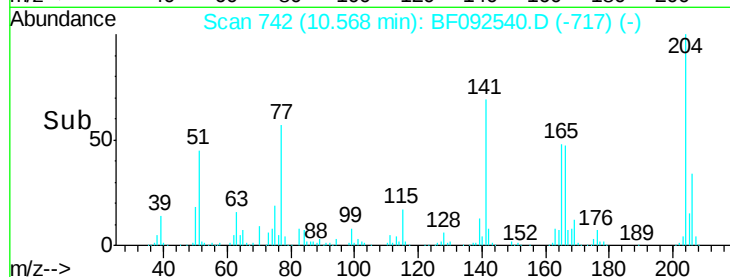
141 68.7 59.4 89.0



Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#61

4-Nitroaniline

Concen: 14.72 ng

RT: 10.59 min Scan# 744

Delta R.T. -0.01 min

Lab File: BF092540.D

Acq: 26 Jan 2017 22:20

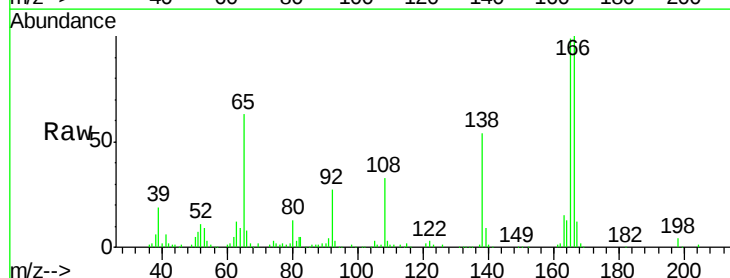
Tgt Ion:138 Resp: 74337

Ion Ratio Lower Upper

138 100

92 49.4 31.7 71.7

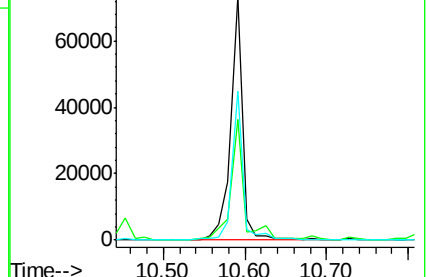
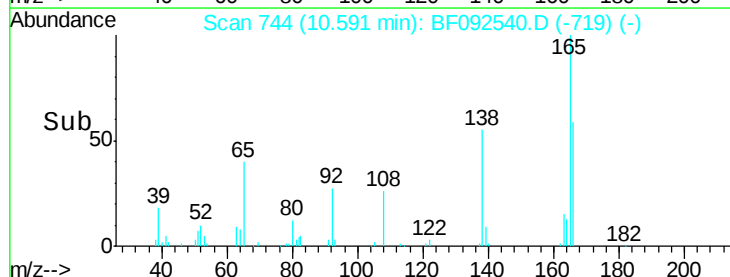
108 61.1 52.6 92.6

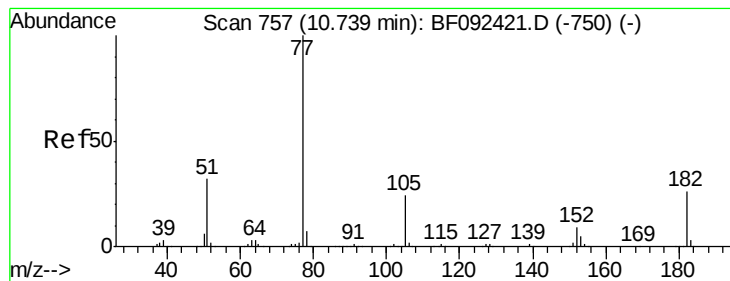


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E





#62

Azobenzene

Concen: 37.88 ng

RT: 10.73 min Scan# 756

Delta R.T. -0.01 min

Lab File: BF092540.D

Acq: 26 Jan 2017 22:20

Instrument :

BNA_F

ClientSampleId :

CHA-WCS-012317-1(0-70)MSD

Tgt Ion: 77 Resp: 815280

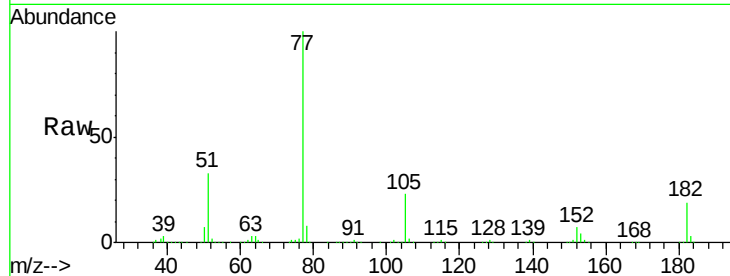
Ion Ratio Lower Upper

77 100

182 18.9 0.0 39.3

105 23.0 2.3 42.3

51 33.0 8.9 48.9

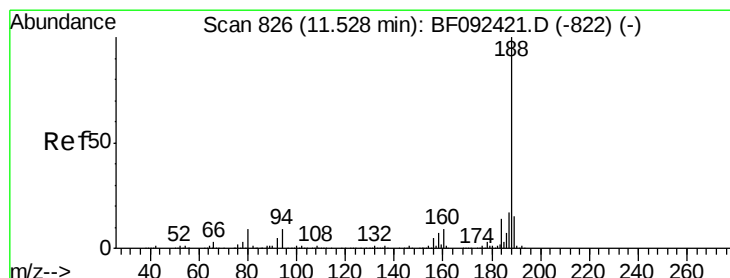
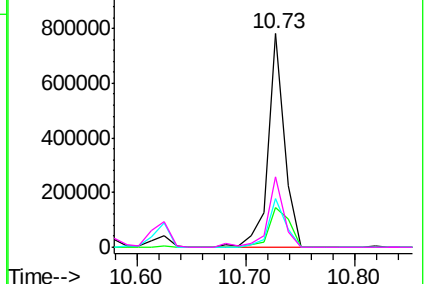
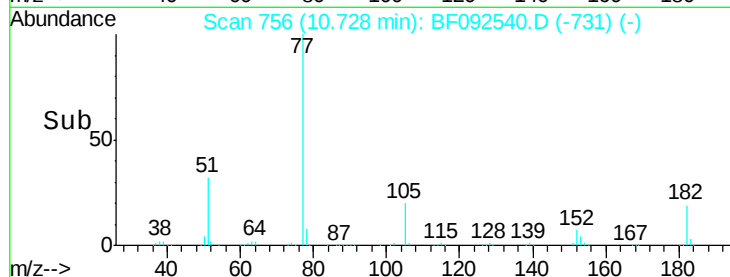


Abundance Ion 77.00 (76.70 to 77.70): BF0

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: 11.52 min Scan# 825

Delta R.T. -0.01 min

Lab File: BF092540.D

Acq: 26 Jan 2017 22:20

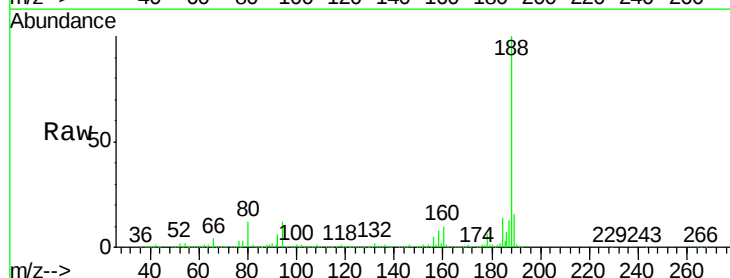
Tgt Ion: 188 Resp: 590981

Ion Ratio Lower Upper

188 100

94 11.6 10.0 15.0

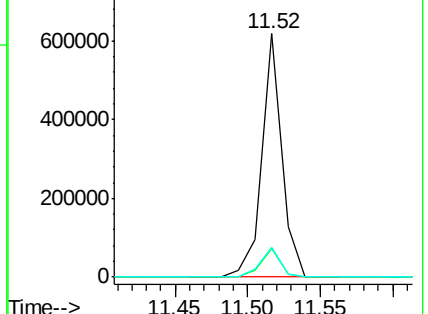
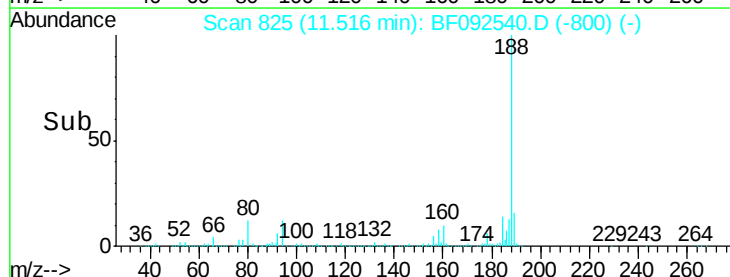
80 12.4 11.2 16.8

