Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080315\
Data File : BF080817.D
Acq On : 3 Aug 2015 23:35
Operator : TP
Sample : G3083-18
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Aug 04 05:26:08 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF080315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 04 01:58:34 2015
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
8524

Manual Integrations APPROVED
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	155837	20.00	ng		-0.01
21) Naphthalene-d8	8.12	136	578809	20.00	ng		0.00
38) Acenaphthene-d10	9.87	164	253189	20.00	ng		0.00
63) Phenanthrene-d10	11.34	188	391063	20.00	ng		0.00
75) Chrysene-d12	13.99	240	246876	20.00	ng		0.00
86) Perylene-d12	15.39	264	240751	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.44	112	943388	100.93	ng		0.00
7) Phenol-d6	6.48	99	1405762	111.80	ng		0.01
23) Nitrobenzene-d5	7.40	82	980563	83.60	ng		0.00
41) 2,4,6-Tribromophenol	10.66	330	316640	130.51	ng		0.00
44) 2-Fluorobiphenyl	9.20	172	1340455	80.03	ng		0.00
78) Terphenyl-d14	12.93	244	972604	78.51	ng		0.00
Target Compounds							Qvalue
8) 2-Chlorophenol	6.62	128	1250699	120.77	ng	#	81
10) Phenol	6.49	94	1628919	110.93	ng		95
11) bis(2-Chloroethyl)ether	6.58	93	929849	88.31	ng		87
14) 1,2-Dichlorobenzene	7.00	146	436203	40.77	ng	#	89
16) 2,2'-oxybis(1-Chloropropan	7.12	45	1596889	76.71	ng		97
17) 2-Methylphenol	7.09	107	915222	100.24	ng		98
19) n-Nitroso-di-n-propylamine	7.26	70	1081585	132.98	ng	#	86
25) Isophorone	7.66	82	3111652	148.34	ng		97
26) 2-Nitrophenol	7.73	139	337436	65.94	ng		92
28) bis(2-Chloroethoxy)methane	7.87	93	753580	59.45	ng		99
30) 1,2,4-Trichlorobenzene	8.06	180	1101041	123.63	ng		97
31) Naphthalene	8.14	128	2200538	77.38	ng		98
34) Hexachlorobutadiene	8.26	225	497722	91.10	ng		99
36) 4-Chloro-3-methylphenol	8.66	107	635160	73.10	ng		96
37) 2-Methylnaphthalene	8.83	142	1565500	87.85	ng		98
42) 2,4,6-Trichlorophenol	9.10	196	624371m	109.36	ng		
43) 2,4,5-Trichlorophenol	9.15	196	891936m	159.62	ng		
46) 2-Chloronaphthalene	9.32	162	1770091	111.29	ng		93
48) Acenaphthylene	9.73	152	1180583	47.60	ng		100
49) Dimethylphthalate	9.60	163	61312	3.62	ng		99
50) 2,6-Dinitrotoluene	9.66	165	696830	191.28	ng		97
54) Dibenzofuran	10.09	168	3592620	181.63	ng		94
56) 2,4-Dinitrotoluene	10.06	165	638909	138.72	ng		99
57) Fluorene	10.42	166	1096493	71.45	ng		98
60) 4-Chlorophenyl-phenylether	10.42	204	926271	123.06	ng	#	85
66) 4-Bromophenyl-phenylether	10.91	248	1017277	236.75	ng		93
67) Hexachlorobenzene	10.97	284	236986	48.72	ng	#	87
69) Pentachlorophenol	11.15	266	295645	113.87	ng		96
71) Anthracene	11.44	178	2878954	143.39	ng		98
73) Di-n-butylphthalate	11.93	149	3718465	178.62	ng		97
74) Fluoranthene	12.56	202	934802	47.99	ng		99
77) Pyrene	12.80	202	2793379	152.65	ng		97
79) Butylbenzylphthalate	13.41	149	945804	131.23	ng	#	82
80) Benzo(a)anthracene	13.97	228	1545281	109.64	ng		97

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Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
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Quant Time: Aug 04 05:26:08 2015
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 04 01:58:34 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
82) Chrysene	14.02	228	2245832	163.94	ng		97
84) Di-n-octyl phthalate	14.58	149	712462	50.64	ng		99
85) Indeno(1,2,3-cd)pyrene	16.79	276	1683992	134.01	ng	#	93
87) Benzo(b)fluoranthene	15.00	252	1838286m	130.44	ng		
88) Benzo(k)fluoranthene	15.03	252	1723626	140.35	ng		96
89) Benzo(a)pyrene	15.33	252	883875	73.54	ng		99
90) Dibenzo(a,h)anthracene	16.79	278	47722	4.10	ng	#	68
91) Benzo(g,h,i)perylene	17.20	276	1363811	112.34	ng	#	97

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

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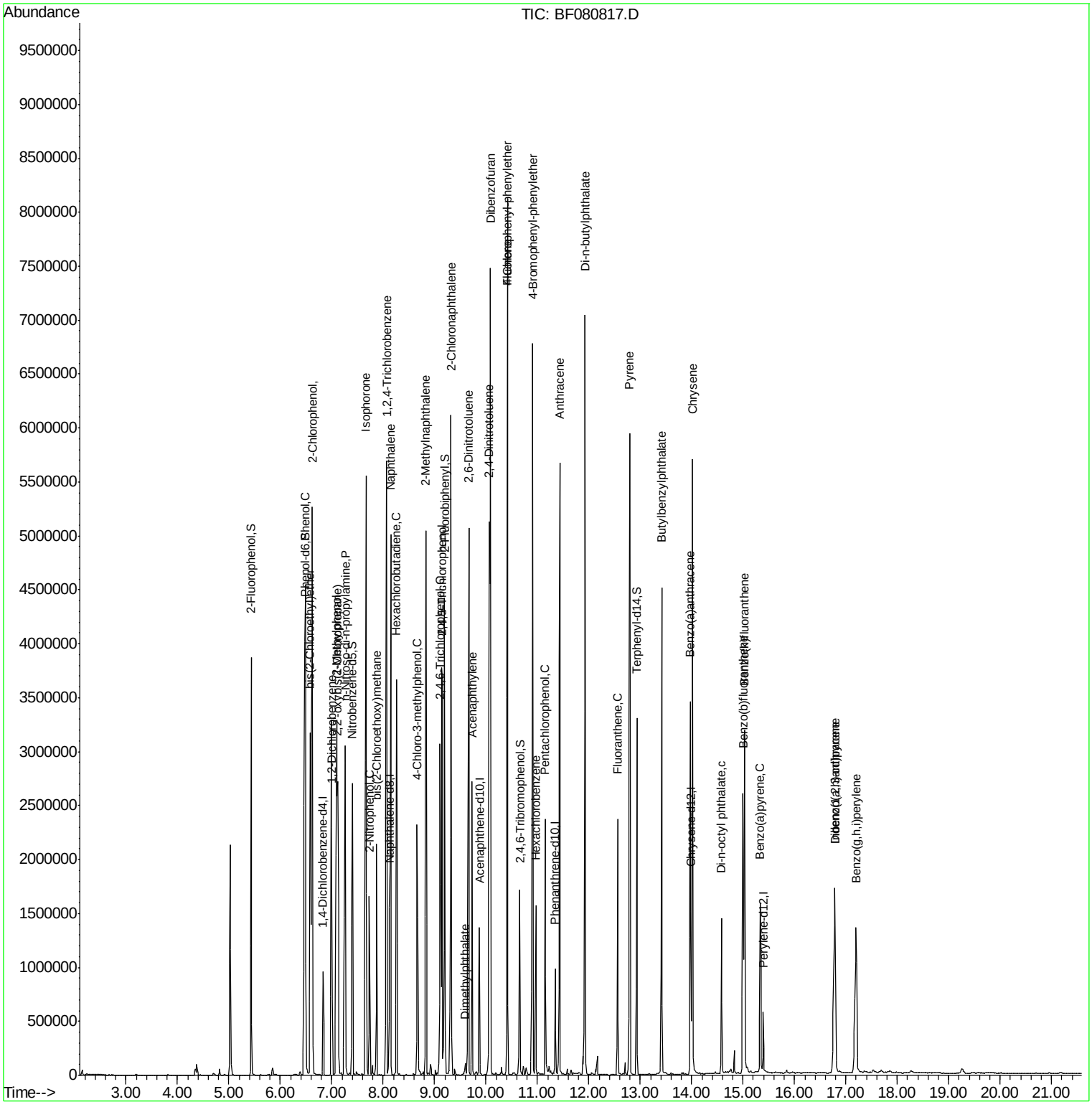
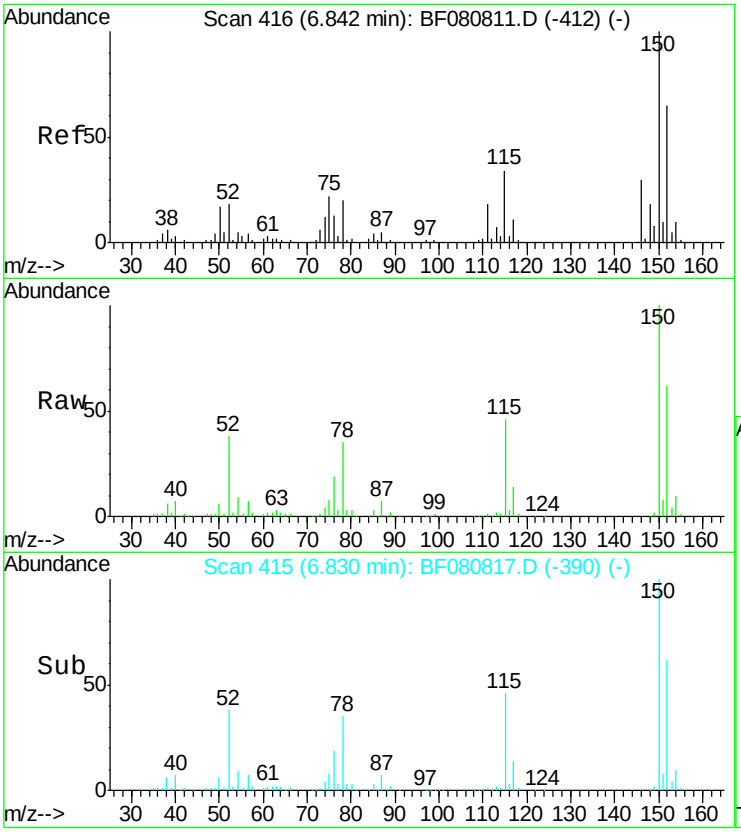
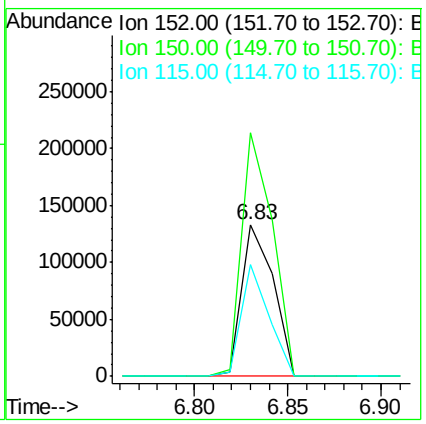




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.83 min Scan# 415
Delta R.T. -0.01 min
Lab File: BF080817.D
Acq: 3 Aug 2015 23:35

Tgt Ion:152 Resp: 155837

Ion	Ratio	Lower	Upper
152	100		
150	160.4	122.9	184.3
115	73.3	42.0	63.0#



Instrument :
BNA_F
ClientSampleId :
8524

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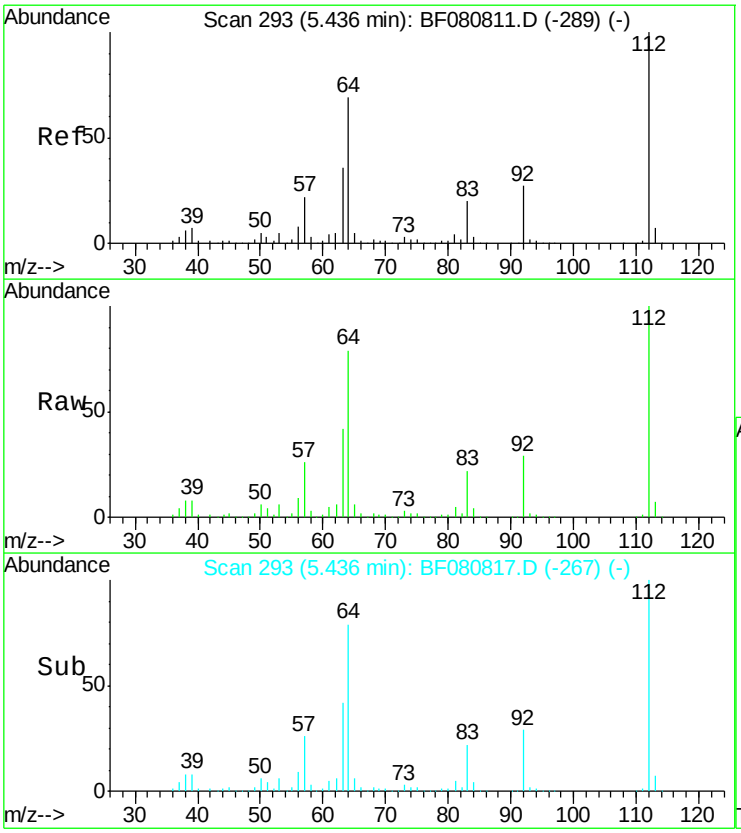
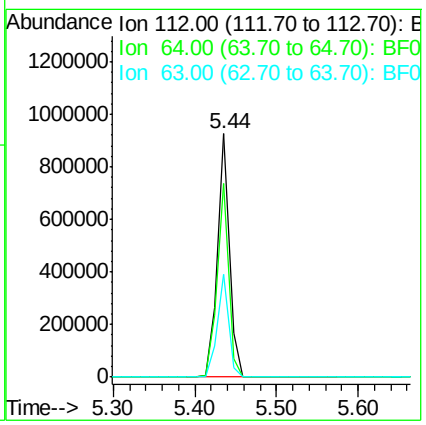
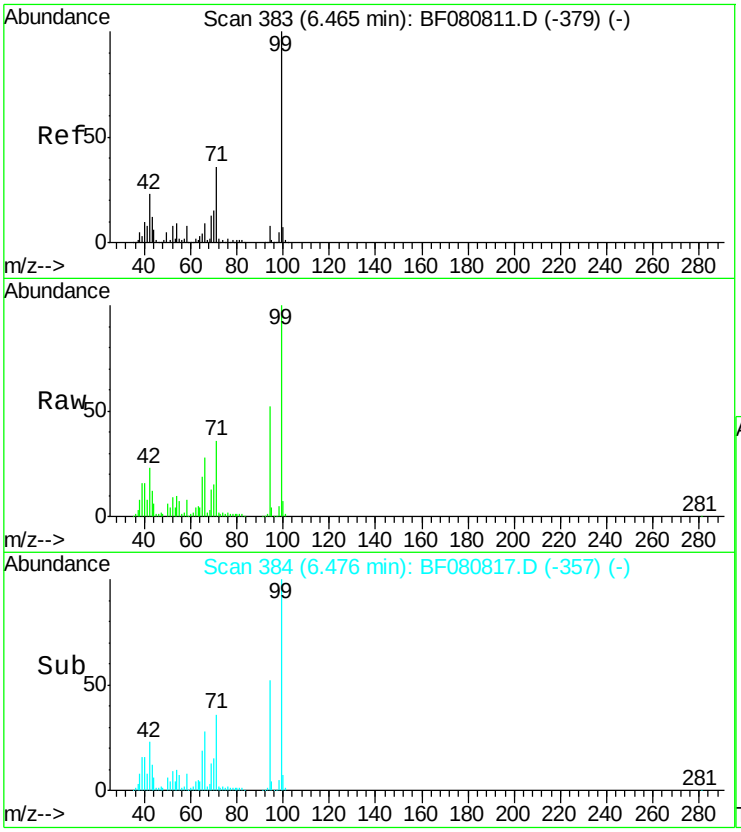


#5
2-Fluorophenol
Concen: 100.93 ng
RT: 5.44 min Scan# 293
Delta R.T. -0.00 min
Lab File: BF080817.D
Acq: 3 Aug 2015 23:35

Tgt Ion:112 Resp: 943388

Ion	Ratio	Lower	Upper
112	100		
64	79.3	55.0	82.4
63	42.1	28.6	42.8

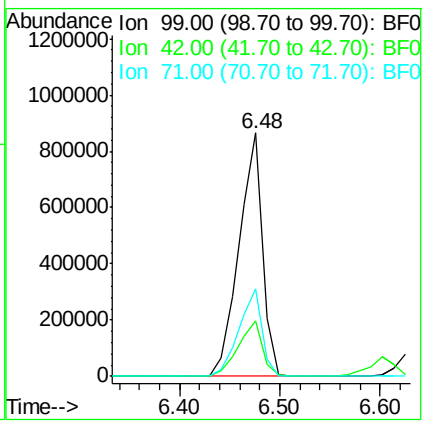




#7
Phenol-d6
Concen: 111.80 ng
RT: 6.48 min Scan# 384
Delta R.T. 0.01 min
Lab File: BF080817.D
Acq: 3 Aug 2015 23:35

Tgt Ion: 99 Resp: 1405762

Ion	Ratio	Lower	Upper
99	100		
42	22.9	18.4	27.6
71	35.7	28.7	43.1



Instrument :
BNA_F
ClientSampleId :
8524

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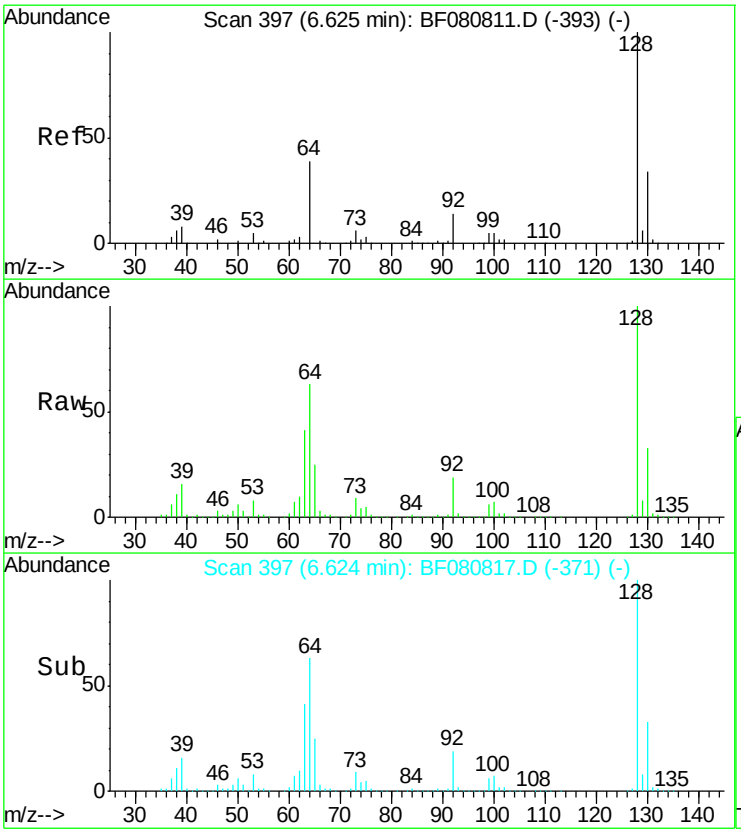
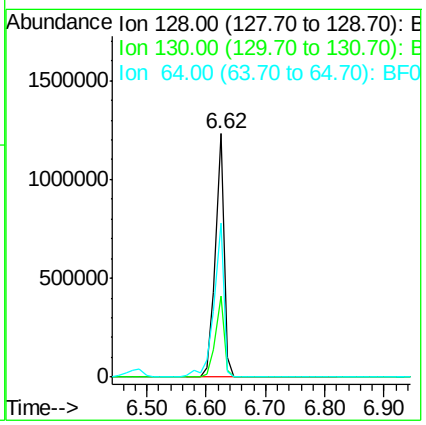
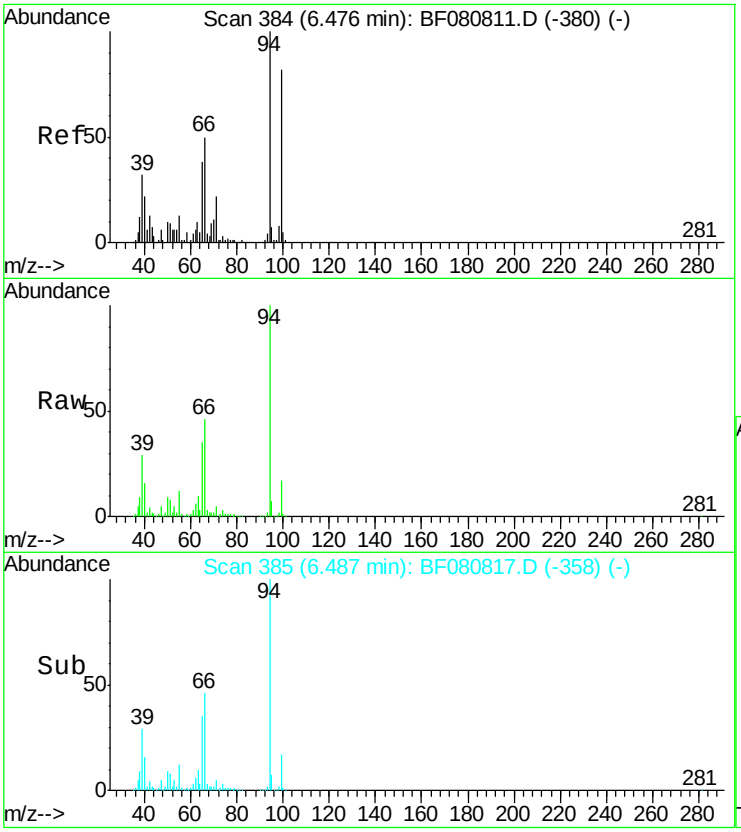


