

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011617\
 Data File : BF092314.D
 Acq On : 17 Jan 2017 7:01
 Operator : UM/SJ
 Sample : I1182-05MSD
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TOD-WCS-011217MSD

Quant Time: Jan 17 07:30:24 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 17 00:52:12 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.56	152	170499	20.00	ng	0.00
21) Naphthalene-d8	7.86	136	868089	20.00	ng	0.00
38) Acenaphthene-d10	9.59	164	423216	20.00	ng	-0.01
63) Phenanthrene-d10	11.08	188	603831	20.00	ng	0.00
75) Chrysene-d12	13.70	240	275730	20.00	ng	-0.01
86) Perylene-d12	15.06	264	345865	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.17	112	1507886	147.67	ng	0.02
7) Phenol-d6	6.24	99	1812927	145.42	ng	0.01
23) Nitrobenzene-d5	7.15	82	1584906	101.52	ng	0.01
41) 2,4,6-Tribromophenol	10.39	330	469599	134.08	ng	0.00
44) 2-Fluorobiphenyl	8.93	172	2239684	112.62	ng	0.00
78) Terphenyl-d14	12.66	244	1486596	130.76	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.16	88	246998	49.13	ng	# 84
3) Pyridine	2.78	79	301982	17.21	ng	96
4) n-Nitrosodimethylamine	2.70	42	289754	43.78	ng	97
6) Aniline	6.23	93	115077	7.11	ng	# 74
8) 2-Chlorophenol	6.36	128	600944	51.74	ng	97
10) Phenol	6.26	94	697550	49.10	ng	# 67
11) bis(2-Chloroethyl)ether	6.31	93	606493	53.66	ng	99
12) 1,3-Dichlorobenzene	6.51	146	629303	50.75	ng	98
13) 1,4-Dichlorobenzene	6.51	146	629303	49.86	ng	94
14) 1,2-Dichlorobenzene	6.74	146	576975	52.69	ng	99
15) Benzyl Alcohol	6.74	79	472395	48.77	ng	93
16) 2,2'-oxybis(1-Chloropropan	6.86	45	917098	54.48	ng	# 48
17) 2-Methylphenol	6.86	107	493441	52.82	ng	# 89
18) Hexachloroethane	7.07	117	264570	56.54	ng	# 85
19) n-Nitroso-di-n-propylamine	7.00	70	472303	56.95	ng	96
20) 3+4-Methylphenols	7.02	107	754536	67.72	ng	# 71
22) Acetophenone	6.99	105	959371	44.81	ng	# 93
24) Nitrobenzene	7.16	77	748574	45.02	ng	95
25) Isophorone	7.40	82	1404481	48.76	ng	94
26) 2-Nitrophenol	7.48	139	415087	50.62	ng	89
27) 2,4-Dimethylphenol	7.54	122	605025	44.49	ng	98
28) bis(2-Chloroethoxy)methane	7.62	93	887829	50.83	ng	98
29) 2,4-Dichlorophenol	7.73	162	611214	53.07	ng	89
30) 1,2,4-Trichlorobenzene	7.80	180	607523	48.14	ng	97
31) Naphthalene	7.88	128	2081482	52.39	ng	99
32) Benzoic acid	7.71	122	408039	40.45	ng	96
33) 4-Chloroaniline	7.95	127	95185	5.31	ng	99
34) Hexachlorobutadiene	7.99	225	323659	48.59	ng	97
35) Caprolactam	8.32	113	110931	29.31	ng	# 75
36) 4-Chloro-3-methylphenol	8.45	107	636778	48.05	ng	93
37) 2-Methylnaphthalene	8.56	142	1264249	59.22	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.74	216	574392	53.72	ng	99
40) Hexachlorocyclopentadiene	8.71	237	311404	66.12	ng	95
42) 2,4,6-Trichlorophenol	8.86	196	371748	49.71	ng	99

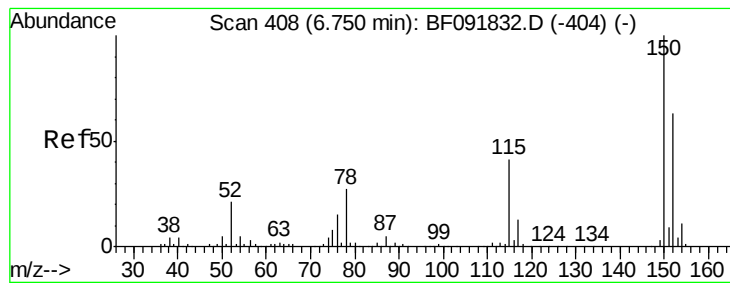
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	8.91	196	375224	48.76	ng	98
45) 1,1'-Biphenyl	9.03	154	1654173	57.08	ng	98
46) 2-Chloronaphthalene	9.06	162	1234907	53.81	ng	97
47) 2-Nitroaniline	9.16	65	337850	41.35	ng	99
48) Acenaphthylene	9.46	152	1735617	49.18	ng	99
49) Dimethylphthalate	9.34	163	1354487	50.04	ng	98
50) 2,6-Dinitrotoluene	9.41	165	328585	55.46	ng	# 85
51) Acenaphthene	9.63	154	1078925	45.09	ng	100
52) 3-Nitroaniline	9.57	138	64993	8.86	ng	100
53) 2,4-Dinitrophenol	9.70	184	296922	90.07	ng	# 91
54) Dibenzofuran	9.81	168	1557088	48.19	ng	93
55) 4-Nitrophenol	9.81	139	929397	186.69	ng	# 10
56) 2,4-Dinitrotoluene	9.81	165	333241	44.81	ng	# 83
57) Fluorene	10.14	166	1102171	46.88	ng	100
58) 2,3,4,6-Tetrachlorophenol	9.94	232	318388	52.31	ng	94
59) Diethylphthalate	10.04	149	1250453	47.57	ng	98
60) 4-Chlorophenyl-phenylether	10.14	204	486190	47.23	ng	94
61) 4-Nitroaniline	10.19	138	272023	35.80	ng	87
62) Azobenzene	10.30	77	1493349	51.60	ng	94
64) 4,6-Dinitro-2-methylphenol	10.22	198	197258	54.02	ng	78
65) n-Nitrosodiphenylamine	10.27	169	1026520	57.29	ng	99
66) 4-Bromophenyl-phenylether	10.63	248	354150	56.38	ng	# 75
67) Hexachlorobenzene	10.69	284	330337	49.20	ng	# 85
68) Atrazine	10.80	200	271009	46.89	ng	95
69) Pentachlorophenol	10.90	266	295567	89.72	ng	99
70) Phenanthrene	11.10	178	1699898	51.92	ng	99
71) Anthracene	11.15	178	1554979	60.81	ng	99
72) Carbazole	11.32	167	1378099	60.17	ng	# 96
73) Di-n-butylphthalate	11.65	149	1814843	59.85	ng	99
74) Fluoranthene	12.28	202	1385225	48.52	ng	98
77) Pyrene	12.51	202	1406545	69.53	ng	99
79) Butylbenzylphthalate	13.14	149	635456	69.06	ng	95
80) Benzo(a)anthracene	13.69	228	965930	62.06	ng	100
81) 3,3'-Dichlorobenzidine	13.66	252	83605	14.17	ng	# 97
82) Chrysene	13.73	228	962510	61.65	ng	98
83) Bis(2-ethylhexyl)phthalate	13.70	149	706542	65.21	ng	# 100
84) Di-n-octyl phthalate	14.31	149	1177439	58.66	ng	98
85) Indeno(1,2,3-cd)pyrene	16.29	276	1461908	108.09	ng	98
87) Benzo(b)fluoranthene	14.69	252	2031463	94.34	ng	99
88) Benzo(k)fluoranthene	14.69	252	2031463	110.63	ng	99
89) Benzo(a)pyrene	15.00	252	985219	51.55	ng	98
90) Dibenzo(a,h)anthracene	16.29	278	1188314	75.64	ng	97
91) Benzo(g,h,i)perylene	16.66	276	1280909	78.42	ng	97

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.56 min Scan# 418

Delta R.T. -0.00 min

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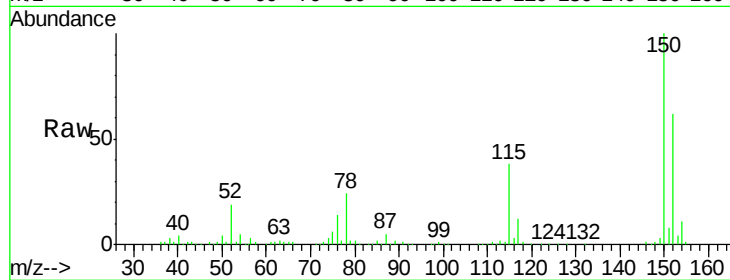
Tgt Ion:152 Resp: 170499

Ion Ratio Lower Upper

152 100

150 161.6 124.9 187.3

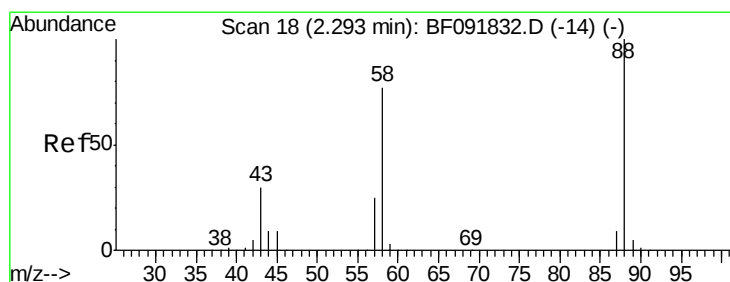
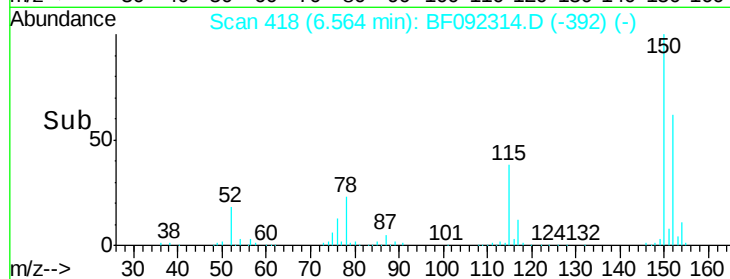
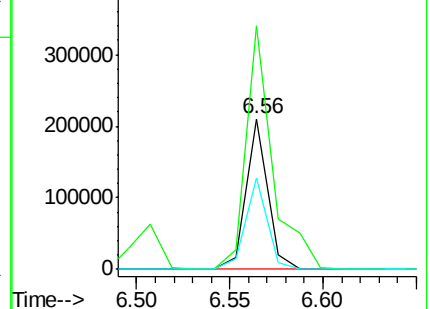
115 61.0 46.0 69.0



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: 49.13 ng

RT: 2.16 min Scan# 33

Delta R.T. 0.18 min

Lab File: BF092314.D

Acq: 17 Jan 2017 7:01

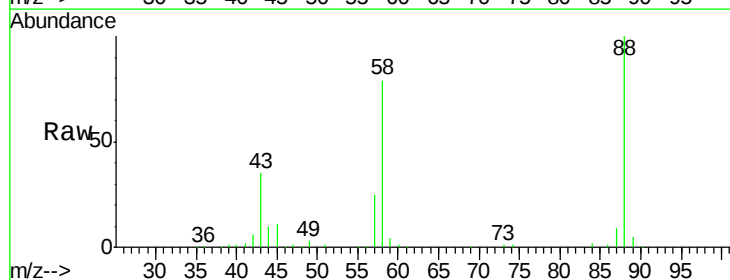
Tgt Ion: 88 Resp: 246998

Ion Ratio Lower Upper

88 100

58 73.9 57.8 86.8

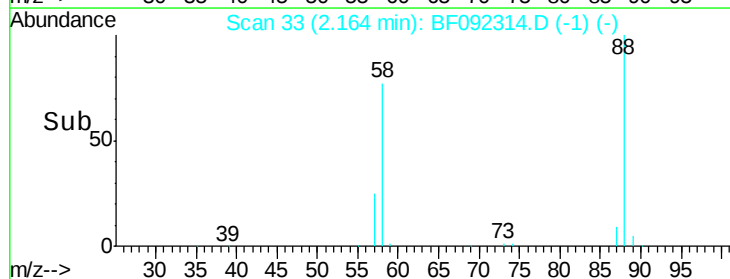
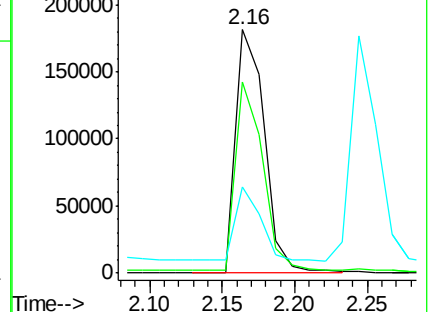
43 0.0 22.3 33.5#

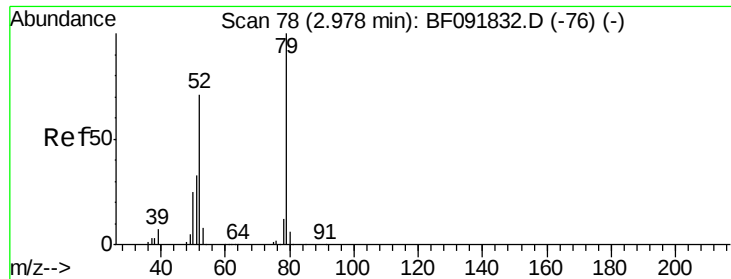


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0

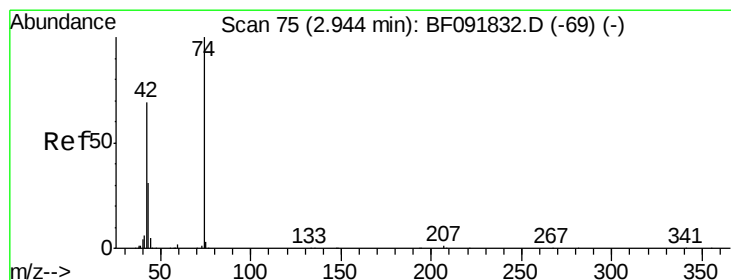
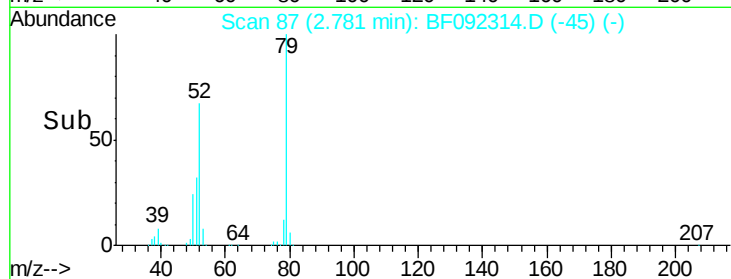
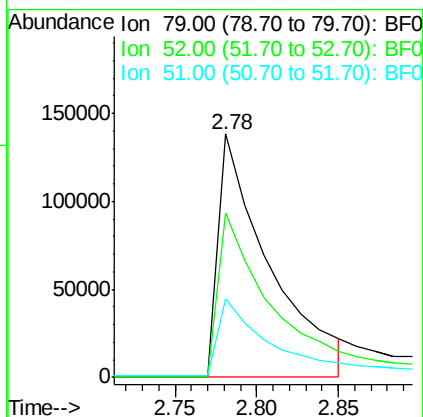
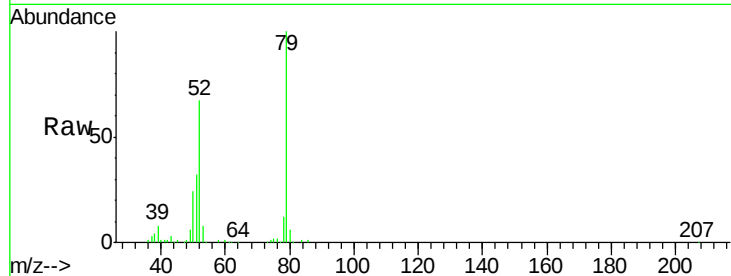




#3
 Pyridine
 Concen: 17.21 ng
 RT: 2.78 min Scan# 87
 Delta R.T. 0.18 min
 Lab File: BF092314.D
 Acq: 17 Jan 2017 7:01

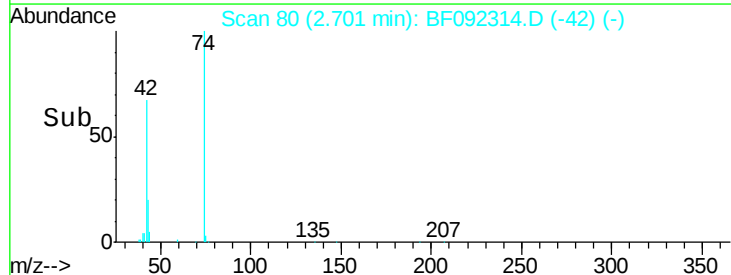
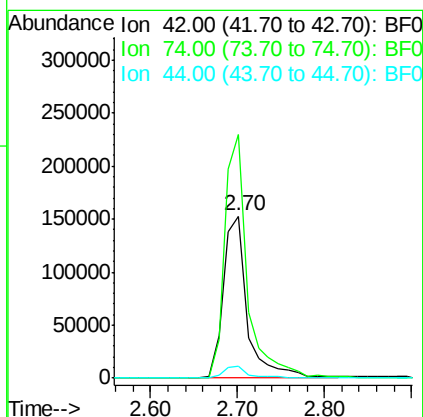
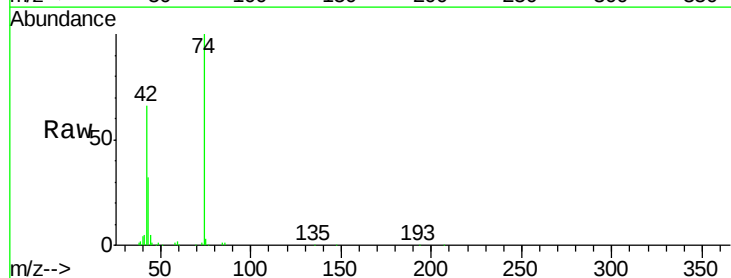
Instrument :
 BNA_F
 ClientSampleId :
 TOD-WCS-011217MSD

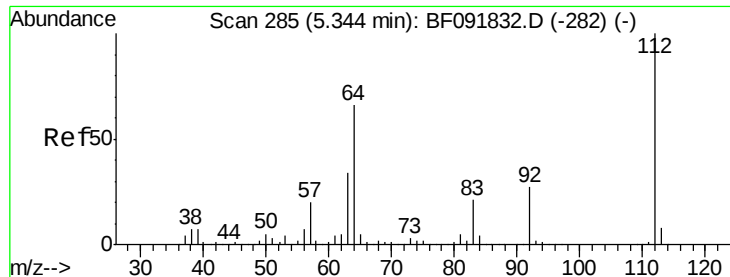
Tgt Ion: 79 Resp: 301982
 Ion Ratio Lower Upper
 79 100
 52 67.5 57.1 85.7
 51 32.4 27.3 40.9



#4
 n-Nitrosodimethylamine
 Concen: 43.78 ng
 RT: 2.70 min Scan# 80
 Delta R.T. 0.14 min
 Lab File: BF092314.D
 Acq: 17 Jan 2017 7:01

Tgt Ion: 42 Resp: 289754
 Ion Ratio Lower Upper
 42 100
 74 150.5 117.0 175.4
 44 7.5 5.5 8.3





#5

2-Fluorophenol

Concen: 147.67 ng

RT: 5.17 min Scan# 296

Delta R.T. 0.02 min

Lab File: BF092314.D

Acq: 17 Jan 2017 7:01

Instrument :

BNA_F

ClientSampleId :

TOD-WCS-011217MSD

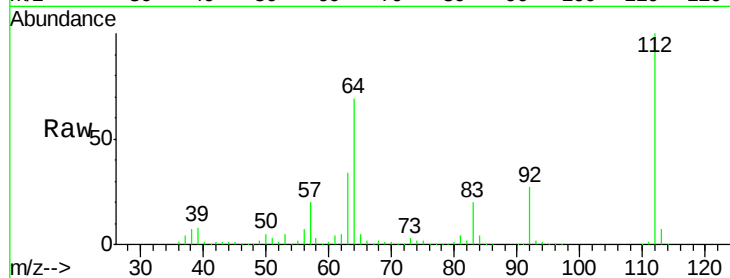
Tgt Ion: 112 Resp: 1507886

Ion Ratio Lower Upper

112 100

64 69.4 46.1 69.1#

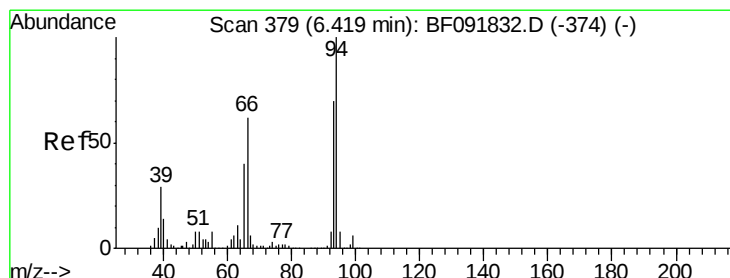
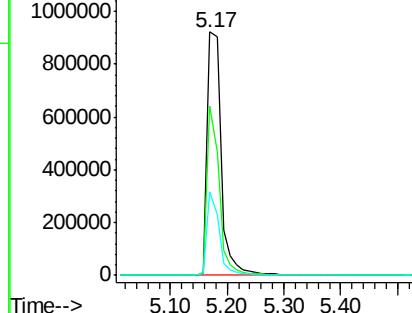
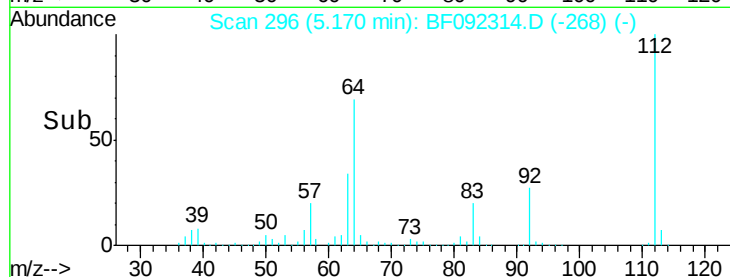
63 34.4 23.8 35.6



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 7.11 ng

RT: 6.23 min Scan# 389

Delta R.T. 0.01 min

Lab File: BF092314.D

Acq: 17 Jan 2017 7:01

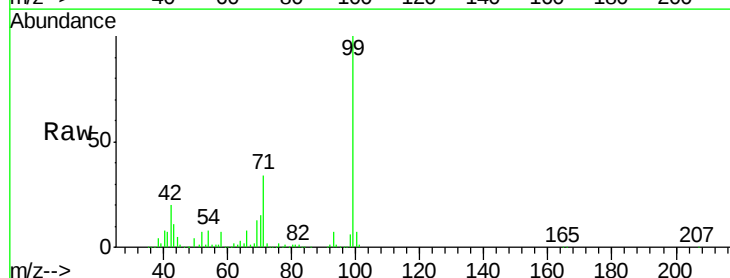
Tgt Ion: 93 Resp: 115077

Ion Ratio Lower Upper

93 100

66 112.8 76.2 114.2

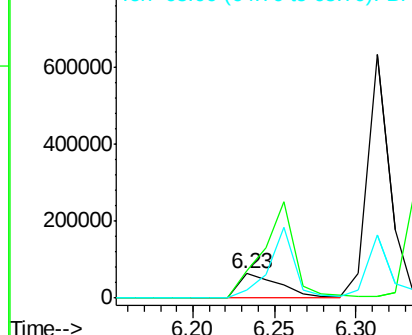
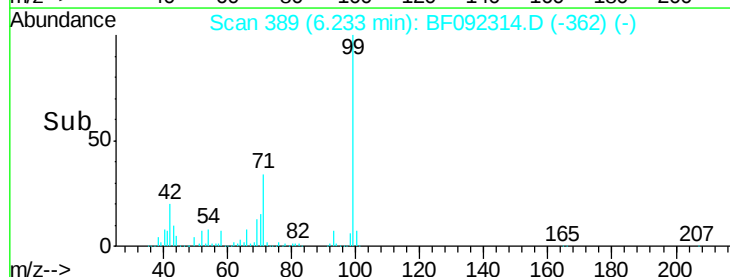
65 32.8 49.3 73.9#



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 145.42 ng

RT: 6.24 min Scan# 390

Delta R.T. 0.01 min

Lab File: BF092314.D

Acq: 17 Jan 2017 7:01

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BNA_F

ClientSampleId :

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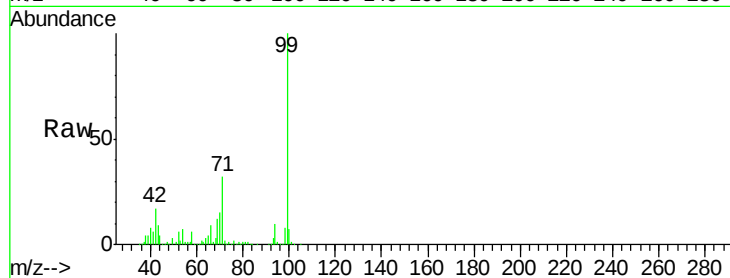
Tgt Ion: 99 Resp: 1812927

Ion Ratio Lower Upper

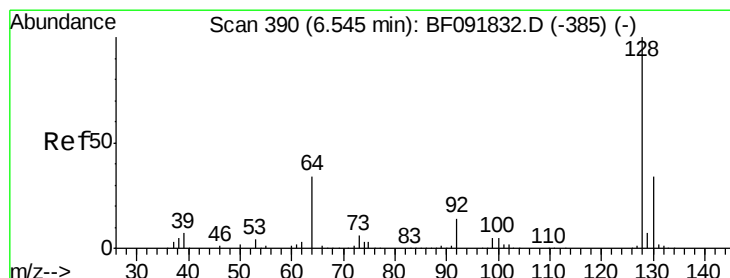
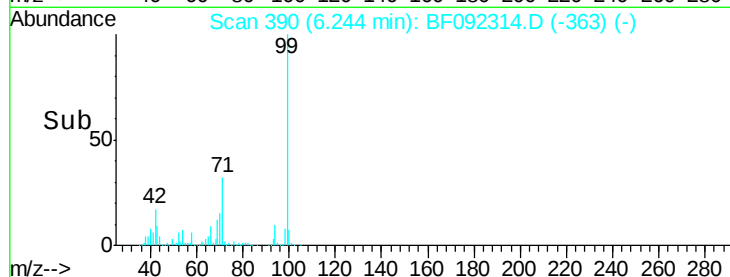
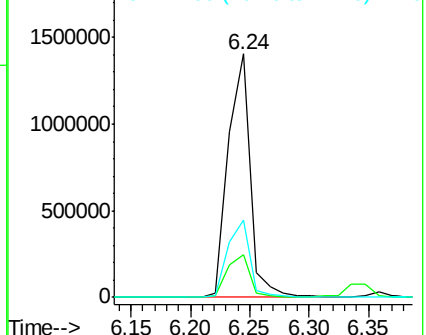
99 100

42 17.3 15.6 23.4

71 31.8 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: 51.74 ng

RT: 6.36 min Scan# 400

Delta R.T. -0.00 min

Lab File: BF092314.D

Acq: 17 Jan 2017 7:01

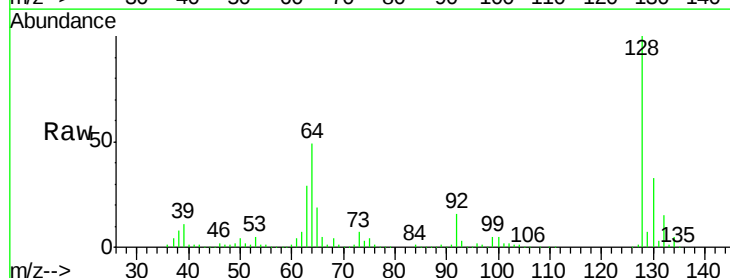
Tgt Ion: 128 Resp: 600944

Ion Ratio Lower Upper

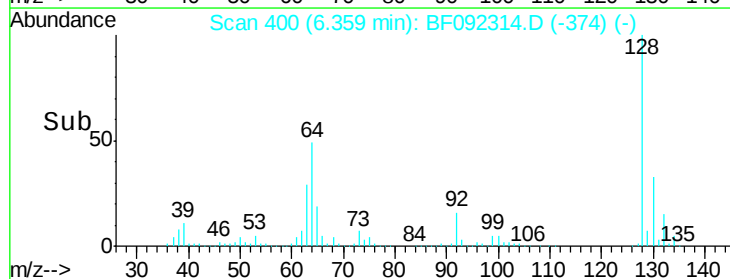
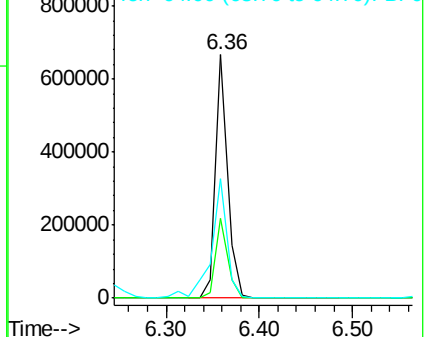
128 100

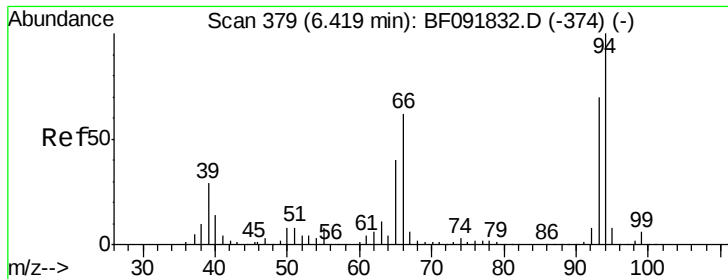
130 32.8 12.3 52.3

64 49.2 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

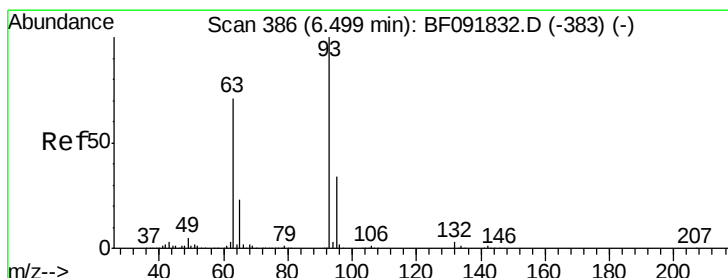
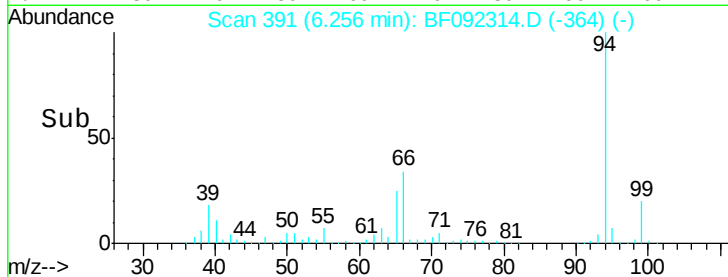
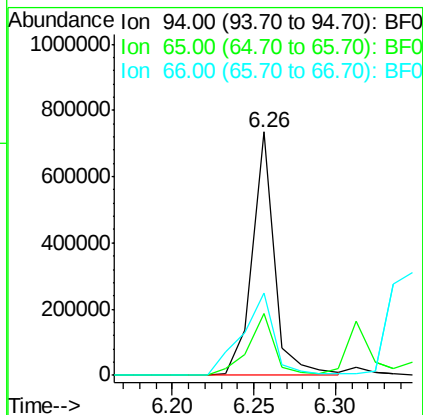
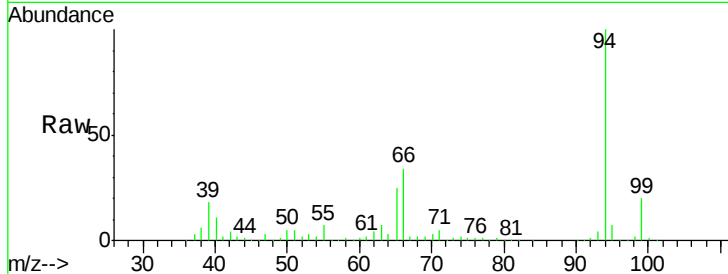




#10
Phenol
Concen: 49.10 ng
RT: 6.26 min Scan# 391
Delta R.T. 0.01 min
Lab File: BF092314.D
Acq: 17 Jan 2017 7:01