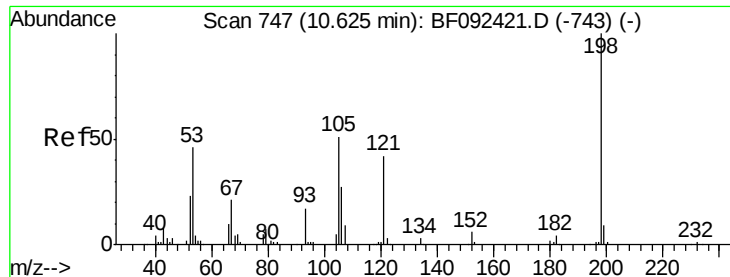


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

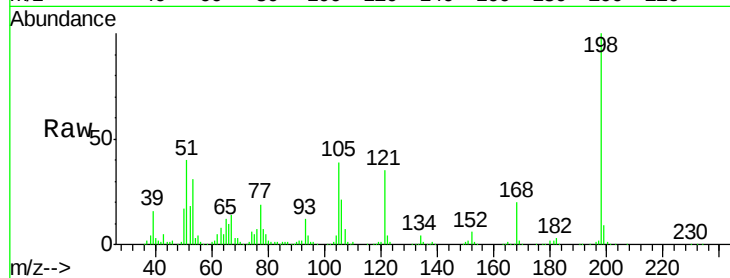




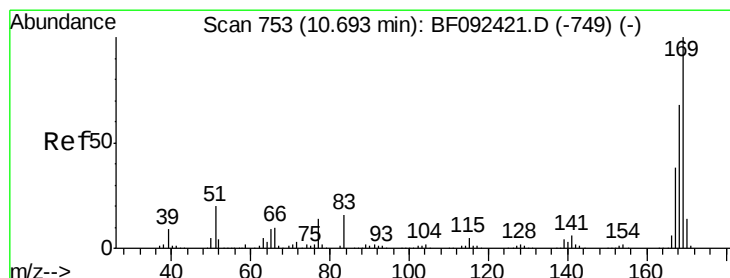
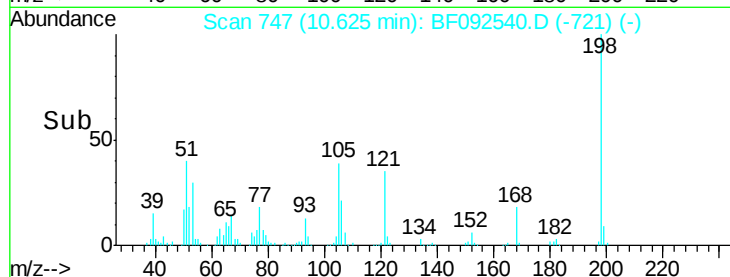
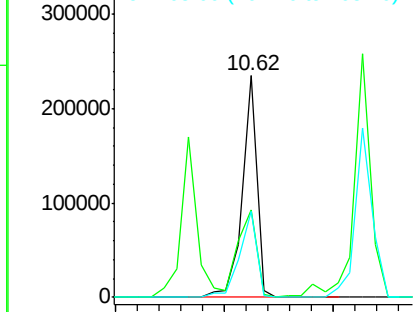
#64
 4,6-Dinitro-2-methylphenol
 Concen: 65.59 ng
 RT: 10.62 min Scan# 747
 Delta R.T. 0.00 min
 Lab File: BF092540.D
 Acq: 26 Jan 2017 22:20

Instrument :
 BNA_F
 ClientSampleId :
 CHA-WCS-012317-1(0-70)MSD

Tgt Ion:198 Resp: 215324
 Ion Ratio Lower Upper
 198 100
 51 39.5 6.7 46.7
 105 38.8 16.6 56.6

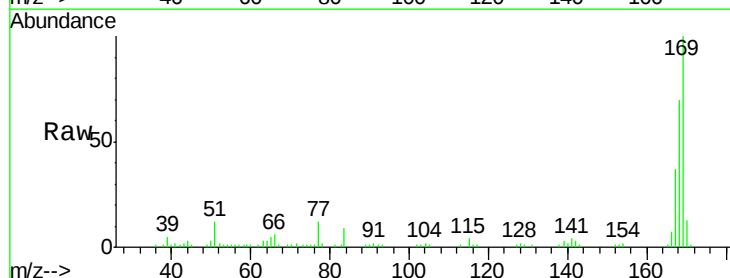


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF0
 Ion 105.00 (104.70 to 105.70): E

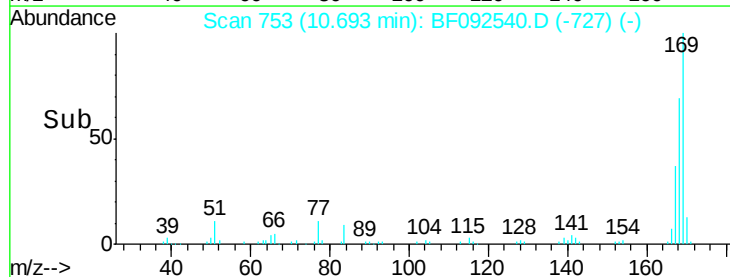
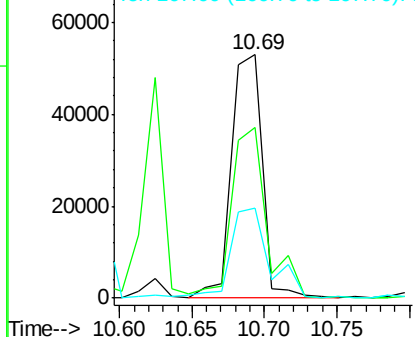


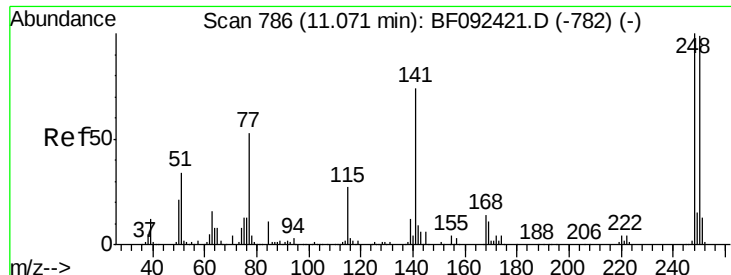
#65
 n-Nitrosodiphenylamine
 Concen: 4.25 ng
 RT: 10.69 min Scan# 753
 Delta R.T. 0.00 min
 Lab File: BF092540.D
 Acq: 26 Jan 2017 22:20

Tgt Ion:169 Resp: 78512
 Ion Ratio Lower Upper
 169 100
 168 69.9 54.2 81.2
 167 36.9 30.2 45.4



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

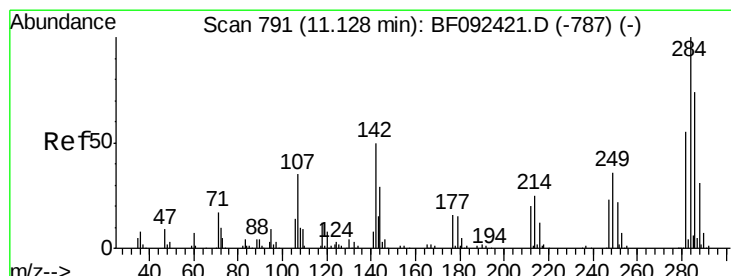
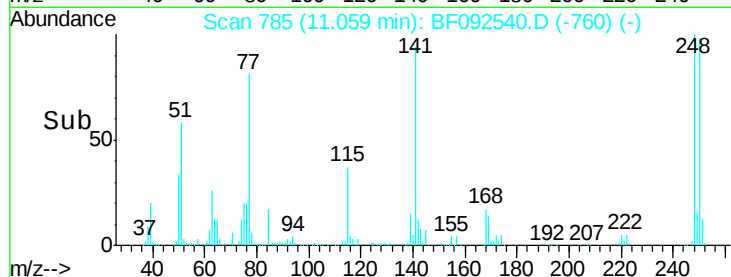
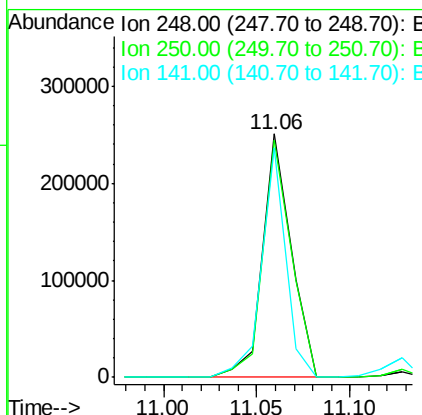
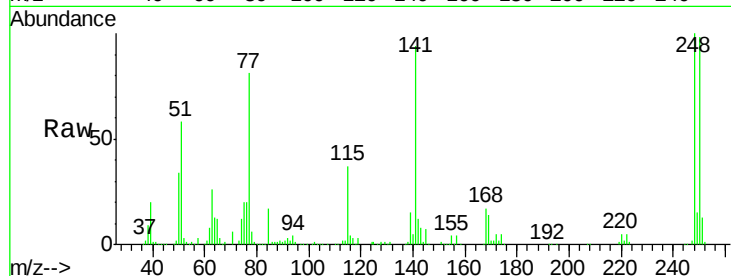




#66
4-Bromophenyl-phenylether
Concen: 44.52 ng
RT: 11.06 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF092540.D
Acq: 26 Jan 2017 22:20

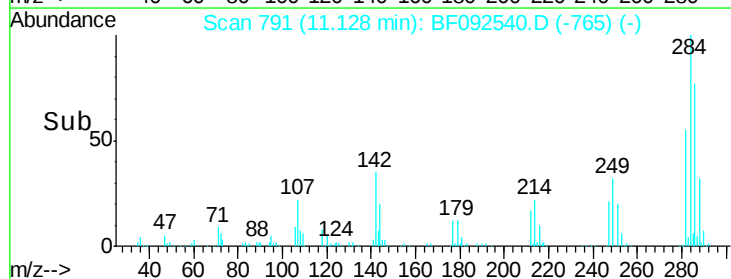
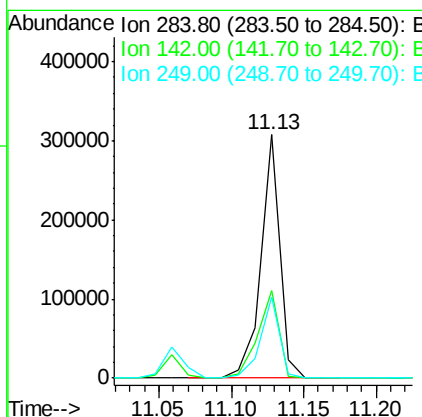
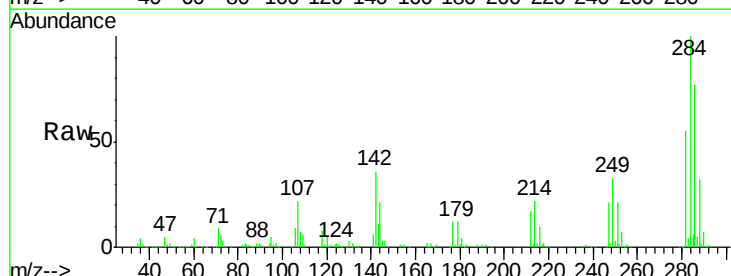
Instrument :
BNA_F
ClientSampleId :
CHA-WCS-012317-1(0-70)MSD

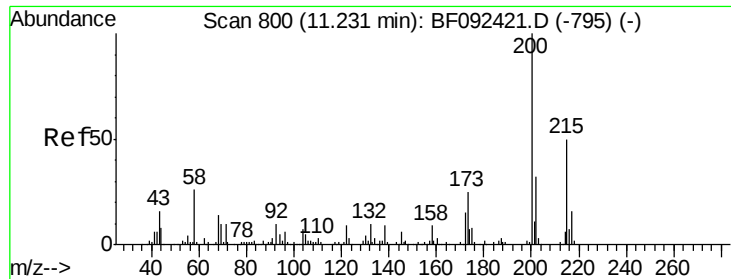
Tgt Ion:248 Resp: 265675
Ion Ratio Lower Upper
248 100
250 97.6 76.9 115.3
141 94.5 68.2 102.4



