Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020116\
Data File : BF084742.D
Acq On : 2 Feb 2016 6:32
Operator : SJ/IZ
Sample : H1295-01
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SW006

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2/2/2016 4:19:14 PM

Quant Time: Feb 02 12:42:18 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 01 14:55:11 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	205818	20.00	ng		-0.01
21) Naphthalene-d8	8.00	136	825578	20.00	ng		-0.02
38) Acenaphthene-d10	9.74	164	387096	20.00	ng		-0.02
63) Phenanthrene-d10	11.23	188	712354	20.00	ng		-0.01
75) Chrysene-d12	13.86	240	424571	20.00	ng		-0.01
86) Perylene-d12	15.25	264	416109	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.31	112	1234589	93.43	ng		0.00
7) Phenol-d6	6.37	99	1681409	102.64	ng		0.00
23) Nitrobenzene-d5	7.28	82	987811	67.40	ng		-0.02
41) 2,4,6-Tribromophenol	10.54	330	416702	103.20	ng		-0.01
44) 2-Fluorobiphenyl	9.08	172	1510176	59.53	ng		-0.01
78) Terphenyl-d14	12.82	244	1107239	59.10	ng		-0.01
Target Compounds							Qvalue
31) Naphthalene	8.02	128	83201	2.01	ng		100
49) Dimethylphthalate	9.48	163	278566	9.45	ng	#	91
51) Acenaphthene	9.78	154	59682	2.37	ng		98
54) Dibenzofuran	9.95	168	70620	2.30	ng		94
57) Fluorene	10.29	166	73442	2.86	ng		97
70) Phenanthrene	11.25	178	873165	22.10	ng		98
71) Anthracene	11.30	178	194841	4.89	ng		99
72) Carbazole	11.46	167	76265	2.20	ng		96
73) Di-n-butylphthalate	11.80	149	91726	2.08	ng	#	97
74) Fluoranthene	12.44	202	918255	22.96	ng		95
77) Pyrene	12.67	202	777156	23.91	ng		99
80) Benzo(a)anthracene	13.85	228	330984	12.56	ng		98
82) Chrysene	13.88	228	238570m	9.34	ng		
85) Indeno(1,2,3-cd)pyrene	16.56	276	136661	6.79	ng		94
87) Benzo(b)fluoranthene	14.87	252	282991m	10.12	ng		
88) Benzo(k)fluoranthene	14.89	252	99772m	4.32	ng		
89) Benzo(a)pyrene	15.20	252	207075	8.69	ng		97
91) Benzo(g,h,i)perylene	16.95	276	129338	6.40	ng		99

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

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BNA_F
ClientSampleId :
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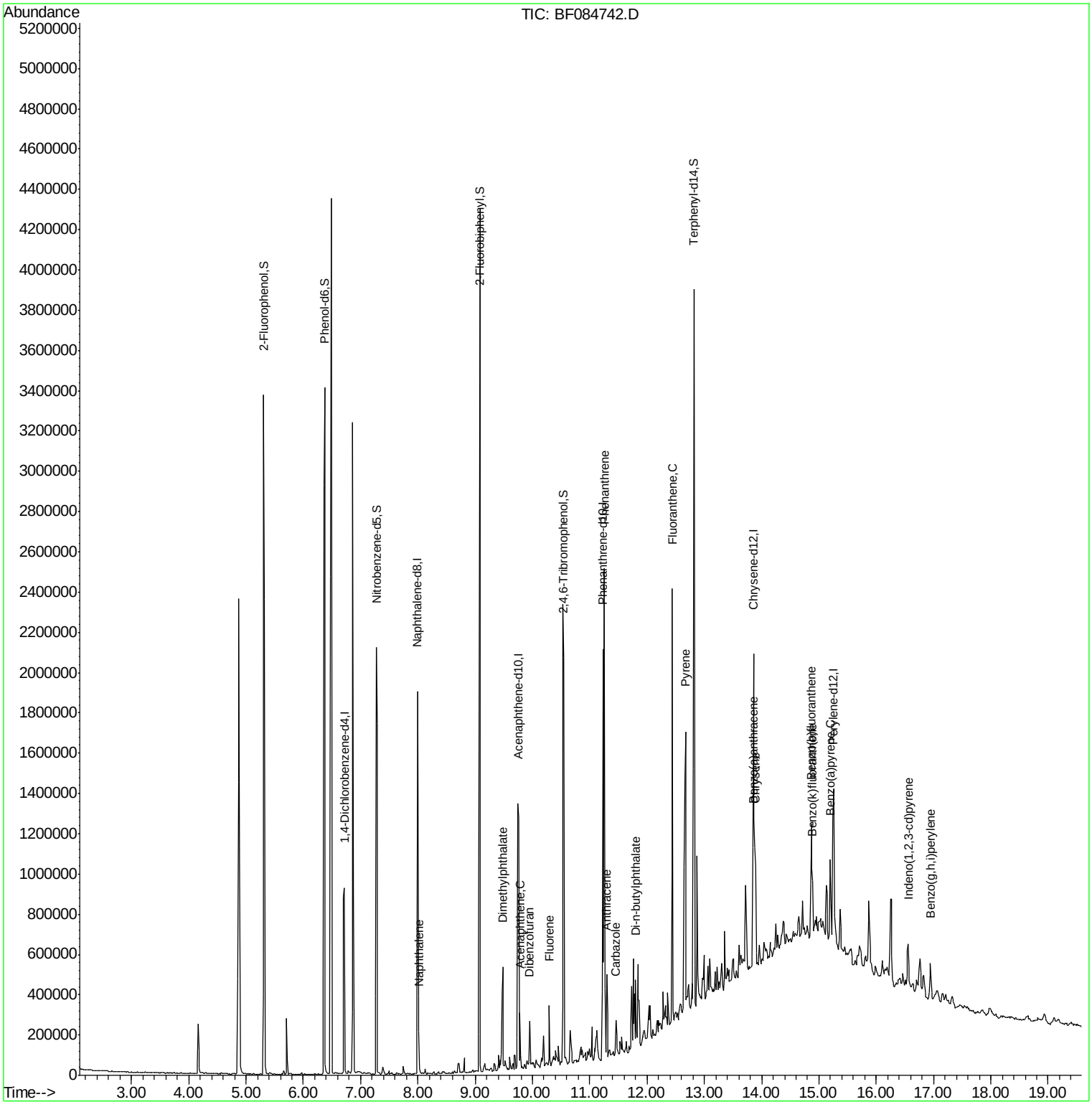
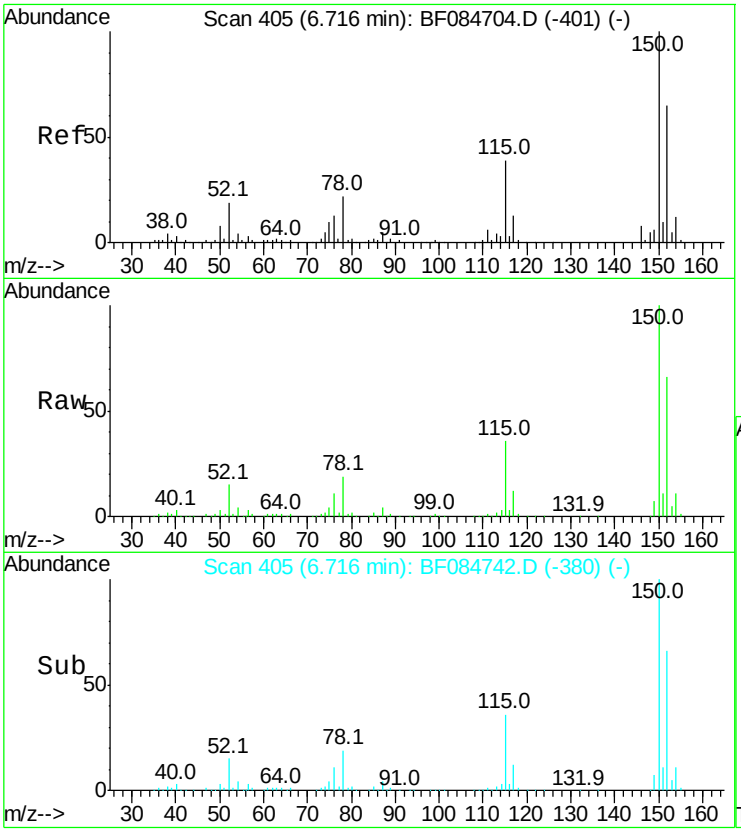
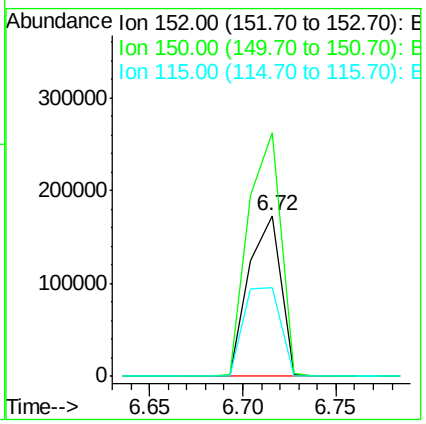




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.72 min Scan# 405
Delta R.T. -0.01 min
Lab File: BF084742.D
Acq: 2 Feb 2016 6:32

Tgt Ion:152 Resp: 205818

Ion	Ratio	Lower	Upper
152	100		
150	151.3	123.0	184.4
115	55.1	51.4	77.2



Instrument :
BNA_F
ClientSampleId :
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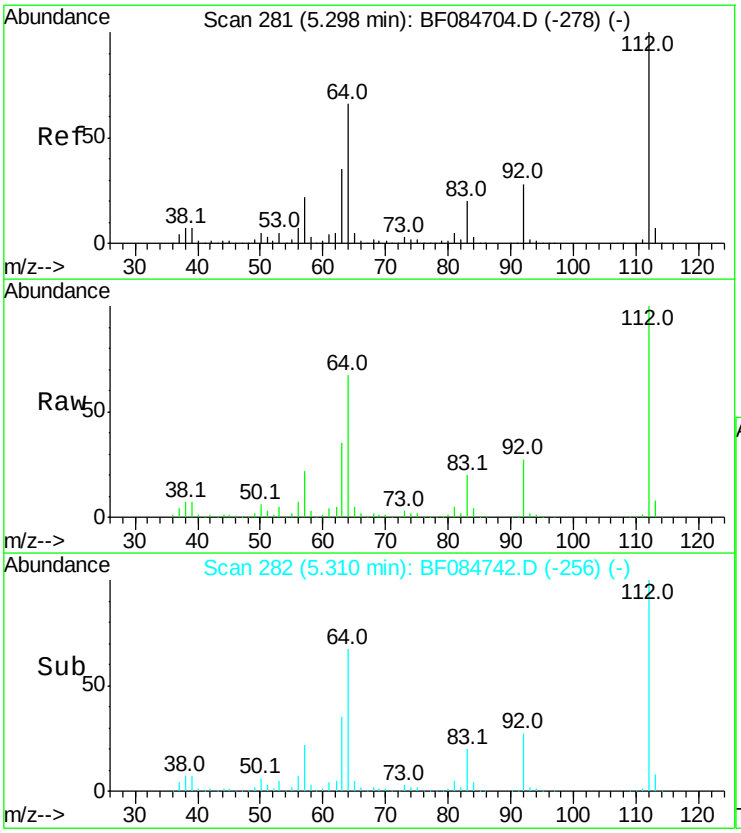
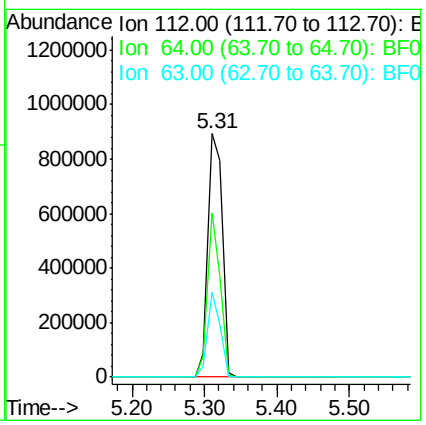
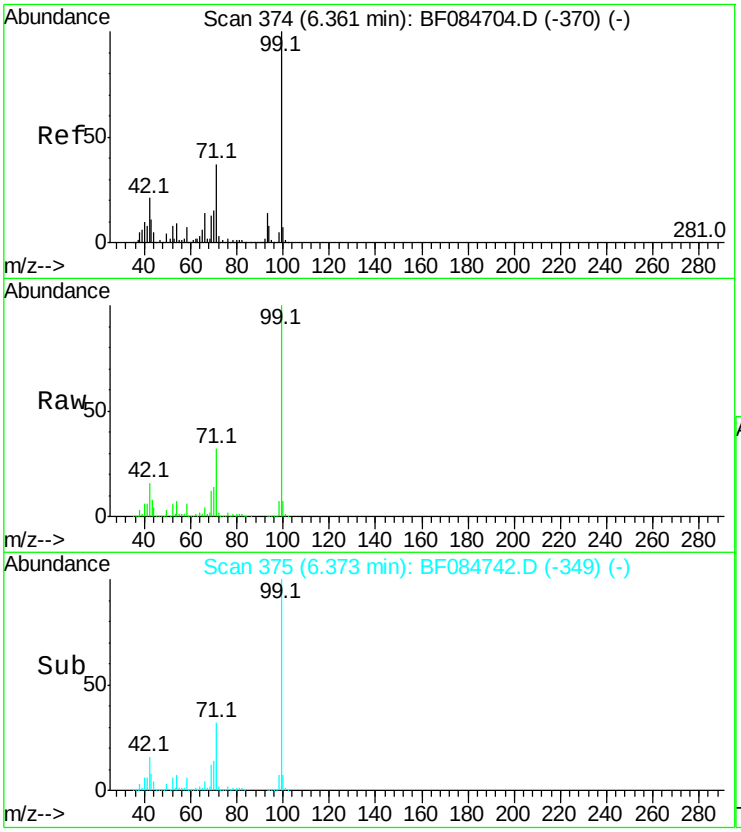