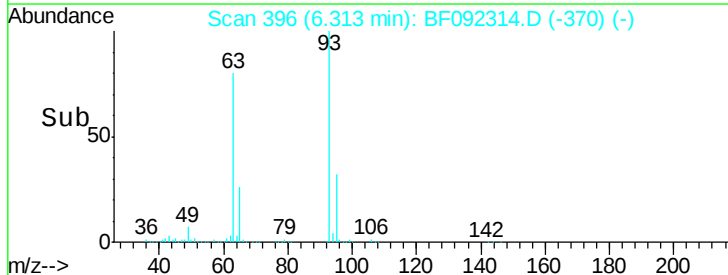
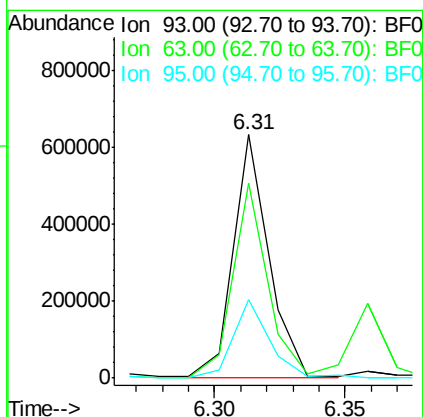
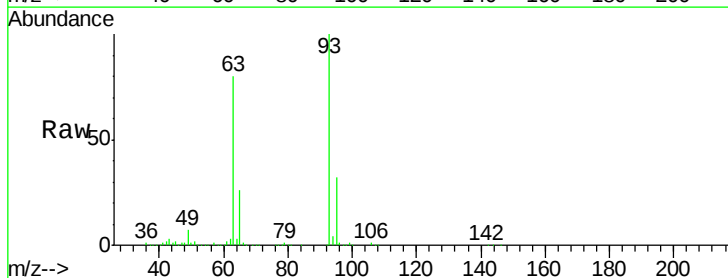
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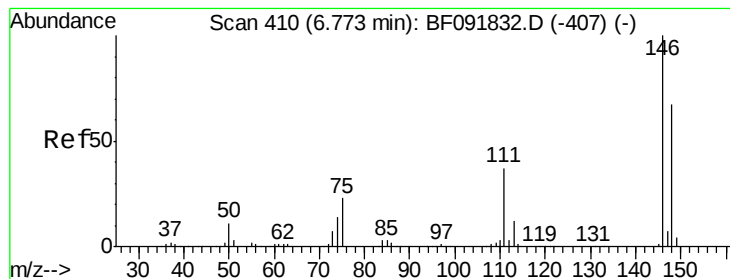
Tgt Ion: 94 Resp: 697550
Ion Ratio Lower Upper
94 100
65 25.3 21.4 61.4
66 33.9 44.0 84.0#



#11
bis(2-Chloroethyl)ether
Concen: 53.66 ng
RT: 6.31 min Scan# 396
Delta R.T. -0.00 min
Lab File: BF092314.D
Acq: 17 Jan 2017 7:01

Tgt Ion: 93 Resp: 606493
Ion Ratio Lower Upper
93 100
63 80.1 60.4 100.4
95 32.2 12.8 52.8





#12

1,3-Dichlorobenzene

Concen: 50.75 ng

RT: 6.51 min Scan# 413

Delta R.T. 0.01 min

Lab File: BF092314.D

Acq: 17 Jan 2017 7:01

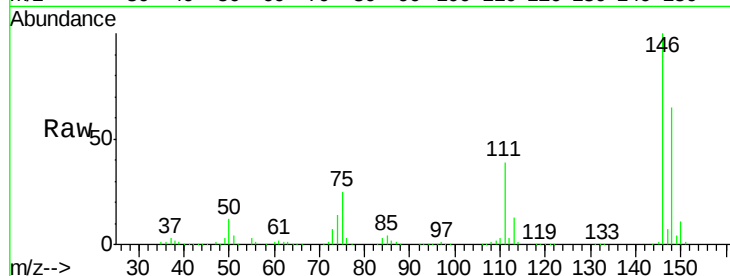
Instrument :

BNA_F

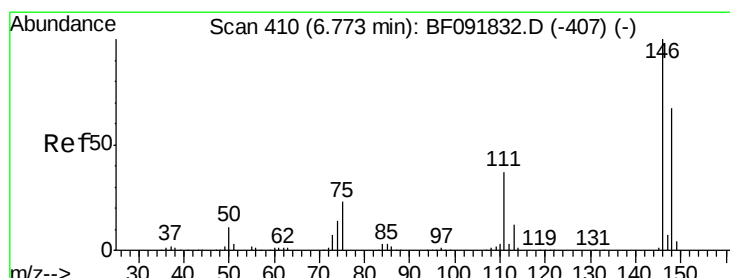
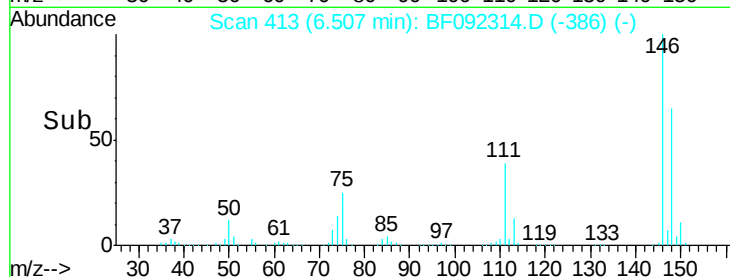
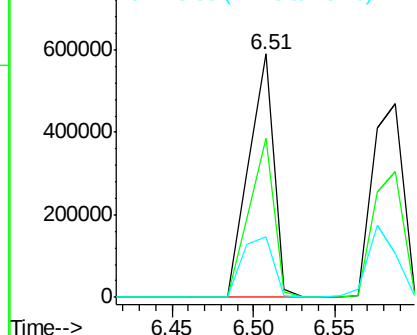
ClientSampleId :

TOD-WCS-011217MSD

Tgt Ion:	146	Resp:	629303
Ion Ratio	Lower	Upper	
146	100		
148	65.3	53.4	80.0
75	24.8	18.5	27.7



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 75.00 (74.70 to 75.70): E



#13

1,4-Dichlorobenzene

Concen: 49.86 ng

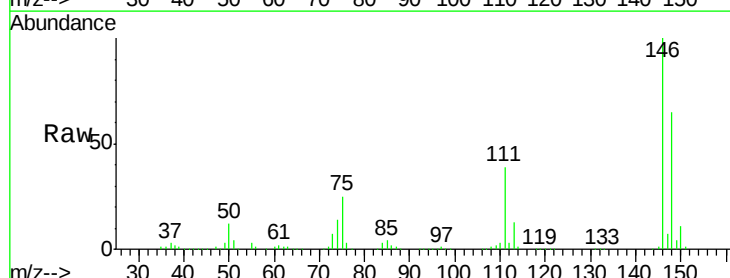
RT: 6.51 min Scan# 413

Delta R.T. -0.07 min

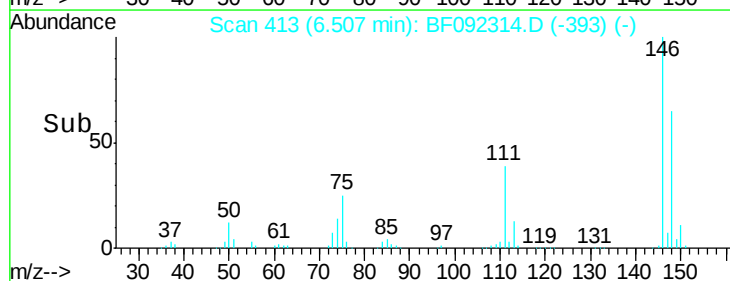
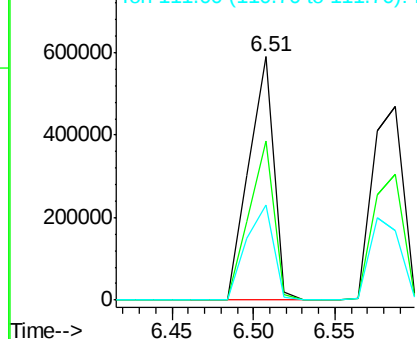
Lab File: BF092314.D

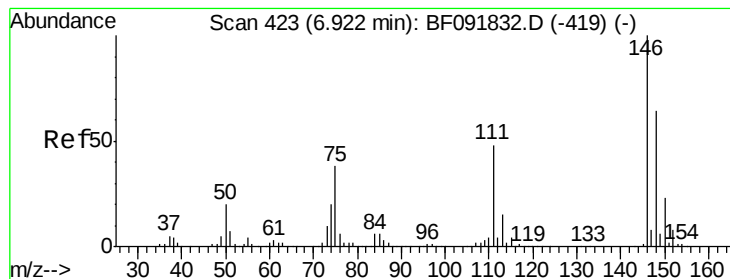
Acq: 17 Jan 2017 7:01

Tgt Ion:	146	Resp:	629303
Ion Ratio	Lower	Upper	
146	100		
148	65.3	50.6	76.0
111	39.0	36.2	54.4



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





#14

1,2-Dichlorobenzene

Concen: 52.69 ng

RT: 6.74 min Scan# 433

Delta R.T. -0.00 min

Lab File: BF092314.D

Acq: 17 Jan 2017 7:01

Instrument :

BNA_F

ClientSampleId :

TOD-WCS-011217MSD

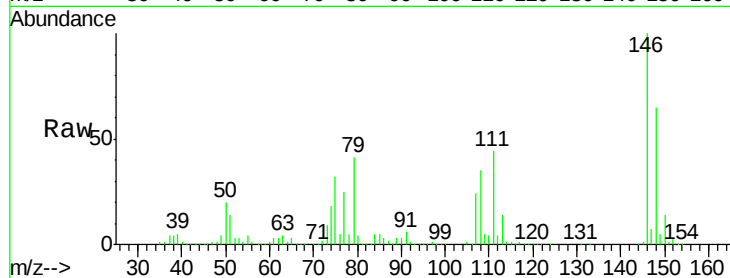
Tgt Ion: 146 Resp: 576975

Ion Ratio Lower Upper

146 100

148 64.6 52.2 78.2

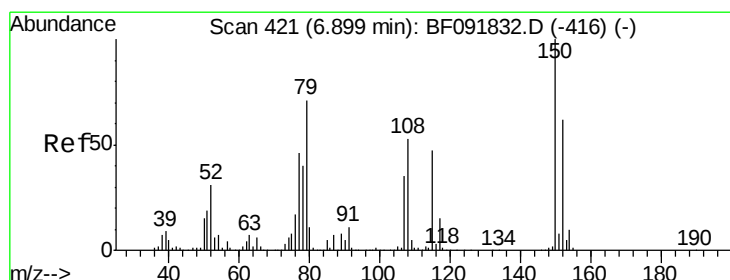
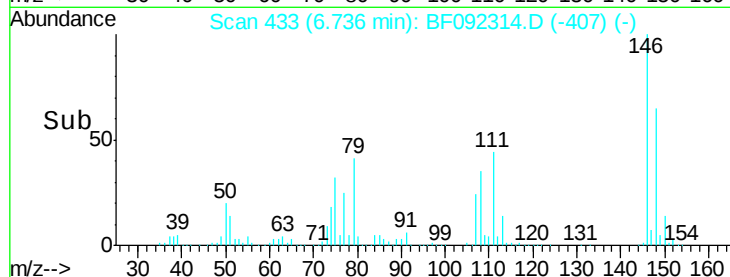
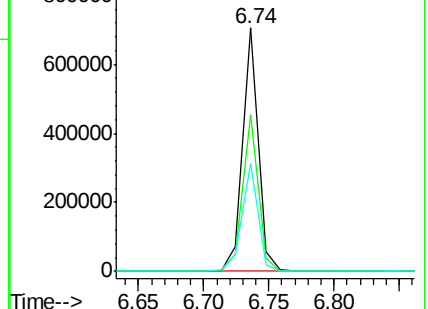
111 44.4 36.2 54.2



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: 48.77 ng

RT: 6.74 min Scan# 433

Delta R.T. 0.01 min

Lab File: BF092314.D

Acq: 17 Jan 2017 7:01

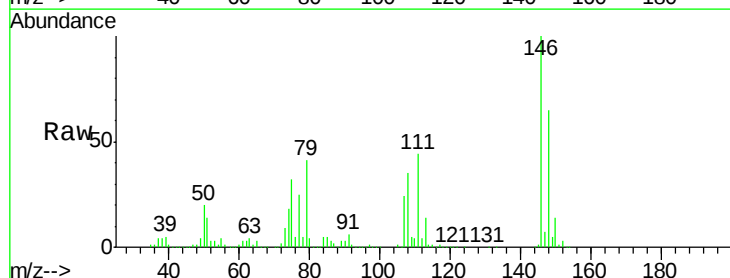
Tgt Ion: 79 Resp: 472395

Ion Ratio Lower Upper

79 100

108 86.0 61.4 92.0

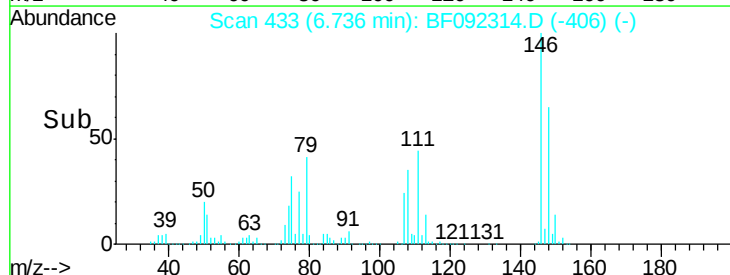
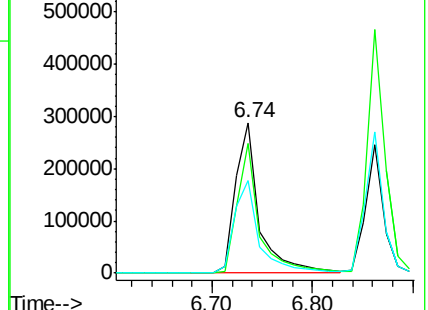
77 61.7 50.9 76.3

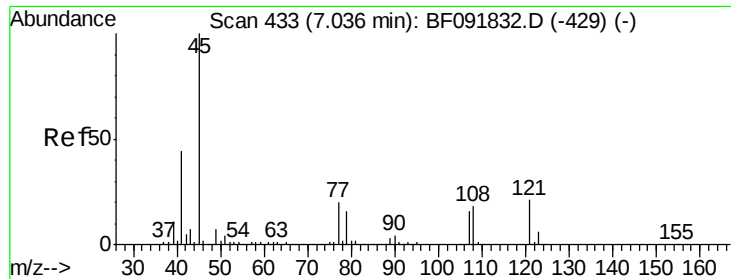


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

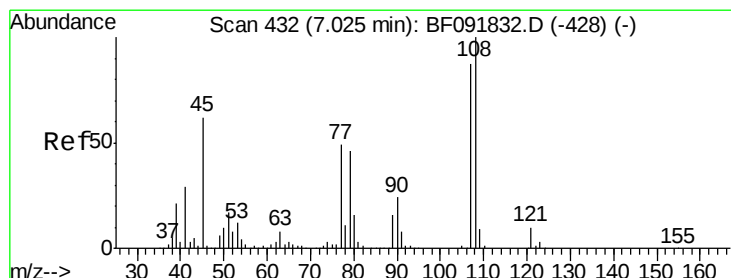
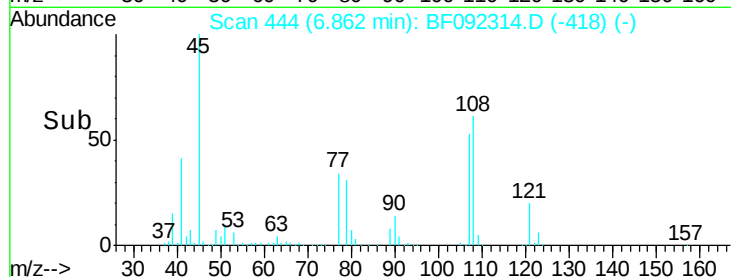
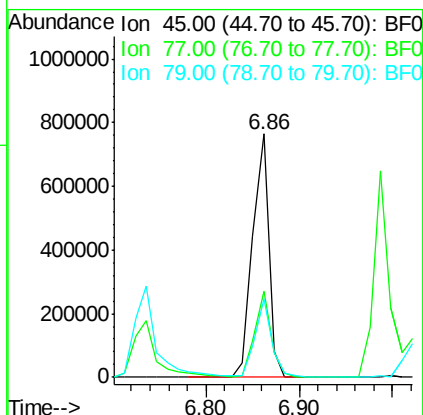
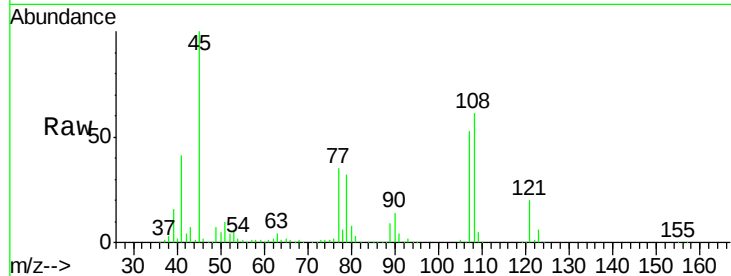




#16
2,2'-oxybis(1-Chloropropane)
Concen: 54.48 ng
RT: 6.86 min Scan# 444
Delta R.T. -0.00 min
Lab File: BF092314.D
Acq: 17 Jan 2017 7:01

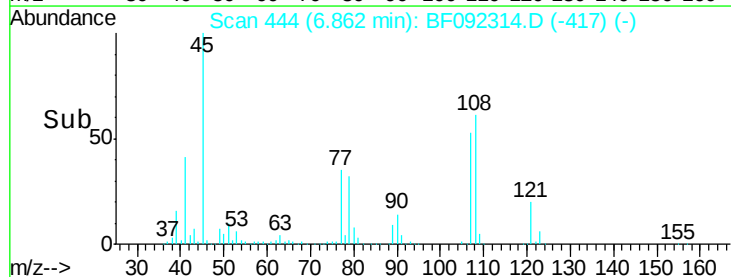
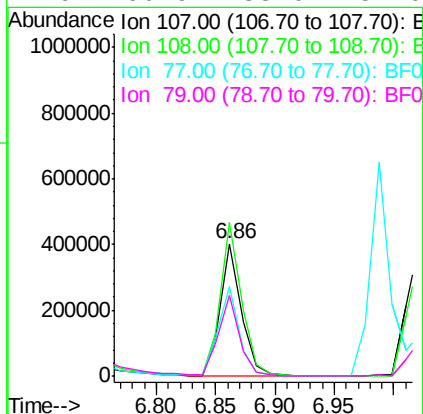
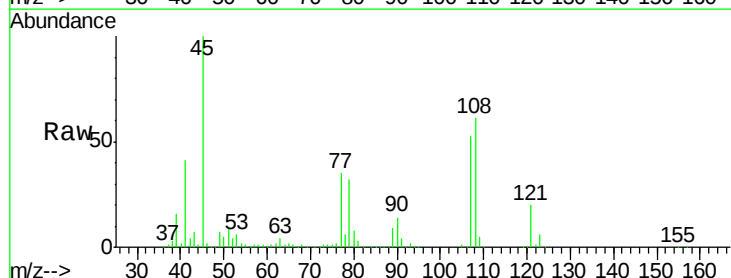
Instrument :
BNA_F
ClientSampleId :
TOD-WCS-011217MSD

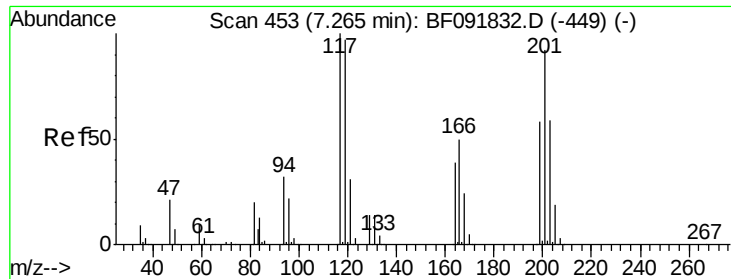
Tgt Ion: 45 Resp: 917098
Ion Ratio Lower Upper
45 100
77 35.4 0.0 34.6#
79 32.1 0.0 31.2#



#17
2-Methylphenol
Concen: 52.82 ng
RT: 6.86 min Scan# 444
Delta R.T. 0.01 min
Lab File: BF092314.D
Acq: 17 Jan 2017 7:01

Tgt Ion: 107 Resp: 493441
Ion Ratio Lower Upper
107 100
108 115.7 93.0 139.6
77 67.2 39.8 59.8#
79 60.9 38.0 57.0#





#18

Hexachloroethane

Concen: 56.54 ng

RT: 7.07 min Scan# 462

Delta R.T. -0.00 min

Lab File: BF092314.D

Acq: 17 Jan 2017 7:01

Instrument :

BNA_F

ClientSampleId :

TOD-WCS-011217MSD

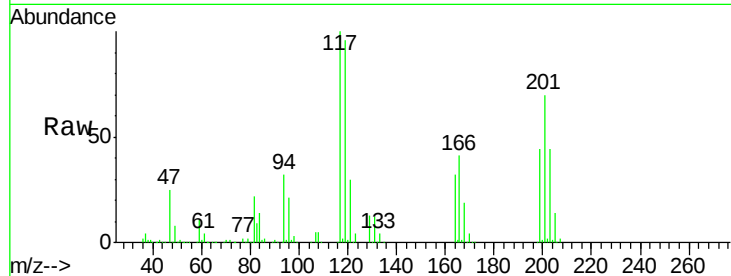
Tgt Ion: 117 Resp: 264570

Ion Ratio Lower Upper

117 100

119 96.2 78.1 117.1

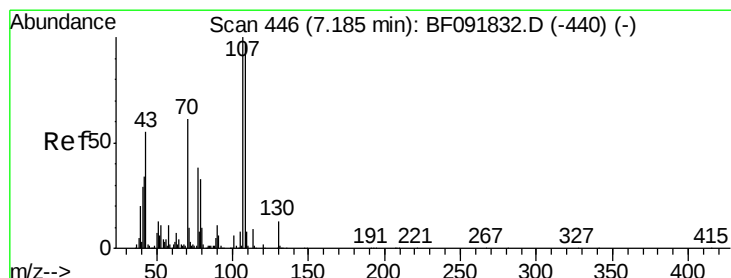
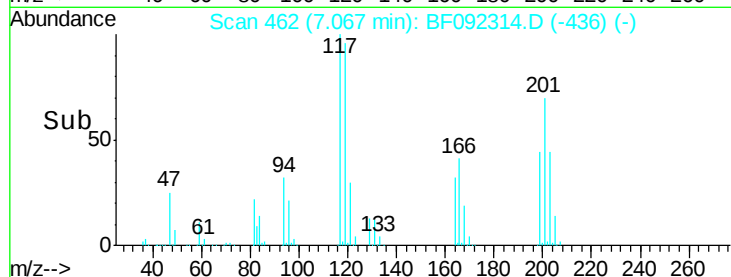
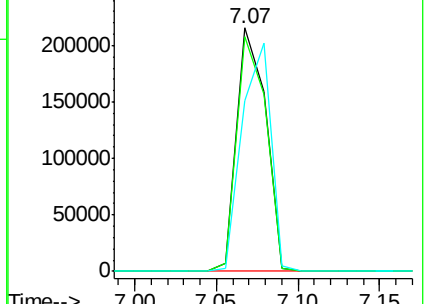
201 70.1 78.6 117.8#



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: 56.95 ng

RT: 7.00 min Scan# 456

Delta R.T. -0.00 min

Lab File: BF092314.D

Acq: 17 Jan 2017 7:01

Tgt Ion: 70 Resp: 472303

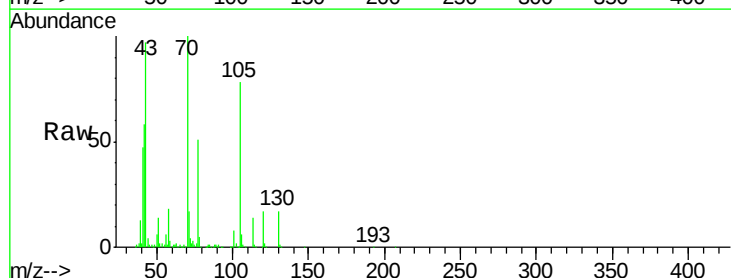
Ion Ratio Lower Upper

70 100

42 57.9 49.4 74.0

101 8.4 7.4 11.2

130 17.4 14.2 21.4

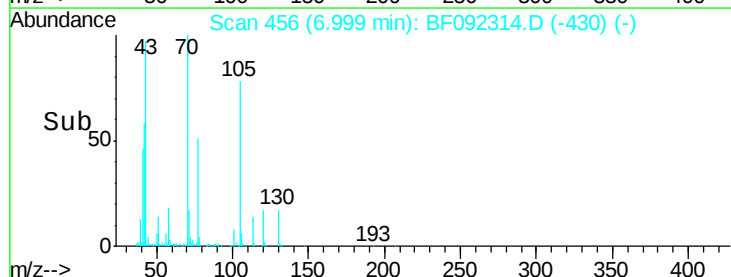
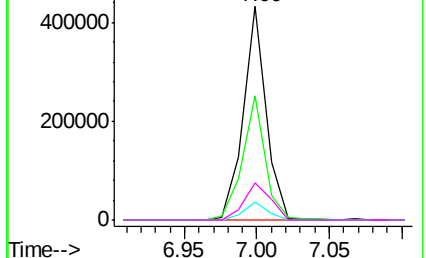


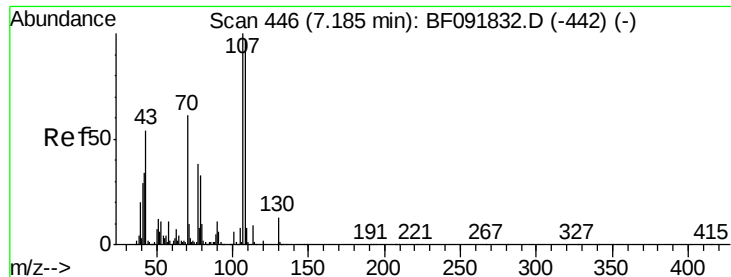
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E





#20

3+4-Methylphenols

Concen: 67.72 ng

RT: 7.02 min Scan# 458

Delta R.T. 0.01 min

Lab File: BF092314.D

Acq: 17 Jan 2017 7:01

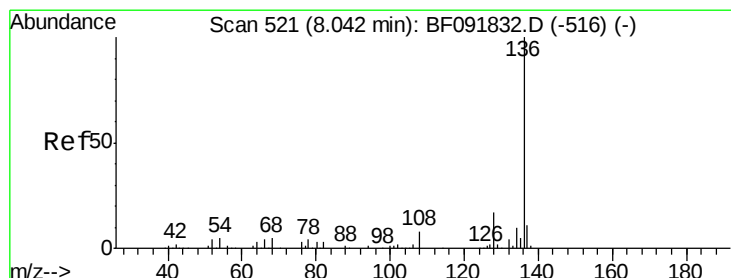
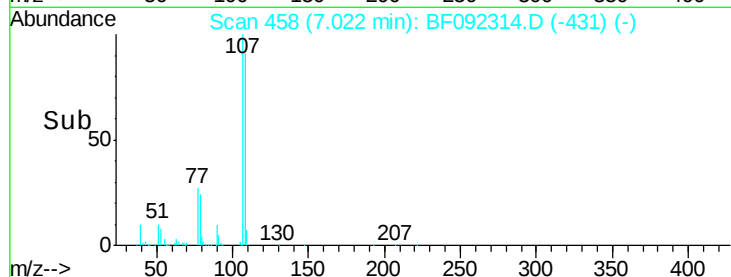
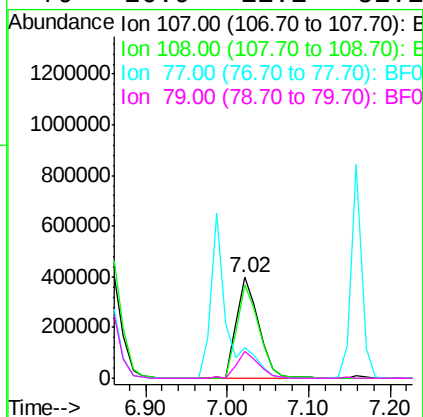
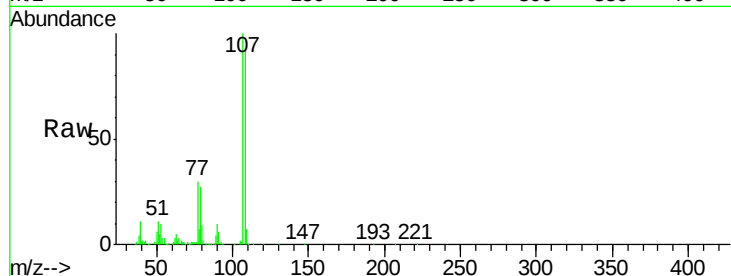
Instrument :

BNA_F

ClientSampleId :

TOD-WCS-011217MSD

Tgt Ion:	107	Resp:	754536
Ion	Ratio	Lower	Upper
107	100		
108	92.2	73.0	113.0
77	30.4	71.3	111.3#
79	26.9	11.1	51.1



#21

Naphthalene-d8

Concen: 20.00 ng

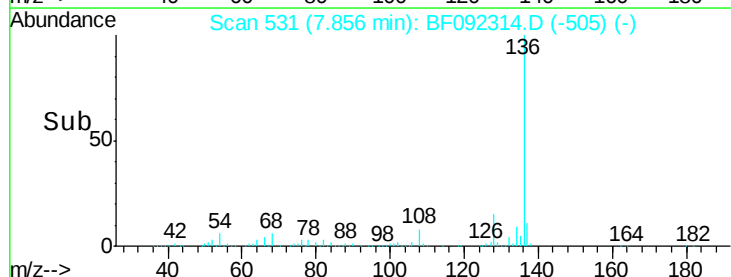
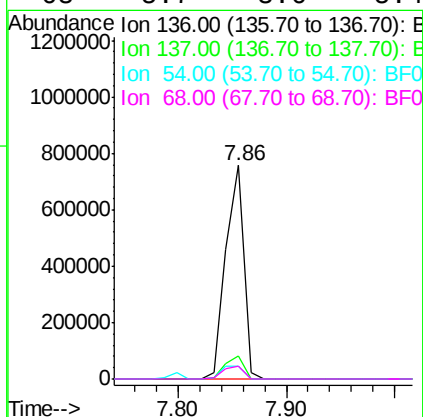
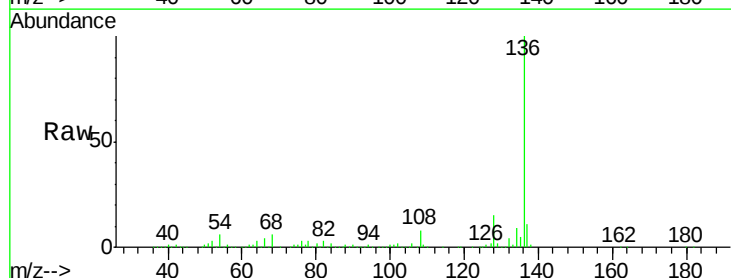
RT: 7.86 min Scan# 531

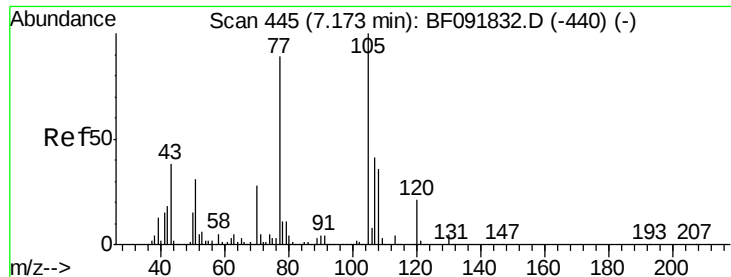
Delta R.T. -0.00 min

Lab File: BF092314.D

Acq: 17 Jan 2017 7:01

Tgt Ion:	136	Resp:	868089
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.4	12.6
54	6.2	4.5	6.7
68	5.7	3.6	5.4#