#67
Hexachlorobenzene
Concen: 46.14 ng
RT: 11.13 min Scan# 791
Delta R.T. 0.00 min
Lab File: BF092540.D
Acq: 26 Jan 2017 22:20

Tgt Ion:284 Resp: 278289
Ion Ratio Lower Upper
284 100
142 35.8 22.6 33.8#
249 33.2 25.4 38.0

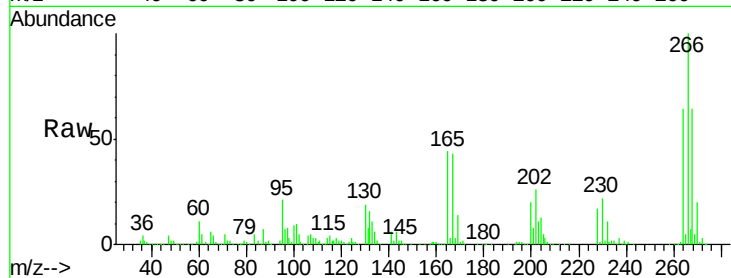




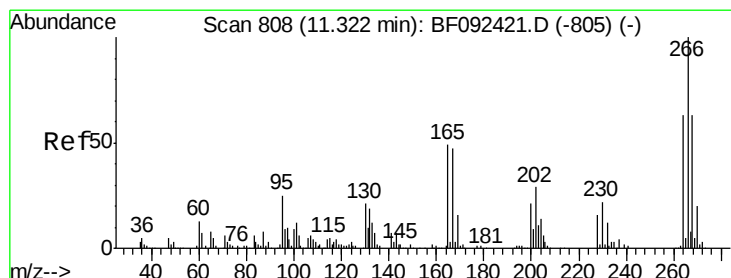
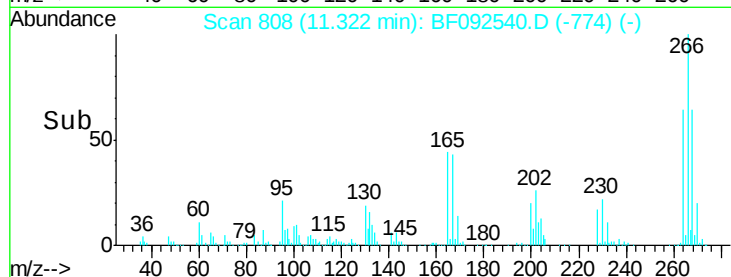
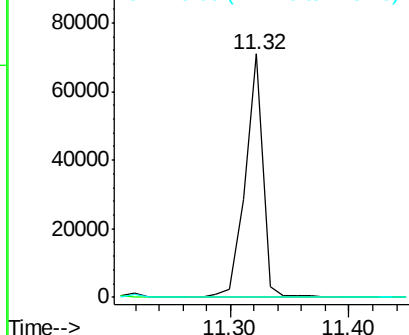
#68
Atrazine
Concen: 11.65 ng
RT: 11.32 min Scan# 808
Delta R.T. 0.09 min
Lab File: BF092540.D
Acq: 26 Jan 2017 22:20

Instrument :
BNA_F
ClientSampleId :
CHA-WCS-012317-1(0-70)MSD

Tgt Ion:200 Resp: 73581
Ion Ratio Lower Upper
200 100
173 0.0 9.6 49.6#
215 0.0 25.7 65.7#

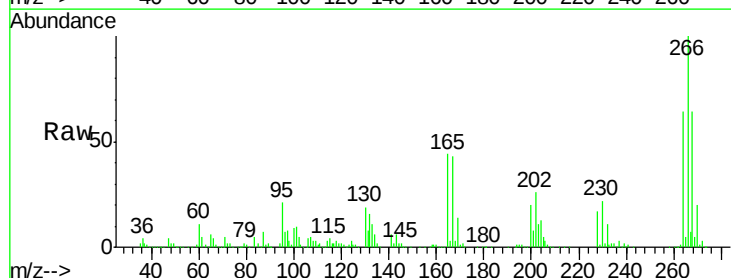


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

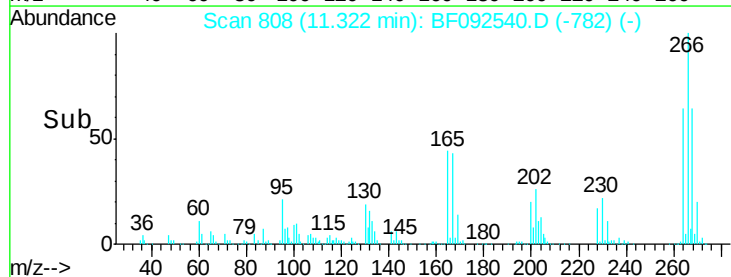
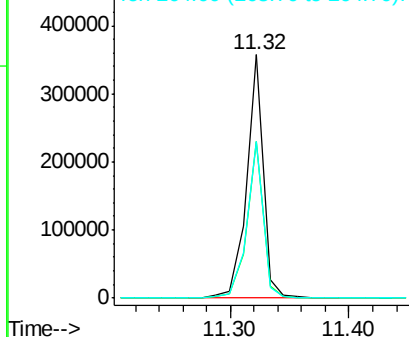


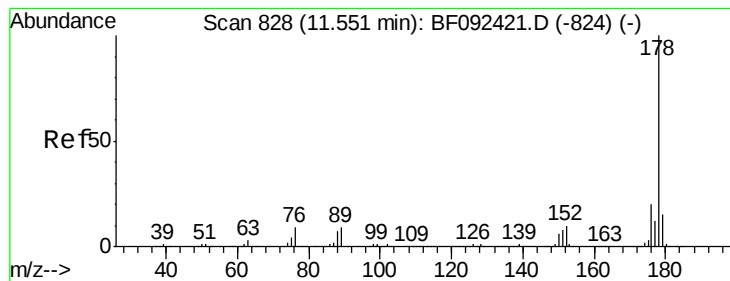
#69
Pentachlorophenol
Concen: 91.47 ng
RT: 11.32 min Scan# 808
Delta R.T. 0.00 min
Lab File: BF092540.D
Acq: 26 Jan 2017 22:20

Tgt Ion:266 Resp: 352725
Ion Ratio Lower Upper
266 100
268 64.3 53.3 79.9
264 64.5 50.3 75.5



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: 43.40 ng

RT: 11.54 min Scan# 827

Delta R.T. -0.01 min

Lab File: BF092540.D

Acq: 26 Jan 2017 22:20

Instrument :

BNA_F

ClientSampleId :

CHA-WCS-012317-1(0-70)MSD

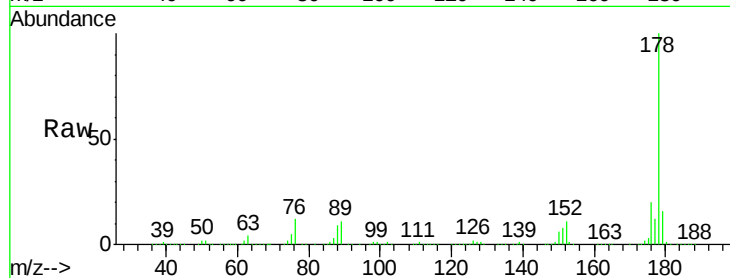
Tgt Ion:178 Resp: 1412368

Ion Ratio Lower Upper

178 100

176 20.1 16.6 25.0

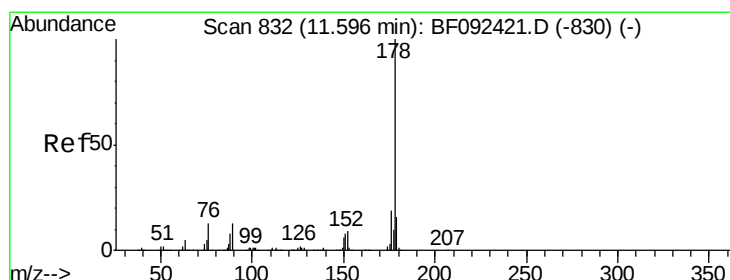
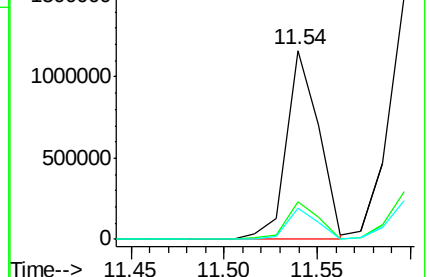
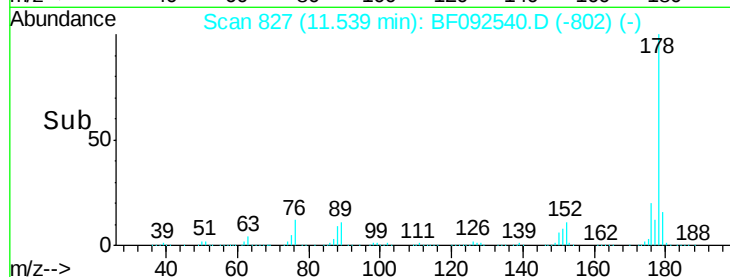
179 16.2 12.8 19.2



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#71

Anthracene

Concen: 44.96 ng

RT: 11.60 min Scan# 832

Delta R.T. 0.00 min

Lab File: BF092540.D

Acq: 26 Jan 2017 22:20

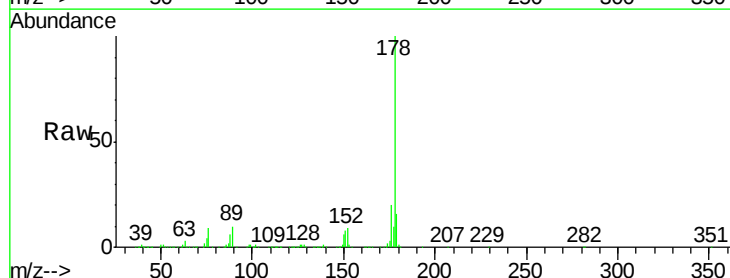
Tgt Ion:178 Resp: 1429922

Ion Ratio Lower Upper

178 100

176 19.7 15.9 23.9

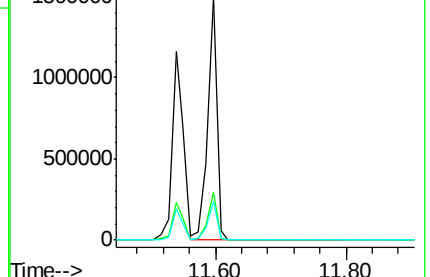
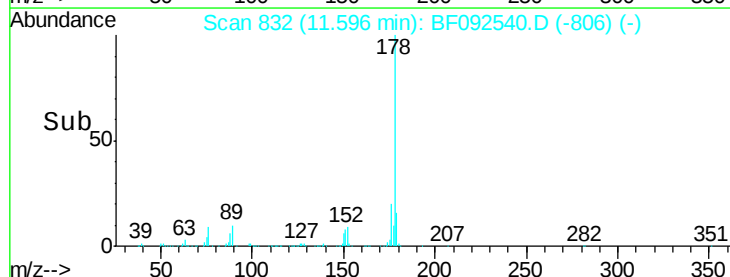
179 15.9 13.2 19.8

