Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061915\
Data File : BF080059.D
Acq On : 19 Jun 2015 16:01
Operator : TP/IZ
Sample : G2653-05
Misc : LOD-SVOC-WATER-1PPM
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
LOD-WATER2015-01

Manual Integrations APPROVED
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Quant Time: Jun 20 00:18:41 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF061715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 17 16:41:53 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.33	152	39420	20.00	ng		-0.01
21) Naphthalene-d8	8.62	136	161857	20.00	ng		-0.01
38) Acenaphthene-d10	10.39	164	85648	20.00	ng		-0.01
63) Phenanthrene-d10	11.91	188	190039	20.00	ng		0.00
75) Chrysene-d12	14.99	240	198027	20.00	ng		0.13
86) Perylene-d12	16.94	264	198195	20.00	ng		0.19
System Monitoring Compounds							
5) 2-Fluorophenol	5.94	112	293818	131.94	ng		0.00
7) Phenol-d6	6.93	99	353539	119.30	ng		-0.01
23) Nitrobenzene-d5	7.89	82	224384	80.71	ng		-0.01
41) 2,4,6-Tribromophenol	11.19	330	107743	128.65	ng		-0.01
44) 2-Fluorobiphenyl	9.69	172	448665	74.71	ng		-0.01
78) Terphenyl-d14	13.65	244	616112	72.66	ng		0.06
Target Compounds							Qvalue
8) 2-Chlorophenol	7.11	128	2086	0.81	ng	#	62
9) Benzaldehyde	6.88	77	1404	0.82	ng	#	89
10) Phenol	6.94	94	2327	0.72	ng	#	1
11) bis(2-Chloroethyl)ether	7.04	93	1923	0.75	ng		93
12) 1,3-Dichlorobenzene	7.27	146	2007	0.65	ng	#	82
13) 1,4-Dichlorobenzene	7.35	146	2025	0.69	ng		95
14) 1,2-Dichlorobenzene	7.51	146	2182	0.76	ng		93
15) Benzyl Alcohol	7.46	79	683m	0.28	ng		
16) 2,2'-oxybis(1-Chloropropan	7.59	45	2767	0.73	ng		74
17) 2-Methylphenol	7.56	107	1447	0.66	ng	#	69
18) Hexachloroethane	7.85	117	680	0.69	ng		89
19) n-Nitroso-di-n-propylamine	7.72	70	1250	0.61	ng	#	71
20) 3+4-Methylphenols	7.72	107	1615	0.57	ng		86
22) Acetophenone	7.73	105	2732	0.72	ng	#	75
24) Nitrobenzene	7.90	77	2621	0.91	ng	#	54
26) 2-Nitrophenol	8.23	139	743	0.62	ng	#	77
27) 2,4-Dimethylphenol	8.25	122	1311	0.52	ng	#	77
28) bis(2-Chloroethoxy)methane	8.34	93	2492	0.76	ng	#	84
29) 2,4-Dichlorophenol	8.47	162	932	0.43	ng		93
30) 1,2,4-Trichlorobenzene	8.56	180	1814	0.74	ng	#	90
31) Naphthalene	8.64	128	5727	0.68	ng		97
34) Hexachlorobutadiene	8.77	225	983	0.66	ng		96
35) Caprolactam	9.01	113	227	0.33	ng	#	75
36) 4-Chloro-3-methylphenol	9.14	107	1279	0.53	ng	#	76
37) 2-Methylnaphthalene	9.34	142	3794	0.69	ng	#	86
39) 1,2,4,5-Tetrachlorobenzene	9.51	216	2084	0.84	ng	#	96
42) 2,4,6-Trichlorophenol	9.61	196	911	0.54	ng	#	91
43) 2,4,5-Trichlorophenol	9.65	196	976	0.50	ng	#	79
45) 1,1'-Biphenyl	9.81	154	4835	0.69	ng		92
46) 2-Chloronaphthalene	9.83	162	3816	0.67	ng	#	88
47) 2-Nitroaniline	9.91	65	792	0.51	ng	#	42
48) Acenaphthylene	10.25	152	5910	0.63	ng	#	93
49) Dimethylphthalate	10.08	163	4249	0.66	ng	#	93
50) 2,6-Dinitrotoluene	10.15	165	538	0.42	ng	#	77

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Operator : TP/IZ
Sample : G2653-05
Misc : LOD-SVOC-WATER-1PPM
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LOD-WATER2015-01

Manual Integrations APPROVED
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Quant Time: Jun 20 00:18:41 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF061715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 17 16:41:53 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
51) Acenaphthene	10.42	154	3620	0.63	ng		84
52) 3-Nitroaniline	10.32	138	468	0.31	ng	#	64
54) Dibenzofuran	10.60	168	5542	0.68	ng	#	86
56) 2,4-Dinitrotoluene	10.56	165	558	0.34	ng	#	82
57) Fluorene	10.95	166	4317	0.66	ng		88
58) 2,3,4,6-Tetrachlorophenol	10.71	232	745	0.45	ng	#	72
59) Diethylphthalate	10.79	149	4671	0.72	ng	#	95
60) 4-Chlorophenyl-phenylether	10.93	204	2136	0.68	ng		95
61) 4-Nitroaniline	10.94	138	437	0.28	ng	#	40
62) Azobenzene	11.09	77	3694	0.56	ng		86
65) n-Nitrosodiphenylamine	11.04	169	3645	0.59	ng		95
66) 4-Bromophenyl-phenylether	11.43	248	1201	0.59	ng		95
67) Hexachlorobenzene	11.51	284	1335	0.59	ng	#	84
68) Atrazine	11.57	200	1071	0.55	ng		83
70) Phenanthrene	11.93	178	7697	0.67	ng		97
71) Anthracene	11.99	178	7060	0.64	ng		98
72) Carbazole	12.14	167	5685	0.54	ng		95
73) Di-n-butylphthalate	12.48	149	6059	0.50	ng	#	95
74) Fluoranthene	13.23	202	6543	0.53	ng		94
77) Pyrene	13.50	202	7333	0.60	ng		96
79) Butylbenzylphthalate	14.22	149	1817	0.37	ng	#	63
80) Benzo(a)anthracene	14.97	228	7666	0.64	ng		99
81) 3,3'-Dichlorobenzidine	14.92	252	1071	0.26	ng	#	77
82) Chrysene	15.02	228	8261	0.74	ng		93
83) Bis(2-ethylhexyl)phthalate	14.95	149	2874	0.37	ng	#	97
84) Di-n-octyl phthalate	15.81	149	4280	0.32	ng	#	78
85) Indeno(1,2,3-cd)pyrene	18.80	276	7742	0.55	ng	#	63
87) Benzo(b)fluoranthene	16.38	252	7235	0.60	ng	#	90
88) Benzo(k)fluoranthene	16.43	252	6929	0.57	ng	#	85
89) Benzo(a)pyrene	16.85	252	6410	0.56	ng	#	85
90) Dibenzo(a,h)anthracene	18.83	278	5672	0.49	ng	#	82
91) Benzo(g,h,i)perylene	19.36	276	5934	0.50	ng	#	74

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

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Instrument :
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ClientSampleId :
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Manual Integrations APPROVED
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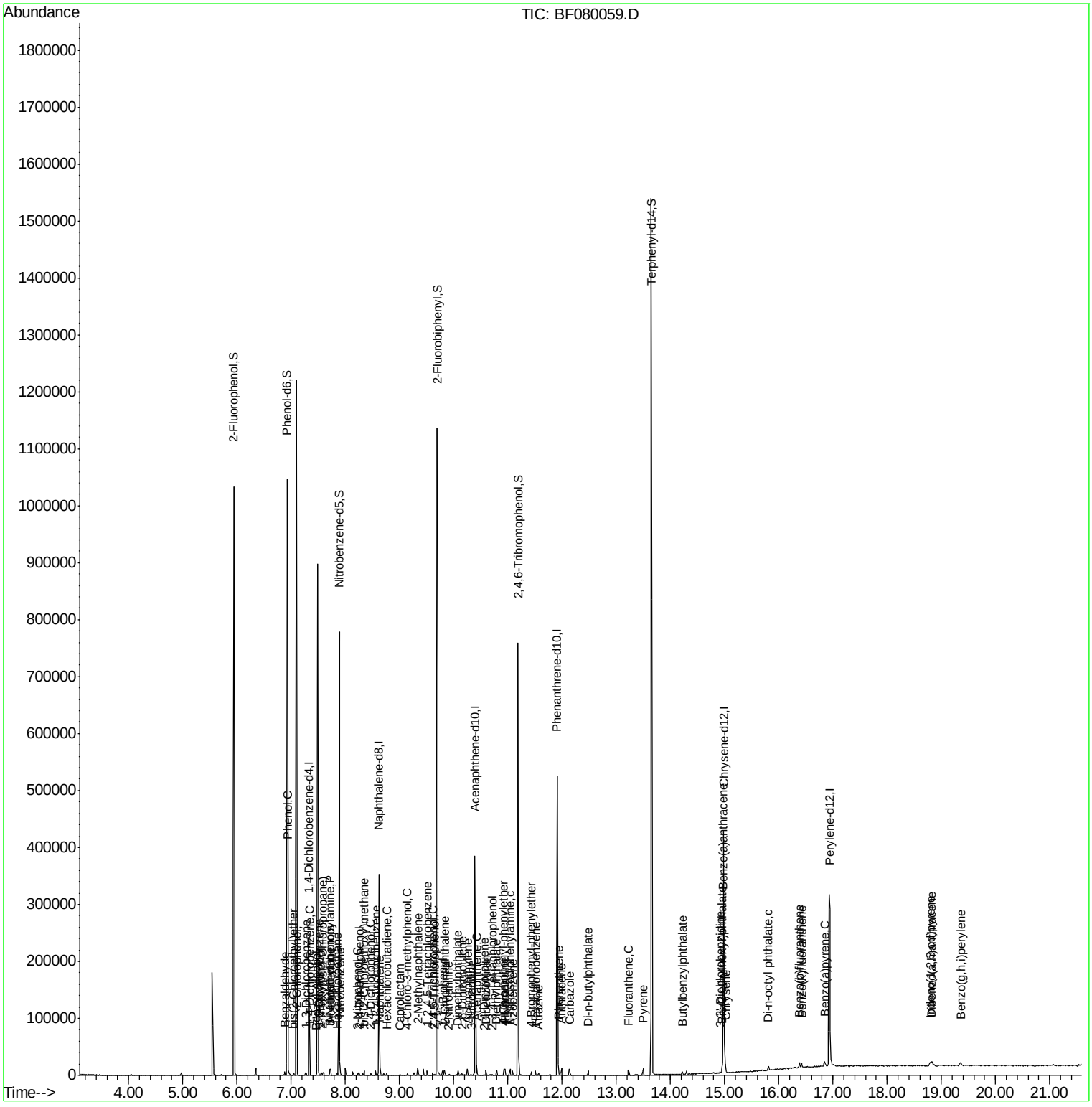
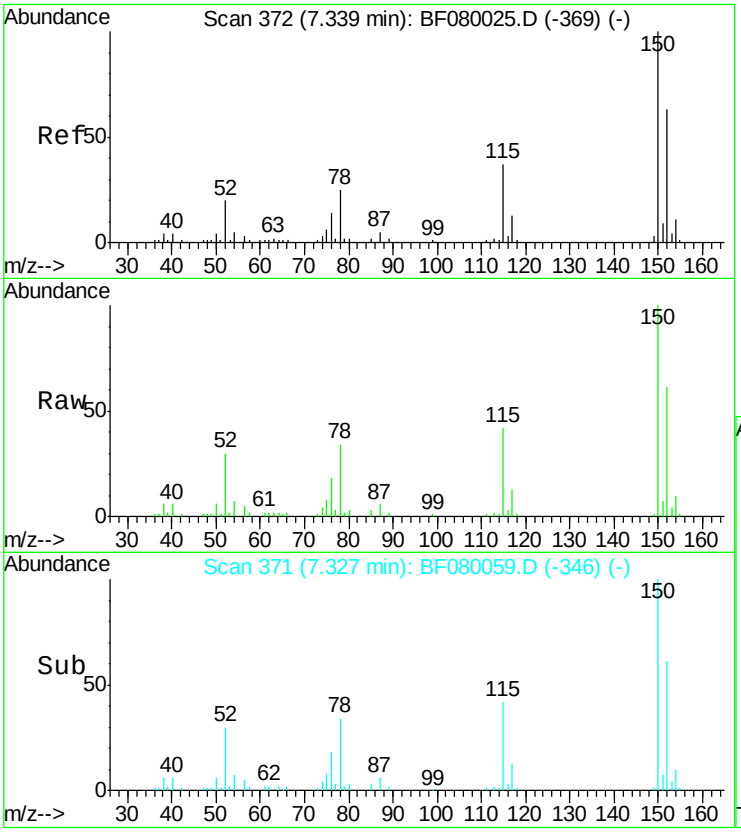
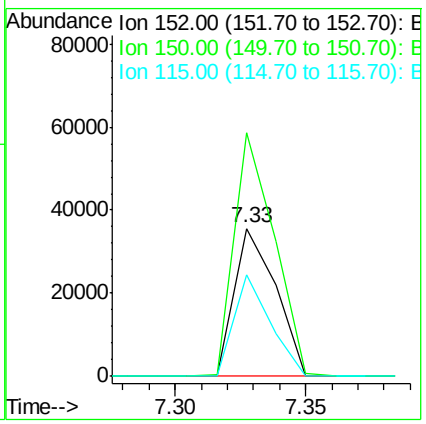




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.33 min Scan# 371
Delta R.T. -0.01 min
Lab File: BF080059.D
Acq: 19 Jun 2015 16:01

Tgt Ion:152 Resp: 39420

Ion	Ratio	Lower	Upper
152	100		
150	164.9	124.7	187.1
115	69.0	39.0	58.4#



Instrument :
BNA_F
ClientSampleId :
LOD-WATER2015-01

Manual Integrations APPROVED
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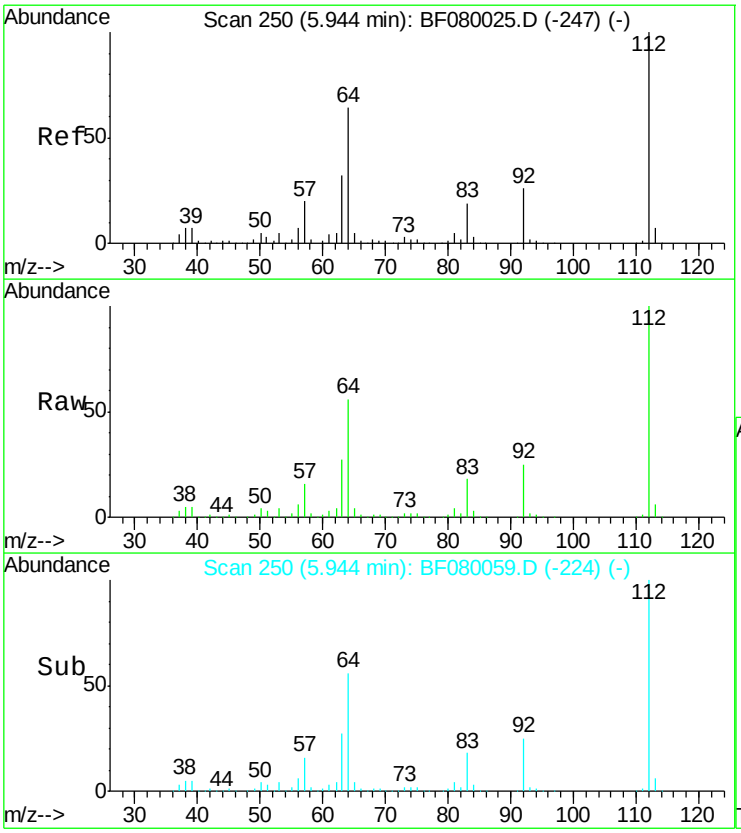
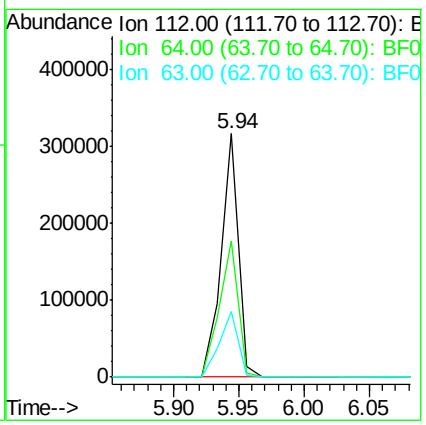
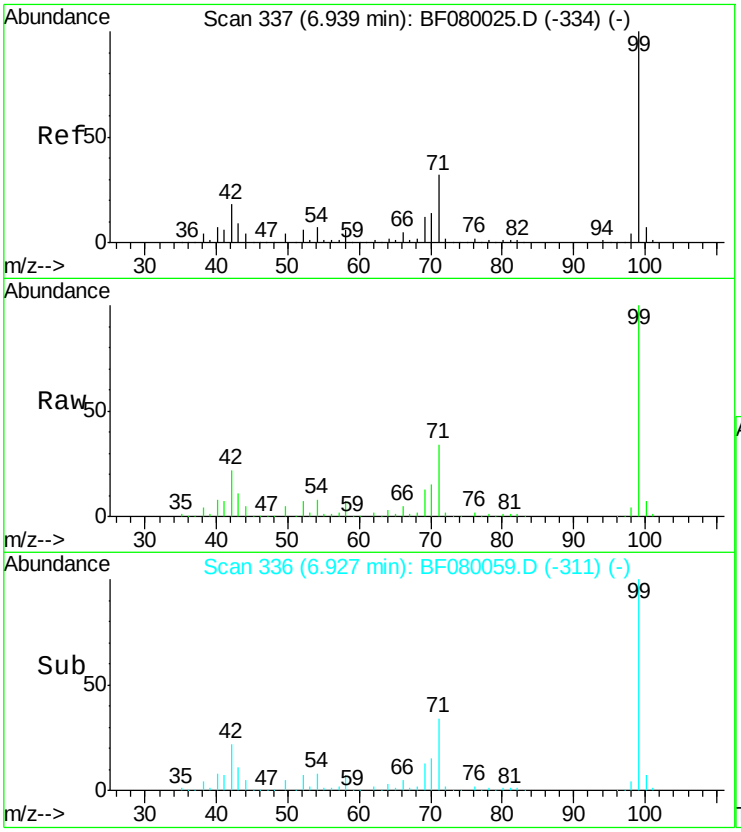


#5
2-Fluorophenol
Concen: 131.94 ng
RT: 5.94 min Scan# 250
Delta R.T. 0.00 min
Lab File: BF080059.D
Acq: 19 Jun 2015 16:01

Tgt Ion:112 Resp: 293818

Ion	Ratio	Lower	Upper
112	100		
64	55.8	39.7	59.5
63	27.2	17.4	26.0#





#7
Phenol-d6
Concen: 119.30 ng
RT: 6.93 min Scan# 336
Delta R.T. -0.01 min
Lab File: BF080059.D
Acq: 19 Jun 2015 16:01

Tgt Ion: 99 Resp: 353539

Ion	Ratio	Lower	Upper
99	100		
42	21.6	13.7	20.5#
71	34.5	14.2	21.2#

Instrument :
BNA_F
ClientSampleId :
LOD-WATER2015-01

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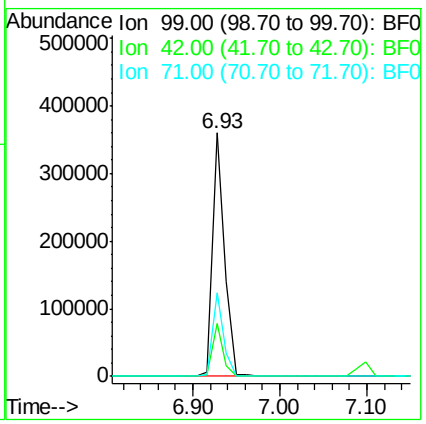
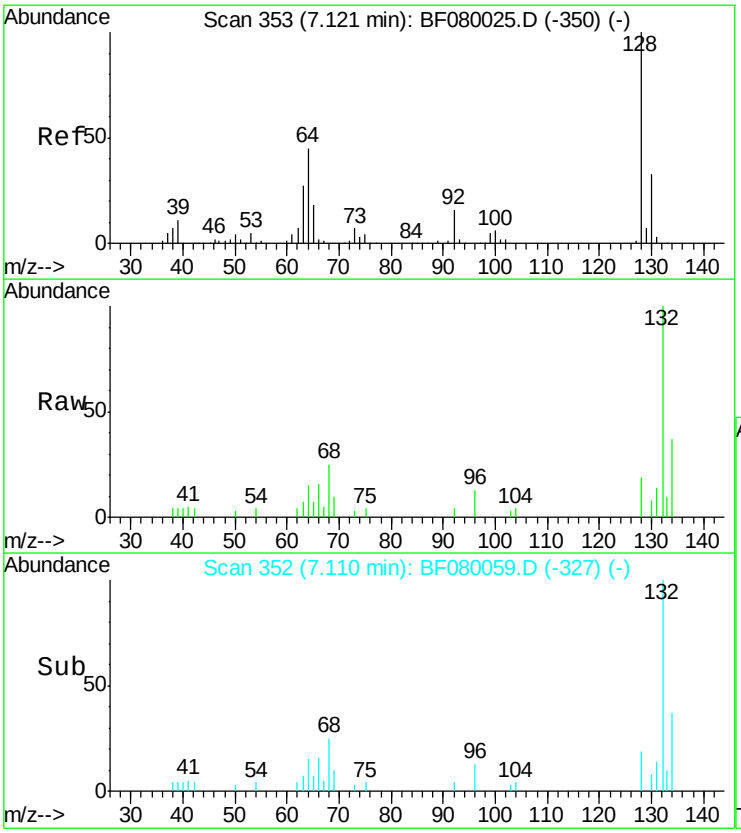
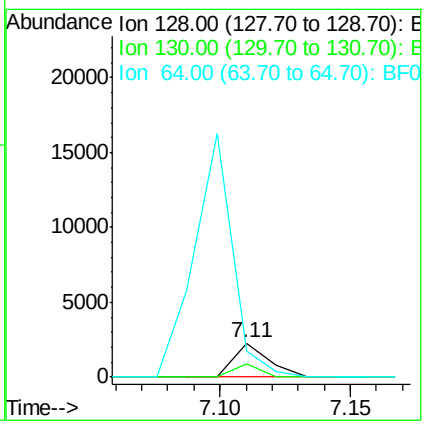


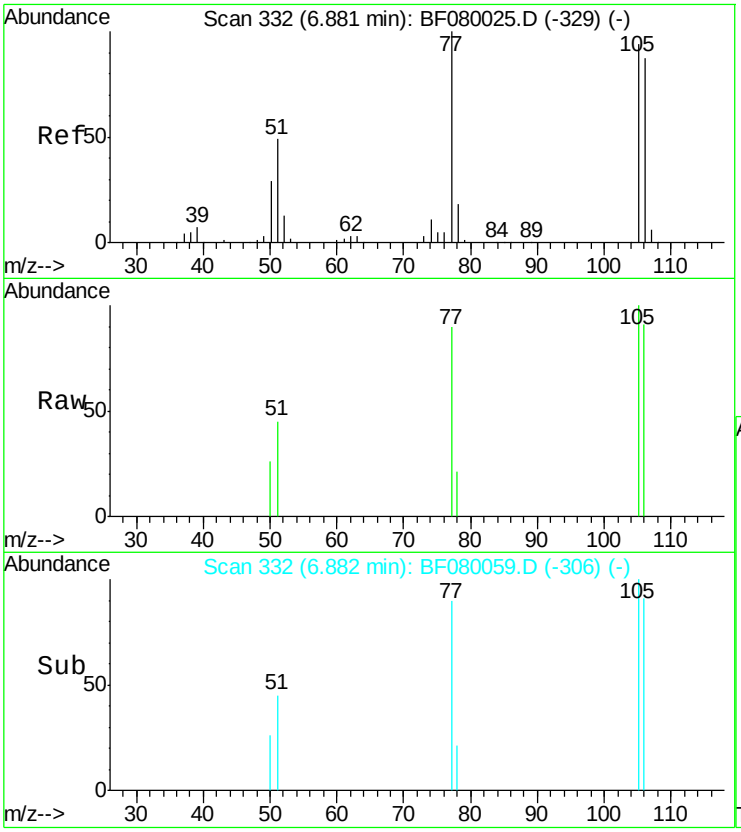


#8
2-Chlorophenol
Concen: 0.81 ng
RT: 7.11 min Scan# 352
Delta R.T. -0.01 min
Lab File: BF080059.D
Acq: 19 Jun 2015 16:01

Tgt Ion:128 Resp: 2086

Ion	Ratio	Lower	Upper
128	100		
130	40.2	12.2	52.2
64	76.1	20.5	60.5#

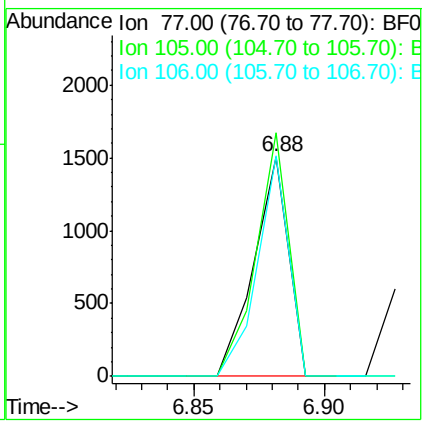




#9
Benzaldehyde
Concen: 0.82 ng
RT: 6.88 min Scan# 332
Delta R.T. 0.00 min
Lab File: BF080059.D
Acq: 19 Jun 2015 16:01

Tgt Ion: 77 Resp: 1404

Ion	Ratio	Lower	Upper
77	100		
105	110.7	91.6	131.6
106	100.3	102.6	142.6#



Instrument :
BNA_F
ClientSampleId :
LOD-WATER2015-01

Manual Integrations APPROVED
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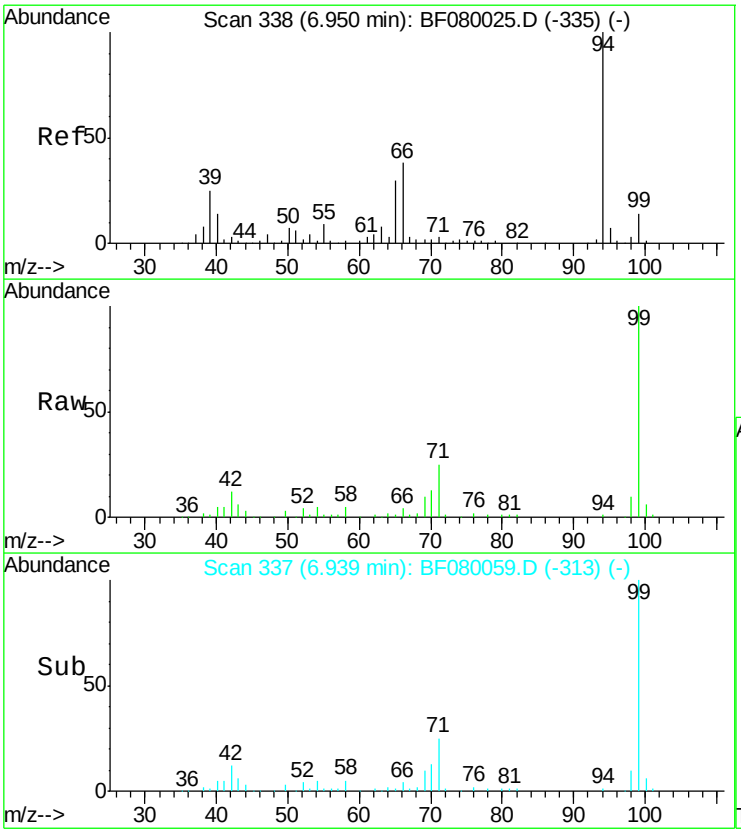
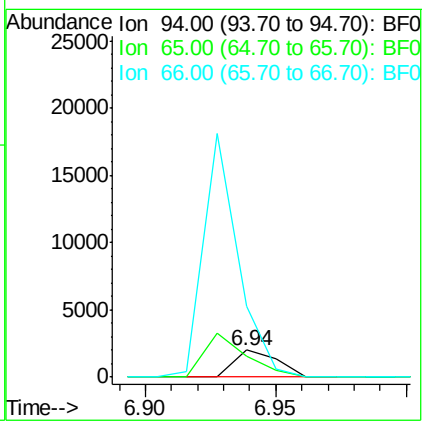
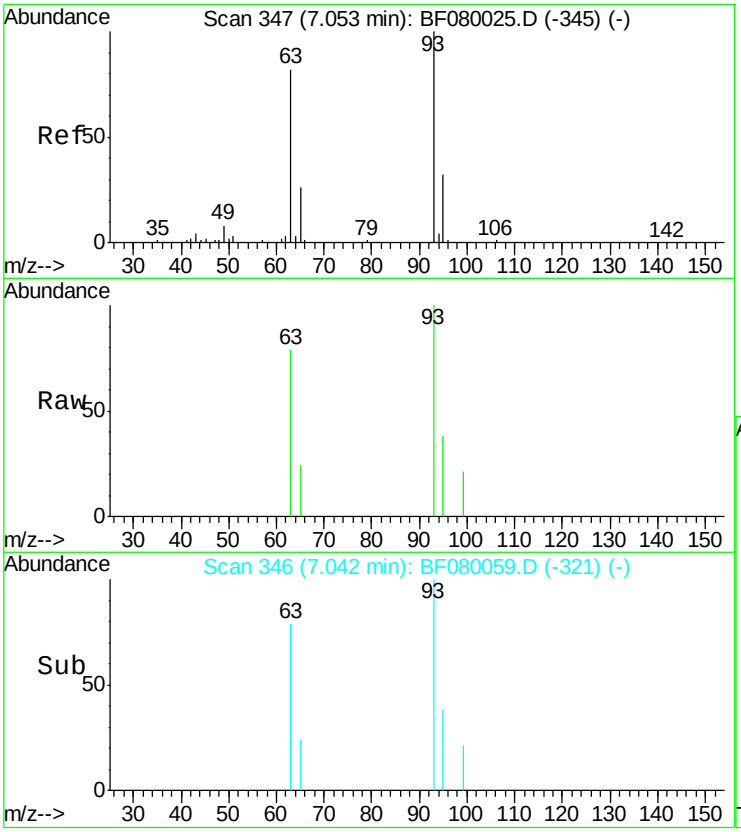