#8
2-Chlorophenol
Concen: 120.77 ng
RT: 6.62 min Scan# 397
Delta R.T. -0.00 min
Lab File: BF080817.D
Acq: 3 Aug 2015 23:35

Tgt Ion:128 Resp: 1250699

Ion	Ratio	Lower	Upper
128	100		
130	33.2	14.1	54.1
64	63.3	22.3	62.3#

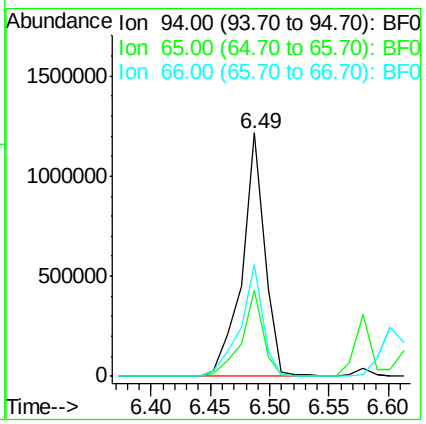




#10
Phenol
Concen: 110.93 ng
RT: 6.49 min Scan# 385
Delta R.T. 0.01 min
Lab File: BF080817.D
Acq: 3 Aug 2015 23:35

Tgt Ion: 94 Resp: 1628919

Ion	Ratio	Lower	Upper
94	100		
65	35.5	17.5	57.5
66	45.7	29.6	69.6



Instrument :
BNA_F
ClientSampleId :
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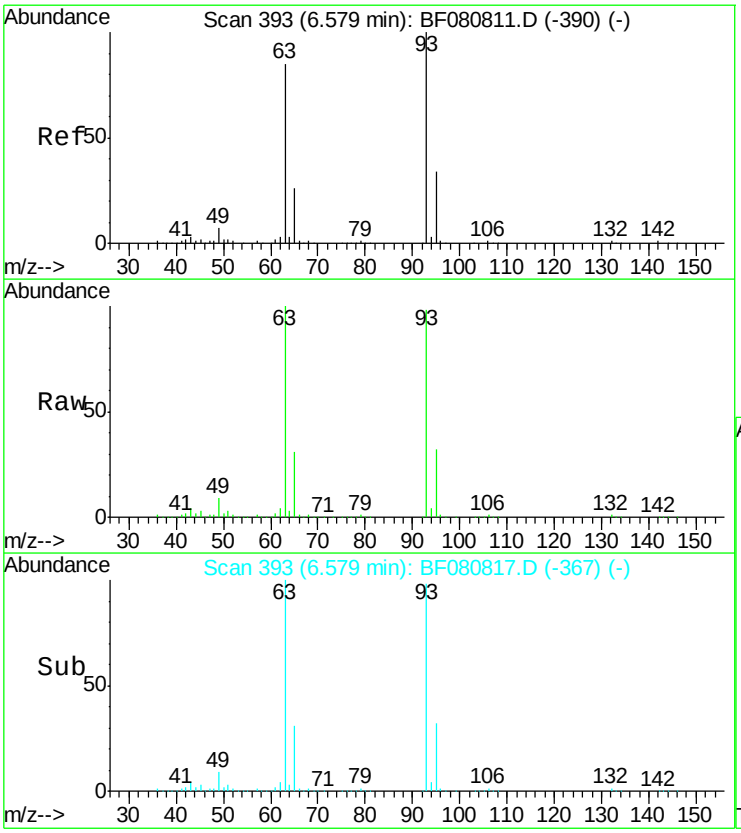
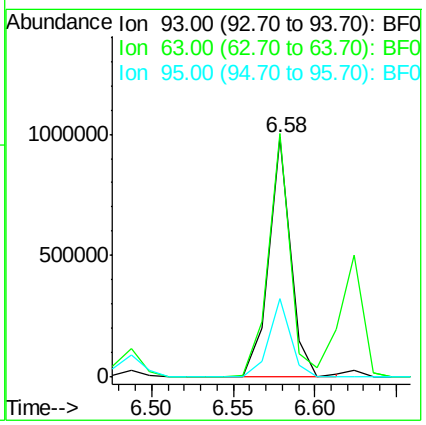
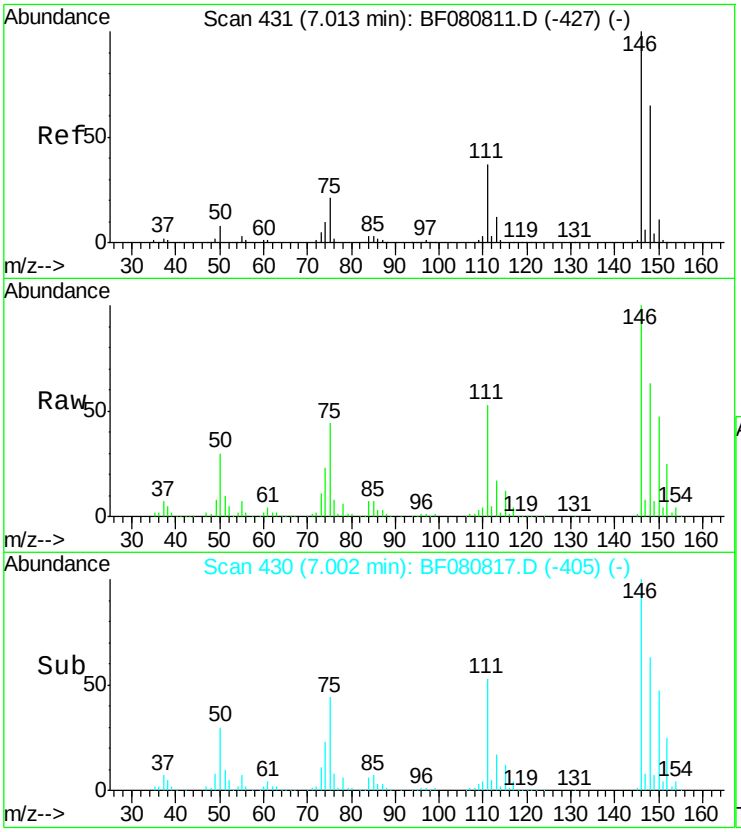


#11
bis(2-Chloroethyl)ether
Concen: 88.31 ng
RT: 6.58 min Scan# 393
Delta R.T. -0.00 min
Lab File: BF080817.D
Acq: 3 Aug 2015 23:35

Tgt Ion: 93 Resp: 929849

Ion	Ratio	Lower	Upper
93	100		
63	101.6	64.9	104.9
95	32.8	13.4	53.4

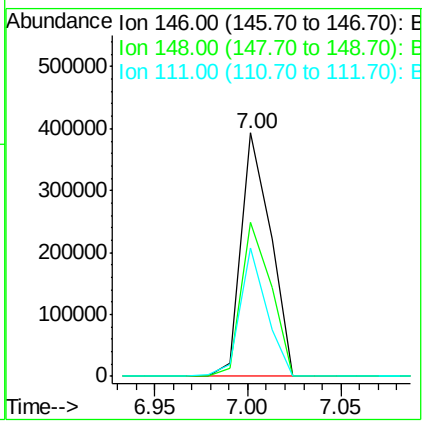




#14
1,2-Dichlorobenzene
Concen: 40.77 ng
RT: 7.00 min Scan# 430
Delta R.T. -0.01 min
Lab File: BF080817.D
Acq: 3 Aug 2015 23:35

Tgt Ion:146 Resp: 436203

Ion	Ratio	Lower	Upper
146	100		
148	63.1	52.0	78.0
111	52.9	29.3	43.9#



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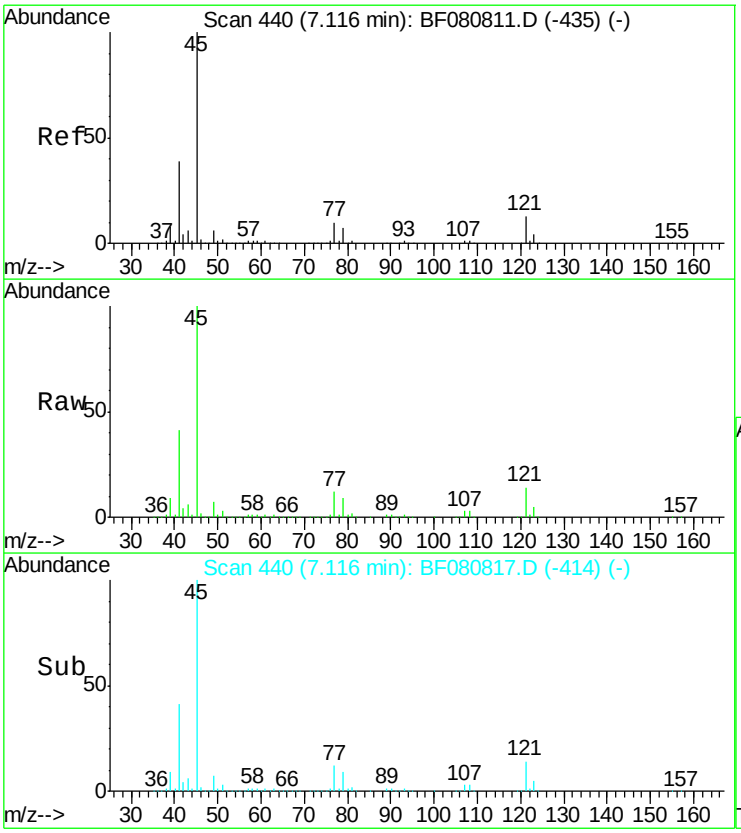
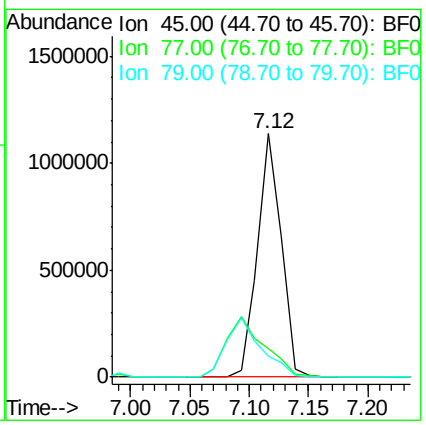
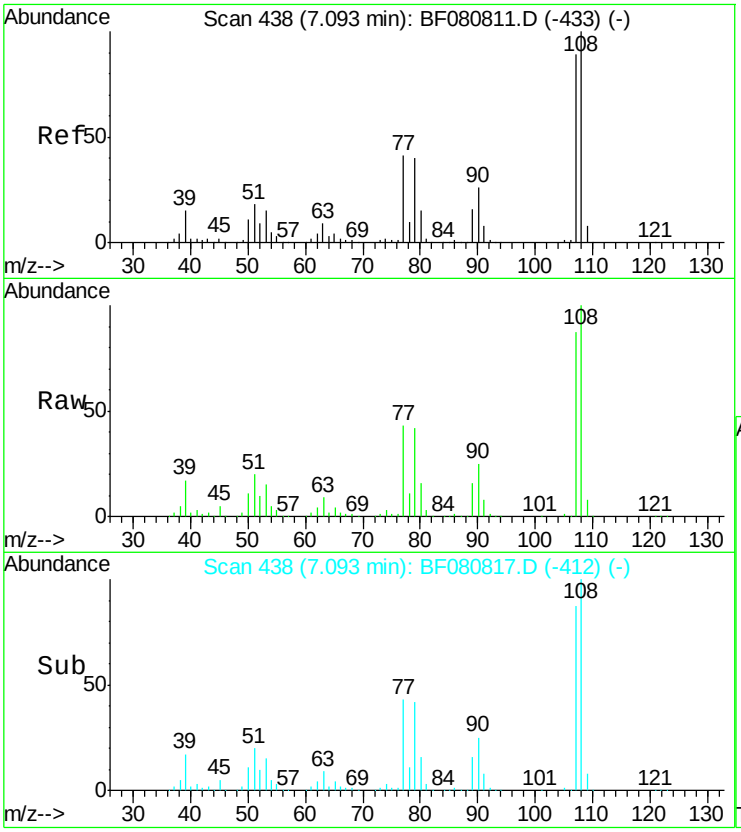


#16
2,2'-oxybis(1-Chloropropane)
Concen: 76.71 ng
RT: 7.12 min Scan# 440
Delta R.T. -0.00 min
Lab File: BF080817.D
Acq: 3 Aug 2015 23:35

Tgt Ion: 45 Resp: 1596889

Ion	Ratio	Lower	Upper
45	100		
77	11.7	0.0	30.5
79	8.8	0.0	28.2

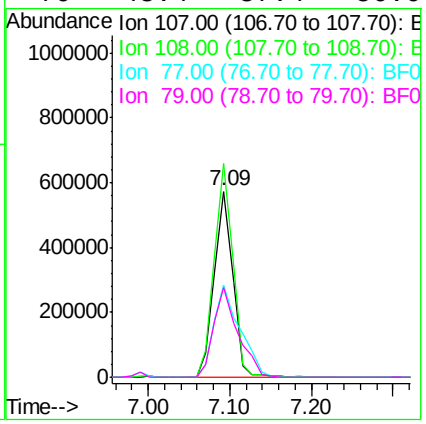




#17
2-Methylphenol
Concen: 100.24 ng
RT: 7.09 min Scan# 438
Delta R.T. -0.00 min
Lab File: BF080817.D
Acq: 3 Aug 2015 23:35

Tgt Ion:107 Resp: 915222

Ion	Ratio	Lower	Upper
107	100		
108	114.7	90.6	135.8
77	49.7	37.8	56.8
79	48.4	37.4	56.0



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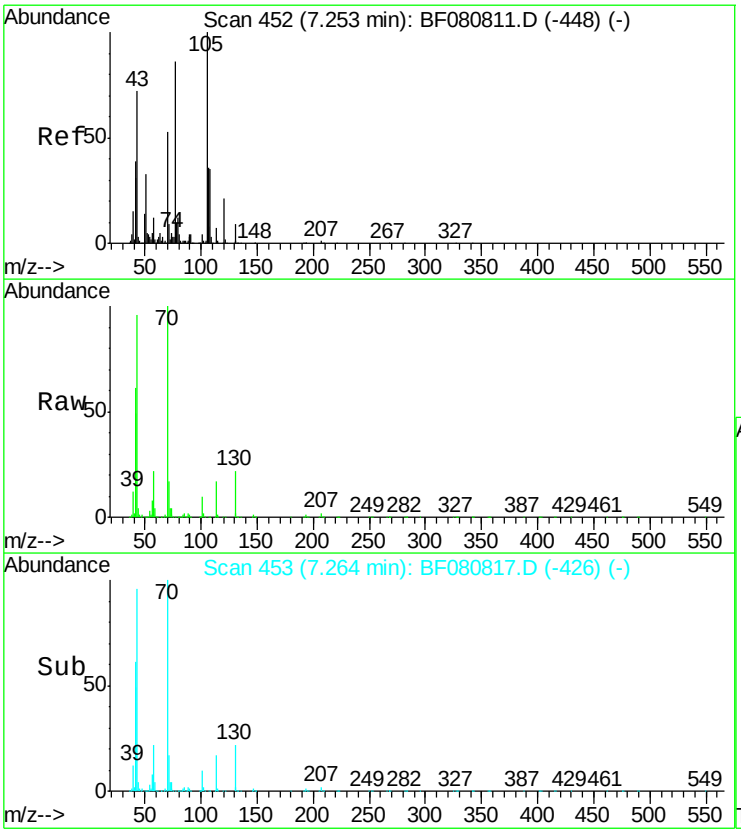
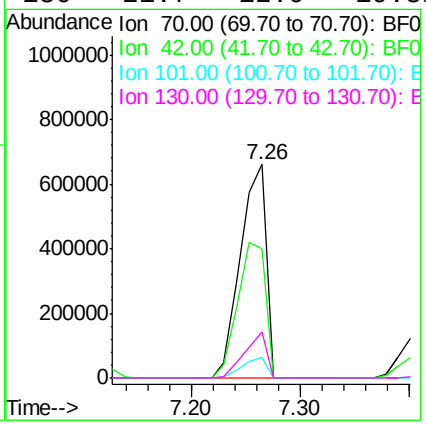
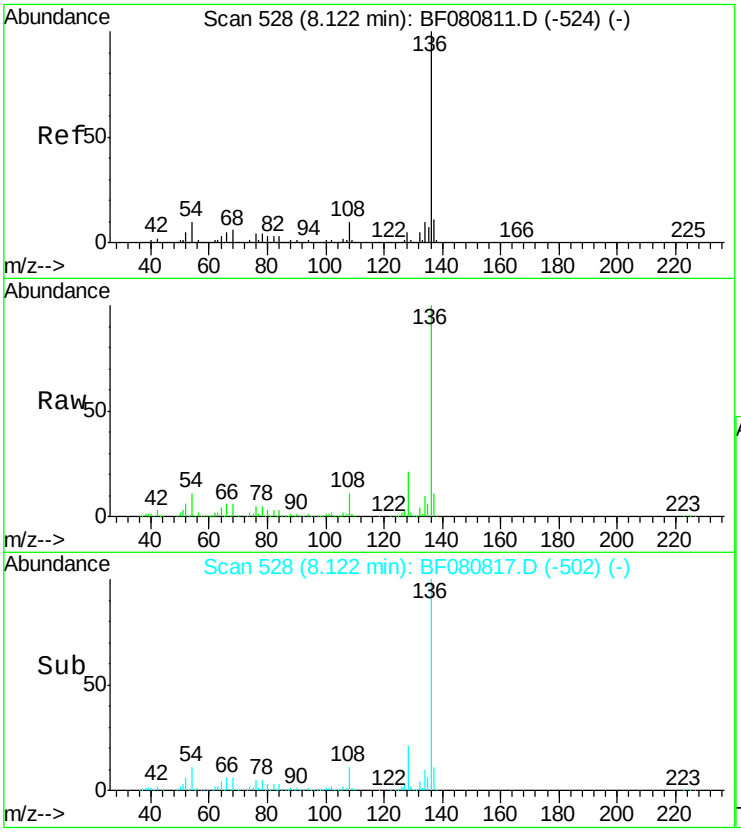


#19
n-Nitroso-di-n-propylamine
Concen: 132.98 ng
RT: 7.26 min Scan# 453
Delta R.T. 0.01 min
Lab File: BF080817.D
Acq: 3 Aug 2015 23:35

Tgt Ion: 70 Resp: 1081585

Ion	Ratio	Lower	Upper
70	100		
42	60.8	59.1	88.7
101	9.7	6.6	10.0
130	21.7	12.9	19.3#

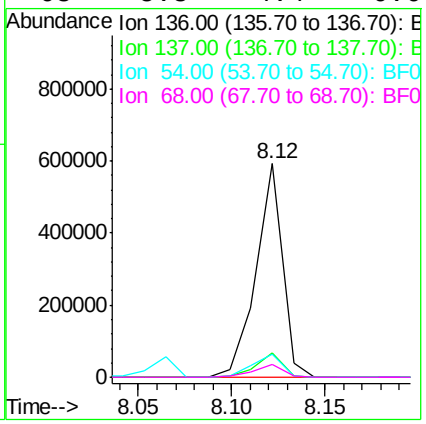




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.12 min Scan# 528
Delta R.T. -0.00 min
Lab File: BF080817.D
Acq: 3 Aug 2015 23:35

Tgt Ion:136 Resp: 578809

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.8	13.2
54	11.1	7.9	11.9
68	5.8	4.4	6.6



