Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020816\
Data File : BF084938.D
Acq On : 8 Feb 2016 19:43
Operator : SJ/IZ
Sample : H1329-18
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S4-B004(0-2)

Quant Time: Feb 09 02:37:35 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 03 14:16:01 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.65	152	178085	20.00	ng		-0.03
21) Naphthalene-d8	7.94	136	750258	20.00	ng		-0.03
38) Acenaphthene-d10	9.69	164	334685	20.00	ng		-0.05
63) Phenanthrene-d10	11.16	188	519686	20.00	ng		-0.05
75) Chrysene-d12	13.79	240	335192	20.00	ng		-0.05
86) Perylene-d12	15.16	264	298113	20.00	ng		-0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.24	112	779224	68.15	ng		-0.03
7) Phenol-d6	6.30	99	1212961	85.58	ng		-0.03
23) Nitrobenzene-d5	7.22	82	806577	60.56	ng		-0.05
41) 2,4,6-Tribromophenol	10.48	330	89860	25.74	ng		-0.05
44) 2-Fluorobiphenyl	9.01	172	1310087	59.79	ng		-0.05
78) Terphenyl-d14	12.75	244	956537	64.67	ng		-0.05
Target Compounds							Qvalue
15) Benzyl Alcohol	6.81	79	20139	2.06	ng	#	51
31) Naphthalene	7.96	128	77876	2.07	ng	#	97
49) Dimethylphthalate	9.41	163	203981	8.00	ng	#	90
53) 2,4-Dinitrophenol	9.98	184	243	5.89	ng	#	55
57) Fluorene	10.22	166	58421	2.63	ng	#	94
60) 4-Chlorophenyl-phenylether	10.05	204	562	Below Cal		#	1
70) Phenanthrene	11.18	178	629807	21.85	ng		97
71) Anthracene	11.24	178	137281	4.73	ng		98
74) Fluoranthene	12.37	202	619984	21.25	ng		95
76) Benzidine	12.48	184	1786	6.99	ng	#	1
77) Pyrene	12.60	202	935611	36.46	ng		99
79) Butylbenzylphthalate	13.23	149	47079	4.04	ng		95
80) Benzo(a)anthracene	13.78	228	285582	13.73	ng		98
82) Chrysene	13.78	228	285582	14.16	ng		96
83) Bis(2-ethylhexyl)phthalate	13.79	149	45346	3.13	ng	#	95
85) Indeno(1,2,3-cd)pyrene	16.42	276	78166	4.92	ng		93
87) Benzo(b)fluoranthene	14.79	252	257986	12.88	ng	#	91
88) Benzo(k)fluoranthene	14.79	252	257187	15.53	ng	#	95
89) Benzo(a)pyrene	15.11	252	165531	9.70	ng	#	93
91) Benzo(g,h,i)perylene	16.81	276	80245	5.54	ng		94