#5
2-Fluorophenol
Concen: 93.43 ng
RT: 5.31 min Scan# 282
Delta R.T. -0.00 min
Lab File: BF084742.D
Acq: 2 Feb 2016 6:32

Tgt Ion:112 Resp: 1234589

Ion	Ratio	Lower	Upper
112	100		
64	67.3	36.6	55.0#
63	35.1	19.4	29.0#

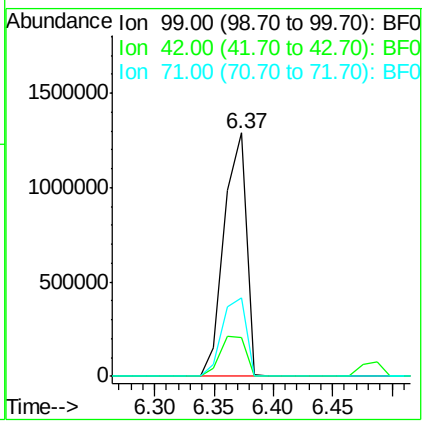




#7
Phenol-d6
Concen: 102.64 ng
RT: 6.37 min Scan# 375
Delta R.T. -0.00 min
Lab File: BF084742.D
Acq: 2 Feb 2016 6:32

Tgt Ion: 99 Resp: 1681409

Ion	Ratio	Lower	Upper
99	100		
42	15.8	12.8	19.2
71	32.4	30.9	46.3



Instrument :
BNA_F
ClientSampleId :
SW006

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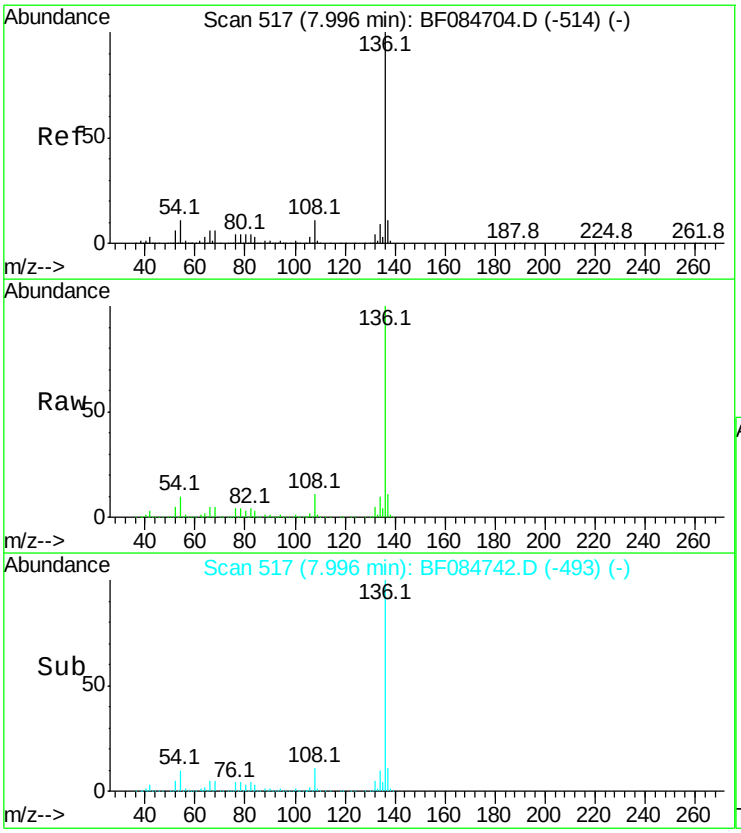
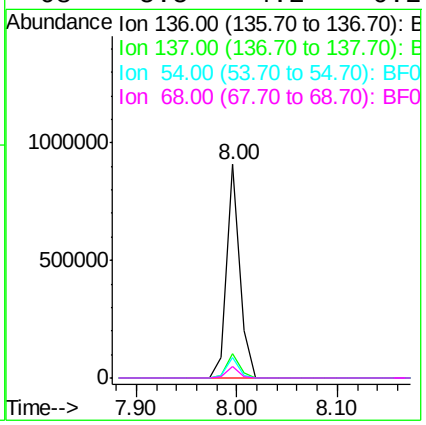
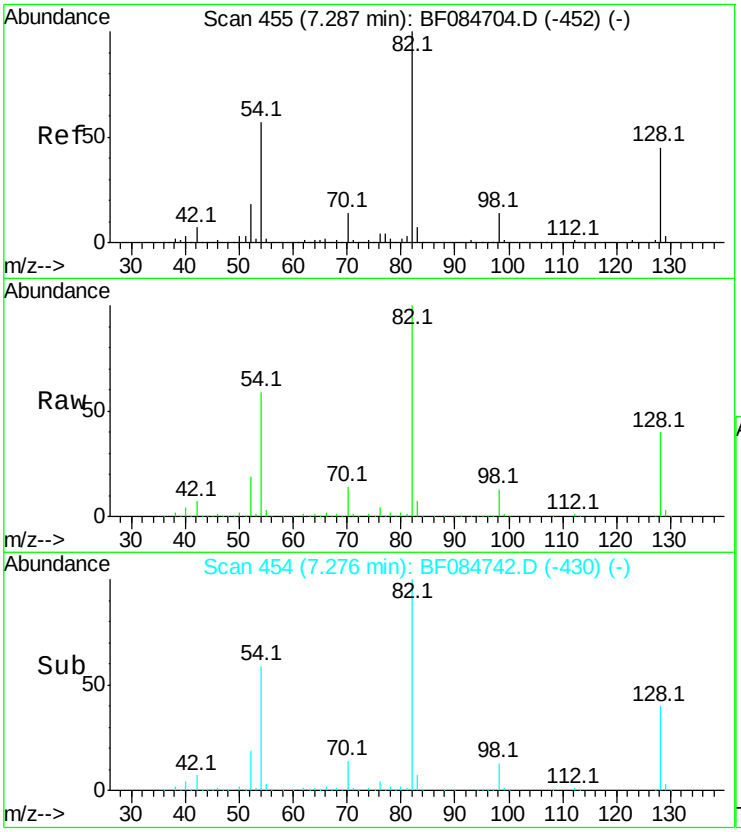


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.00 min Scan# 517
Delta R.T. -0.02 min
Lab File: BF084742.D
Acq: 2 Feb 2016 6:32

Tgt Ion:136 Resp: 825578

Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.7	13.1
54	9.7	5.8	8.8#
68	5.5	4.2	6.2

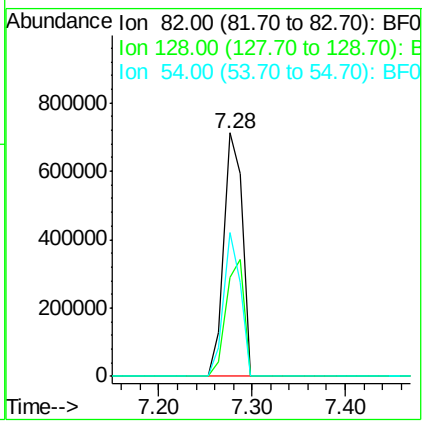




#23
Nitrobenzene-d5
Concen: 67.40 ng
RT: 7.28 min Scan# 454
Delta R.T. -0.02 min
Lab File: BF084742.D
Acq: 2 Feb 2016 6:32

Tgt Ion: 82 Resp: 987811

Ion	Ratio	Lower	Upper
82	100		
128	40.5	34.6	51.8
54	59.2	38.4	57.6#



Instrument :
BNA_F
ClientSampleId :
SW006

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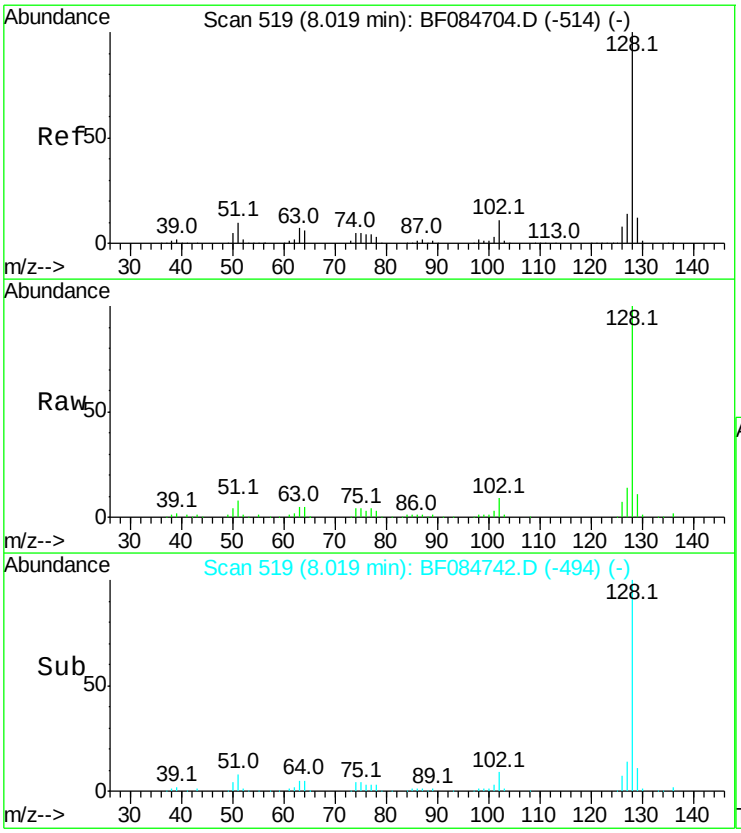
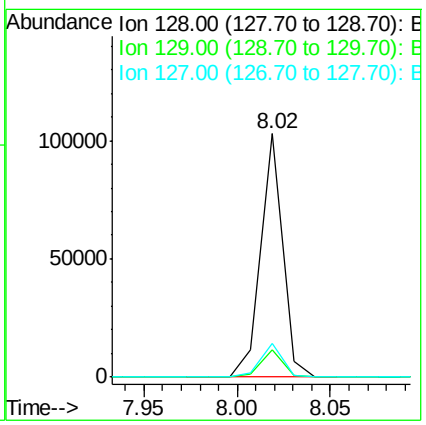
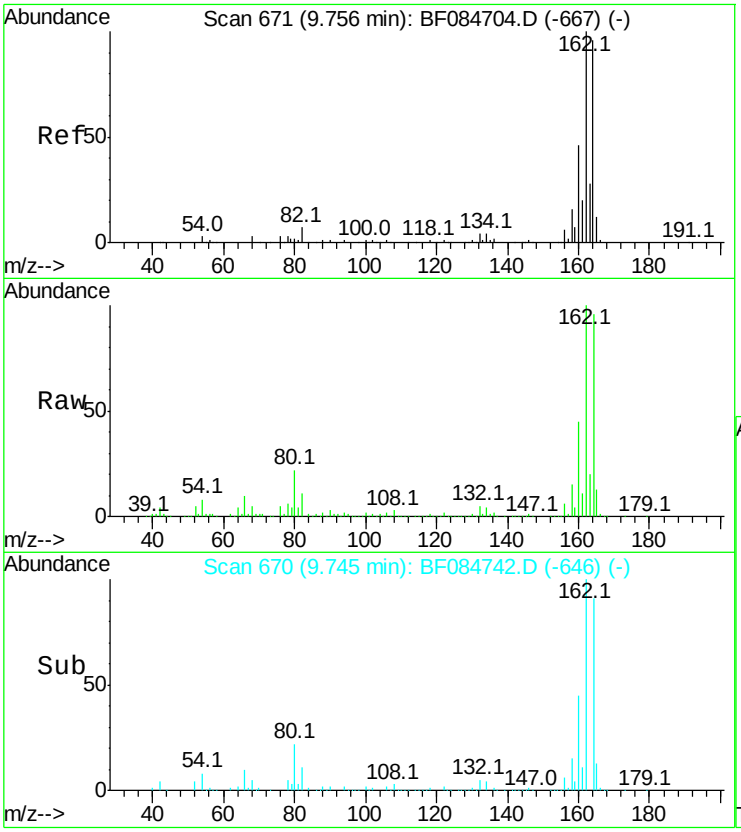