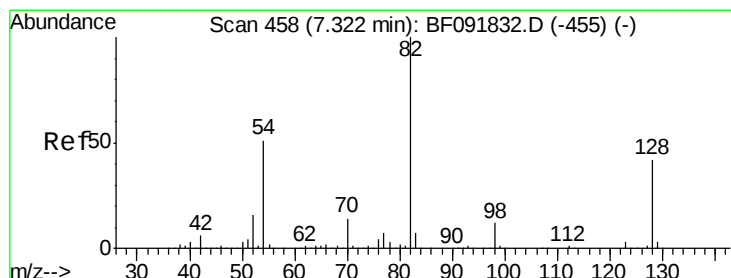
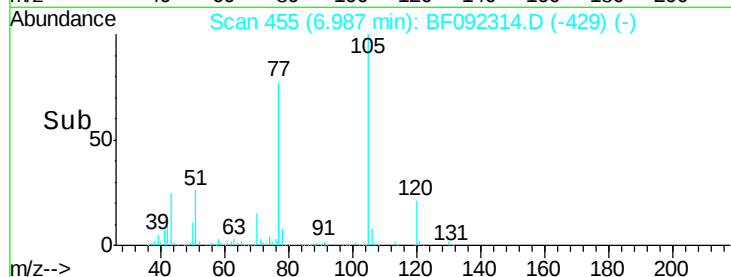
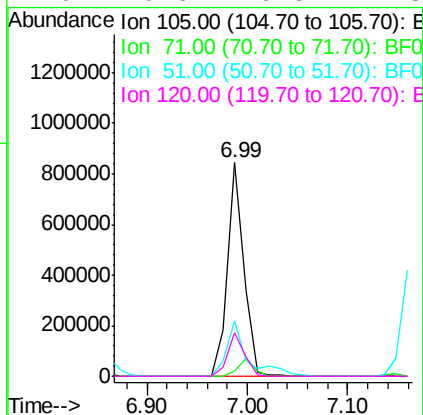
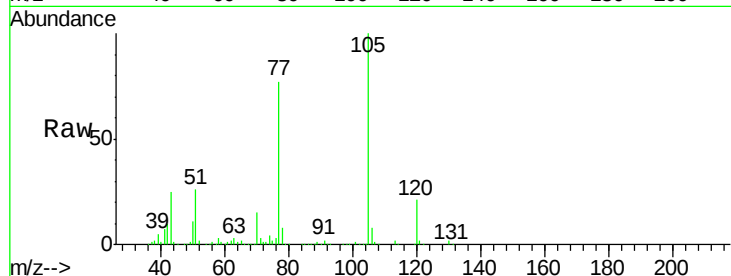




#22
Acetophenone
Concen: 44.81 ng
RT: 6.99 min Scan# 455
Delta R.T. -0.00 min
Lab File: BF092314.D
Acq: 17 Jan 2017 7:01

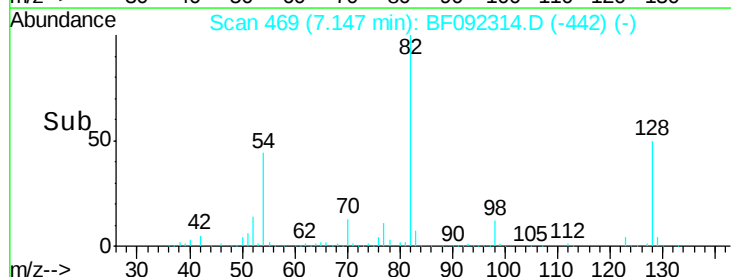
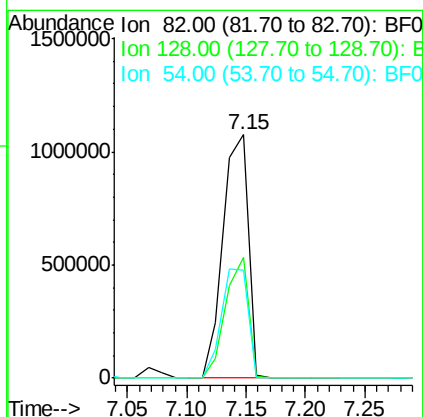
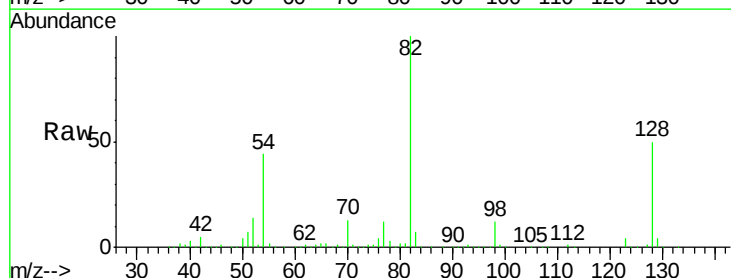
Instrument :
BNA_F
ClientSampleId :
TOD-WCS-011217MSD

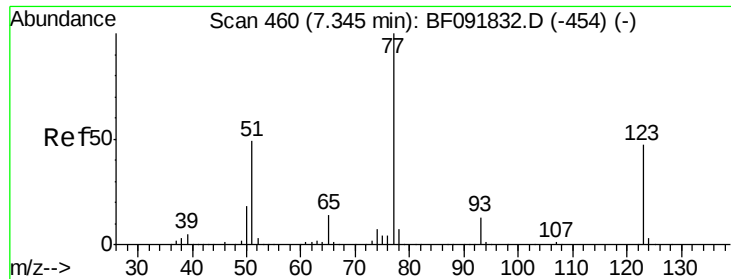
Tgt Ion: 105 Resp: 959371
Ion Ratio Lower Upper
105 100
71 2.6 3.2 4.8#
51 25.8 26.2 39.4#
120 20.6 16.6 24.8



#23
Nitrobenzene-d5
Concen: 101.52 ng
RT: 7.15 min Scan# 469
Delta R.T. 0.01 min
Lab File: BF092314.D
Acq: 17 Jan 2017 7:01

Tgt Ion: 82 Resp: 1584906
Ion Ratio Lower Upper
82 100
128 49.7 34.6 52.0
54 44.3 39.5 59.3

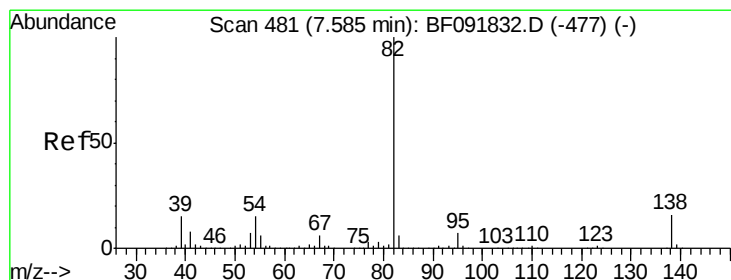
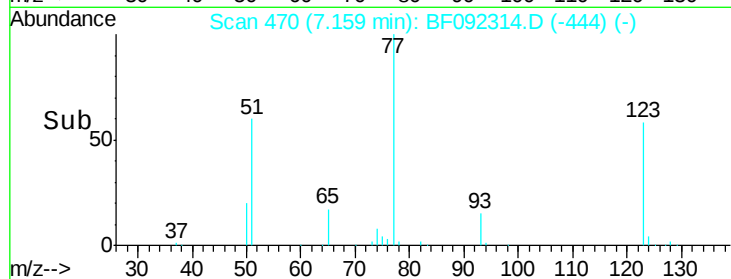
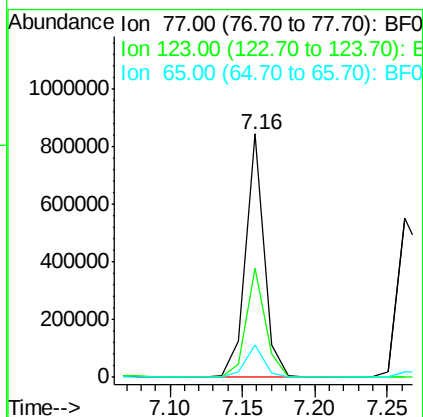
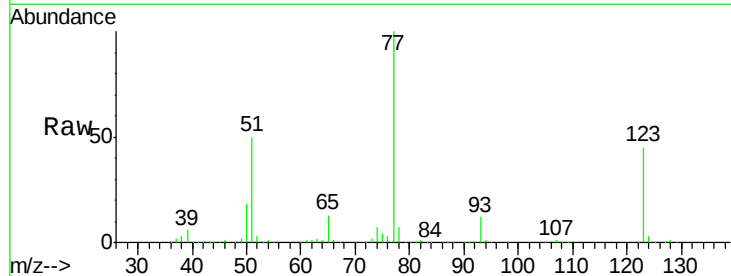




#24
 Nitrobenzene
 Concen: 45.02 ng
 RT: 7.16 min Scan# 470
 Delta R.T. -0.00 min
 Lab File: BF092314.D
 Acq: 17 Jan 2017 7:01

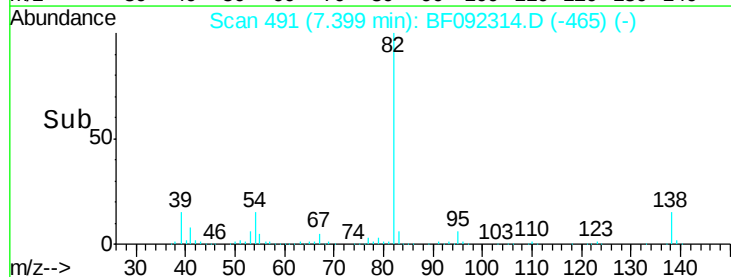
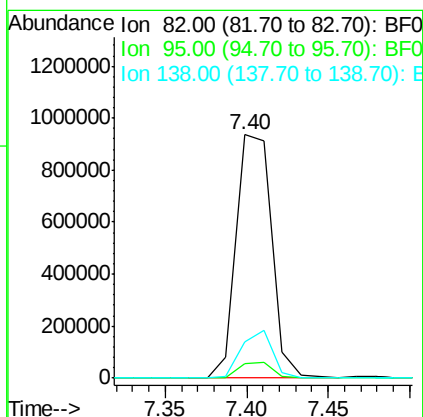
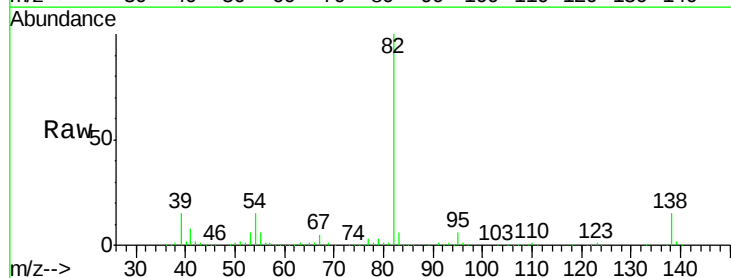
Instrument :
 BNA_F
 ClientSampleId :
 TOD-WCS-011217MSD

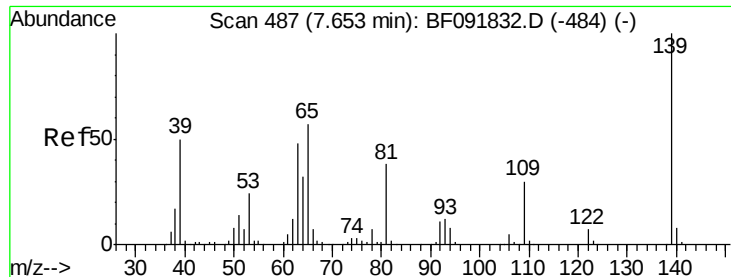
Tgt Ion: 77 Resp: 748574
 Ion Ratio Lower Upper
 77 100
 123 44.7 33.0 49.4
 65 13.3 11.2 16.8



#25
 Isophorone
 Concen: 48.76 ng
 RT: 7.40 min Scan# 491
 Delta R.T. -0.00 min
 Lab File: BF092314.D
 Acq: 17 Jan 2017 7:01

Tgt Ion: 82 Resp: 1404481
 Ion Ratio Lower Upper
 82 100
 95 6.1 5.6 8.4
 138 15.1 14.6 22.0

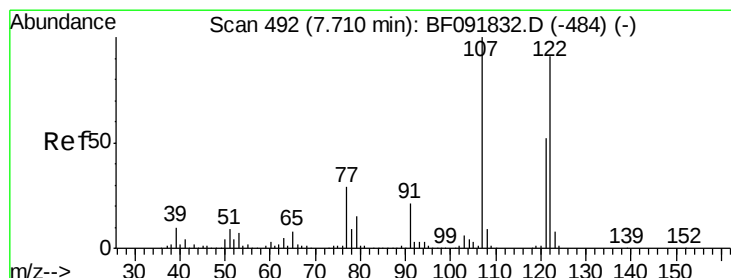
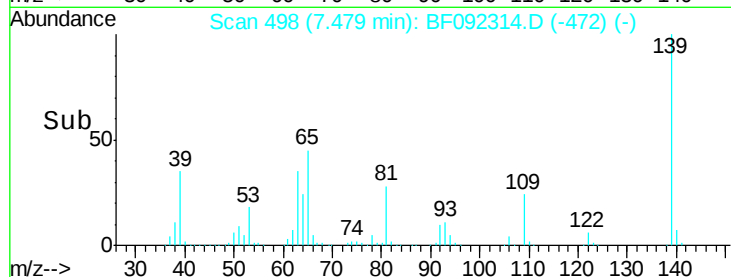
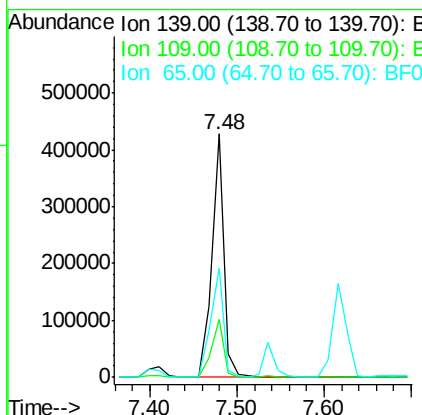
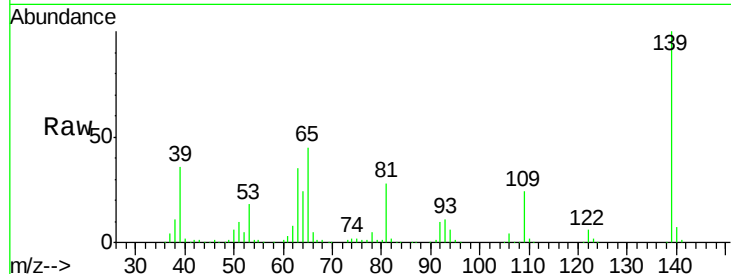




#26
2-Nitrophenol
Concen: 50.62 ng
RT: 7.48 min Scan# 498
Delta R.T. -0.00 min
Lab File: BF092314.D
Acq: 17 Jan 2017 7:01

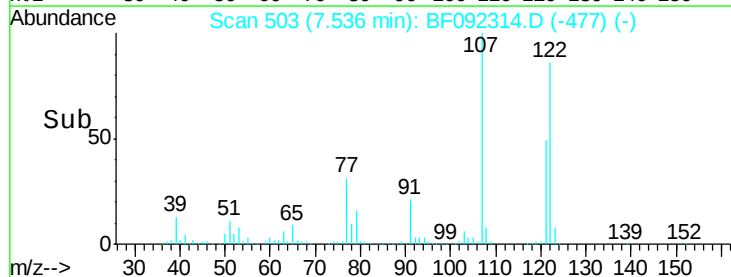
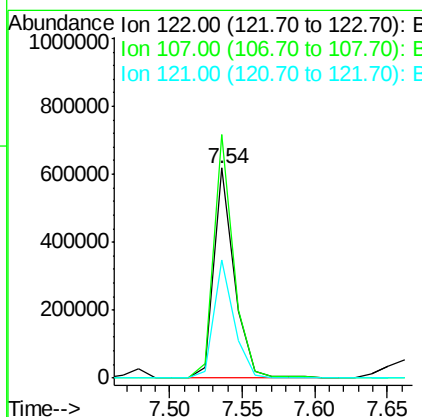
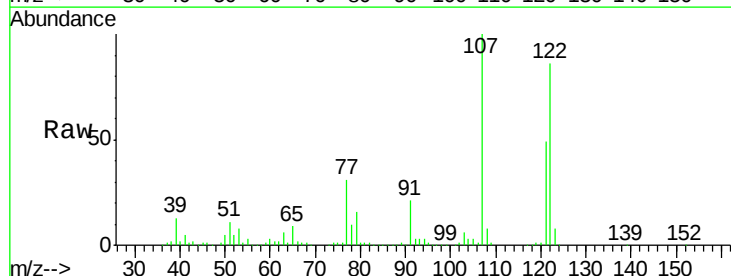
Instrument :
BNA_F
ClientSampleId :
TOD-WCS-011217MSD

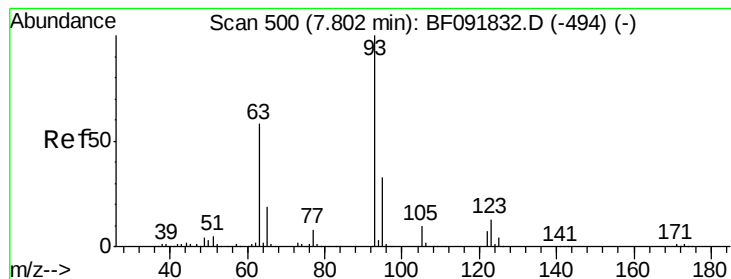
Tgt Ion	Ratio	Lower	Upper
139	100		
109	23.9	23.3	34.9
65	44.7	42.7	64.1



#27
2,4-Dimethylphenol
Concen: 44.49 ng
RT: 7.54 min Scan# 503
Delta R.T. -0.00 min
Lab File: BF092314.D
Acq: 17 Jan 2017 7:01

Tgt Ion	Ratio	Lower	Upper
122	100		
107	115.8	94.1	141.1
121	56.3	46.0	69.0





#28

bis(2-Chloroethoxy)methane

Concen: 50.83 ng

RT: 7.62 min Scan# 510

Delta R.T. -0.00 min

Lab File: BF092314.D

Acq: 17 Jan 2017 7:01

Instrument :

BNA_F

ClientSampleId :

TOD-WCS-011217MSD

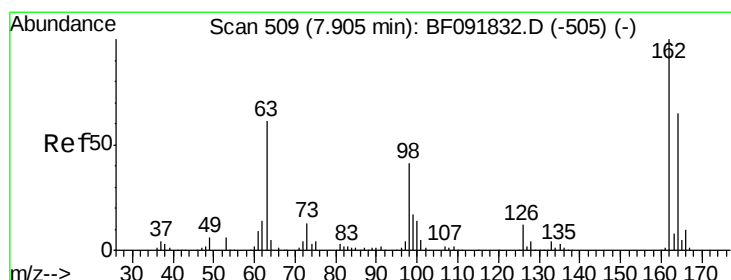
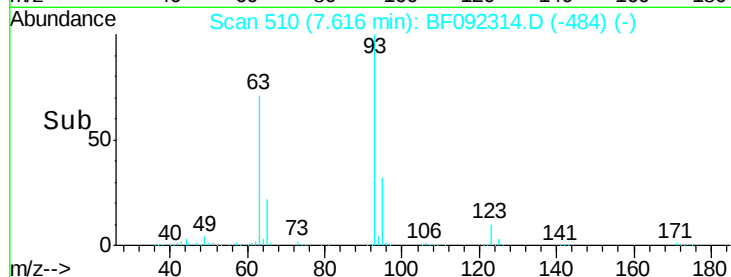
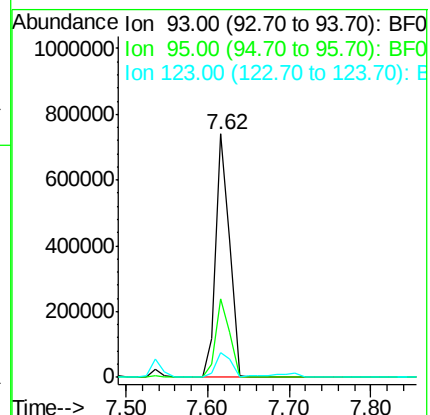
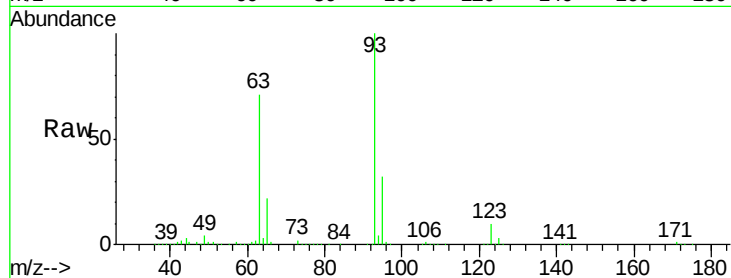
Tgt Ion: 93 Resp: 887829

Ion Ratio Lower Upper

93 100

95 32.2 26.5 39.7

123 10.0 8.6 13.0



#29

2,4-Dichlorophenol

Concen: 53.07 ng

RT: 7.73 min Scan# 520

Delta R.T. -0.00 min

Lab File: BF092314.D

Acq: 17 Jan 2017 7:01

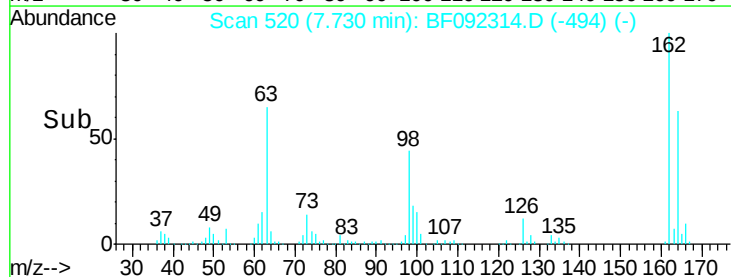
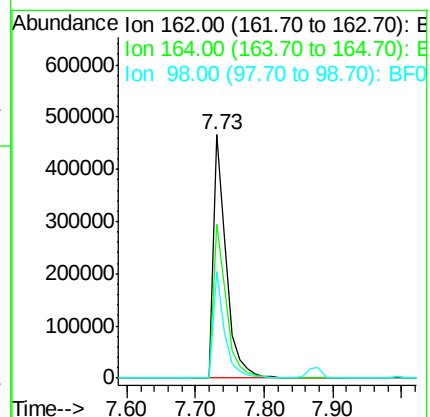
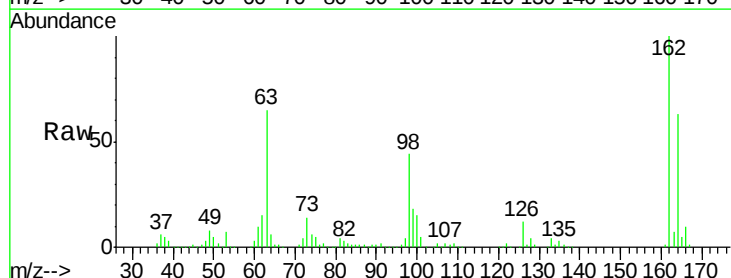
Tgt Ion: 162 Resp: 611214

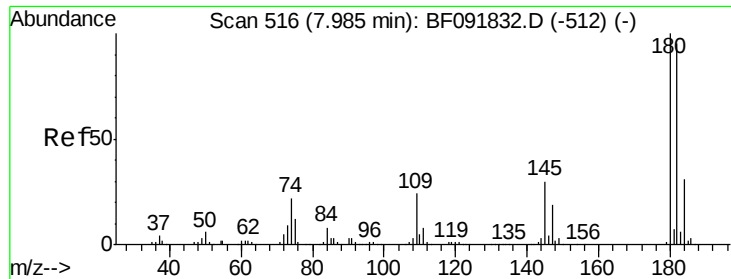
Ion Ratio Lower Upper

162 100

164 63.4 46.8 86.8

98 43.6 9.1 49.1

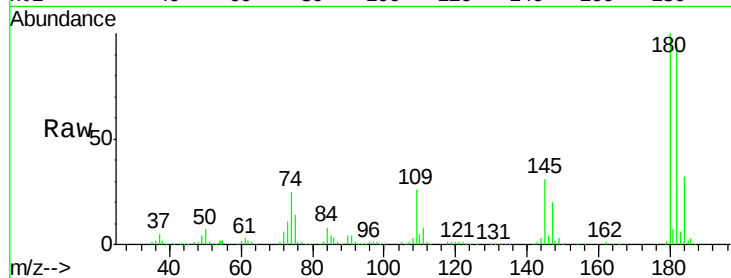




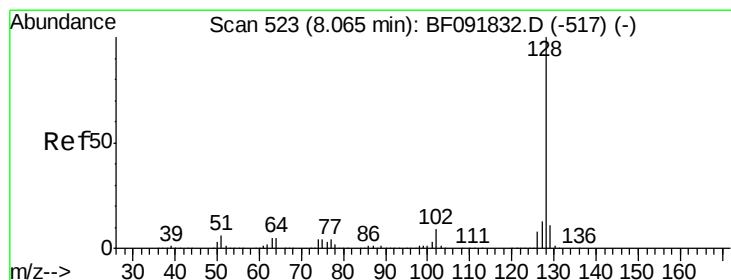
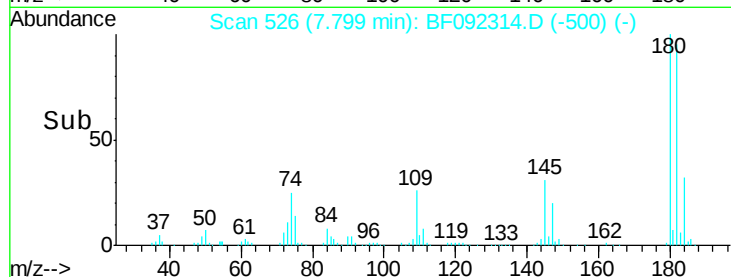
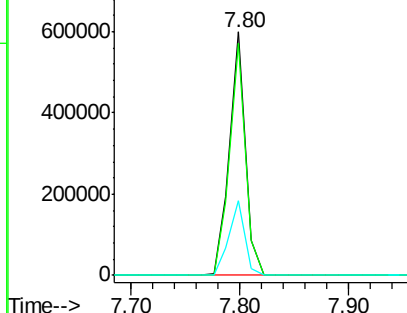
#30
 1,2,4-Trichlorobenzene
 Concen: 48.14 ng
 RT: 7.80 min Scan# 526
 Delta R.T. -0.00 min
 Lab File: BF092314.D
 Acq: 17 Jan 2017 7:01

Instrument :
 BNA_F
 ClientSampleId :
 TOD-WCS-011217MSD

Tgt Ion:180 Resp: 607523
 Ion Ratio Lower Upper
 180 100
 182 95.3 78.2 117.4
 145 30.6 21.6 32.4

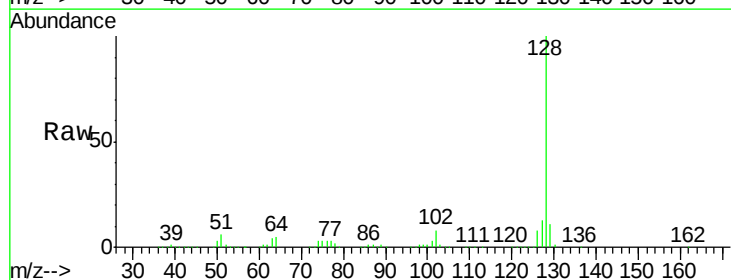


Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E

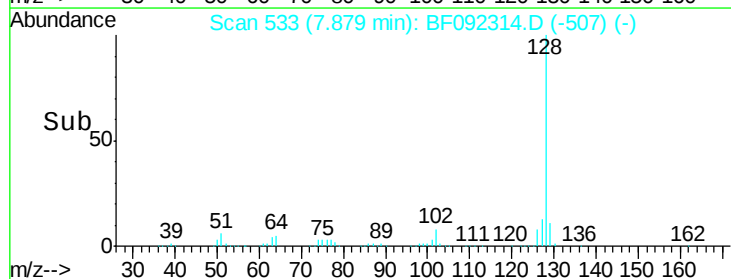
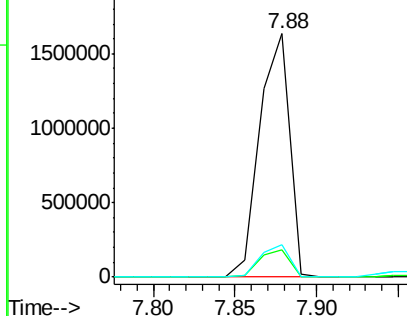


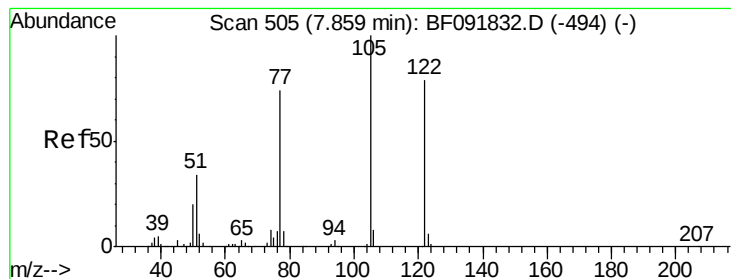
#31
 Naphthalene
 Concen: 52.39 ng
 RT: 7.88 min Scan# 533
 Delta R.T. -0.00 min
 Lab File: BF092314.D
 Acq: 17 Jan 2017 7:01

Tgt Ion:128 Resp: 2081482
 Ion Ratio Lower Upper
 128 100
 129 11.2 9.5 14.3
 127 13.3 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: 40.45 ng

RT: 7.71 min Scan# 518

Delta R.T. -0.00 min

Lab File: BF092314.D

Acq: 17 Jan 2017 7:01

Instrument :

BNA_F

ClientSampleId :

TOD-WCS-011217MSD

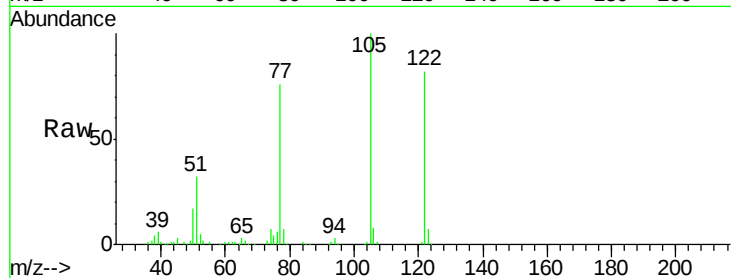
Tgt Ion:122 Resp: 408039

Ion Ratio Lower Upper

122 100

105 121.5 107.2 147.2

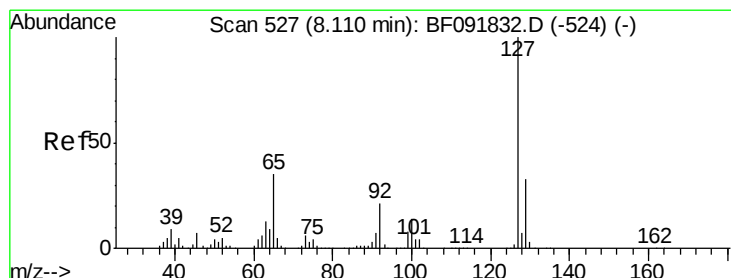
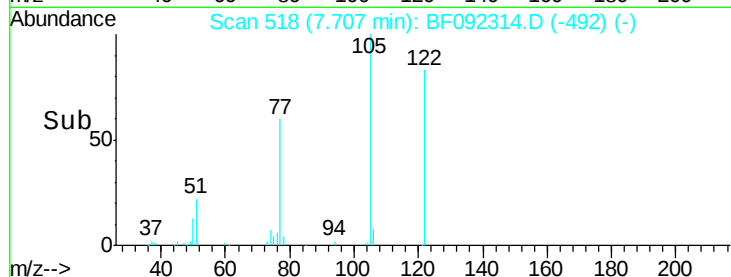
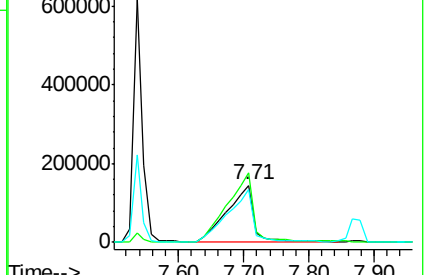
77 92.2 74.5 114.5



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



#33

4-Chloroaniline

Concen: 5.31 ng

RT: 7.95 min Scan# 539

Delta R.T. 0.01 min

Lab File: BF092314.D

Acq: 17 Jan 2017 7:01

Tgt Ion:127 Resp: 95185

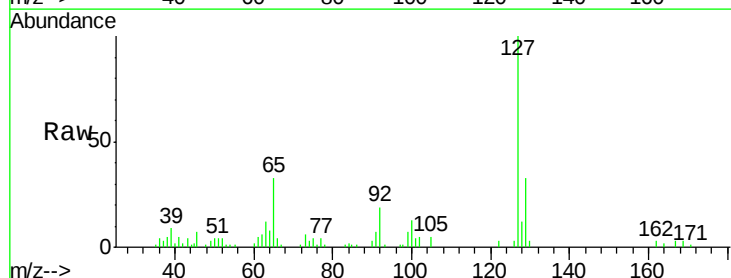
Ion Ratio Lower Upper

127 100

129 32.5 26.3 39.5

65 33.2 25.8 38.8

92 19.3 16.1 24.1

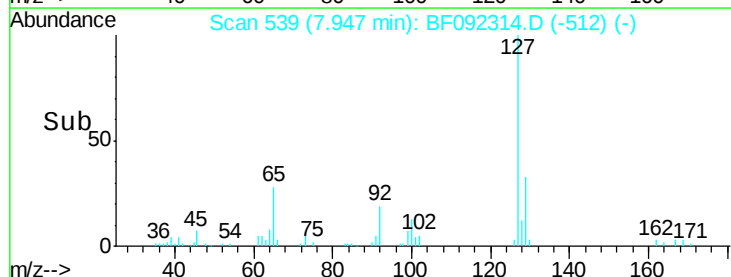
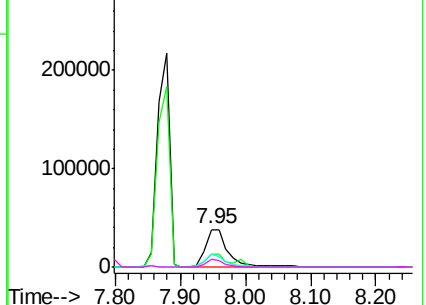