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

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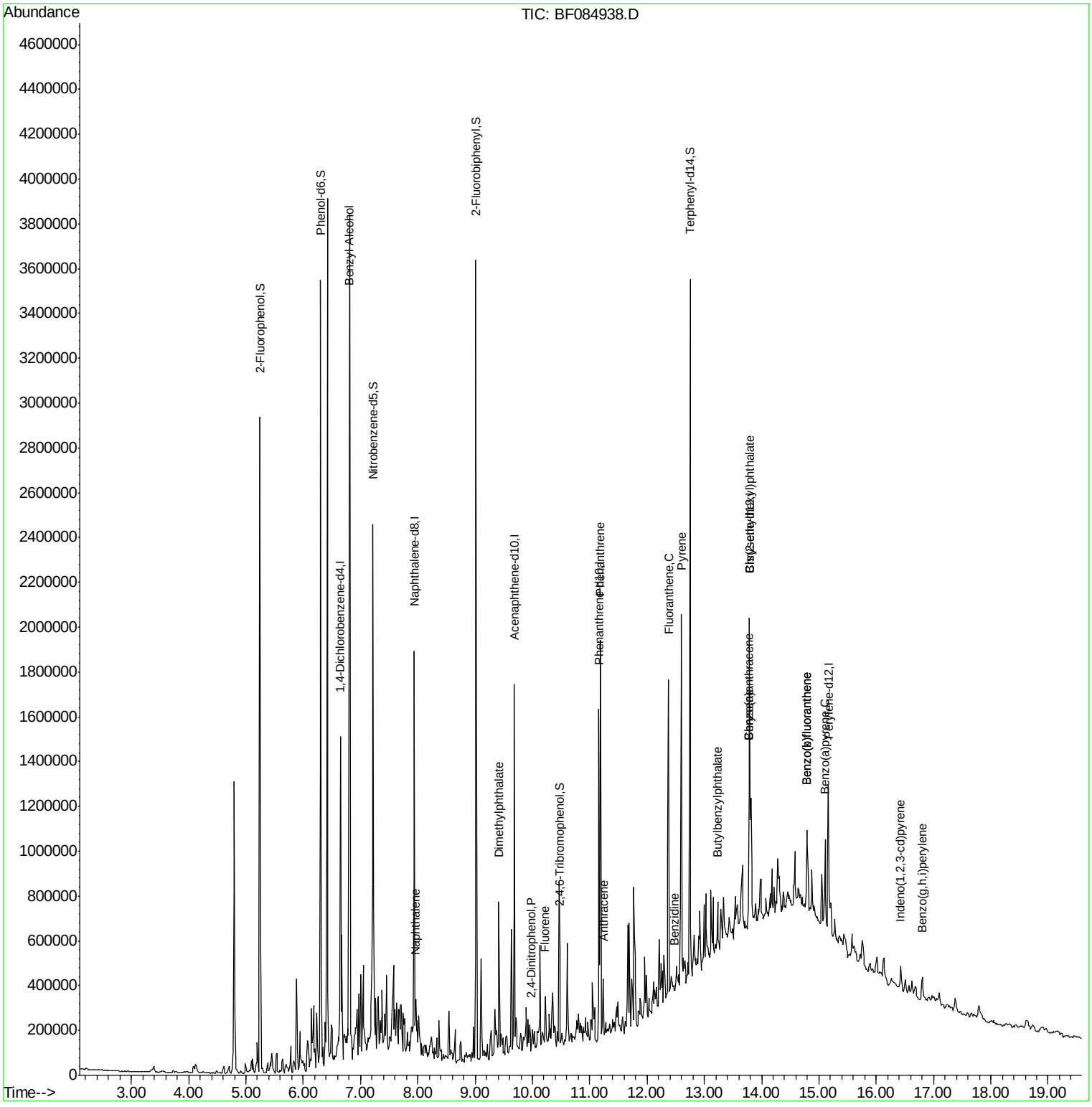
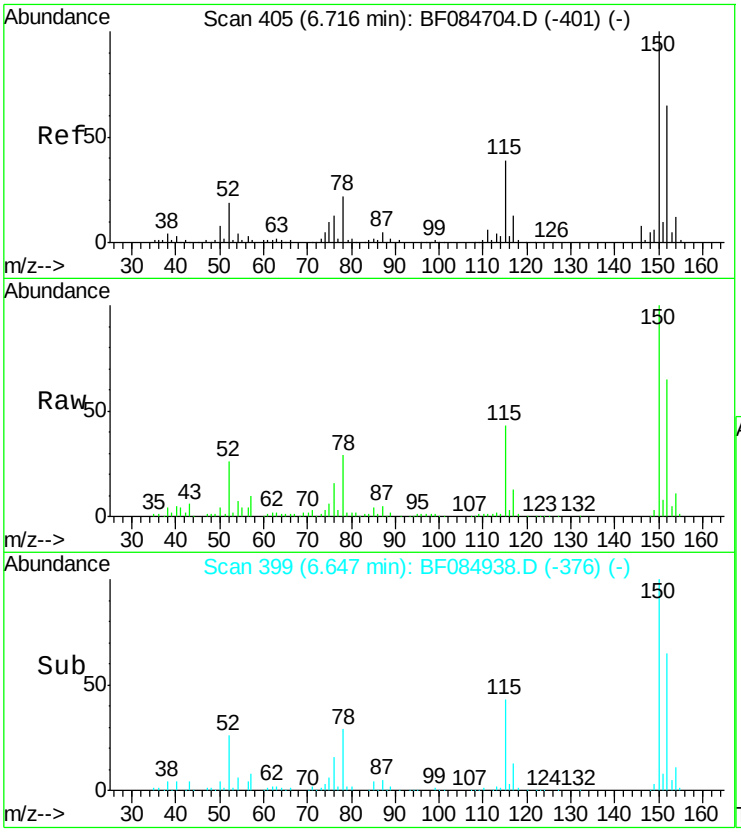