#31
Naphthalene
Concen: 2.01 ng
RT: 8.02 min Scan# 519
Delta R.T. -0.01 min
Lab File: BF084742.D
Acq: 2 Feb 2016 6:32

Tgt Ion:128 Resp: 83201

Ion	Ratio	Lower	Upper
128	100		
129	11.3	9.1	13.7
127	13.7	11.1	16.7

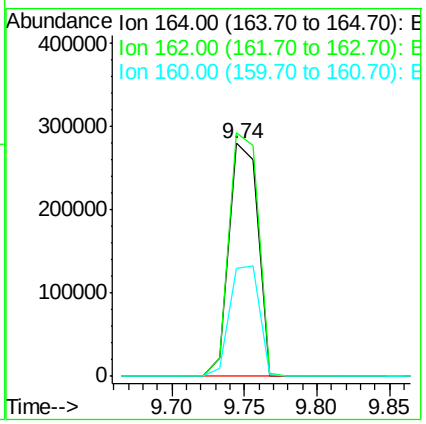




#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.74 min Scan# 670
Delta R.T. -0.02 min
Lab File: BF084742.D
Acq: 2 Feb 2016 6:32

Tgt Ion:164 Resp: 387096

Ion	Ratio	Lower	Upper
164	100		
162	104.5	85.1	127.7
160	46.5	37.5	56.3



Instrument :
BNA_F
ClientSampleId :
SW006

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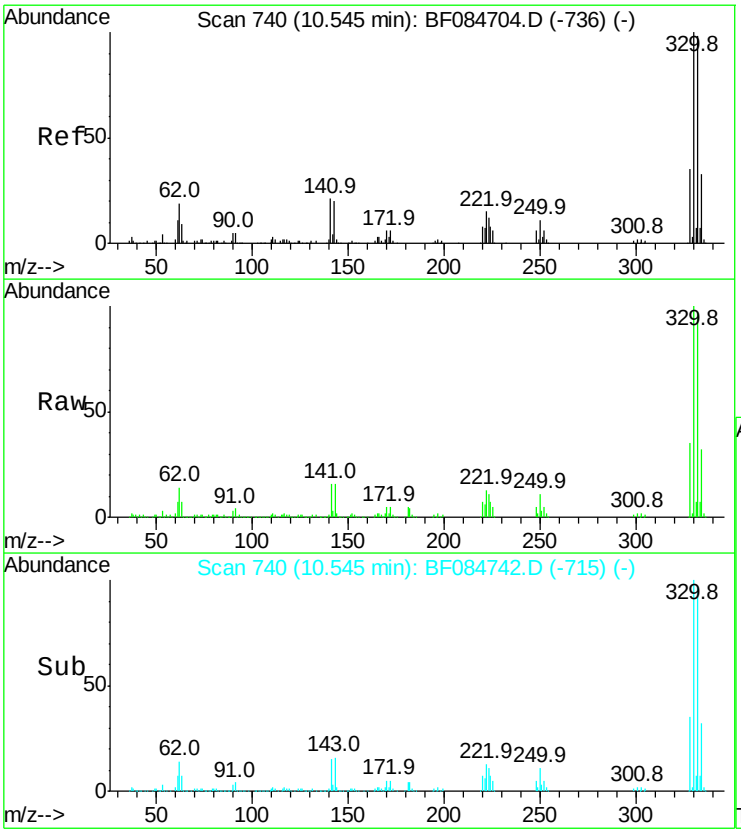
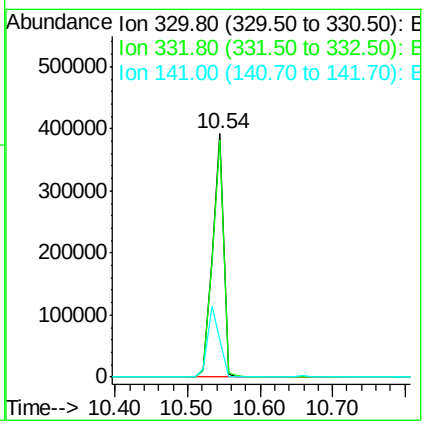
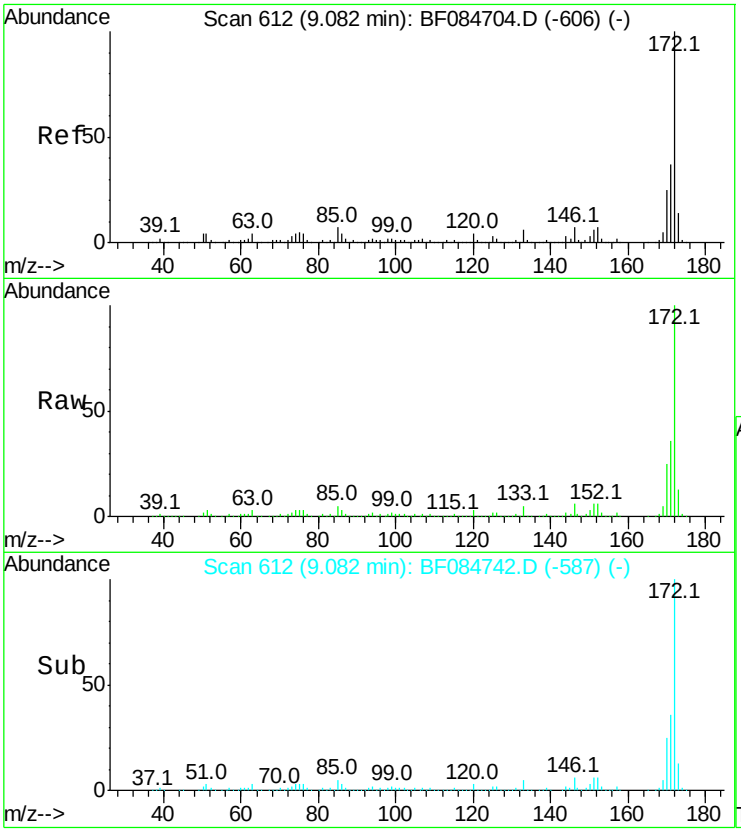


#41
2,4,6-Tribromophenol
Concen: 103.20 ng
RT: 10.54 min Scan# 740
Delta R.T. -0.01 min
Lab File: BF084742.D
Acq: 2 Feb 2016 6:32

Tgt Ion:330 Resp: 416702

Ion	Ratio	Lower	Upper
330	100		
332	97.3	76.6	114.8
141	31.7	27.8	41.6

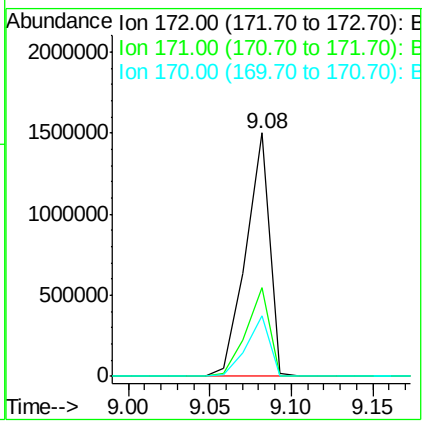




#44
2-Fluorobiphenyl
Concen: 59.53 ng
RT: 9.08 min Scan# 612
Delta R.T. -0.01 min
Lab File: BF084742.D
Acq: 2 Feb 2016 6:32

Tgt Ion:172 Resp: 1510176

Ion	Ratio	Lower	Upper
172	100		
171	36.2	28.9	43.3
170	24.8	18.6	27.8



Instrument :
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ClientSampleId :
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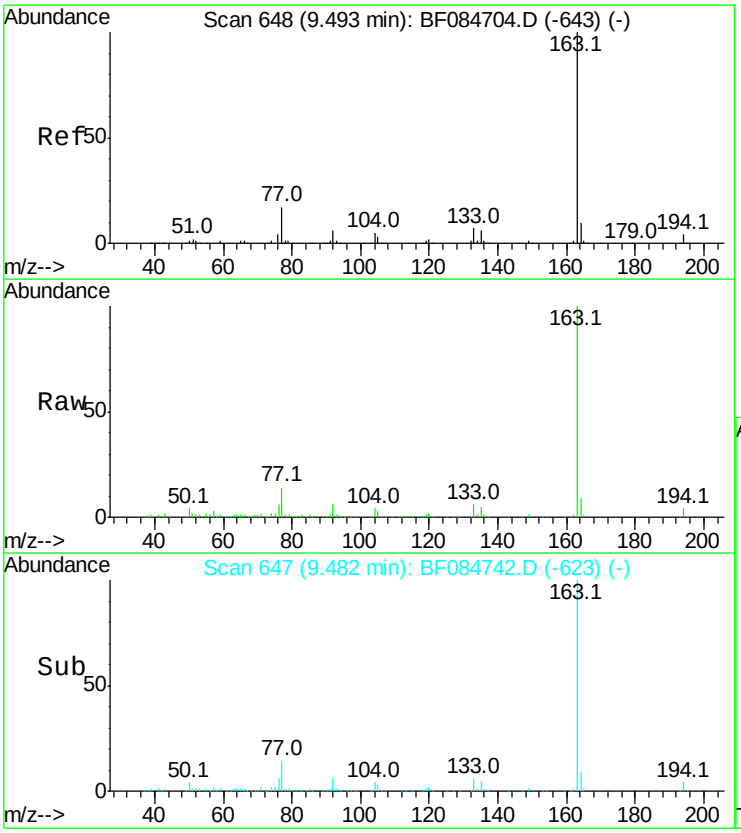
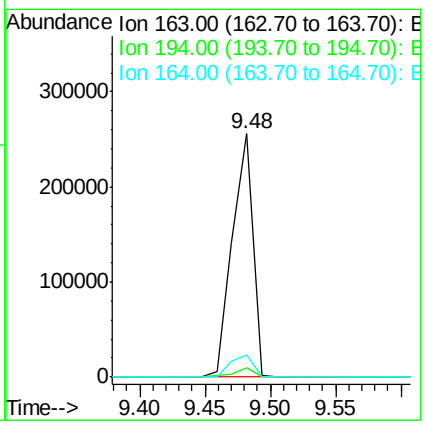
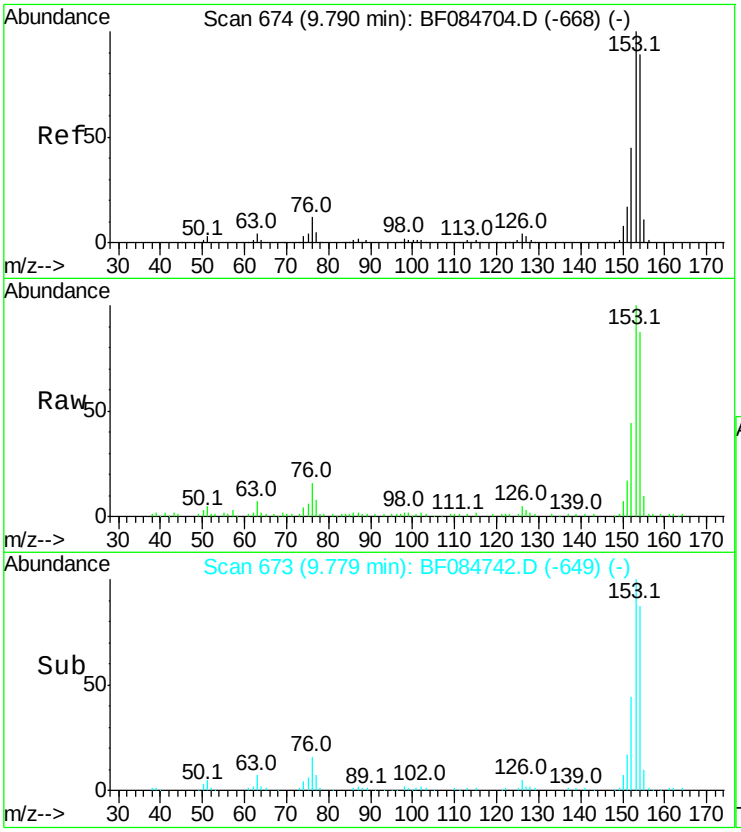