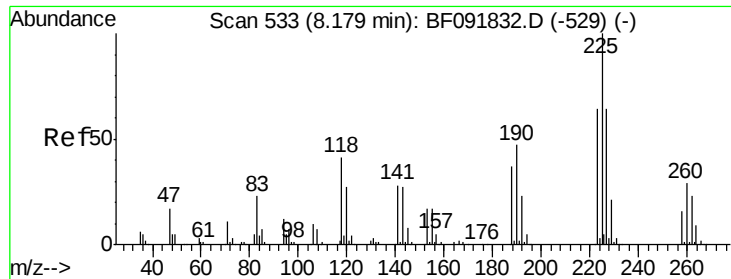
Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0

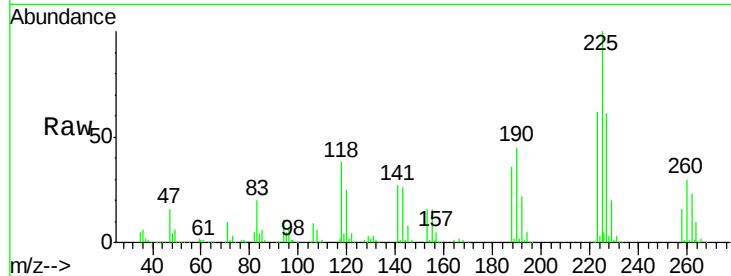




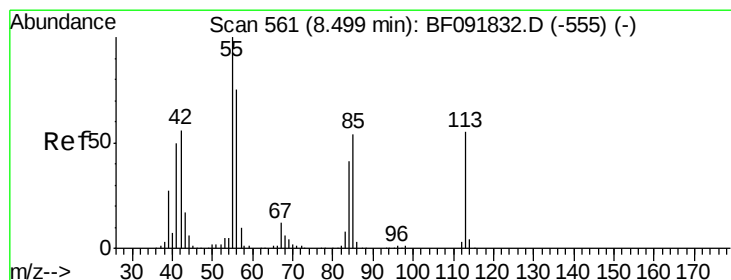
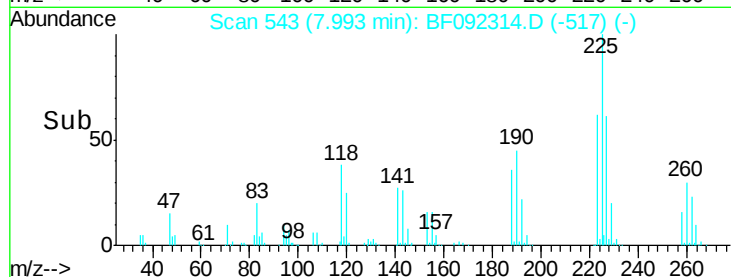
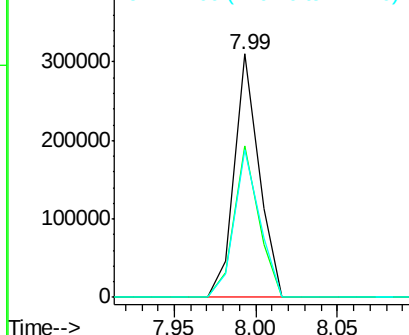
#34
Hexachlorobutadiene
Concen: 48.59 ng
RT: 7.99 min Scan# 543
Delta R.T. -0.00 min
Lab File: BF092314.D
Acq: 17 Jan 2017 7:01

Instrument :
BNA_F
ClientSampleId :
TOD-WCS-011217MSD

Tgt Ion: 225 Resp: 323659
Ion Ratio Lower Upper
225 100
223 62.4 51.0 76.6
227 60.8 50.6 76.0

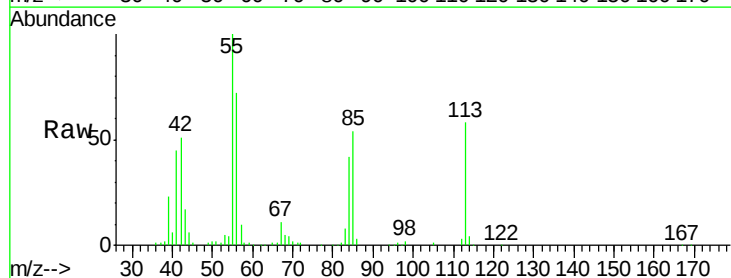


Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

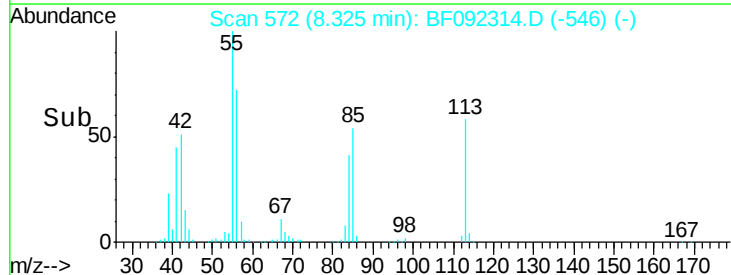
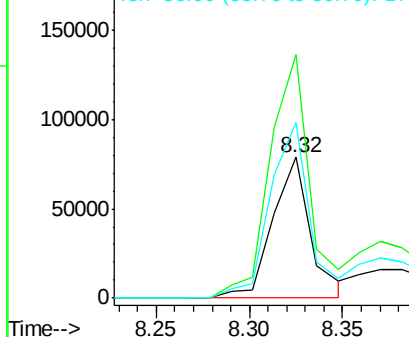


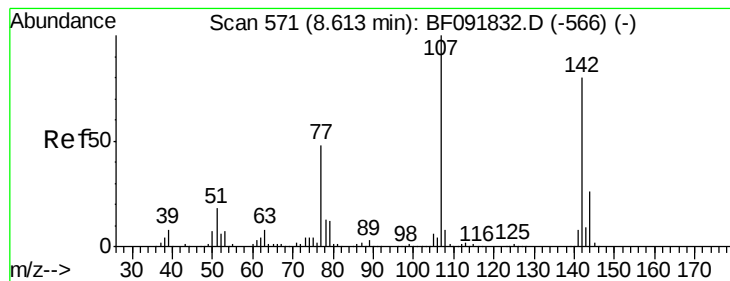
#35
Caprolactam
Concen: 29.31 ng
RT: 8.32 min Scan# 572
Delta R.T. -0.00 min
Lab File: BF092314.D
Acq: 17 Jan 2017 7:01

Tgt Ion: 113 Resp: 110931
Ion Ratio Lower Upper
113 100
55 173.2 119.2 159.2#
56 124.6 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: 48.05 ng

RT: 8.45 min Scan# 583

Delta R.T. 0.01 min

Lab File: BF092314.D

Acq: 17 Jan 2017 7:01

Instrument :

BNA_F

ClientSampleId :

TOD-WCS-011217MSD

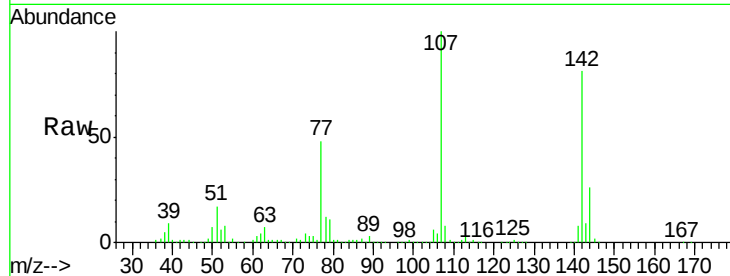
Tgt Ion:107 Resp: 636778

Ion Ratio Lower Upper

107 100

144 26.1 19.3 28.9

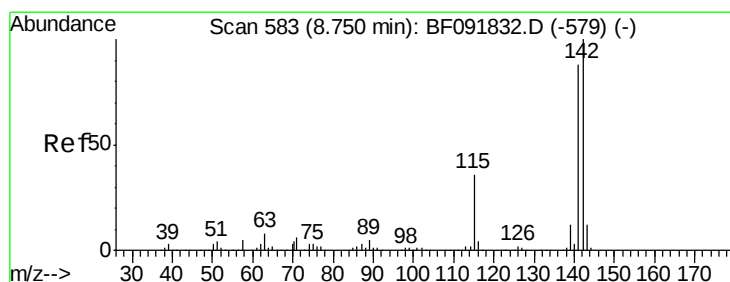
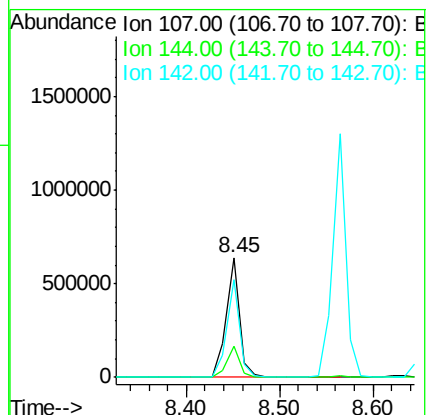
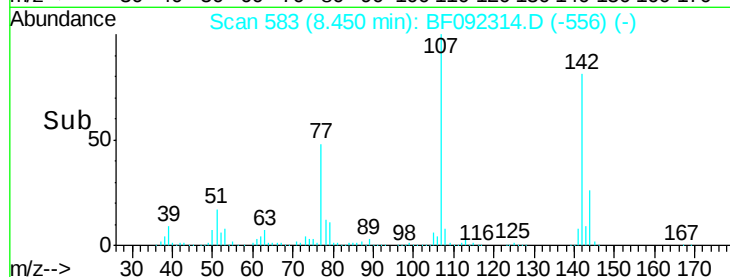
142 80.9 59.0 88.6



Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E



#37

2-Methylnaphthalene

Concen: 59.22 ng

RT: 8.56 min Scan# 593

Delta R.T. -0.00 min

Lab File: BF092314.D

Acq: 17 Jan 2017 7:01

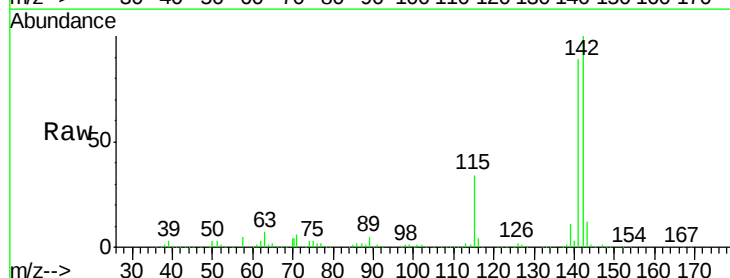
Tgt Ion:142 Resp: 1264249

Ion Ratio Lower Upper

142 100

141 88.5 71.0 106.6

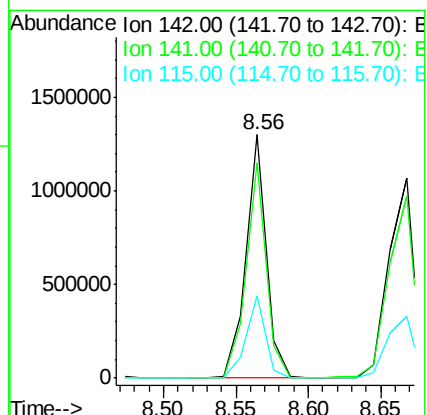
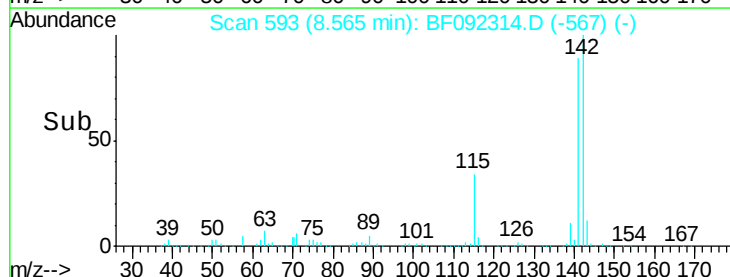
115 34.0 28.3 42.5

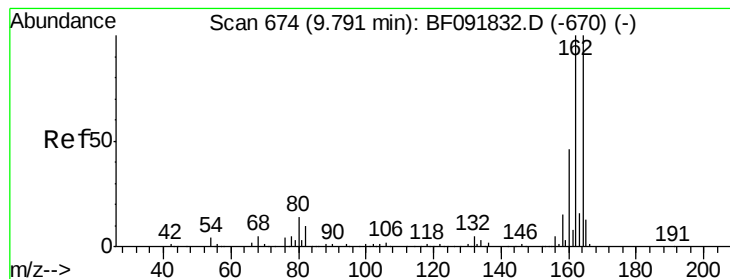


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.59 min Scan# 683

Delta R.T. -0.01 min

Lab File: BF092314.D

Acq: 17 Jan 2017 7:01

Instrument :

BNA_F

ClientSampleId :

TOD-WCS-011217MSD

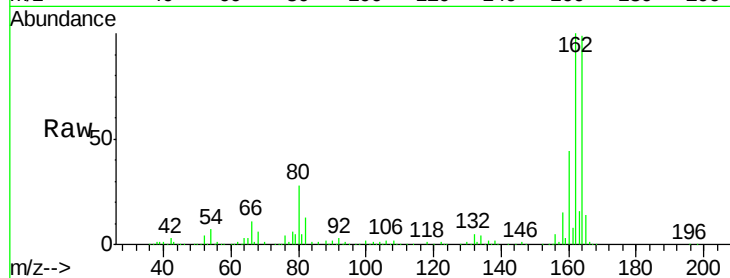
Tgt Ion:164 Resp: 423216

Ion Ratio Lower Upper

164 100

162 100.6 80.2 120.2

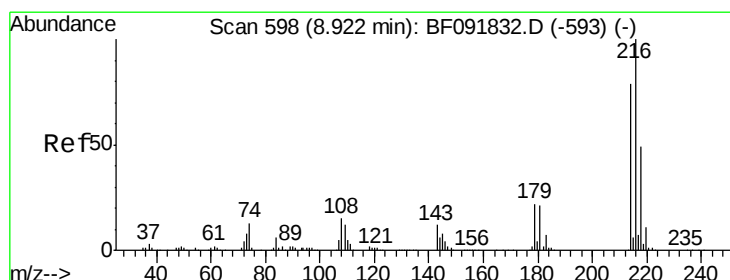
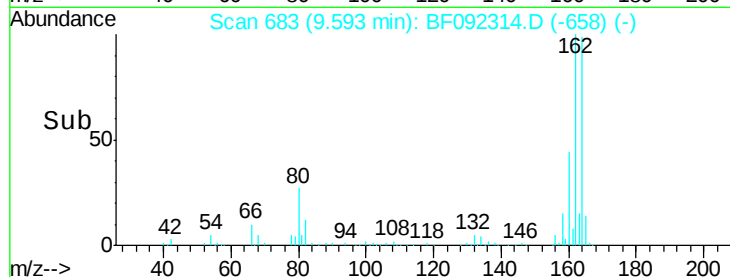
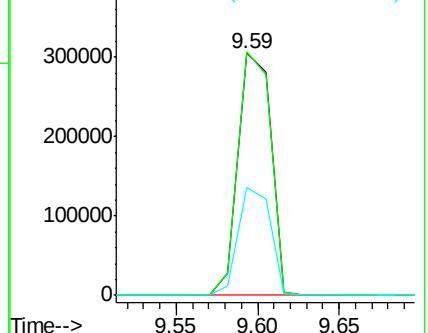
160 44.6 36.9 55.3



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: 53.72 ng

RT: 8.74 min Scan# 608

Delta R.T. -0.00 min

Lab File: BF092314.D

Acq: 17 Jan 2017 7:01

Tgt Ion:216 Resp: 574392

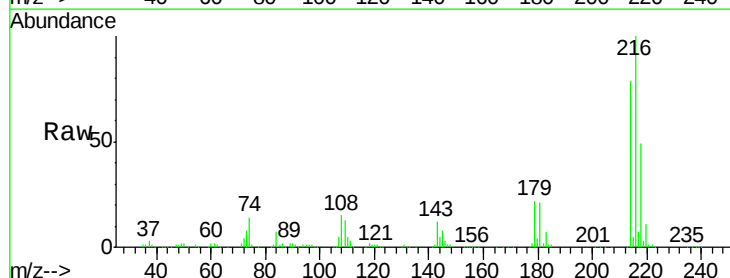
Ion Ratio Lower Upper

216 100

214 79.6 63.4 95.0

179 22.5 17.4 26.2

108 19.7 15.6 23.4

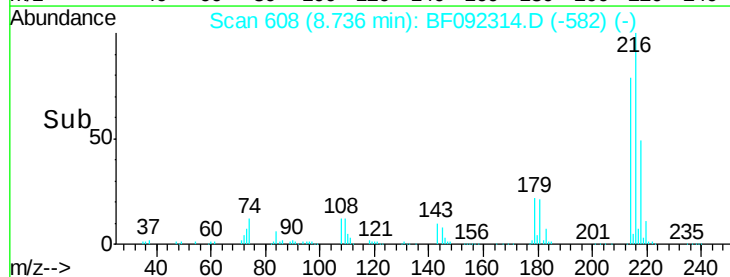
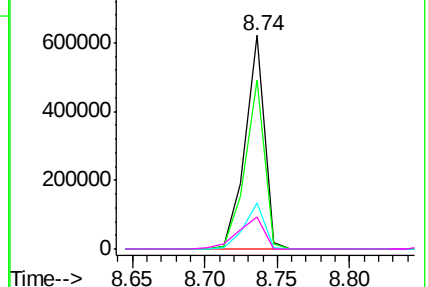


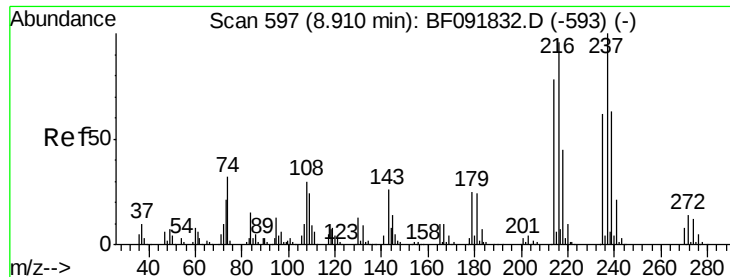
Abundance Ion 216.00 (215.70 to 216.70): E

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

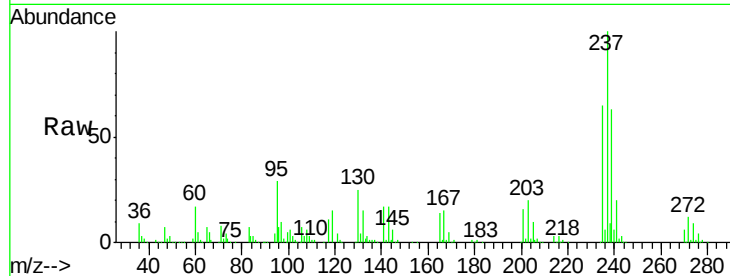




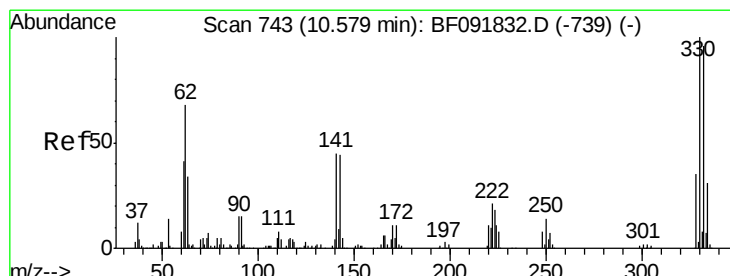
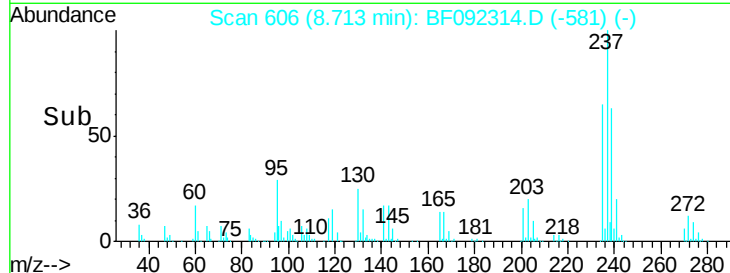
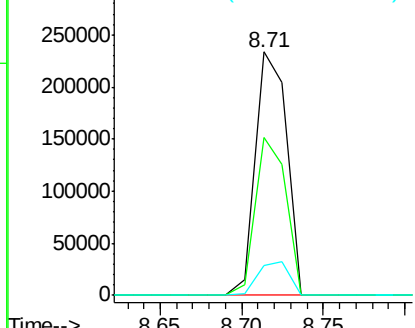
#40
Hexachlorocyclopentadiene
Concen: 66.12 ng
RT: 8.71 min Scan# 606
Delta R.T. -0.01 min
Lab File: BF092314.D
Acq: 17 Jan 2017 7:01

Instrument :
BNA_F
ClientSampleId :
TOD-WCS-011217MSD

Tgt Ion:237 Resp: 311404
Ion Ratio Lower Upper
237 100
235 64.7 41.2 81.2
272 12.4 0.0 35.4

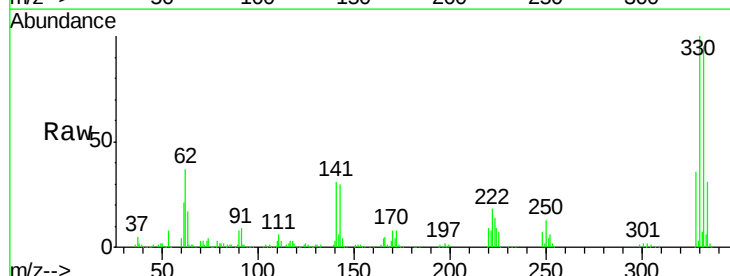


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

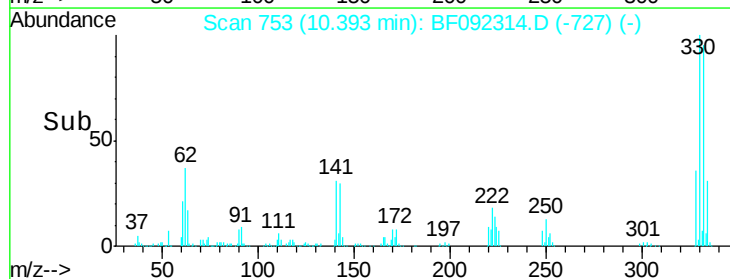
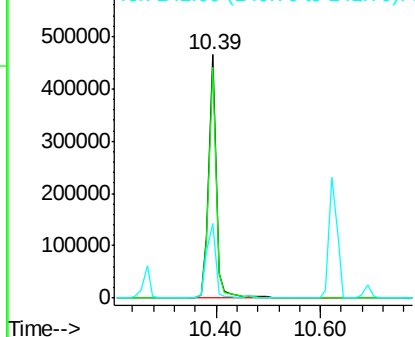


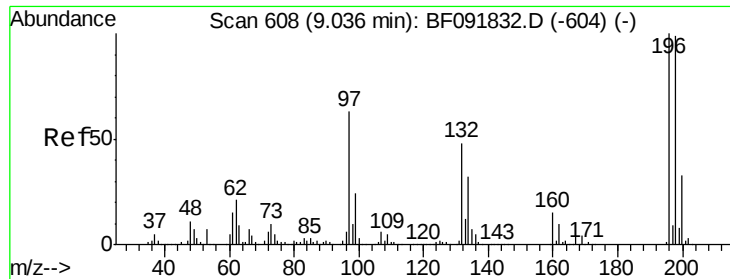
#41
2,4,6-Tribromophenol
Concen: 134.08 ng
RT: 10.39 min Scan# 753
Delta R.T. -0.00 min
Lab File: BF092314.D
Acq: 17 Jan 2017 7:01

Tgt Ion:330 Resp: 469599
Ion Ratio Lower Upper
330 100
332 95.0 77.4 116.2
141 37.0 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

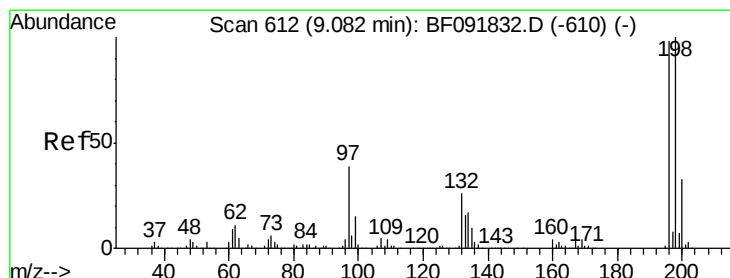
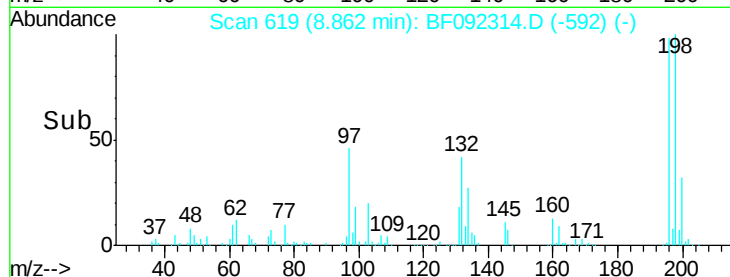
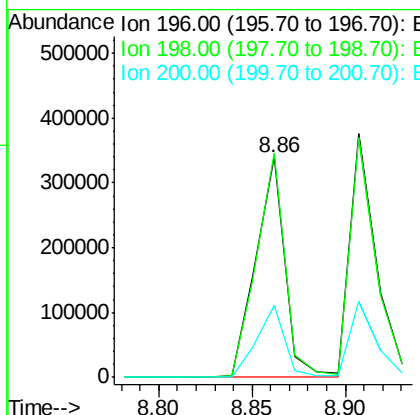
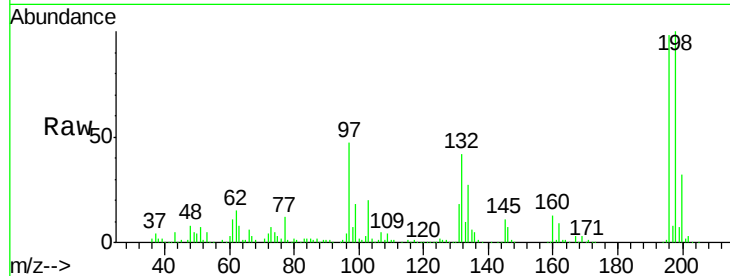




#42
 2,4,6-Trichlorophenol
 Concen: 49.71 ng
 RT: 8.86 min Scan# 619
 Delta R.T. 0.01 min
 Lab File: BF092314.D
 Acq: 17 Jan 2017 7:01

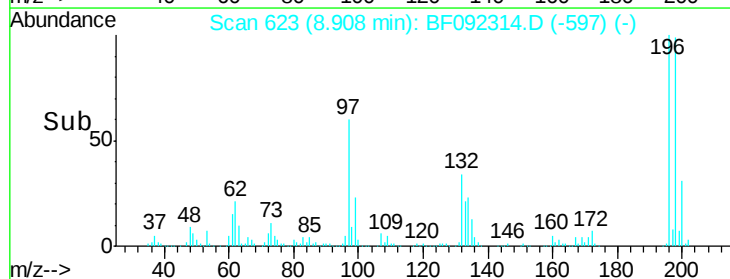
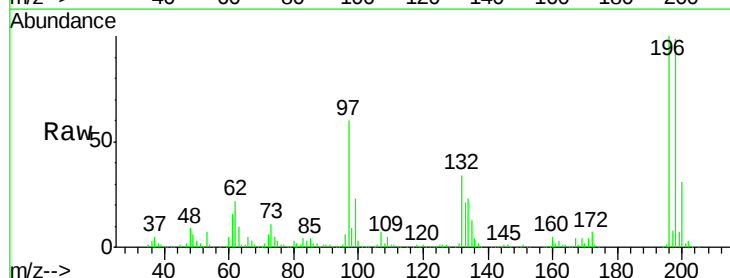
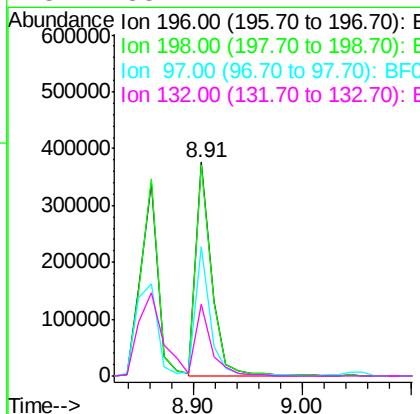
Instrument :
 BNA_F
 ClientSampleId :
 TOD-WCS-011217MSD

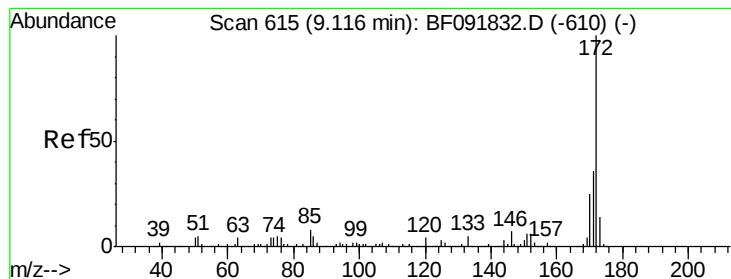
Tgt Ion:196 Resp: 371748
 Ion Ratio Lower Upper
 196 100
 198 101.9 82.1 123.1
 200 32.7 27.0 40.4



#43
 2,4,5-Trichlorophenol
 Concen: 48.76 ng
 RT: 8.91 min Scan# 623
 Delta R.T. -0.00 min
 Lab File: BF092314.D
 Acq: 17 Jan 2017 7:01

Tgt Ion:196 Resp: 375224
 Ion Ratio Lower Upper
 196 100
 198 98.7 79.4 119.2
 97 60.3 51.5 77.3
 132 33.7 27.4 41.2

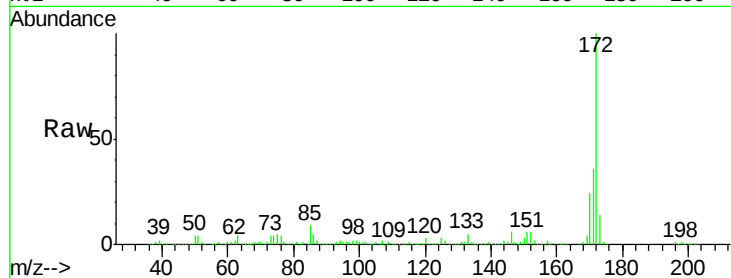




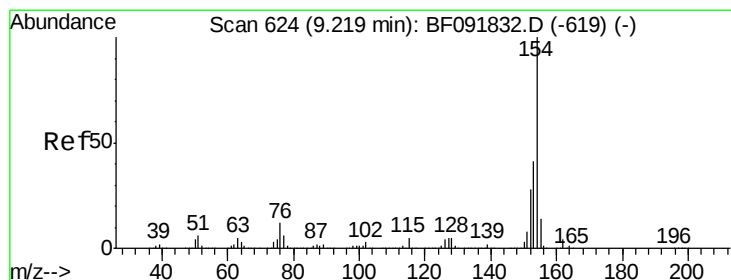
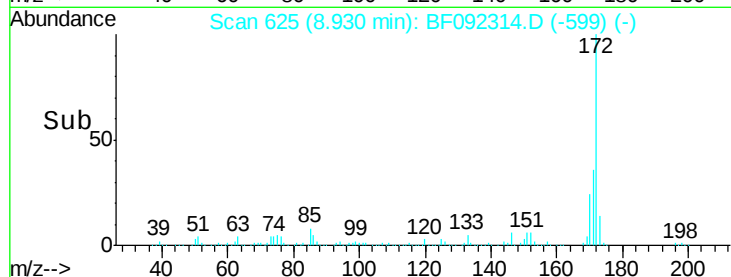
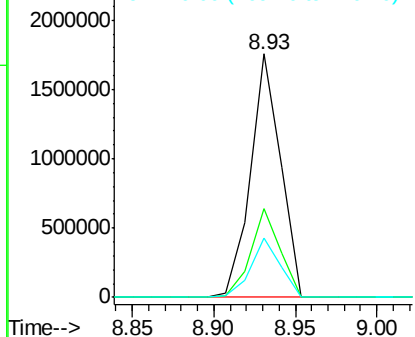
#44
 2-Fluorobiphenyl
 Concen: 112.62 ng
 RT: 8.93 min Scan# 625
 Delta R.T. -0.00 min
 Lab File: BF092314.D
 Acq: 17 Jan 2017 7:01