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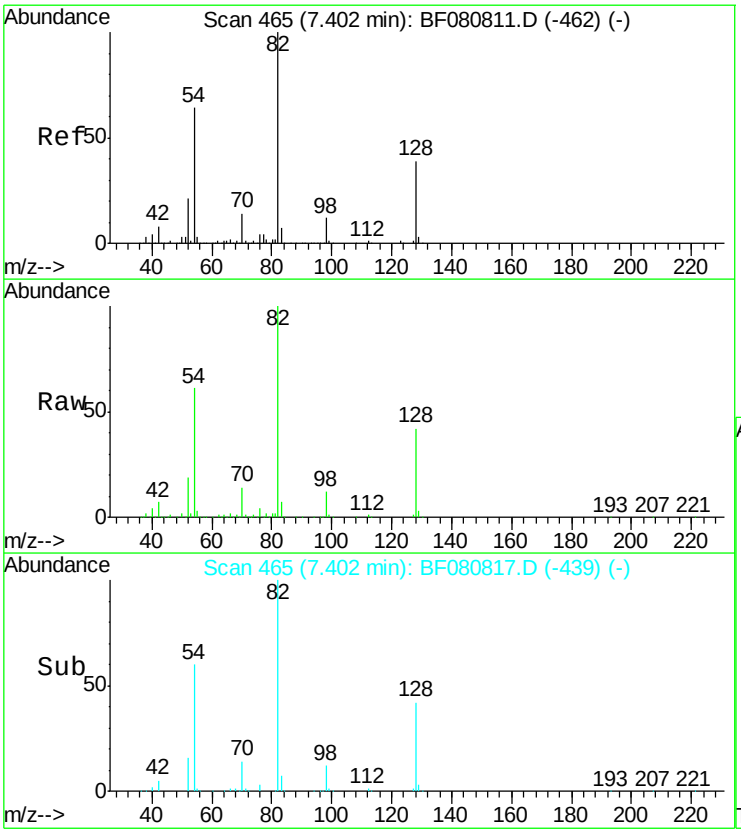
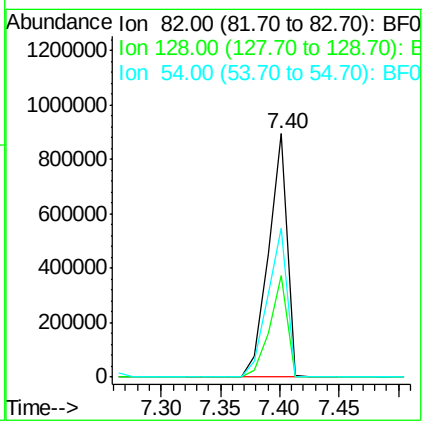
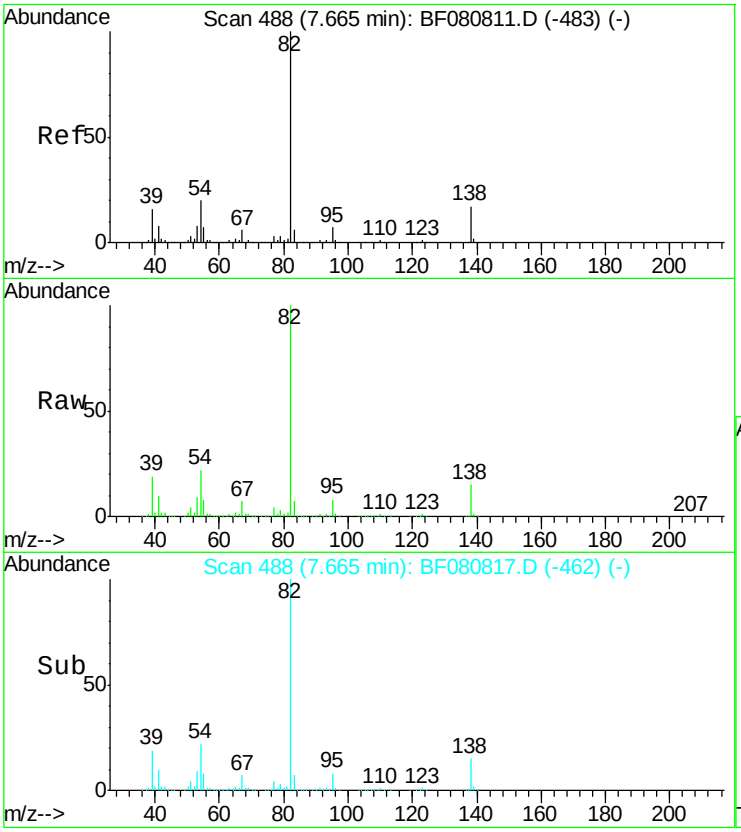


#23
Nitrobenzene-d5
Concen: 83.60 ng
RT: 7.40 min Scan# 465
Delta R.T. -0.00 min
Lab File: BF080817.D
Acq: 3 Aug 2015 23:35

Tgt Ion: 82 Resp: 980563

Ion	Ratio	Lower	Upper
82	100		
128	41.9	31.4	47.0
54	61.3	51.0	76.4

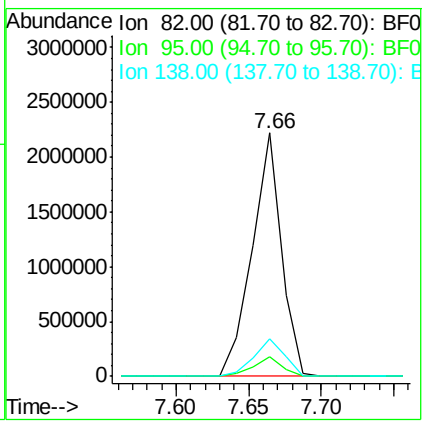




#25
Isophorone
Concen: 148.34 ng
RT: 7.66 min Scan# 488
Delta R.T. -0.00 min
Lab File: BF080817.D
Acq: 3 Aug 2015 23:35

Tgt Ion: 82 Resp: 3111652

Ion	Ratio	Lower	Upper
82	100		
95	7.9	5.9	8.9
138	15.2	13.4	20.2



Instrument :
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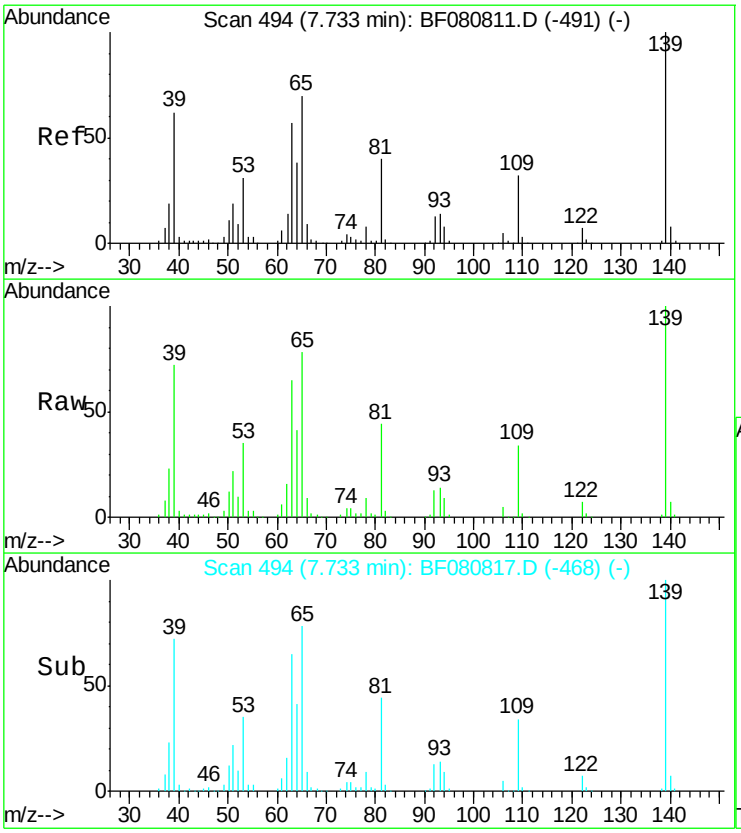
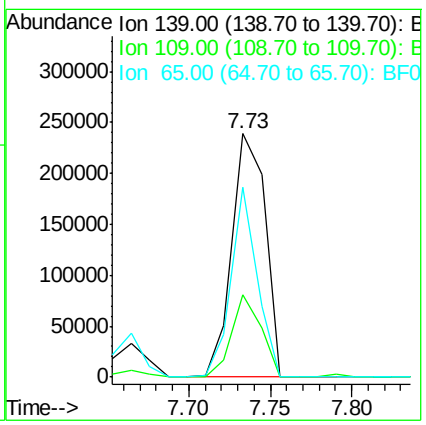
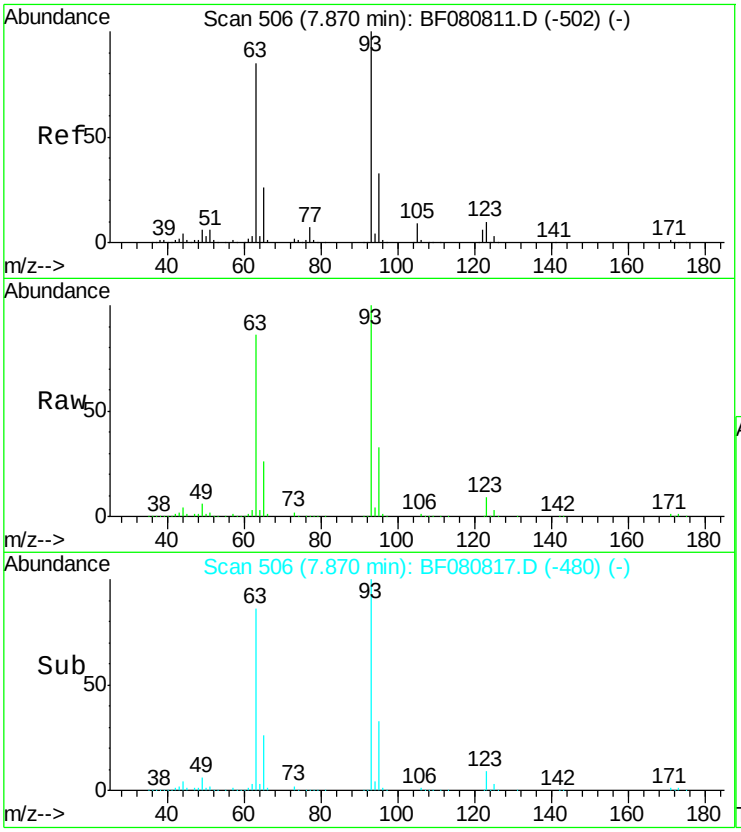


#26
2-Nitrophenol
Concen: 65.94 ng
RT: 7.73 min Scan# 494
Delta R.T. -0.00 min
Lab File: BF080817.D
Acq: 3 Aug 2015 23:35

Tgt Ion:139 Resp: 337436

Ion	Ratio	Lower	Upper
139	100		
109	33.9	25.3	37.9
65	78.1	56.2	84.4

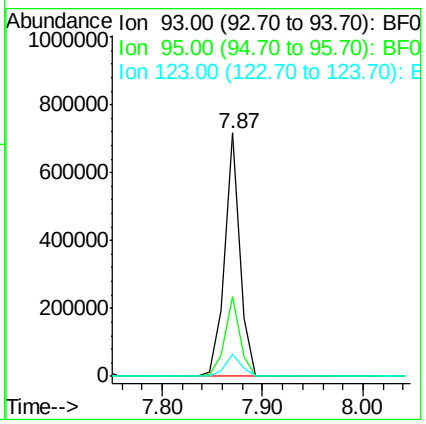




#28
bis(2-Chloroethoxy)methane
Concen: 59.45 ng
RT: 7.87 min Scan# 506
Delta R.T. -0.00 min
Lab File: BF080817.D
Acq: 3 Aug 2015 23:35

Tgt Ion: 93 Resp: 753580

Ion	Ratio	Lower	Upper
93	100		
95	32.7	26.1	39.1
123	9.2	8.0	12.0



Instrument :
BNA_F
ClientSampleId :
8524

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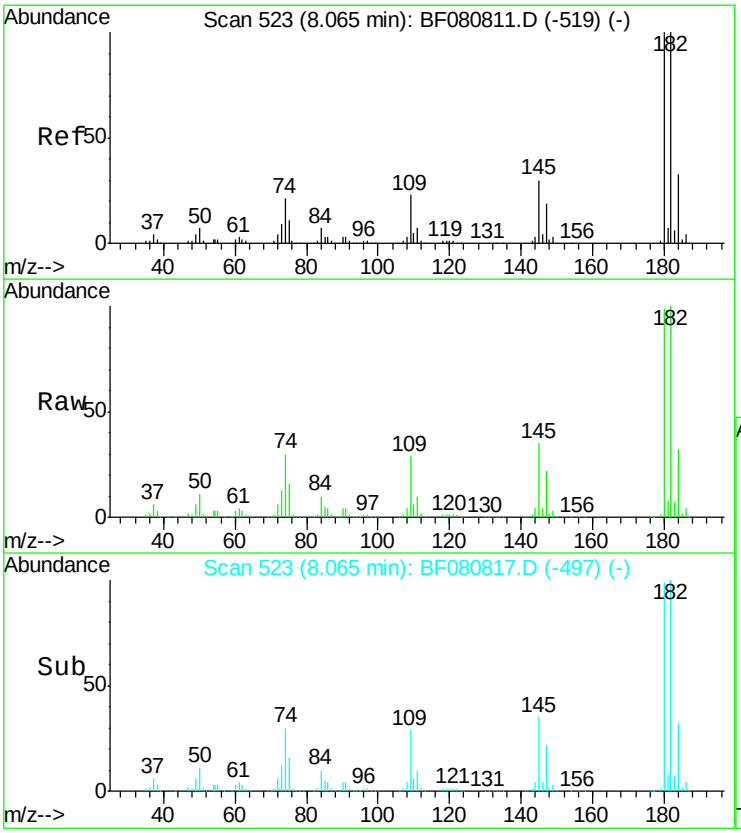
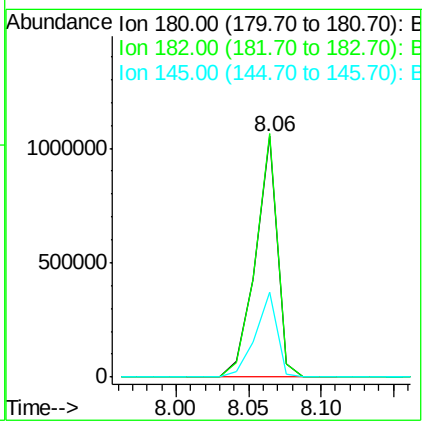
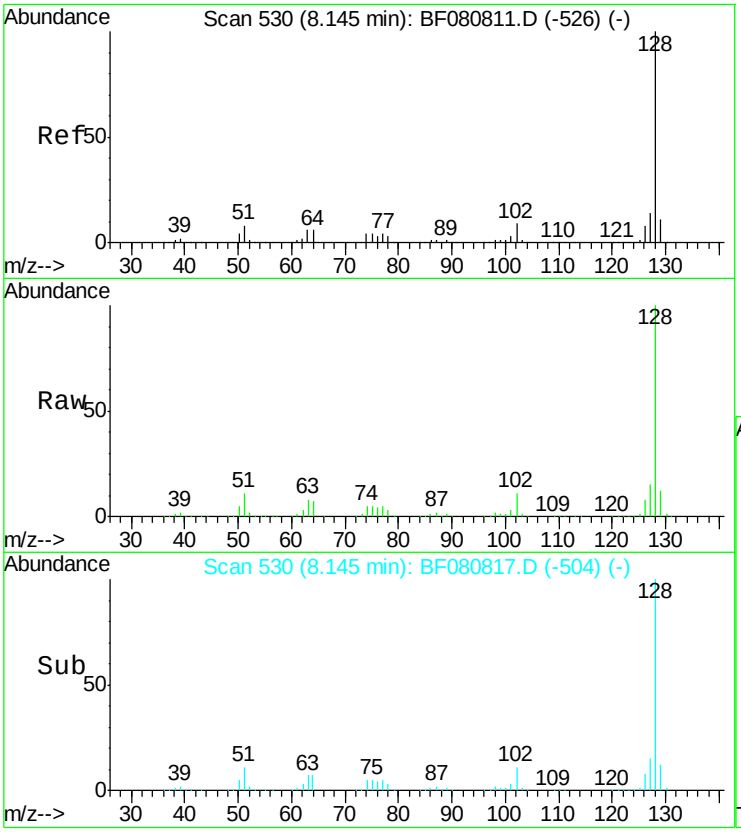


#30
1,2,4-Trichlorobenzene
Concen: 123.63 ng
RT: 8.06 min Scan# 523
Delta R.T. -0.00 min
Lab File: BF080817.D
Acq: 3 Aug 2015 23:35

Tgt Ion:180 Resp: 1101041

Ion	Ratio	Lower	Upper
180	100		
182	101.0	79.7	119.5
145	35.1	23.8	35.8

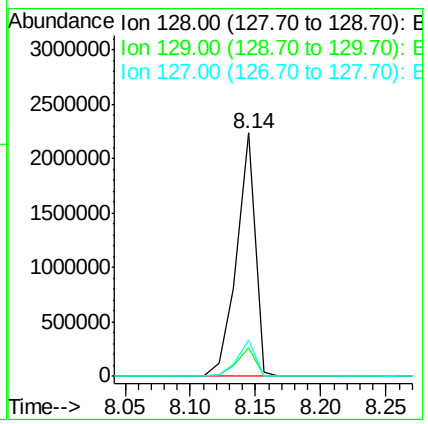




#31
Naphthalene
Concen: 77.38 ng
RT: 8.14 min Scan# 530
Delta R.T. -0.00 min
Lab File: BF080817.D
Acq: 3 Aug 2015 23:35

Tgt Ion:128 Resp: 2200538

Ion	Ratio	Lower	Upper
128	100		
129	12.0	9.1	13.7
127	14.7	10.8	16.2



Instrument :
BNA_F
ClientSampleId :
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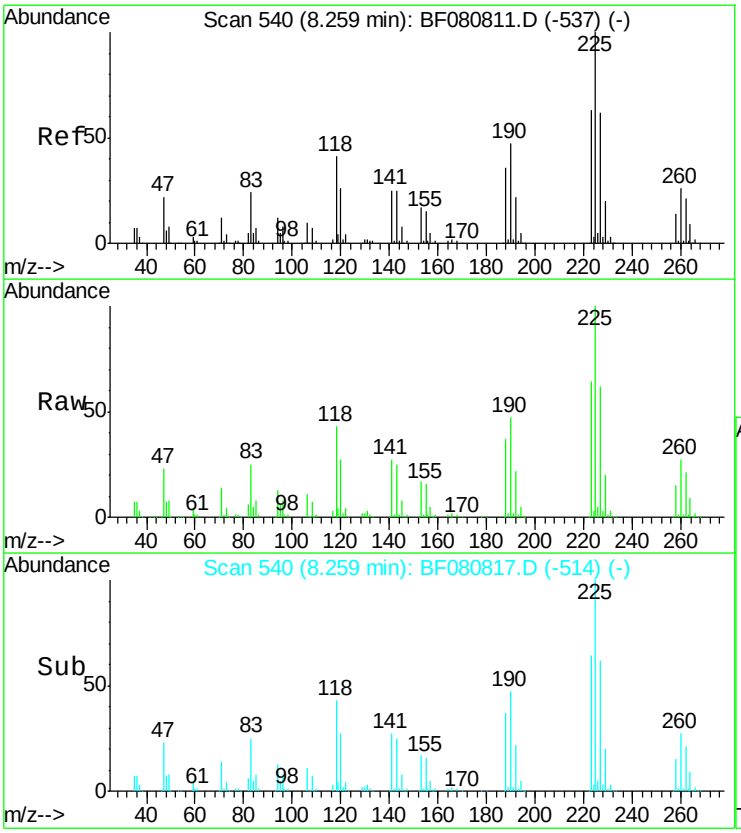
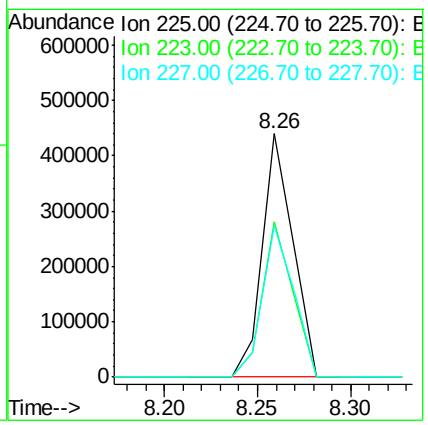
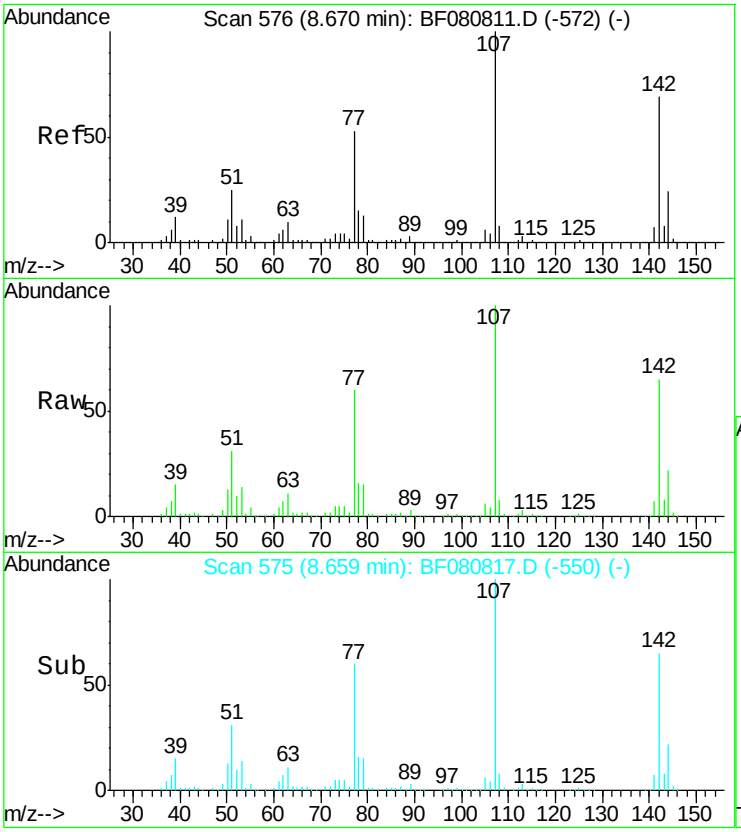