#10
Phenol
Concen: 0.72 ng
RT: 6.94 min Scan# 337
Delta R.T. -0.02 min
Lab File: BF080059.D
Acq: 19 Jun 2015 16:01

Tgt Ion: 94 Resp: 2327

Ion	Ratio	Lower	Upper
94	100		
65	75.7	0.7	40.7#
66	260.8	0.8	40.8#

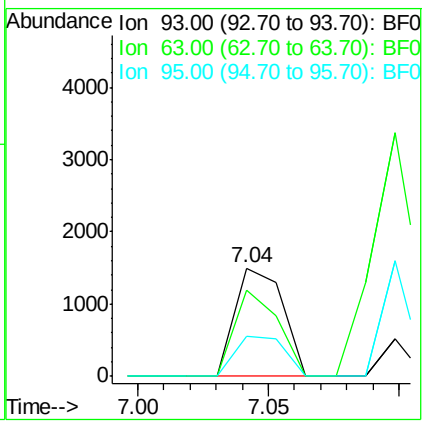




#11
bis(2-Chloroethyl)ether
Concen: 0.75 ng
RT: 7.04 min Scan# 346
Delta R.T. -0.01 min
Lab File: BF080059.D
Acq: 19 Jun 2015 16:01

Tgt Ion: 93 Resp: 1923

Ion	Ratio	Lower	Upper
93	100		
63	79.2	65.6	105.6
95	37.5	13.6	53.6



Instrument :
BNA_F
ClientSampleId :
LOD-WATER2015-01

Manual Integrations APPROVED
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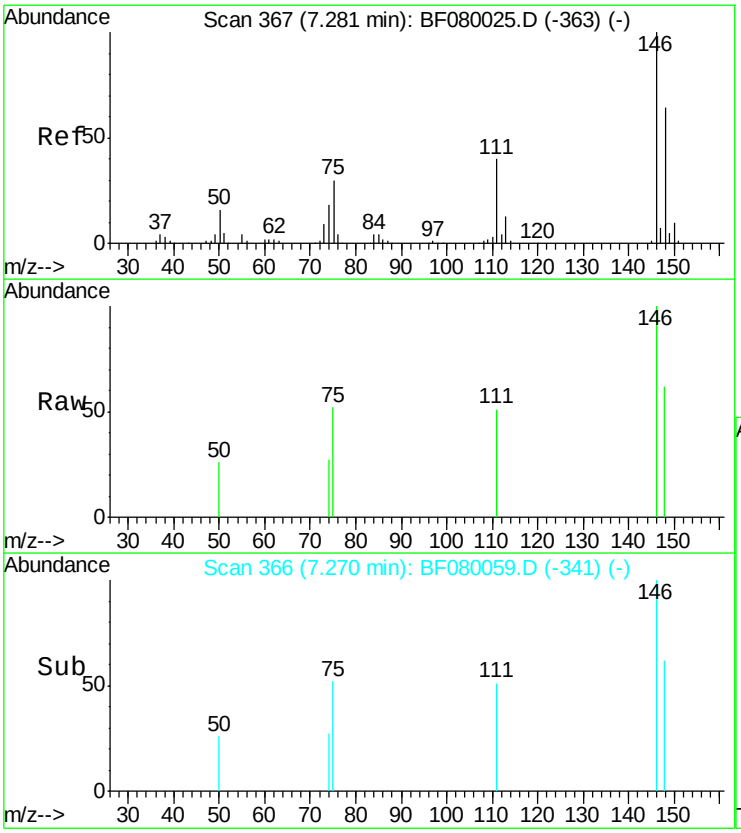
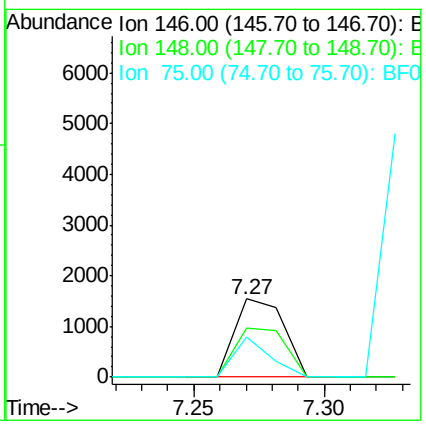
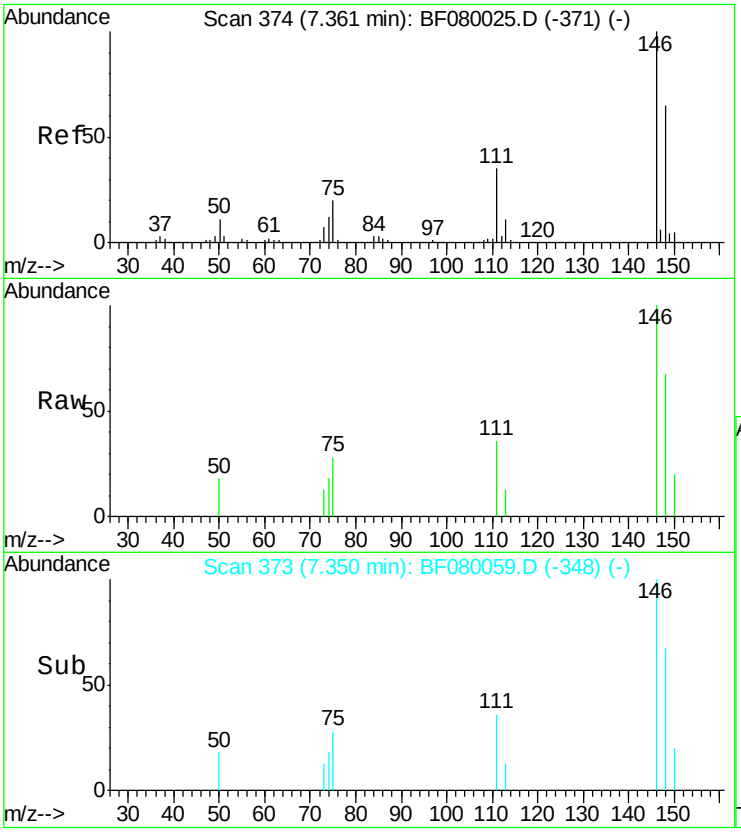


#12
1,3-Dichlorobenzene
Concen: 0.65 ng
RT: 7.27 min Scan# 366
Delta R.T. -0.01 min
Lab File: BF080059.D
Acq: 19 Jun 2015 16:01

Tgt Ion:146 Resp: 2007

Ion	Ratio	Lower	Upper
146	100		
148	62.5	51.0	76.4
75	51.7	15.0	22.6#

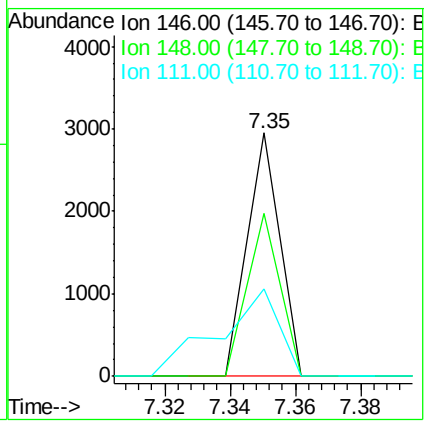




#13
1,4-Dichlorobenzene
Concen: 0.69 ng
RT: 7.35 min Scan# 373
Delta R.T. -0.01 min
Lab File: BF080059.D
Acq: 19 Jun 2015 16:01

Tgt Ion:146 Resp: 2025

Ion	Ratio	Lower	Upper
146	100		
148	66.7	51.8	77.6
111	36.2	24.9	37.3



Instrument :
BNA_F
ClientSampleId :
LOD-WATER2015-01

Manual Integrations APPROVED
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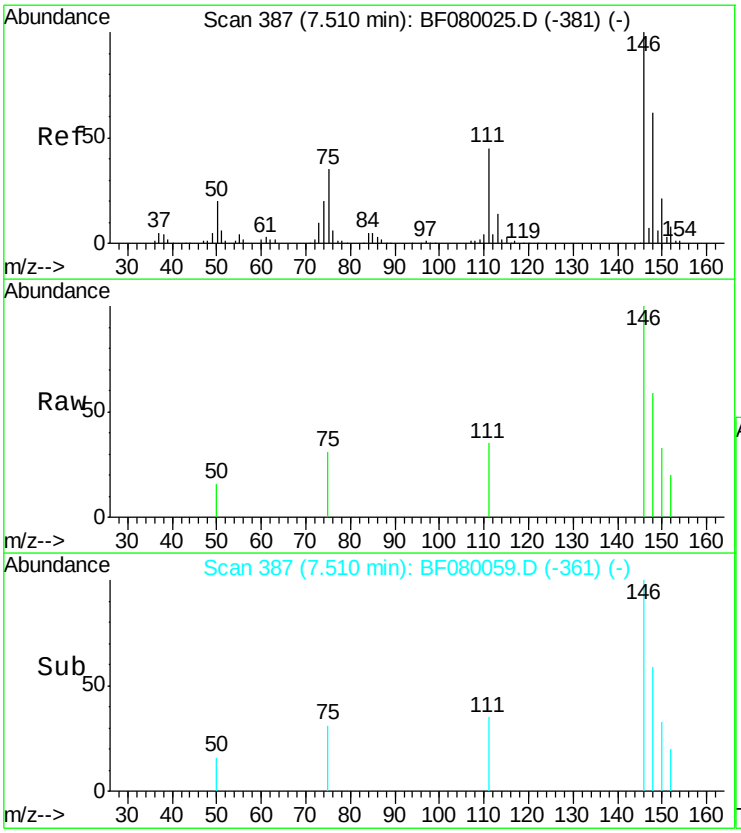
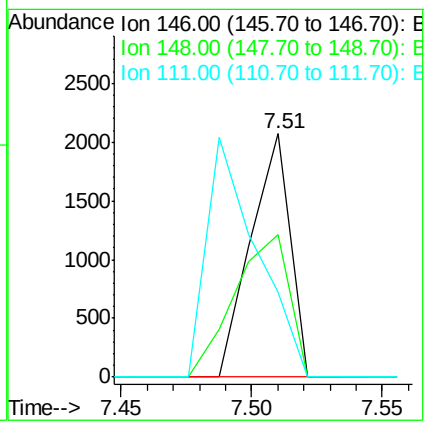
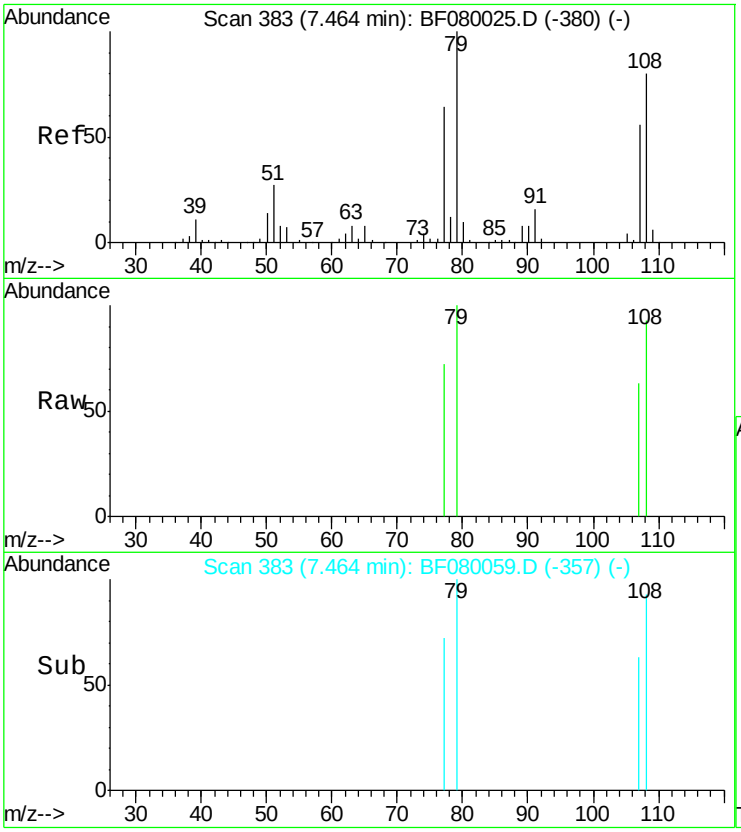


#14
1,2-Dichlorobenzene
Concen: 0.76 ng
RT: 7.51 min Scan# 387
Delta R.T. 0.00 min
Lab File: BF080059.D
Acq: 19 Jun 2015 16:01

Tgt Ion:146 Resp: 2182

Ion	Ratio	Lower	Upper
146	100		
148	58.5	52.7	79.1
111	34.7	28.8	43.2

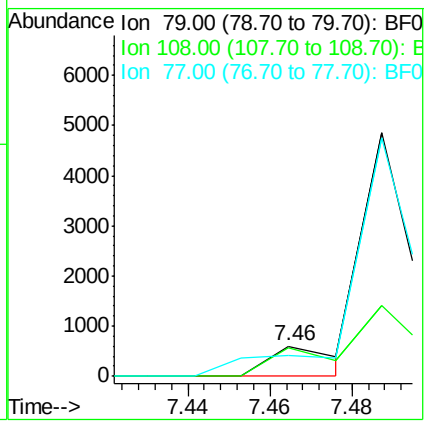




#15
Benzyl Alcohol
Concen: 0.28 ng m
RT: 7.46 min Scan# 383
Delta R.T. 0.00 min
Lab File: BF080059.D
Acq: 19 Jun 2015 16:01

Tgt Ion: 79 Resp: 683

Ion	Ratio	Lower	Upper
79	100		
108	93.0	88.6	132.8
77	71.6	47.0	70.4#



Instrument :
BNA_F
ClientSampleId :
LOD-WATER2015-01

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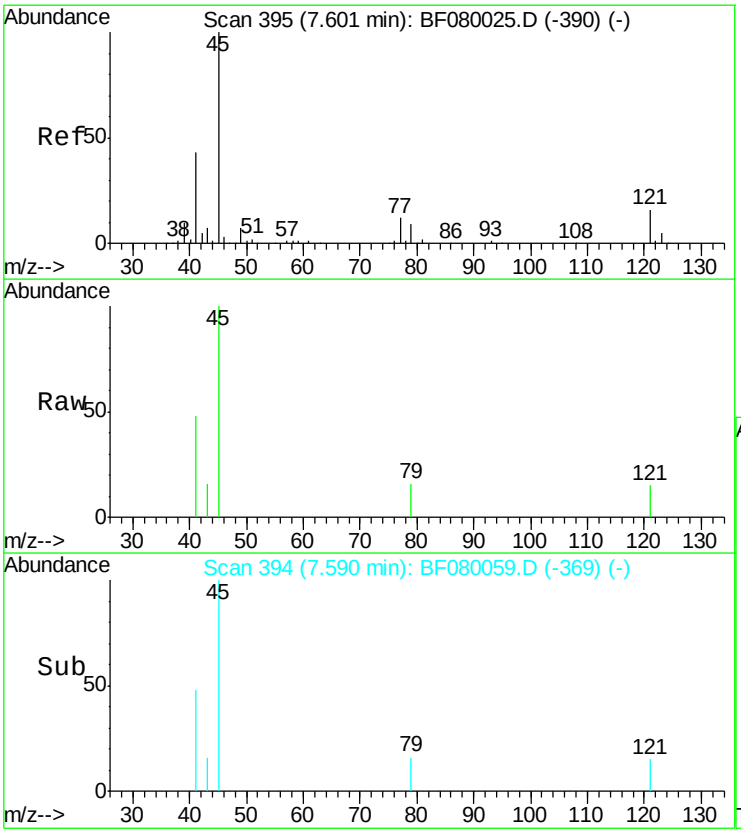
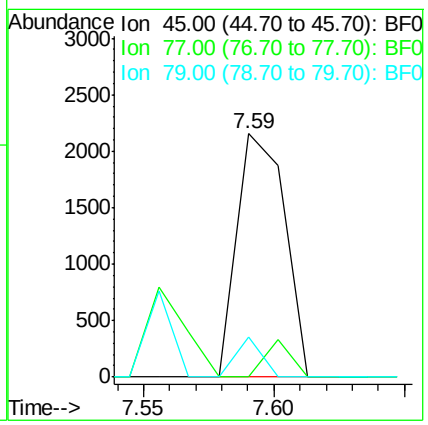
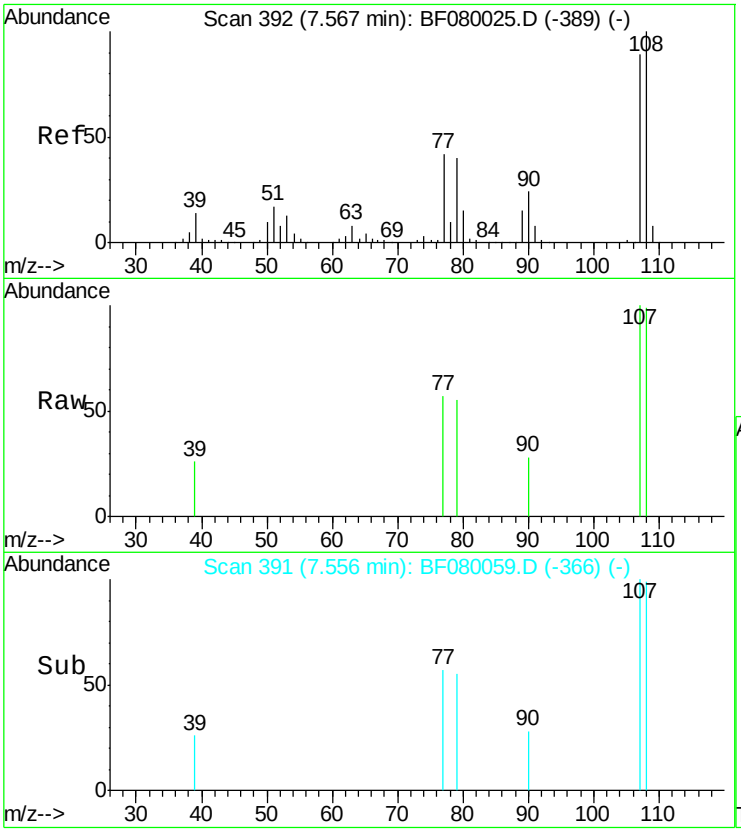


#16
2,2'-oxybis(1-Chloropropane)
Concen: 0.73 ng
RT: 7.59 min Scan# 394
Delta R.T. -0.01 min
Lab File: BF080059.D
Acq: 19 Jun 2015 16:01

Tgt Ion: 45 Resp: 2767

Ion	Ratio	Lower	Upper
45	100		
77	0.0	0.0	28.1
79	16.4	0.0	26.0

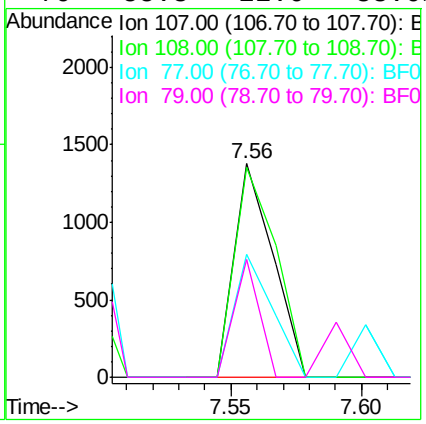




#17
2-Methylphenol
Concen: 0.66 ng
RT: 7.56 min Scan# 391
Delta R.T. -0.01 min
Lab File: BF080059.D
Acq: 19 Jun 2015 16:01

Tgt Ion:107 Resp: 1447

Ion	Ratio	Lower	Upper
107	100		
108	98.5	96.6	145.0
77	57.4	23.3	34.9#
79	55.3	22.0	33.0#



Instrument :
BNA_F
ClientSampleId :
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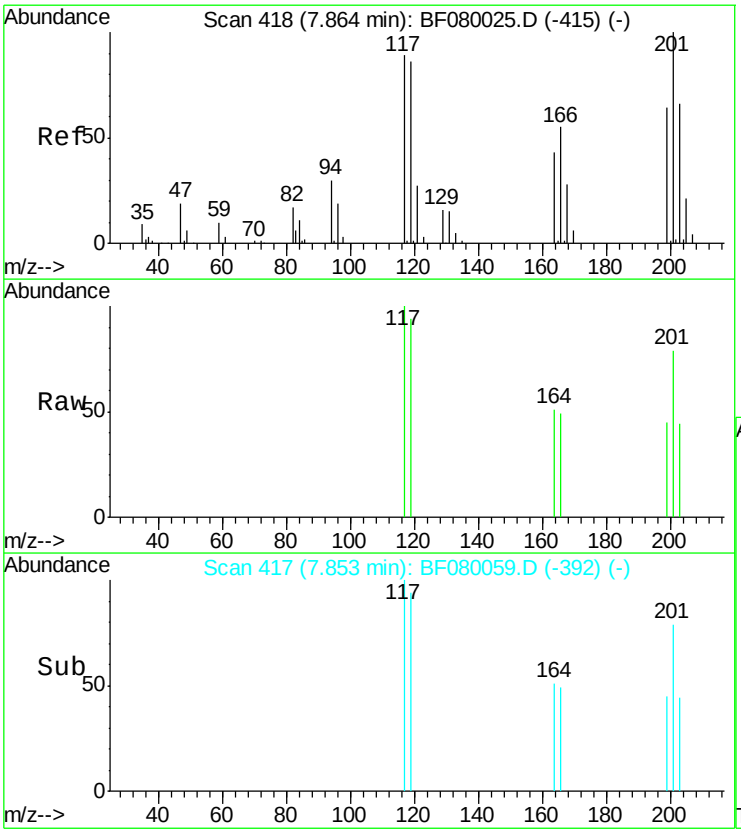
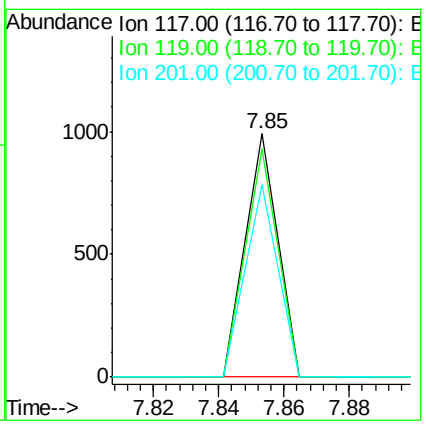
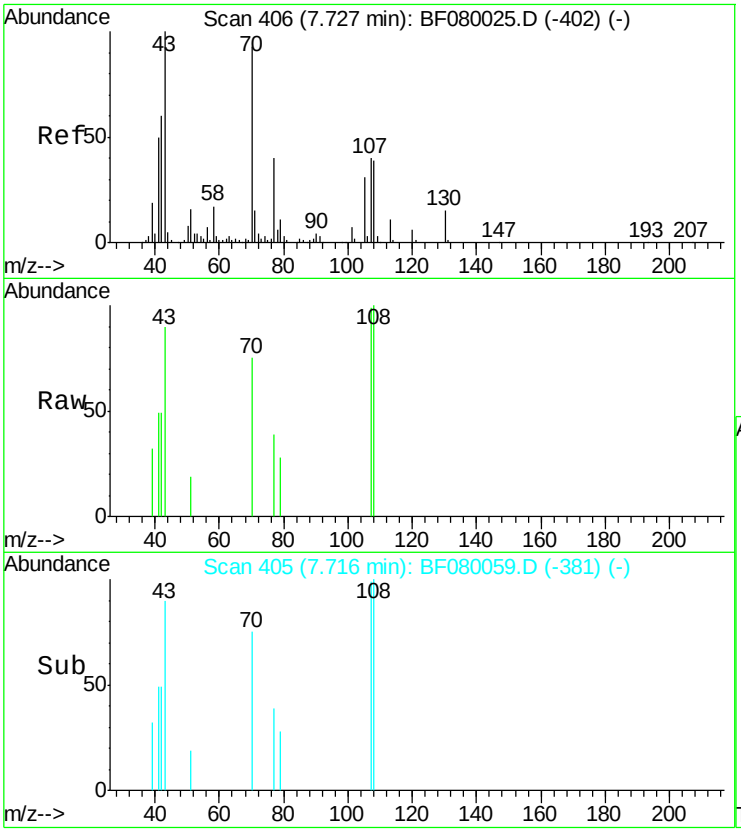


#18
Hexachloroethane
Concen: 0.69 ng
RT: 7.85 min Scan# 417
Delta R.T. -0.01 min
Lab File: BF080059.D
Acq: 19 Jun 2015 16:01

Tgt Ion:117 Resp: 680

Ion	Ratio	Lower	Upper
117	100		
119	93.8	83.8	125.6
201	79.1	55.1	82.7

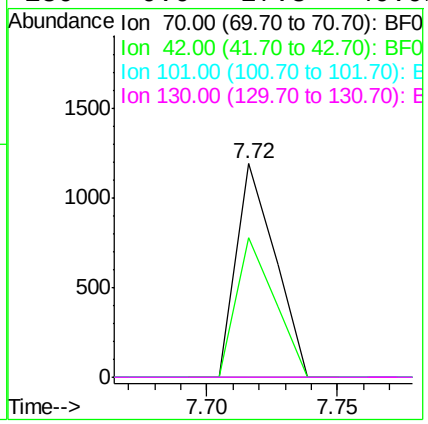




#19
n-Nitroso-di-n-propylamine
Concen: 0.61 ng
RT: 7.72 min Scan# 405
Delta R.T. -0.02 min
Lab File: BF080059.D
Acq: 19 Jun 2015 16:01

Tgt Ion: 70 Resp: 1250

Ion	Ratio	Lower	Upper
70	100		
42	65.4	63.8	95.6
101	0.0	9.2	13.8#
130	0.0	27.3	40.9#



Instrument :
BNA_F
ClientSampleId :
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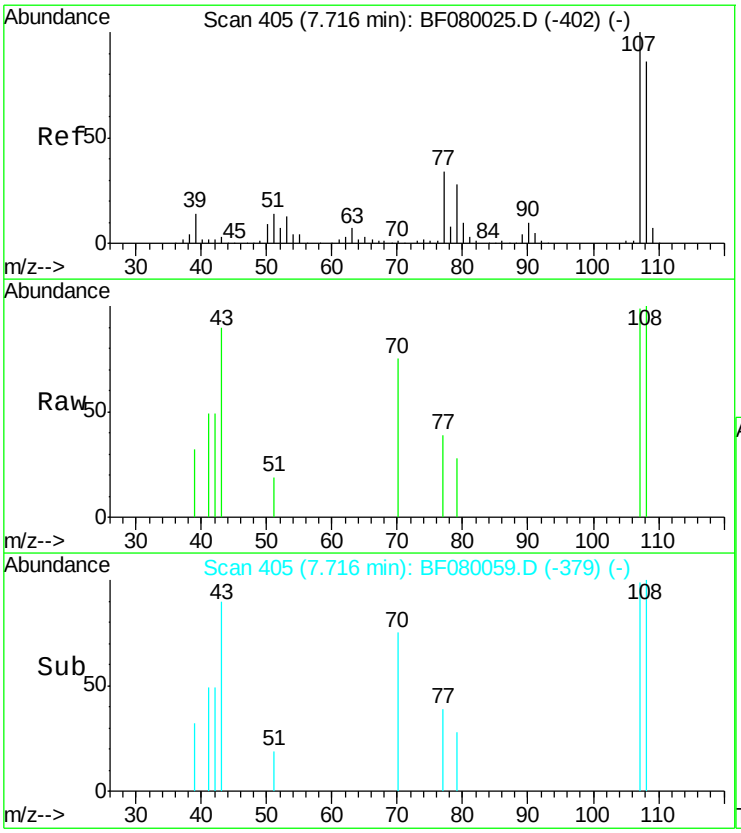
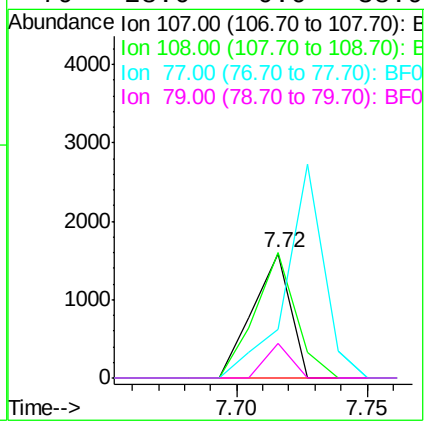
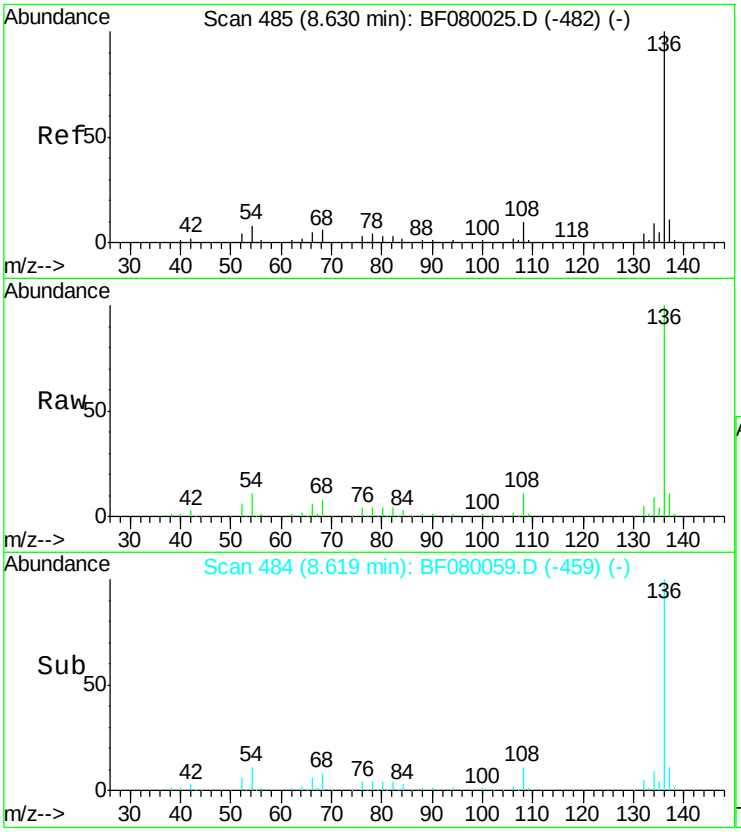


#20
3+4-Methylphenols
Concen: 0.57 ng
RT: 7.72 min Scan# 405
Delta R.T. 0.00 min
Lab File: BF080059.D
Acq: 19 Jun 2015 16:01

Tgt Ion:107 Resp: 1615

Ion	Ratio	Lower	Upper
107	100		
108	100.8	74.6	114.6
77	39.5	0.7	40.7
79	28.0	0.0	38.9