#49
Dimethylphthalate
Concen: 9.45 ng
RT: 9.48 min Scan# 647
Delta R.T. -0.02 min
Lab File: BF084742.D
Acq: 2 Feb 2016 6:32

Tgt Ion:163 Resp: 278566

Ion	Ratio	Lower	Upper
163	100		
194	3.9	8.0	12.0#
164	9.3	8.0	12.0

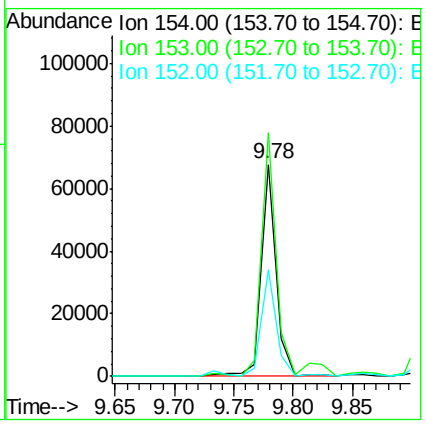




#51
Acenaphthene
Concen: 2.37 ng
RT: 9.78 min Scan# 673
Delta R.T. -0.02 min
Lab File: BF084742.D
Acq: 2 Feb 2016 6:32

Tgt Ion:154 Resp: 59682

Ion	Ratio	Lower	Upper
154	100		
153	114.8	91.5	137.3
152	50.5	43.0	64.6



Instrument :
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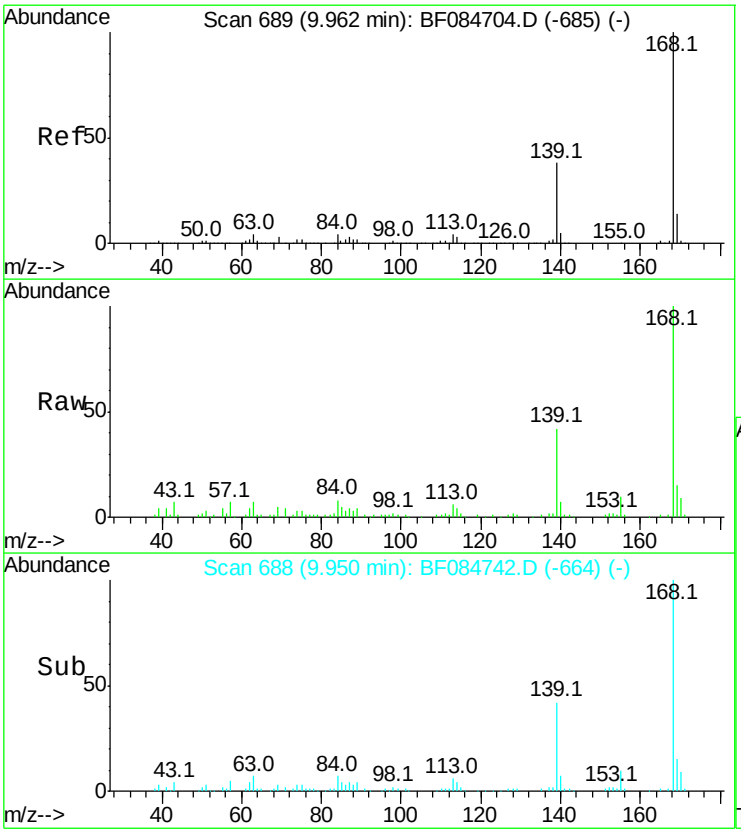
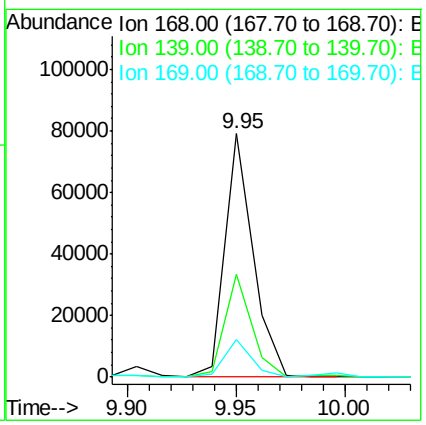
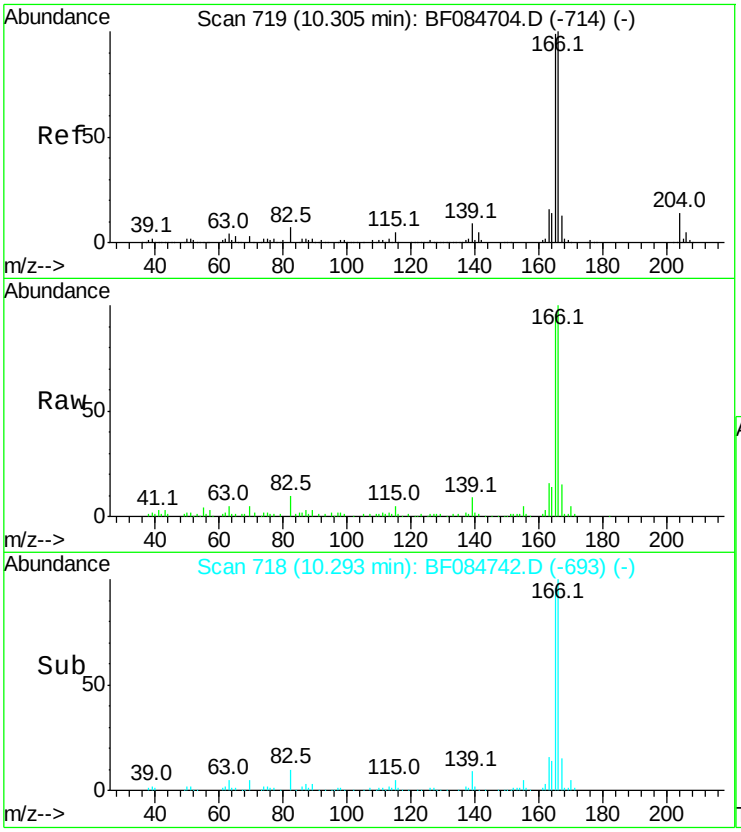


#54
Dibenzofuran
Concen: 2.30 ng
RT: 9.95 min Scan# 688
Delta R.T. -0.02 min
Lab File: BF084742.D
Acq: 2 Feb 2016 6:32

Tgt Ion:168 Resp: 70620

Ion	Ratio	Lower	Upper
168	100		
139	42.0	30.5	45.7
169	15.2	10.4	15.6

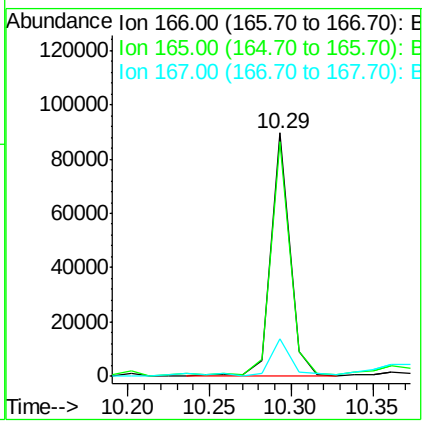




#57
Fluorene
Concen: 2.86 ng
RT: 10.29 min Scan# 718
Delta R.T. -0.01 min
Lab File: BF084742.D
Acq: 2 Feb 2016 6:32

Tgt Ion:166 Resp: 73442

Ion	Ratio	Lower	Upper
166	100		
165	96.3	79.1	118.7
167	15.5	10.4	15.6



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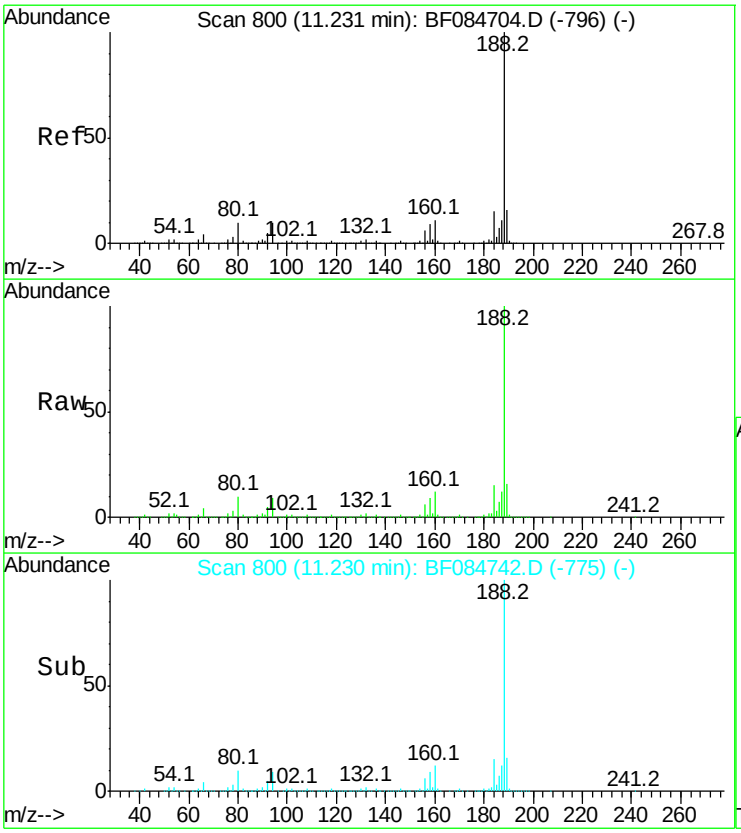
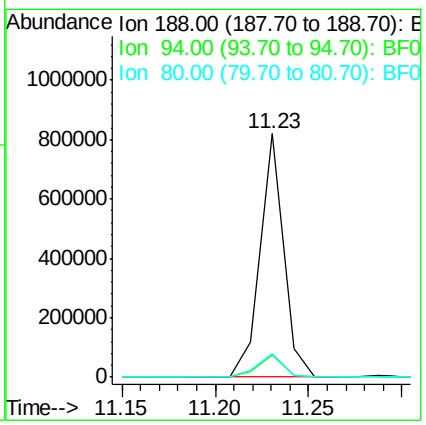
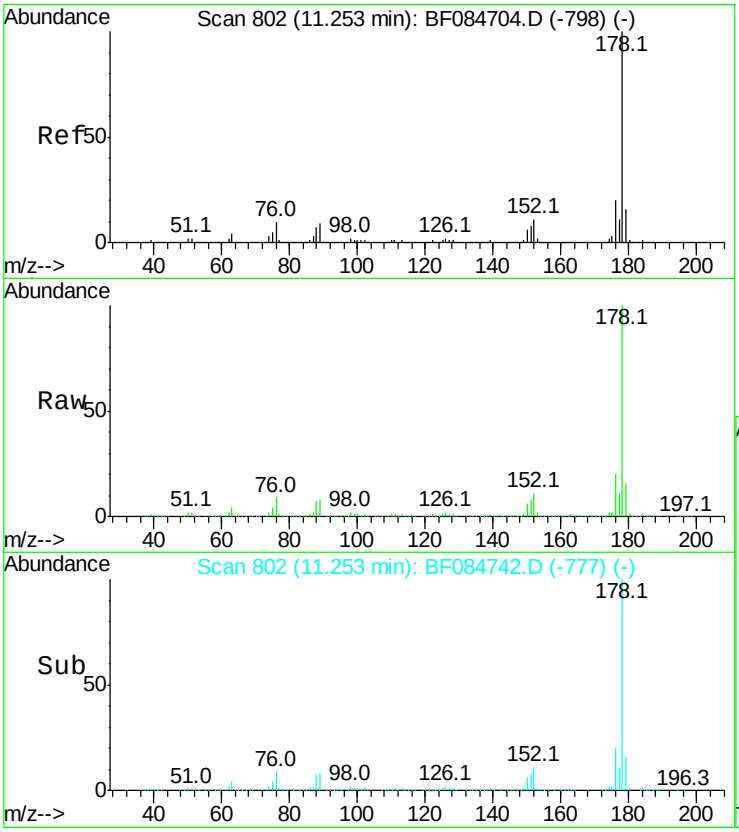