#34
Hexachlorobutadiene
Concen: 91.10 ng
RT: 8.26 min Scan# 540
Delta R.T. -0.00 min
Lab File: BF080817.D
Acq: 3 Aug 2015 23:35

Tgt Ion:225 Resp: 497722

Ion	Ratio	Lower	Upper
225	100		
223	63.9	50.2	75.2
227	62.4	49.7	74.5

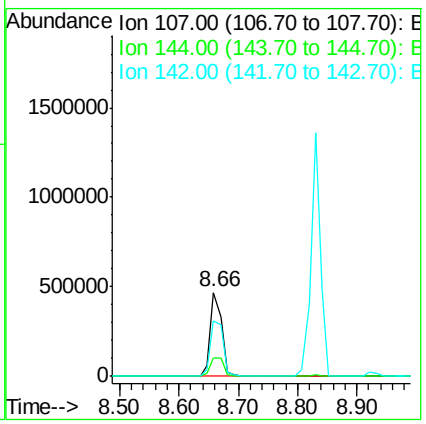




#36
4-Chloro-3-methylphenol
Concen: 73.10 ng
RT: 8.66 min Scan# 575
Delta R.T. -0.01 min
Lab File: BF080817.D
Acq: 3 Aug 2015 23:35

Tgt Ion:107 Resp: 635160

Ion	Ratio	Lower	Upper
107	100		
144	21.9	19.0	28.4
142	65.4	54.9	82.3



Instrument :
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ClientSampleId :
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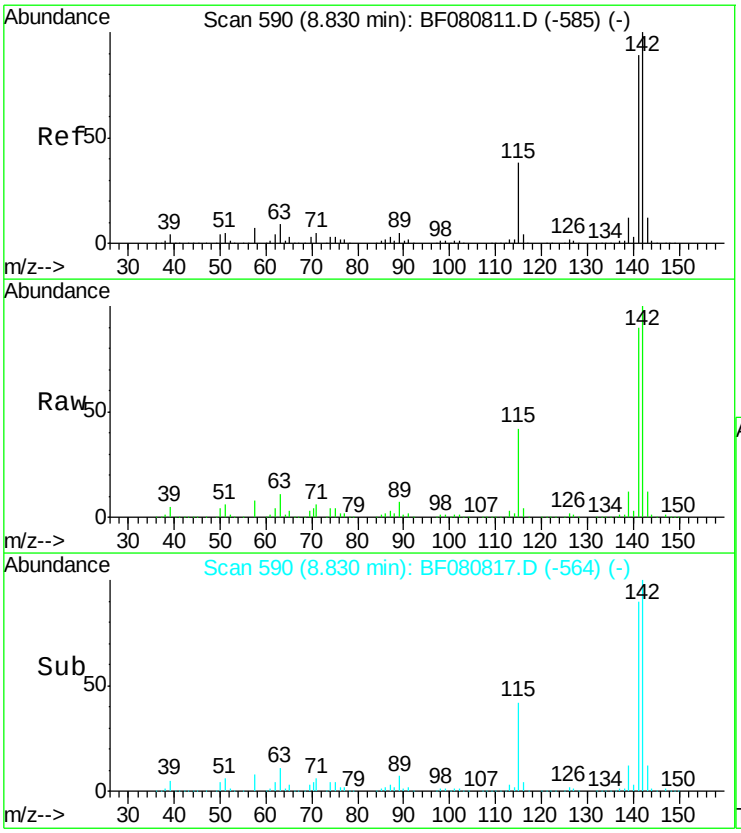
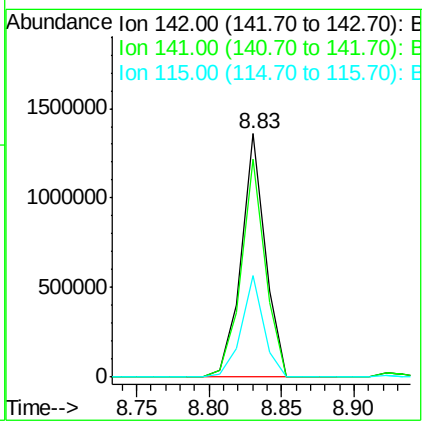
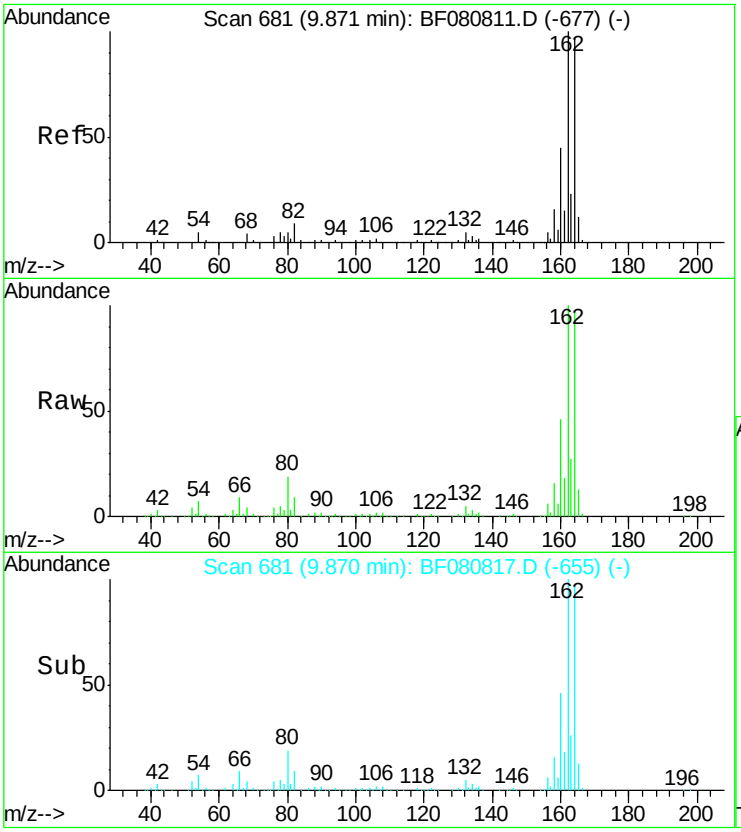


#37
2-Methylnaphthalene
Concen: 87.85 ng
RT: 8.83 min Scan# 590
Delta R.T. -0.00 min
Lab File: BF080817.D
Acq: 3 Aug 2015 23:35

Tgt Ion:142 Resp: 1565500

Ion	Ratio	Lower	Upper
142	100		
141	89.7	71.3	106.9
115	41.8	30.6	45.8

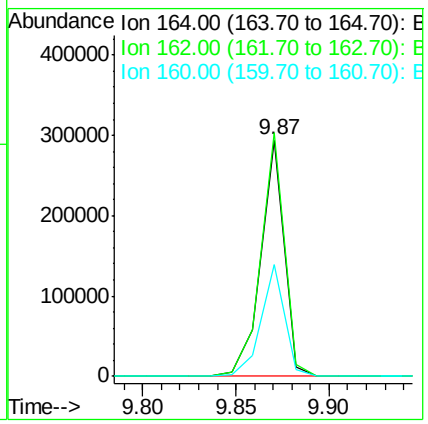




#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.87 min Scan# 681
Delta R.T. -0.00 min
Lab File: BF080817.D
Acq: 3 Aug 2015 23:35

Tgt Ion:164 Resp: 253189

Ion	Ratio	Lower	Upper
164	100		
162	102.9	82.3	123.5
160	47.2	37.3	55.9



Instrument :
BNA_F
ClientSampleId :
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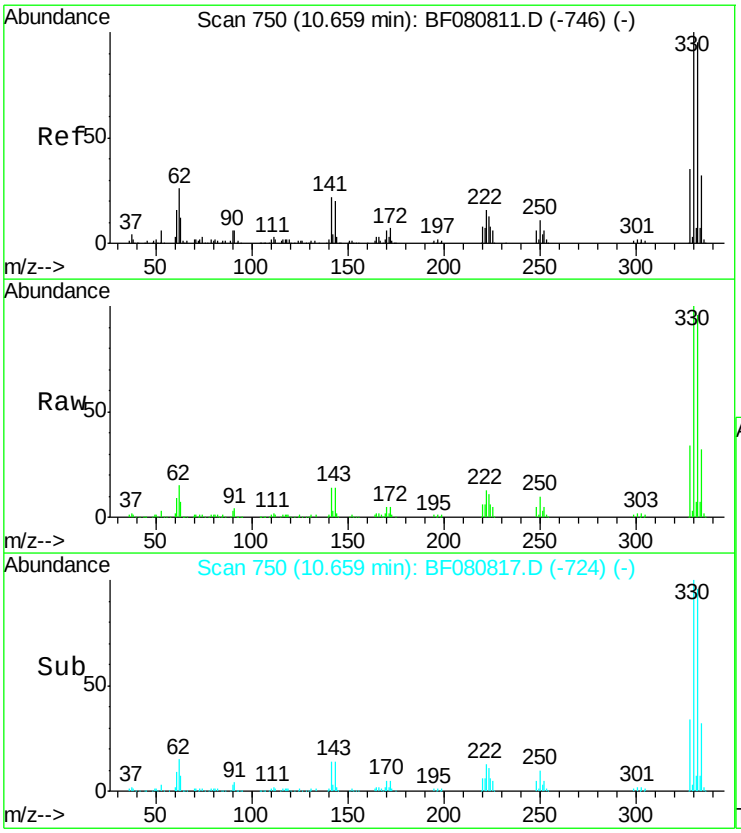
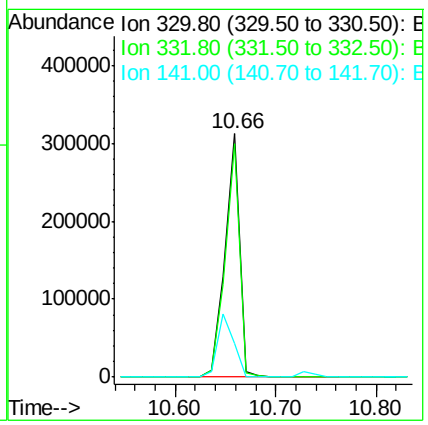
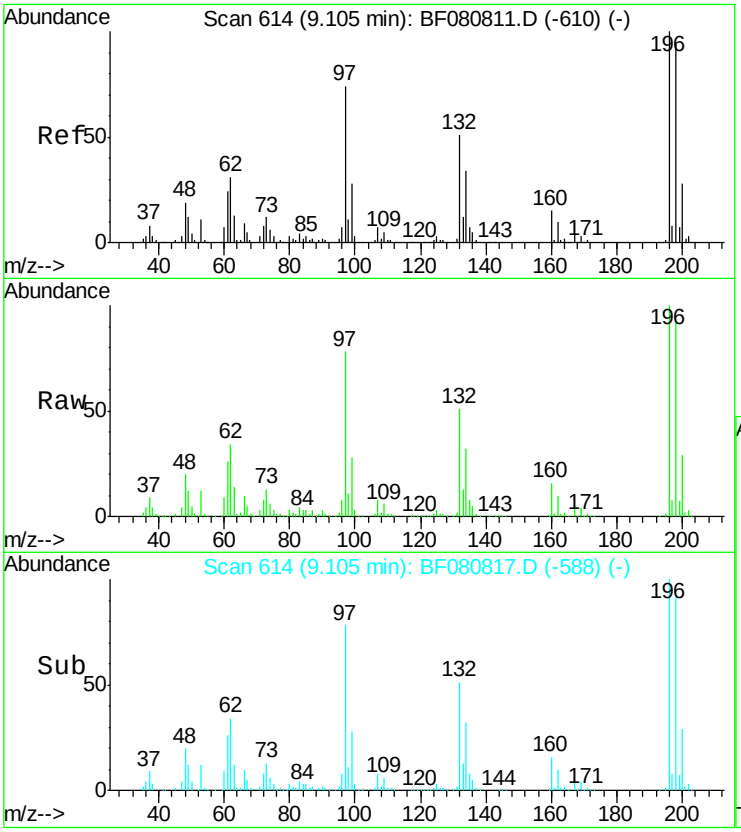


#41
2,4,6-Tribromophenol
Concen: 130.51 ng
RT: 10.66 min Scan# 750
Delta R.T. -0.00 min
Lab File: BF080817.D
Acq: 3 Aug 2015 23:35

Tgt Ion:330 Resp: 316640

Ion	Ratio	Lower	Upper
330	100		
332	94.8	76.2	114.4
141	29.2	25.4	38.0

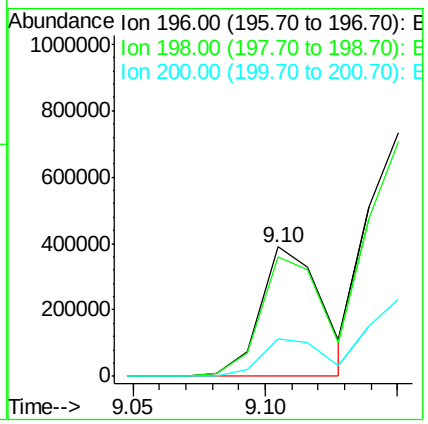




#42
2,4,6-Trichlorophenol
Concen: 109.36 ng m
RT: 9.10 min Scan# 614
Delta R.T. -0.00 min
Lab File: BF080817.D
Acq: 3 Aug 2015 23:35

Tgt Ion:196 Resp: 624371

Ion	Ratio	Lower	Upper
196	100		
198	92.1	75.3	112.9
200	29.2	22.7	34.1



Instrument :
BNA_F
ClientSampleId :
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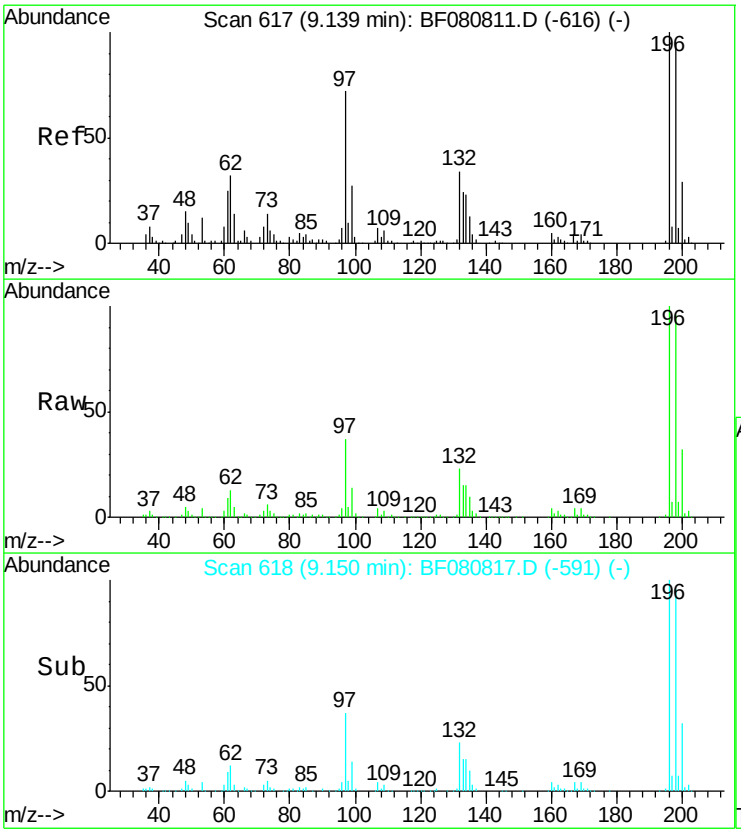
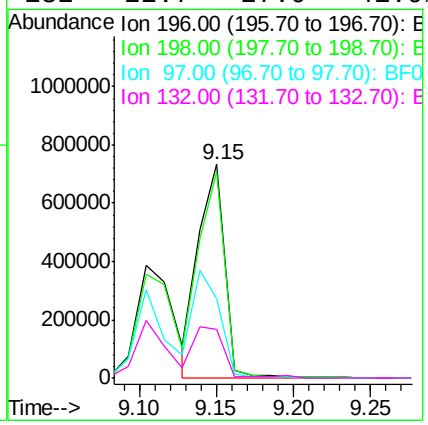
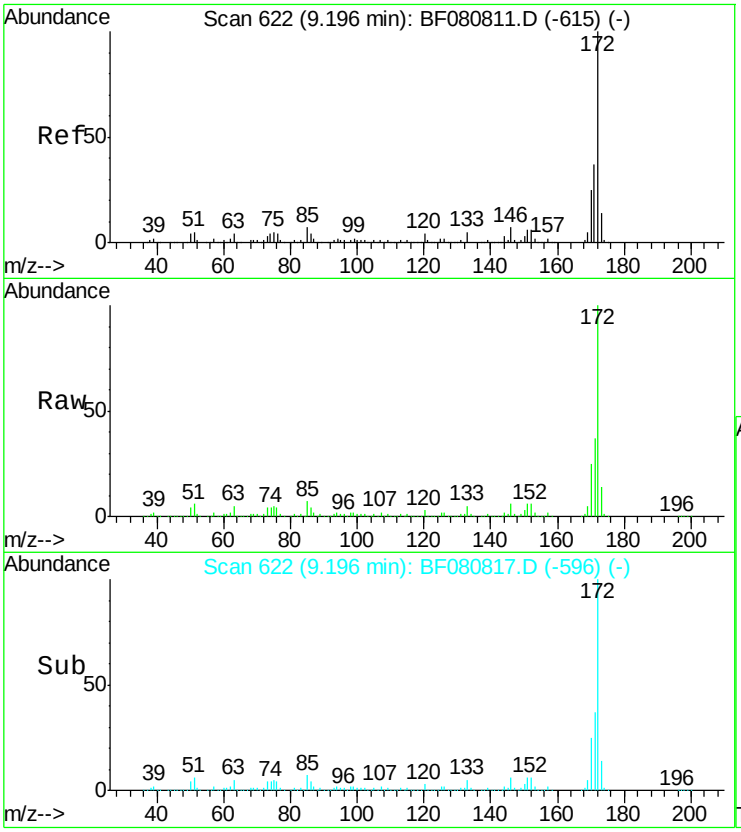


#43
2,4,5-Trichlorophenol
Concen: 159.62 ng m
RT: 9.15 min Scan# 618
Delta R.T. 0.01 min
Lab File: BF080817.D
Acq: 3 Aug 2015 23:35

Tgt Ion:196 Resp: 891936

Ion	Ratio	Lower	Upper
196	100		
198	96.4	76.3	114.5
97	37.0	58.8	88.2#
132	22.7	27.9	41.9#

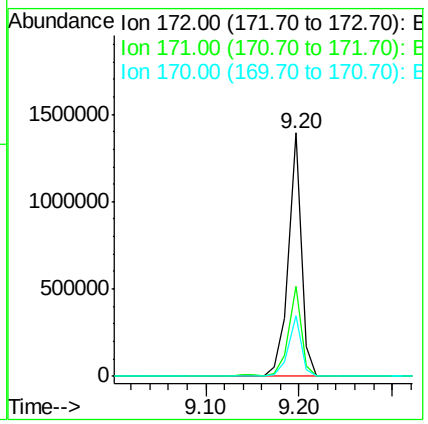




#44
2-Fluorobiphenyl
Concen: 80.03 ng
RT: 9.20 min Scan# 622
Delta R.T. -0.00 min
Lab File: BF080817.D
Acq: 3 Aug 2015 23:35