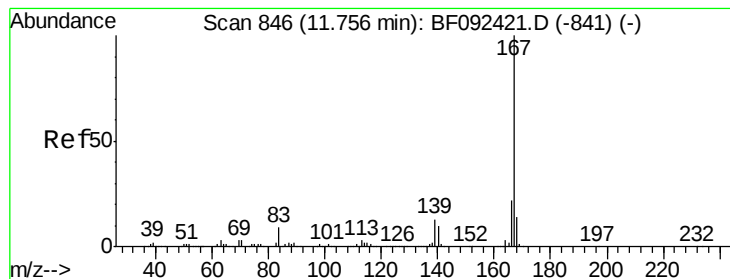


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#72

Carbazole

Concen: 3.01 ng

RT: 11.74 min Scan# 845

Delta R.T. -0.01 min

Lab File: BF092540.D

Acq: 26 Jan 2017 22:20

Instrument :

BNA_F

ClientSampleId :

CHA-WCS-012317-1(0-70)MSD

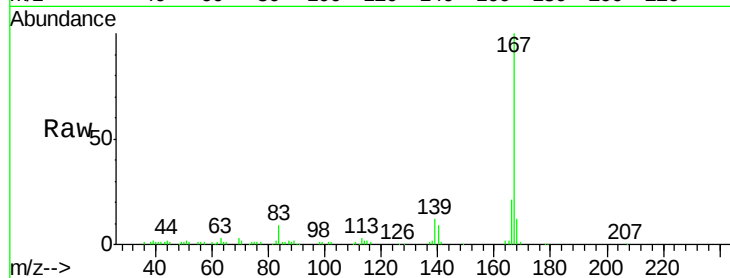
Tgt Ion:167 Resp: 91454

Ion Ratio Lower Upper

167 100

166 21.3 18.2 27.2

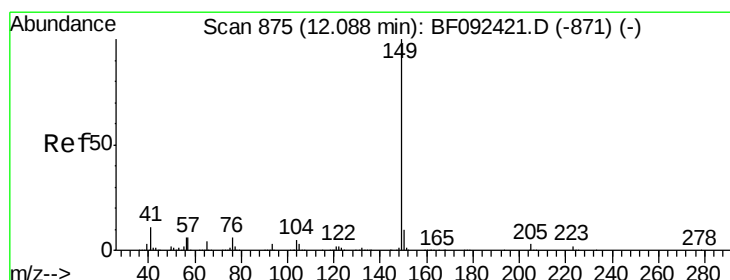
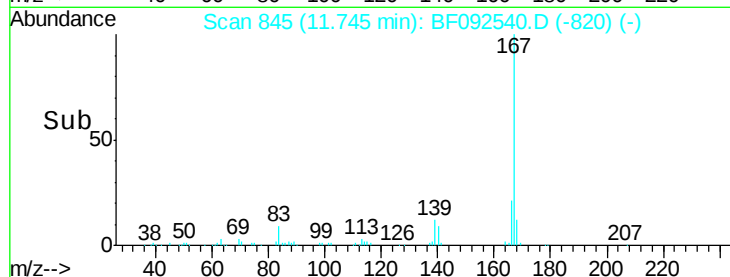
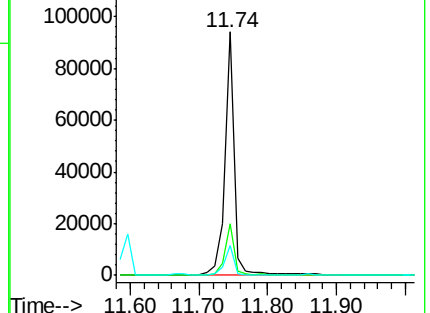
139 12.3 11.4 17.2



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#73

Di-n-butylphthalate

Concen: 47.42 ng

RT: 12.08 min Scan# 874

Delta R.T. -0.01 min

Lab File: BF092540.D

Acq: 26 Jan 2017 22:20

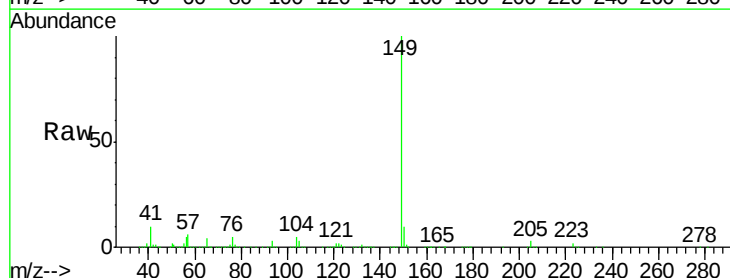
Tgt Ion:149 Resp: 1646817

Ion Ratio Lower Upper

149 100

150 9.5 8.1 12.1

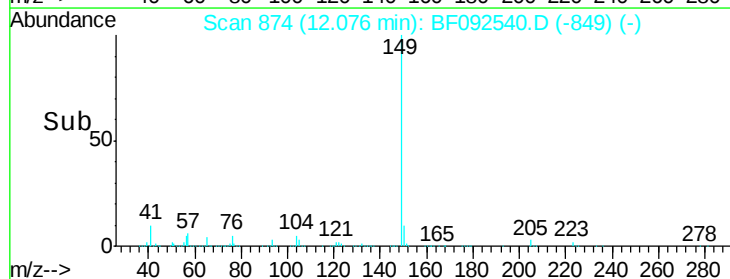
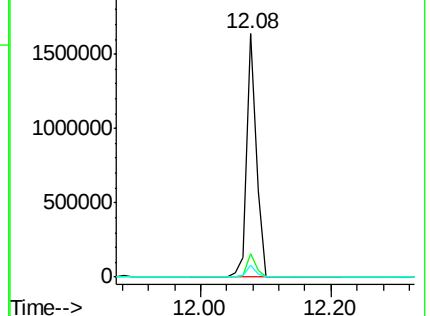
104 4.7 4.6 7.0

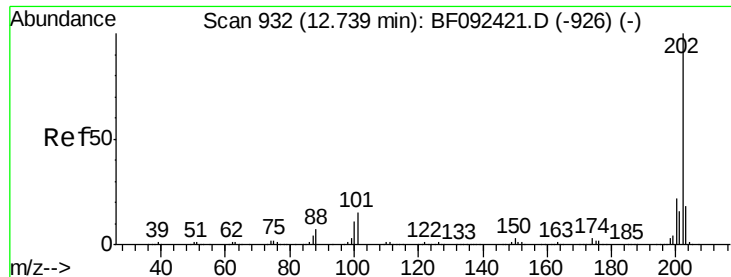


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

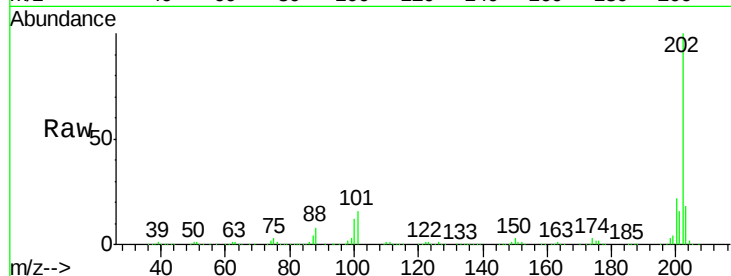




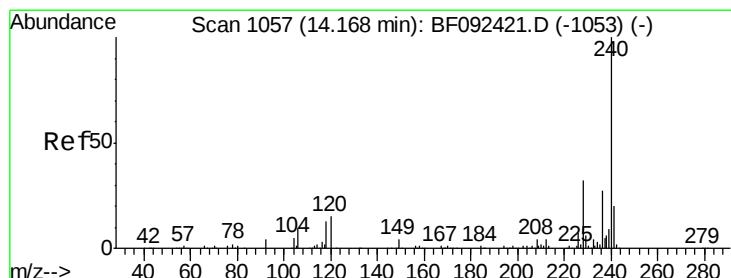
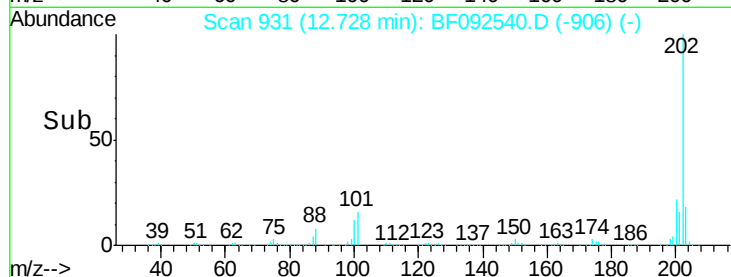
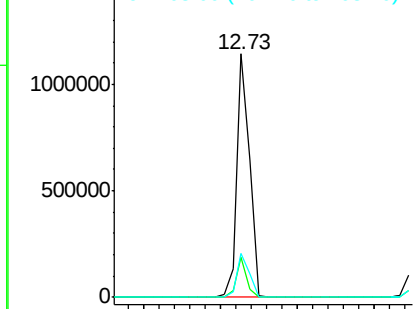
#74
 Fluoranthene
 Concen: 42.34 ng
 RT: 12.73 min Scan# 931
 Delta R.T. -0.01 min
 Lab File: BF092540.D
 Acq: 26 Jan 2017 22:20

Instrument :
 BNA_F
 ClientSampleId :
 CHA-WCS-012317-1(0-70)MSD

Tgt Ion: 202 Resp: 1347681
 Ion Ratio Lower Upper
 202 100
 101 16.3 0.0 34.6
 203 18.3 0.0 38.7