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.23 min Scan# 800
Delta R.T. -0.01 min
Lab File: BF084742.D
Acq: 2 Feb 2016 6:32

Tgt Ion:188 Resp: 712354

Ion	Ratio	Lower	Upper
188	100		
94	9.0	9.0	13.4
80	9.5	9.6	14.4#

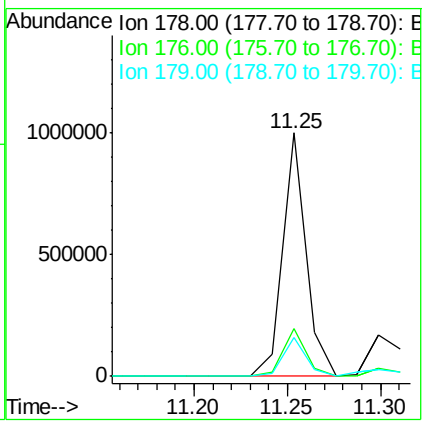




#70
Phenanthrene
Concen: 22.10 ng
RT: 11.25 min Scan# 802
Delta R.T. -0.01 min
Lab File: BF084742.D
Acq: 2 Feb 2016 6:32

Tgt Ion:178 Resp: 873165

Ion	Ratio	Lower	Upper
178	100		
176	19.8	15.3	22.9
179	16.0	12.0	18.0



Instrument :
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ClientSampleId :
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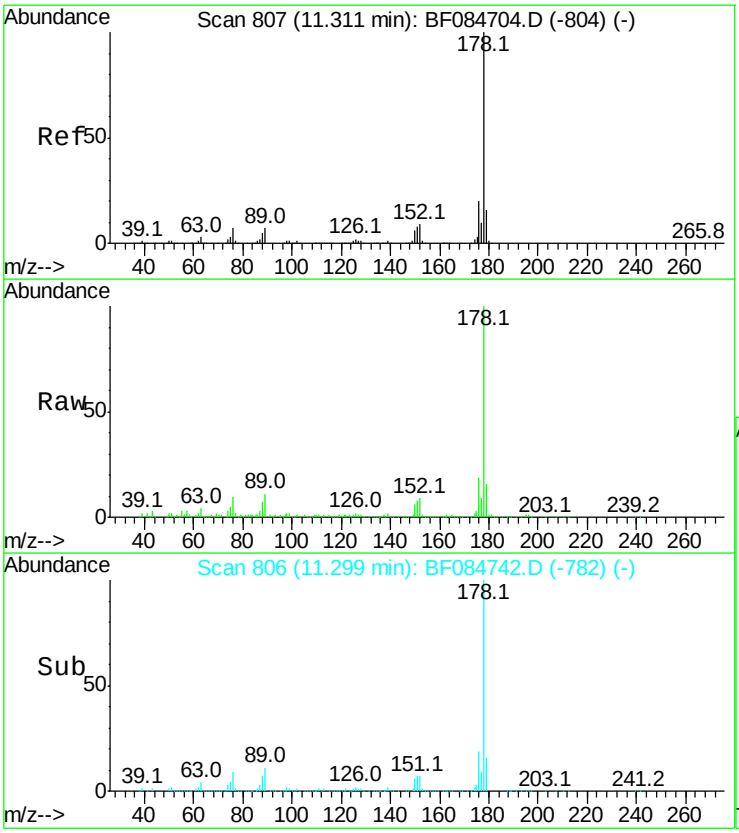
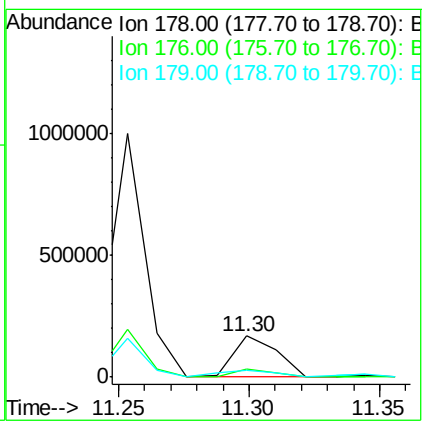
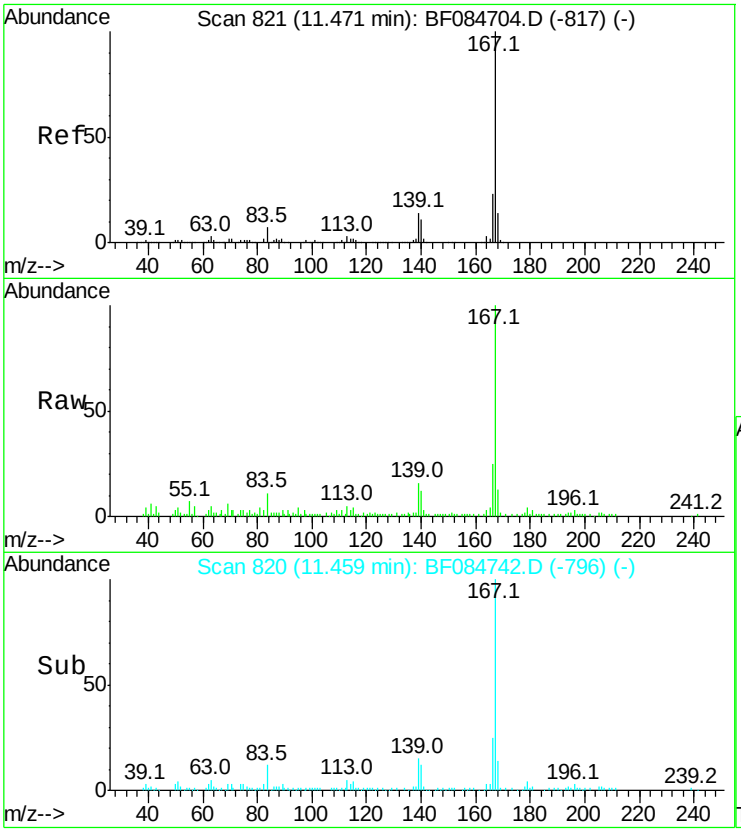


#71
Anthracene
Concen: 4.89 ng
RT: 11.30 min Scan# 806
Delta R.T. -0.02 min
Lab File: BF084742.D
Acq: 2 Feb 2016 6:32

Tgt Ion:178 Resp: 194841

Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.4	23.0
179	15.8	12.5	18.7

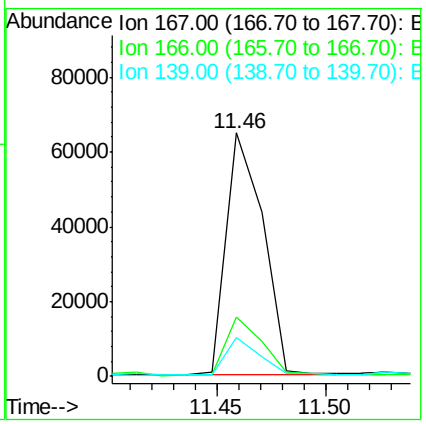




#72
Carbazole
Concen: 2.20 ng
RT: 11.46 min Scan# 820
Delta R.T. -0.02 min
Lab File: BF084742.D
Acq: 2 Feb 2016 6:32

Tgt Ion:167 Resp: 76265

Ion	Ratio	Lower	Upper
167	100		
166	24.6	17.6	26.4
139	15.9	11.8	17.8



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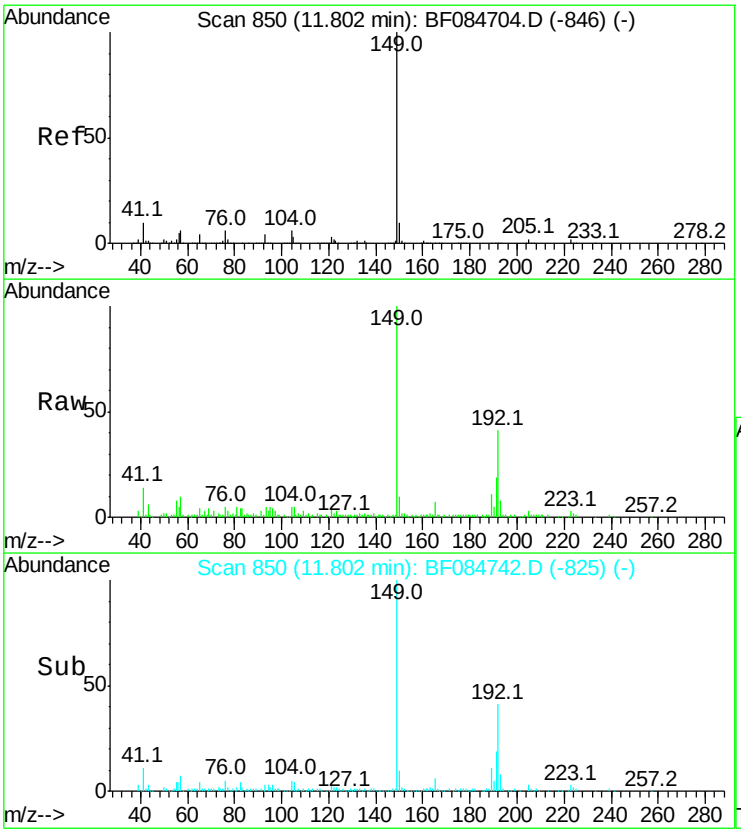
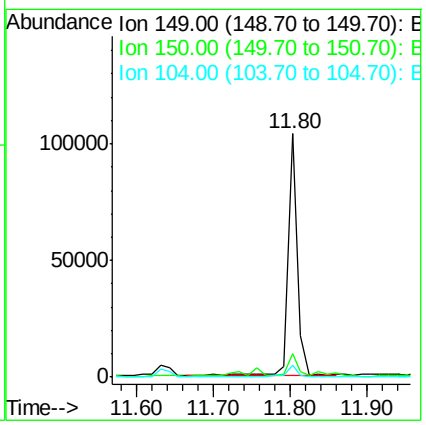
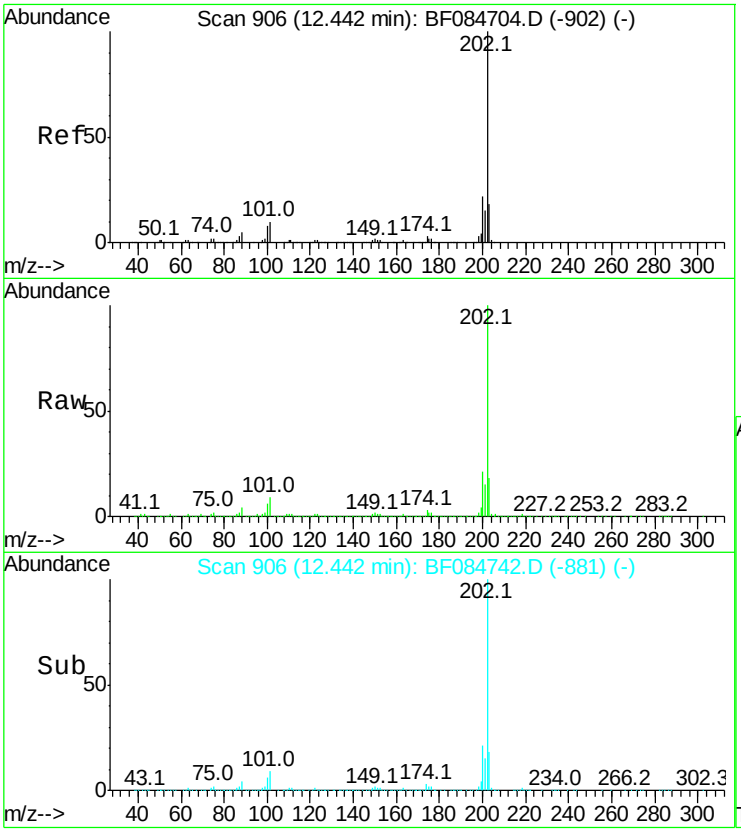