Tgt Ion:172 Resp: 1340455

Ion	Ratio	Lower	Upper
172	100		
171	36.7	30.0	45.0
170	24.9	20.2	30.4



Instrument :
BNA_F
ClientSampleId :
8524

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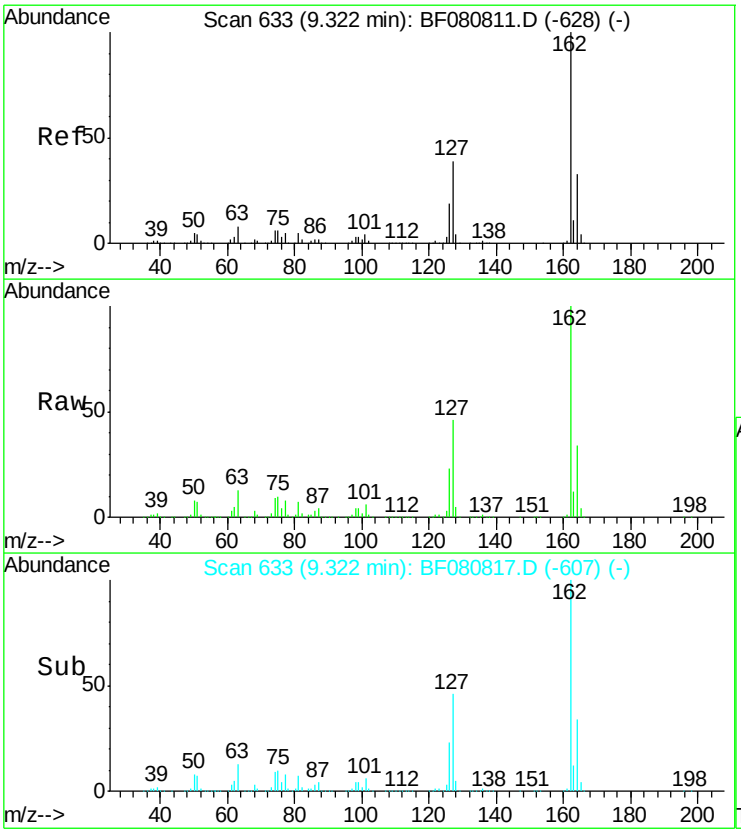
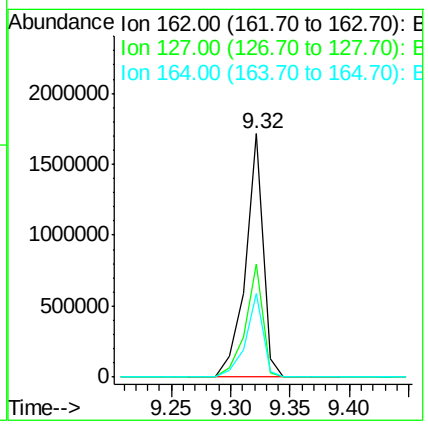
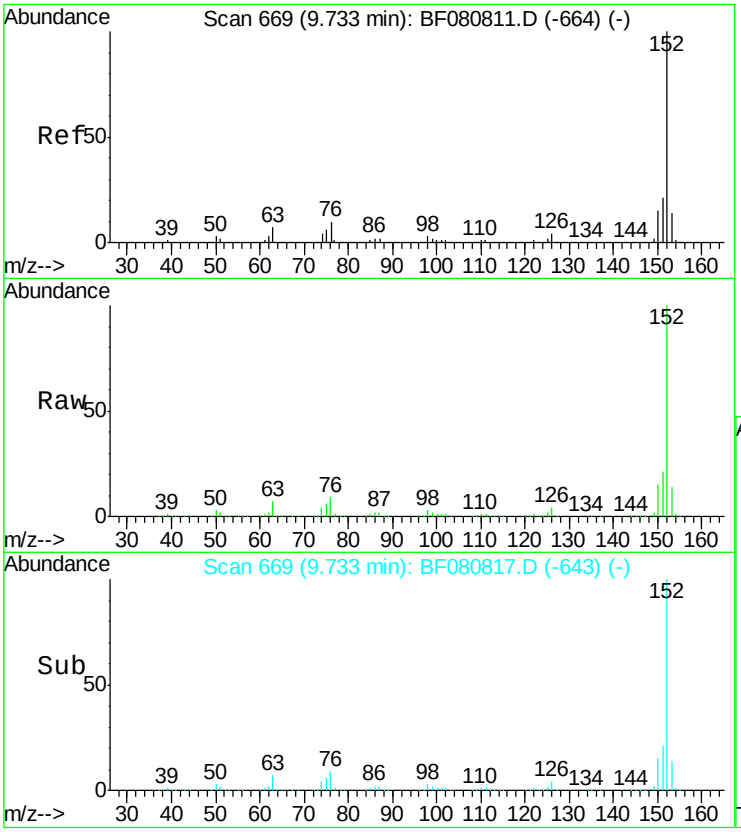


#46
2-Chloronaphthalene
Concen: 111.29 ng
RT: 9.32 min Scan# 633
Delta R.T. -0.00 min
Lab File: BF080817.D
Acq: 3 Aug 2015 23:35

Tgt Ion:162 Resp: 1770091

Ion	Ratio	Lower	Upper
162	100		
127	46.2	31.0	46.6
164	34.4	26.8	40.2

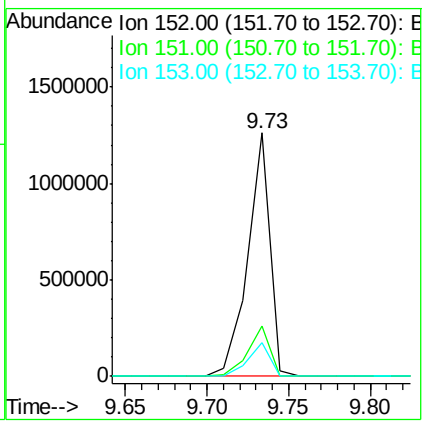




#48
Acenaphthylene
Concen: 47.60 ng
RT: 9.73 min Scan# 669
Delta R.T. -0.00 min
Lab File: BF080817.D
Acq: 3 Aug 2015 23:35

Tgt Ion:152 Resp: 1180583

Ion	Ratio	Lower	Upper
152	100		
151	20.8	16.8	25.2
153	13.8	11.0	16.4



Instrument :
BNA_F
ClientSampleId :
8524

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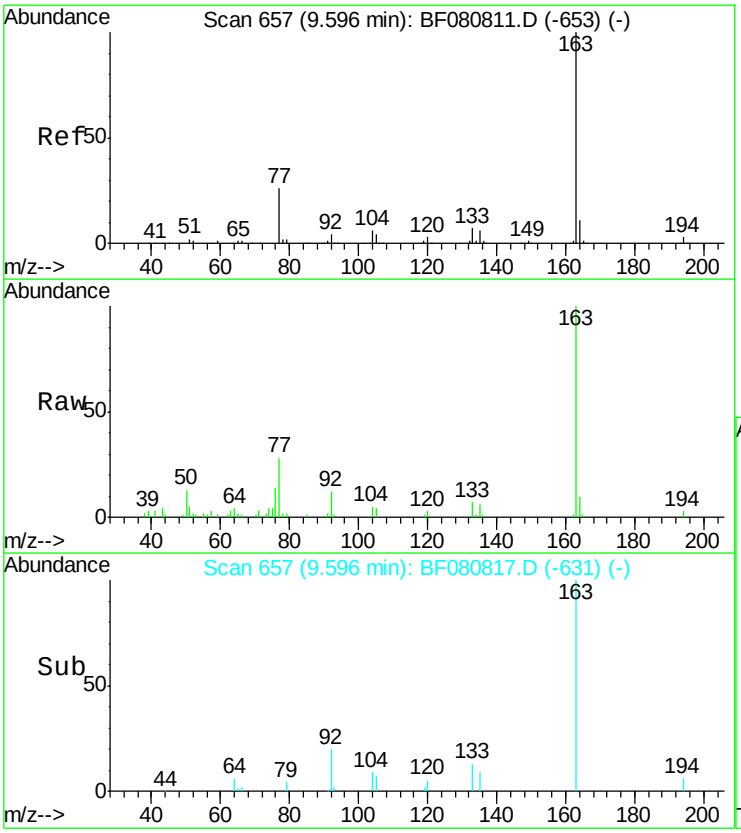
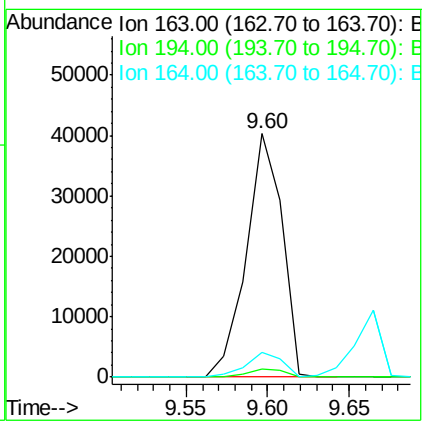
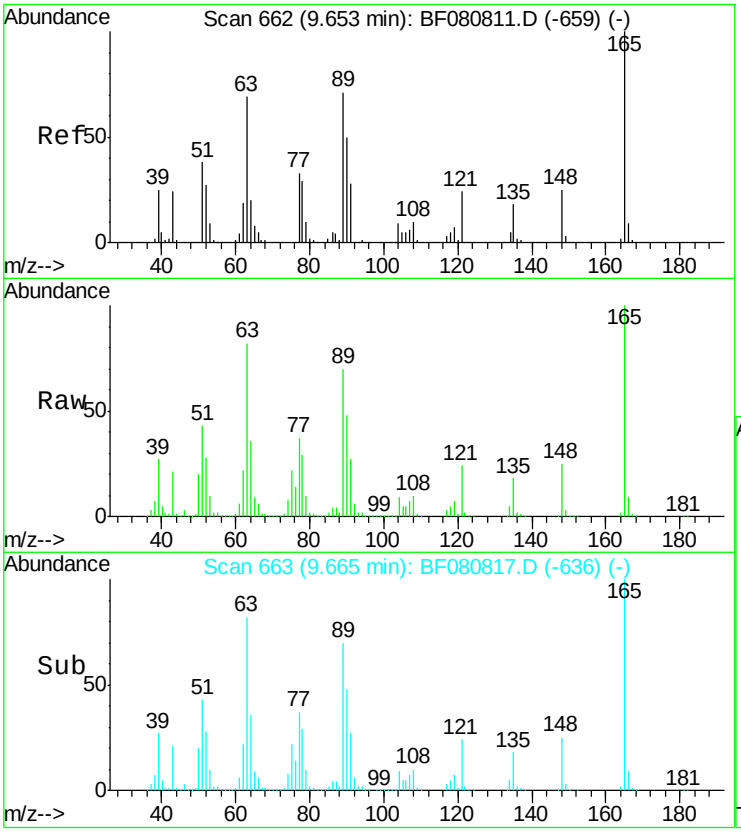


#49
Dimethylphthalate
Concen: 3.62 ng
RT: 9.60 min Scan# 657
Delta R.T. -0.00 min
Lab File: BF080817.D
Acq: 3 Aug 2015 23:35

Tgt Ion:163 Resp: 61312

Ion	Ratio	Lower	Upper
163	100		
194	3.3	2.7	4.1
164	10.2	8.5	12.7

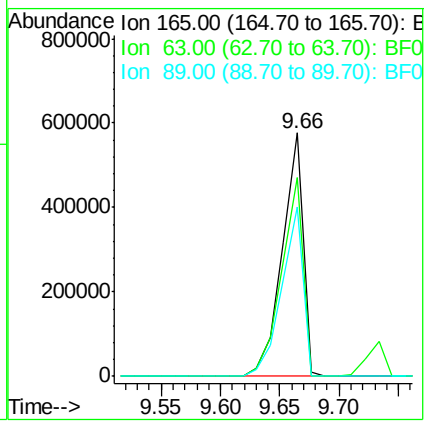




#50
2,6-Dinitrotoluene
Concen: 191.28 ng
RT: 9.66 min Scan# 663
Delta R.T. 0.01 min
Lab File: BF080817.D
Acq: 3 Aug 2015 23:35

Tgt Ion:165 Resp: 696830

Ion	Ratio	Lower	Upper
165	100		
63	81.6	68.2	102.4
89	69.7	56.9	85.3



Instrument :
BNA_F
ClientSampleId :
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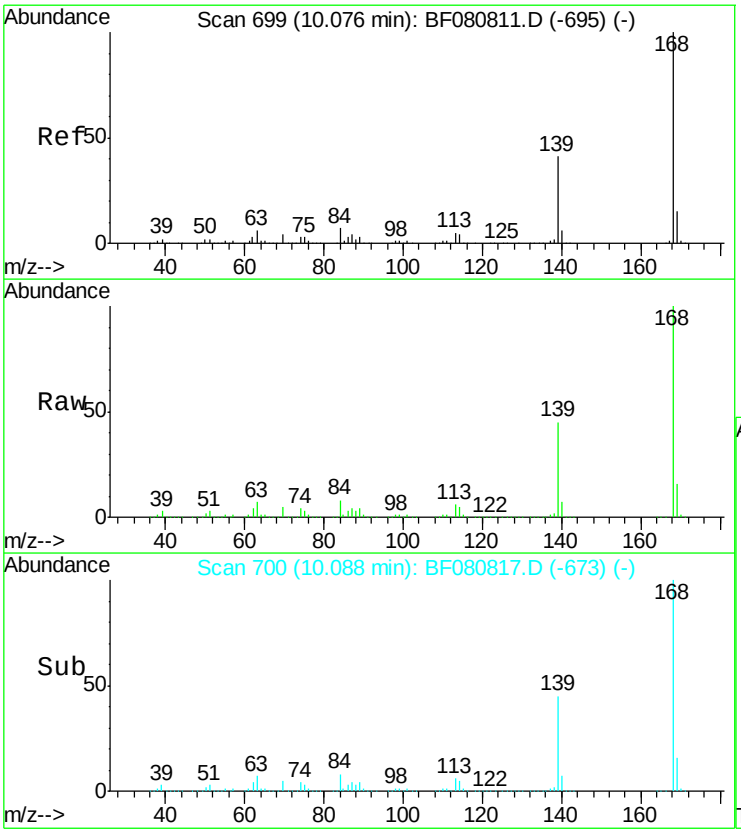
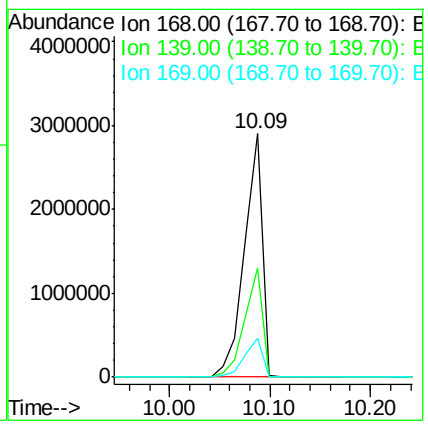
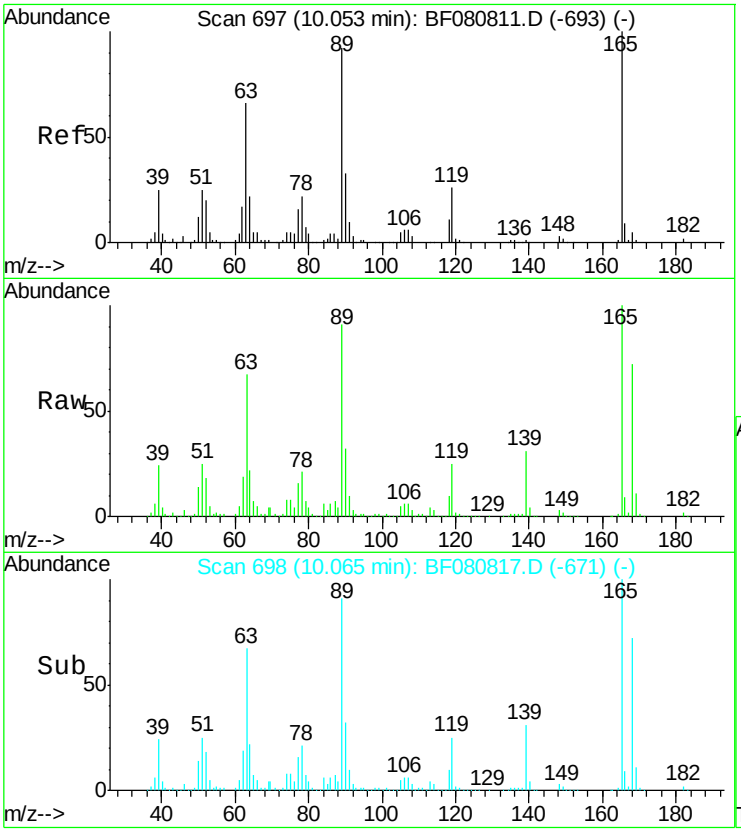


#54
Dibenzofuran
Concen: 181.63 ng
RT: 10.09 min Scan# 700
Delta R.T. 0.01 min
Lab File: BF080817.D
Acq: 3 Aug 2015 23:35

Tgt Ion:168 Resp: 3592620

Ion	Ratio	Lower	Upper
168	100		
139	45.1	32.8	49.2
169	16.0	11.6	17.4

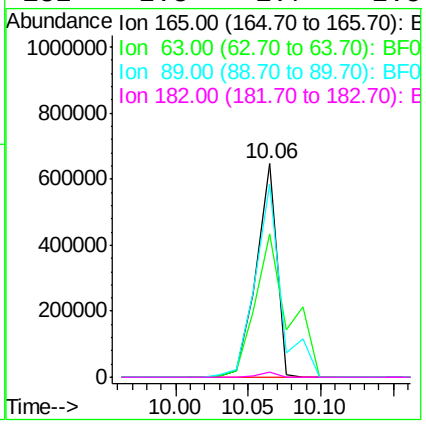




#56
2,4-Dinitrotoluene
Concen: 138.72 ng
RT: 10.06 min Scan# 698
Delta R.T. 0.01 min
Lab File: BF080817.D
Acq: 3 Aug 2015 23:35

Tgt Ion:165 Resp: 638909

Ion	Ratio	Lower	Upper
165	100		
63	67.1	53.3	79.9
89	90.5	73.5	110.3
182	2.3	1.7	2.5



Instrument :
BNA_F
ClientSampleId :
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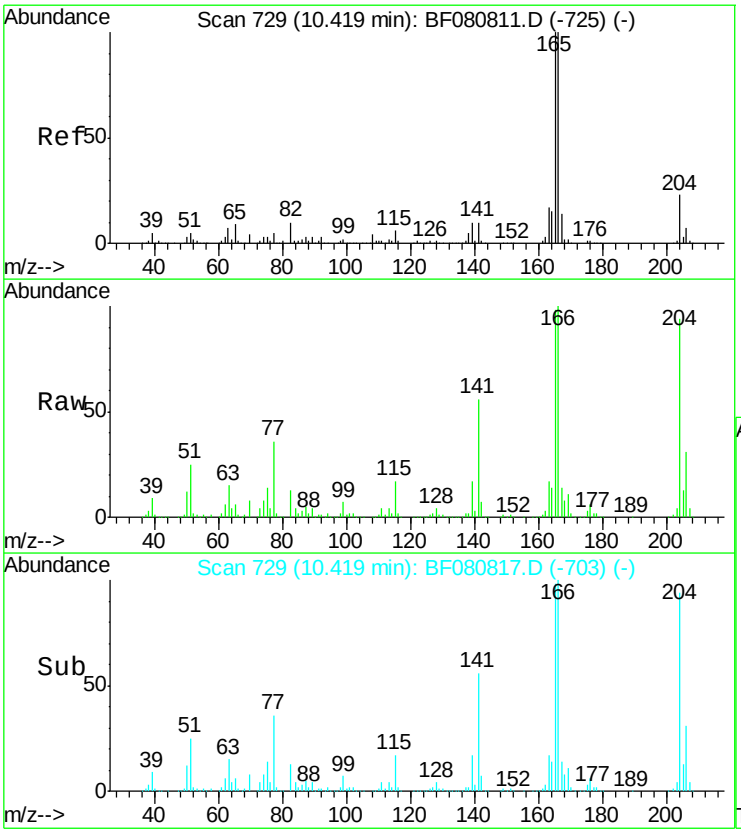
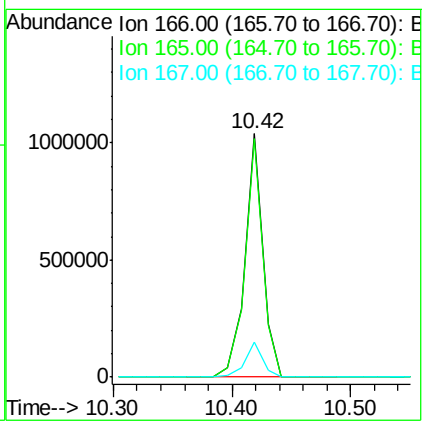
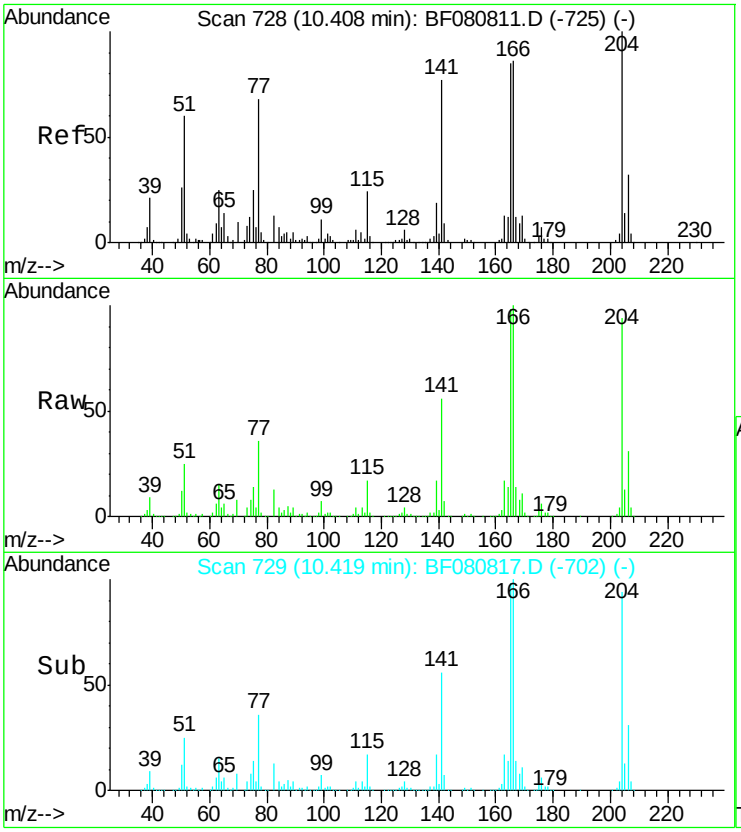