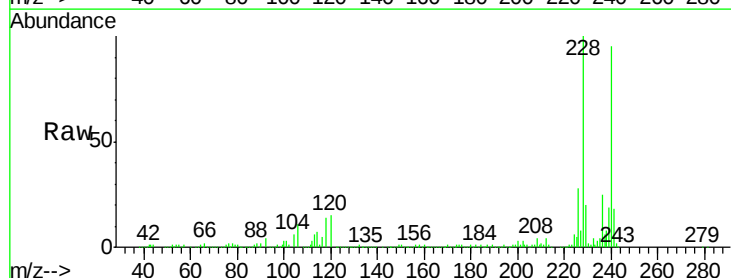


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

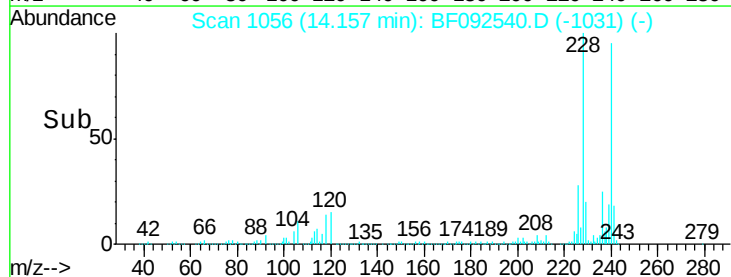
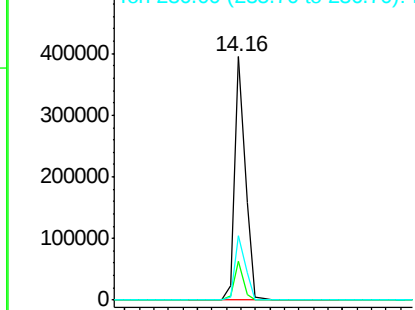


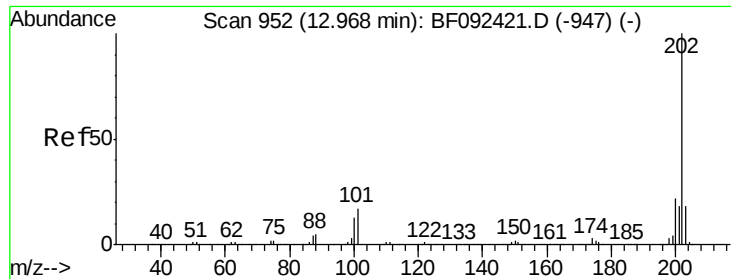
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.16 min Scan# 1056
 Delta R.T. -0.01 min
 Lab File: BF092540.D
 Acq: 26 Jan 2017 22:20

Tgt Ion: 240 Resp: 404072
 Ion Ratio Lower Upper
 240 100
 120 16.0 12.9 19.3
 236 26.6 20.9 31.3



Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E





#77

Pyrene

Concen: 29.77 ng

RT: 12.96 min Scan# 951

Delta R.T. -0.01 min

Lab File: BF092540.D

Acq: 26 Jan 2017 22:20

Instrument :

BNA_F

ClientSampleId :

CHA-WCS-012317-1(0-70)MSD

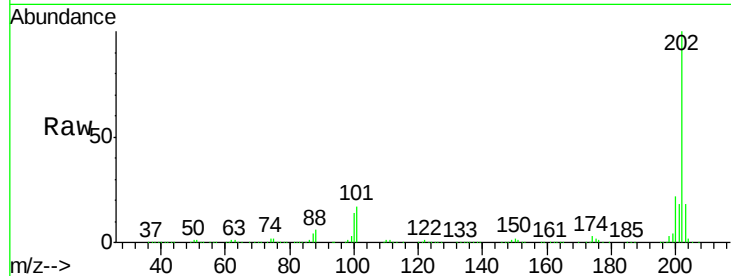
Tgt Ion:202 Resp: 871654

Ion Ratio Lower Upper

202 100

200 22.1 17.7 26.5

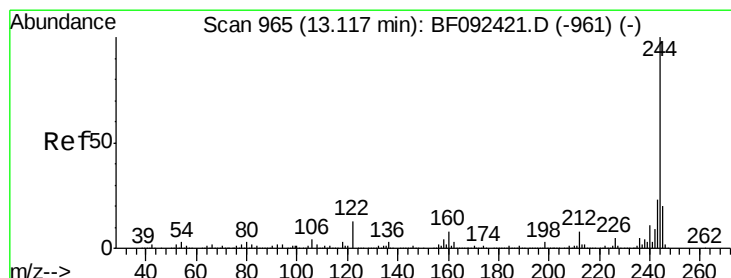
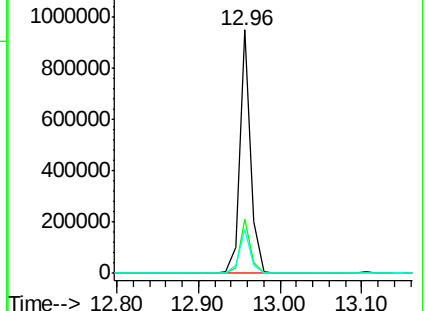
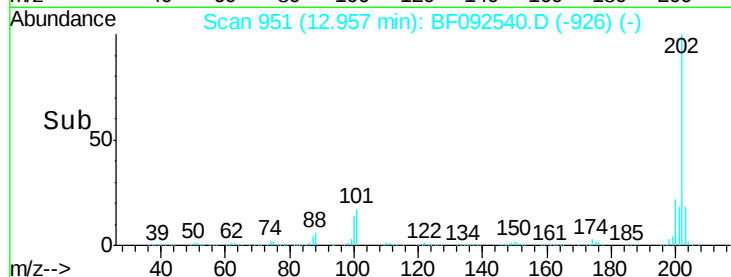
203 18.0 14.7 22.1



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 103.43 ng

RT: 13.11 min Scan# 964

Delta R.T. -0.01 min

Lab File: BF092540.D

Acq: 26 Jan 2017 22:20

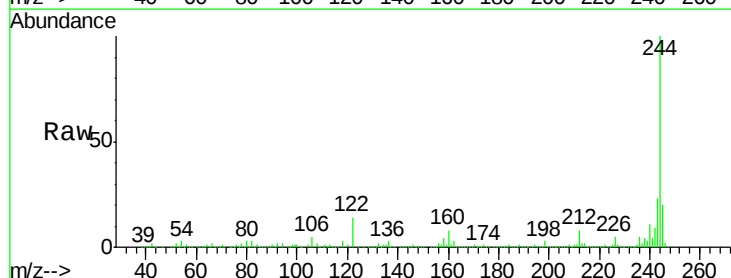
Tgt Ion:244 Resp: 1569450

Ion Ratio Lower Upper

244 100

212 8.1 6.2 9.2

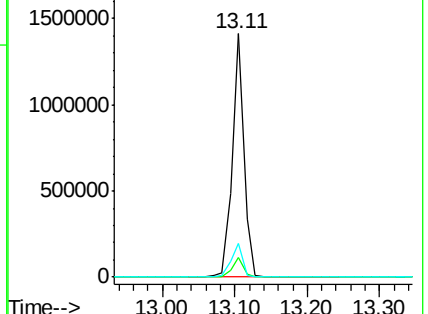
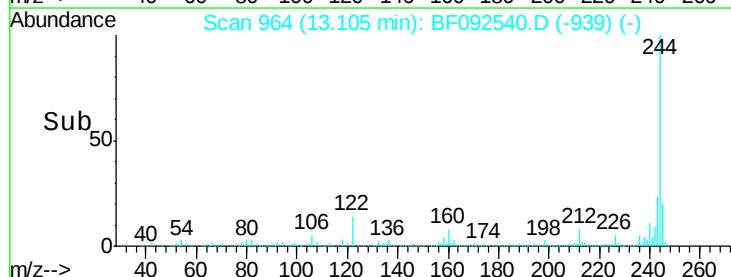
122 13.6 11.4 17.2

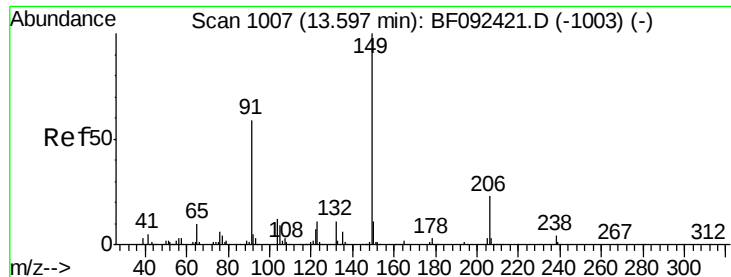


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

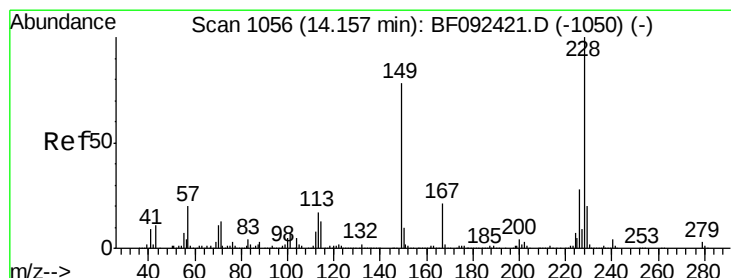
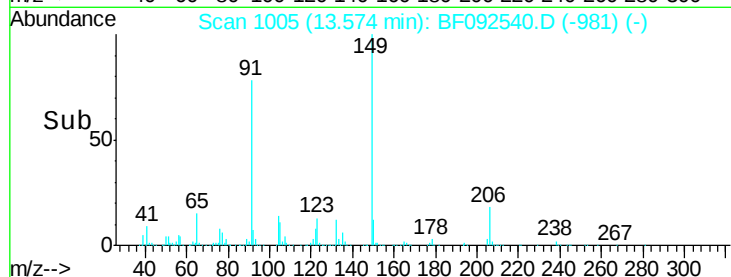
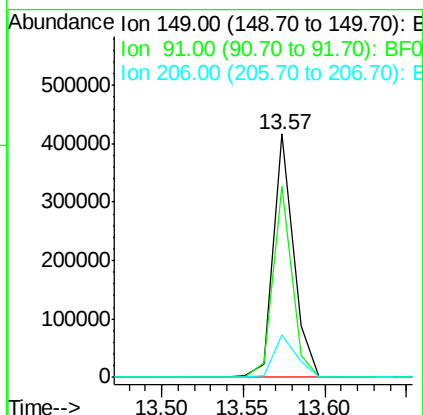
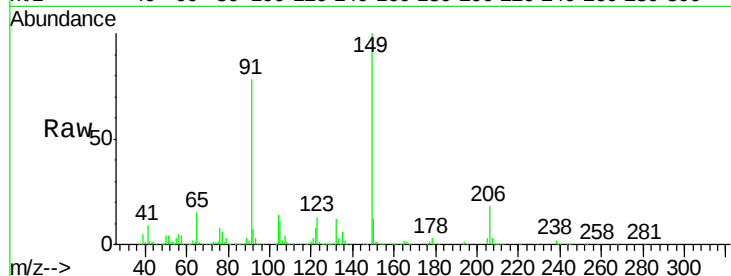