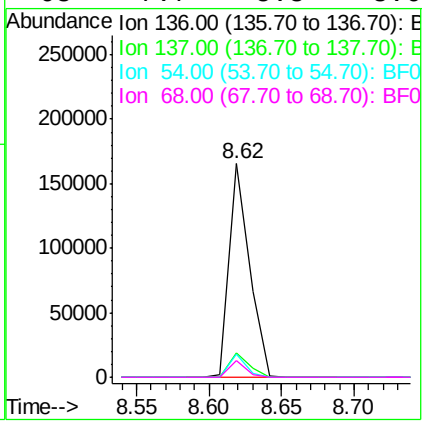




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.62 min Scan# 484
Delta R.T. -0.01 min
Lab File: BF080059.D
Acq: 19 Jun 2015 16:01

Tgt Ion:136 Resp: 161857

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.0	13.6
54	11.0	8.2	12.2
68	7.7	5.8	8.6



Instrument :
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ClientSampleId :
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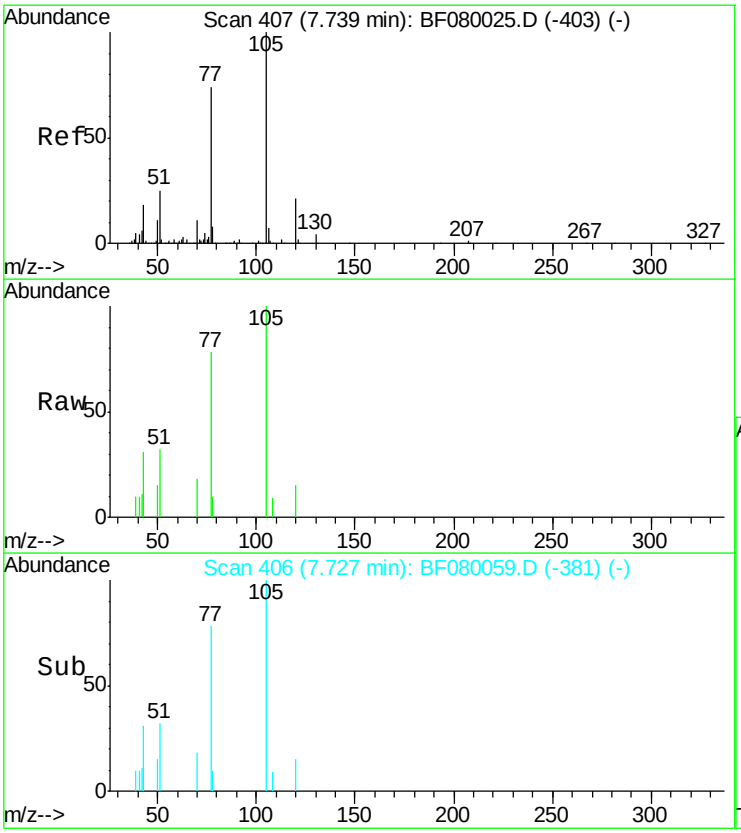
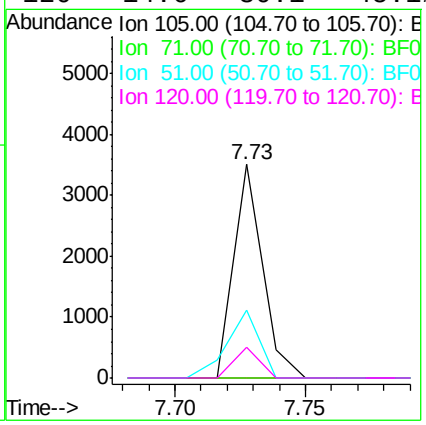
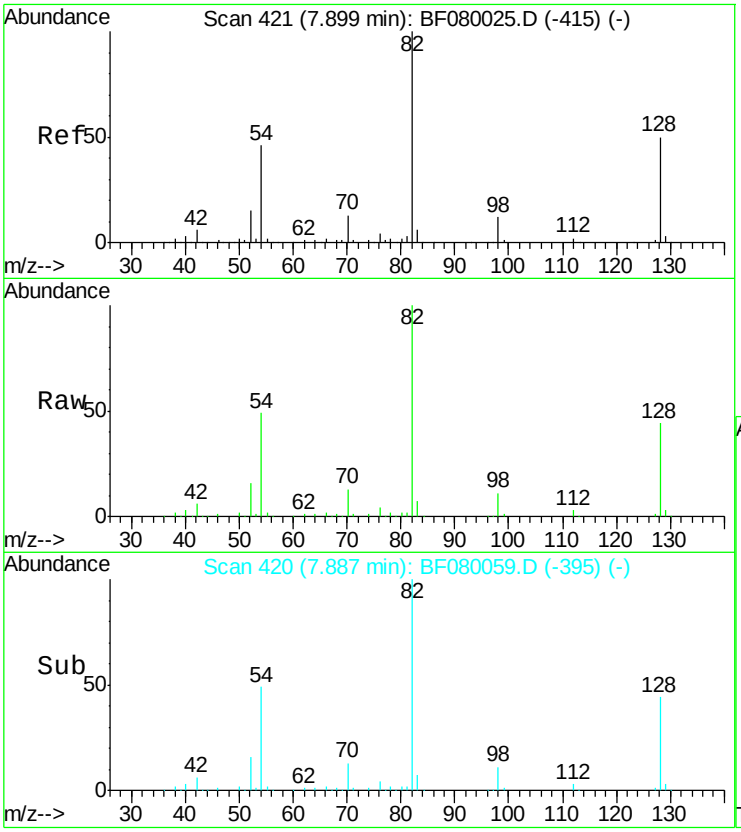


#22
Acetophenone
Concen: 0.72 ng
RT: 7.73 min Scan# 406
Delta R.T. -0.01 min
Lab File: BF080059.D
Acq: 19 Jun 2015 16:01

Tgt Ion:105 Resp: 2732

Ion	Ratio	Lower	Upper
105	100		
71	0.0	4.7	7.1#
51	31.5	22.0	33.0
120	14.6	30.1	45.1#

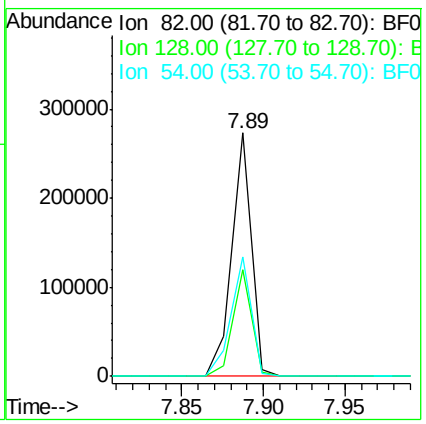




#23
Nitrobenzene-d5
Concen: 80.71 ng
RT: 7.89 min Scan# 420
Delta R.T. -0.01 min
Lab File: BF080059.D
Acq: 19 Jun 2015 16:01

Tgt Ion: 82 Resp: 224384

Ion	Ratio	Lower	Upper
82	100		
128	44.1	51.0	76.6#
54	48.9	47.5	71.3



Instrument :
BNA_F
ClientSampleId :
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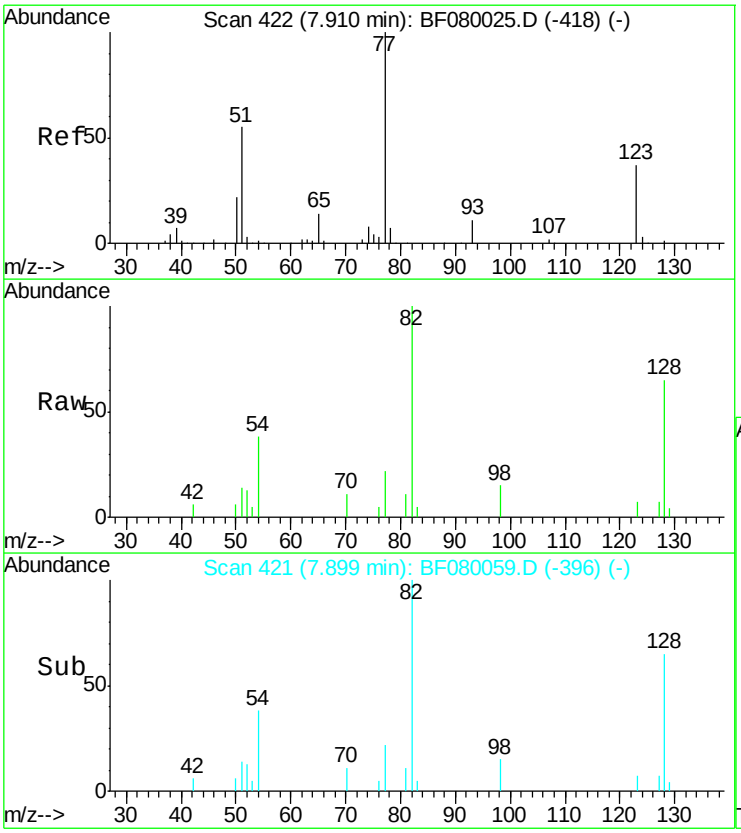
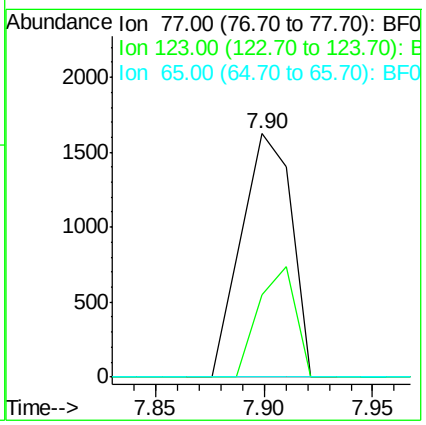
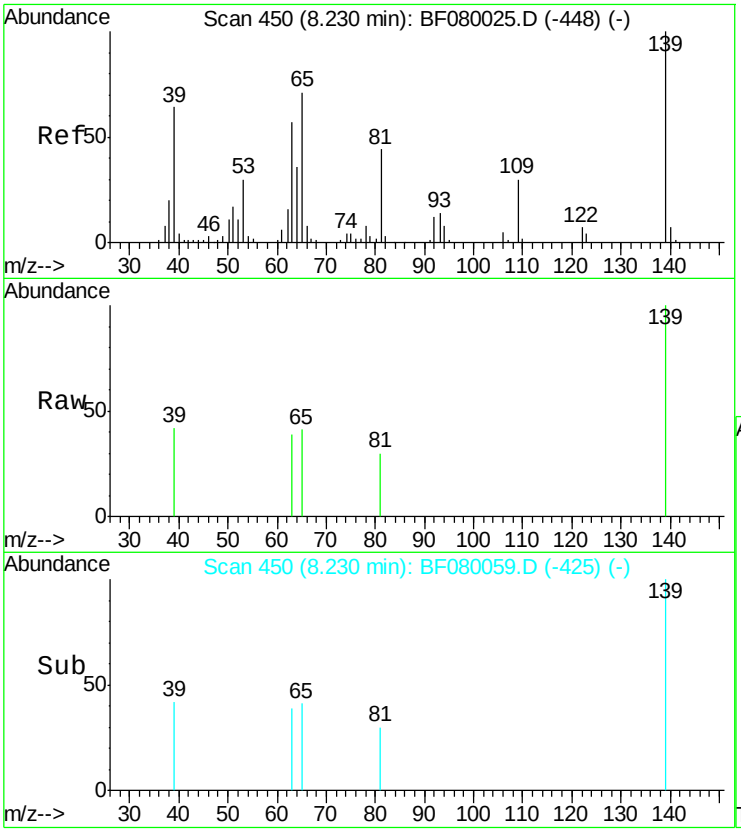


#24
Nitrobenzene
Concen: 0.91 ng
RT: 7.90 min Scan# 421
Delta R.T. -0.01 min
Lab File: BF080059.D
Acq: 19 Jun 2015 16:01

Tgt Ion: 77 Resp: 2621

Ion	Ratio	Lower	Upper
77	100		
123	33.9	59.8	89.8#
65	0.0	10.2	15.4#

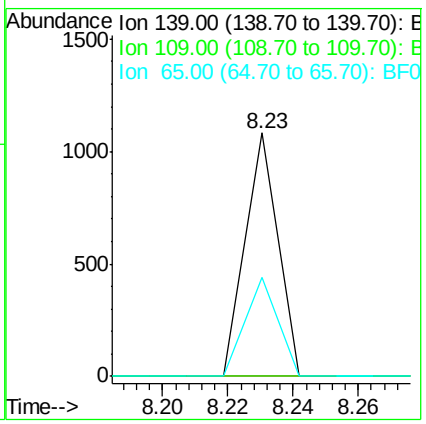




#26
2-Nitrophenol
Concen: 0.62 ng
RT: 8.23 min Scan# 450
Delta R.T. -0.01 min
Lab File: BF080059.D
Acq: 19 Jun 2015 16:01

Tgt Ion:139 Resp: 743

Ion	Ratio	Lower	Upper
139	100		
109	0.0	11.0	16.4#
65	40.7	24.7	37.1#



Instrument :
BNA_F
ClientSampleId :
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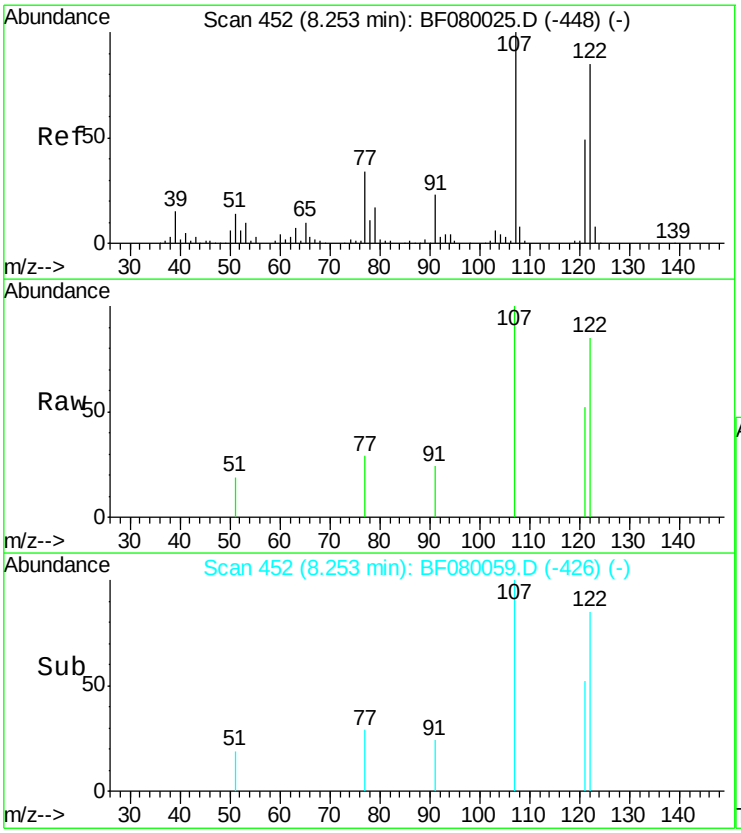
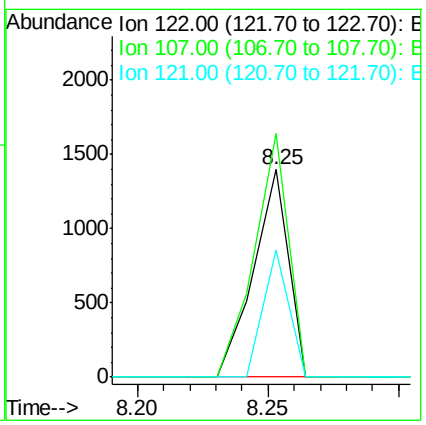
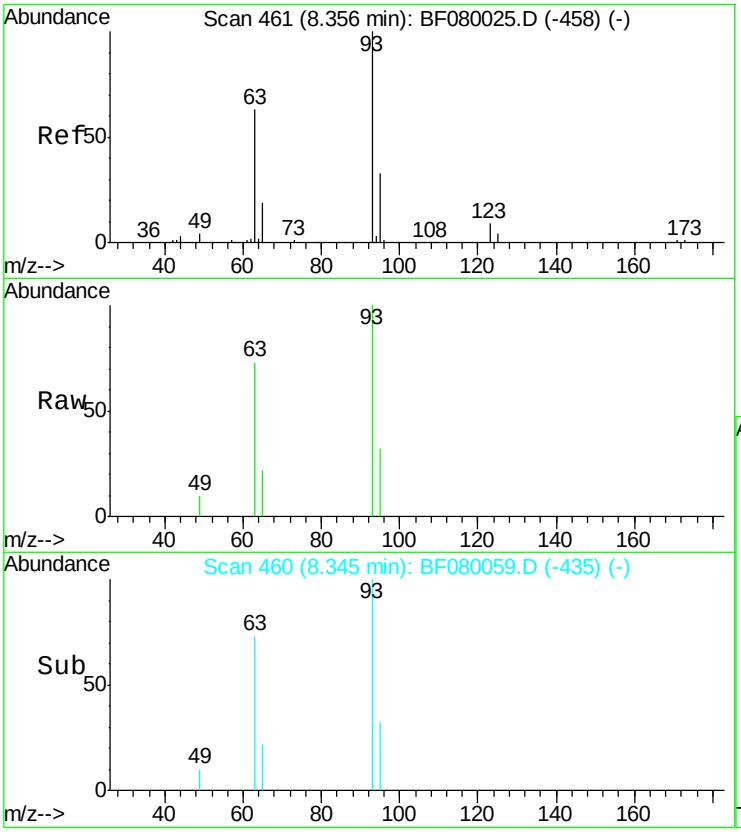


#27
2,4-Dimethylphenol
Concen: 0.52 ng
RT: 8.25 min Scan# 452
Delta R.T. 0.00 min
Lab File: BF080059.D
Acq: 19 Jun 2015 16:01

Tgt Ion:122 Resp: 1311

Ion	Ratio	Lower	Upper
122	100		
107	117.2	71.8	107.6#
121	61.1	42.3	63.5





#28
bis(2-Chloroethoxy)methane
Concen: 0.76 ng
RT: 8.34 min Scan# 460
Delta R.T. -0.01 min
Lab File: BF080059.D
Acq: 19 Jun 2015 16:01

Tgt Ion: 93 Resp: 2492

Ion	Ratio	Lower	Upper
93	100		
95	31.9	27.5	41.3
123	0.0	13.7	20.5#

Instrument :
BNA_F
ClientSampleId :
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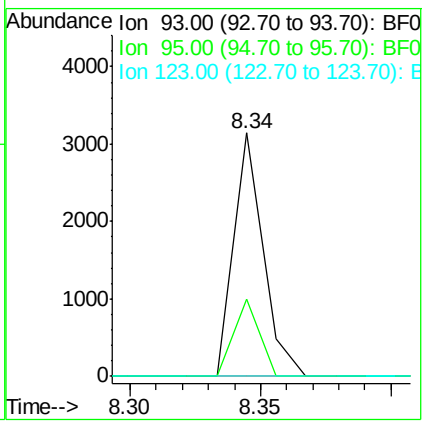
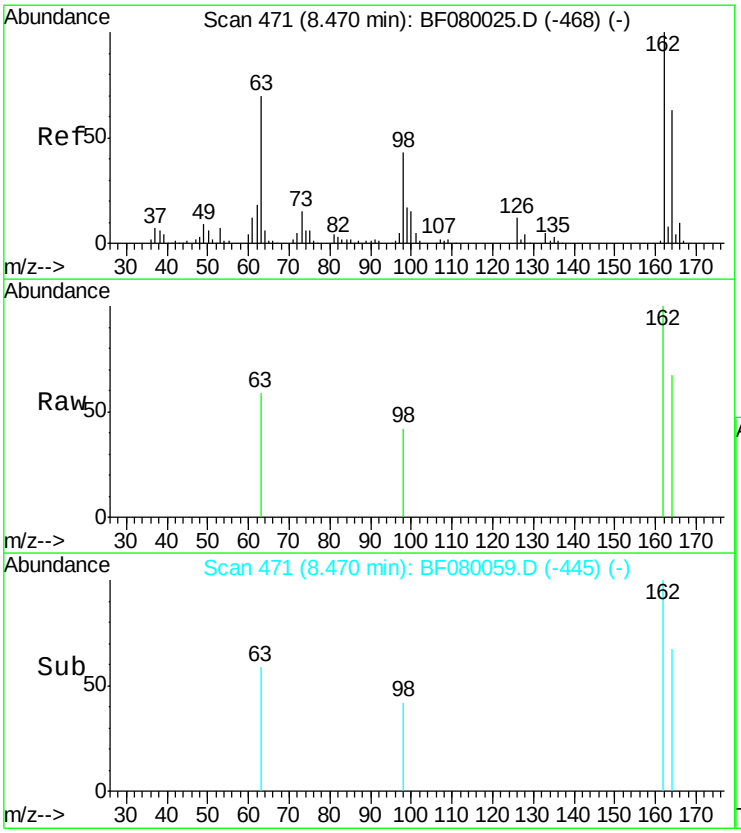
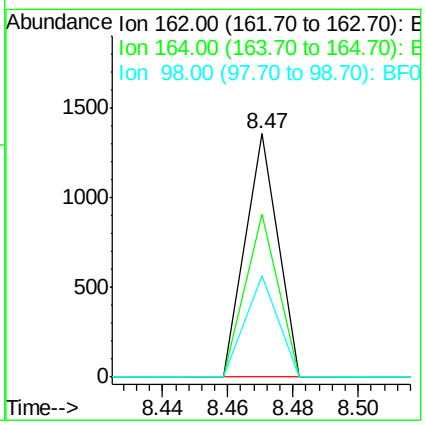


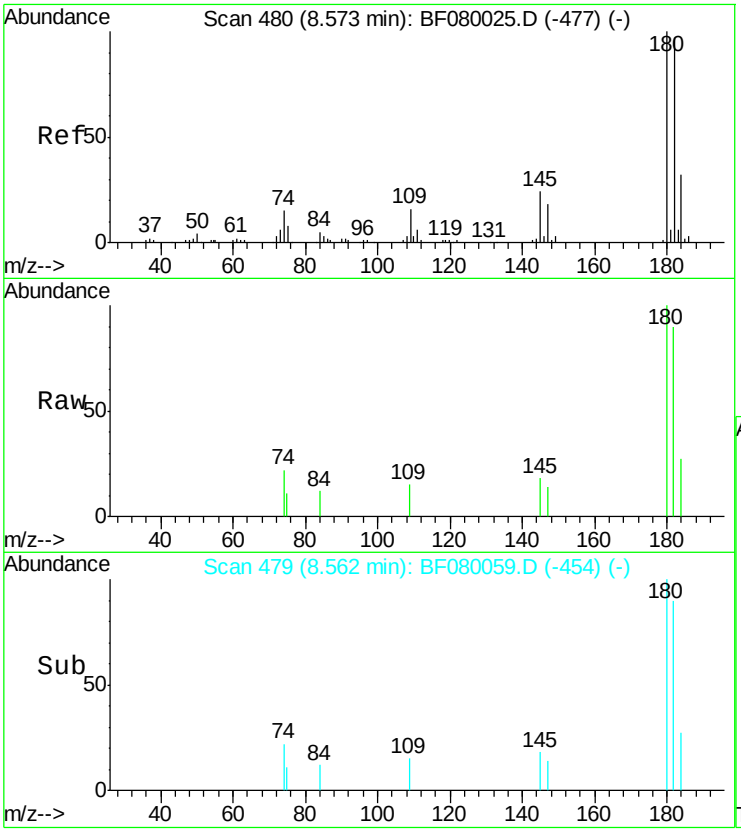


#29
2,4-Dichlorophenol
Concen: 0.43 ng
RT: 8.47 min Scan# 471
Delta R.T. 0.00 min
Lab File: BF080059.D
Acq: 19 Jun 2015 16:01

Tgt Ion:162 Resp: 932

Ion	Ratio	Lower	Upper
162	100		
164	66.9	44.9	84.9
98	41.5	13.0	53.0

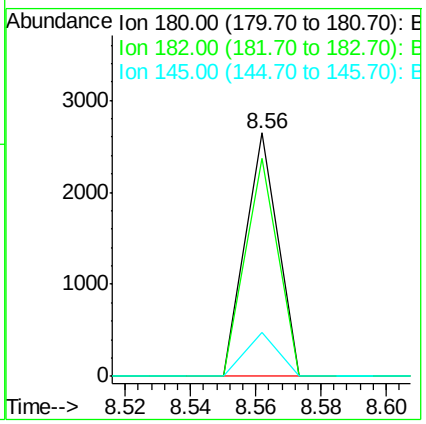




#30
1,2,4-Trichlorobenzene
Concen: 0.74 ng
RT: 8.56 min Scan# 479
Delta R.T. -0.01 min
Lab File: BF080059.D
Acq: 19 Jun 2015 16:01

Tgt Ion:180 Resp: 1814

Ion	Ratio	Lower	Upper
180	100		
182	89.5	77.1	115.7
145	18.2	23.3	34.9#



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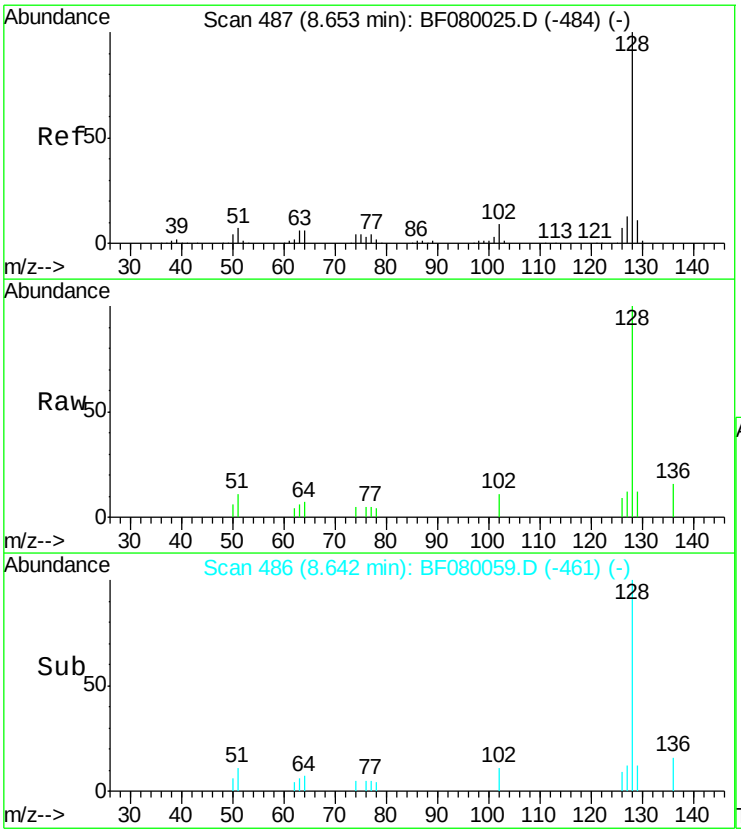
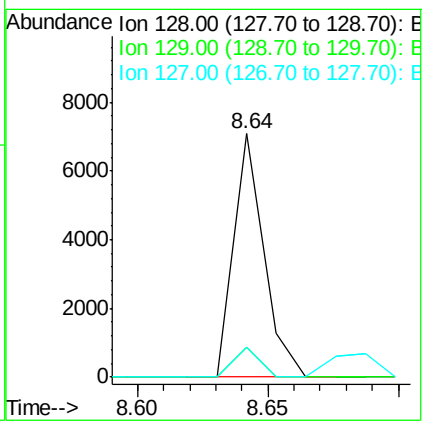
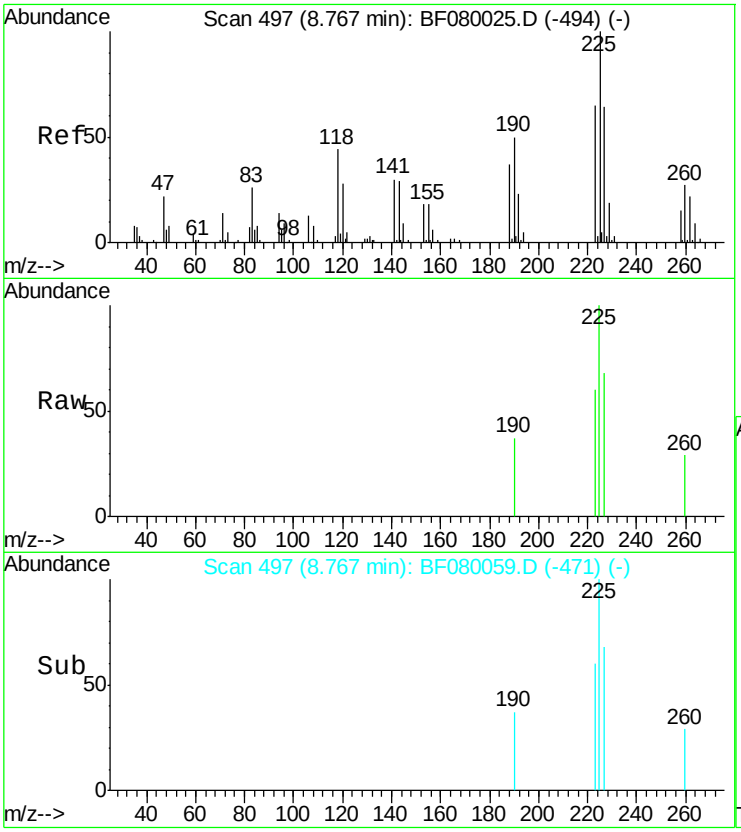


#31
Naphthalene
Concen: 0.68 ng
RT: 8.64 min Scan# 486
Delta R.T. -0.01 min
Lab File: BF080059.D
Acq: 19 Jun 2015 16:01

Tgt Ion:128 Resp: 5727

Ion	Ratio	Lower	Upper
128	100		
129	12.3	8.4	12.6
127	12.1	9.9	14.9

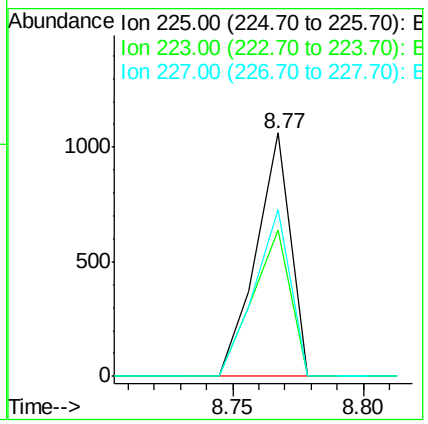




#34
Hexachlorobutadiene
Concen: 0.66 ng
RT: 8.77 min Scan# 497
Delta R.T. 0.00 min
Lab File: BF080059.D
Acq: 19 Jun 2015 16:01