#57
Fluorene
Concen: 71.45 ng
RT: 10.42 min Scan# 729
Delta R.T. -0.00 min
Lab File: BF080817.D
Acq: 3 Aug 2015 23:35

Tgt Ion:166 Resp: 1096493

Ion	Ratio	Lower	Upper
166	100		
165	97.8	79.9	119.9
167	14.3	10.8	16.2





#60
4-Chlorophenyl-phenylether
Concen: 123.06 ng
RT: 10.42 min Scan# 729
Delta R.T. 0.01 min
Lab File: BF080817.D
Acq: 3 Aug 2015 23:35

Tgt Ion:204 Resp: 926271

Ion	Ratio	Lower	Upper
204	100		
206	33.5	25.6	38.4
141	59.5	61.2	91.8#

Instrument :
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ClientSampleId :
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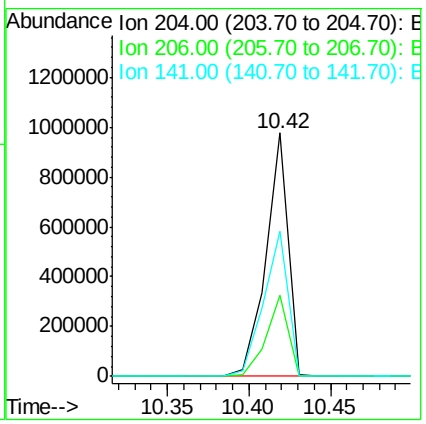
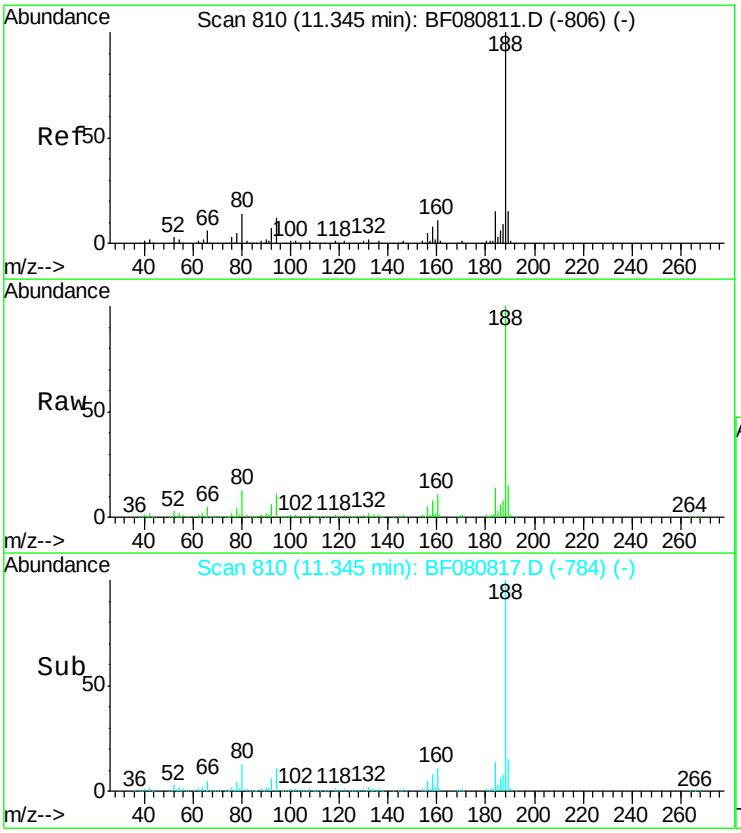
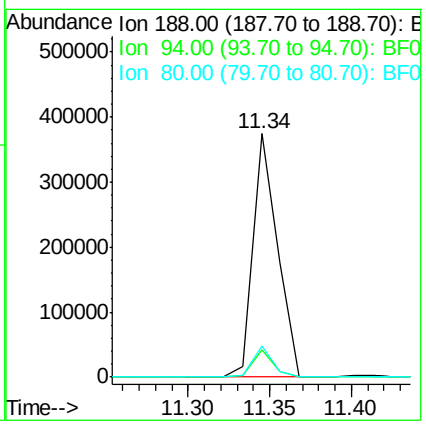


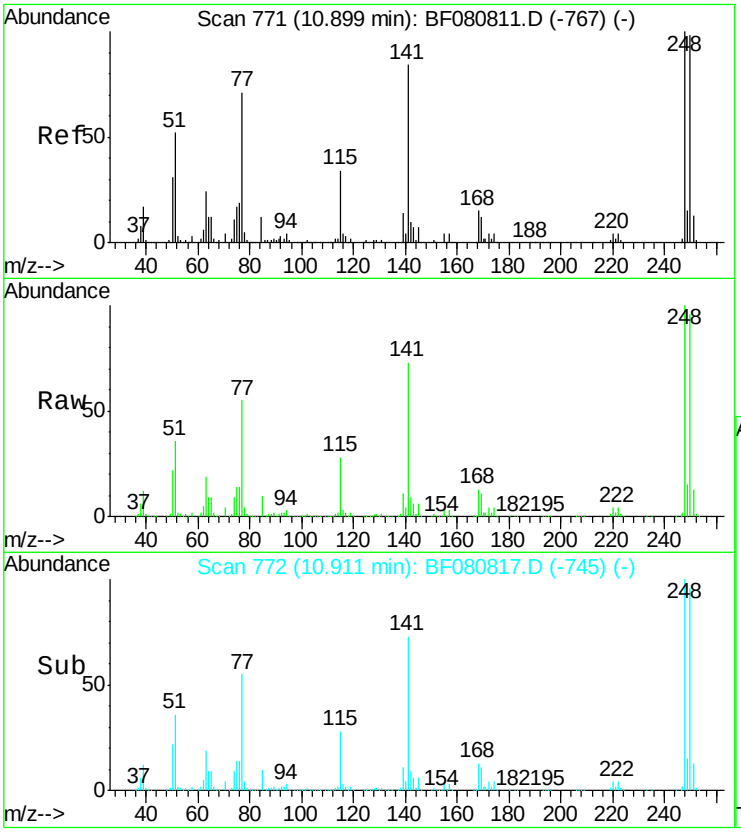


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.34 min Scan# 810
Delta R.T. -0.00 min
Lab File: BF080817.D
Acq: 3 Aug 2015 23:35

Tgt Ion:188 Resp: 391063

Ion	Ratio	Lower	Upper
188	100		
94	11.3	9.7	14.5
80	12.6	11.2	16.8

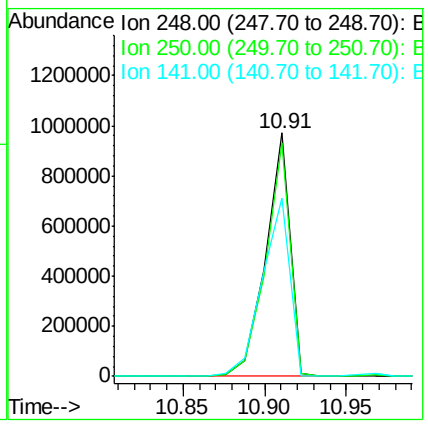




#66
4-Bromophenyl-phenylether
Concen: 236.75 ng
RT: 10.91 min Scan# 772
Delta R.T. 0.01 min
Lab File: BF080817.D
Acq: 3 Aug 2015 23:35

Tgt Ion:248 Resp: 1017277

Ion	Ratio	Lower	Upper
248	100		
250	96.1	78.4	117.6
141	73.1	67.3	100.9



Instrument :
BNA_F
ClientSampleId :
8524

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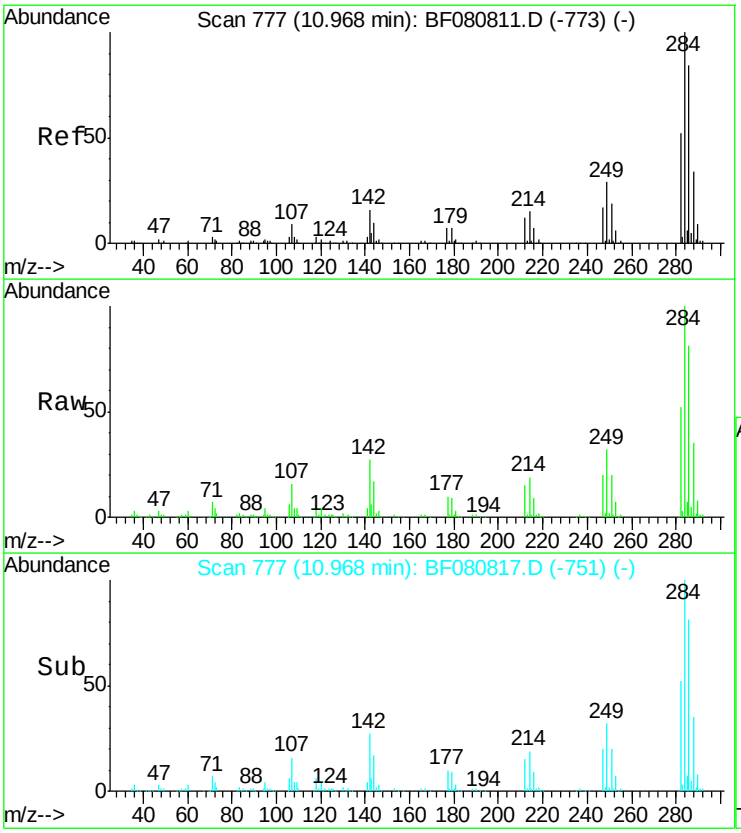
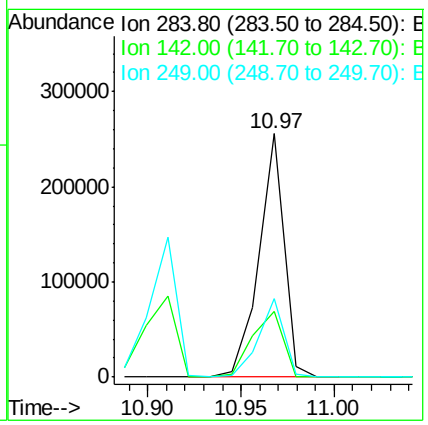
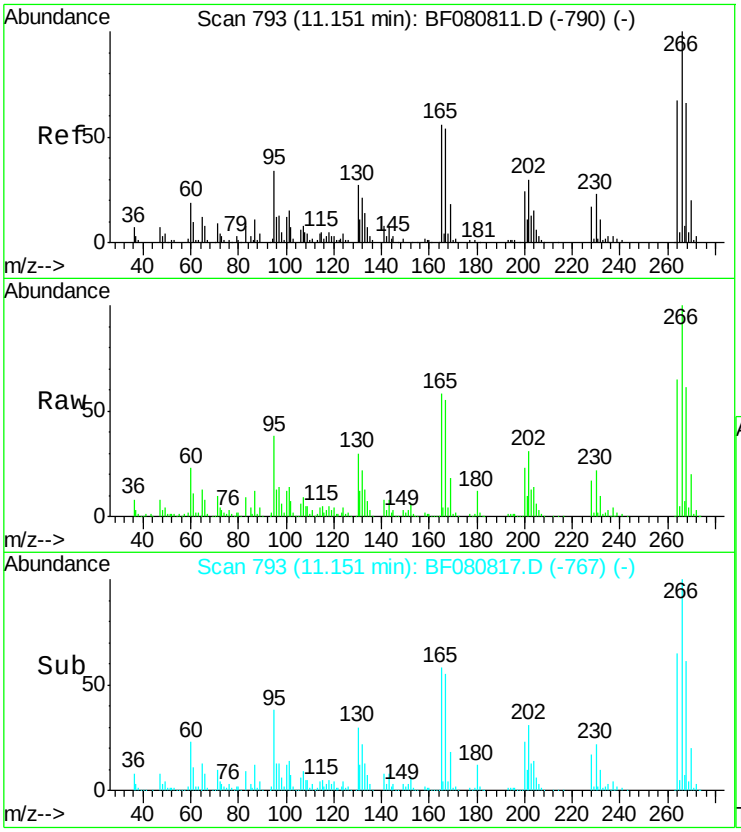


#67
Hexachlorobenzene
Concen: 48.72 ng
RT: 10.97 min Scan# 777
Delta R.T. -0.00 min
Lab File: BF080817.D
Acq: 3 Aug 2015 23:35

Tgt Ion:284 Resp: 236986

Ion	Ratio	Lower	Upper
284	100		
142	27.0	13.0	19.4#
249	32.1	22.9	34.3

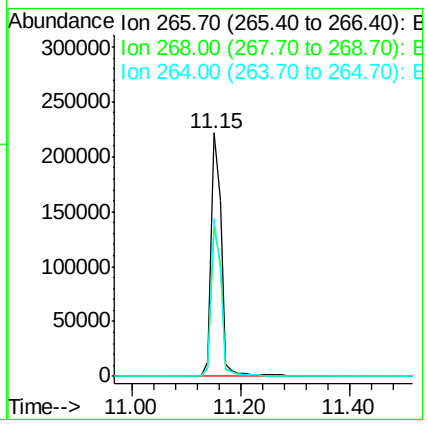




#69
Pentachlorophenol
Concen: 113.87 ng
RT: 11.15 min Scan# 793
Delta R.T. -0.00 min
Lab File: BF080817.D
Acq: 3 Aug 2015 23:35

Tgt Ion:266 Resp: 295645

Ion	Ratio	Lower	Upper
266	100		
268	61.1	52.7	79.1
264	64.8	53.4	80.0



Instrument :
BNA_F
ClientSampleId :
8524

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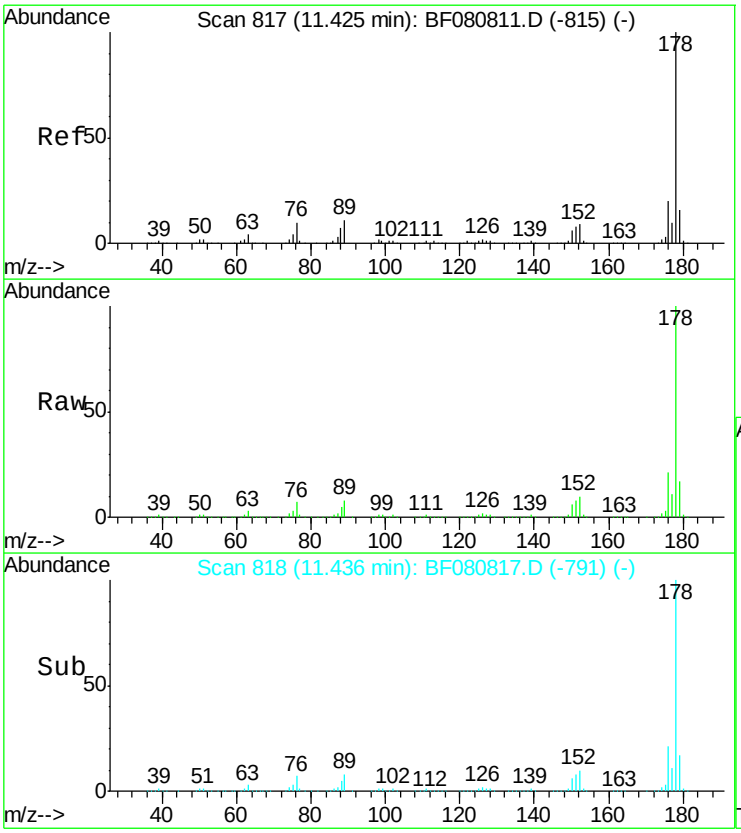
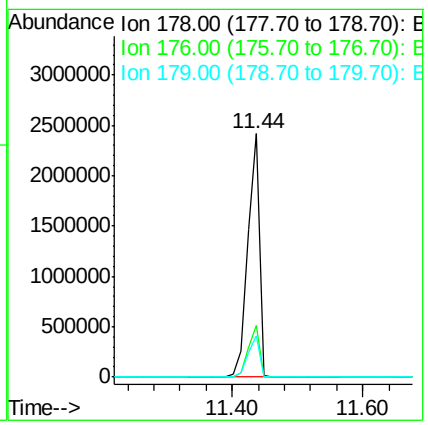
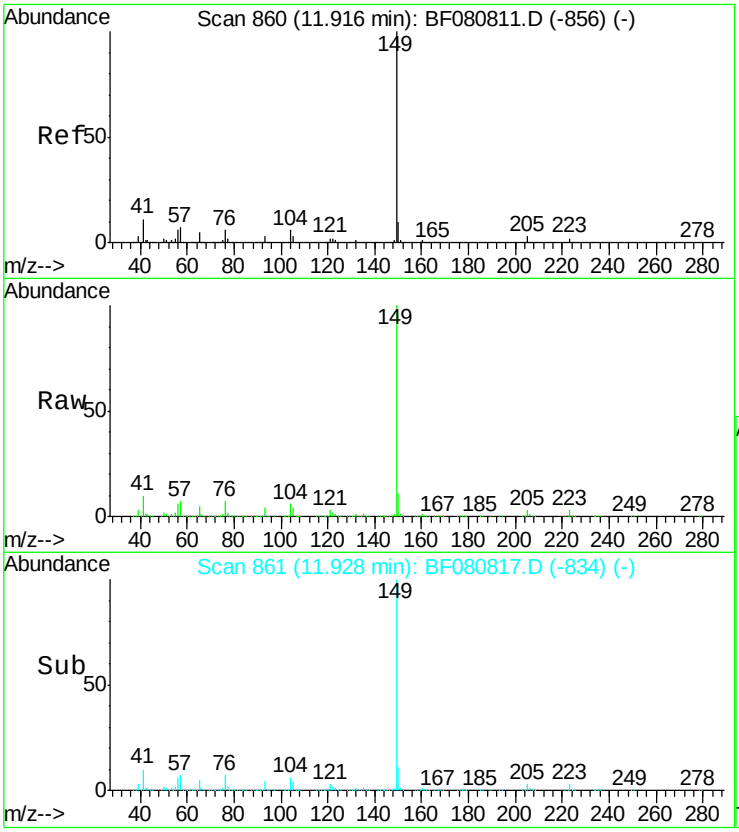


#71
Anthracene
Concen: 143.39 ng
RT: 11.44 min Scan# 818
Delta R.T. 0.01 min
Lab File: BF080817.D
Acq: 3 Aug 2015 23:35

Tgt Ion:178 Resp: 2878954

Ion	Ratio	Lower	Upper
178	100		
176	21.1	15.8	23.8
179	16.8	13.0	19.4

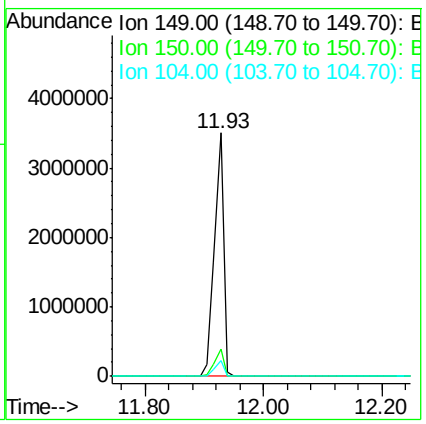




#73
Di-n-butylphthalate
Concen: 178.62 ng
RT: 11.93 min Scan# 861
Delta R.T. 0.01 min
Lab File: BF080817.D
Acq: 3 Aug 2015 23:35