#79
Butylbenzylphthalate
Concen: 30.77 ng
RT: 13.57 min Scan# 1005
Delta R.T. -0.02 min
Lab File: BF092540.D
Acq: 26 Jan 2017 22:20

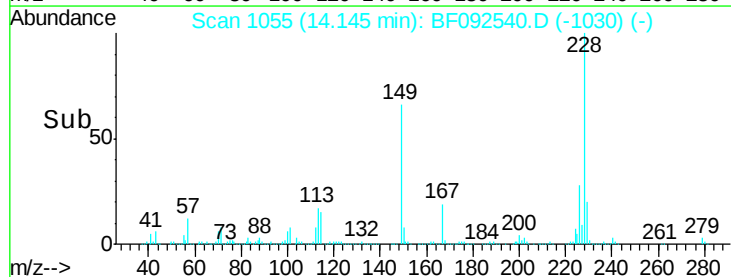
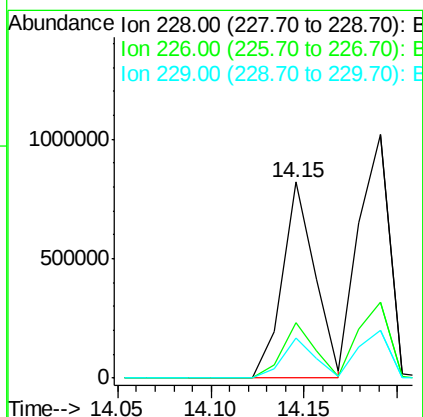
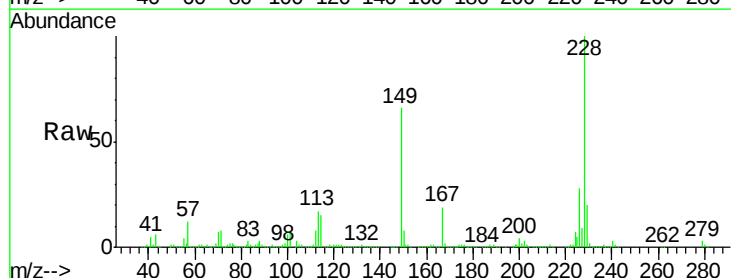
Instrument :
BNA_F
ClientSampleId :
CHA-WCS-012317-1(0-70)MSD

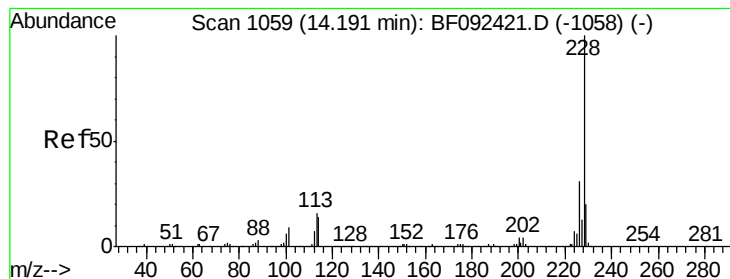
Tgt Ion:149 Resp: 365023
Ion Ratio Lower Upper
149 100
91 78.4 63.9 95.9
206 17.5 14.6 21.8



#80
Benzo(a)anthracene
Concen: 46.23 ng
RT: 14.15 min Scan# 1055
Delta R.T. -0.01 min
Lab File: BF092540.D
Acq: 26 Jan 2017 22:20

Tgt Ion:228 Resp: 1004028
Ion Ratio Lower Upper
228 100
226 28.4 22.4 33.6
229 20.5 16.2 24.4





#82

Chrysene

Concen: 50.66 ng

RT: 14.19 min Scan# 1059

Delta R.T. 0.00 min

Lab File: BF092540.D

Acq: 26 Jan 2017 22:20

Instrument :

BNA_F

ClientSampleId :

CHA-WCS-012317-1(0-70)MSD

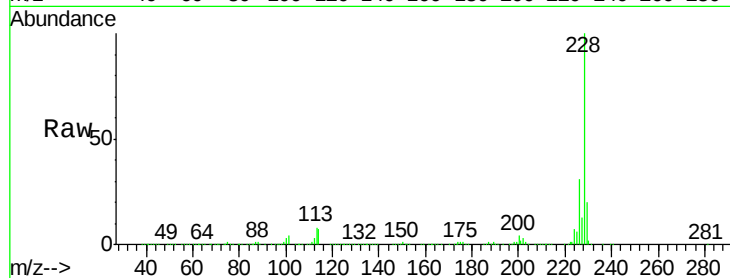
Tgt Ion:228 Resp: 1174943

Ion Ratio Lower Upper

228 100

226 31.1 25.4 38.0

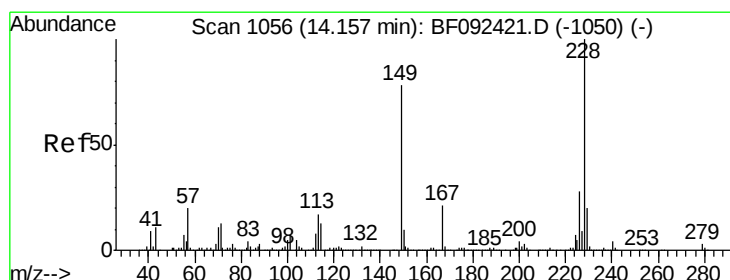
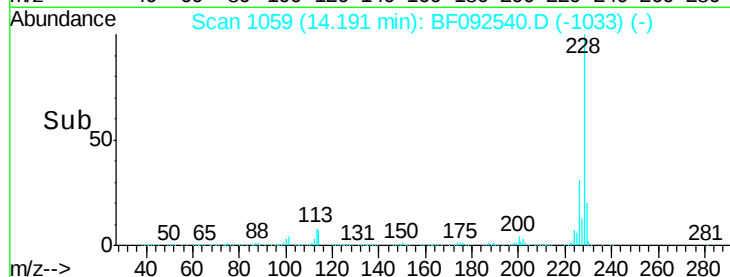
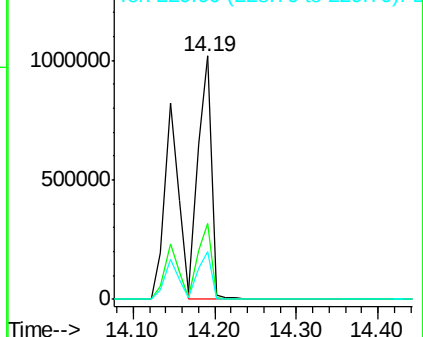
229 19.7 16.2 24.2



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#83

Bis(2-ethylhexyl)phthalate

Concen: 64.09 ng

RT: 14.13 min Scan# 1054

Delta R.T. -0.02 min

Lab File: BF092540.D

Acq: 26 Jan 2017 22:20

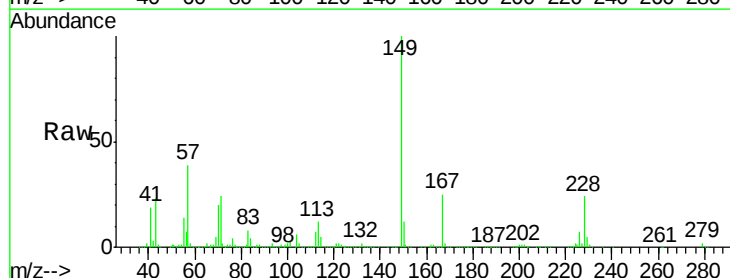
Tgt Ion:149 Resp: 957378

Ion Ratio Lower Upper

149 100

167 25.3 20.2 30.4

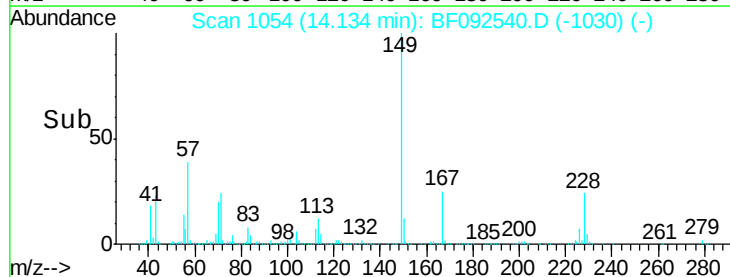
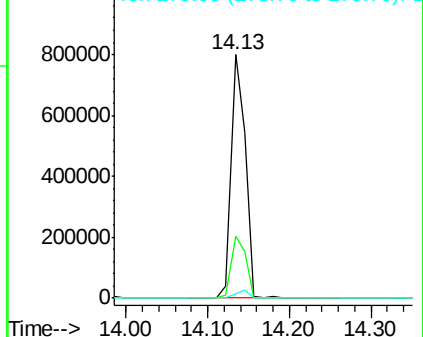
279 2.0 1.8 2.8