Instrument :
 BNA_F
 ClientSampleId :
 TOD-WCS-011217MSD

Tgt Ion:172 Resp: 2239684
 Ion Ratio Lower Upper
 172 100
 171 36.2 29.4 44.0
 170 24.5 20.2 30.4

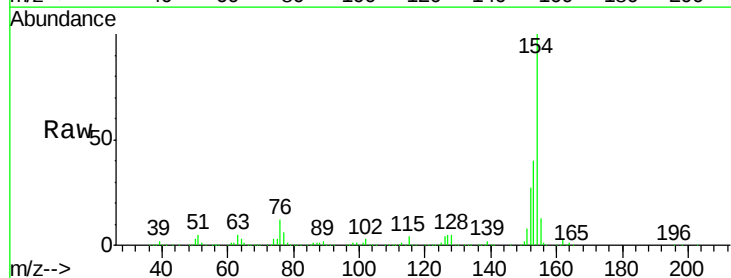


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

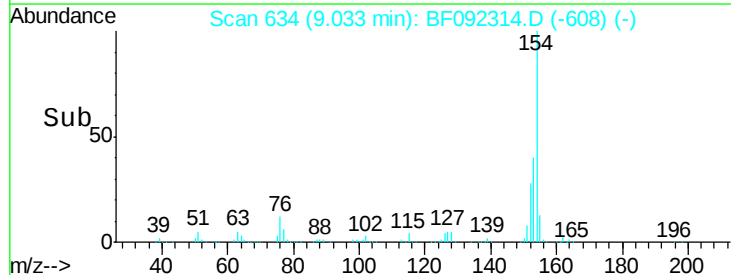
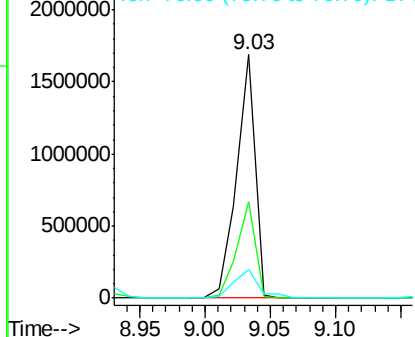


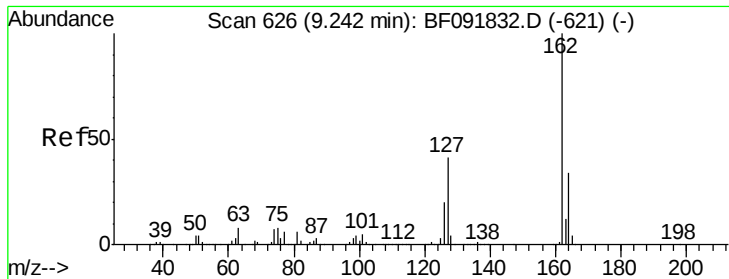
#45
 1,1'-Biphenyl
 Concen: 57.08 ng
 RT: 9.03 min Scan# 634
 Delta R.T. -0.00 min
 Lab File: BF092314.D
 Acq: 17 Jan 2017 7:01

Tgt Ion:154 Resp: 1654173
 Ion Ratio Lower Upper
 154 100
 153 39.7 20.9 60.9
 76 11.8 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: 53.81 ng

RT: 9.06 min Scan# 636

Delta R.T. -0.00 min

Lab File: BF092314.D

Acq: 17 Jan 2017 7:01

Instrument :

BNA_F

ClientSampleId :

TOD-WCS-011217MSD

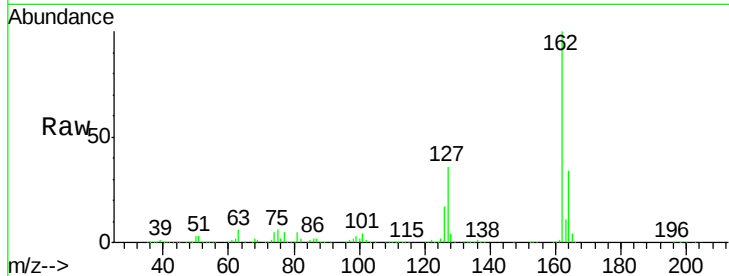
Tgt Ion:162 Resp: 1234907

Ion Ratio Lower Upper

162 100

127 36.1 30.7 46.1

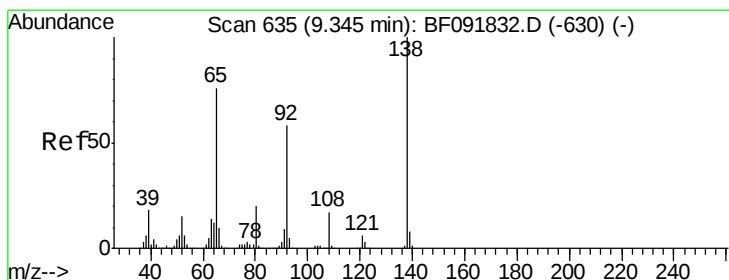
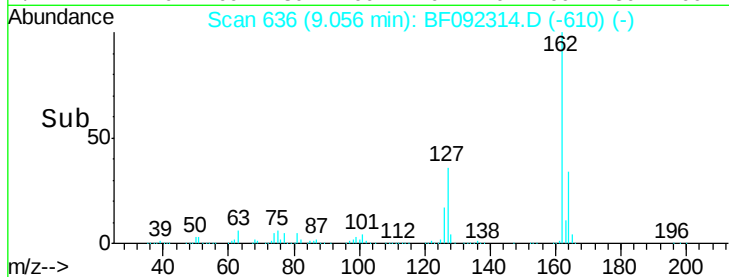
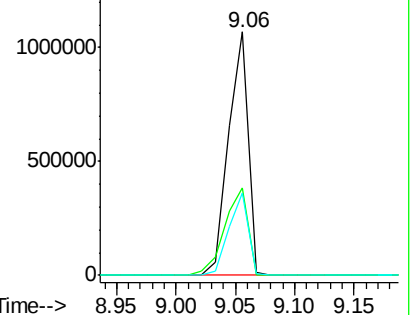
164 33.7 27.6 41.4



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#47

2-Nitroaniline

Concen: 41.35 ng

RT: 9.16 min Scan# 645

Delta R.T. -0.00 min

Lab File: BF092314.D

Acq: 17 Jan 2017 7:01

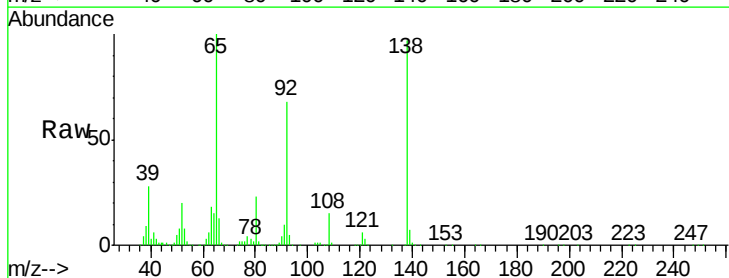
Tgt Ion: 65 Resp: 337850

Ion Ratio Lower Upper

65 100

92 67.7 53.9 80.9

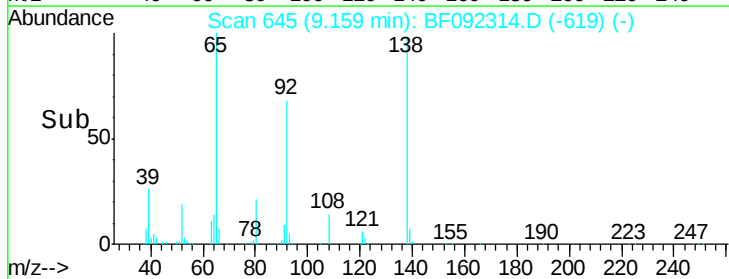
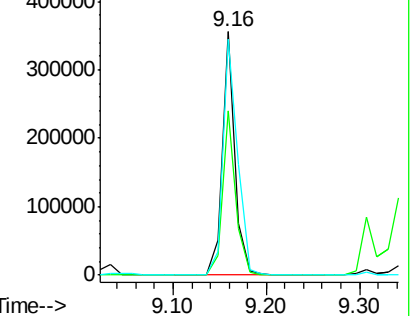
138 97.1 76.8 115.2

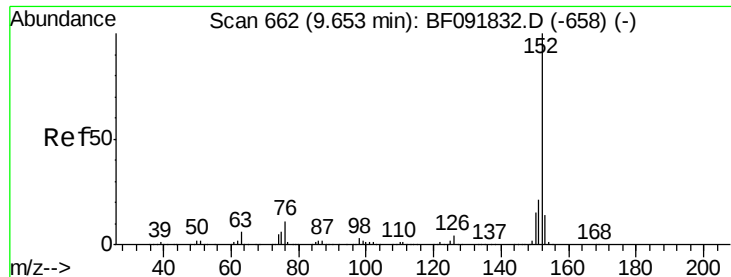


Abundance Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0

Ion 138.00 (137.70 to 138.70): E





#48

Acenaphthylene

Concen: 49.18 ng

RT: 9.46 min Scan# 671

Delta R.T. -0.00 min

Lab File: BF092314.D

Acq: 17 Jan 2017 7:01

Instrument :

BNA_F

ClientSampleId :

TOD-WCS-011217MSD

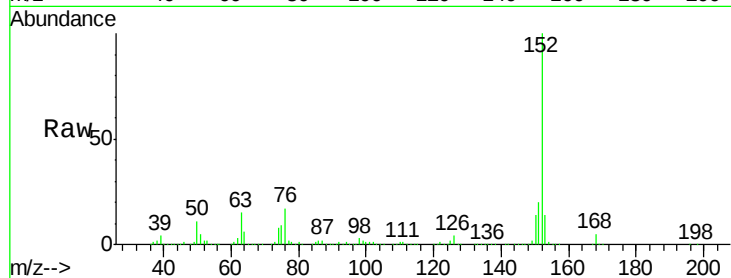
Tgt Ion:152 Resp: 1735617

Ion Ratio Lower Upper

152 100

151 20.2 16.9 25.3

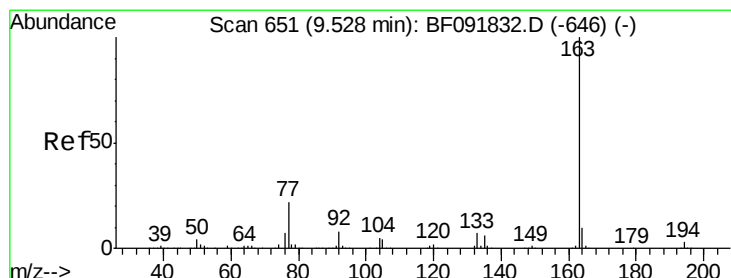
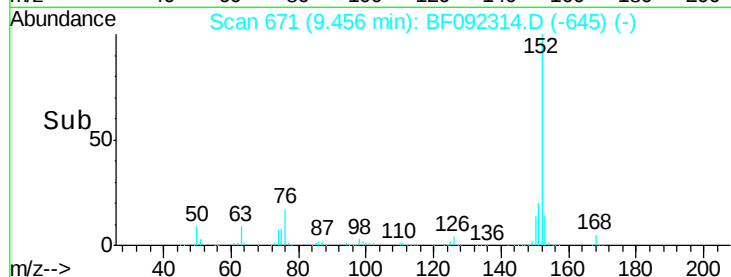
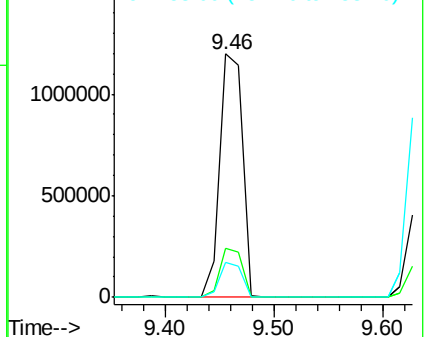
153 14.5 11.4 17.2



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: 50.04 ng

RT: 9.34 min Scan# 661

Delta R.T. -0.00 min

Lab File: BF092314.D

Acq: 17 Jan 2017 7:01

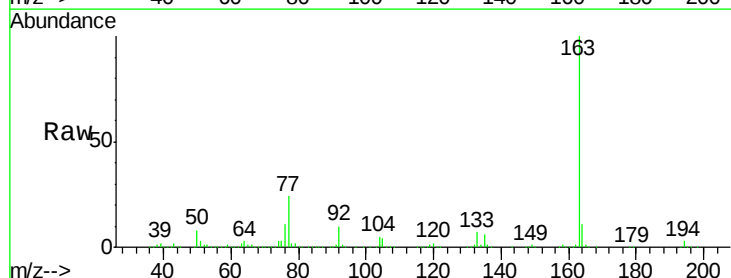
Tgt Ion:163 Resp: 1354487

Ion Ratio Lower Upper

163 100

194 3.3 3.0 4.4

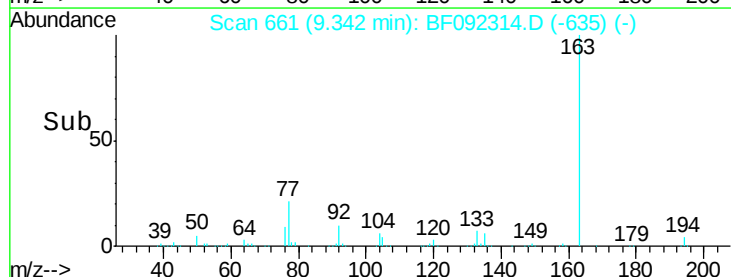
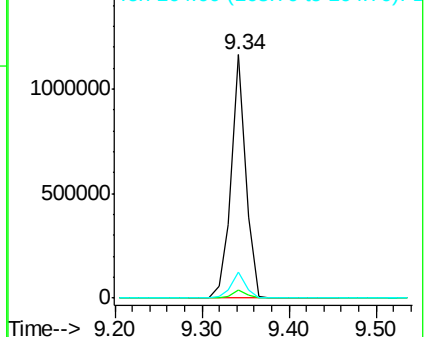
164 10.6 8.0 12.0

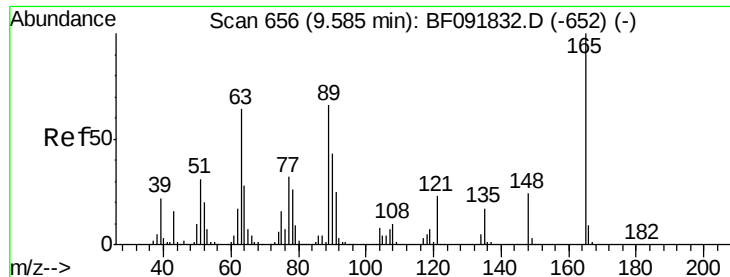


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

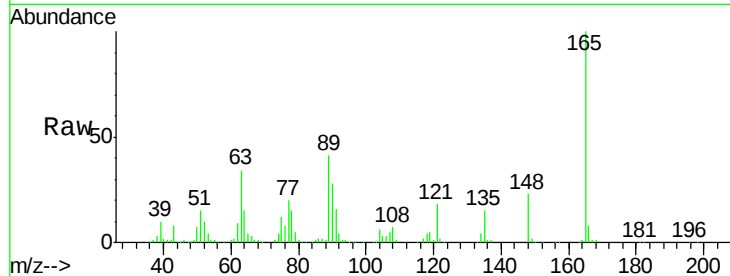




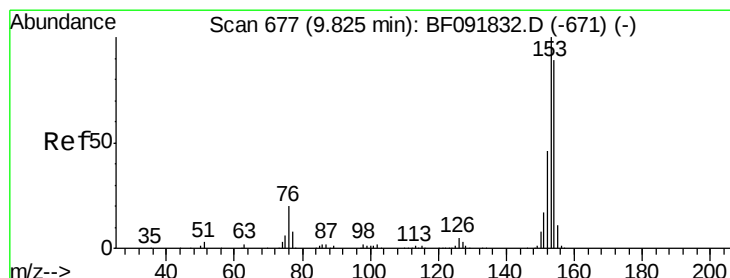
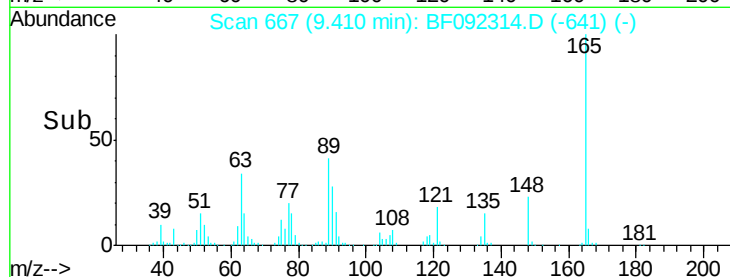
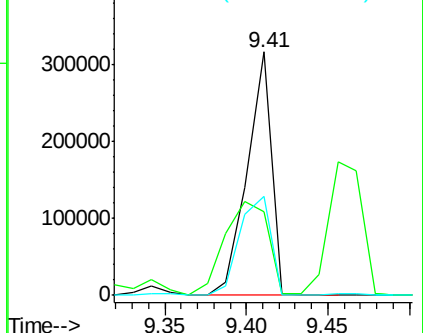
#50
 2,6-Dinitrotoluene
 Concen: 55.46 ng
 RT: 9.41 min Scan# 667
 Delta R.T. -0.00 min
 Lab File: BF092314.D
 Acq: 17 Jan 2017 7:01

Instrument :
 BNA_F
 ClientSampleId :
 TOD-WCS-011217MSD

Tgt Ion:165 Resp: 328585
 Ion Ratio Lower Upper
 165 100
 63 34.1 36.2 54.4#
 89 40.9 40.2 60.4

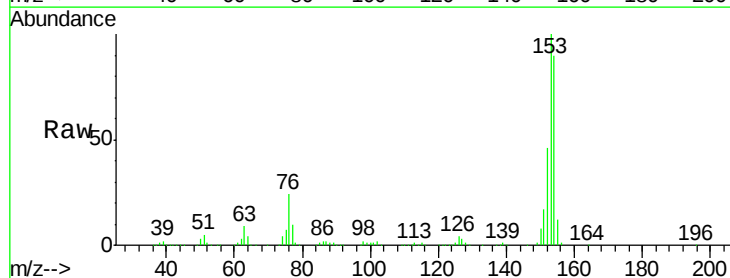


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0

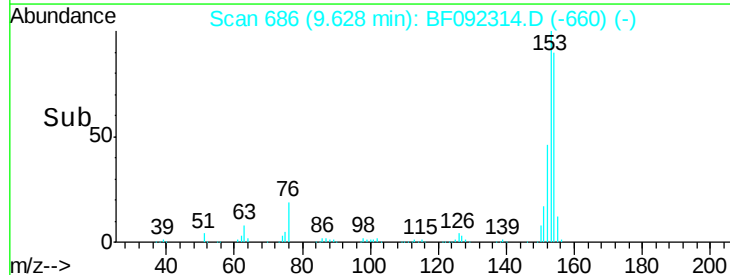
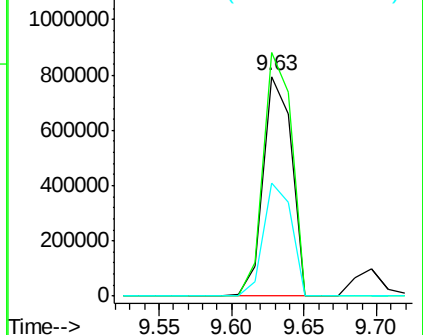


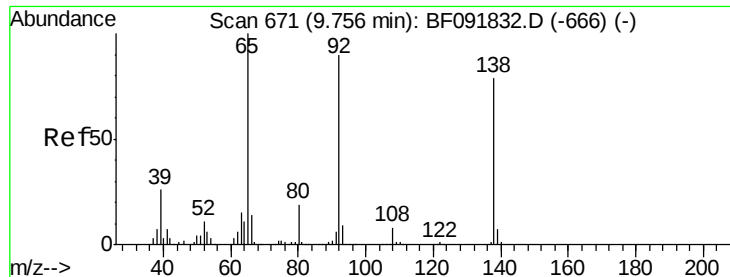
#51
 Acenaphthene
 Concen: 45.09 ng
 RT: 9.63 min Scan# 686
 Delta R.T. -0.00 min
 Lab File: BF092314.D
 Acq: 17 Jan 2017 7:01

Tgt Ion:154 Resp: 1078925
 Ion Ratio Lower Upper
 154 100
 153 111.0 88.6 133.0
 152 51.3 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

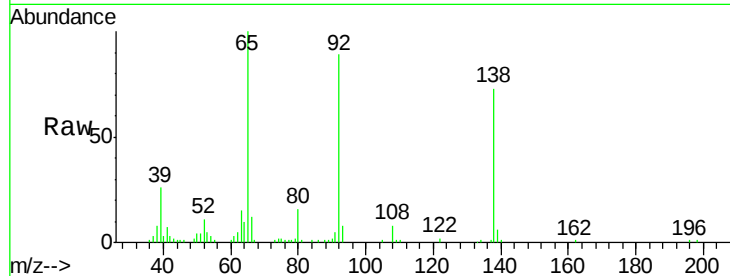




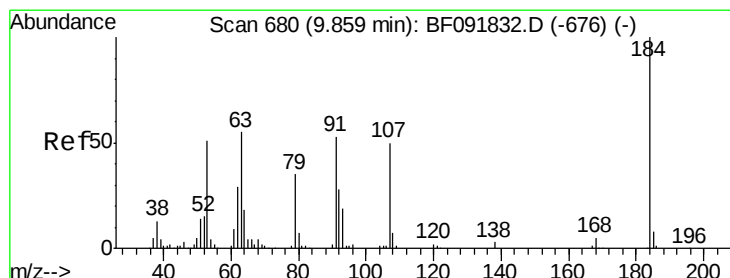
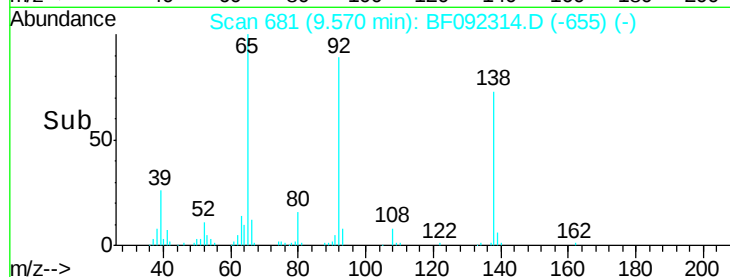
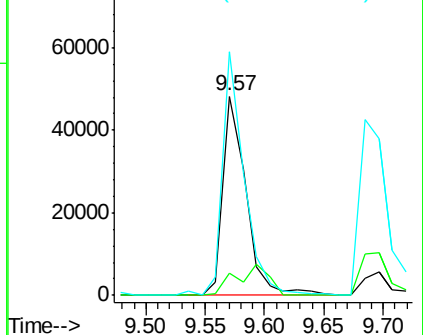
#52
3-Nitroaniline
Concen: 8.86 ng
RT: 9.57 min Scan# 681
Delta R.T. -0.00 min
Lab File: BF092314.D
Acq: 17 Jan 2017 7:01

Instrument :
BNA_F
ClientSampleId :
TOD-WCS-011217MSD

Tgt Ion:138 Resp: 64993
Ion Ratio Lower Upper
138 100
108 11.3 8.5 12.7
92 122.5 97.8 146.8

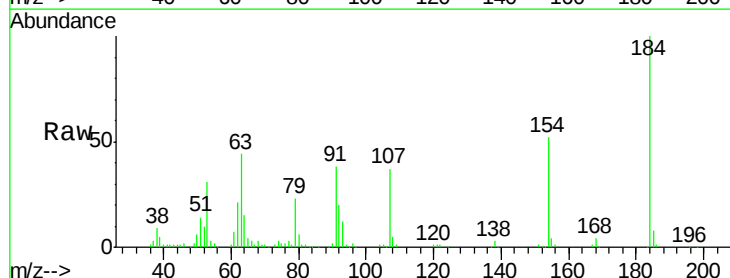


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): E

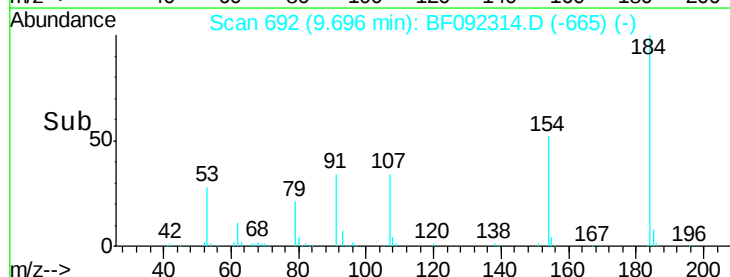
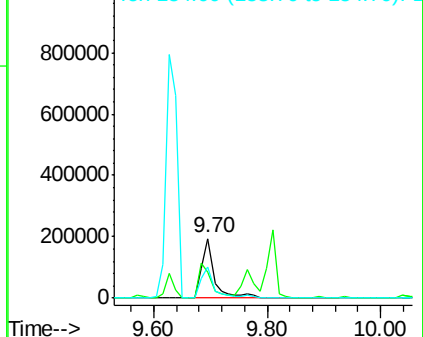


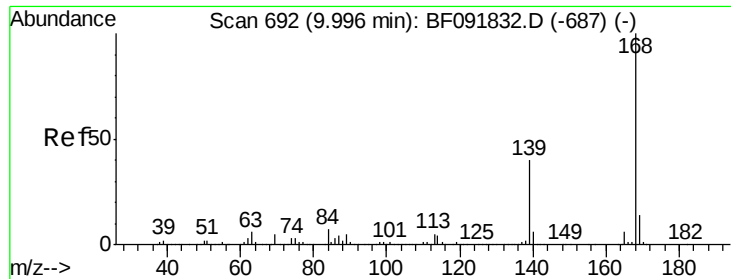
#53
2,4-Dinitrophenol
Concen: 90.07 ng
RT: 9.70 min Scan# 692
Delta R.T. 0.01 min
Lab File: BF092314.D
Acq: 17 Jan 2017 7:01

Tgt Ion:184 Resp: 296922
Ion Ratio Lower Upper
184 100
63 44.0 28.4 42.6#
154 51.9 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

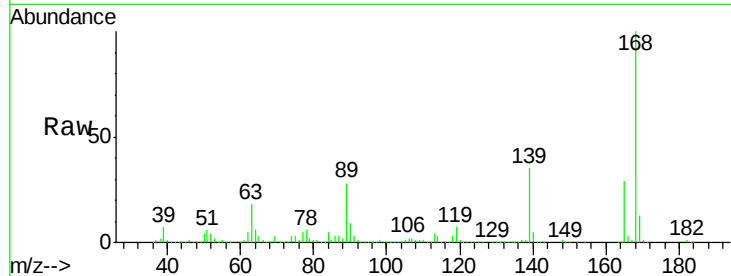




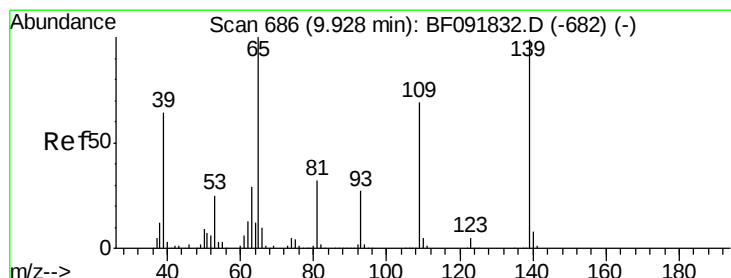
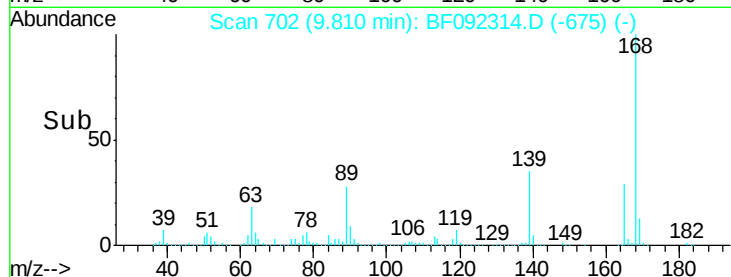
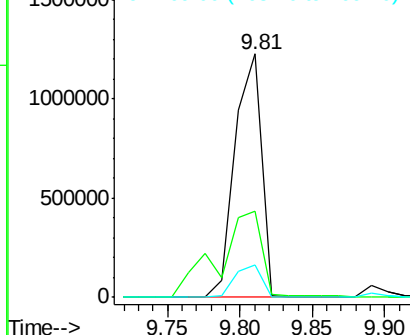
#54
Dibenzofuran
Concen: 48.19 ng
RT: 9.81 min Scan# 702
Delta R.T. 0.01 min
Lab File: BF092314.D
Acq: 17 Jan 2017 7:01

Instrument :
BNA_F
ClientSampleId :
TOD-WCS-011217MSD

Tgt Ion:168 Resp: 1557088
Ion Ratio Lower Upper
168 100
139 35.2 32.6 49.0
169 13.2 11.3 16.9

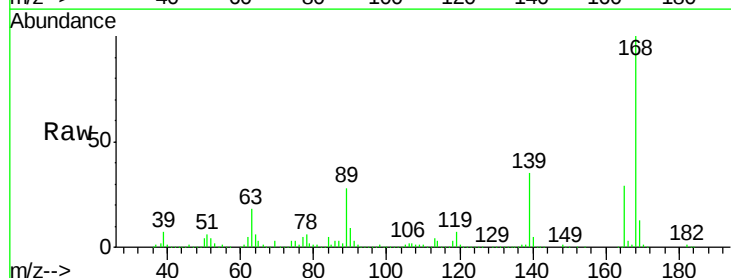


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

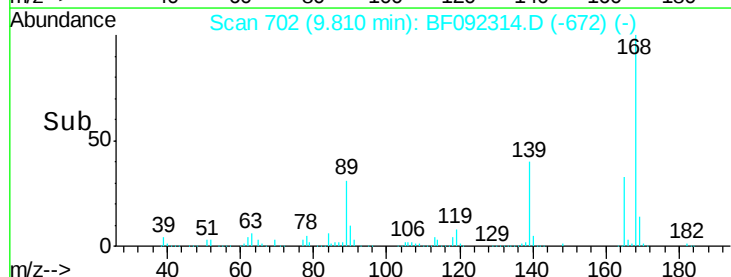
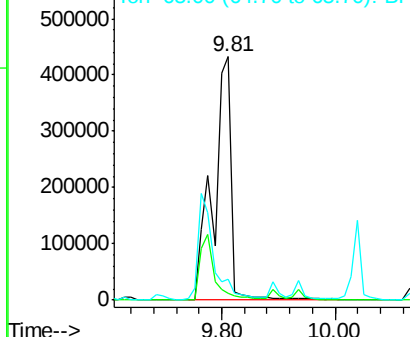


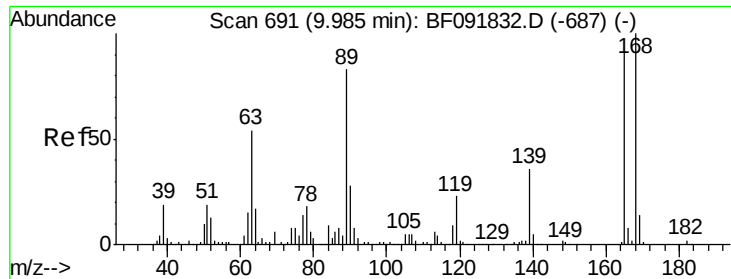
#55
4-Nitrophenol
Concen: 186.69 ng
RT: 9.81 min Scan# 702
Delta R.T. 0.05 min
Lab File: BF092314.D
Acq: 17 Jan 2017 7:01

Tgt Ion:139 Resp: 929397
Ion Ratio Lower Upper
139 100
109 2.9 52.2 92.2#
65 8.4 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