Tgt Ion:149 Resp: 3718465

Ion	Ratio	Lower	Upper
149	100		
150	11.3	7.8	11.8
104	6.4	4.6	6.8



Instrument :
BNA_F
ClientSampleId :
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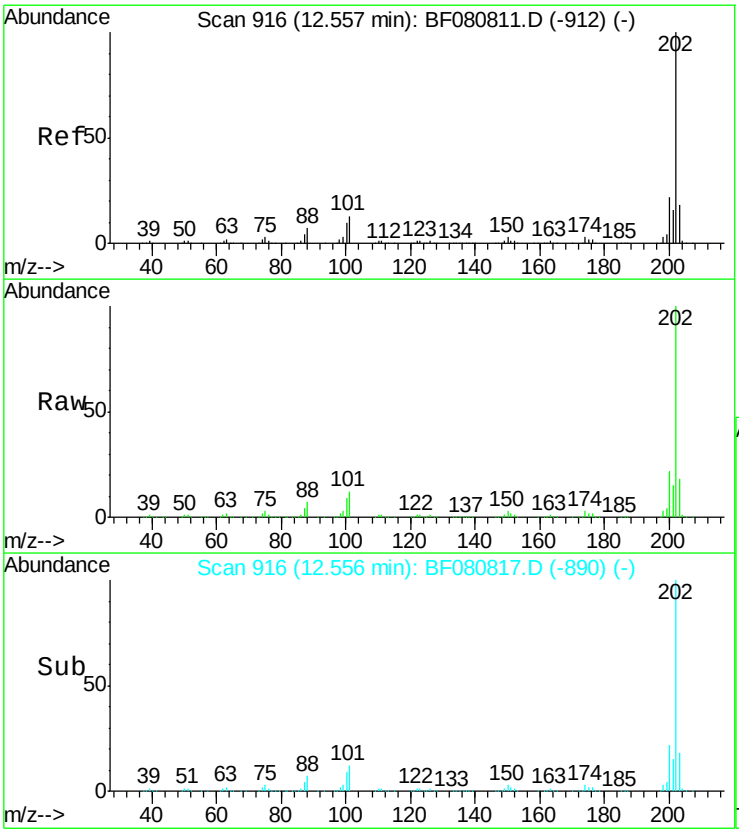
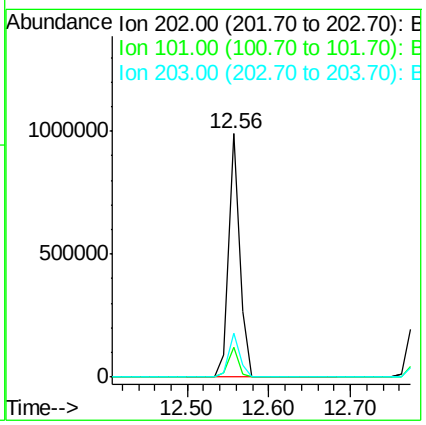
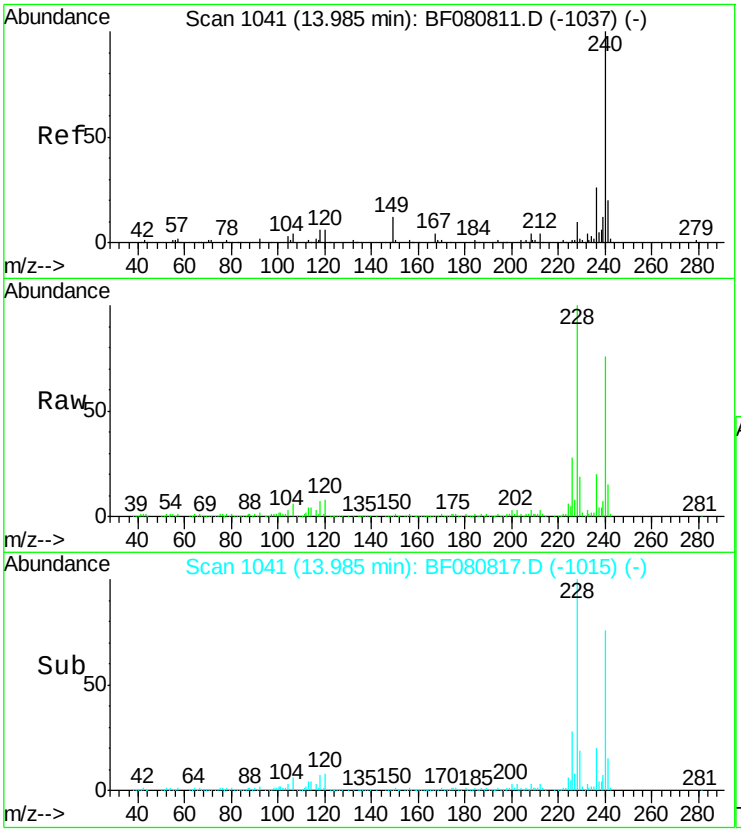


#74
Fluoranthene
Concen: 47.99 ng
RT: 12.56 min Scan# 916
Delta R.T. -0.00 min
Lab File: BF080817.D
Acq: 3 Aug 2015 23:35

Tgt Ion:202 Resp: 934802

Ion	Ratio	Lower	Upper
202	100		
101	12.3	0.0	33.0
203	18.1	0.0	38.1

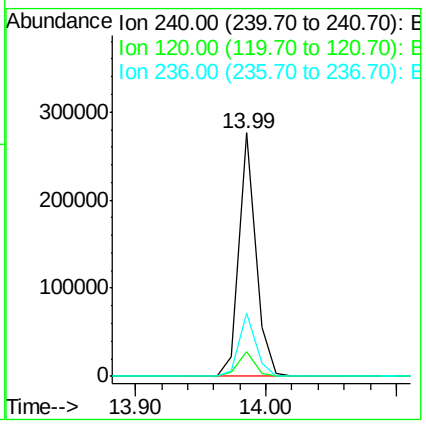




#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.99 min Scan# 1041
Delta R.T. -0.00 min
Lab File: BF080817.D
Acq: 3 Aug 2015 23:35

Tgt Ion:240 Resp: 246876

Ion	Ratio	Lower	Upper
240	100		
120	10.3	5.0	7.4#
236	25.9	20.8	31.2



Instrument :
BNA_F
ClientSampleId :
8524

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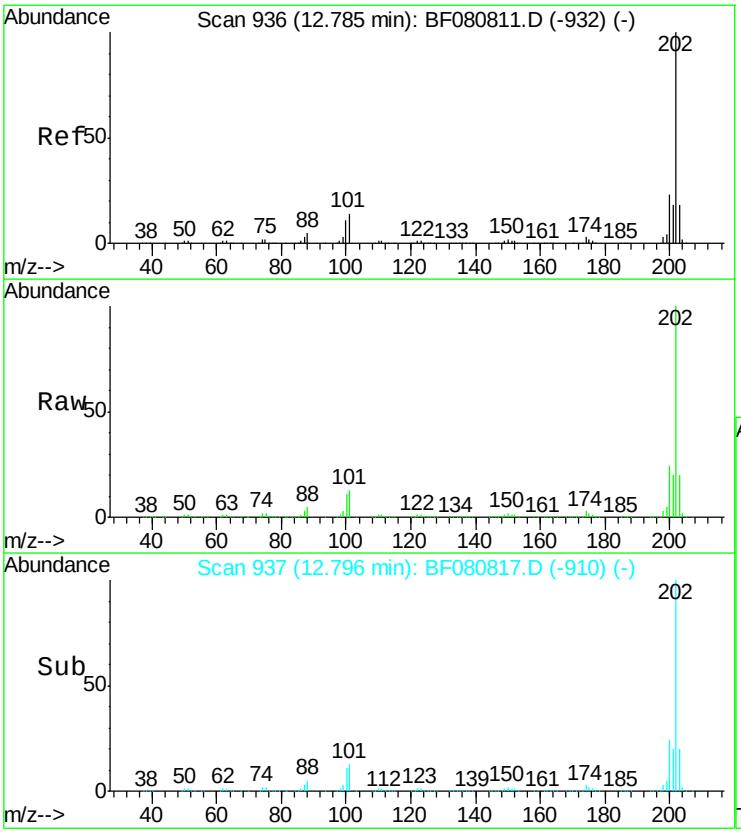
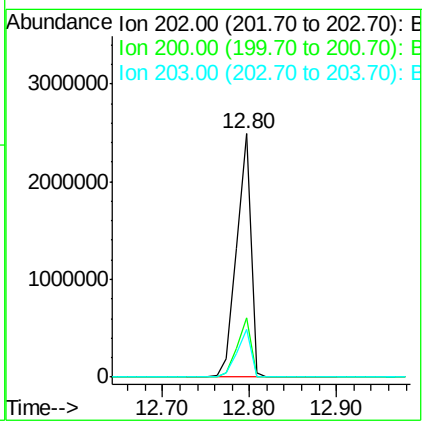
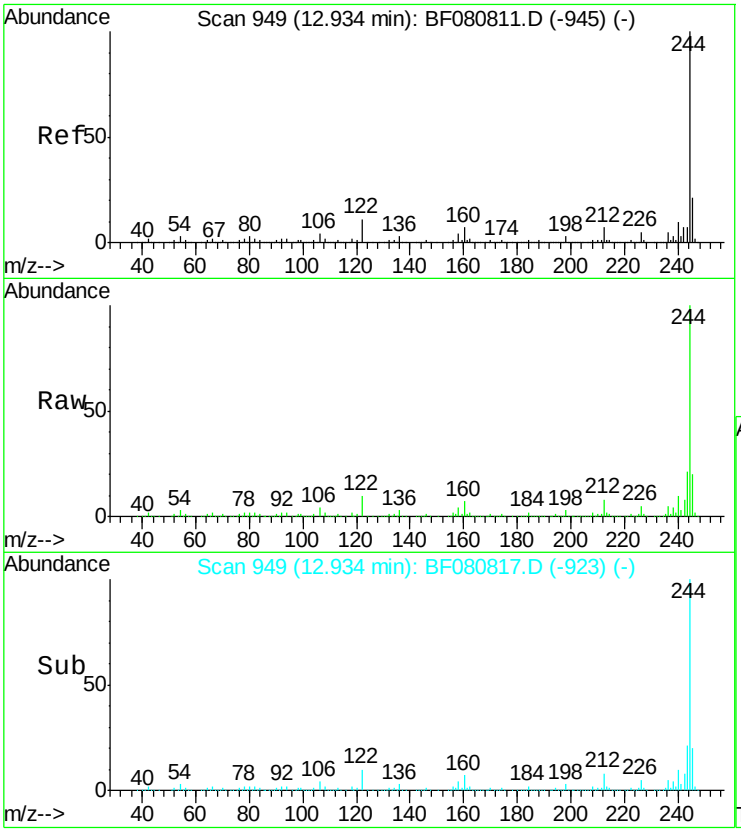


#77
Pyrene
Concen: 152.65 ng
RT: 12.80 min Scan# 937
Delta R.T. 0.01 min
Lab File: BF080817.D
Acq: 3 Aug 2015 23:35

Tgt Ion:202 Resp: 2793379

Ion	Ratio	Lower	Upper
202	100		
200	24.1	18.2	27.4
203	19.7	14.8	22.2

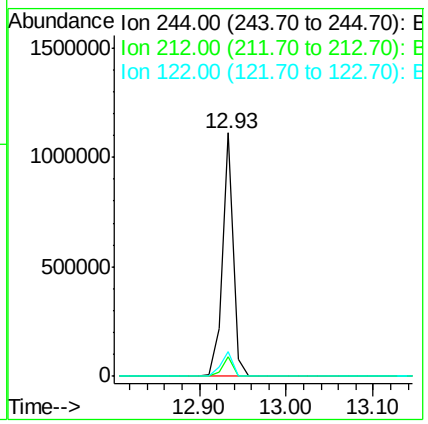




#78
Terphenyl-d14
Concen: 78.51 ng
RT: 12.93 min Scan# 949
Delta R.T. -0.00 min
Lab File: BF080817.D
Acq: 3 Aug 2015 23:35

Tgt Ion:244 Resp: 972604

Ion	Ratio	Lower	Upper
244	100		
212	7.8	5.8	8.8
122	10.4	9.1	13.7



Instrument :
BNA_F
ClientSampleId :
8524

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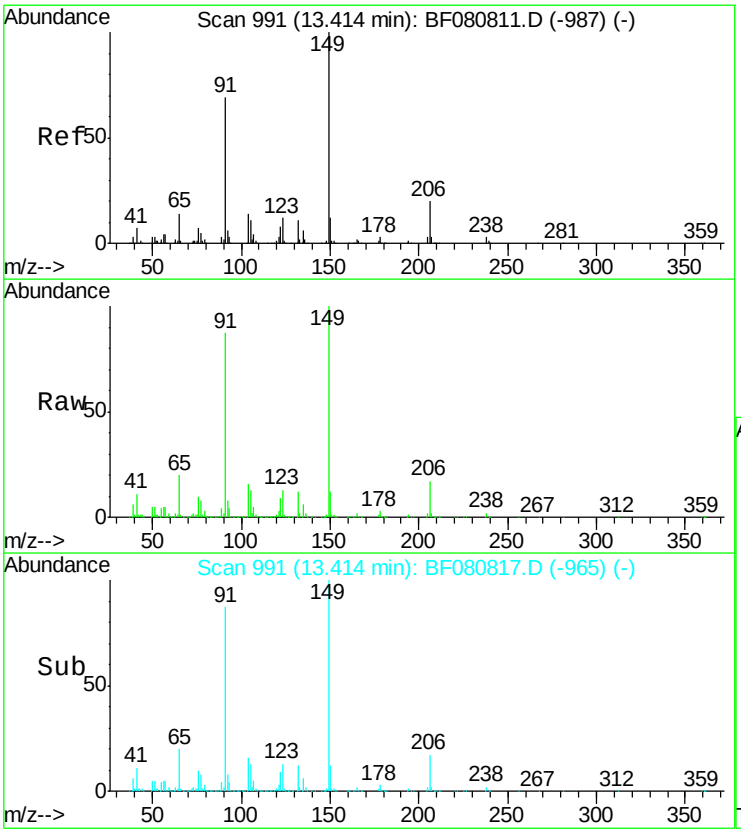
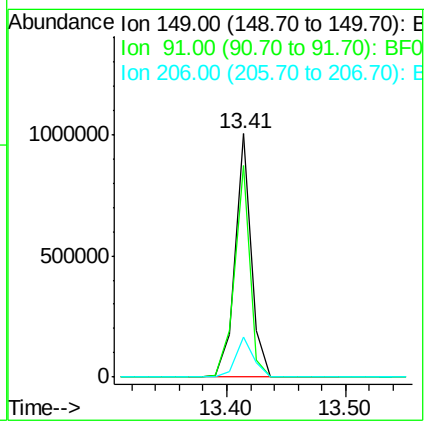
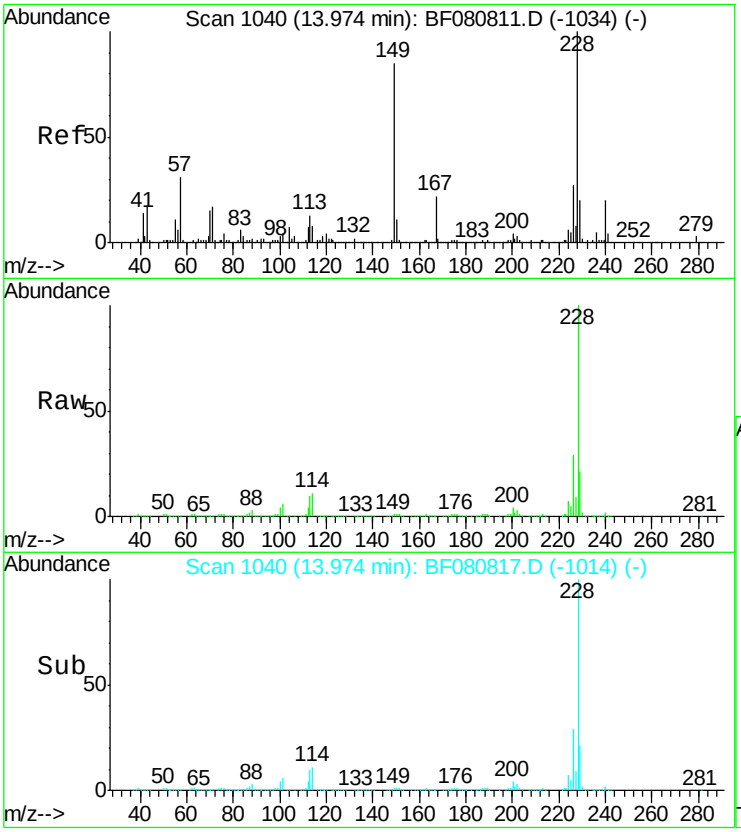


#79
Butylbenzylphthalate
Concen: 131.23 ng
RT: 13.41 min Scan# 991
Delta R.T. -0.00 min
Lab File: BF080817.D
Acq: 3 Aug 2015 23:35

Tgt Ion:149 Resp: 945804

Ion	Ratio	Lower	Upper
149	100		
91	86.8	55.4	83.2#
206	16.7	15.8	23.6

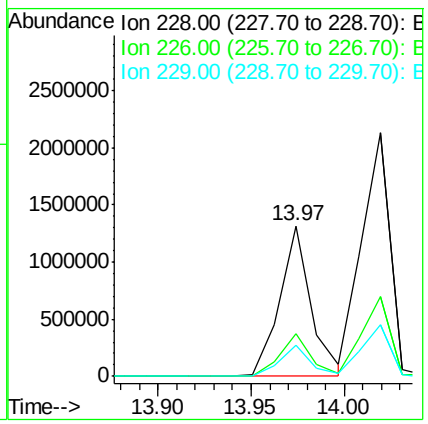




#80
Benzo(a)anthracene
Concen: 109.64 ng
RT: 13.97 min Scan# 1040
Delta R.T. -0.00 min
Lab File: BF080817.D
Acq: 3 Aug 2015 23:35

Tgt Ion:228 Resp: 1545281

Ion	Ratio	Lower	Upper
228	100		
226	28.6	21.6	32.4
229	20.7	15.7	23.5



Instrument :
BNA_F
ClientSampleId :
8524

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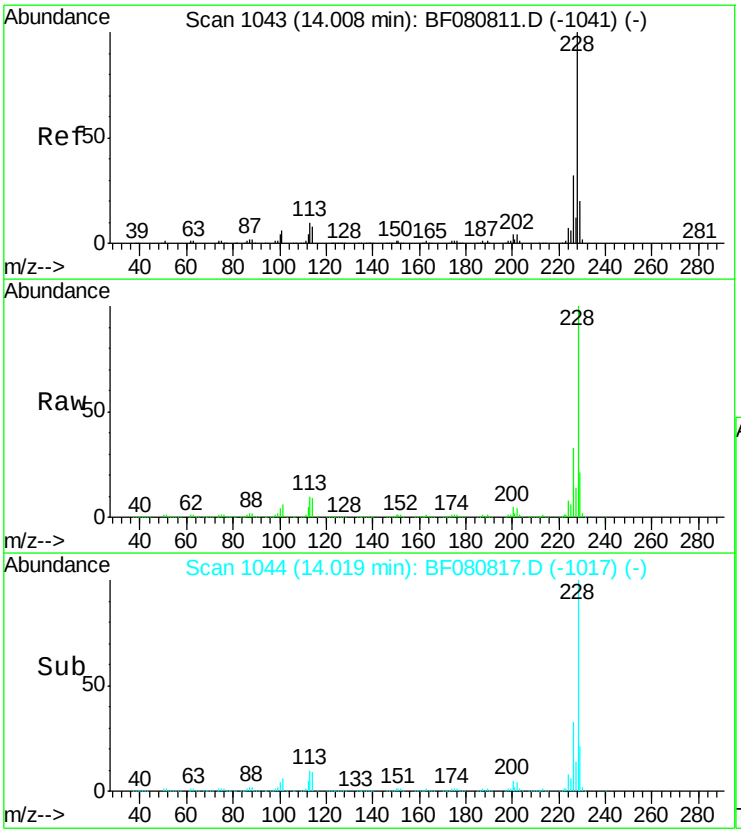
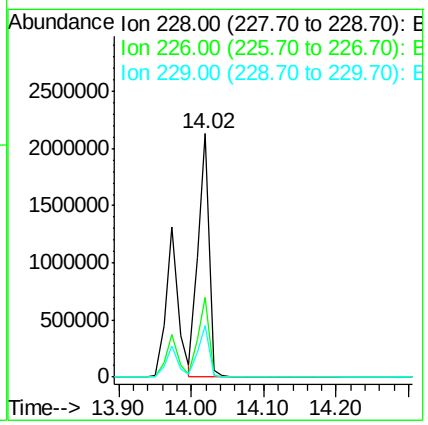
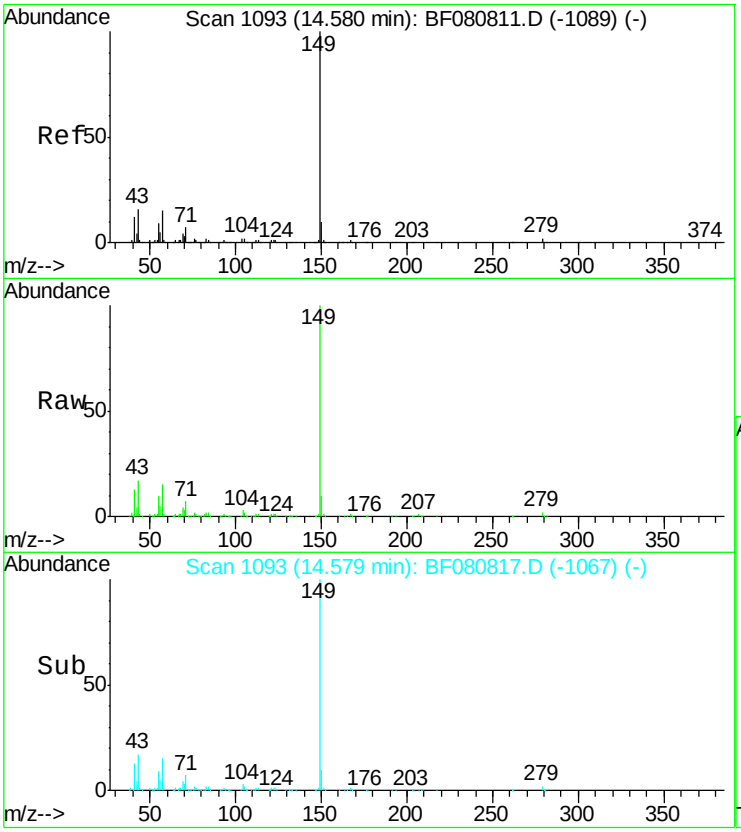


#82
Chrysene
Concen: 163.94 ng
RT: 14.02 min Scan# 1044
Delta R.T. 0.01 min
Lab File: BF080817.D
Acq: 3 Aug 2015 23:35