Tgt Ion:225 Resp: 983

Ion	Ratio	Lower	Upper
225	100		
223	60.2	50.2	75.2
227	68.5	52.2	78.2



Instrument :
BNA_F
ClientSampleId :
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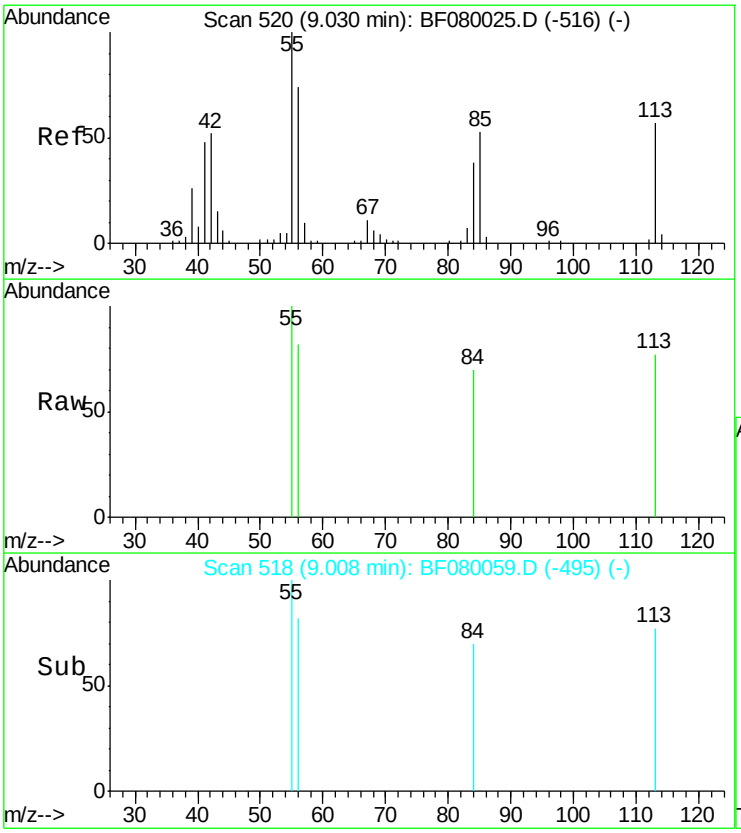
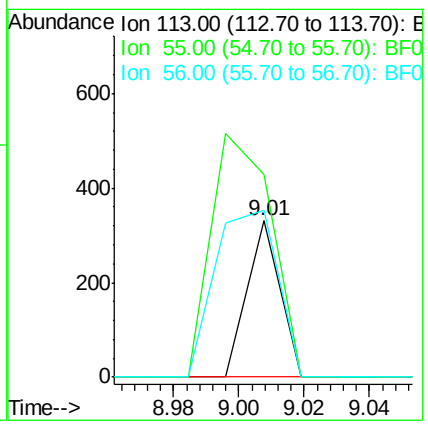
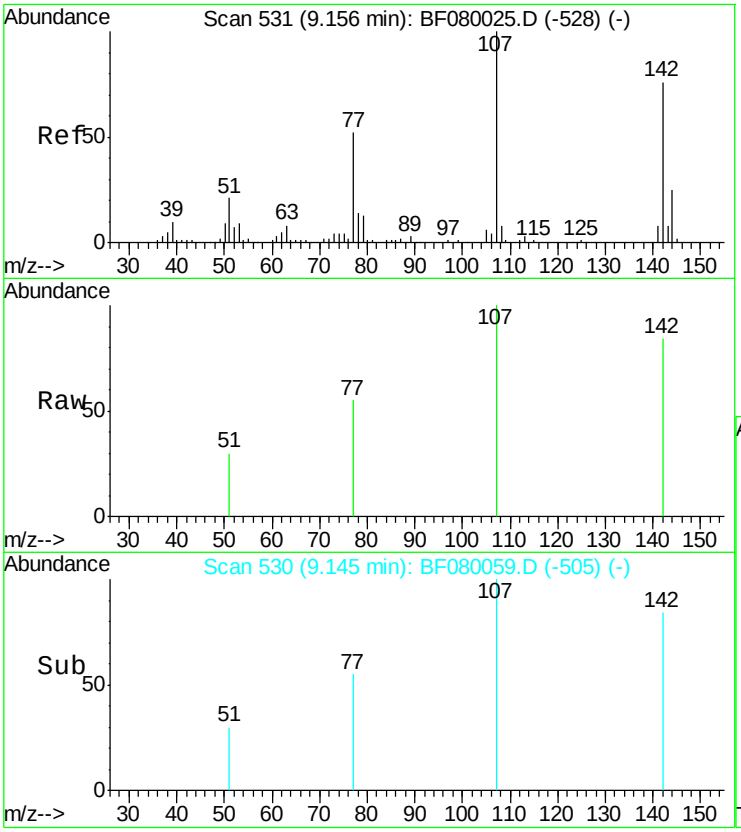


#35
Caprolactam
Concen: 0.33 ng
RT: 9.01 min Scan# 518
Delta R.T. -0.03 min
Lab File: BF080059.D
Acq: 19 Jun 2015 16:01

Tgt Ion:113 Resp: 227

Ion	Ratio	Lower	Upper
113	100		
55	129.6	152.4	192.4#
56	106.6	104.6	144.6

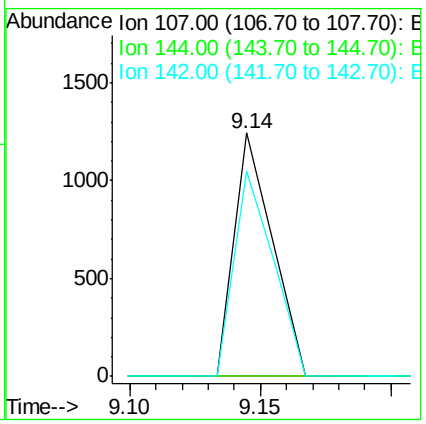




#36
4-Chloro-3-methylphenol
Concen: 0.53 ng
RT: 9.14 min Scan# 530
Delta R.T. -0.01 min
Lab File: BF080059.D
Acq: 19 Jun 2015 16:01

Tgt Ion:107 Resp: 1279

Ion	Ratio	Lower	Upper
107	100		
144	0.0	25.4	38.0#
142	84.3	77.3	115.9



Instrument :
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ClientSampleId :
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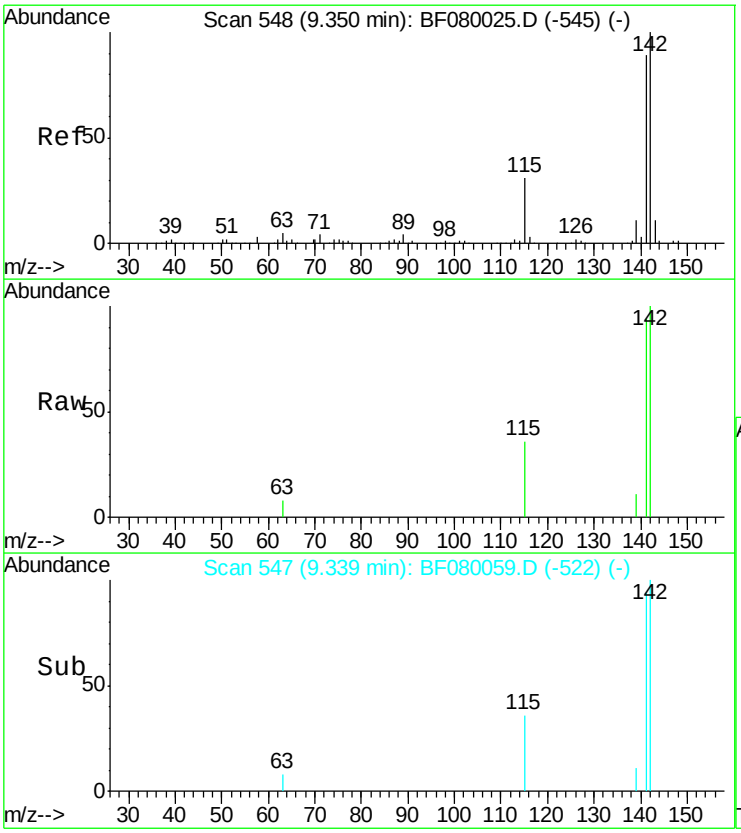
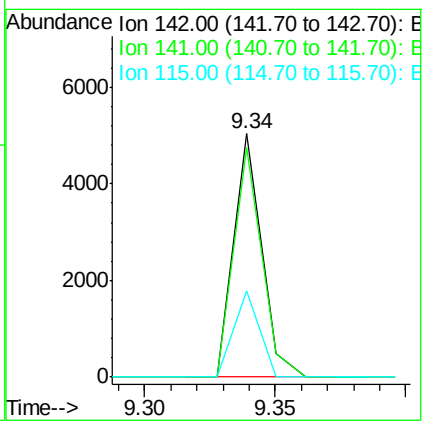
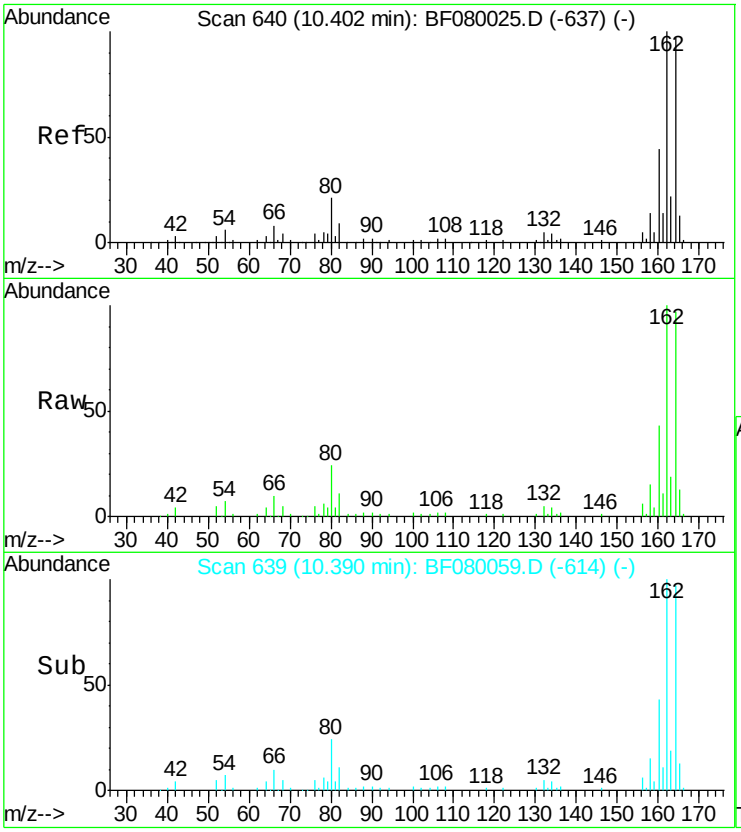


#37
2-Methylnaphthalene
Concen: 0.69 ng
RT: 9.34 min Scan# 547
Delta R.T. -0.01 min
Lab File: BF080059.D
Acq: 19 Jun 2015 16:01

Tgt Ion:142 Resp: 3794

Ion	Ratio	Lower	Upper
142	100		
141	94.4	67.5	101.3
115	35.5	18.2	27.2#

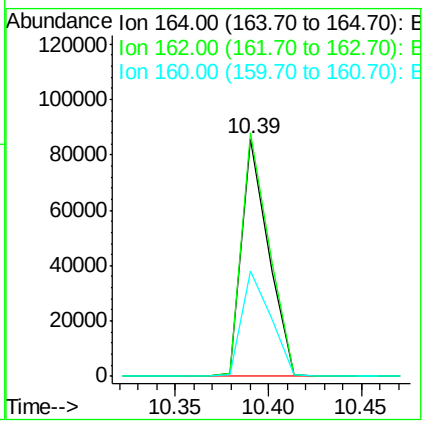




#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.39 min Scan# 639
Delta R.T. -0.01 min
Lab File: BF080059.D
Acq: 19 Jun 2015 16:01

Tgt Ion:164 Resp: 85648

Ion	Ratio	Lower	Upper
164	100		
162	102.6	75.2	112.8
160	44.4	31.5	47.3



Instrument :
BNA_F
ClientSampleId :
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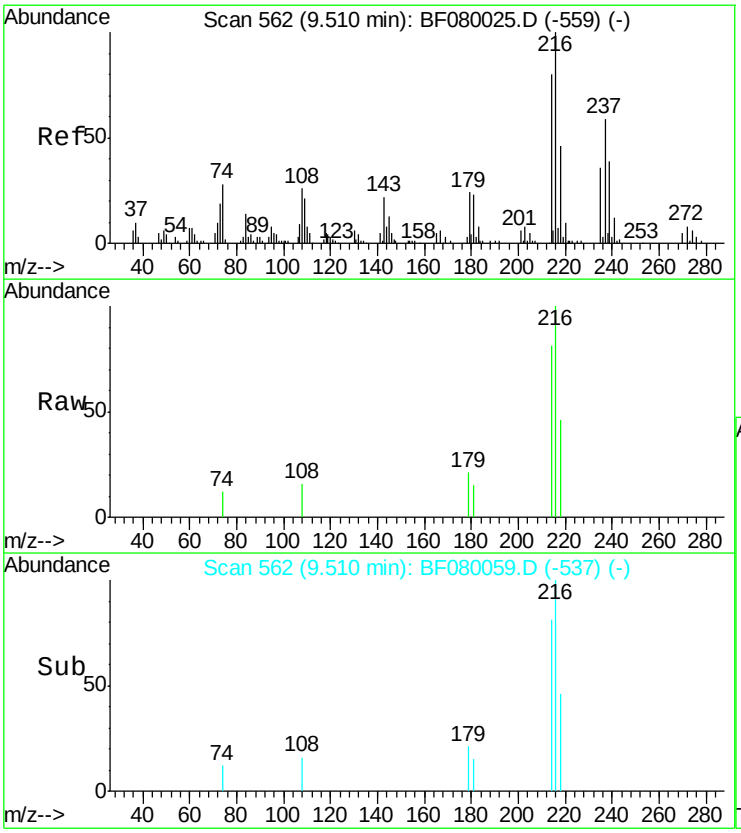
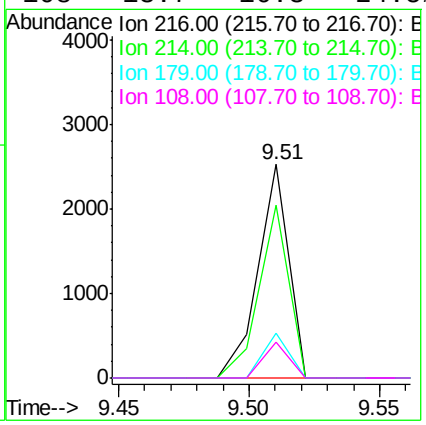
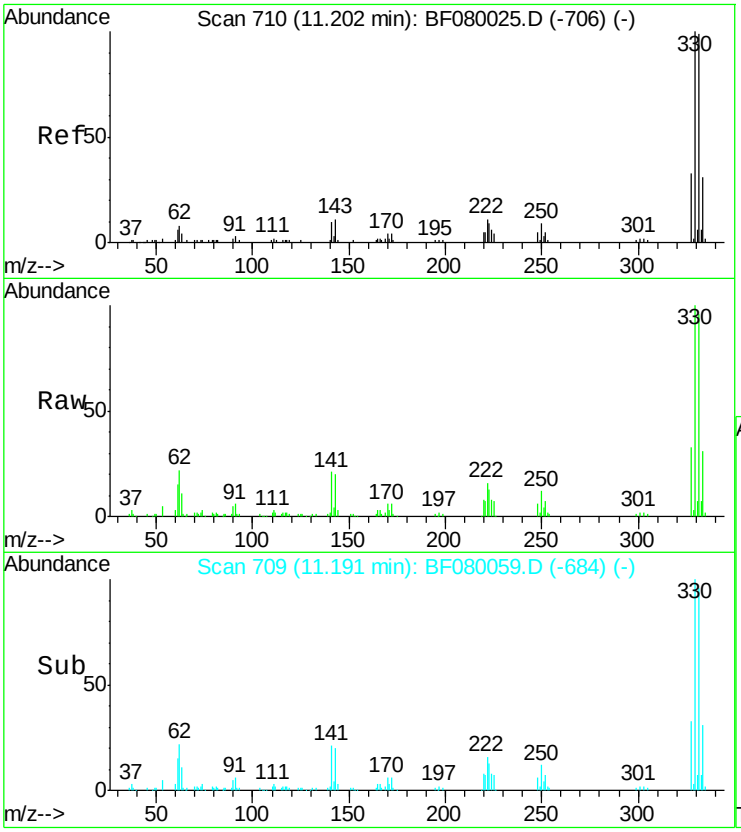


#39
1,2,4,5-Tetrachlorobenzene
Concen: 0.84 ng
RT: 9.51 min Scan# 562
Delta R.T. -0.01 min
Lab File: BF080059.D
Acq: 19 Jun 2015 16:01

Tgt Ion:216 Resp: 2084

Ion	Ratio	Lower	Upper
216	100		
214	78.9	63.5	95.3
179	17.5	16.6	24.8
108	13.7	16.3	24.5#

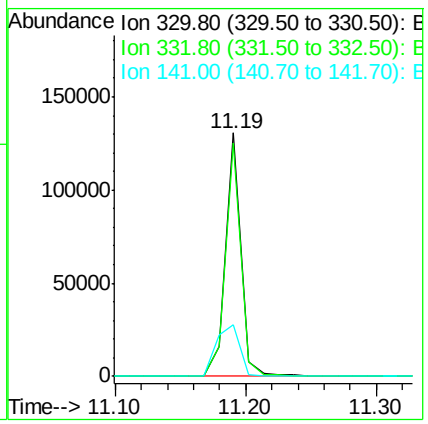




#41
2,4,6-Tribromophenol
Concen: 128.65 ng
RT: 11.19 min Scan# 709
Delta R.T. -0.01 min
Lab File: BF080059.D
Acq: 19 Jun 2015 16:01

Tgt Ion:330 Resp: 107743

Ion	Ratio	Lower	Upper
330	100		
332	96.0	76.6	114.8
141	32.7	29.7	44.5



Instrument :
BNA_F
ClientSampleId :
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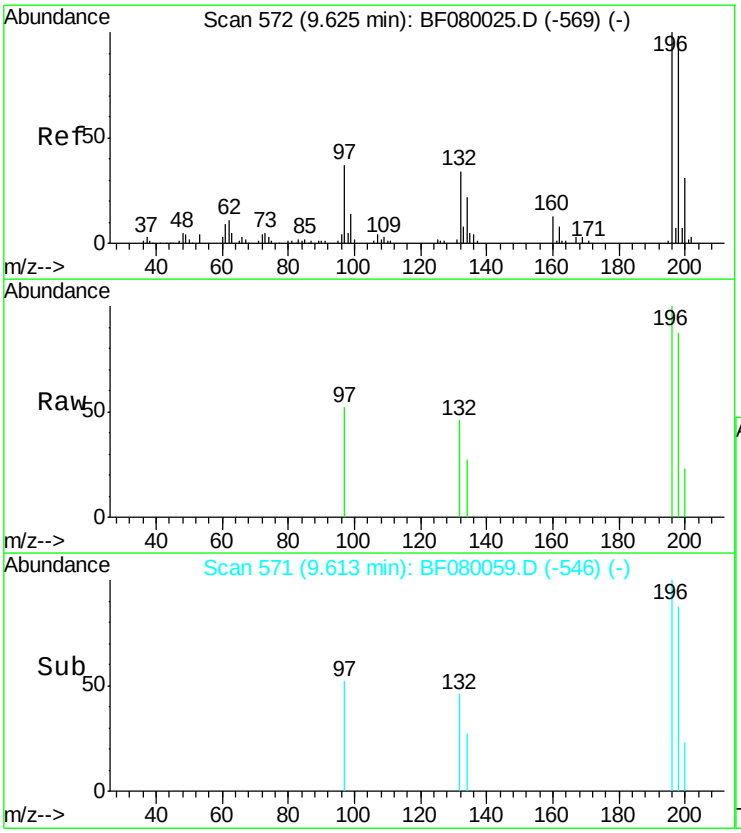
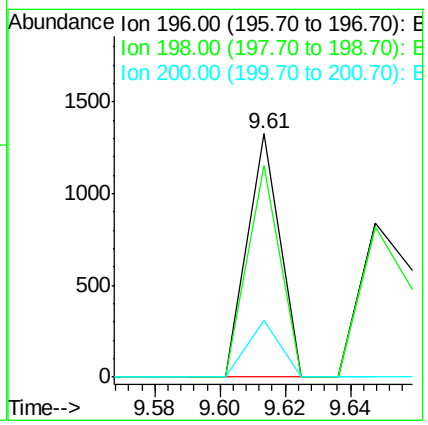
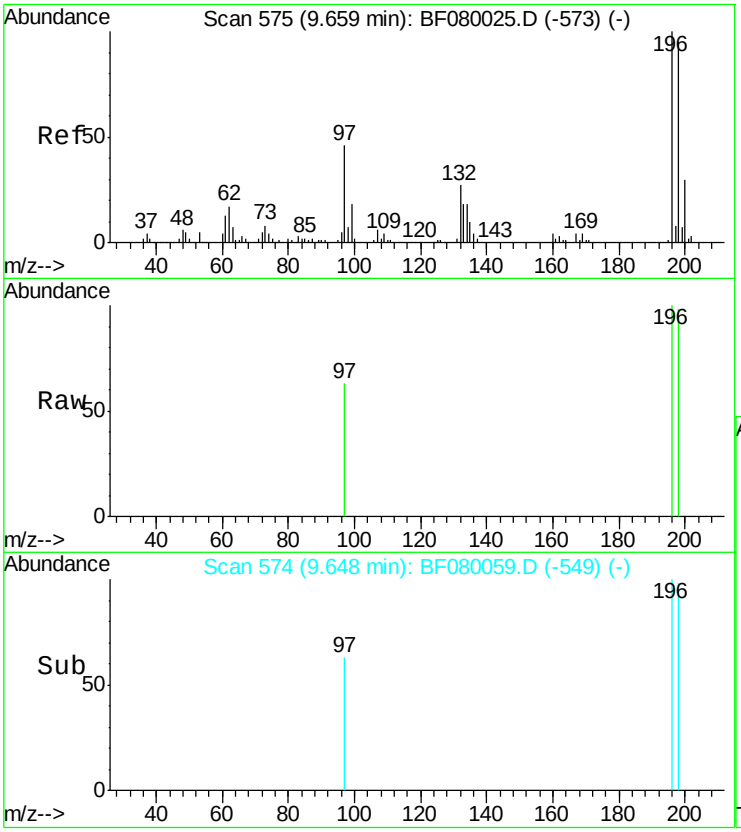


#42
2,4,6-Trichlorophenol
Concen: 0.54 ng
RT: 9.61 min Scan# 571
Delta R.T. -0.01 min
Lab File: BF080059.D
Acq: 19 Jun 2015 16:01

Tgt Ion:196 Resp: 911

Ion	Ratio	Lower	Upper
196	100		
198	86.8	75.7	113.5
200	23.5	23.9	35.9#

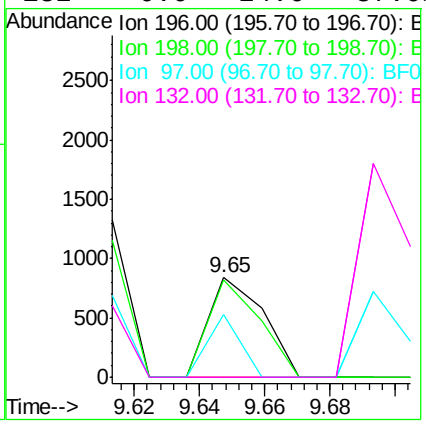




#43
2,4,5-Trichlorophenol
Concen: 0.50 ng
RT: 9.65 min Scan# 574
Delta R.T. -0.01 min
Lab File: BF080059.D
Acq: 19 Jun 2015 16:01

Tgt Ion:196 Resp: 976

Ion	Ratio	Lower	Upper
196	100		
198	97.6	75.4	113.0
97	62.7	33.3	49.9#
132	0.0	24.6	37.0#



Instrument :
BNA_F
ClientSampleId :
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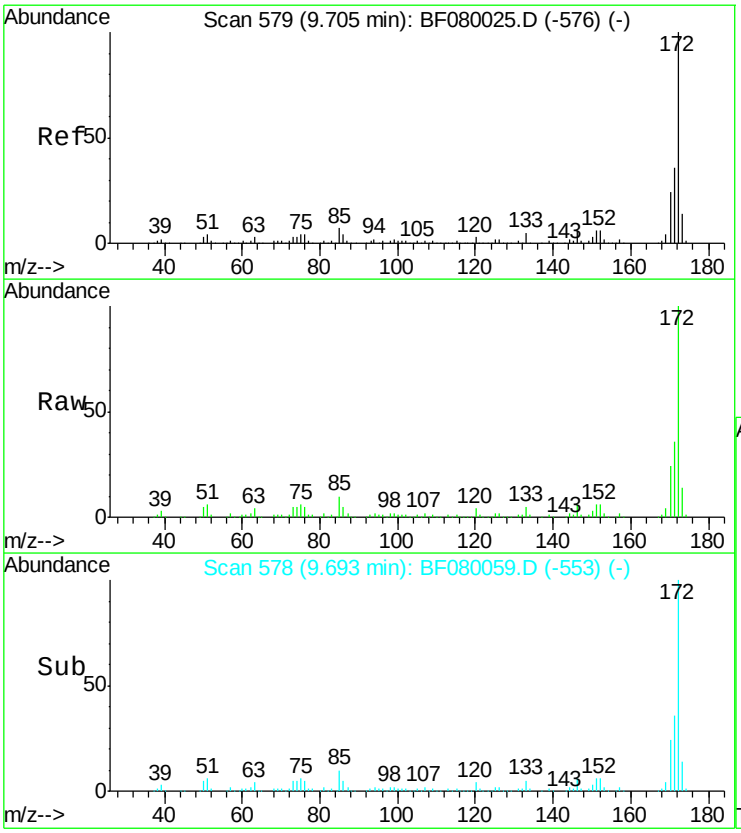
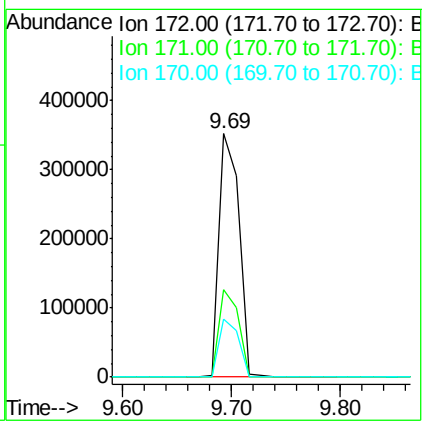
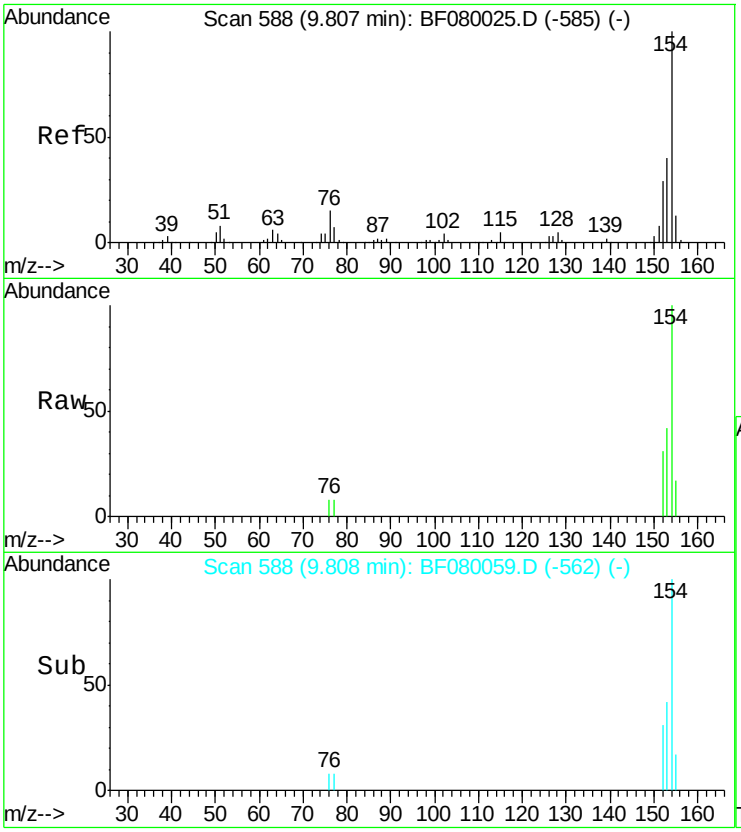


#44
2-Fluorobiphenyl
Concen: 74.71 ng
RT: 9.69 min Scan# 578
Delta R.T. -0.01 min
Lab File: BF080059.D
Acq: 19 Jun 2015 16:01

Tgt Ion:172 Resp: 448665

Ion	Ratio	Lower	Upper
172	100		
171	35.8	26.1	39.1
170	23.9	17.4	26.2

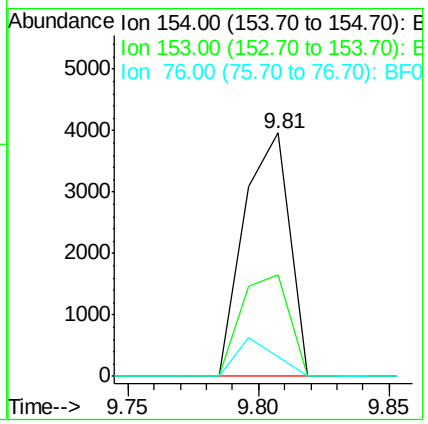




#45
1,1'-Biphenyl
Concen: 0.69 ng
RT: 9.81 min Scan# 588
Delta R.T. 0.00 min
Lab File: BF080059.D
Acq: 19 Jun 2015 16:01