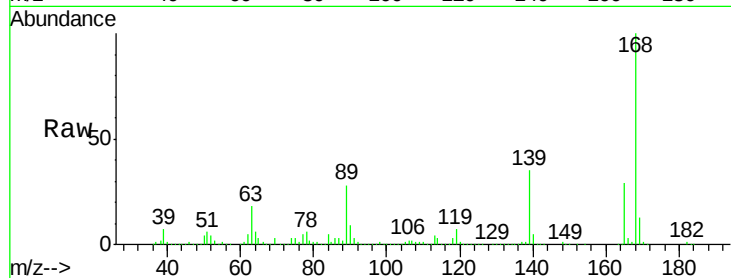




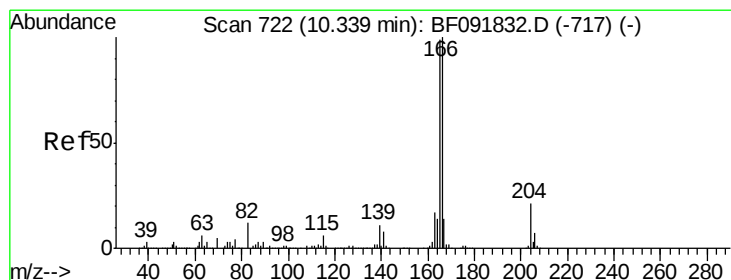
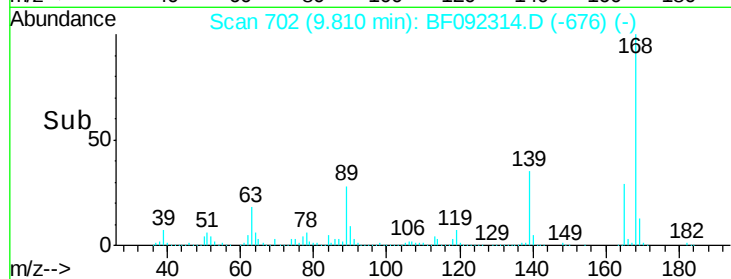
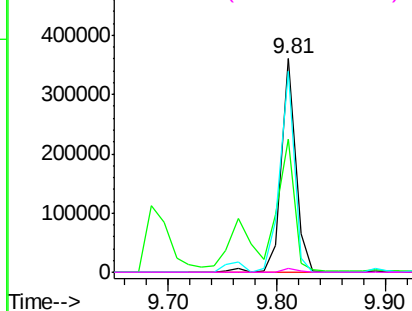
#56
2,4-Dinitrotoluene
Concen: 44.81 ng
RT: 9.81 min Scan# 702
Delta R.T. -0.00 min
Lab File: BF092314.D
Acq: 17 Jan 2017 7:01

Instrument :
BNA_F
ClientSampleId :
TOD-WCS-011217MSD

Tgt Ion:165 Resp: 333241
Ion Ratio Lower Upper
165 100
63 62.2 40.2 60.4#
89 93.9 62.5 93.7#
182 2.1 1.8 2.8

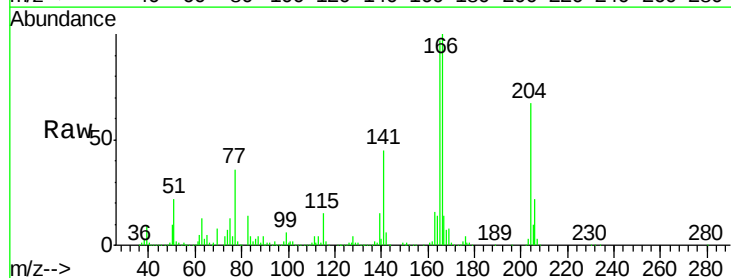


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0
Ion 182.00 (181.70 to 182.70): E

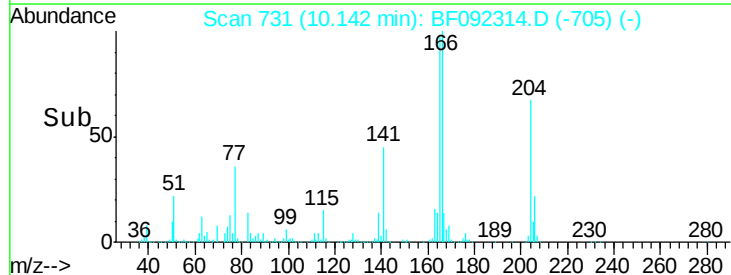
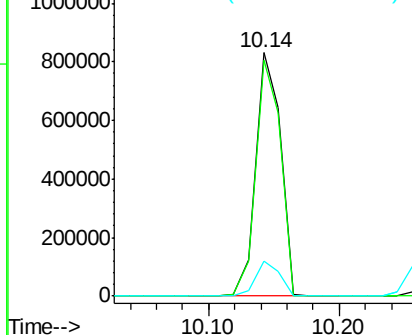


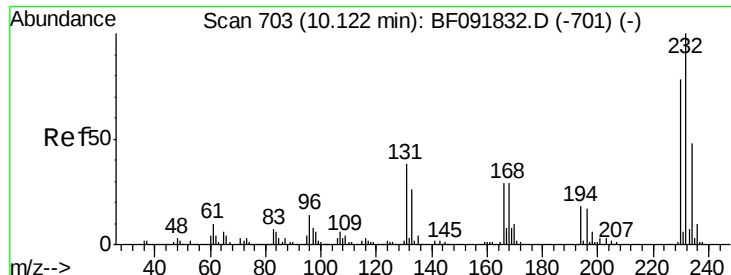
#57
Fluorene
Concen: 46.88 ng
RT: 10.14 min Scan# 731
Delta R.T. -0.00 min
Lab File: BF092314.D
Acq: 17 Jan 2017 7:01

Tgt Ion:166 Resp: 1102171
Ion Ratio Lower Upper
166 100
165 97.1 77.8 116.8
167 14.1 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

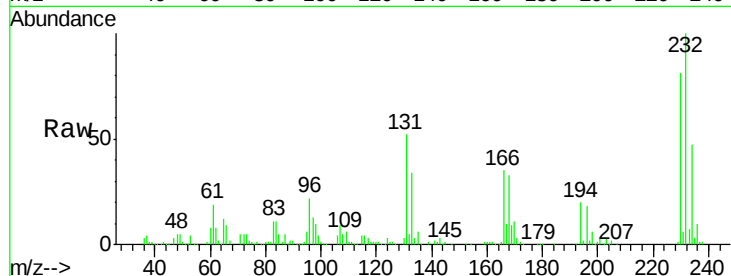




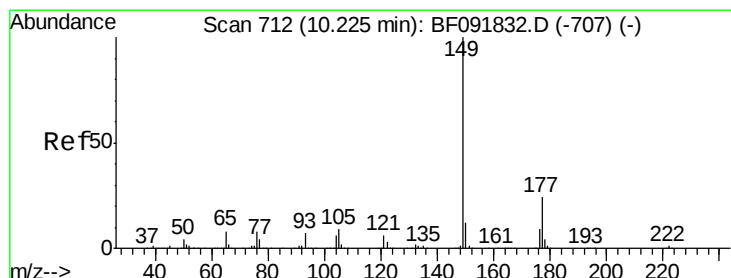
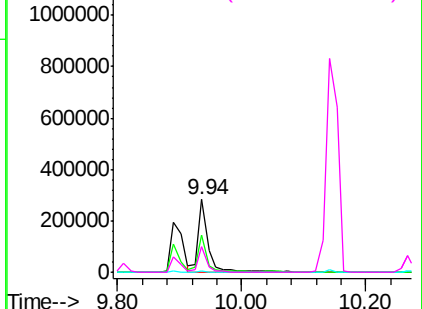
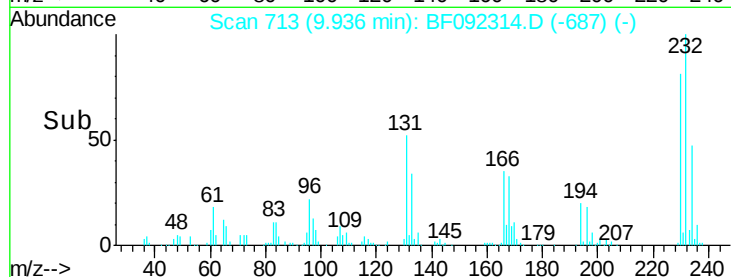
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 52.31 ng
 RT: 9.94 min Scan# 713
 Delta R.T. -0.00 min
 Lab File: BF092314.D
 Acq: 17 Jan 2017 7:01

Instrument :
 BNA_F
 ClientSampleId :
 TOD-WCS-011217MSD

Tgt Ion: 232 Resp: 318388
 Ion Ratio Lower Upper
 232 100
 131 46.3 40.1 60.1
 130 2.3 1.8 2.8
 166 29.8 26.6 39.8

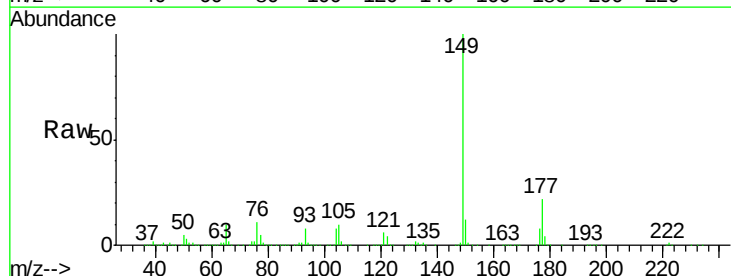


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

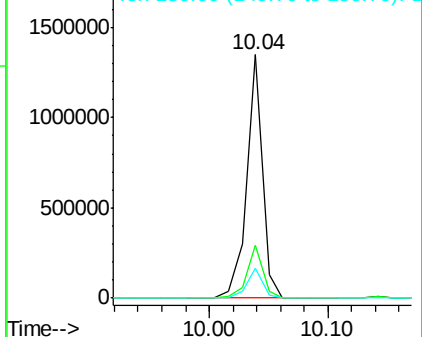
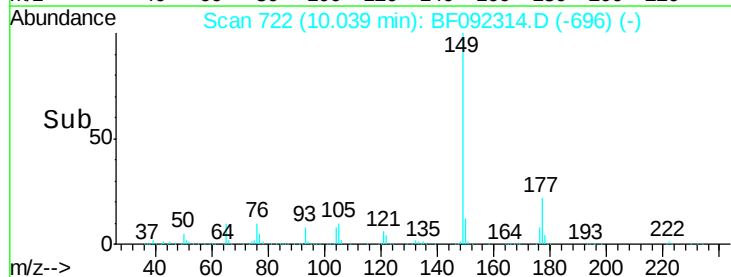


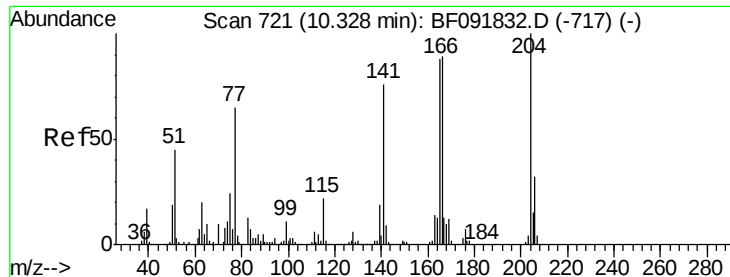
#59
 Diethylphthalate
 Concen: 47.57 ng
 RT: 10.04 min Scan# 722
 Delta R.T. -0.00 min
 Lab File: BF092314.D
 Acq: 17 Jan 2017 7:01

Tgt Ion: 149 Resp: 1250453
 Ion Ratio Lower Upper
 149 100
 177 21.6 16.6 25.0
 150 12.5 10.4 15.6



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

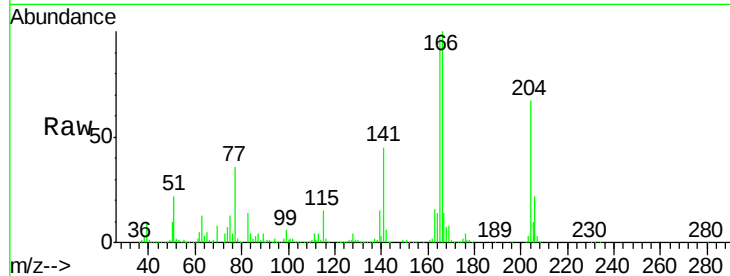




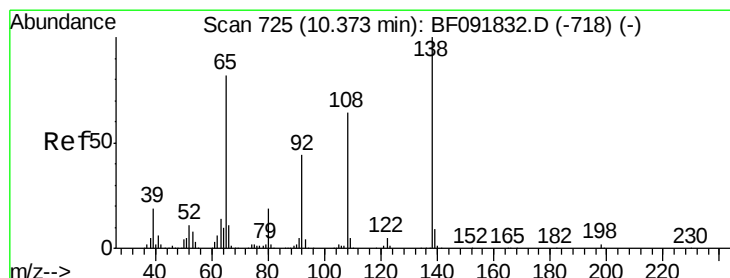
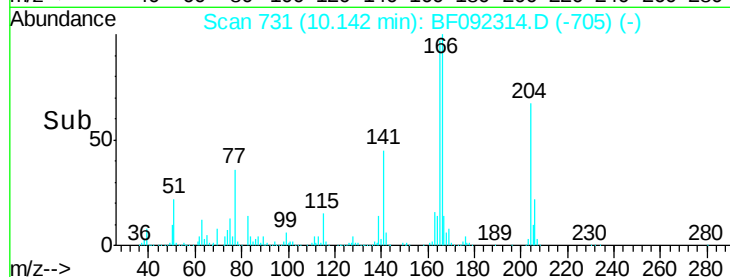
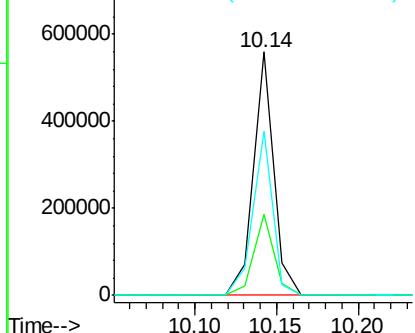
#60
4-Chlorophenyl-phenylether
Concen: 47.23 ng
RT: 10.14 min Scan# 731
Delta R.T. -0.00 min
Lab File: BF092314.D
Acq: 17 Jan 2017 7:01

Instrument :
BNA_F
ClientSampleId :
TOD-WCS-011217MSD

Tgt Ion:204 Resp: 486190
Ion Ratio Lower Upper
204 100
206 33.3 25.8 38.6
141 67.4 59.4 89.0

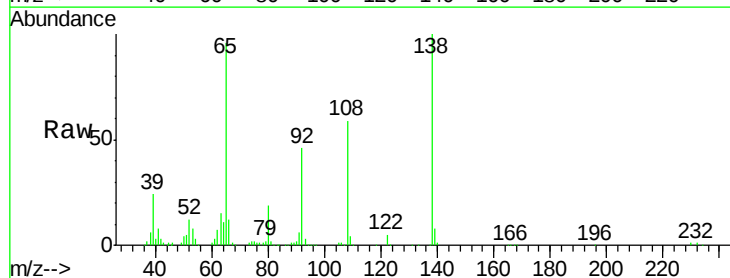


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

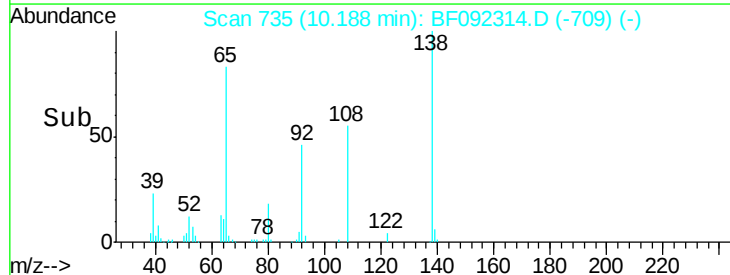
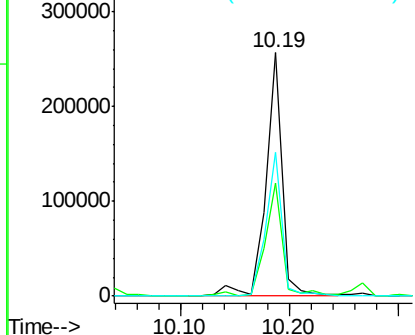


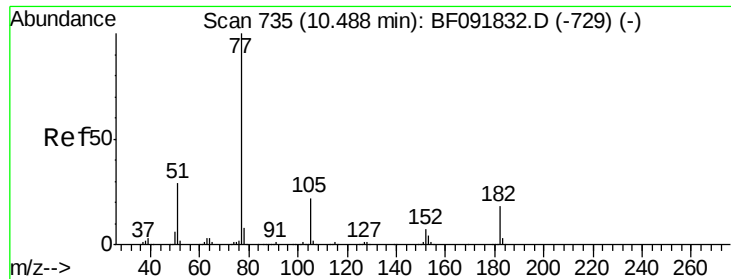
#61
4-Nitroaniline
Concen: 35.80 ng
RT: 10.19 min Scan# 735
Delta R.T. -0.00 min
Lab File: BF092314.D
Acq: 17 Jan 2017 7:01

Tgt Ion:138 Resp: 272023
Ion Ratio Lower Upper
138 100
92 46.3 31.7 71.7
108 58.8 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: 51.60 ng

RT: 10.30 min Scan# 745

Delta R.T. -0.00 min

Lab File: BF092314.D

Acq: 17 Jan 2017 7:01

Instrument :

BNA_F

ClientSampleId :

TOD-WCS-011217MSD

Tgt Ion: 77 Resp: 1493349

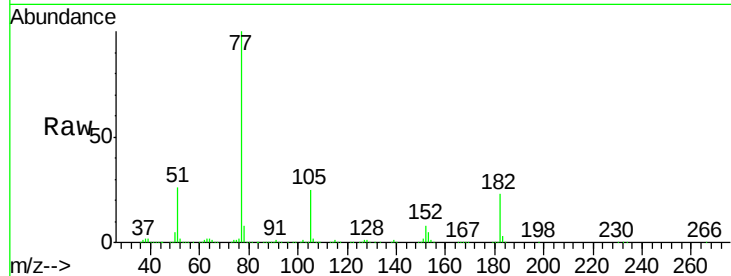
Ion Ratio Lower Upper

77 100

182 22.6 0.0 39.3

105 24.7 2.3 42.3

51 26.0 8.9 48.9

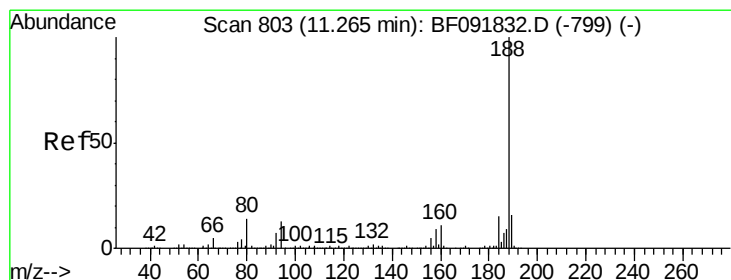
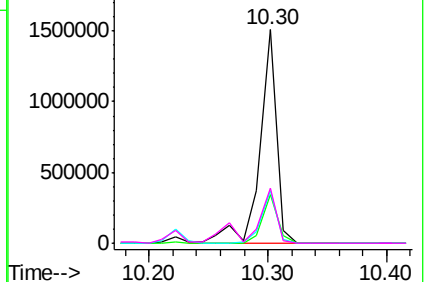
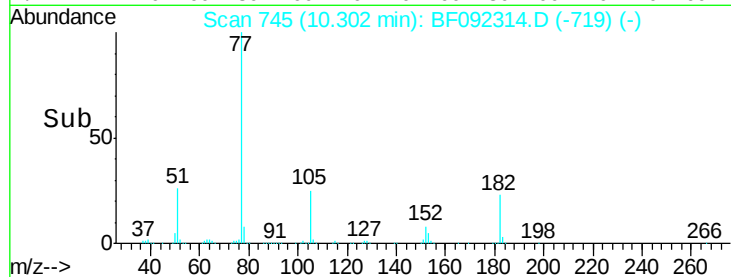


Abundance Ion 77.00 (76.70 to 77.70): BF0

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: 11.08 min Scan# 813

Delta R.T. -0.00 min

Lab File: BF092314.D

Acq: 17 Jan 2017 7:01

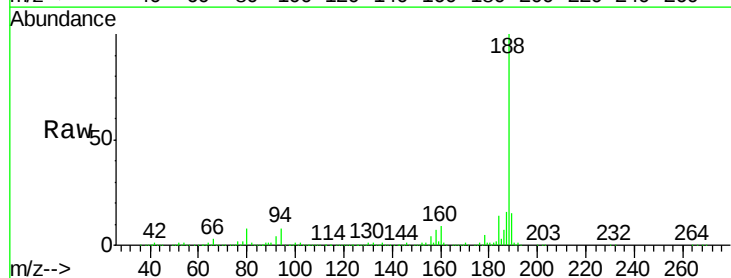
Tgt Ion: 188 Resp: 603831

Ion Ratio Lower Upper

188 100

94 7.7 10.0 15.0#

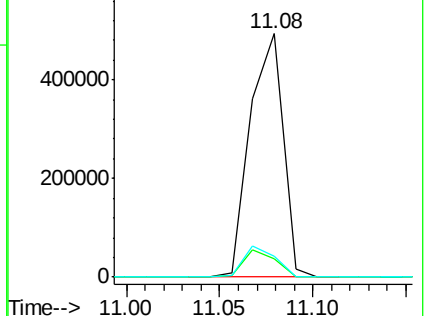
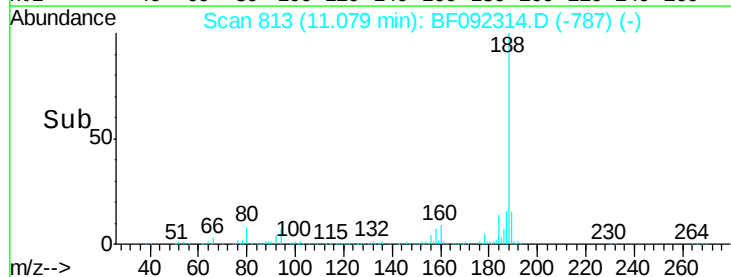
80 8.3 11.2 16.8#

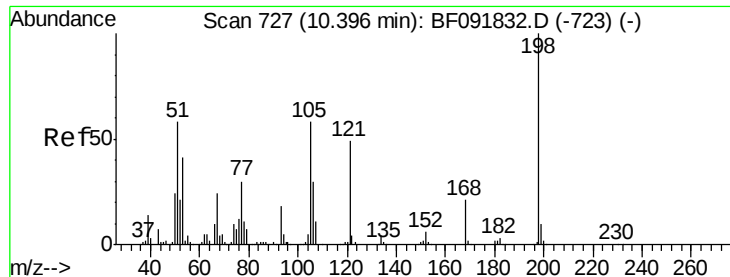


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

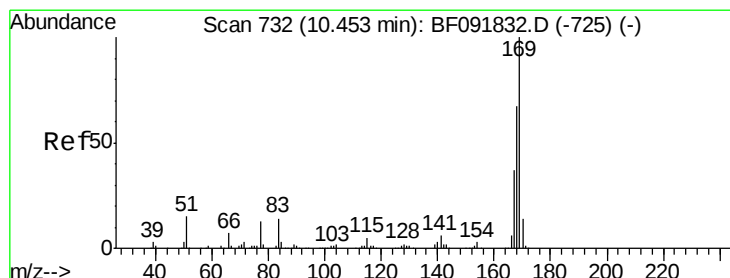
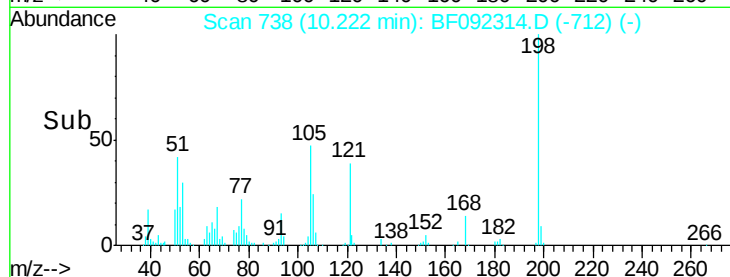
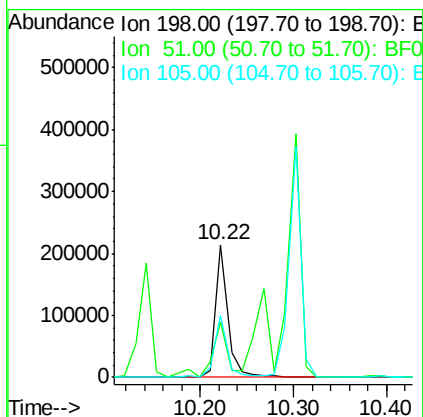
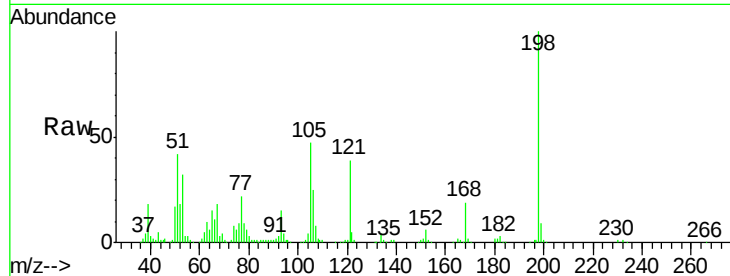




#64
 4,6-Dinitro-2-methylphenol
 Concen: 54.02 ng
 RT: 10.22 min Scan# 738
 Delta R.T. -0.00 min
 Lab File: BF092314.D
 Acq: 17 Jan 2017 7:01

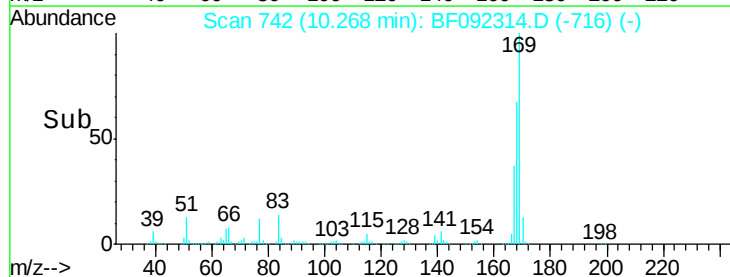
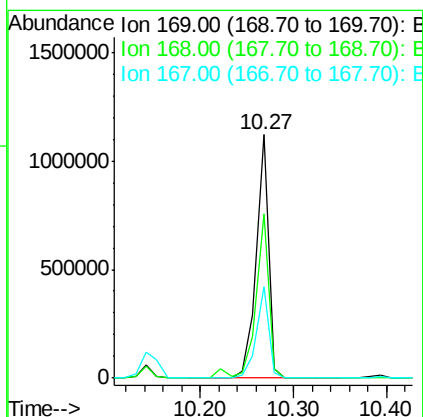
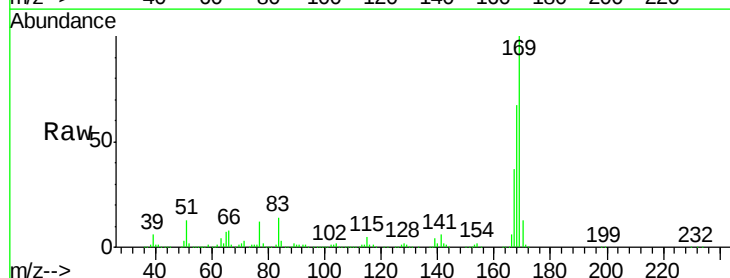
Instrument :
 BNA_F
 ClientSampleId :
 TOD-WCS-011217MSD

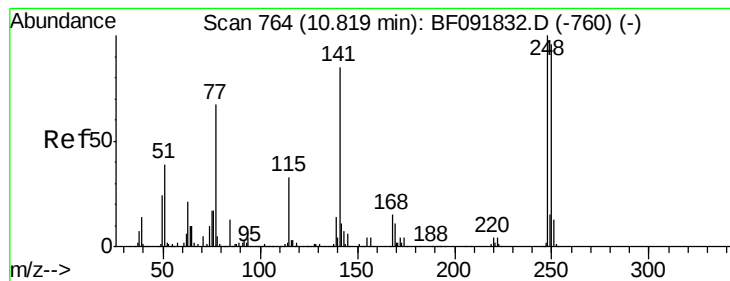
Tgt Ion:198 Resp: 197258
 Ion Ratio Lower Upper
 198 100
 51 41.5 6.7 46.7
 105 47.0 16.6 56.6



#65
 n-Nitrosodiphenylamine
 Concen: 57.29 ng
 RT: 10.27 min Scan# 742
 Delta R.T. -0.00 min
 Lab File: BF092314.D
 Acq: 17 Jan 2017 7:01

Tgt Ion:169 Resp: 1026520
 Ion Ratio Lower Upper
 169 100
 168 67.3 54.2 81.2
 167 37.5 30.2 45.4





#66

4-Bromophenyl-phenylether

Concen: 56.38 ng

RT: 10.63 min Scan# 774

Delta R.T. -0.00 min

Lab File: BF092314.D

Acq: 17 Jan 2017 7:01

Instrument :

BNA_F

ClientSampleId :

TOD-WCS-011217MSD

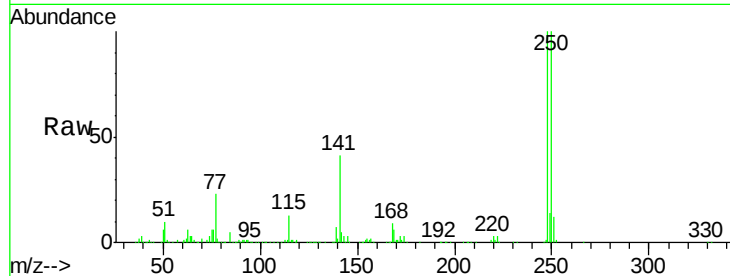
Tgt Ion:248 Resp: 354150

Ion Ratio Lower Upper

248 100

250 99.7 76.9 115.3

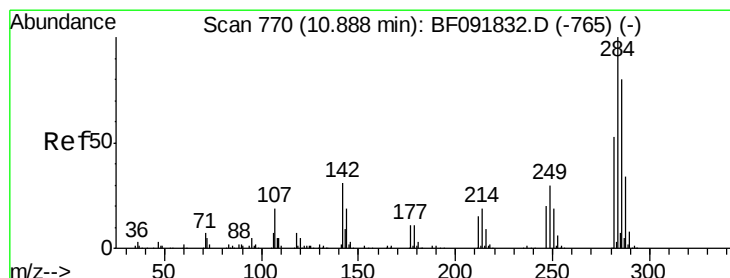
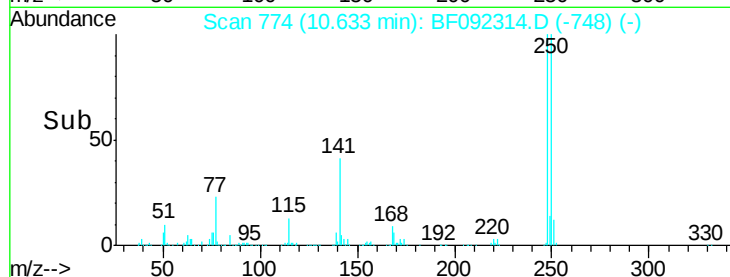
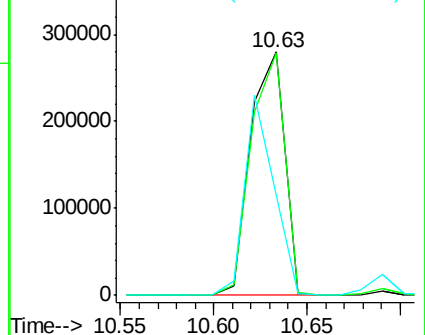
141 41.2 68.2 102.4#



Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#67

Hexachlorobenzene

Concen: 49.20 ng

RT: 10.69 min Scan# 779

Delta R.T. -0.00 min

Lab File: BF092314.D

Acq: 17 Jan 2017 7:01

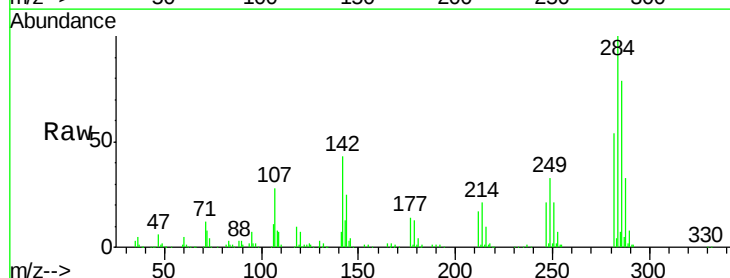
Tgt Ion:284 Resp: 330337

Ion Ratio Lower Upper

284 100

142 43.1 22.6 33.8#

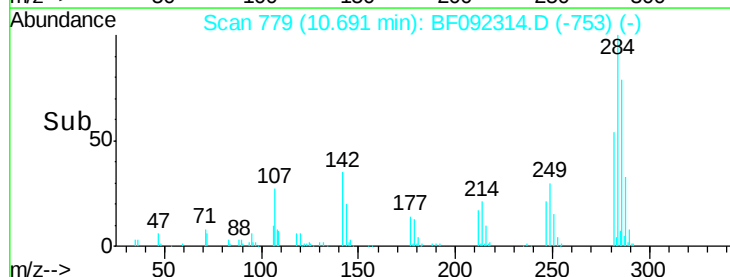
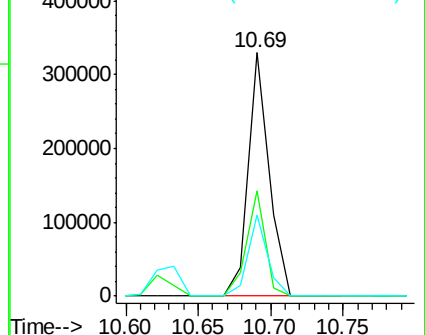
249 33.0 25.4 38.0