#73
Di-n-butylphthalate
Concen: 2.08 ng
RT: 11.80 min Scan# 850
Delta R.T. -0.01 min
Lab File: BF084742.D
Acq: 2 Feb 2016 6:32

Tgt Ion:149 Resp: 91726

Ion	Ratio	Lower	Upper
149	100		
150	9.9	7.1	10.7
104	5.1	3.2	4.8#

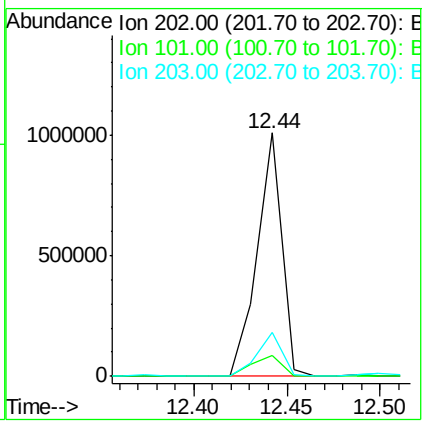




#74
Fluoranthene
Concen: 22.96 ng
RT: 12.44 min Scan# 906
Delta R.T. -0.01 min
Lab File: BF084742.D
Acq: 2 Feb 2016 6:32

Tgt Ion:202 Resp: 918255

Ion	Ratio	Lower	Upper
202	100		
101	8.7	0.0	32.8
203	18.1	0.0	37.9



Instrument :
BNA_F
ClientSampleId :
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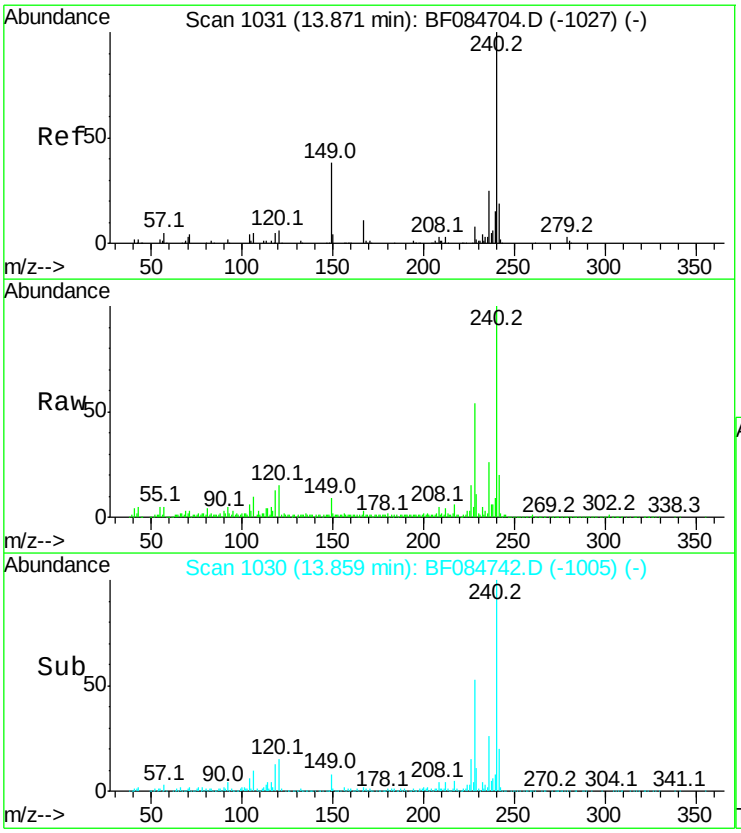
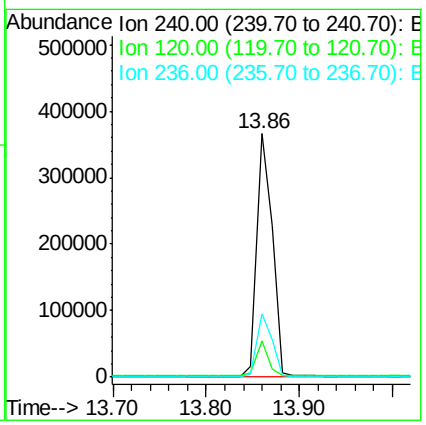
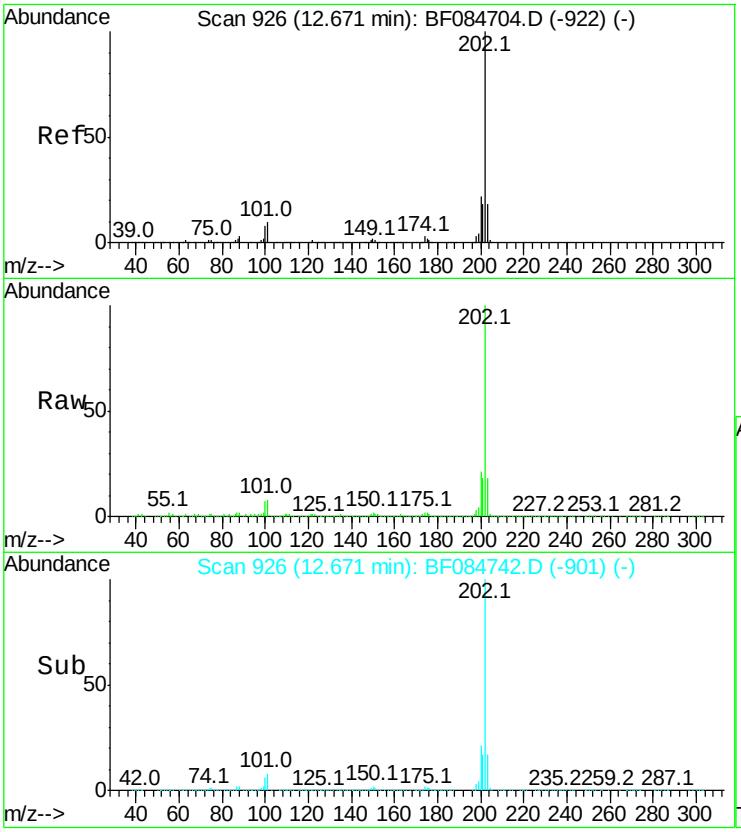


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.86 min Scan# 1030
Delta R.T. -0.01 min
Lab File: BF084742.D
Acq: 2 Feb 2016 6:32

Tgt Ion:240 Resp: 424571

Ion	Ratio	Lower	Upper
240	100		
120	15.0	9.5	14.3#
236	26.1	20.6	31.0

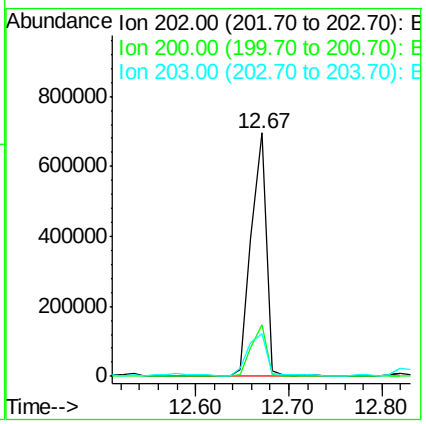




#77
Pyrene
Concen: 23.91 ng
RT: 12.67 min Scan# 926
Delta R.T. -0.01 min
Lab File: BF084742.D
Acq: 2 Feb 2016 6:32

Tgt Ion:202 Resp: 777156

Ion	Ratio	Lower	Upper
202	100		
200	21.0	17.2	25.8
203	17.6	14.3	21.5



Instrument :
BNA_F
ClientSampleId :
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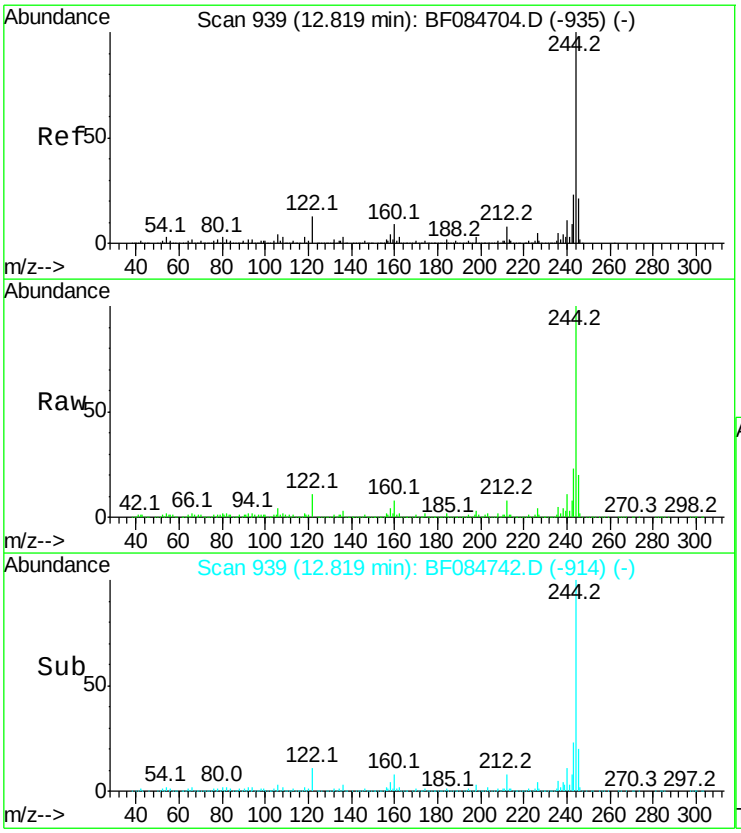
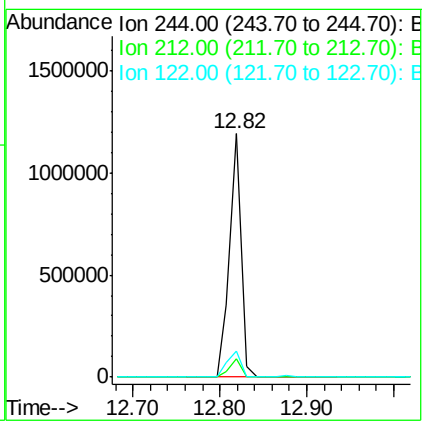
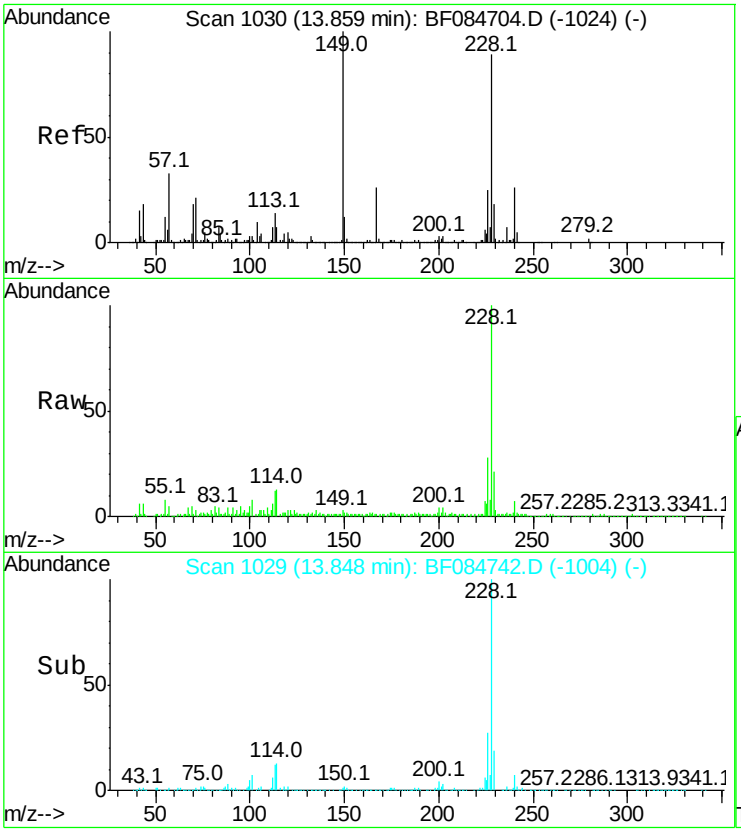