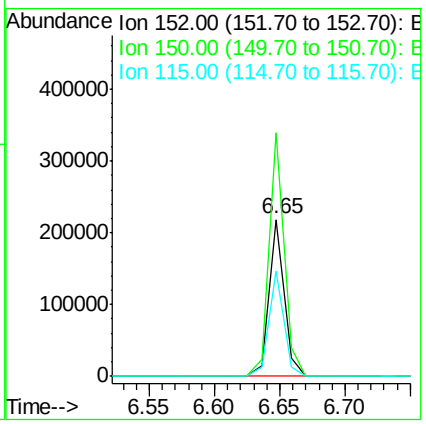


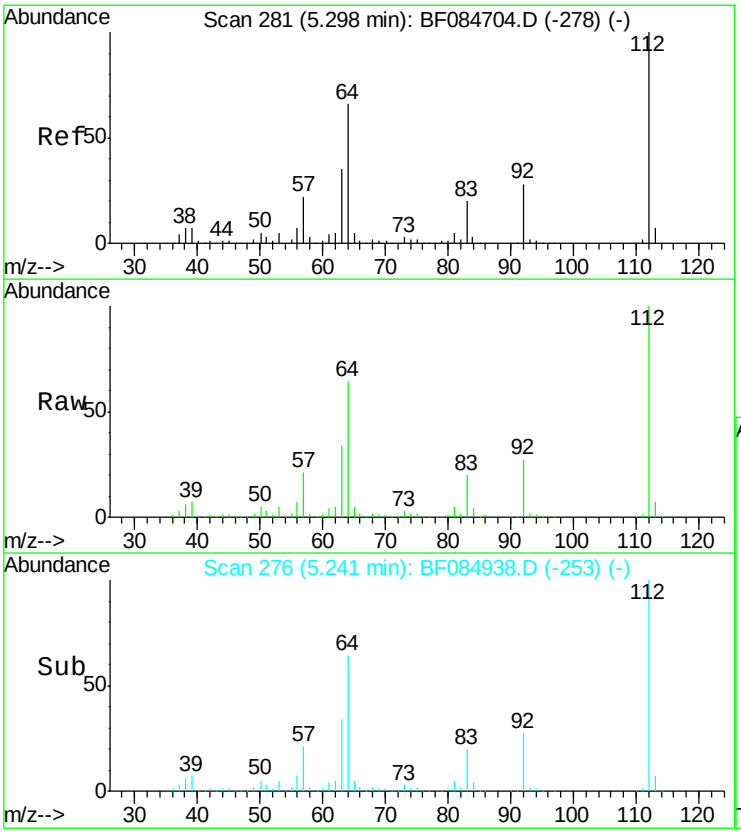
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.65 min Scan# 399
Delta R.T. -0.03 min
Lab File: BF084938.D
Acq: 8 Feb 2016 19:43

Instrument :
BNA_F
ClientSampleId :
S4-B004(0-2)