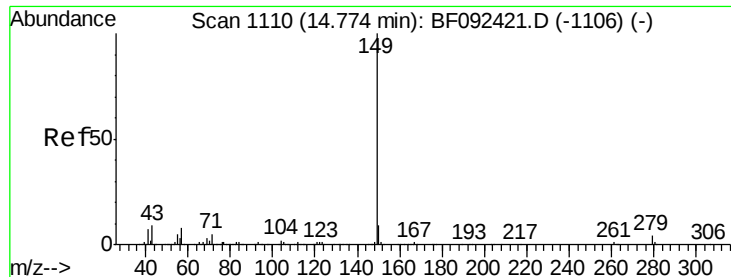


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

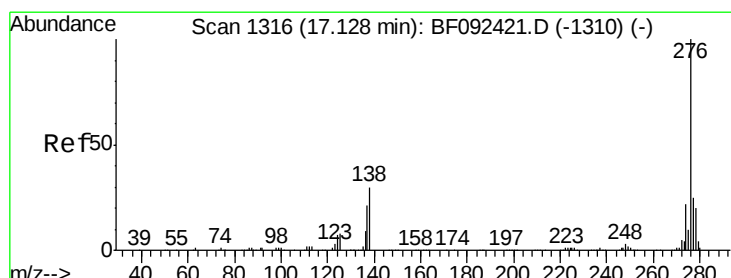
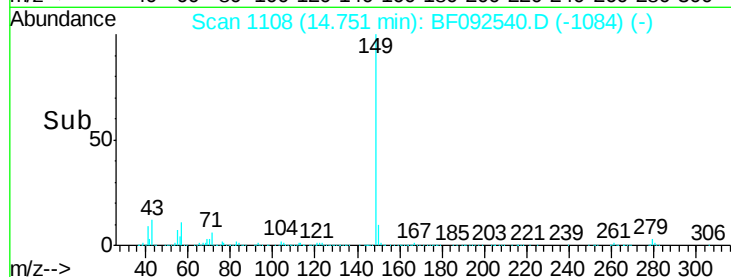
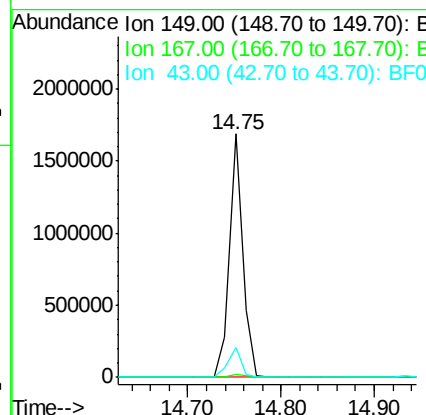
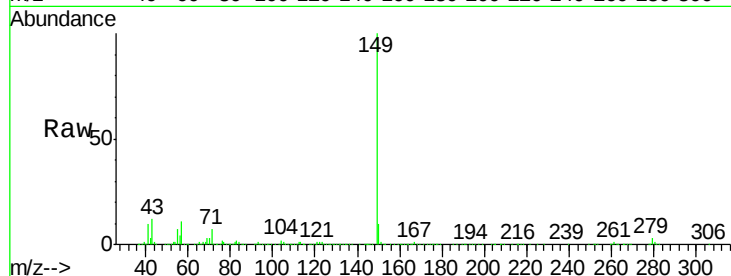




#84
Di-n-octyl phthalate
Concen: 61.87 ng
RT: 14.75 min Scan# 1108
Delta R.T. -0.02 min
Lab File: BF092540.D
Acq: 26 Jan 2017 22:20

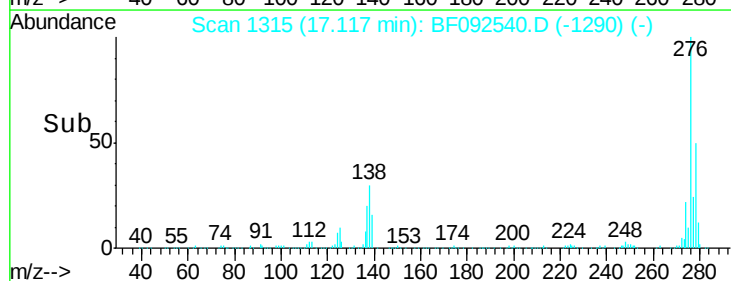
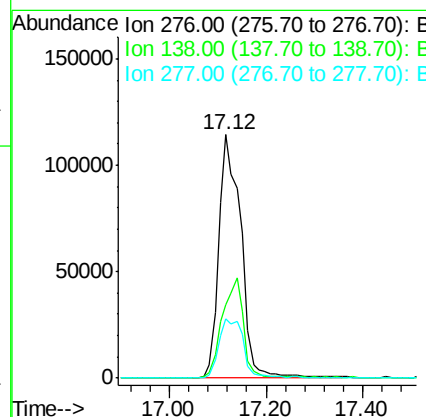
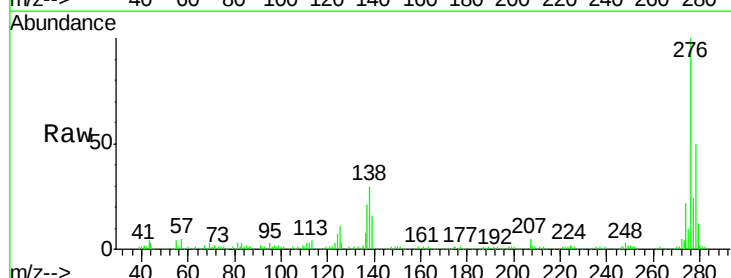
Instrument :
BNA_F
ClientSampleId :
CHA-WCS-012317-1(0-70)MSD

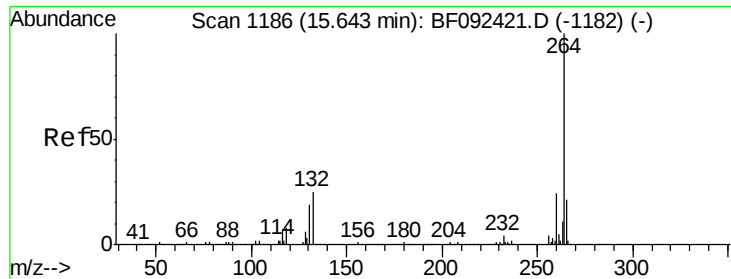
Tgt Ion:149 Resp: 1677663
Ion Ratio Lower Upper
149 100
167 1.5 1.3 1.9
43 12.0 8.9 13.3



#85
Indeno(1,2,3-cd)pyrene
Concen: 21.51 ng
RT: 17.12 min Scan# 1315
Delta R.T. -0.01 min
Lab File: BF092540.D
Acq: 26 Jan 2017 22:20

Tgt Ion:276 Resp: 369053
Ion Ratio Lower Upper
276 100
138 0.0 21.8 32.6#
277 26.7 20.2 30.4

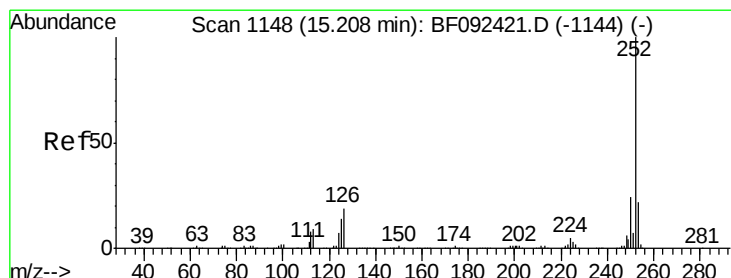
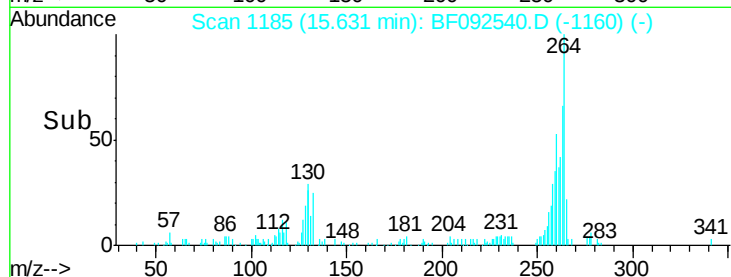
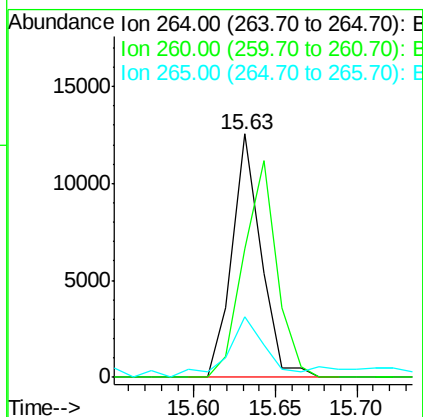
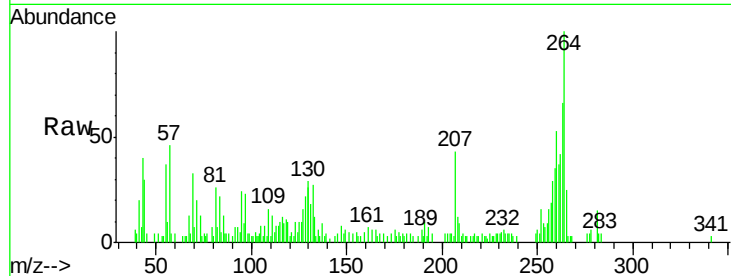




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.63 min Scan# 1185
Delta R.T. -0.01 min
Lab File: BF092540.D
Acq: 26 Jan 2017 22:20

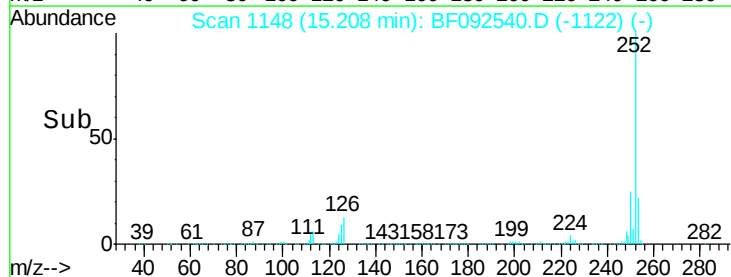
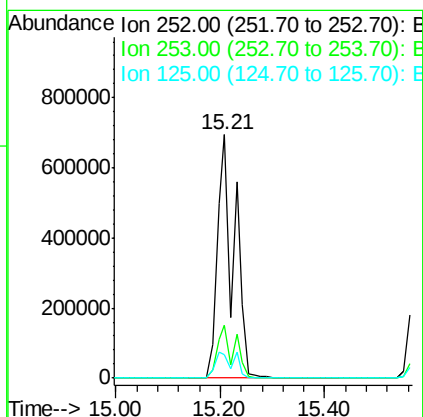
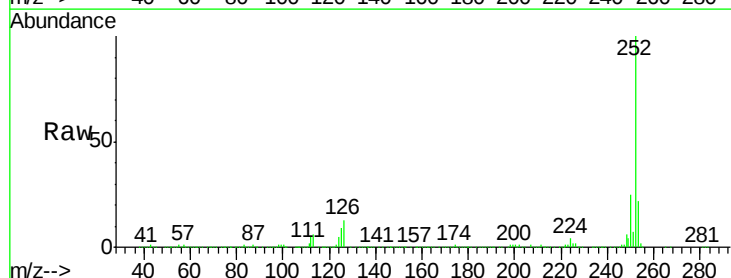
Instrument :
BNA_F
ClientSampleId :
CHA-WCS-012317-1(0-70)MSD