#78
Terphenyl-d14
Concen: 59.10 ng
RT: 12.82 min Scan# 939
Delta R.T. -0.01 min
Lab File: BF084742.D
Acq: 2 Feb 2016 6:32

Tgt Ion:244 Resp: 1107239

Ion	Ratio	Lower	Upper
244	100		
212	7.6	5.7	8.5
122	10.9	7.4	11.0

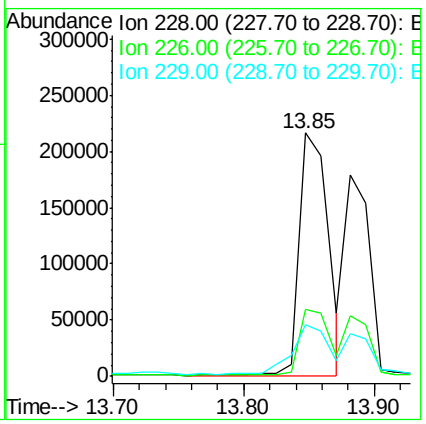




#80
Benzo(a)anthracene
Concen: 12.56 ng
RT: 13.85 min Scan# 1029
Delta R.T. -0.01 min
Lab File: BF084742.D
Acq: 2 Feb 2016 6:32

Tgt Ion:228 Resp: 330984

Ion	Ratio	Lower	Upper
228	100		
226	27.6	21.8	32.6
229	21.0	15.8	23.8



Instrument :
BNA_F
ClientSampleId :
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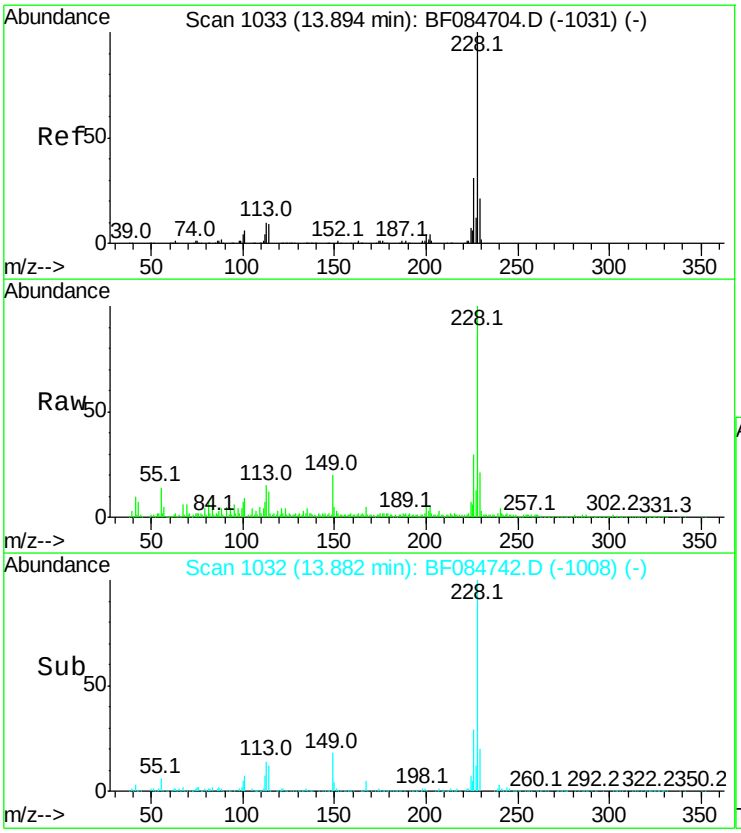
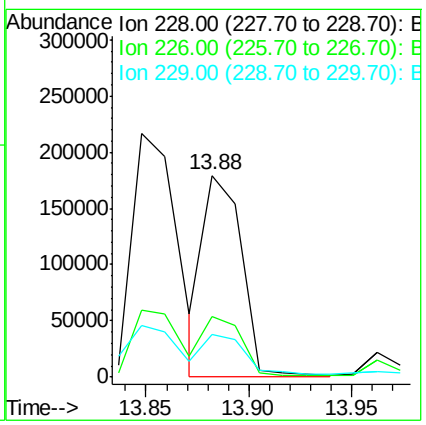
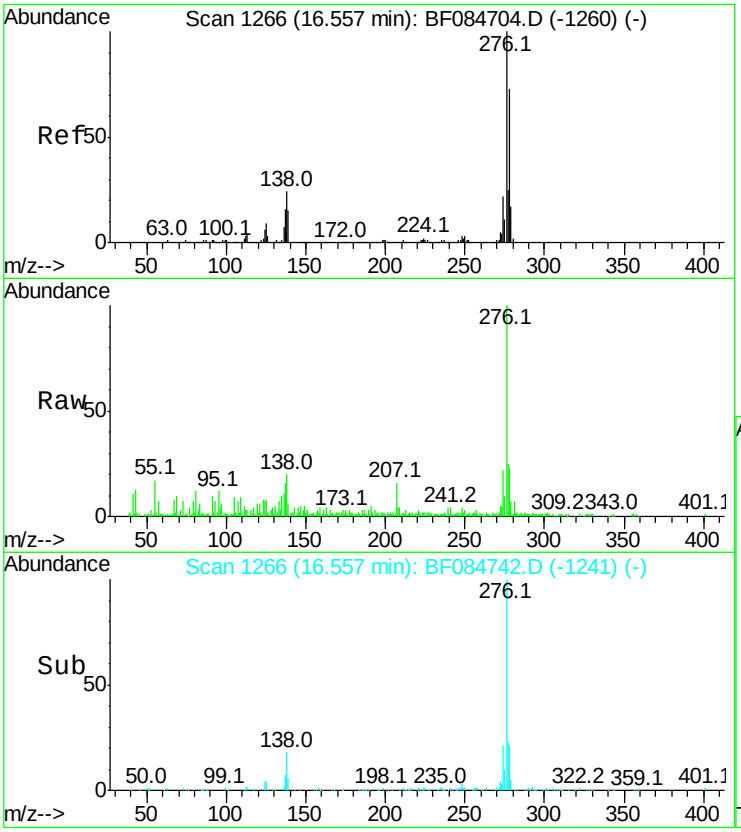


#82
Chrysene
Concen: 9.34 ng m
RT: 13.88 min Scan# 1032
Delta R.T. -0.02 min
Lab File: BF084742.D
Acq: 2 Feb 2016 6:32

Tgt Ion:228 Resp: 238570

Ion	Ratio	Lower	Upper
228	100		
226	29.9	24.3	36.5
229	21.2	16.1	24.1





#85
Indeno(1,2,3-cd)pyrene
Concen: 6.79 ng
RT: 16.56 min Scan# 1266
Delta R.T. -0.01 min
Lab File: BF084742.D
Acq: 2 Feb 2016 6:32

Tgt Ion:276 Resp: 136661

Ion	Ratio	Lower	Upper
276	100		
138	22.4	20.6	30.8
277	27.5	20.1	30.1

Instrument :
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ClientSampleId :
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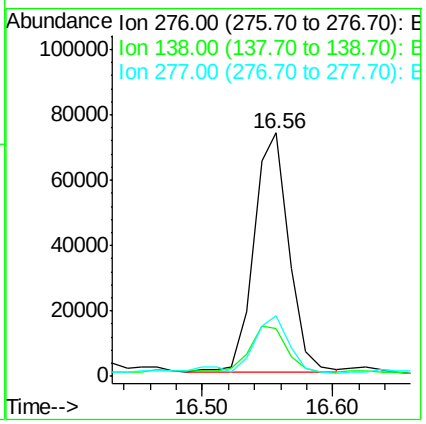
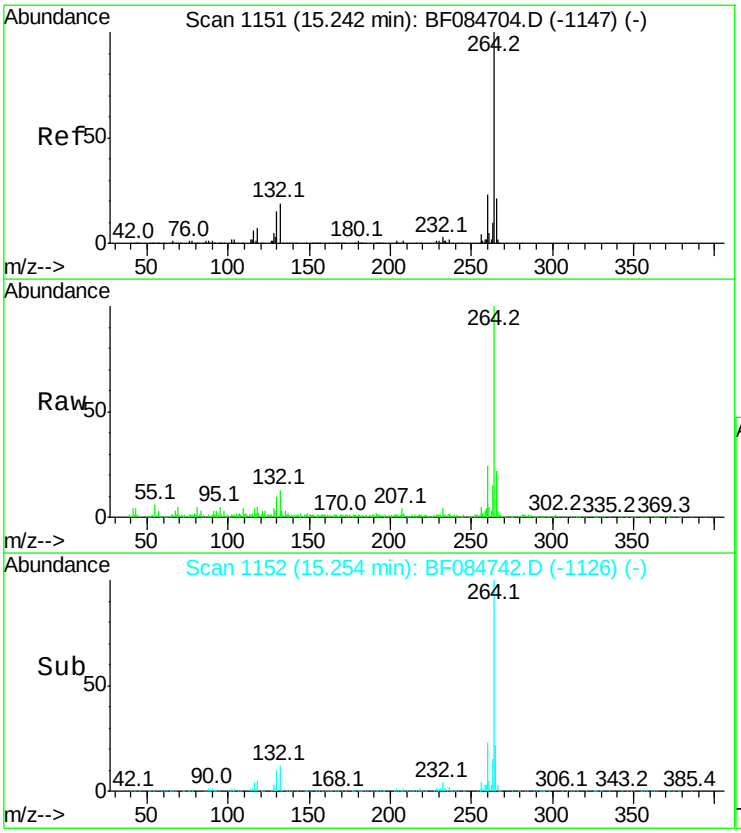
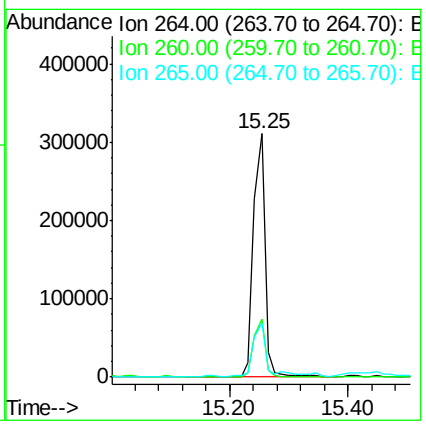