Tgt Ion:154 Resp: 4835

Ion	Ratio	Lower	Upper
154	100		
153	41.7	17.1	57.1
76	8.2	0.0	31.6



Instrument :
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ClientSampleId :
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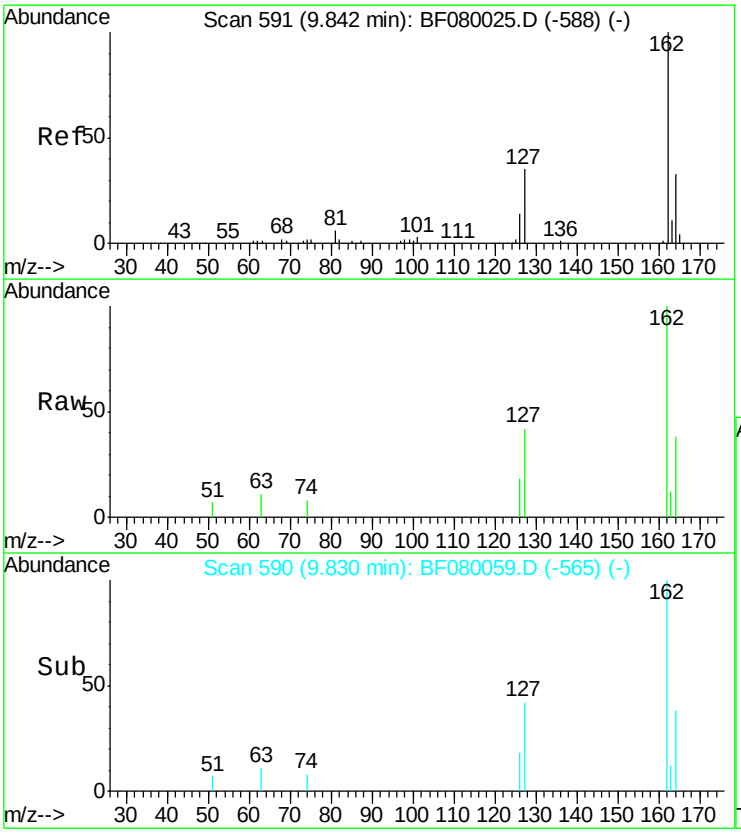
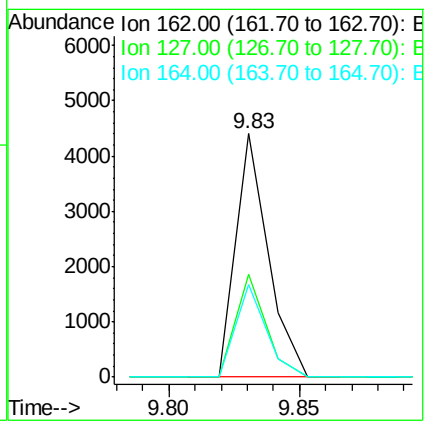
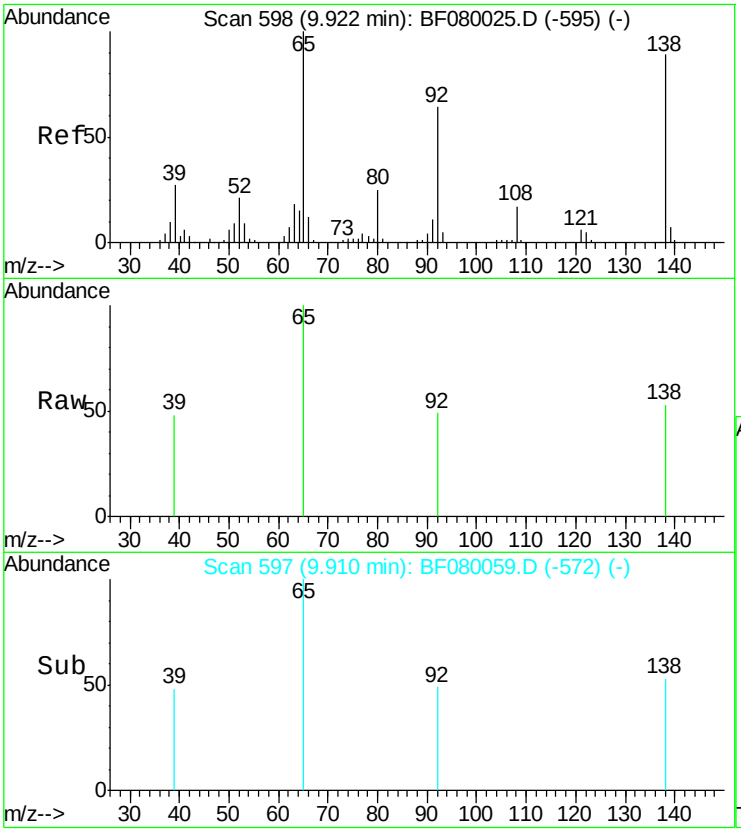


#46
2-Chloronaphthalene
Concen: 0.67 ng
RT: 9.83 min Scan# 590
Delta R.T. -0.01 min
Lab File: BF080059.D
Acq: 19 Jun 2015 16:01

Tgt Ion:162 Resp: 3816

Ion	Ratio	Lower	Upper
162	100		
127	42.3	27.6	41.4#
164	38.1	25.4	38.2

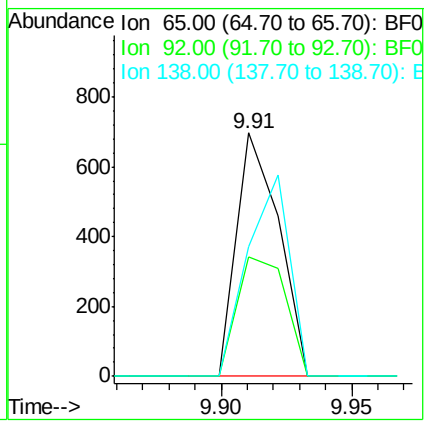




#47
2-Nitroaniline
Concen: 0.51 ng
RT: 9.91 min Scan# 597
Delta R.T. -0.01 min
Lab File: BF080059.D
Acq: 19 Jun 2015 16:01

Tgt Ion: 65 Resp: 792

Ion	Ratio	Lower	Upper
65	100		
92	49.2	55.4	83.0#
138	53.4	115.5	173.3#



Instrument :
BNA_F
ClientSampleId :
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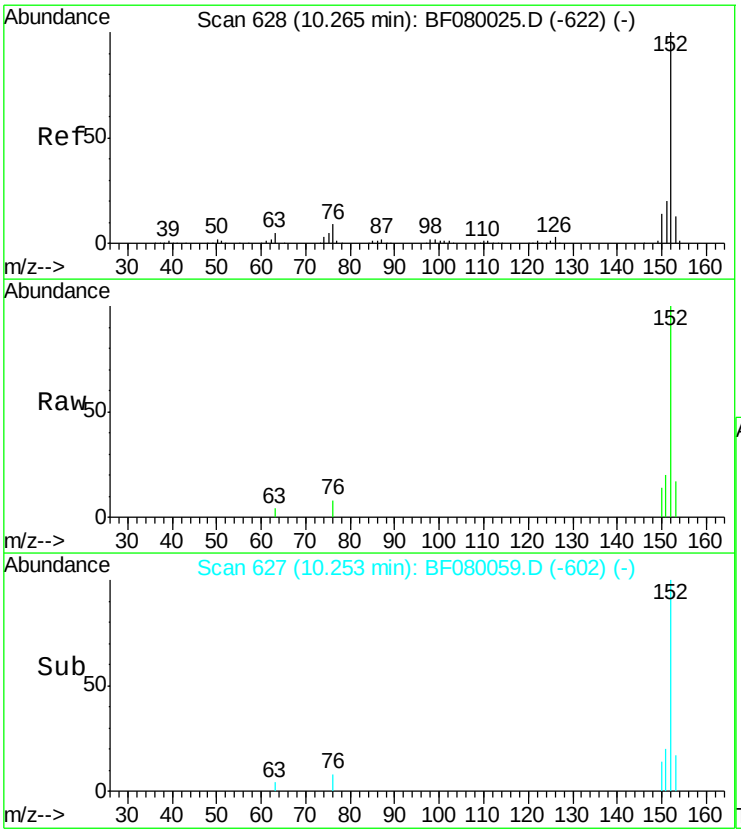
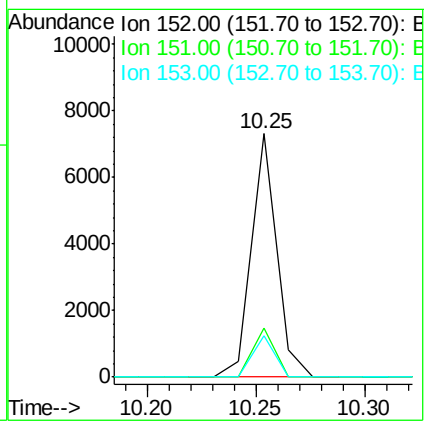
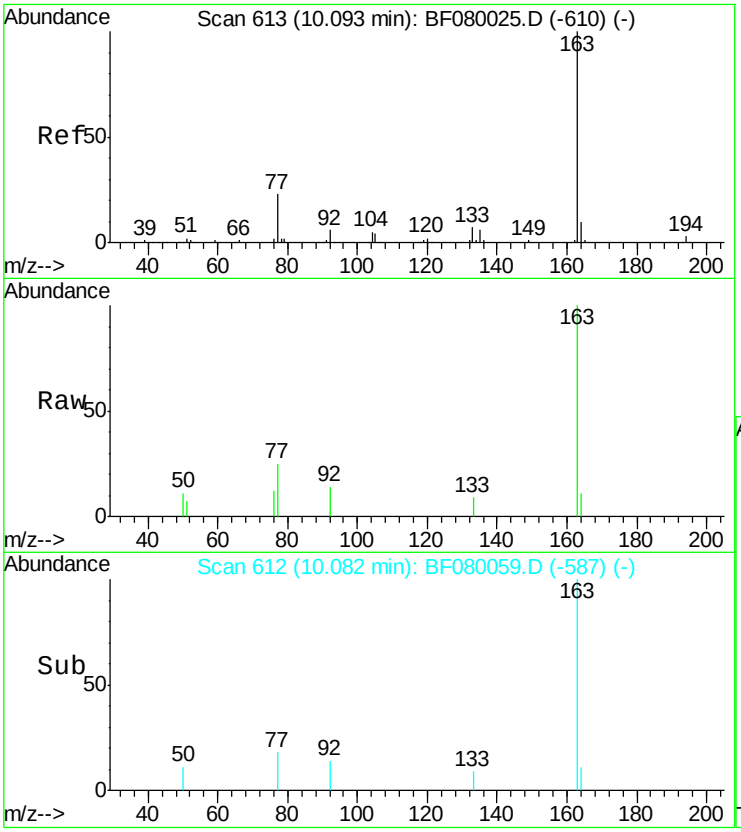


#48
Acenaphthylene
Concen: 0.63 ng
RT: 10.25 min Scan# 627
Delta R.T. -0.01 min
Lab File: BF080059.D
Acq: 19 Jun 2015 16:01

Tgt Ion:152 Resp: 5910

Ion	Ratio	Lower	Upper
152	100		
151	20.3	14.6	22.0
153	17.0	10.3	15.5#

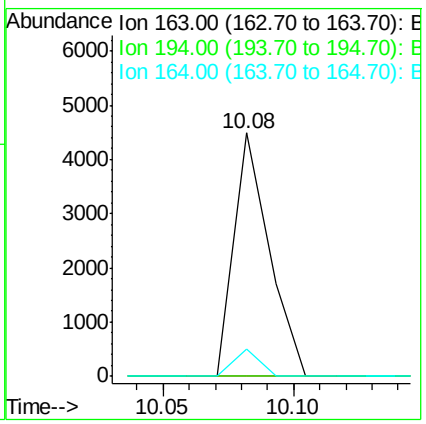




#49
Dimethylphthalate
Concen: 0.66 ng
RT: 10.08 min Scan# 612
Delta R.T. -0.01 min
Lab File: BF080059.D
Acq: 19 Jun 2015 16:01

Tgt Ion:163 Resp: 4249

Ion	Ratio	Lower	Upper
163	100		
194	0.0	4.4	6.6#
164	11.3	8.3	12.5



Instrument :
BNA_F
ClientSampleId :
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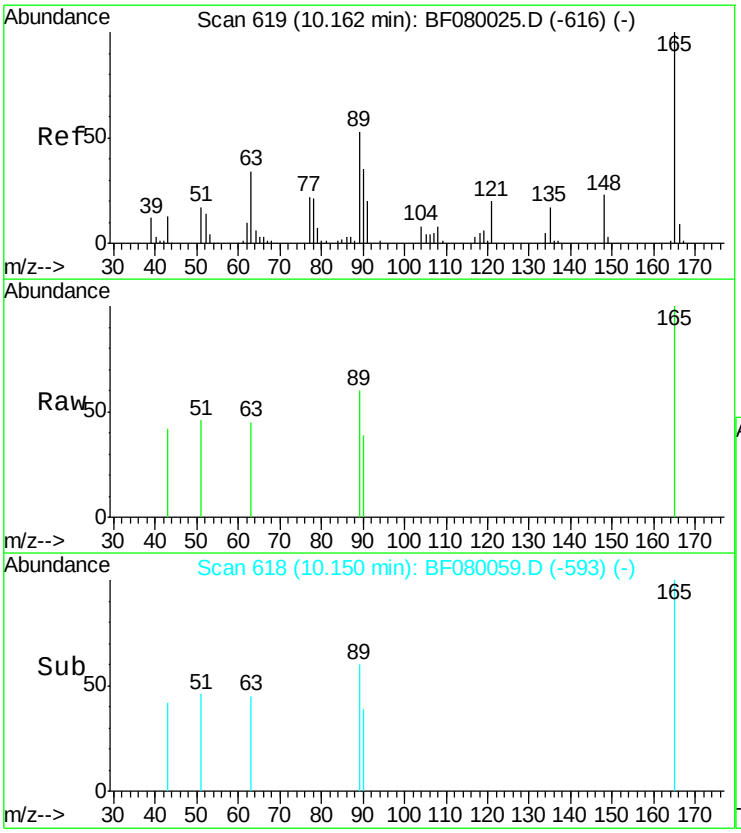
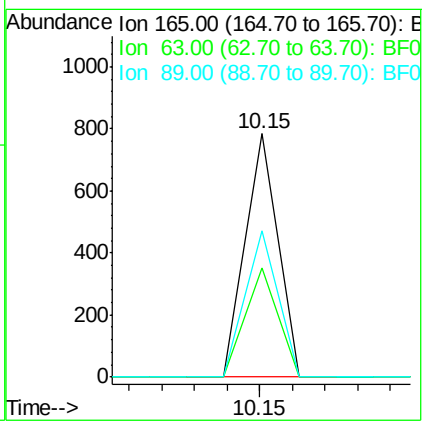
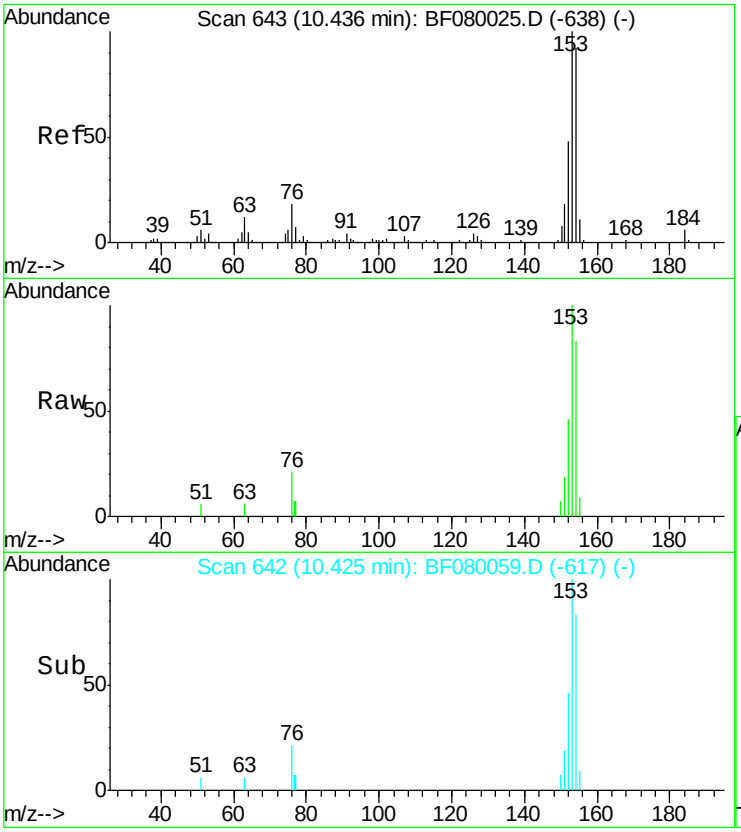


#50
2,6-Dinitrotoluene
Concen: 0.42 ng
RT: 10.15 min Scan# 618
Delta R.T. -0.01 min
Lab File: BF080059.D
Acq: 19 Jun 2015 16:01

Tgt Ion:165 Resp: 538

Ion	Ratio	Lower	Upper
165	100		
63	44.7	32.3	48.5
89	60.0	28.6	43.0#

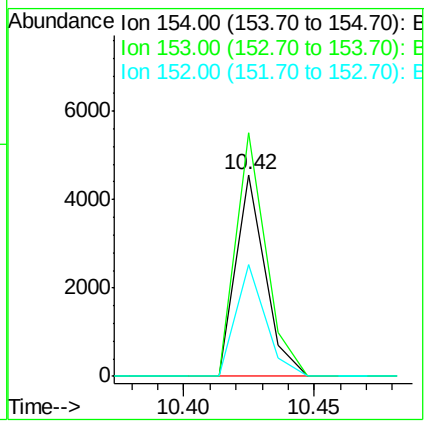




#51
Acenaphthene
Concen: 0.63 ng
RT: 10.42 min Scan# 642
Delta R.T. -0.01 min
Lab File: BF080059.D
Acq: 19 Jun 2015 16:01

Tgt Ion:154 Resp: 3620

Ion	Ratio	Lower	Upper
154	100		
153	120.9	82.1	123.1
152	55.5	37.9	56.9



Instrument :
BNA_F
ClientSampleId :
LOD-WATER2015-01

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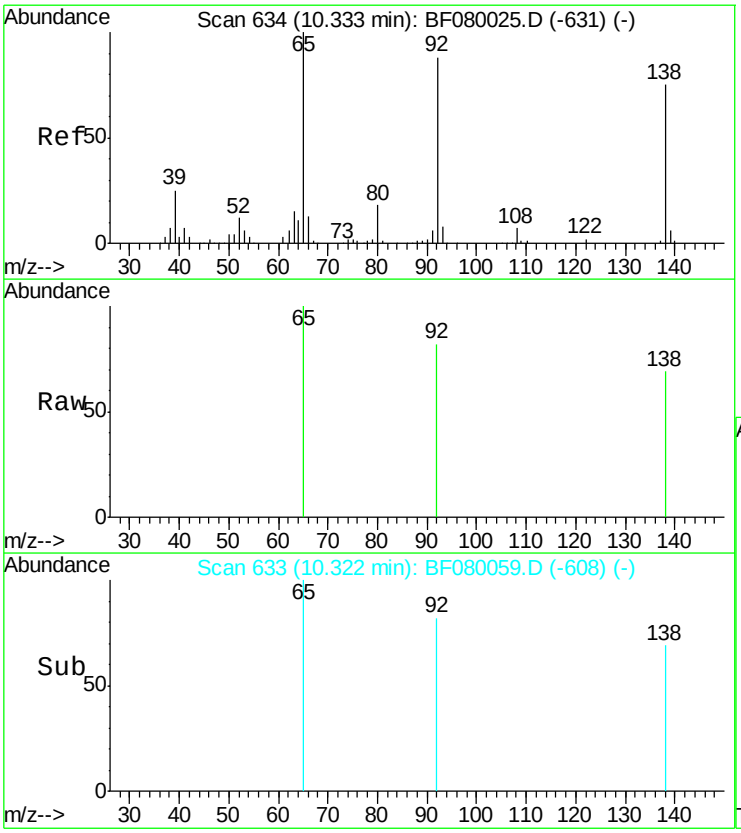
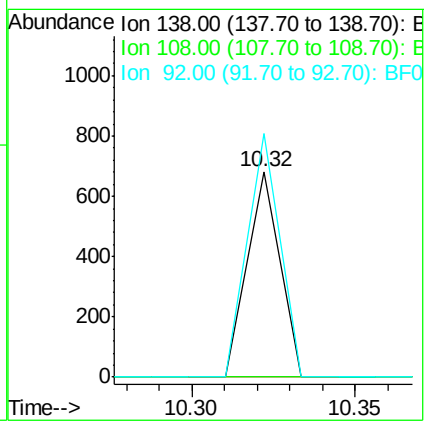
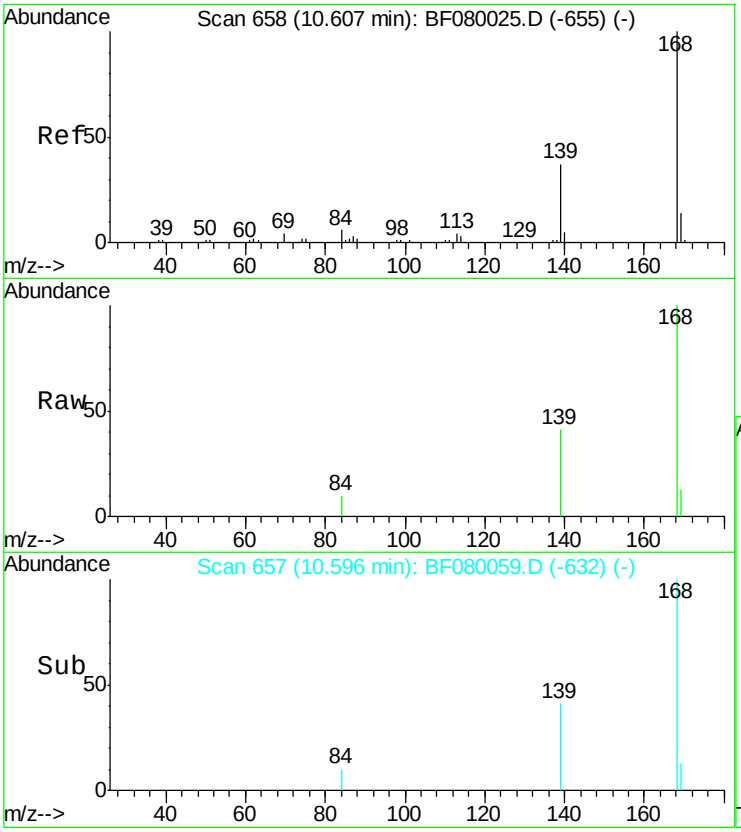


#52
3-Nitroaniline
Concen: 0.31 ng
RT: 10.32 min Scan# 633
Delta R.T. -0.01 min
Lab File: BF080059.D
Acq: 19 Jun 2015 16:01

Tgt Ion:138 Resp: 468

Ion	Ratio	Lower	Upper
138	100		
108	0.0	5.7	8.5#
92	118.5	67.7	101.5#

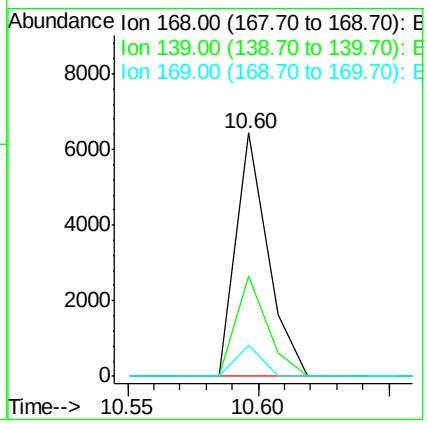




#54
Dibenzofuran
Concen: 0.68 ng
RT: 10.60 min Scan# 657
Delta R.T. -0.01 min
Lab File: BF080059.D
Acq: 19 Jun 2015 16:01

Tgt Ion:168 Resp: 5542

Ion	Ratio	Lower	Upper
168	100		
139	40.9	24.2	36.2#
169	12.8	10.6	15.8



Instrument :
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ClientSampleId :
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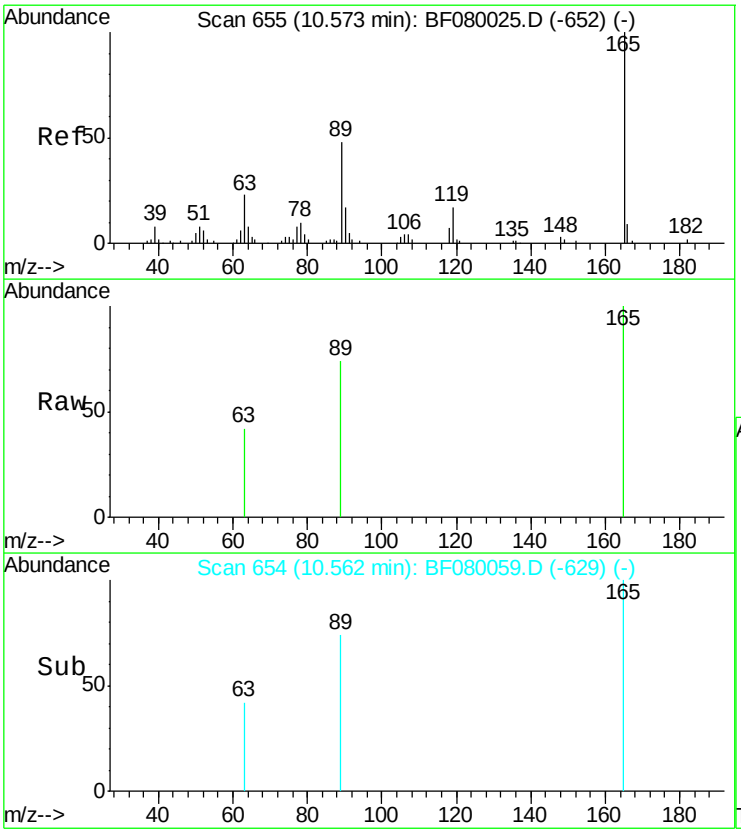
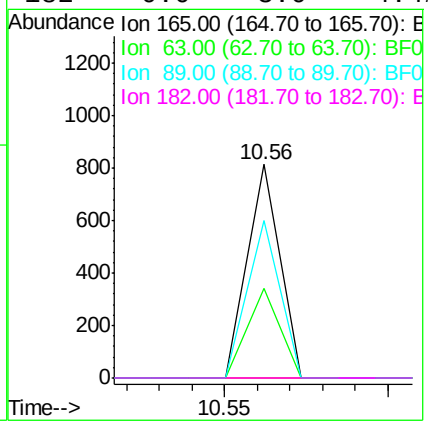
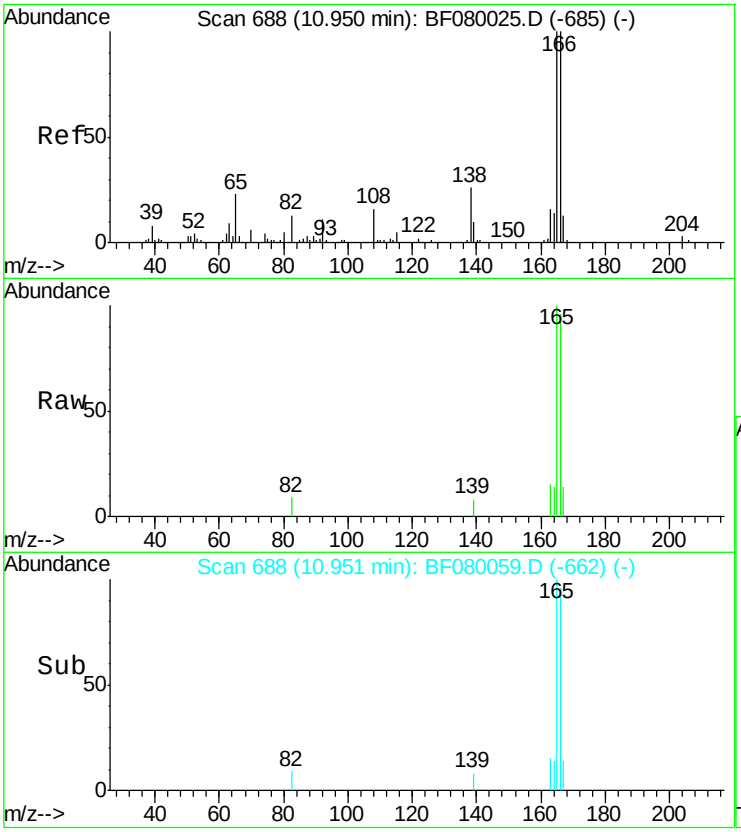


#56
2,4-Dinitrotoluene
Concen: 0.34 ng
RT: 10.56 min Scan# 654
Delta R.T. -0.01 min
Lab File: BF080059.D
Acq: 19 Jun 2015 16:01

Tgt Ion:165 Resp: 558

Ion	Ratio	Lower	Upper
165	100		
63	41.9	29.8	44.6
89	73.6	44.5	66.7#
182	0.0	3.0	4.4#

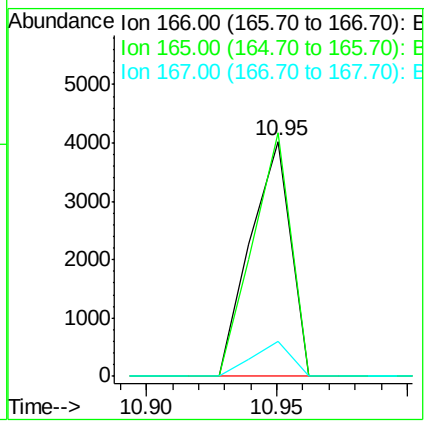




#57
Fluorene
Concen: 0.66 ng
RT: 10.95 min Scan# 688
Delta R.T. 0.00 min
Lab File: BF080059.D
Acq: 19 Jun 2015 16:01