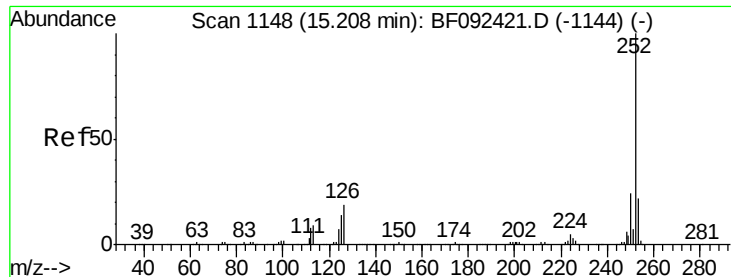
Tgt Ion:264 Resp: 15418
Ion Ratio Lower Upper
264 100
260 52.6 19.2 28.8#
265 24.7 17.4 26.0



#87
Benzo(b)fluoranthene
Concen: 1581.68 ng
RT: 15.21 min Scan# 1148
Delta R.T. 0.00 min
Lab File: BF092540.D
Acq: 26 Jan 2017 22:20

Tgt Ion:252 Resp: 1565550
Ion Ratio Lower Upper
252 100
253 22.0 18.2 27.4
125 9.5 9.8 14.6#

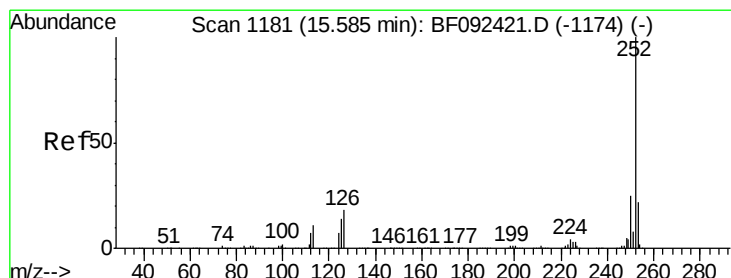
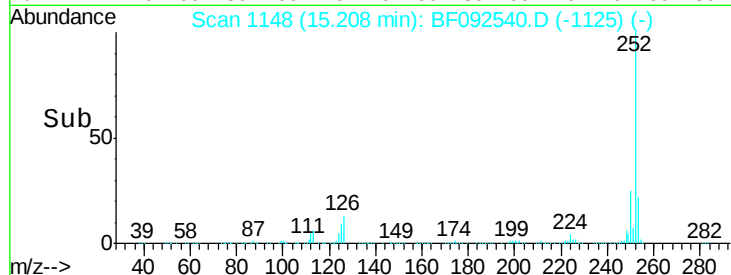
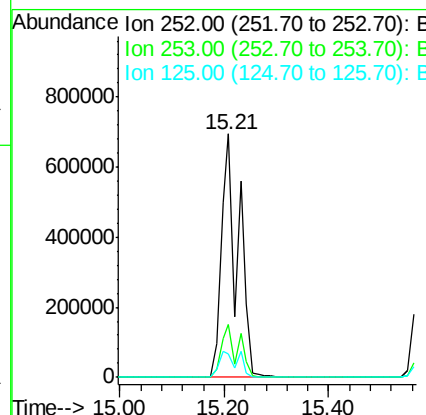
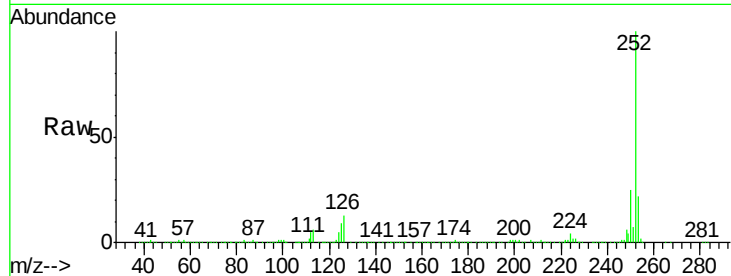




#88
Benzo(k)fluoranthene
Concen: 1902.14 ng
RT: 15.21 min Scan# 1148
Delta R.T. -0.03 min
Lab File: BF092540.D
Acq: 26 Jan 2017 22:20

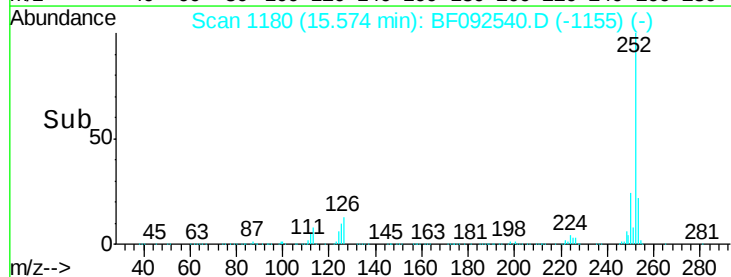
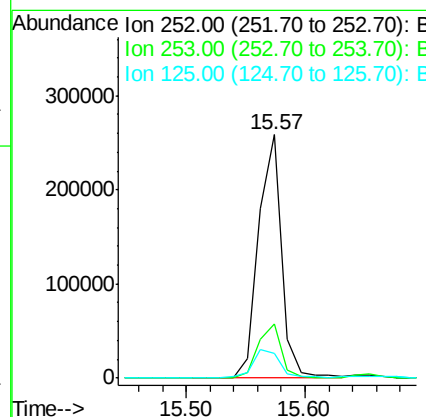
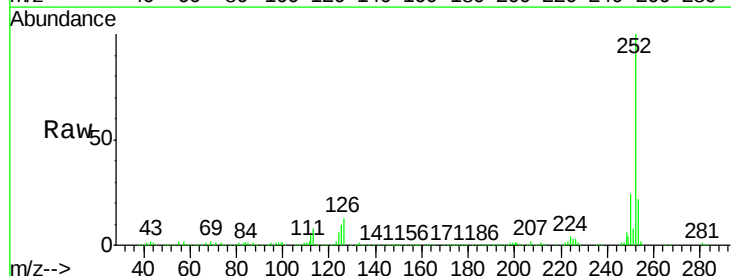
Instrument :
BNA_F
ClientSampleId :
CHA-WCS-012317-1(0-70)MSD

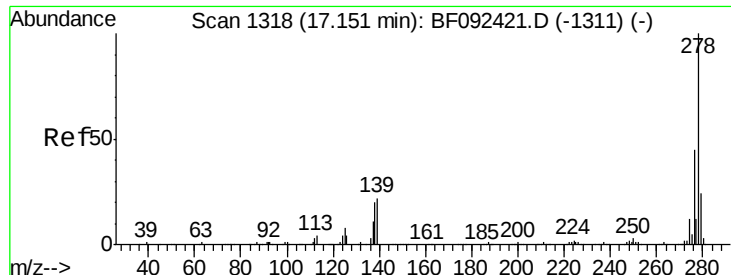
Tgt Ion:252 Resp: 1565550
Ion Ratio Lower Upper
252 100
253 22.0 18.5 27.7
125 9.5 8.9 13.3



#89
Benzo(a)pyrene
Concen: 419.53 ng
RT: 15.57 min Scan# 1180
Delta R.T. -0.01 min
Lab File: BF092540.D
Acq: 26 Jan 2017 22:20

Tgt Ion:252 Resp: 351286
Ion Ratio Lower Upper
252 100
253 22.3 18.2 27.2
125 10.4 10.0 15.0



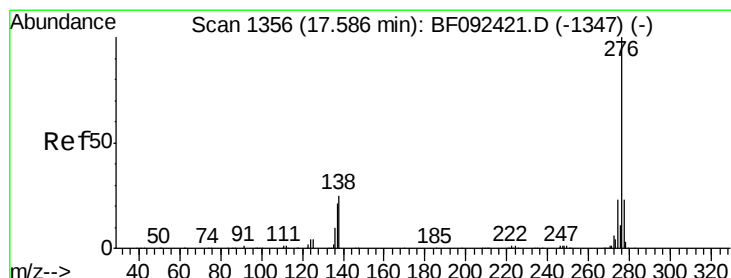
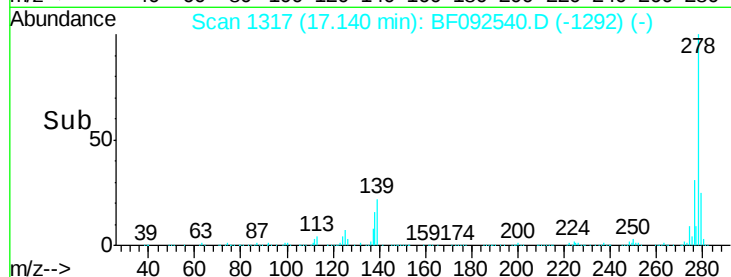
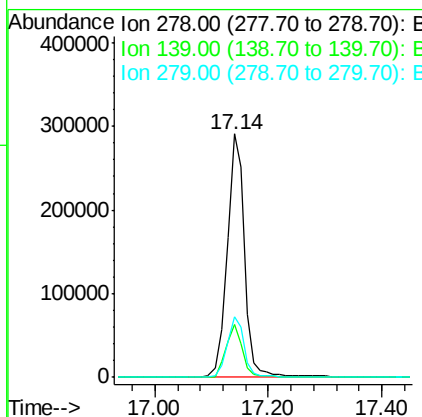
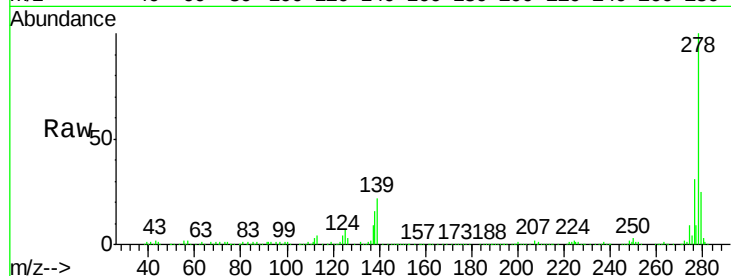


#90
Dibenzo(a,h)anthracene
Concen: 924.08 ng
RT: 17.14 min Scan# 1317
Delta R.T. -0.01 min
Lab File: BF092540.D
Acq: 26 Jan 2017 22:20

Instrument :
BNA_F
ClientSampleId :
CHA-WCS-012317-1(0-70)MSD

Tgt Ion: 278 Resp: 625689

Ion	Ratio	Lower	Upper
278	100		
139	21.7	14.8	22.2
279	24.7	19.8	29.6



#91
Benzo(g,h,i)perylene
Concen: 433.97 ng
RT: 17.56 min Scan# 1354
Delta R.T. -0.02 min
Lab File: BF092540.D
Acq: 26 Jan 2017 22:20

Tgt Ion: 276 Resp: 297160

Ion	Ratio	Lower	Upper
276	100		
277	25.1	19.2	28.8
138	28.3	16.0	24.0