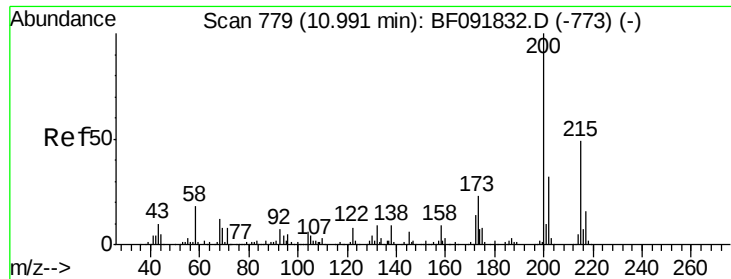


Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E

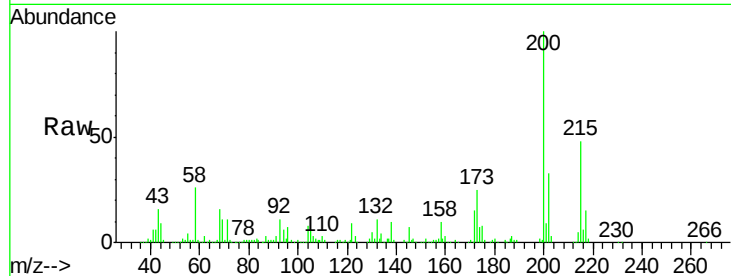




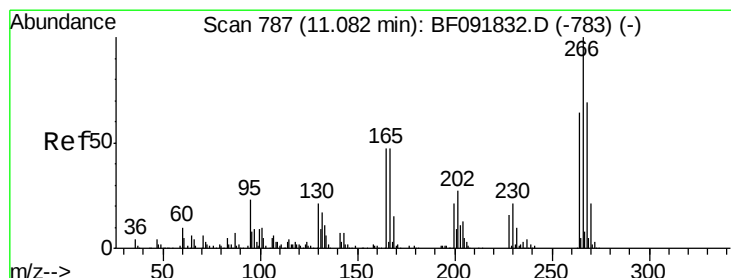
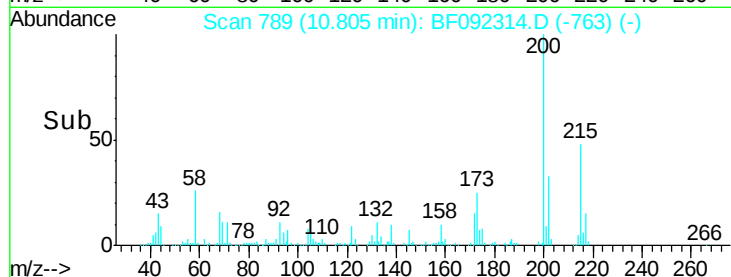
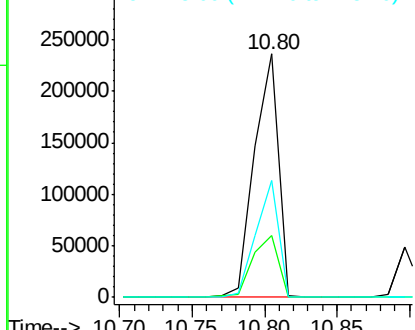
#68
Atrazine
Concen: 46.89 ng
RT: 10.80 min Scan# 789
Delta R.T. -0.00 min
Lab File: BF092314.D
Acq: 17 Jan 2017 7:01

Instrument :
BNA_F
ClientSampleId :
TOD-WCS-011217MSD

Tgt Ion:200 Resp: 271009
Ion Ratio Lower Upper
200 100
173 25.3 9.6 49.6
215 48.0 25.7 65.7

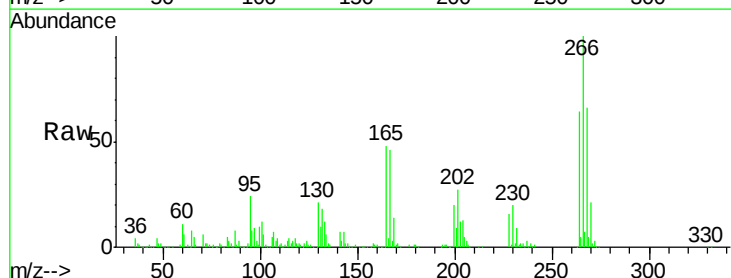


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

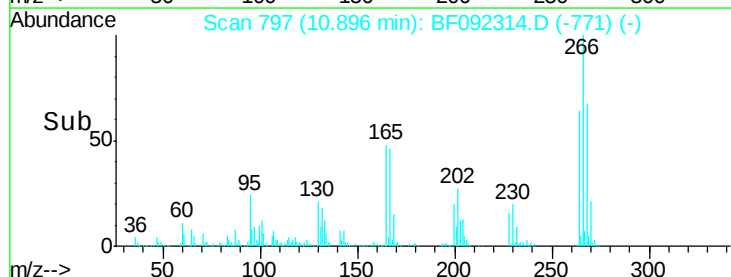
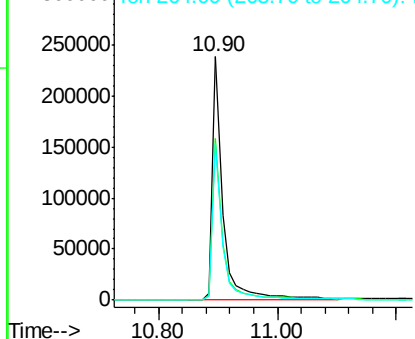


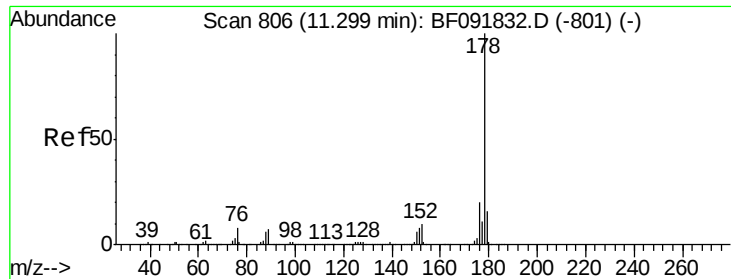
#69
Pentachlorophenol
Concen: 89.72 ng
RT: 10.90 min Scan# 797
Delta R.T. -0.00 min
Lab File: BF092314.D
Acq: 17 Jan 2017 7:01

Tgt Ion:266 Resp: 295567
Ion Ratio Lower Upper
266 100
268 66.4 53.3 79.9
264 64.4 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

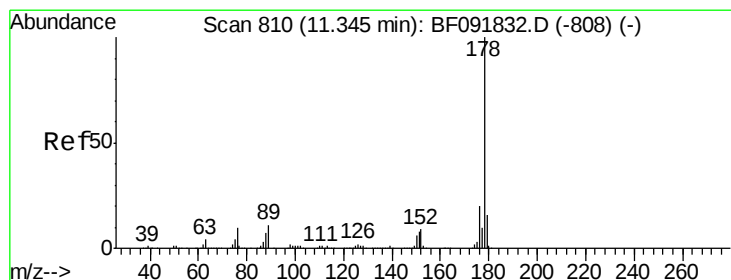
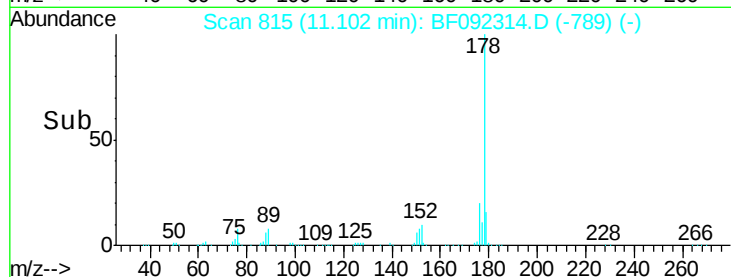
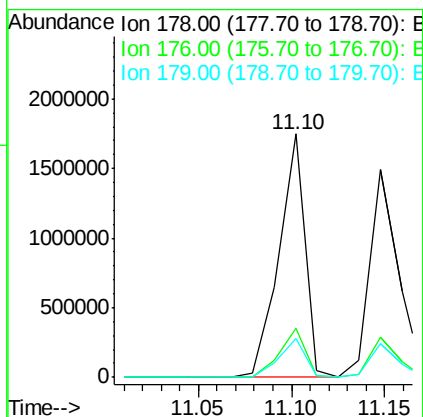
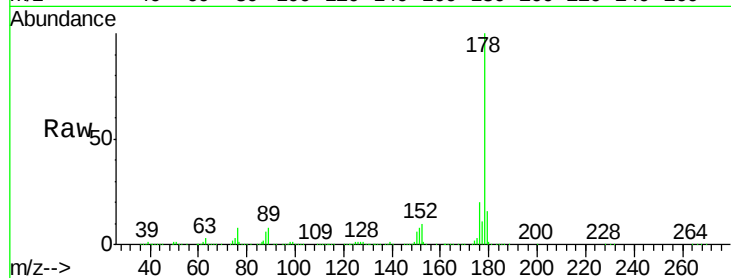




#70
Phenanthrene
Concen: 51.92 ng
RT: 11.10 min Scan# 815
Delta R.T. -0.00 min
Lab File: BF092314.D
Acq: 17 Jan 2017 7:01

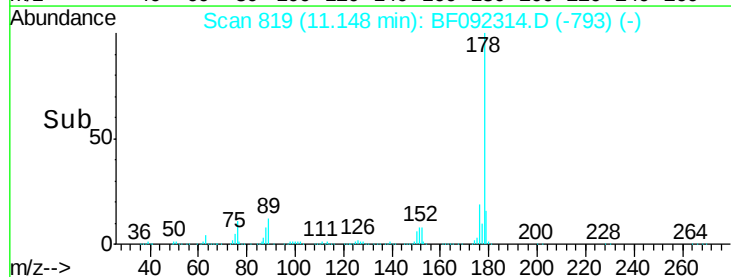
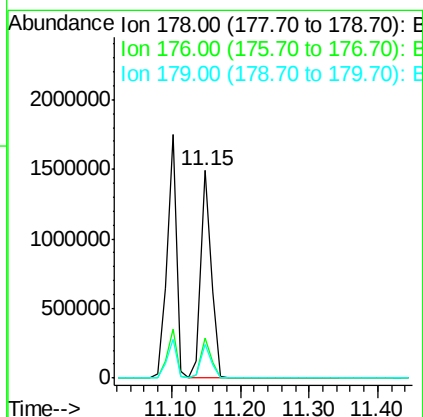
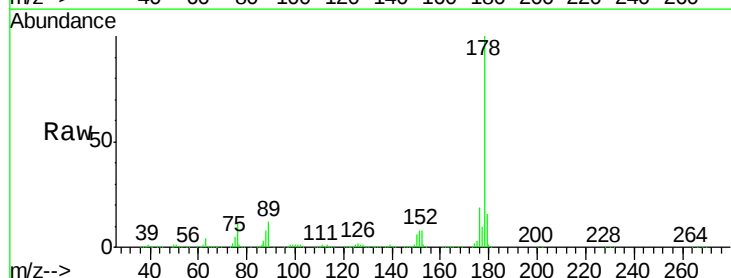
Instrument :
BNA_F
ClientSampleId :
TOD-WCS-011217MSD

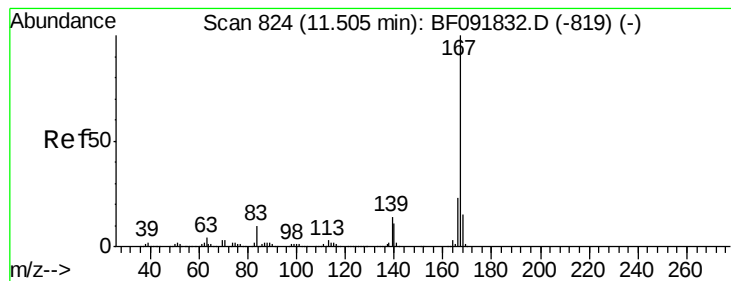
Tgt Ion:178 Resp: 1699898
Ion Ratio Lower Upper
178 100
176 20.0 16.6 25.0
179 15.9 12.8 19.2



#71
Anthracene
Concen: 60.81 ng
RT: 11.15 min Scan# 819
Delta R.T. -0.00 min
Lab File: BF092314.D
Acq: 17 Jan 2017 7:01

Tgt Ion:178 Resp: 1554979
Ion Ratio Lower Upper
178 100
176 19.3 15.9 23.9
179 16.4 13.2 19.8





#72

Carbazole

Concen: 60.17 ng

RT: 11.32 min Scan# 834

Delta R.T. -0.00 min

Lab File: BF092314.D

Acq: 17 Jan 2017 7:01

Instrument :

BNA_F

ClientSampleId :

TOD-WCS-011217MSD

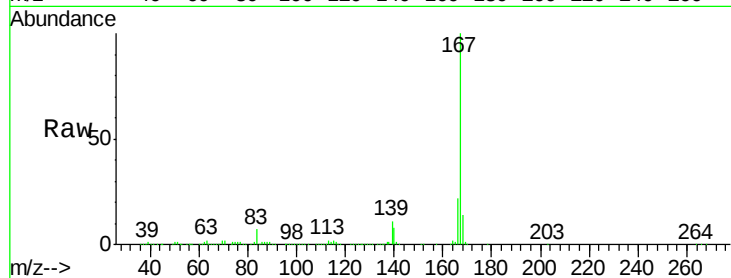
Tgt Ion:167 Resp: 1378099

Ion Ratio Lower Upper

167 100

166 21.5 18.2 27.2

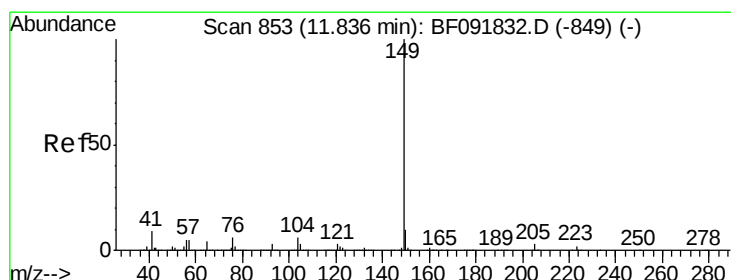
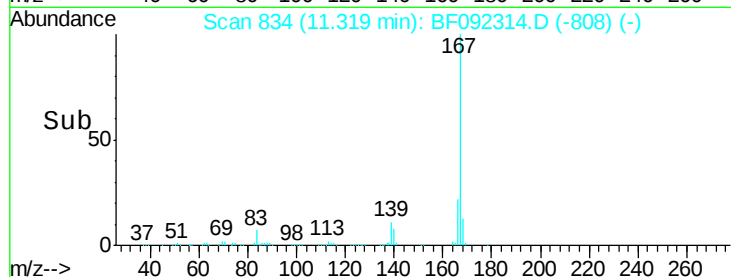
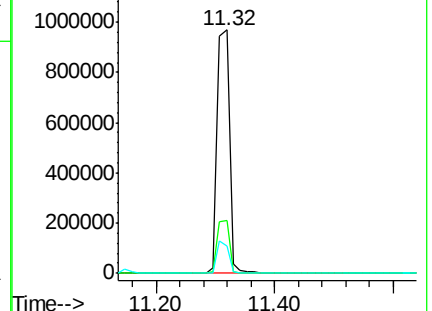
139 11.2 11.4 17.2#



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: 59.85 ng

RT: 11.65 min Scan# 863

Delta R.T. -0.00 min

Lab File: BF092314.D

Acq: 17 Jan 2017 7:01

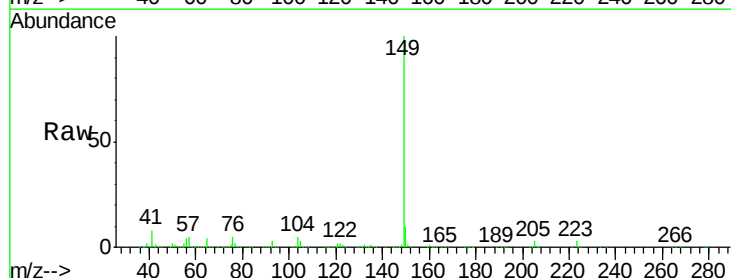
Tgt Ion:149 Resp: 1814843

Ion Ratio Lower Upper

149 100

150 10.0 8.1 12.1

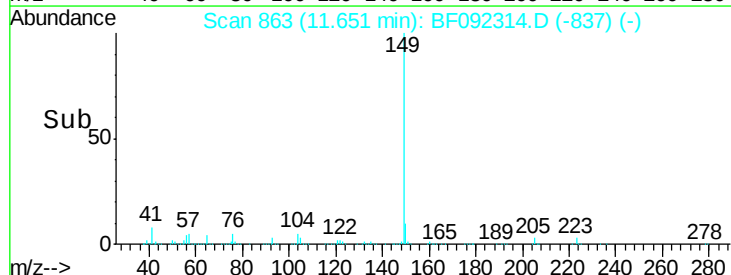
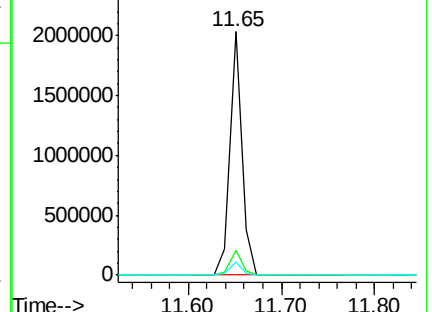
104 5.3 4.6 7.0

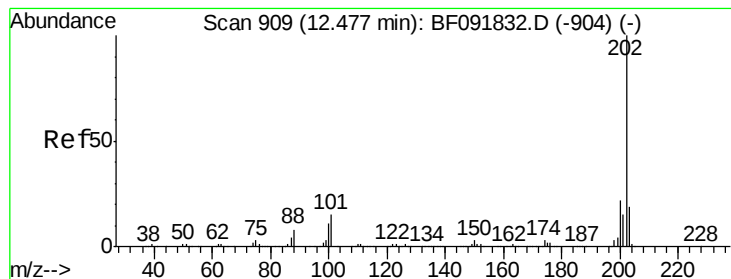


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#74

Fluoranthene

Concen: 48.52 ng

RT: 12.28 min Scan# 918

Delta R.T. -0.00 min

Lab File: BF092314.D

Acq: 17 Jan 2017 7:01

Instrument :

BNA_F

ClientSampleId :

TOD-WCS-011217MSD

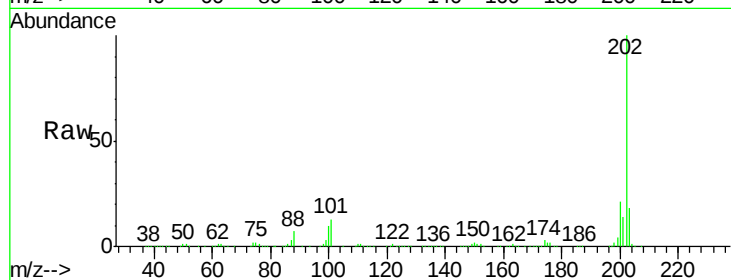
Tgt Ion:202 Resp: 1385225

Ion Ratio Lower Upper

202 100

101 13.3 0.0 34.6

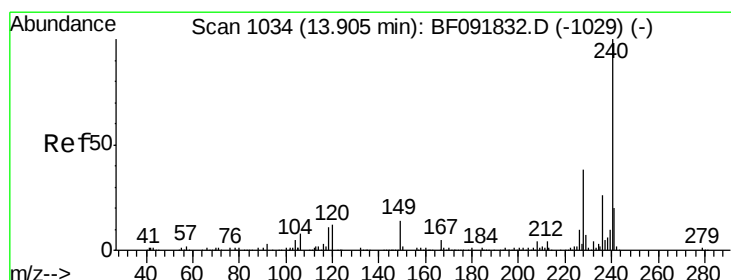
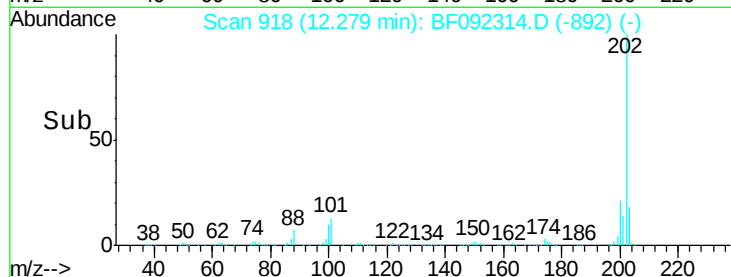
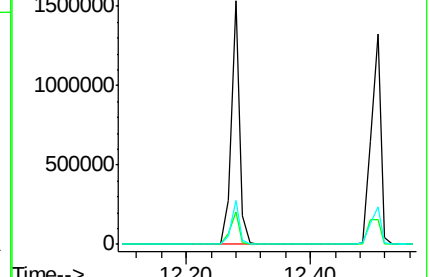
203 17.8 0.0 38.7



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: 13.70 min Scan# 1042

Delta R.T. -0.01 min

Lab File: BF092314.D

Acq: 17 Jan 2017 7:01

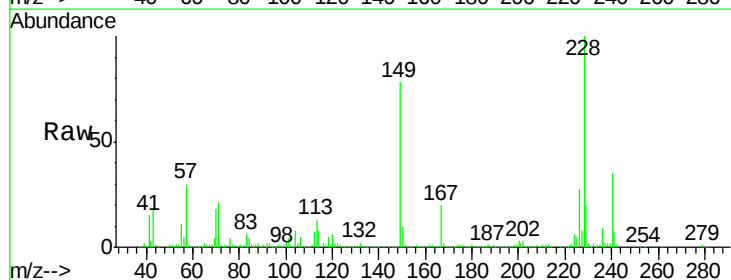
Tgt Ion:240 Resp: 275730

Ion Ratio Lower Upper

240 100

120 17.8 12.9 19.3

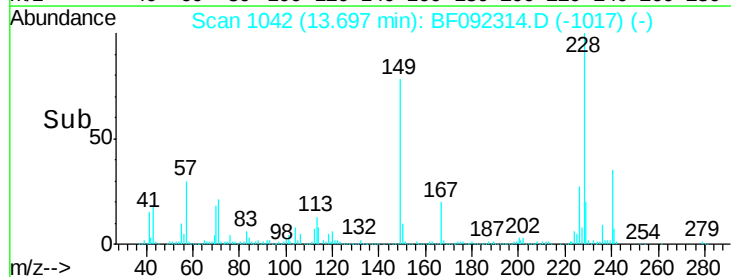
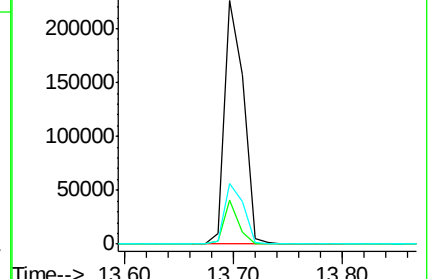
236 25.0 20.9 31.3

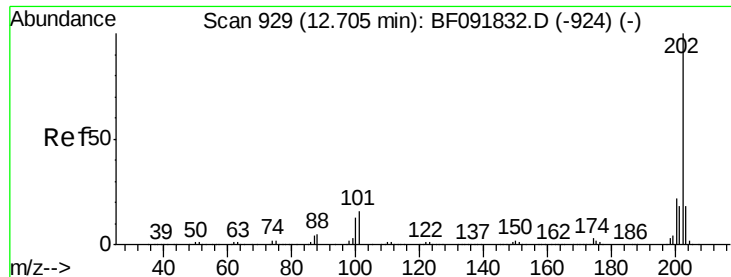


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

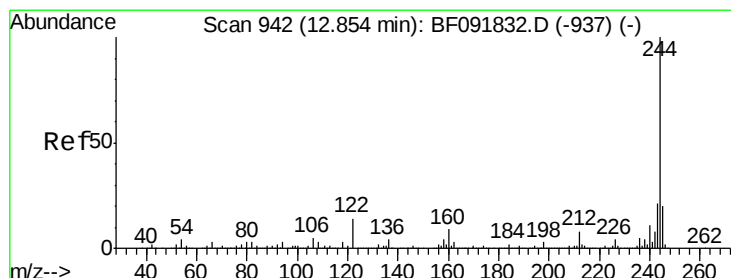
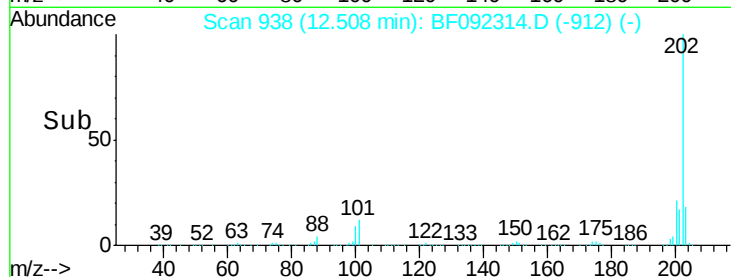
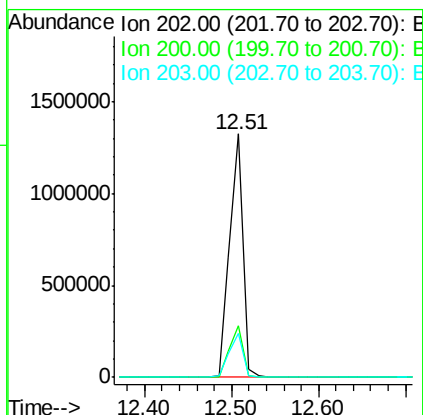
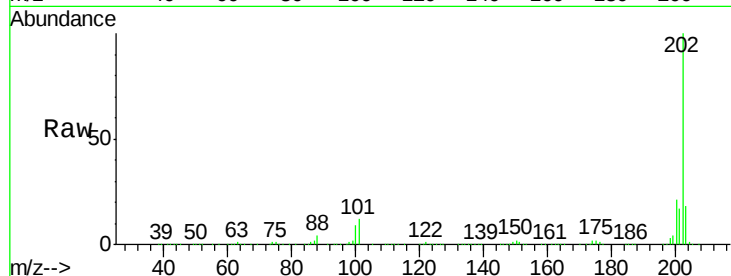




#77
 Pyrene
 Concen: 69.53 ng
 RT: 12.51 min Scan# 938
 Delta R.T. -0.00 min
 Lab File: BF092314.D
 Acq: 17 Jan 2017 7:01

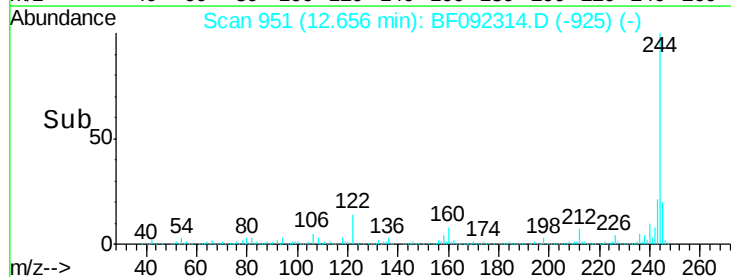
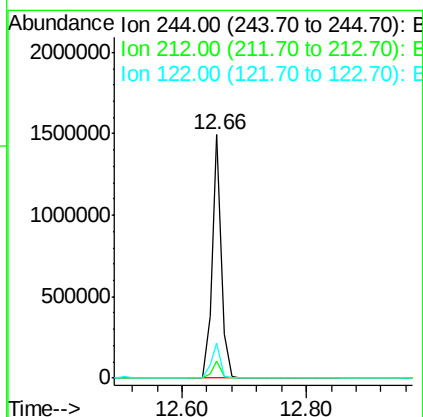
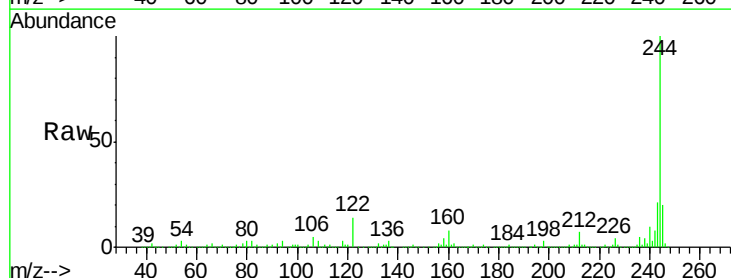
Instrument :
 BNA_F
 ClientSampleId :
 TOD-WCS-011217MSD

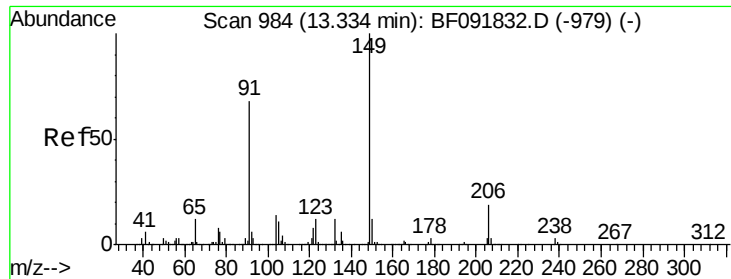
Tgt Ion: 202 Resp: 1406545
 Ion Ratio Lower Upper
 202 100
 200 21.4 17.7 26.5
 203 17.9 14.7 22.1



#78
 Terphenyl-d14
 Concen: 130.76 ng
 RT: 12.66 min Scan# 951
 Delta R.T. -0.00 min
 Lab File: BF092314.D
 Acq: 17 Jan 2017 7:01

Tgt Ion: 244 Resp: 1486596
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.2 9.2
 122 14.1 11.4 17.2

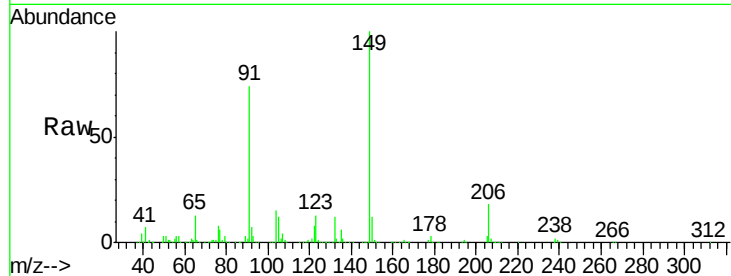




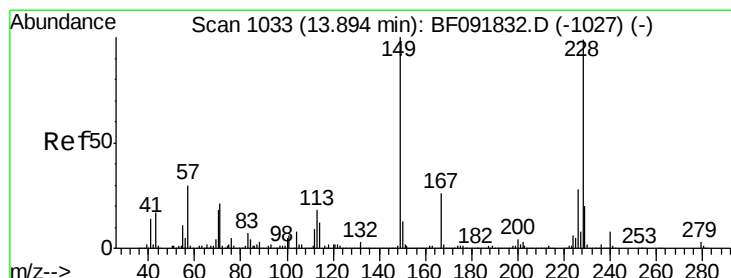
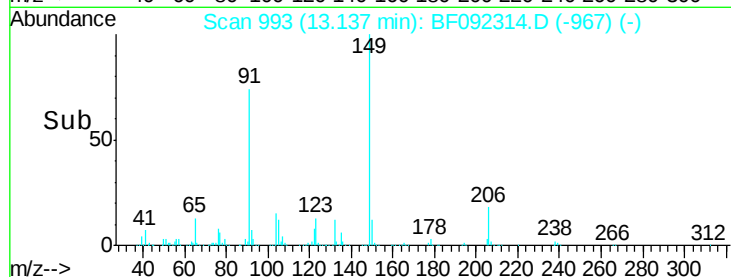
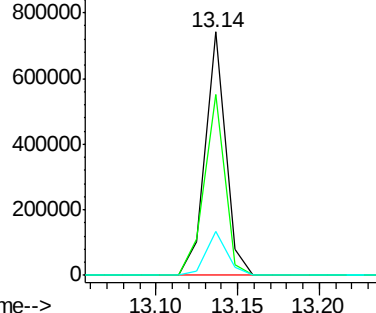
#79
Butylbenzylphthalate
Concen: 69.06 ng
RT: 13.14 min Scan# 993
Delta R.T. -0.00 min
Lab File: BF092314.D
Acq: 17 Jan 2017 7:01