Tgt Ion:166 Resp: 4317

Ion	Ratio	Lower	Upper
166	100		
165	103.7	72.6	109.0
167	15.0	10.6	16.0



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ClientSampleId :
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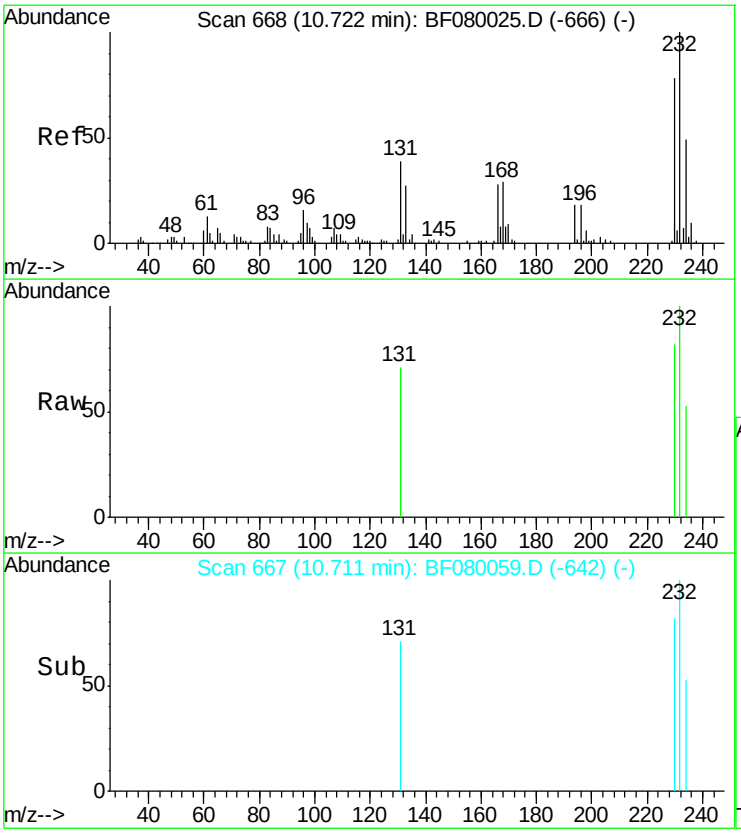
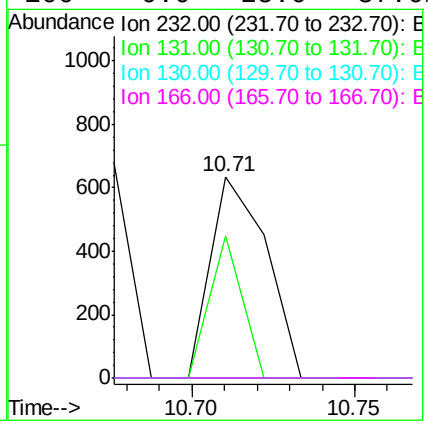
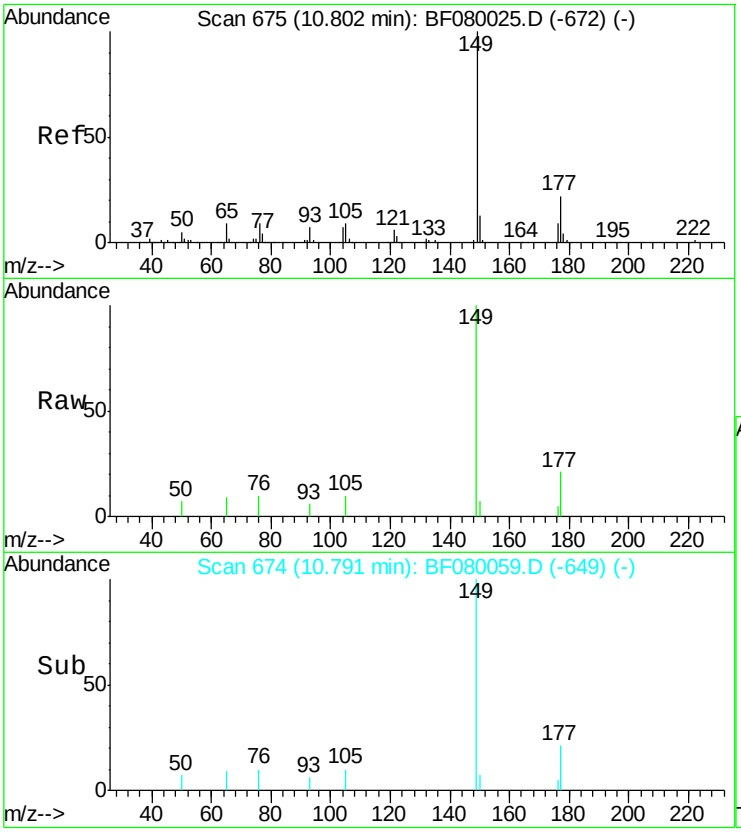


#58
2,3,4,6-Tetrachlorophenol
Concen: 0.45 ng
RT: 10.71 min Scan# 667
Delta R.T. -0.01 min
Lab File: BF080059.D
Acq: 19 Jun 2015 16:01

Tgt Ion:232 Resp: 745

Ion	Ratio	Lower	Upper
232	100		
131	41.3	38.5	57.7
130	0.0	1.8	2.6#
166	0.0	25.0	37.6#





#59
Diethylphthalate
Concen: 0.72 ng
RT: 10.79 min Scan# 674
Delta R.T. -0.01 min
Lab File: BF080059.D
Acq: 19 Jun 2015 16:01

Tgt Ion:149 Resp: 4671

Ion	Ratio	Lower	Upper
149	100		
177	21.3	17.5	26.3
150	6.8	9.4	14.2#

Instrument :
BNA_F
ClientSampleId :
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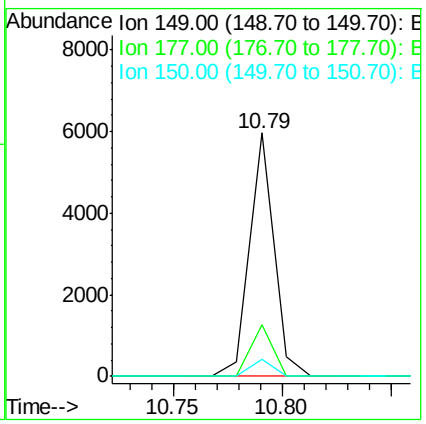
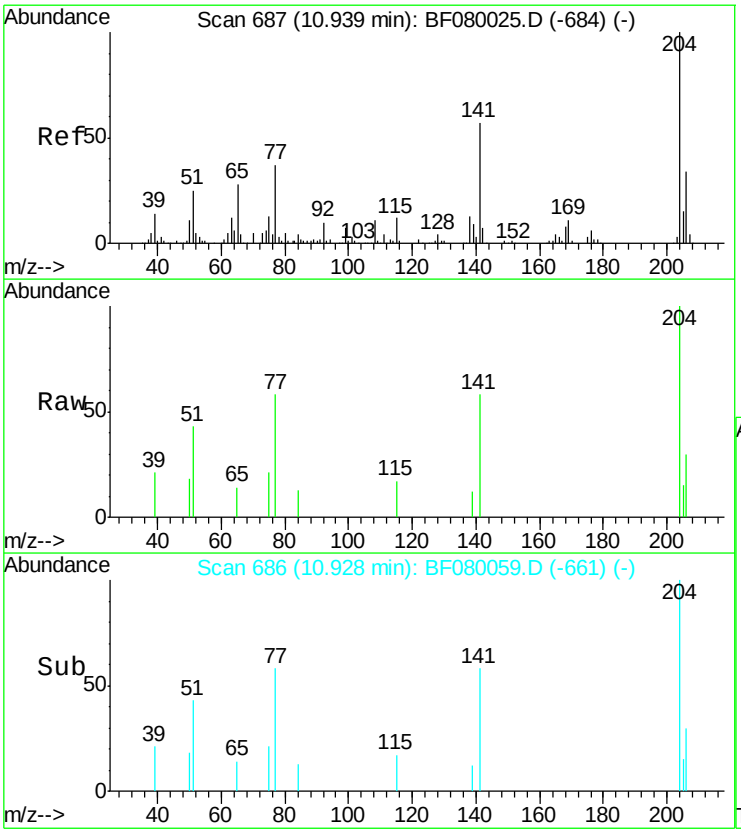
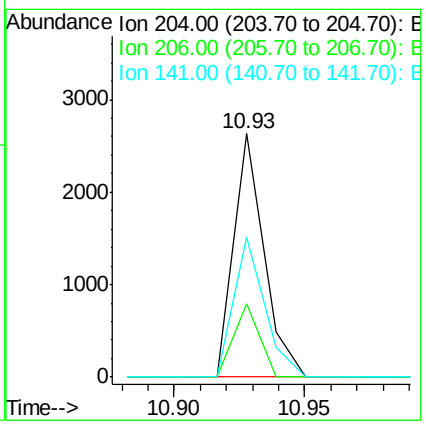


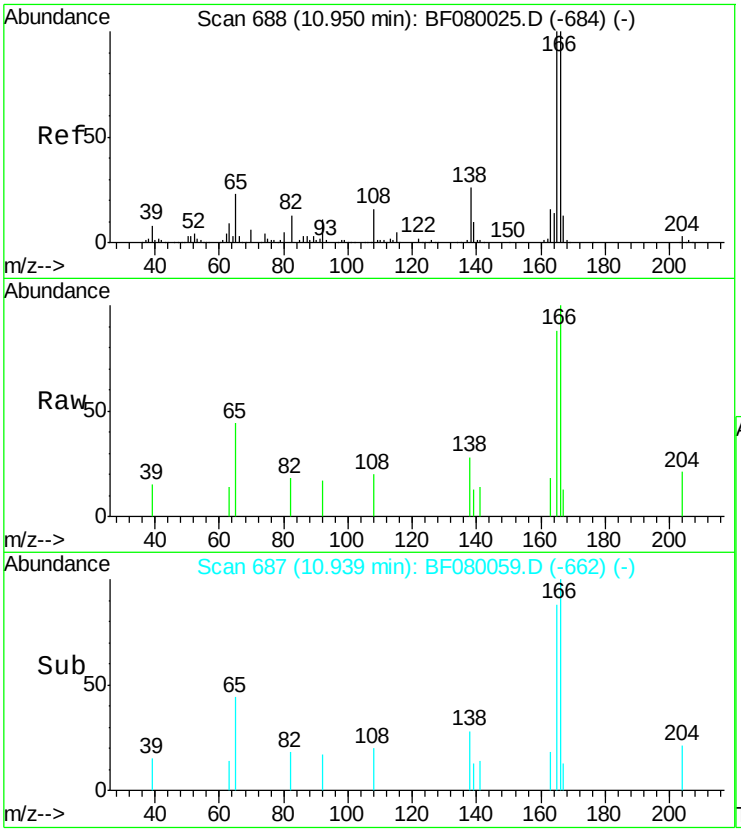


#60
4-Chlorophenyl-phenylether
Concen: 0.68 ng
RT: 10.93 min Scan# 686
Delta R.T. -0.01 min
Lab File: BF080059.D
Acq: 19 Jun 2015 16:01

Tgt Ion:204 Resp: 2136

Ion	Ratio	Lower	Upper
204	100		
206	30.4	24.8	37.2
141	57.6	42.2	63.4

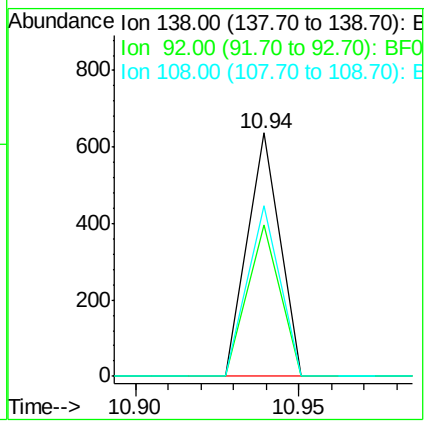




#61
4-Nitroaniline
Concen: 0.28 ng
RT: 10.94 min Scan# 687
Delta R.T. -0.01 min
Lab File: BF080059.D
Acq: 19 Jun 2015 16:01

Tgt Ion:138 Resp: 437

Ion	Ratio	Lower	Upper
138	100		
92	62.0	12.6	52.6#
108	69.9	12.4	52.4#



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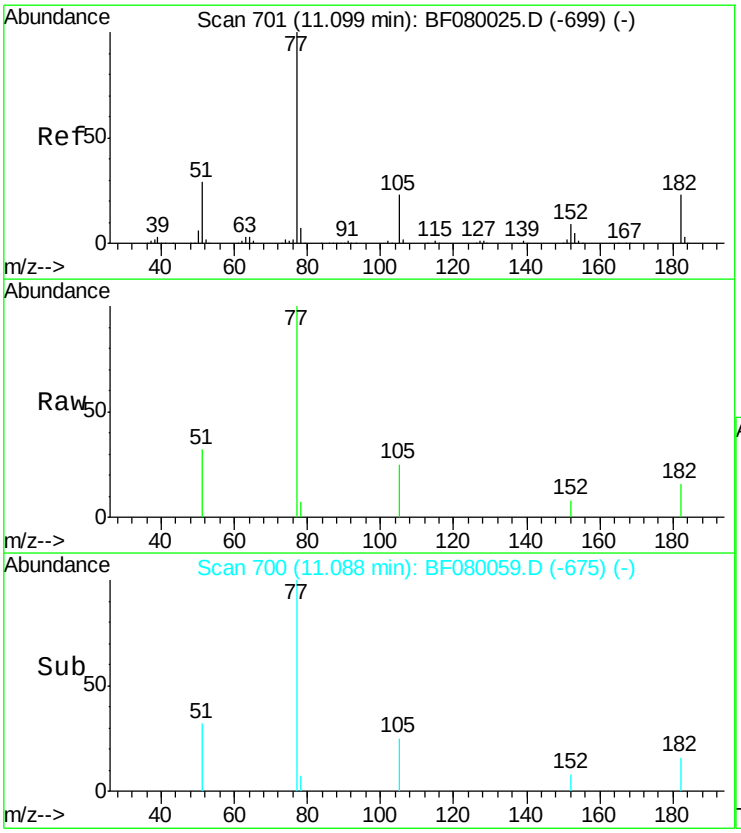
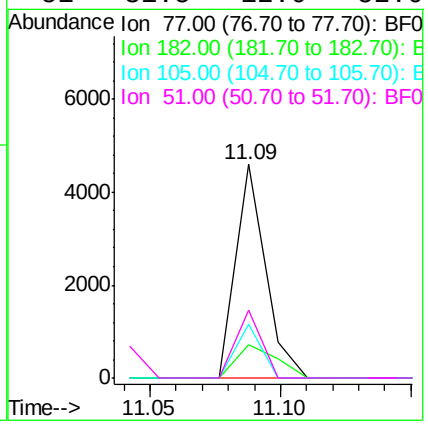
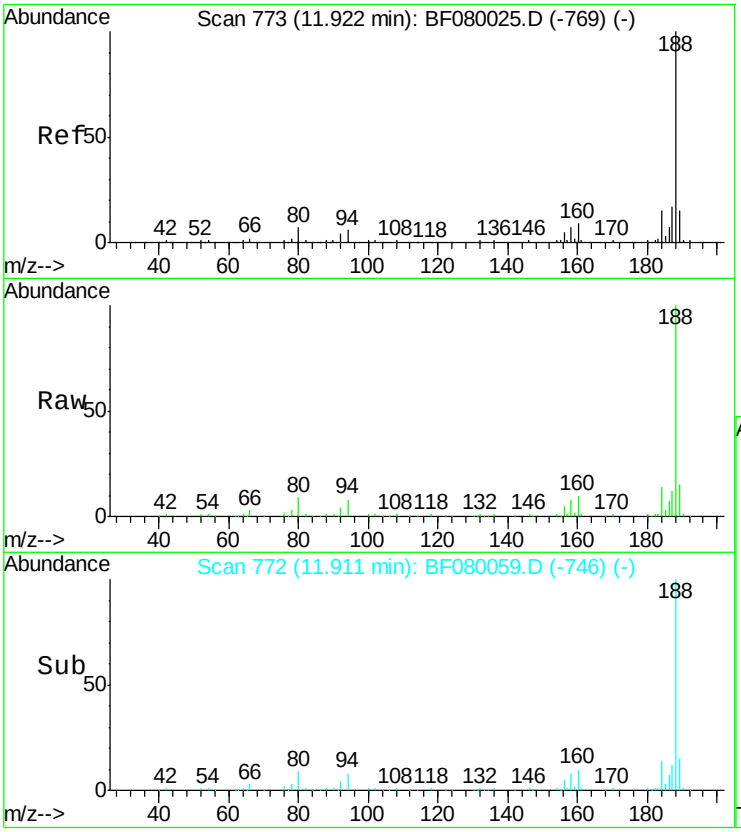


#62
Azobenzene
Concen: 0.56 ng
RT: 11.09 min Scan# 700
Delta R.T. -0.01 min
Lab File: BF080059.D
Acq: 19 Jun 2015 16:01

Tgt Ion: 77 Resp: 3694

Ion	Ratio	Lower	Upper
77	100		
182	15.9	15.1	55.1
105	25.0	3.4	43.4
51	31.5	12.0	52.0

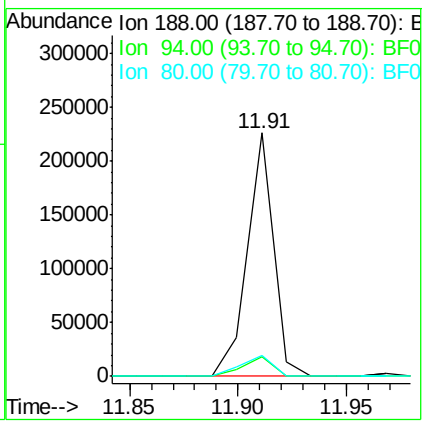




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.91 min Scan# 772
Delta R.T. 0.00 min
Lab File: BF080059.D
Acq: 19 Jun 2015 16:01

Tgt Ion:188 Resp: 190039

Ion	Ratio	Lower	Upper
188	100		
94	8.1	11.1	16.7#
80	8.5	11.0	16.4#



Instrument :
BNA_F
ClientSampleId :
LOD-WATER2015-01

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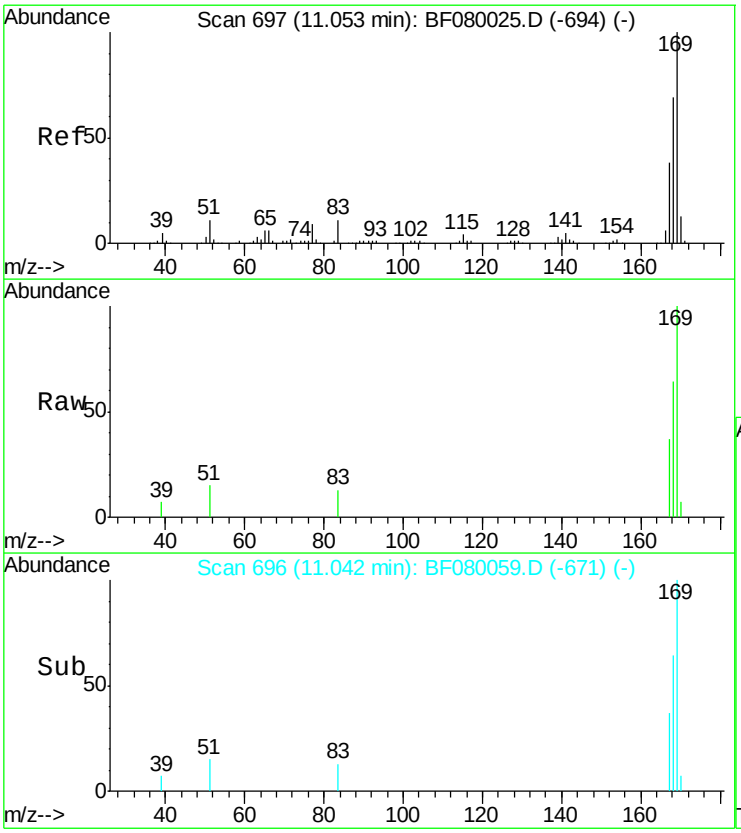
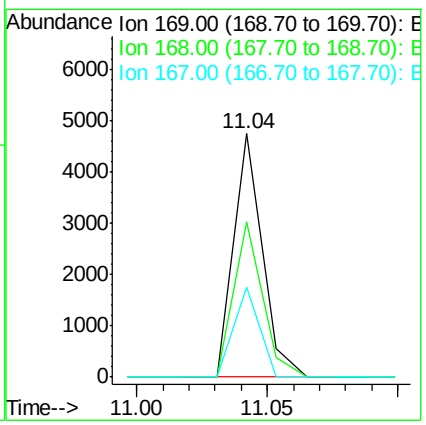
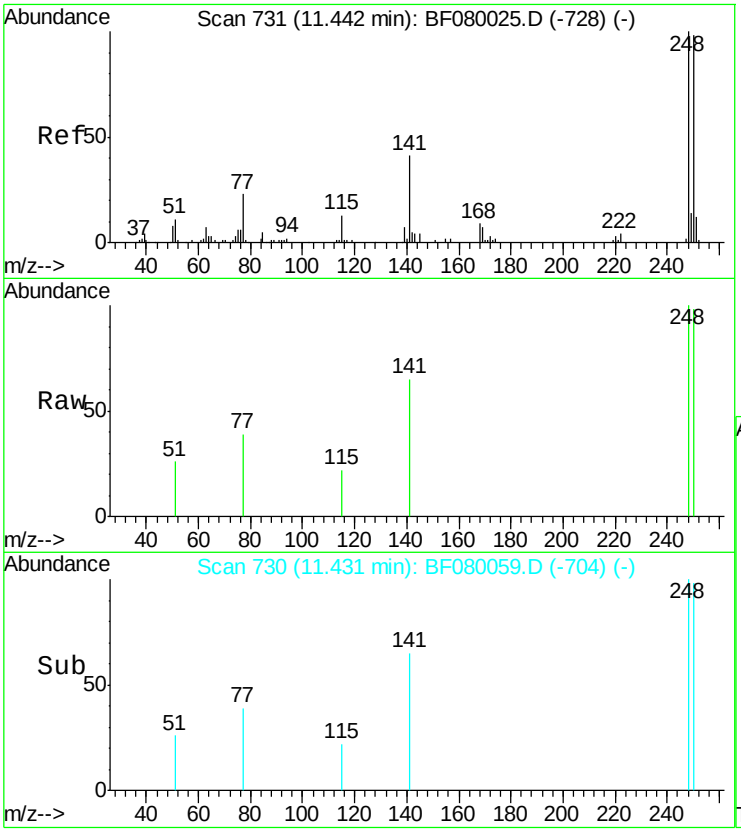


#65
n-Nitrosodiphenylamine
Concen: 0.59 ng
RT: 11.04 min Scan# 696
Delta R.T. -0.01 min
Lab File: BF080059.D
Acq: 19 Jun 2015 16:01

Tgt Ion:169 Resp: 3645

Ion	Ratio	Lower	Upper
169	100		
168	63.8	48.9	73.3
167	37.2	26.2	39.4

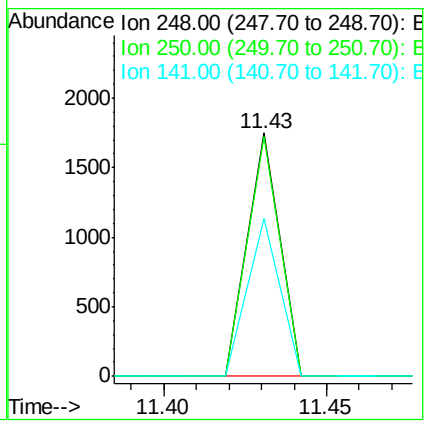




#66
4-Bromophenyl-phenylether
Concen: 0.59 ng
RT: 11.43 min Scan# 730
Delta R.T. 0.00 min
Lab File: BF080059.D
Acq: 19 Jun 2015 16:01

Tgt Ion:248 Resp: 1201

Ion	Ratio	Lower	Upper
248	100		
250	98.5	78.5	117.7
141	65.0	59.0	88.6



Instrument :
BNA_F
ClientSampleId :
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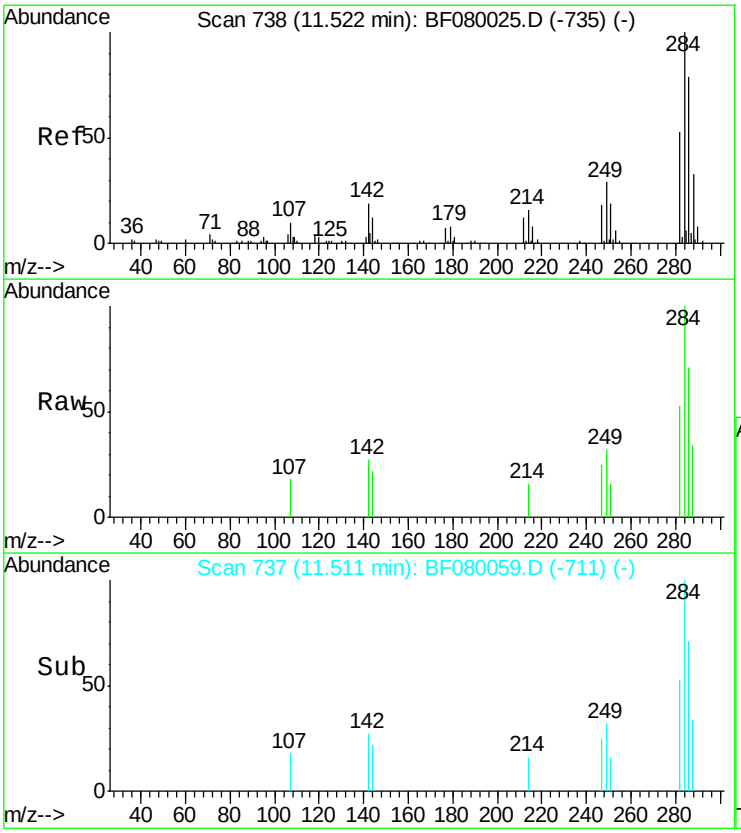
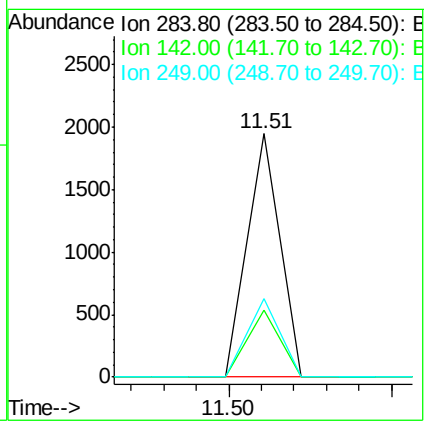
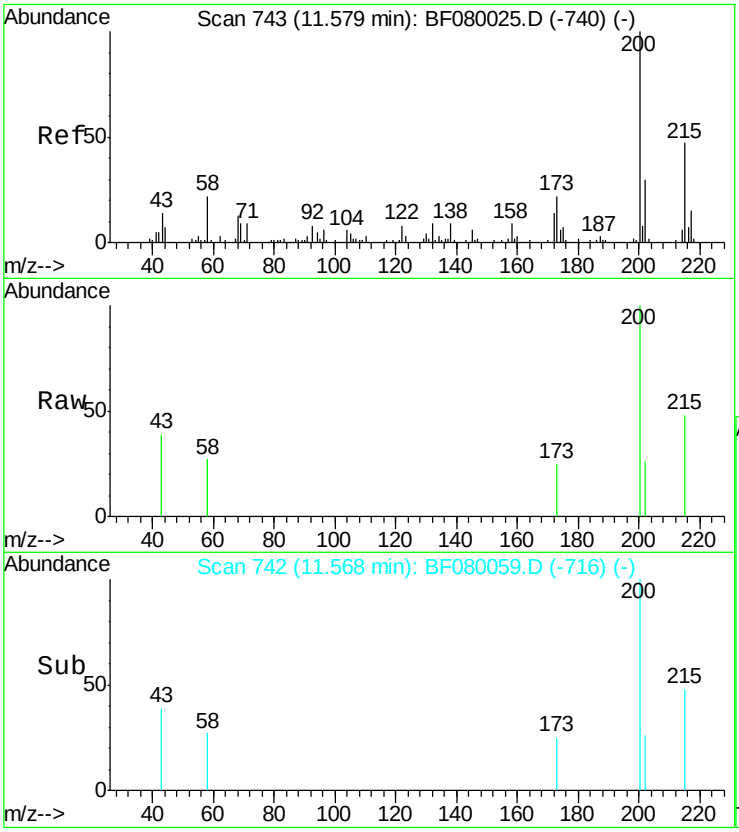


#67
Hexachlorobenzene
Concen: 0.59 ng
RT: 11.51 min Scan# 737
Delta R.T. 0.00 min
Lab File: BF080059.D
Acq: 19 Jun 2015 16:01

Tgt Ion:284 Resp: 1335

Ion	Ratio	Lower	Upper
284	100		
142	27.5	29.5	44.3#
249	32.2	19.5	29.3#

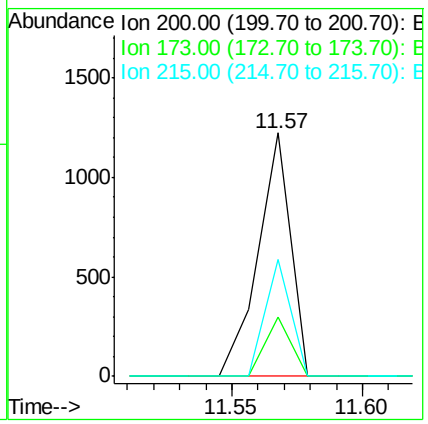




#68
Atrazine
Concen: 0.55 ng
RT: 11.57 min Scan# 742
Delta R.T. 0.00 min
Lab File: BF080059.D
Acq: 19 Jun 2015 16:01