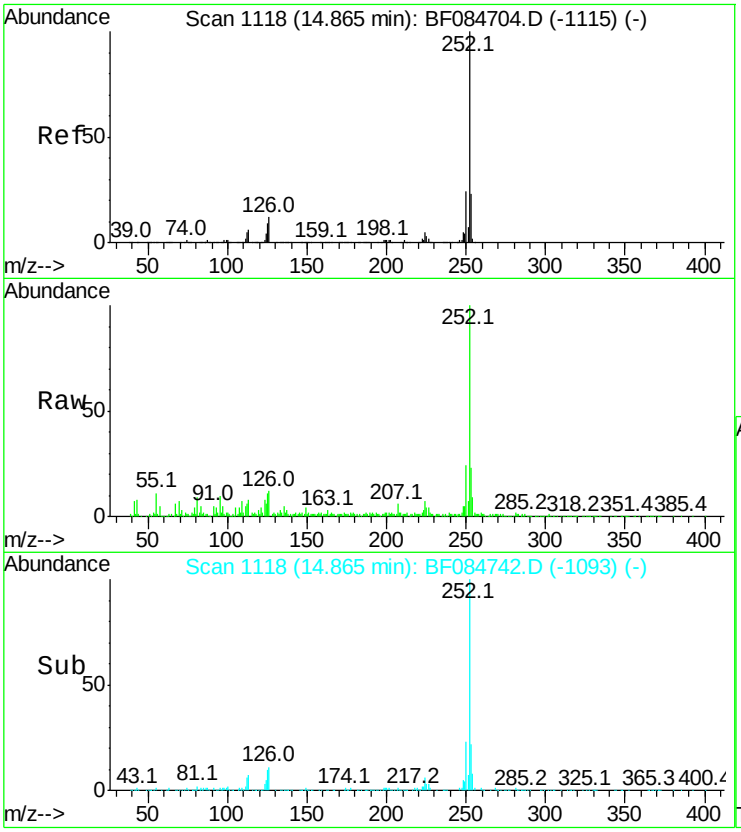


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.25 min Scan# 1152
Delta R.T. -0.00 min
Lab File: BF084742.D
Acq: 2 Feb 2016 6:32

Tgt Ion:264 Resp: 416109

Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.4	29.2
265	22.4	17.8	26.6

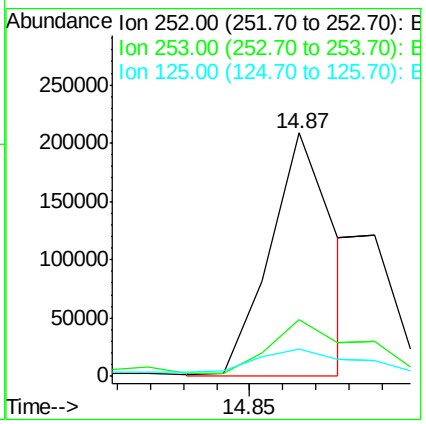




#87
Benzo(b)fluoranthene
Concen: 10.12 ng m
RT: 14.87 min Scan# 1118
Delta R.T. -0.01 min
Lab File: BF084742.D
Acq: 2 Feb 2016 6:32

Tgt Ion:252 Resp: 282991

Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.3	25.9
125	11.4	6.5	9.7#



Instrument :
BNA_F
ClientSampleId :
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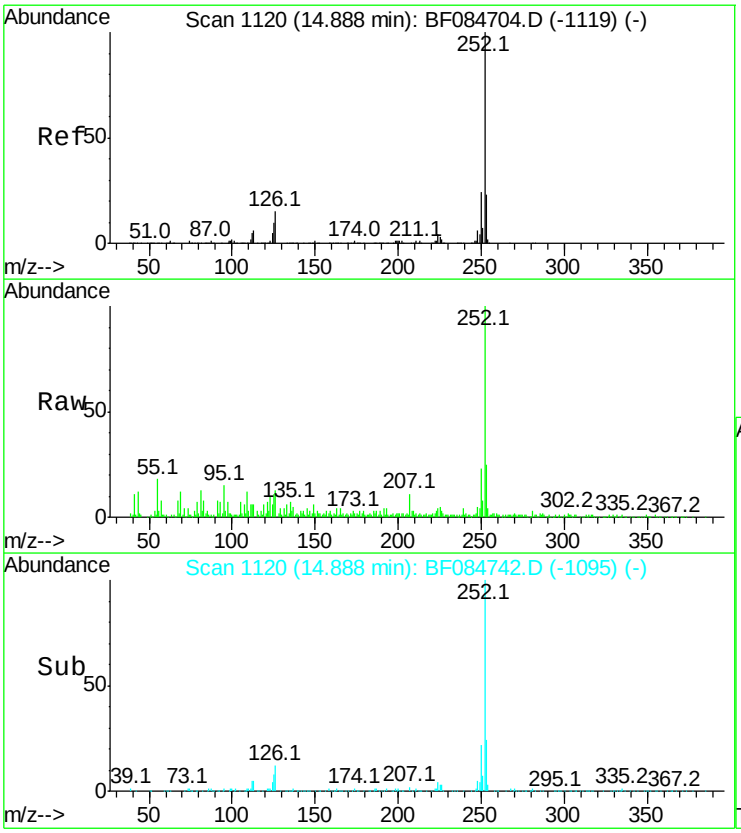
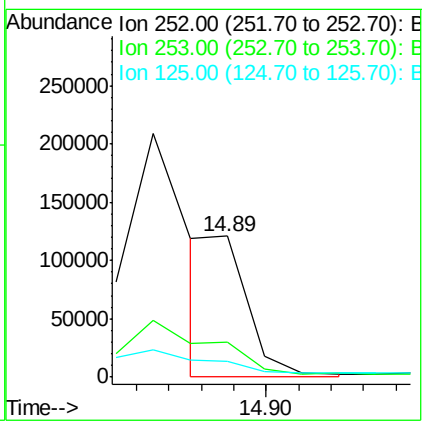
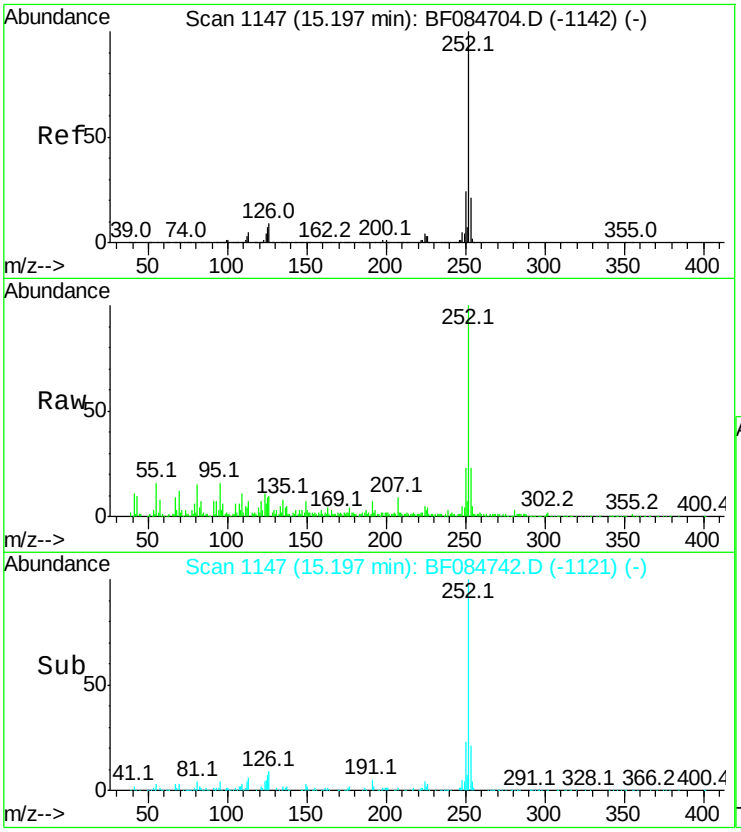


#88
Benzo(k)fluoranthene
Concen: 4.32 ng m
RT: 14.89 min Scan# 1120
Delta R.T. -0.01 min
Lab File: BF084742.D
Acq: 2 Feb 2016 6:32

Tgt Ion:252 Resp: 99772

Ion	Ratio	Lower	Upper
252	100		
253	25.2	18.1	27.1
125	11.0	9.0	13.6





#89
Benzo(a)pyrene
Concen: 8.69 ng
RT: 15.20 min Scan# 1147
Delta R.T. -0.00 min
Lab File: BF084742.D
Acq: 2 Feb 2016 6:32

Tgt Ion:252 Resp: 207075

Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.3	25.9
125	9.4	7.0	10.4

Instrument :
BNA_F
ClientSampleId :
SW006

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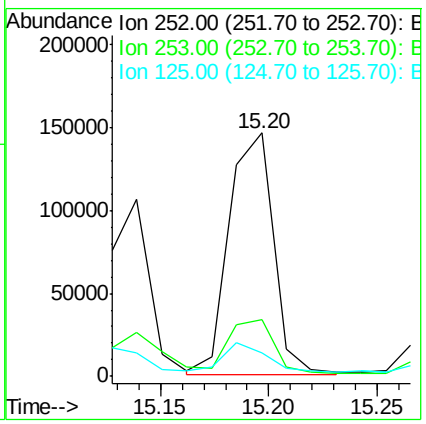

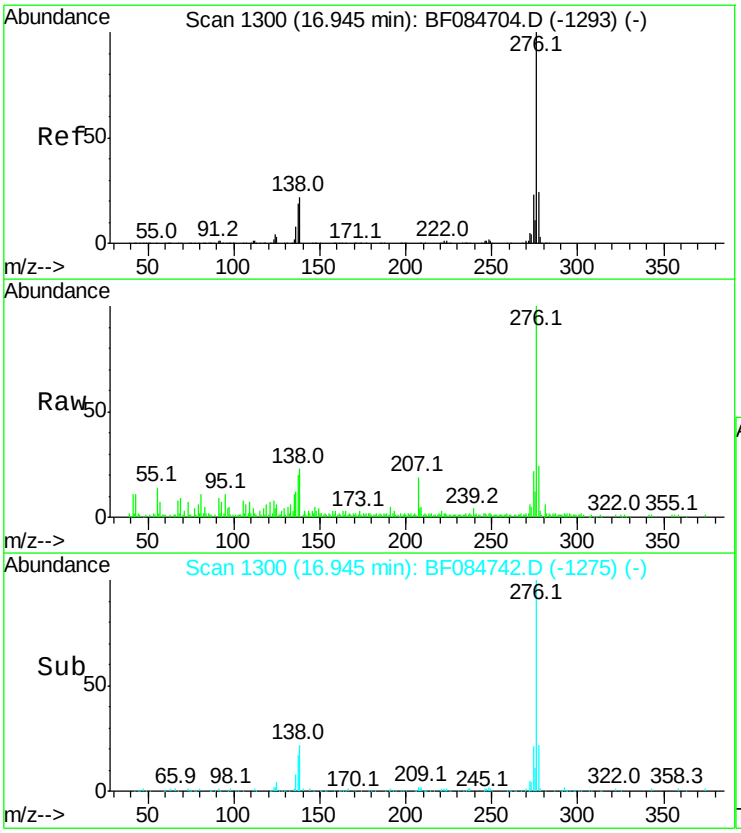

#91
Benzo(g,h,i)perylene
Concen: 6.40 ng
RT: 16.95 min Scan# 1300
Delta R.T. -0.01 min
Lab File: BF084742.D
Acq: 2 Feb 2016 6:32

Tgt Ion:276 Resp: 129338

Ion	Ratio	Lower	Upper
276	100		
277	23.9	18.8	28.2
138	23.0	17.8	26.6