Tgt Ion:228 Resp: 2245832

Ion	Ratio	Lower	Upper
228	100		
226	32.9	25.0	37.6
229	21.4	16.1	24.1

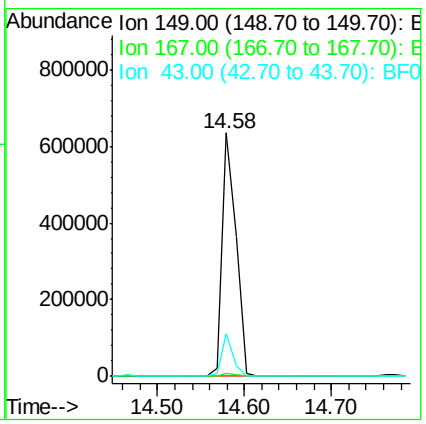




#84
Di-n-octyl phthalate
Concen: 50.64 ng
RT: 14.58 min Scan# 1093
Delta R.T. -0.00 min
Lab File: BF080817.D
Acq: 3 Aug 2015 23:35

Tgt Ion:149 Resp: 712462

Ion	Ratio	Lower	Upper
149	100		
167	1.4	1.1	1.7
43	14.1	11.8	17.8



Instrument :
BNA_F
ClientSampleId :
8524

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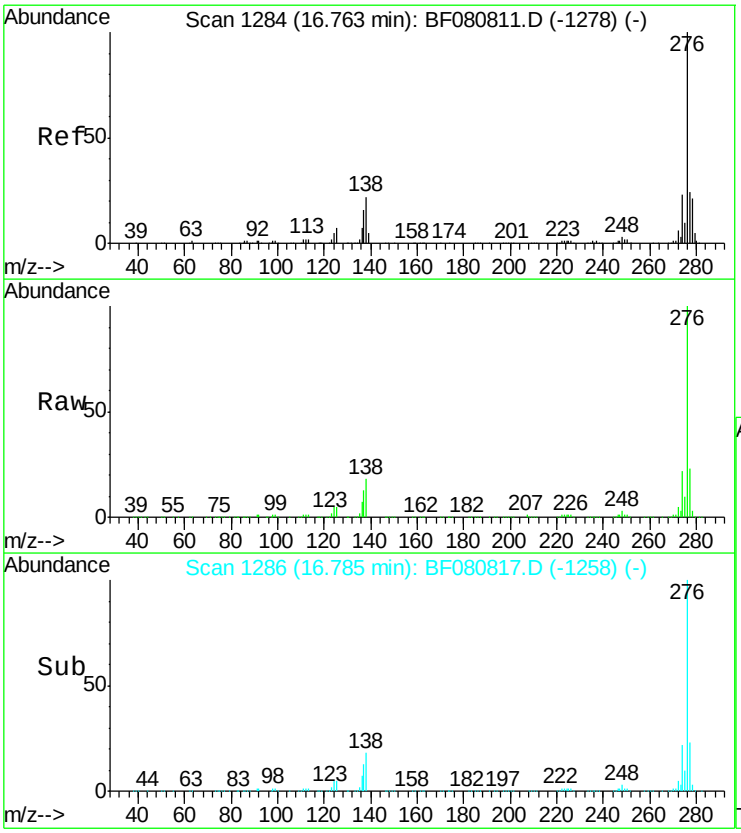
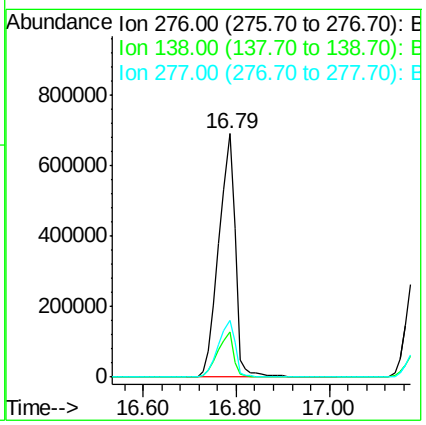
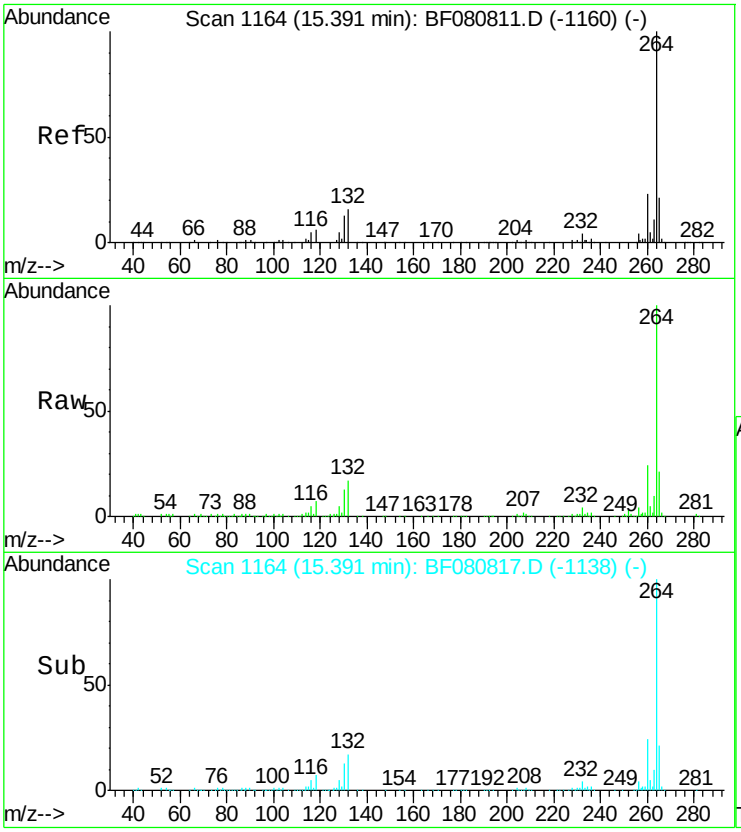


#85
Indeno(1,2,3-cd)pyrene
Concen: 134.01 ng
RT: 16.79 min Scan# 1286
Delta R.T. 0.02 min
Lab File: BF080817.D
Acq: 3 Aug 2015 23:35

Tgt Ion:276 Resp: 1683992

Ion	Ratio	Lower	Upper
276	100		
138	17.8	18.6	27.8#
277	24.0	20.1	30.1





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.39 min Scan# 1164
Delta R.T. -0.00 min
Lab File: BF080817.D
Acq: 3 Aug 2015 23:35

Instrument :
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ClientSampleId :
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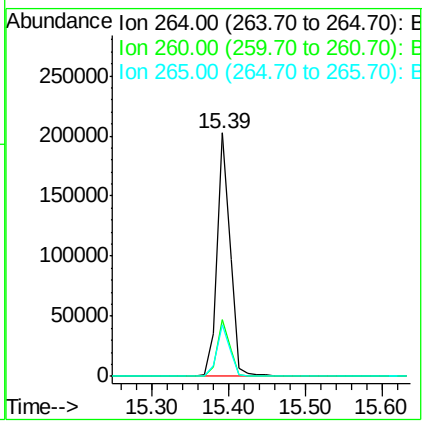
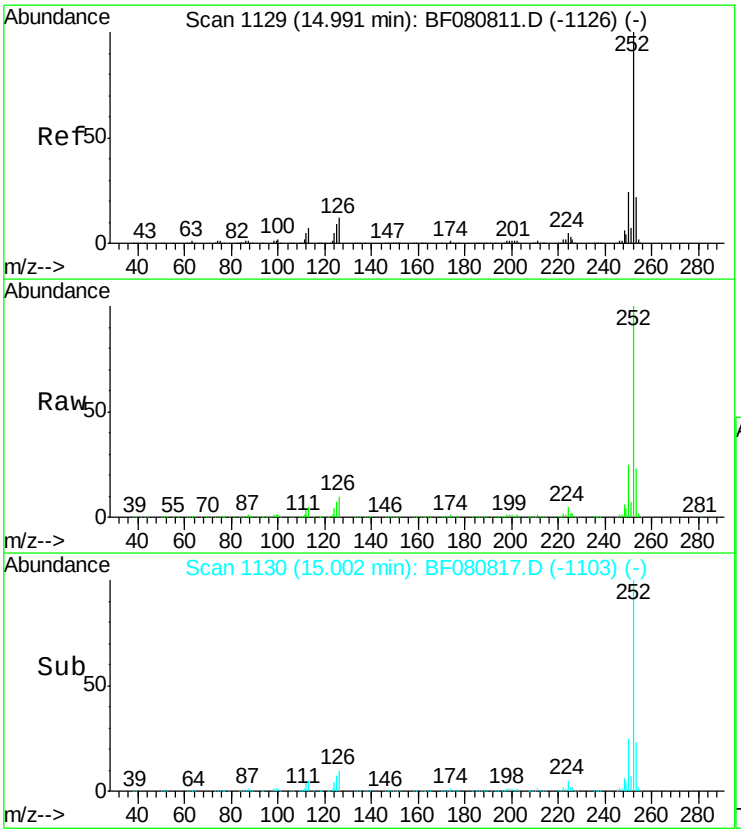
Tgt Ion:264 Resp: 240751

Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.3	27.5
265	21.4	17.0	25.6

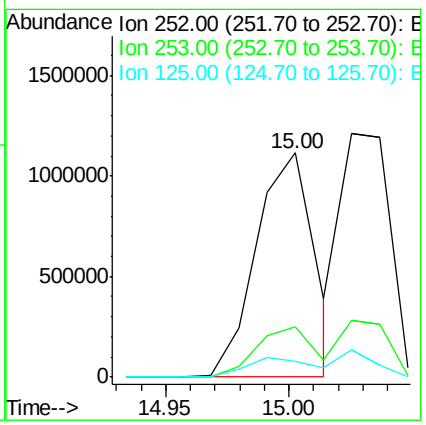


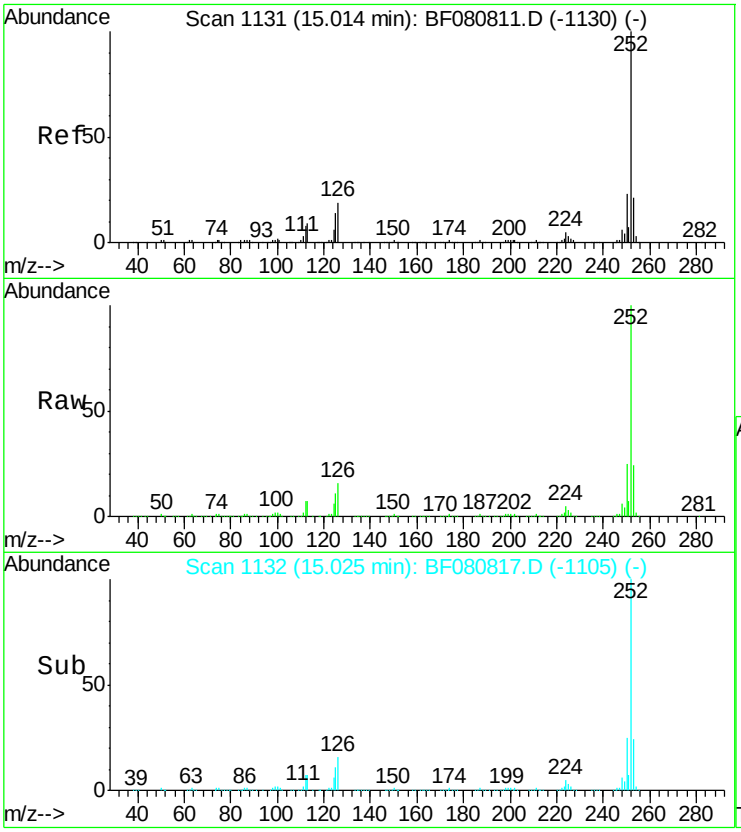


#87
Benzo(b)fluoranthene
Concen: 130.44 ng m
RT: 15.00 min Scan# 1130
Delta R.T. 0.01 min
Lab File: BF080817.D
Acq: 3 Aug 2015 23:35

Tgt Ion:252 Resp: 1838286

Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.5	26.3
125	7.2	7.4	11.0#

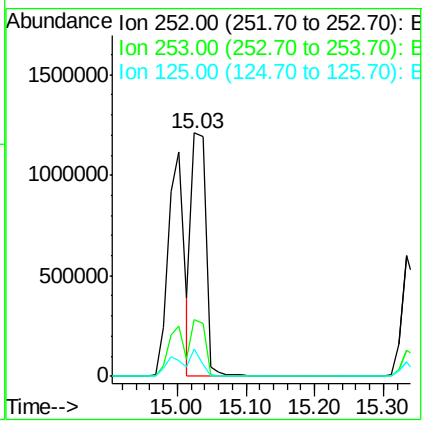




#88
Benzo(k)fluoranthene
Concen: 140.35 ng
RT: 15.03 min Scan# 1132
Delta R.T. 0.01 min
Lab File: BF080817.D
Acq: 3 Aug 2015 23:35

Tgt Ion:252 Resp: 1723626

Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.4	26.0
125	11.0	9.9	14.9



Instrument :
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ClientSampleId :
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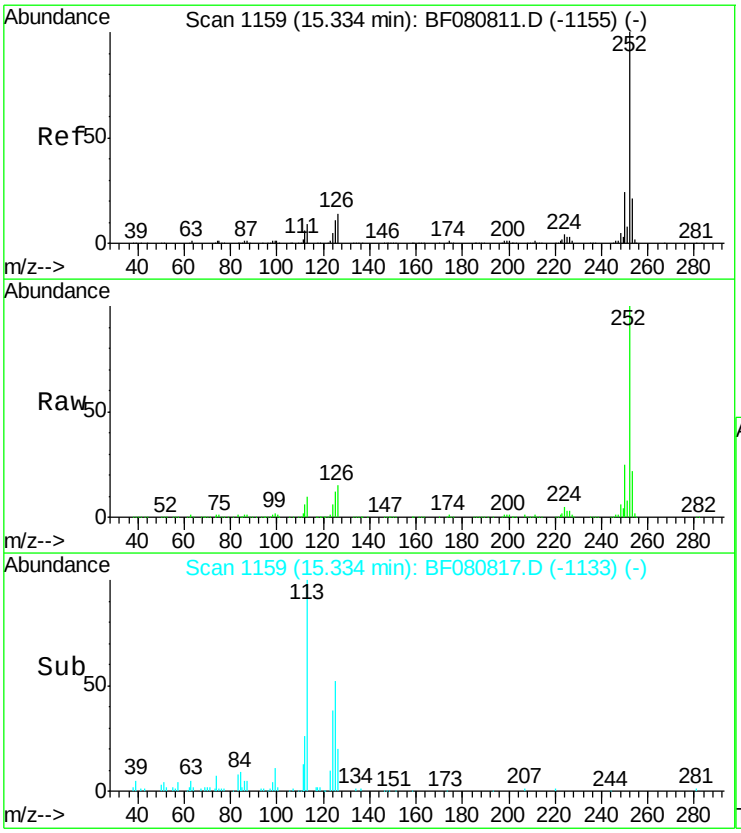
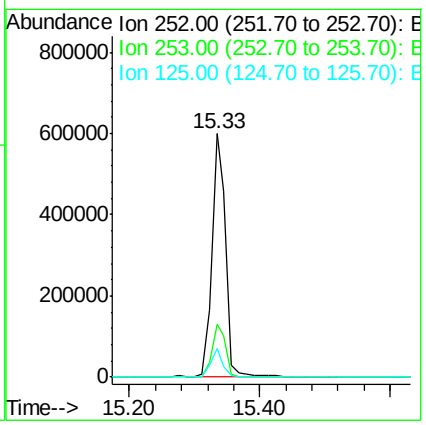
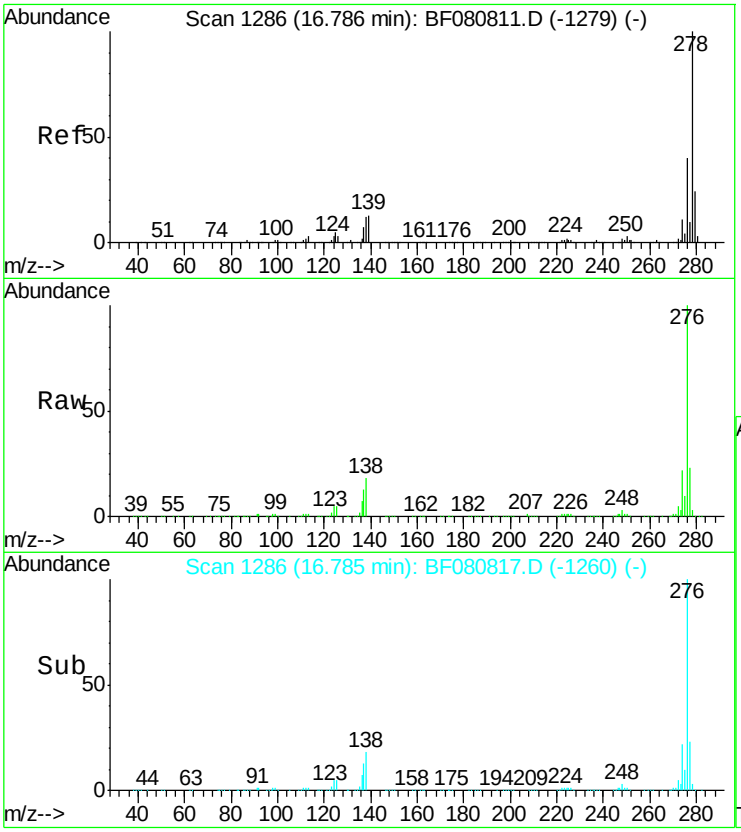


#89
Benzo(a)pyrene
Concen: 73.54 ng
RT: 15.33 min Scan# 1159
Delta R.T. -0.00 min
Lab File: BF080817.D
Acq: 3 Aug 2015 23:35

Tgt Ion:252 Resp: 883875

Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.2	25.8
125	11.8	8.9	13.3





#90
Dibenzo(a,h)anthracene
Concen: 4.10 ng
RT: 16.79 min Scan# 1286
Delta R.T. -0.00 min
Lab File: BF080817.D
Acq: 3 Aug 2015 23:35

Tgt Ion:278 Resp: 47722

Ion	Ratio	Lower	Upper
278	100		
139	0.0	10.7	16.1#
279	8.4	19.0	28.4#

Instrument :
BNA_F
ClientSampleId :
8524

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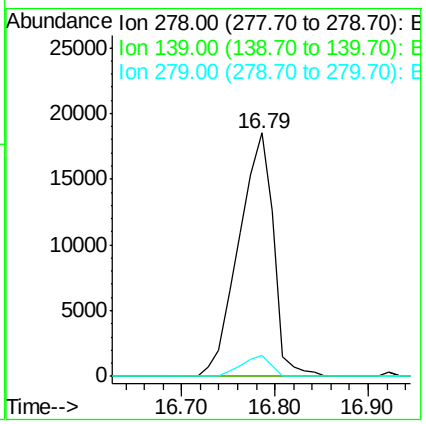

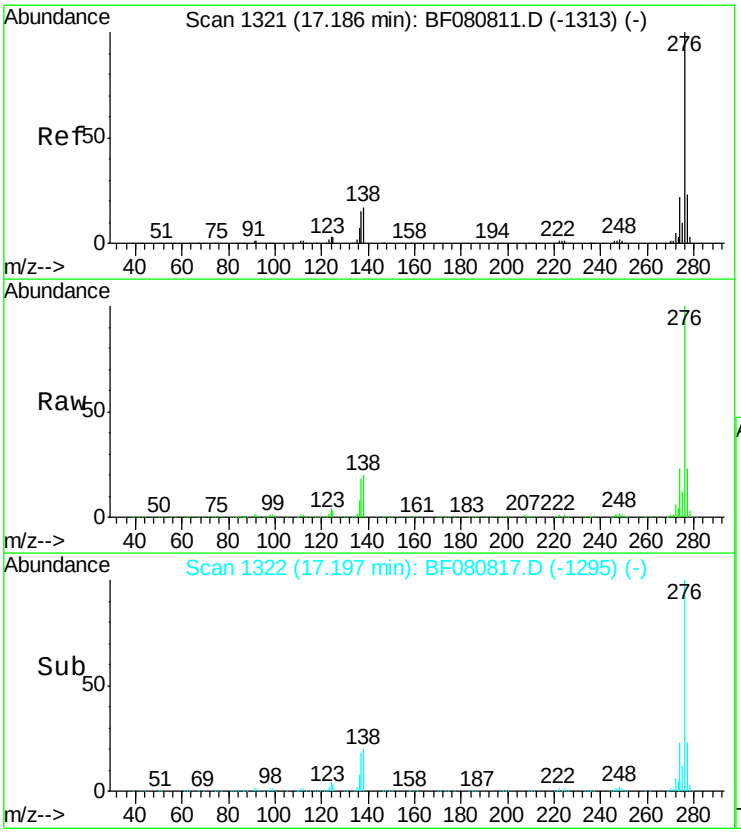

#91
Benzo(g,h,i)perylene
Concen: 112.34 ng
RT: 17.20 min Scan# 1322
Delta R.T. 0.01 min
Lab File: BF080817.D
Acq: 3 Aug 2015 23:35

Tgt Ion:276 Resp: 1363811

Ion	Ratio	Lower	Upper
276	100		
277	23.2	18.6	27.8
138	20.0	13.3	19.9#