Tgt Ion:200 Resp: 1071

Ion	Ratio	Lower	Upper
200	100		
173	24.6	13.2	53.2
215	48.1	41.8	81.8



Instrument :
BNA_F
ClientSampleId :
LOD-WATER2015-01

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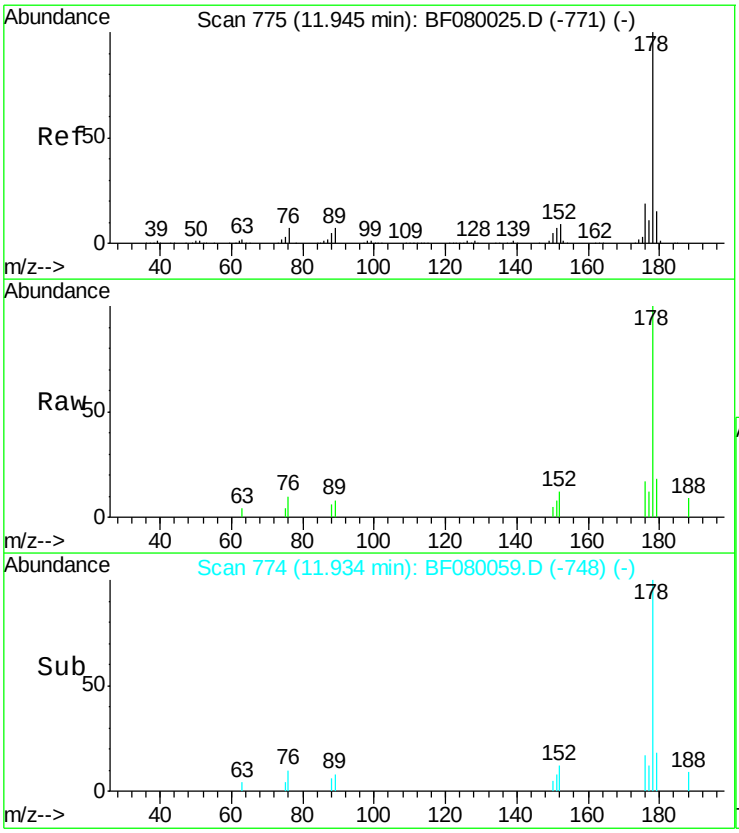
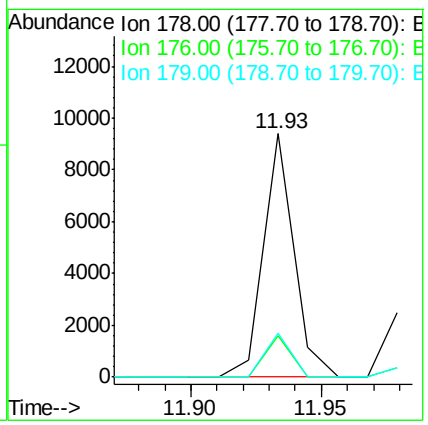
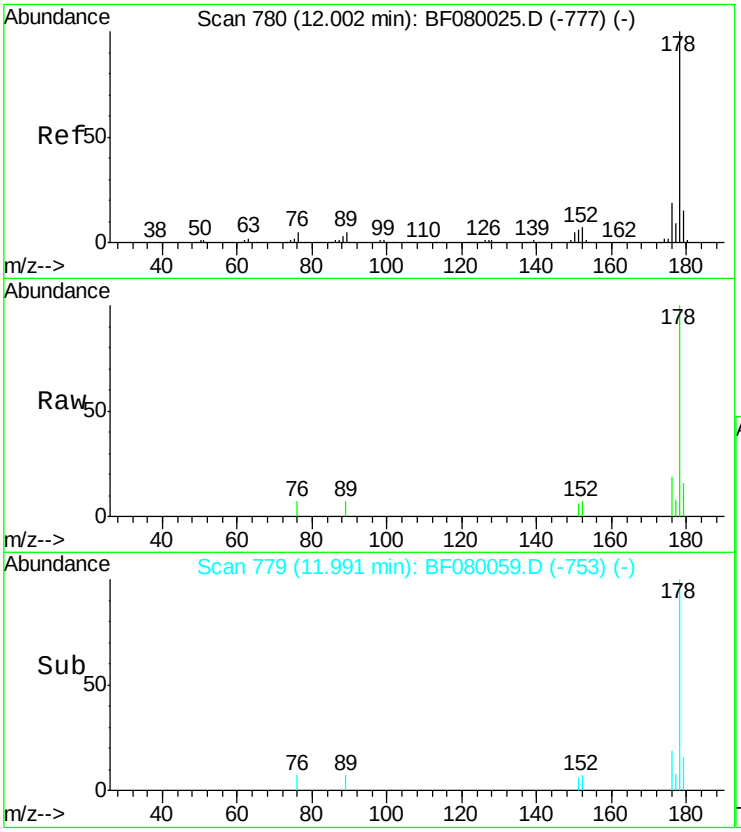


#70
Phenanthrene
Concen: 0.67 ng
RT: 11.93 min Scan# 774
Delta R.T. 0.00 min
Lab File: BF080059.D
Acq: 19 Jun 2015 16:01

Tgt Ion:178 Resp: 7697

Ion	Ratio	Lower	Upper
178	100		
176	16.9	13.8	20.8
179	17.9	12.2	18.2

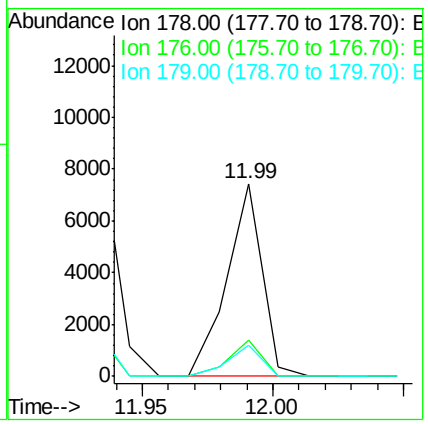




#71
Anthracene
Concen: 0.64 ng
RT: 11.99 min Scan# 779
Delta R.T. 0.00 min
Lab File: BF080059.D
Acq: 19 Jun 2015 16:01

Tgt Ion:178 Resp: 7060

Ion	Ratio	Lower	Upper
178	100		
176	18.8	14.1	21.1
179	16.1	12.2	18.2



Instrument :
BNA_F
ClientSampleId :
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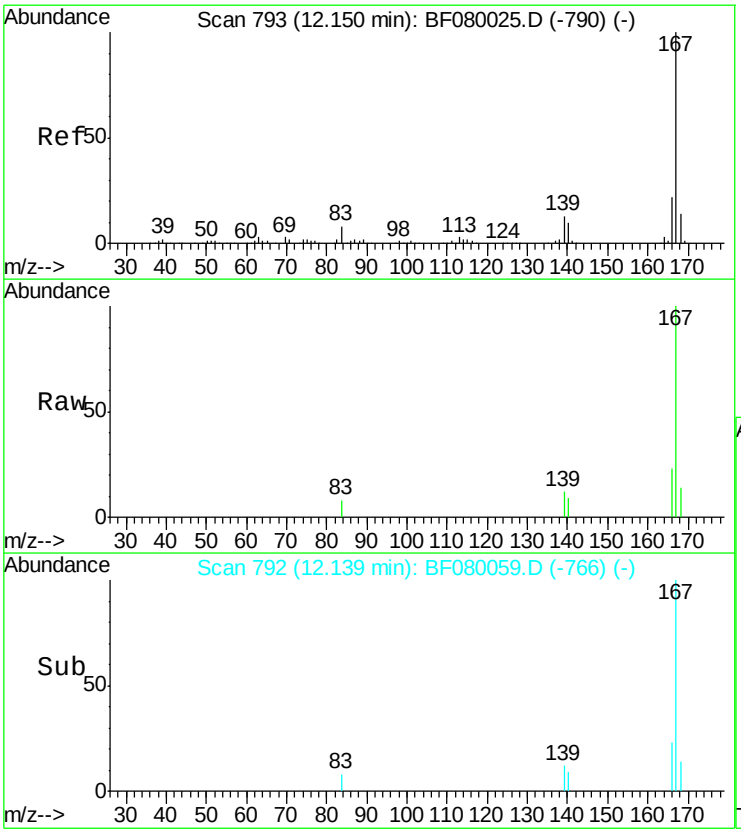
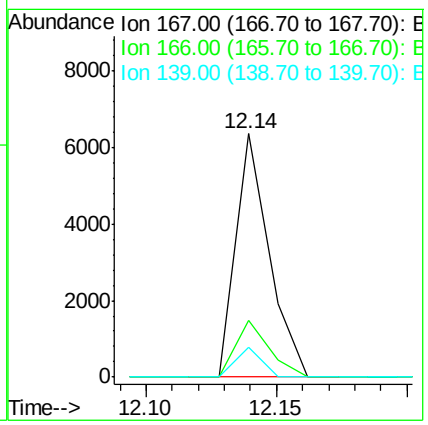
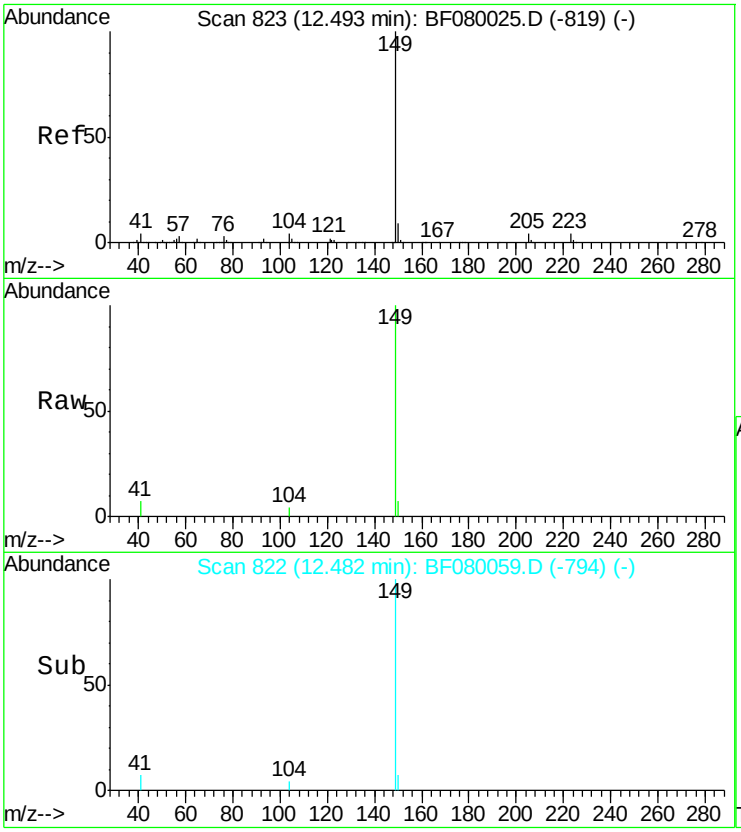


#72
Carbazole
Concen: 0.54 ng
RT: 12.14 min Scan# 792
Delta R.T. 0.00 min
Lab File: BF080059.D
Acq: 19 Jun 2015 16:01

Tgt Ion:167 Resp: 5685

Ion	Ratio	Lower	Upper
167	100		
166	23.2	15.7	23.5
139	12.2	9.5	14.3

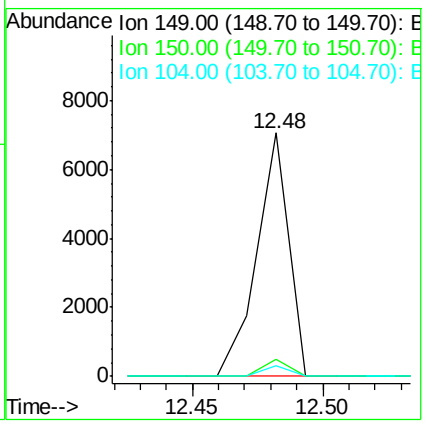




#73
Di-n-butylphthalate
Concen: 0.50 ng
RT: 12.48 min Scan# 822
Delta R.T. 0.02 min
Lab File: BF080059.D
Acq: 19 Jun 2015 16:01

Tgt Ion:149 Resp: 6059

Ion	Ratio	Lower	Upper
149	100		
150	7.2	7.4	11.2#
104	4.5	2.4	3.6#



Instrument :
BNA_F
ClientSampleId :
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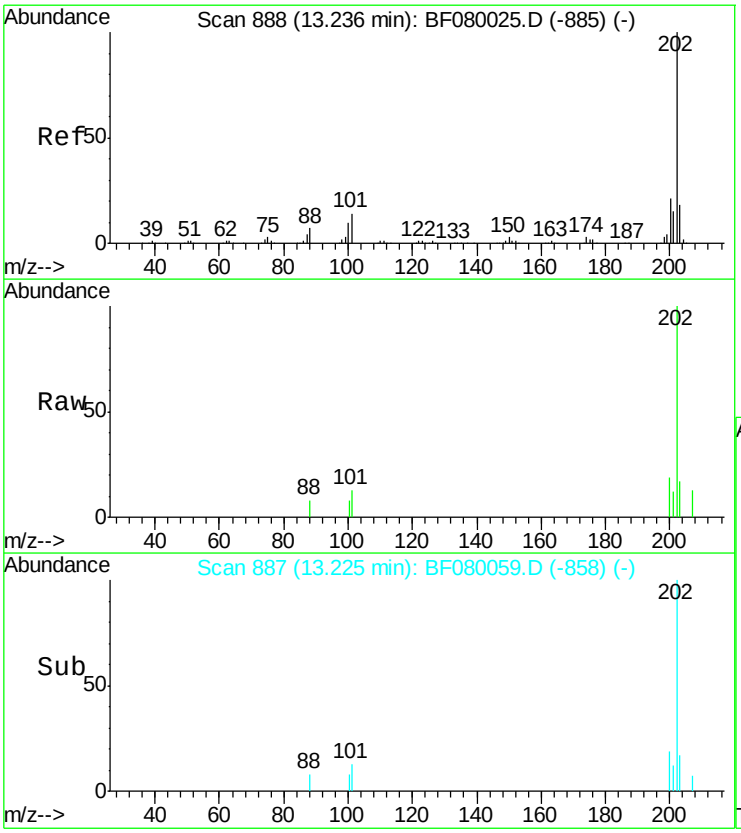
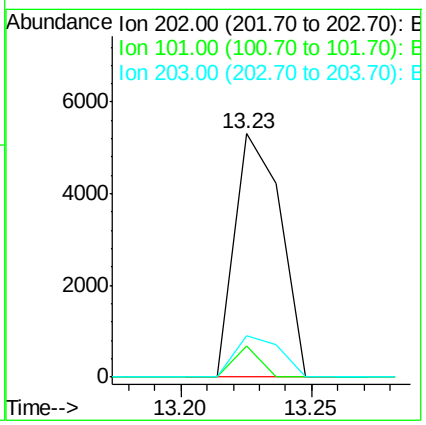
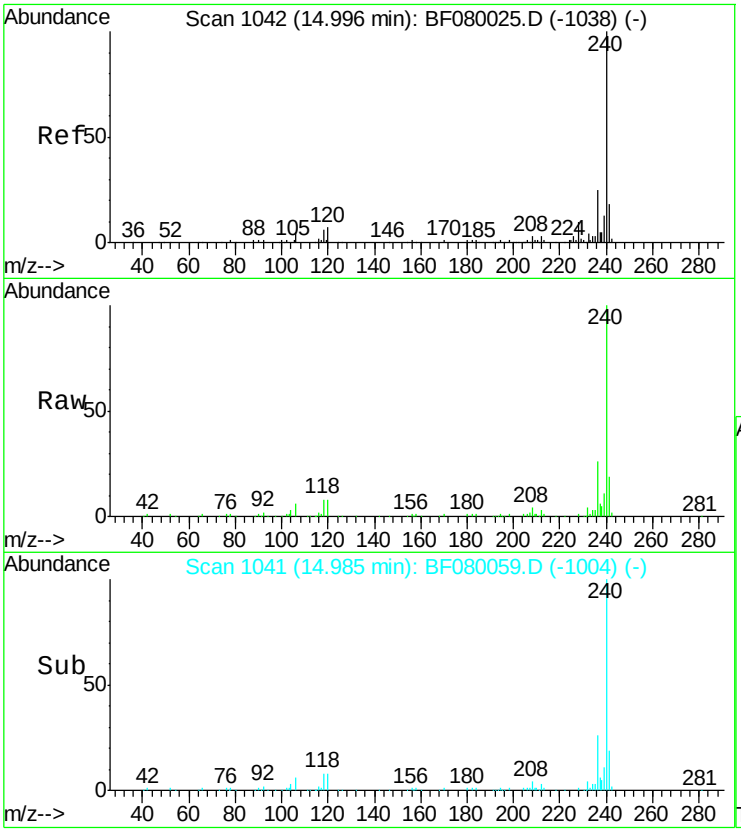


#74
Fluoranthene
Concen: 0.53 ng
RT: 13.23 min Scan# 887
Delta R.T. 0.03 min
Lab File: BF080059.D
Acq: 19 Jun 2015 16:01

Tgt Ion:202 Resp: 6543

Ion	Ratio	Lower	Upper
202	100		
101	12.9	0.0	38.3
203	17.2	0.0	37.3





#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.99 min Scan# 1041
Delta R.T. 0.13 min
Lab File: BF080059.D
Acq: 19 Jun 2015 16:01

Tgt Ion:240 Resp: 198027

Ion	Ratio	Lower	Upper
240	100		
120	8.2	16.2	24.2#
236	25.6	18.4	27.6

Instrument :
BNA_F
ClientSampleId :
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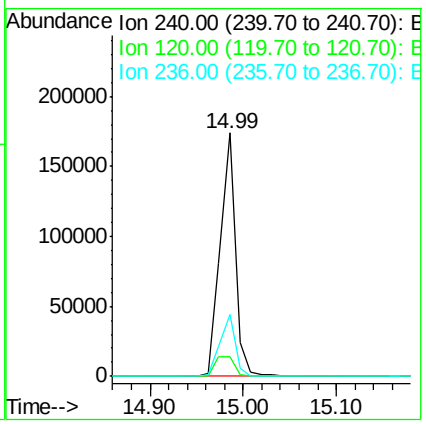
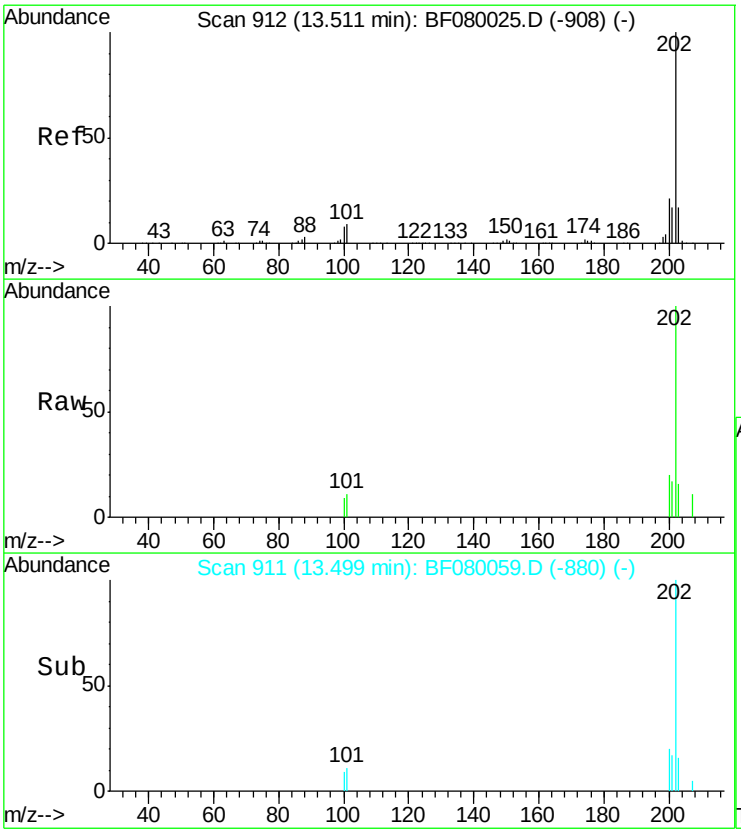
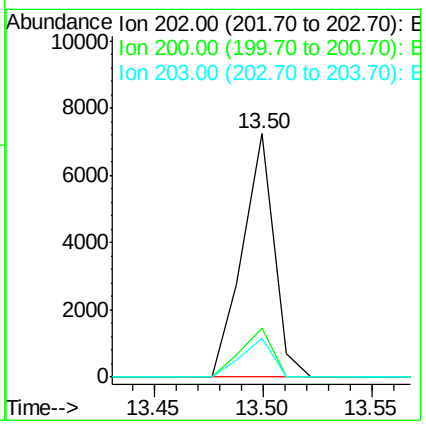


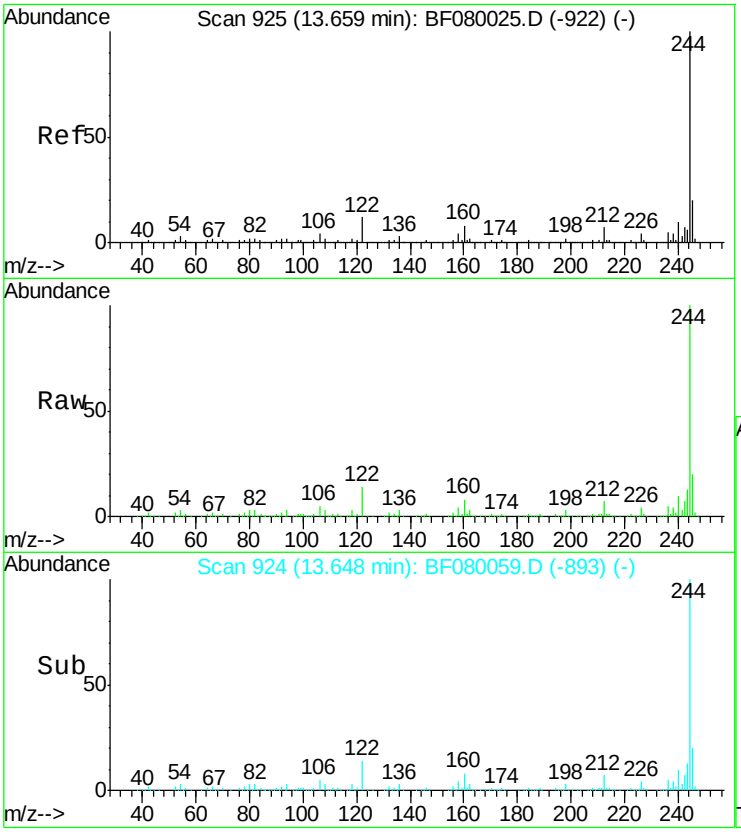


#77
Pyrene
Concen: 0.60 ng
RT: 13.50 min Scan# 911
Delta R.T. 0.06 min
Lab File: BF080059.D
Acq: 19 Jun 2015 16:01

Tgt Ion:202 Resp: 7333

Ion	Ratio	Lower	Upper
202	100		
200	20.4	15.0	22.4
203	15.8	14.1	21.1

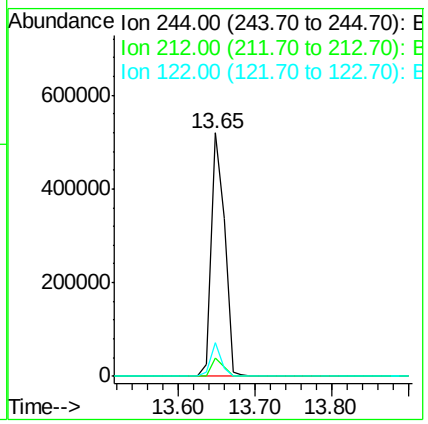




#78
Terphenyl-d14
Concen: 72.66 ng
RT: 13.65 min Scan# 924
Delta R.T. 0.06 min
Lab File: BF080059.D
Acq: 19 Jun 2015 16:01

Tgt Ion:244 Resp: 616112

Ion	Ratio	Lower	Upper
244	100		
212	7.3	4.3	6.5#
122	13.7	17.4	26.2#



Instrument :
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ClientSampleId :
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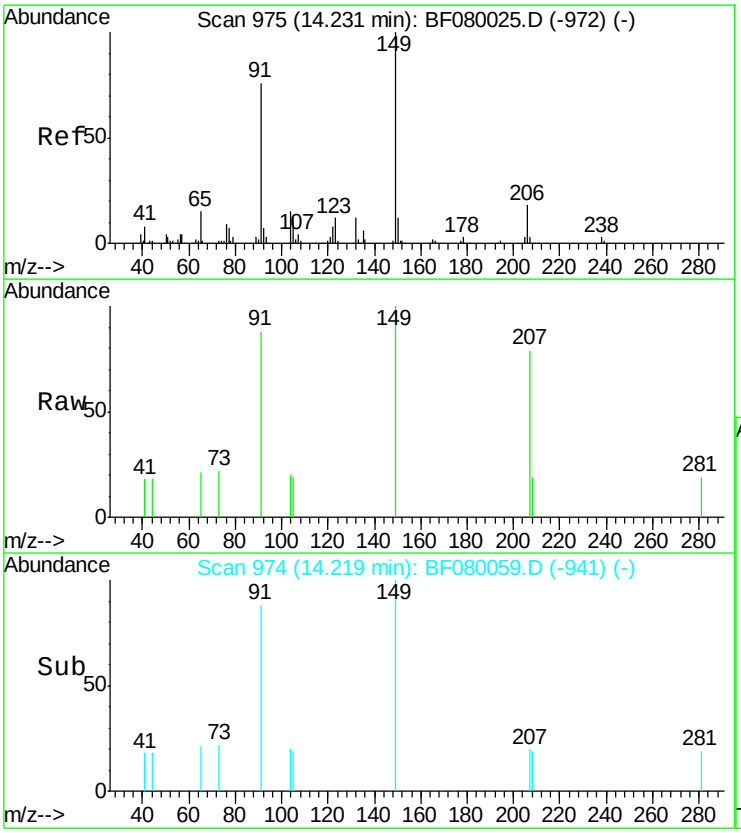
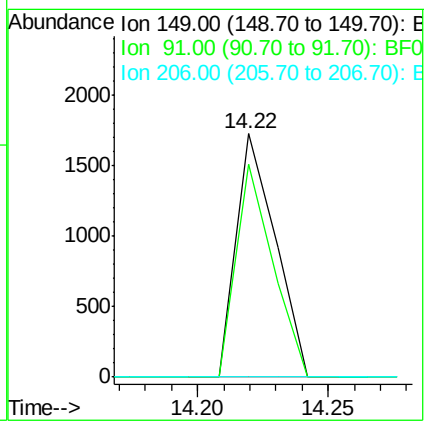
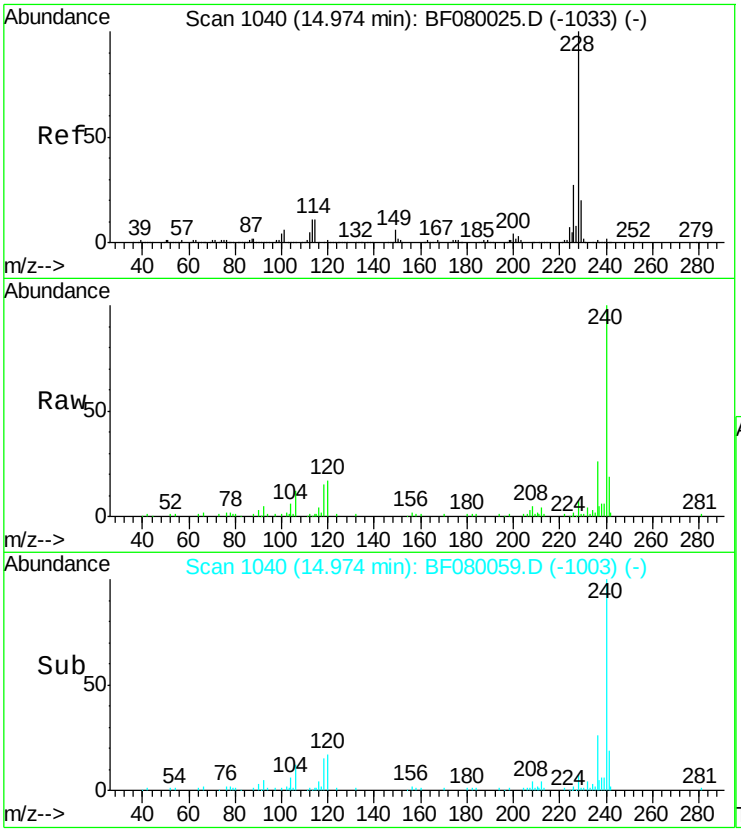


#79
Butylbenzylphthalate
Concen: 0.37 ng
RT: 14.22 min Scan# 974
Delta R.T. 0.08 min
Lab File: BF080059.D
Acq: 19 Jun 2015 16:01

Tgt Ion:149 Resp: 1817

Ion	Ratio	Lower	Upper
149	100		
91	87.7	48.6	72.8#
206	0.0	14.9	22.3#

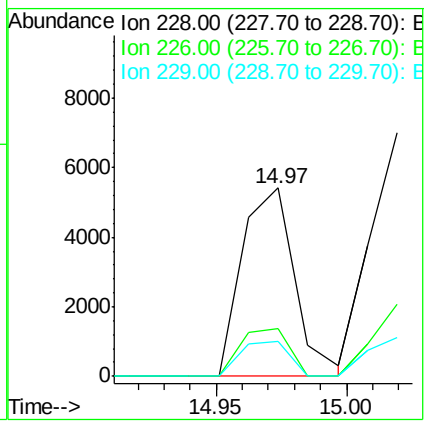




#80
Benzo(a)anthracene
Concen: 0.64 ng
RT: 14.97 min Scan# 1040
Delta R.T. 0.13 min
Lab File: BF080059.D
Acq: 19 Jun 2015 16:01