Instrument :
BNA_F
ClientSampleId :
TOD-WCS-011217MSD

Tgt Ion	Ratio	Lower	Upper
149	100		
91	74.1	63.9	95.9
206	18.0	14.6	21.8

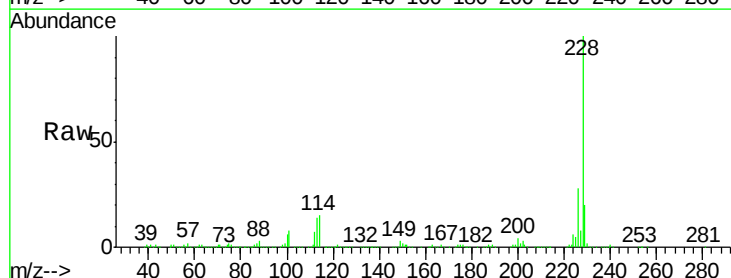


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF0
Ion 206.00 (205.70 to 206.70): E

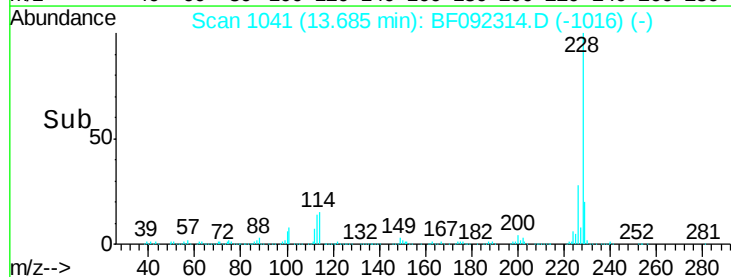
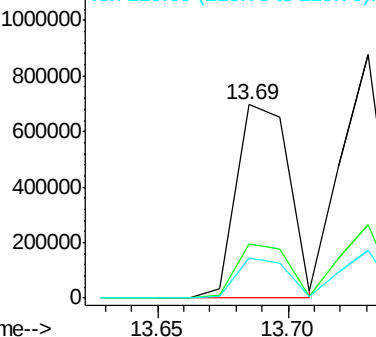


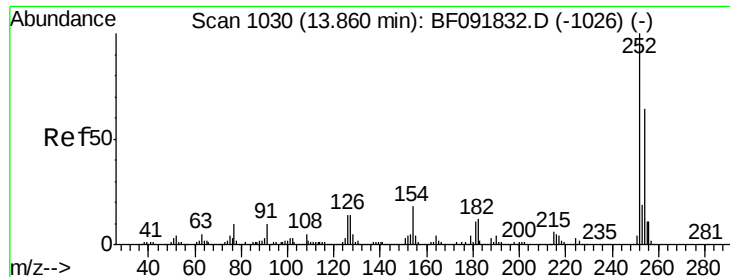
#80
Benzo(a)anthracene
Concen: 62.06 ng
RT: 13.69 min Scan# 1041
Delta R.T. -0.01 min
Lab File: BF092314.D
Acq: 17 Jan 2017 7:01

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.1	22.4	33.6
229	20.4	16.2	24.4



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

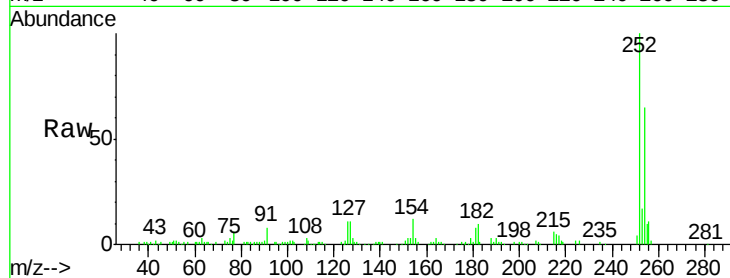




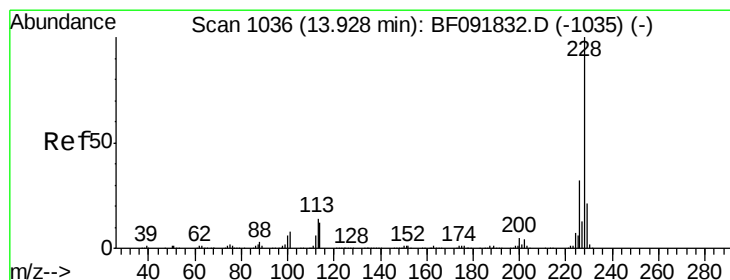
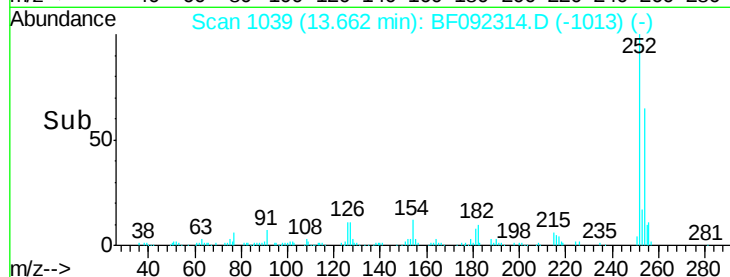
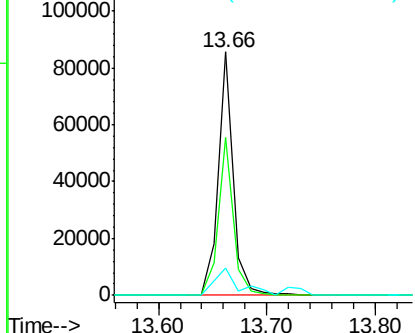
#81
 3,3'-Dichlorobenzidine
 Concen: 14.17 ng
 RT: 13.66 min Scan# 1039
 Delta R.T. -0.00 min
 Lab File: BF092314.D
 Acq: 17 Jan 2017 7:01

Instrument :
 BNA_F
 ClientSampleId :
 TOD-WCS-011217MSD

Tgt Ion: 252 Resp: 83605
 Ion Ratio Lower Upper
 252 100
 254 65.1 52.3 78.5
 126 11.1 13.6 20.4#

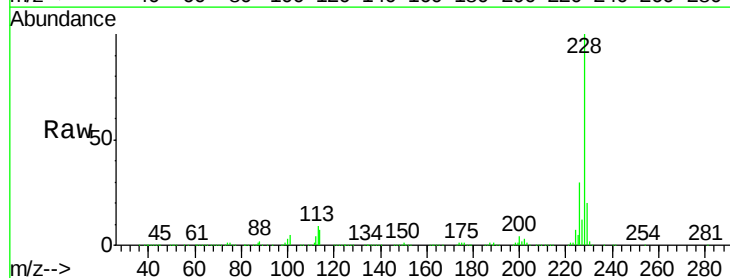


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

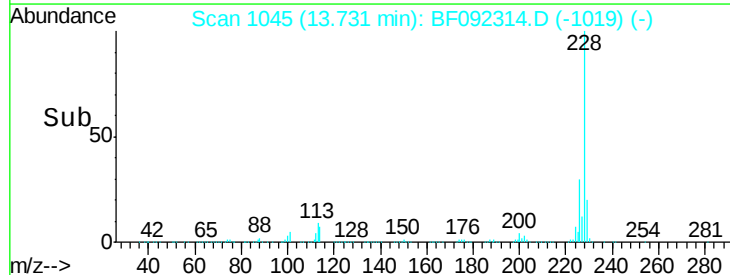
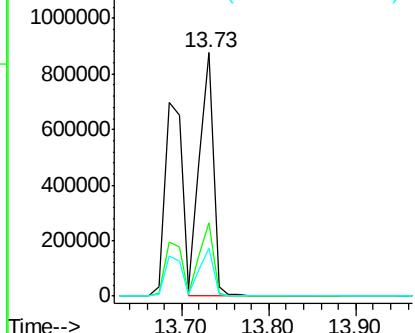


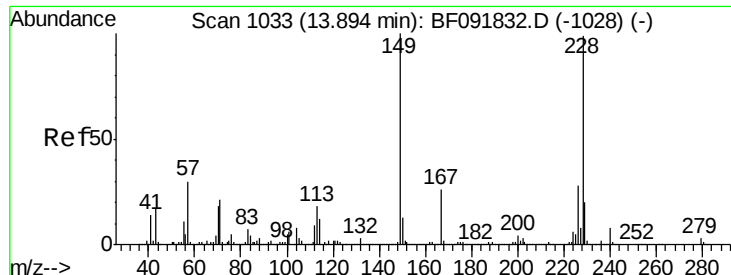
#82
 Chrysene
 Concen: 61.65 ng
 RT: 13.73 min Scan# 1045
 Delta R.T. -0.00 min
 Lab File: BF092314.D
 Acq: 17 Jan 2017 7:01

Tgt Ion: 228 Resp: 962510
 Ion Ratio Lower Upper
 228 100
 226 30.1 25.4 38.0
 229 19.6 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

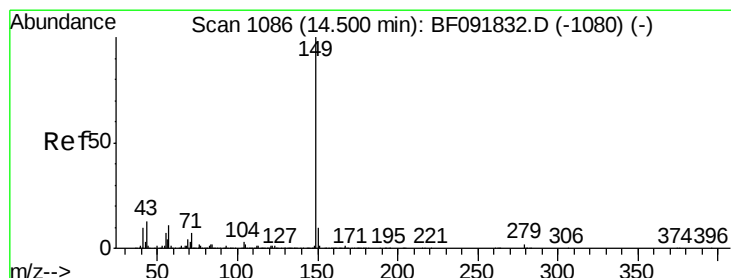
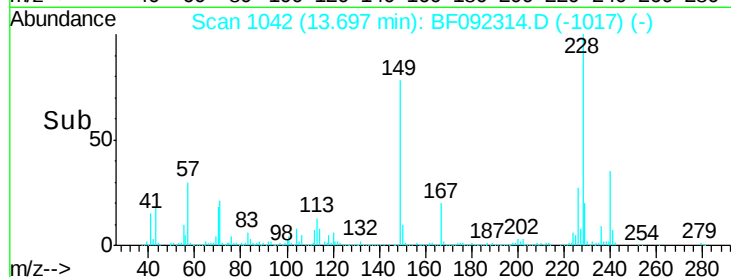
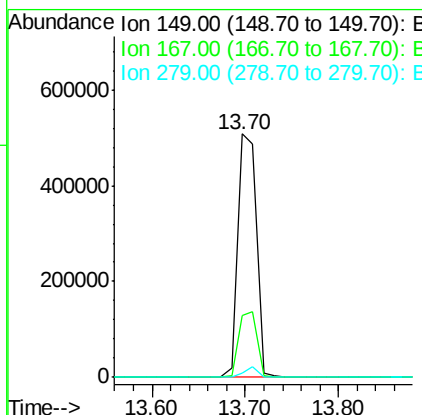
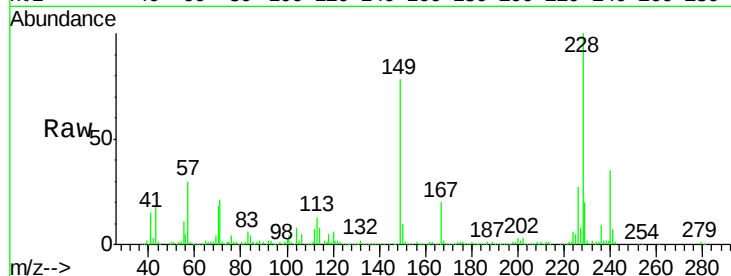




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 65.21 ng
 RT: 13.70 min Scan# 1042
 Delta R.T. -0.01 min
 Lab File: BF092314.D
 Acq: 17 Jan 2017 7:01

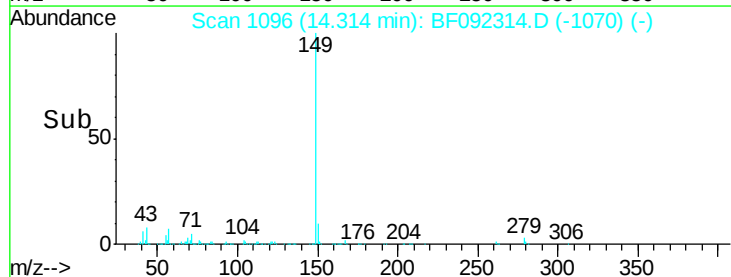
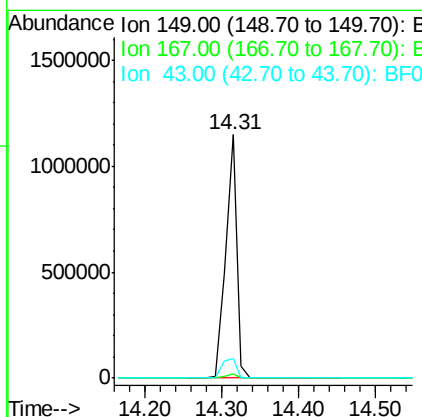
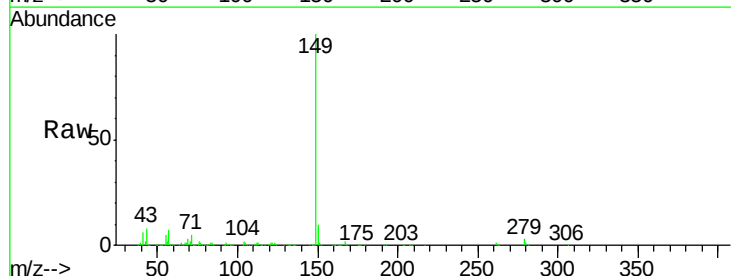
Instrument :
 BNA_F
 ClientSampleId :
 TOD-WCS-011217MSD

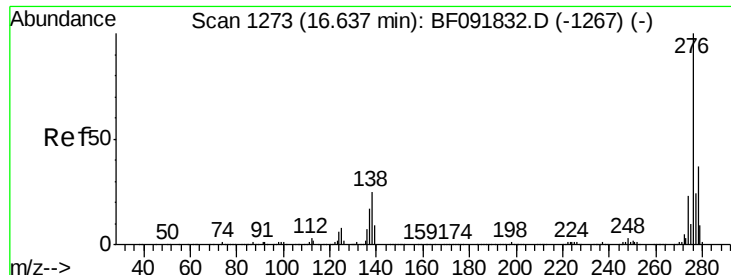
Tgt Ion:149 Resp: 706542
 Ion Ratio Lower Upper
 149 100
 167 25.5 20.2 30.4
 279 1.8 1.8 2.8#



#84
 Di-n-octyl phthalate
 Concen: 58.66 ng
 RT: 14.31 min Scan# 1096
 Delta R.T. -0.00 min
 Lab File: BF092314.D
 Acq: 17 Jan 2017 7:01

Tgt Ion:149 Resp: 1177439
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.3 1.9
 43 10.2 8.9 13.3

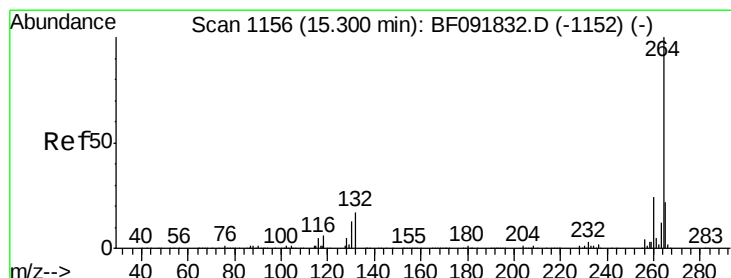
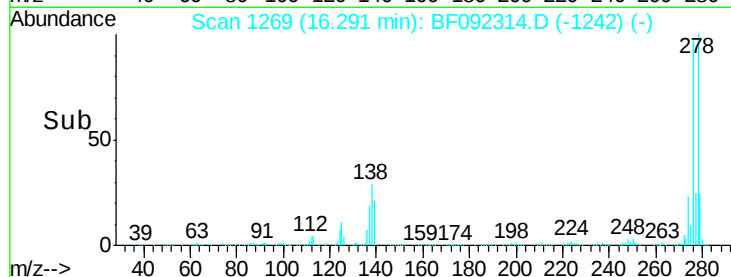
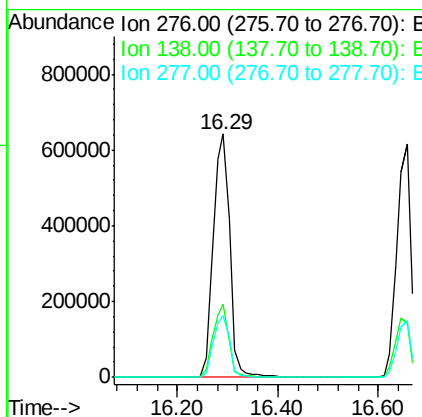
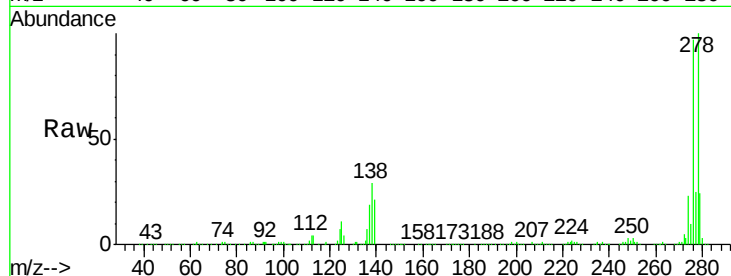




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 108.09 ng
 RT: 16.29 min Scan# 1269
 Delta R.T. 0.01 min
 Lab File: BF092314.D
 Acq: 17 Jan 2017 7:01

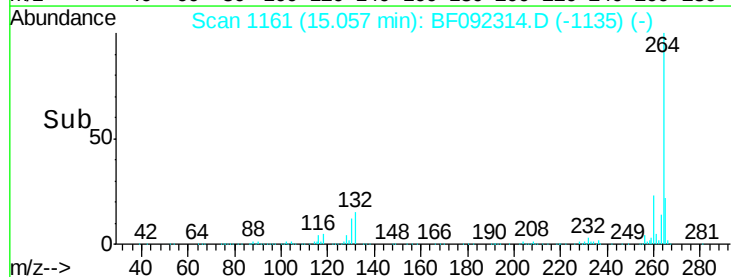
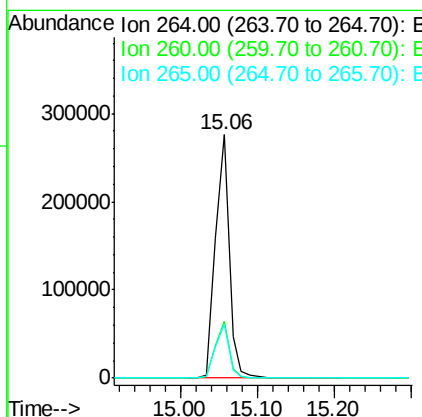
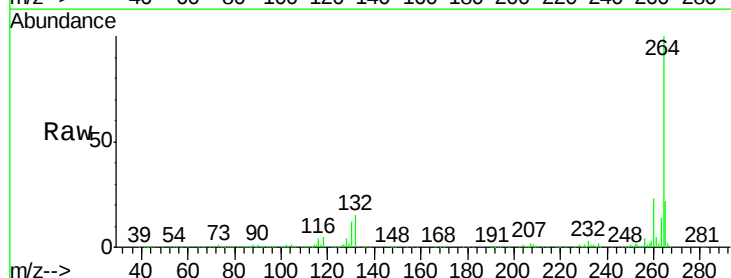
Instrument :
 BNA_F
 ClientSampleId :
 TOD-WCS-011217MSD

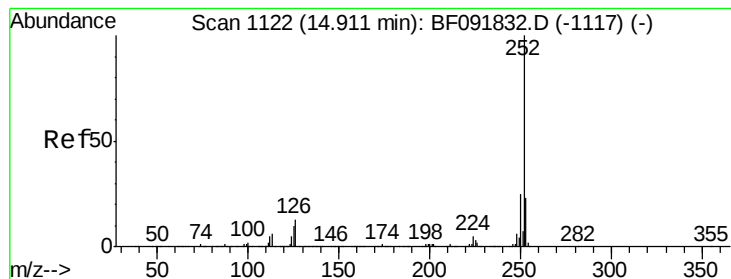
Tgt Ion:276 Resp: 1461908
 Ion Ratio Lower Upper
 276 100
 138 28.7 21.8 32.6
 277 25.1 20.2 30.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.06 min Scan# 1161
 Delta R.T. -0.00 min
 Lab File: BF092314.D
 Acq: 17 Jan 2017 7:01

Tgt Ion:264 Resp: 345865
 Ion Ratio Lower Upper
 264 100
 260 23.3 19.2 28.8
 265 22.1 17.4 26.0





#87

Benzo(b)fluoranthene

Concen: 94.34 ng

RT: 14.69 min Scan# 1129

Delta R.T. -0.00 min

Lab File: BF092314.D

Acq: 17 Jan 2017 7:01

Instrument :

BNA_F

ClientSampleId :

TOD-WCS-011217MSD

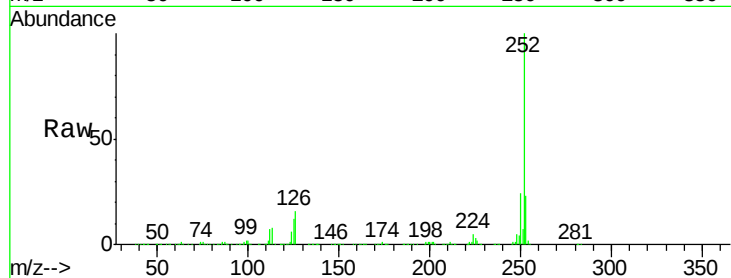
Tgt Ion:252 Resp: 2031463

Ion Ratio Lower Upper

252 100

253 22.6 18.2 27.4

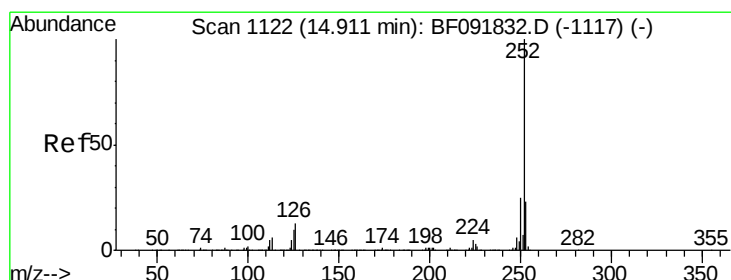
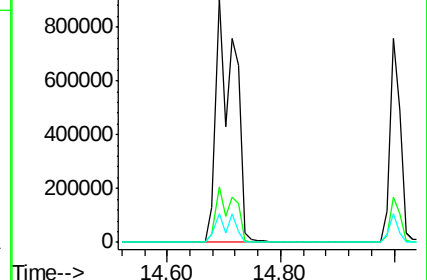
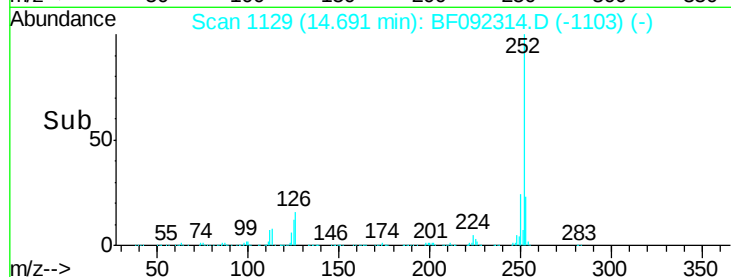
125 11.9 9.8 14.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 110.63 ng

RT: 14.69 min Scan# 1129

Delta R.T. -0.02 min

Lab File: BF092314.D

Acq: 17 Jan 2017 7:01

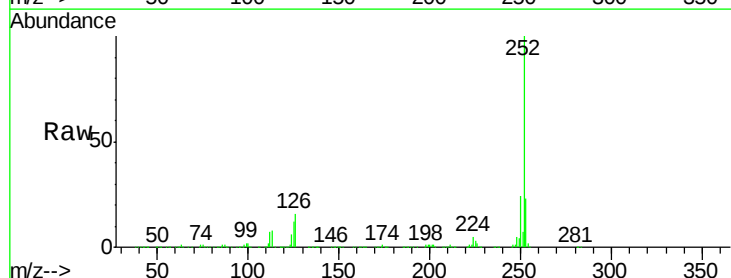
Tgt Ion:252 Resp: 2031463

Ion Ratio Lower Upper

252 100

253 22.6 18.5 27.7

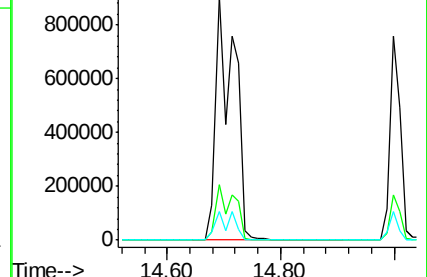
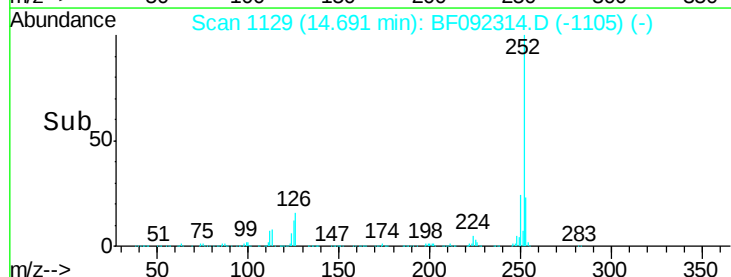
125 11.9 8.9 13.3

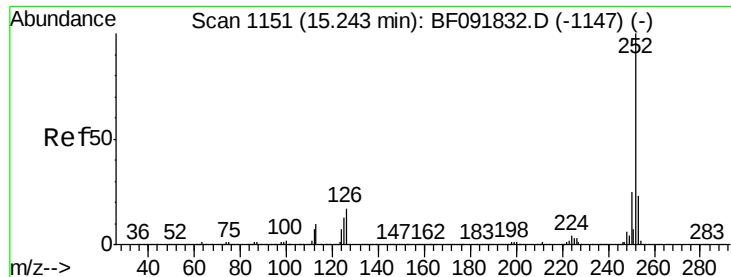


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

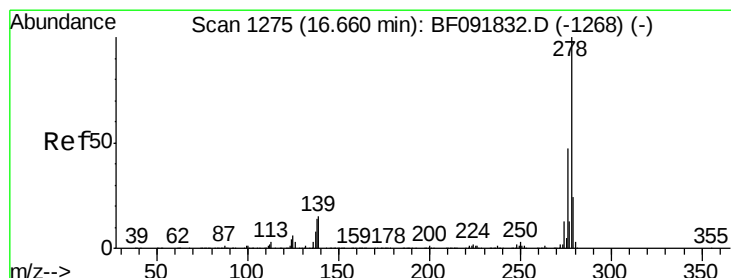
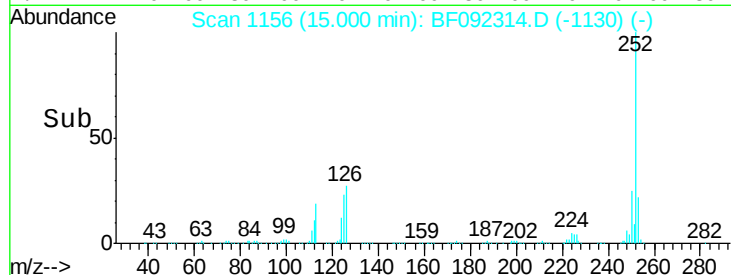
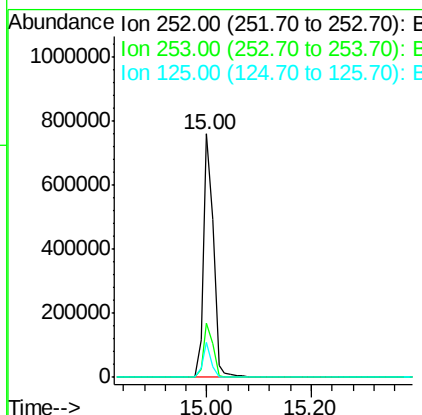
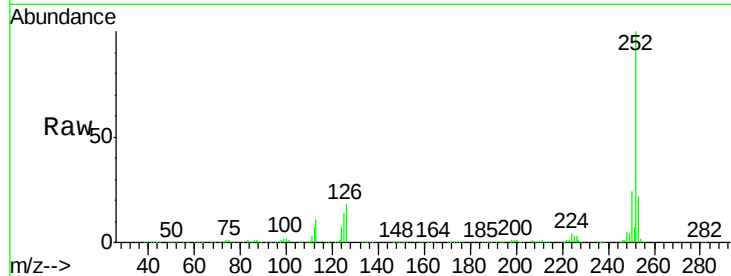




#89
Benzo(a)pyrene
Concen: 51.55 ng
RT: 15.00 min Scan# 1156
Delta R.T. -0.00 min
Lab File: BF092314.D
Acq: 17 Jan 2017 7:01

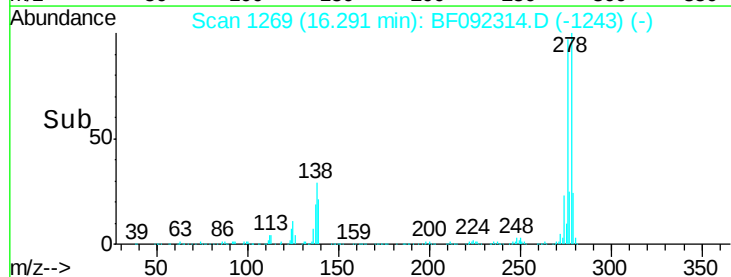
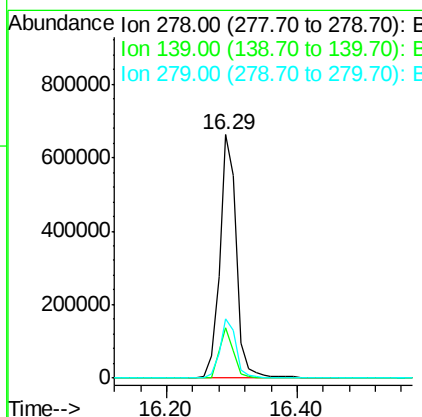
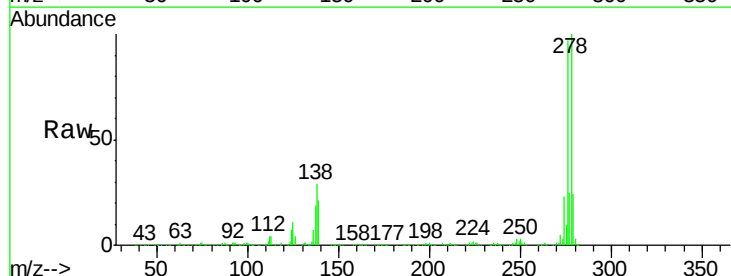
Instrument :
BNA_F
ClientSampleId :
TOD-WCS-011217MSD

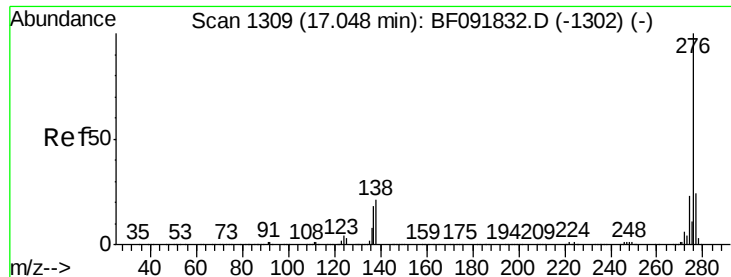
Tgt Ion: 252 Resp: 985219
Ion Ratio Lower Upper
252 100
253 22.2 18.2 27.2
125 14.2 10.0 15.0



#90
Dibenzo(a,h)anthracene
Concen: 75.64 ng
RT: 16.29 min Scan# 1269
Delta R.T. -0.00 min
Lab File: BF092314.D
Acq: 17 Jan 2017 7:01

Tgt Ion: 278 Resp: 1188314
Ion Ratio Lower Upper
278 100
139 20.7 14.8 22.2
279 24.1 19.8 29.6

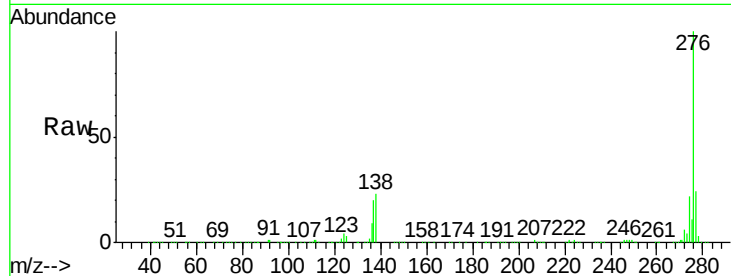




#91
 Benzo(g,h,i)perylene
 Concen: 78.42 ng
 RT: 16.66 min Scan# 1301
 Delta R.T. 0.01 min
 Lab File: BF092314.D
 Acq: 17 Jan 2017 7:01

Instrument :
 BNA_F
 ClientSampleId :
 TOD-WCS-011217MSD

Tgt Ion: 276 Resp: 1280909
 Ion Ratio Lower Upper
 276 100
 277 24.1 19.2 28.8
 138 23.3 16.0 24.0



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