Tgt Ion:228 Resp: 7666

Ion	Ratio	Lower	Upper
228	100		
226	25.1	20.0	30.0
229	18.8	15.4	23.2



Instrument :
BNA_F
ClientSampleId :
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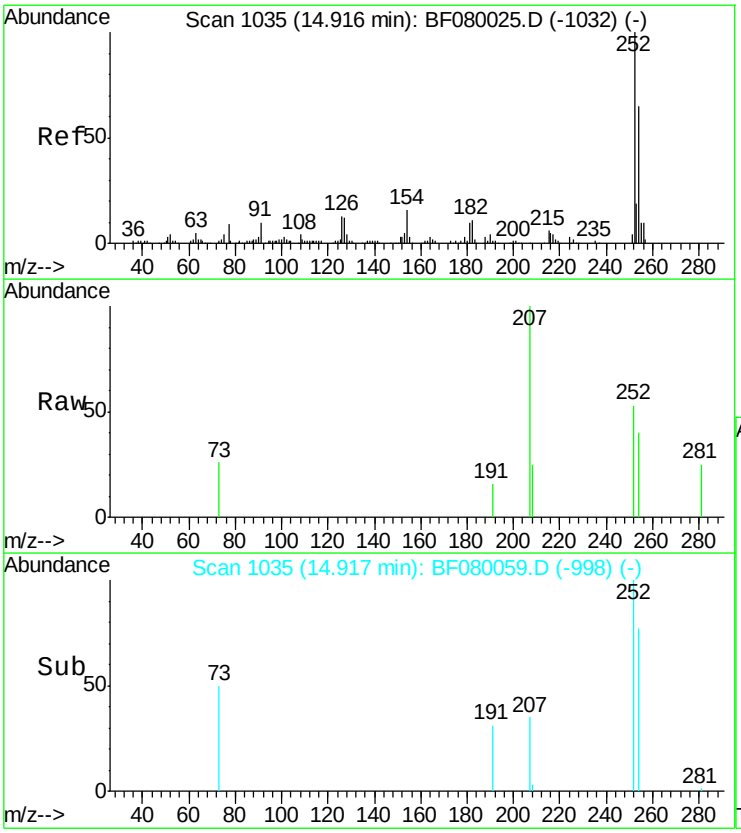
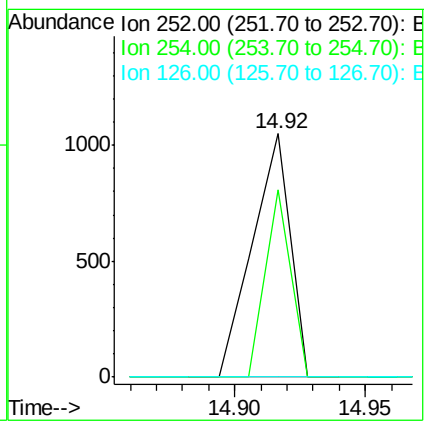
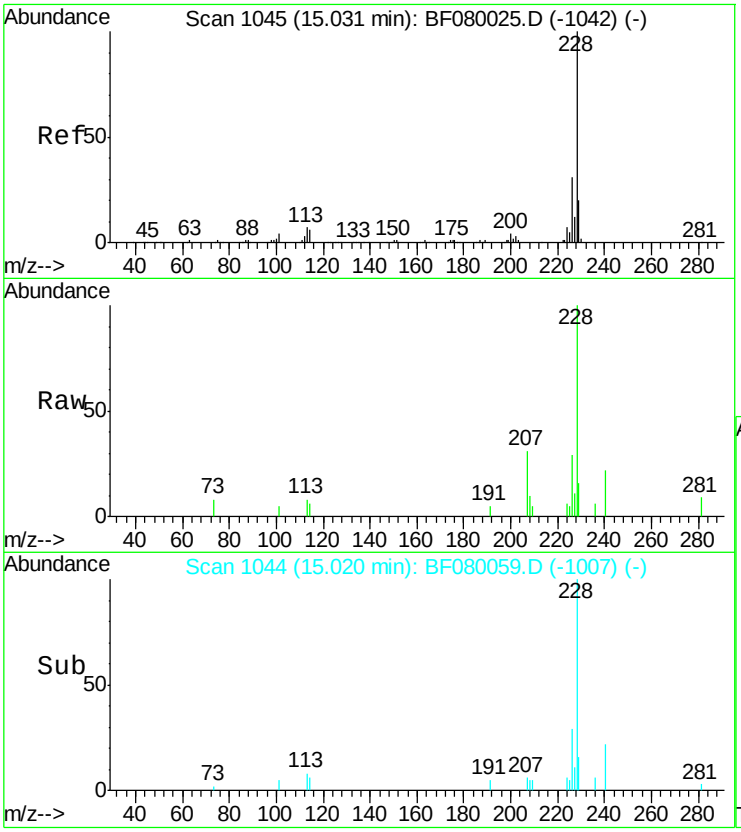


#81
3,3'-Dichlorobenzidine
Concen: 0.26 ng
RT: 14.92 min Scan# 1035
Delta R.T. 0.13 min
Lab File: BF080059.D
Acq: 19 Jun 2015 16:01

Tgt Ion:252 Resp: 1071

Ion	Ratio	Lower	Upper
252	100		
254	77.0	51.4	77.2
126	0.0	16.4	24.6#





#82
Chrysene
Concen: 0.74 ng
RT: 15.02 min Scan# 1044
Delta R.T. 0.13 min
Lab File: BF080059.D
Acq: 19 Jun 2015 16:01

Tgt Ion:228 Resp: 8261

Ion	Ratio	Lower	Upper
228	100		
226	29.4	21.0	31.4
229	16.1	15.6	23.4

Instrument :
BNA_F
ClientSampleId :
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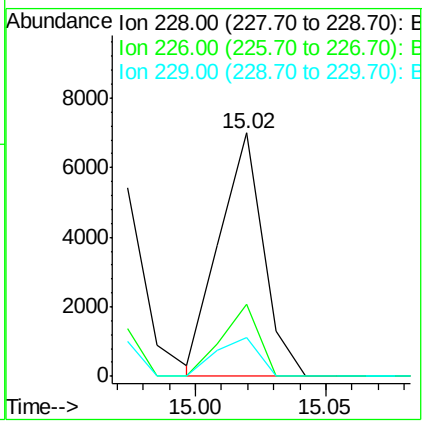
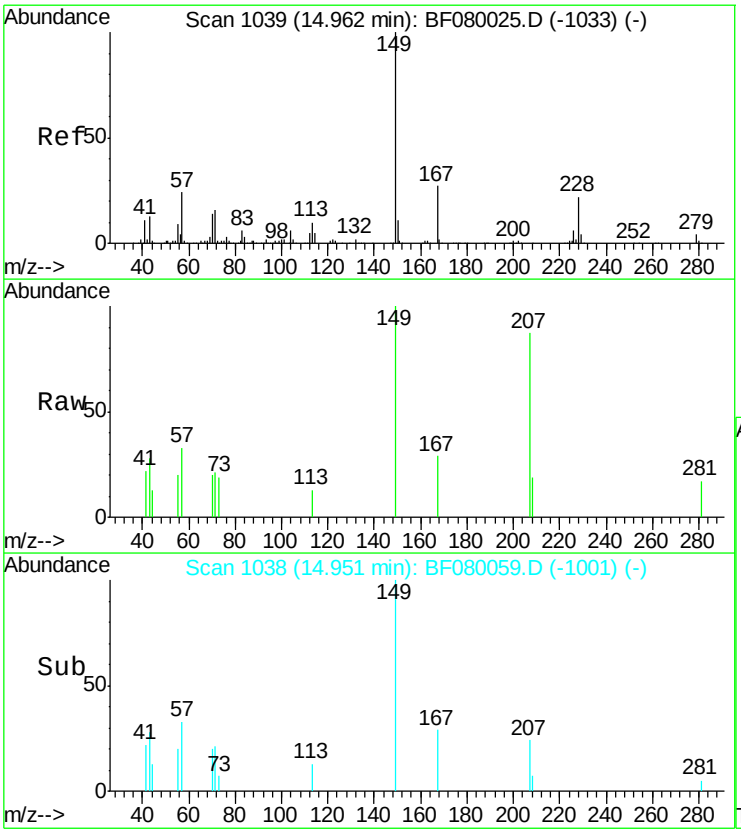
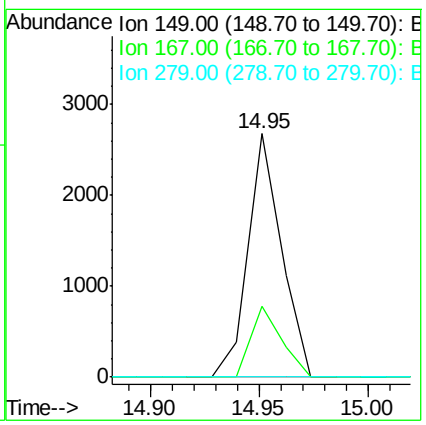


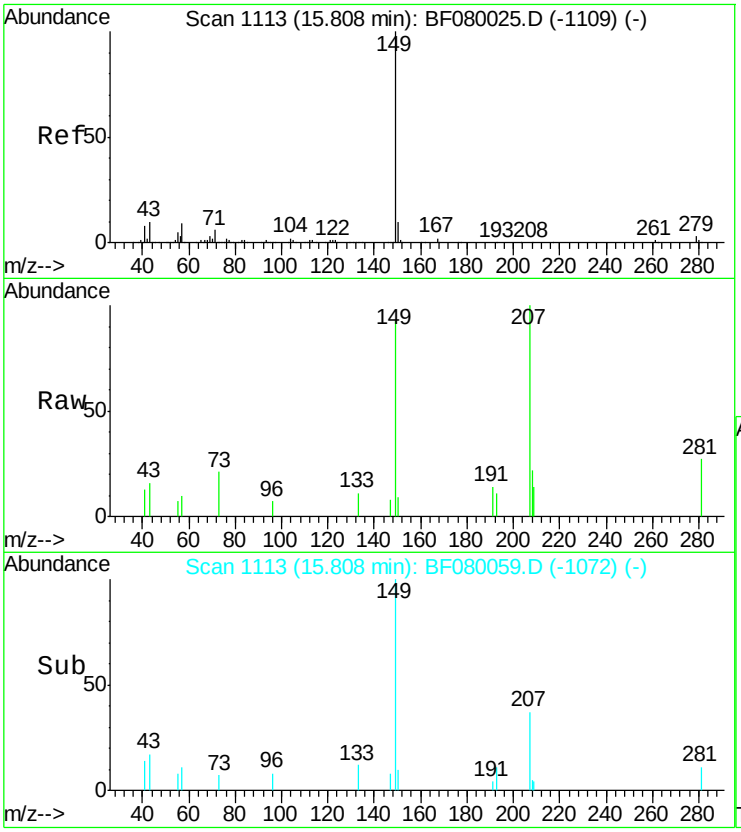


#83
Bis(2-ethylhexyl)phthalate
Concen: 0.37 ng
RT: 14.95 min Scan# 1038
Delta R.T. 0.13 min
Lab File: BF080059.D
Acq: 19 Jun 2015 16:01

Tgt Ion:149 Resp: 2874

Ion	Ratio	Lower	Upper
149	100		
167	29.2	24.2	36.2
279	0.0	3.8	5.6#





#84
Di-n-octyl phthalate
Concen: 0.32 ng
RT: 15.81 min Scan# 1113
Delta R.T. 0.17 min
Lab File: BF080059.D
Acq: 19 Jun 2015 16:01

Tgt Ion:149 Resp: 4280

Ion	Ratio	Lower	Upper
149	100		
167	0.0	1.0	1.6#
43	22.2	10.2	15.2#

Instrument :
BNA_F
ClientSampleId :
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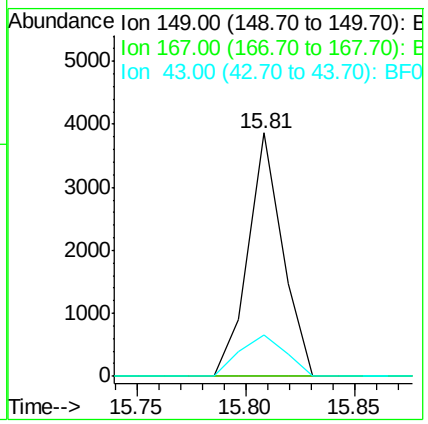
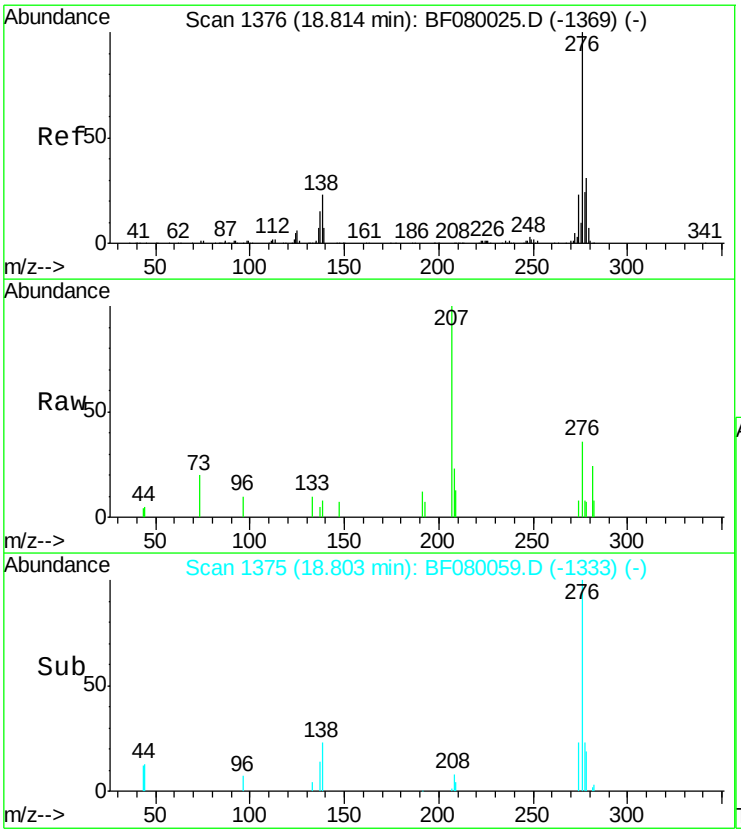
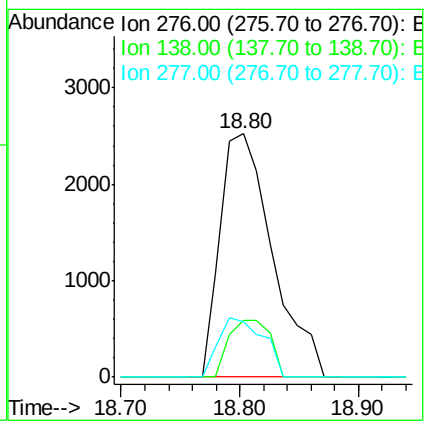


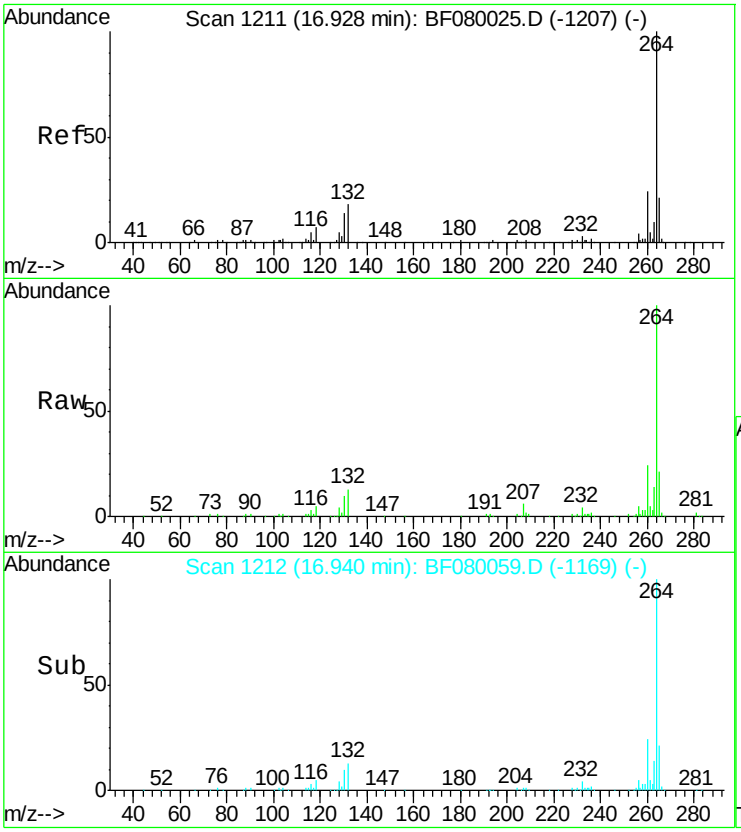


#85
Indeno(1,2,3-cd)pyrene
Concen: 0.55 ng
RT: 18.80 min Scan# 1375
Delta R.T. 0.18 min
Lab File: BF080059.D
Acq: 19 Jun 2015 16:01

Tgt Ion:276 Resp: 7742

Ion	Ratio	Lower	Upper
276	100		
138	0.0	25.7	38.5#
277	20.9	15.6	23.4

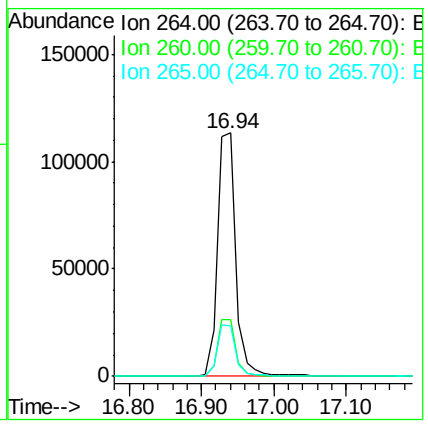




#86
Perylene-d12
Concen: 20.00 ng
RT: 16.94 min Scan# 1212
Delta R.T. 0.19 min
Lab File: BF080059.D
Acq: 19 Jun 2015 16:01

Tgt Ion:264 Resp: 198195

Ion	Ratio	Lower	Upper
264	100		
260	23.6	16.7	25.1
265	20.5	17.2	25.8



Instrument :
BNA_F
ClientSampleId :
LOD-WATER2015-01

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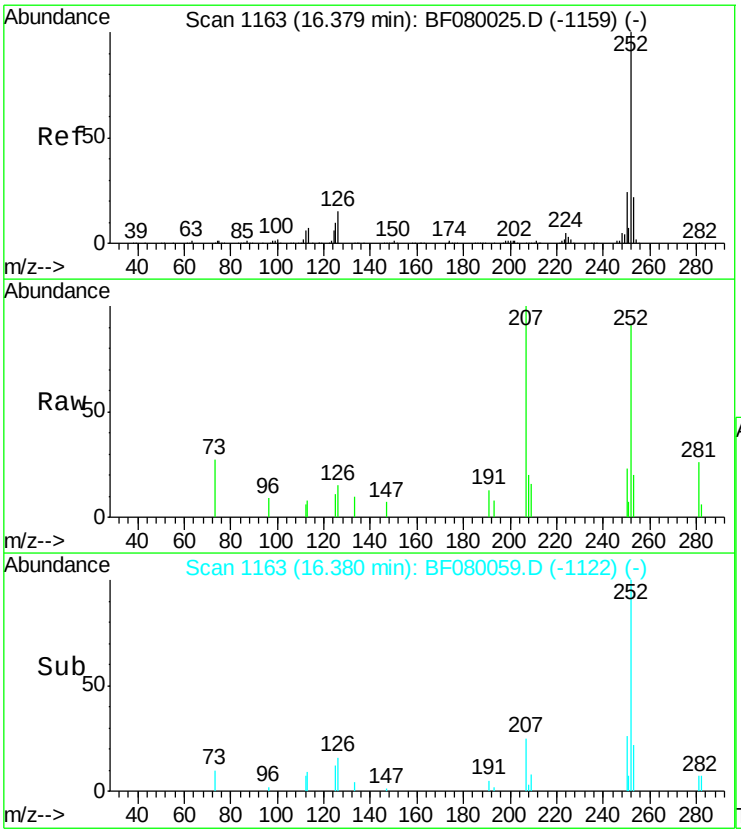
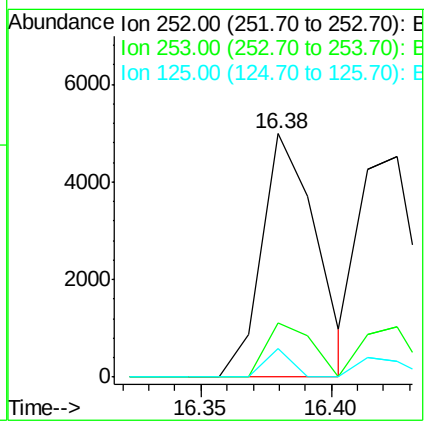
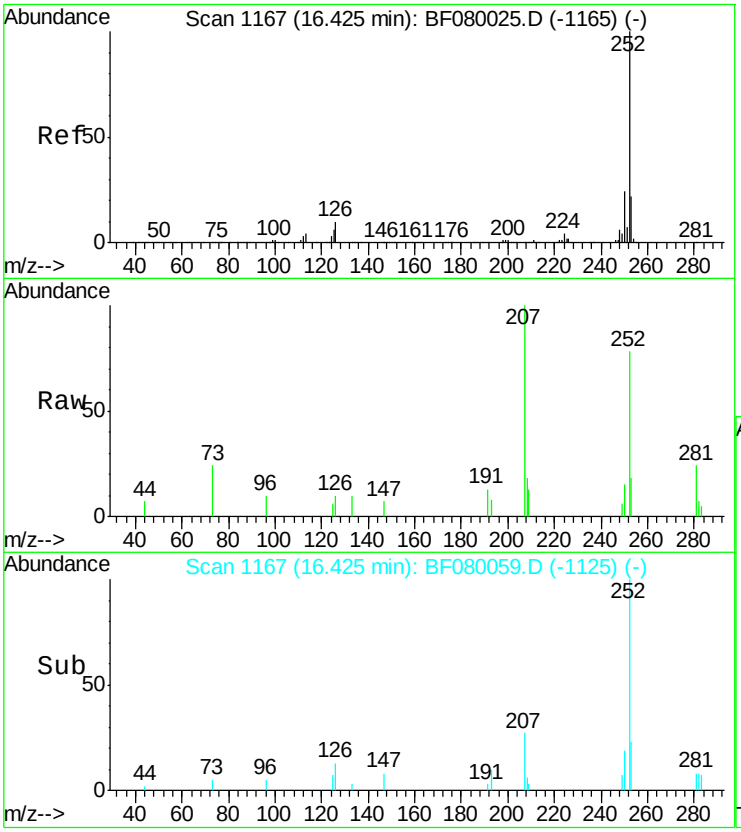


#87
Benzo(b)fluoranthene
Concen: 0.60 ng
RT: 16.38 min Scan# 1163
Delta R.T. 0.17 min
Lab File: BF080059.D
Acq: 19 Jun 2015 16:01

Tgt Ion:252 Resp: 7235

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.5	26.3
125	11.7	17.1	25.7#





#88
Benzo(k)fluoranthene
Concen: 0.57 ng
RT: 16.43 min Scan# 1167
Delta R.T. 0.18 min
Lab File: BF080059.D
Acq: 19 Jun 2015 16:01

Tgt Ion:252 Resp: 6929

Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.0	25.4
125	7.2	16.0	24.0#

Instrument :
BNA_F
ClientSampleId :
LOD-WATER2015-01

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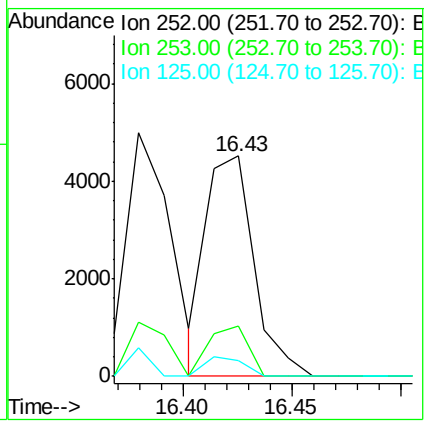
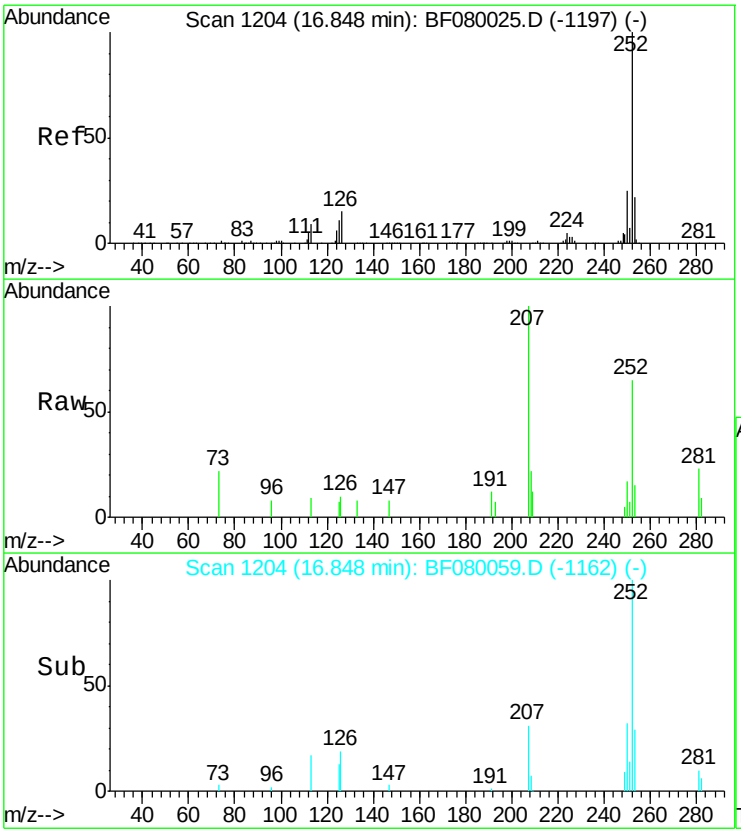
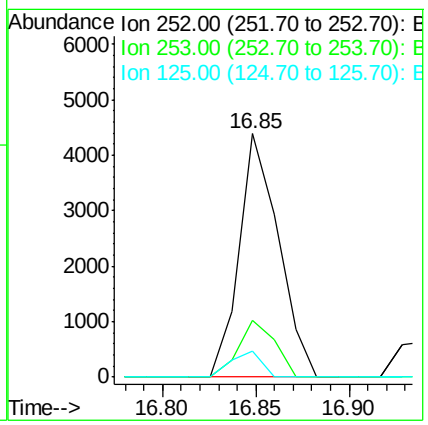


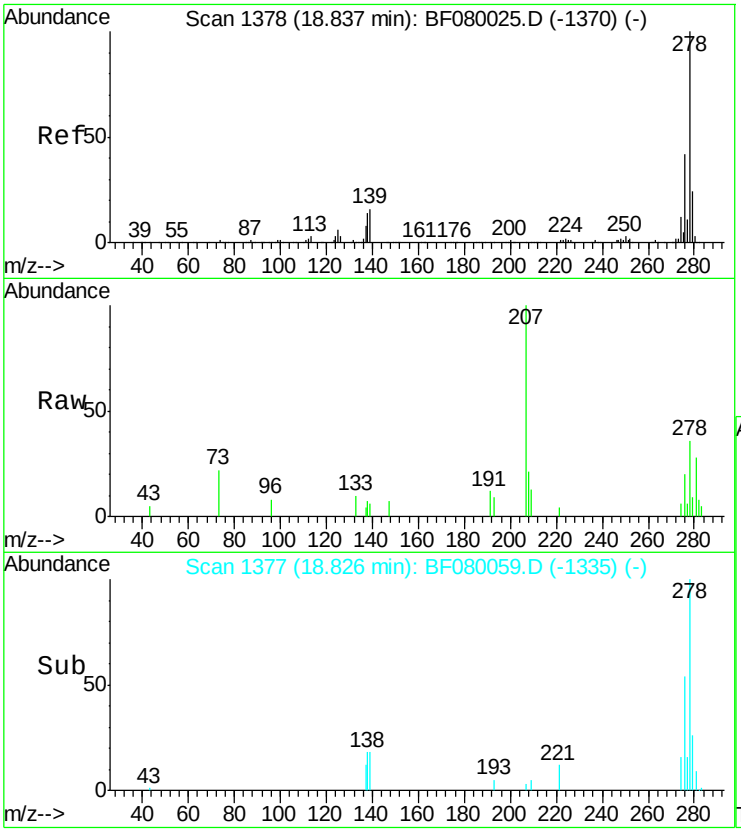


#89
Benzo(a)pyrene
Concen: 0.56 ng
RT: 16.85 min Scan# 1204
Delta R.T. 0.18 min
Lab File: BF080059.D
Acq: 19 Jun 2015 16:01

Tgt Ion:252 Resp: 6410

Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.2	25.8
125	10.7	18.0	27.0#





#90
Dibenzo(a,h)anthracene
Concen: 0.49 ng
RT: 18.83 min Scan# 1377
Delta R.T. 0.18 min
Lab File: BF080059.D
Acq: 19 Jun 2015 16:01

Tgt Ion:278 Resp: 5672

Ion	Ratio	Lower	Upper
278	100		
139	18.0	26.3	39.5#
279	25.8	18.2	27.4

Instrument :
BNA_F
ClientSampleId :
LOD-WATER2015-01

Manual Integrations APPROVED
apatel
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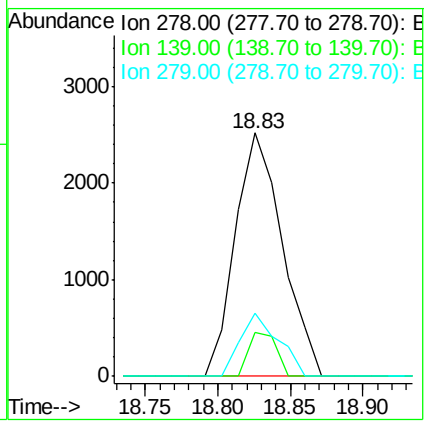

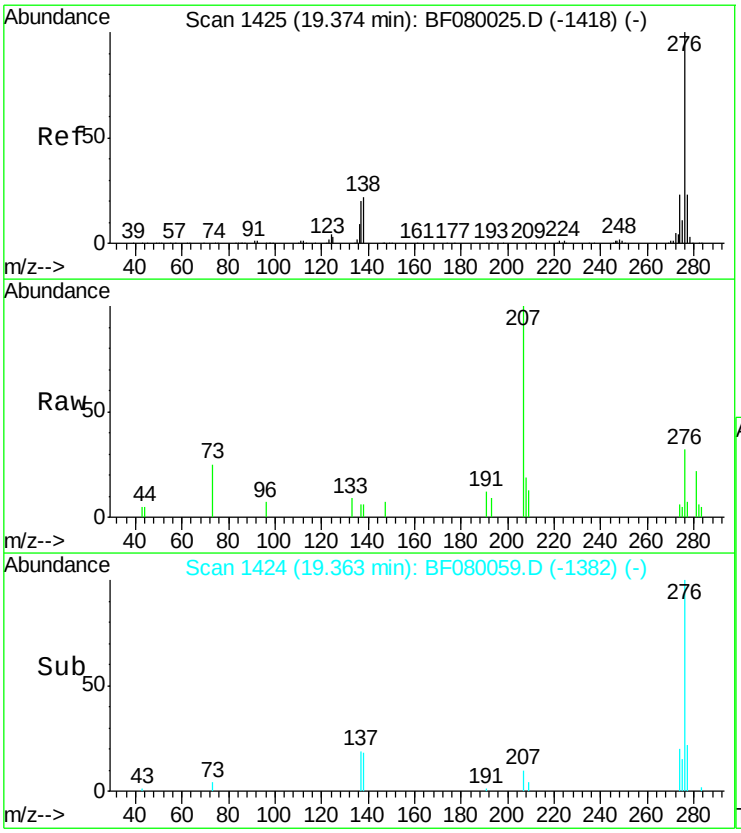

#91
Benzo(g,h,i)perylene
Concen: 0.50 ng
RT: 19.36 min Scan# 1424
Delta R.T. 0.18 min
Lab File: BF080059.D
Acq: 19 Jun 2015 16:01

Tgt Ion:276 Resp: 5934

Ion	Ratio	Lower	Upper
276	100		
277	22.3	17.8	26.6
138	17.8	34.6	51.8#