Tgt Ion:152 Resp: 178085

Ion	Ratio	Lower	Upper
152	100		
150	155.0	123.0	184.4
115	67.3	51.4	77.2

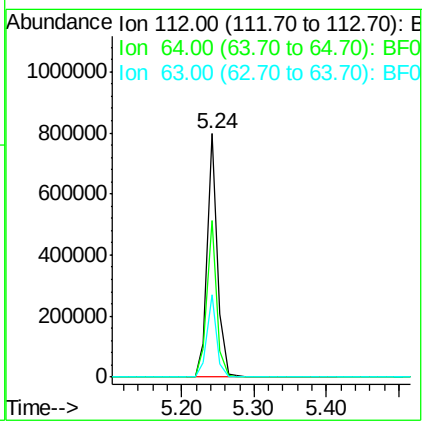


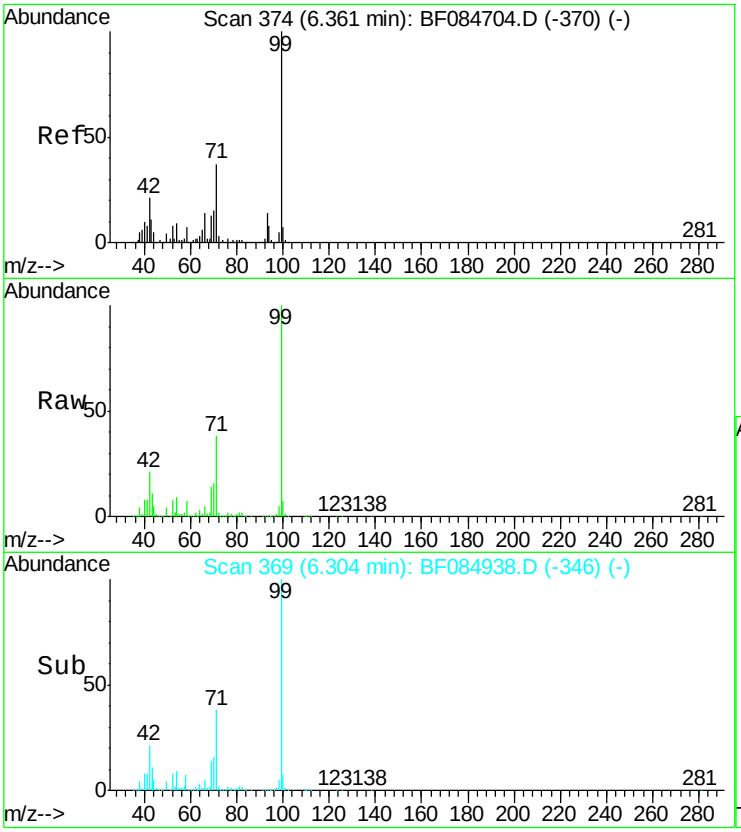


#5
2-Fluorophenol
Concen: 68.15 ng
RT: 5.24 min Scan# 276
Delta R.T. -0.03 min
Lab File: BF084938.D
Acq: 8 Feb 2016 19:43

Tgt Ion:112 Resp: 779224

Ion	Ratio	Lower	Upper
112	100		
64	64.1	36.6	55.0#
63	33.8	19.4	29.0#



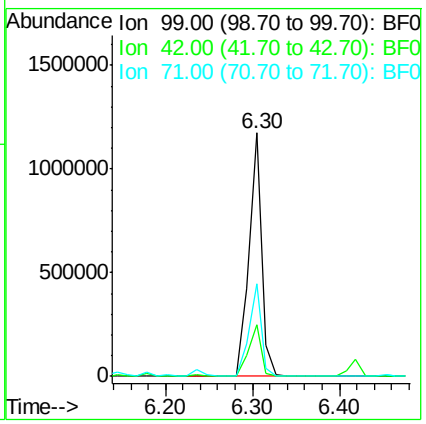


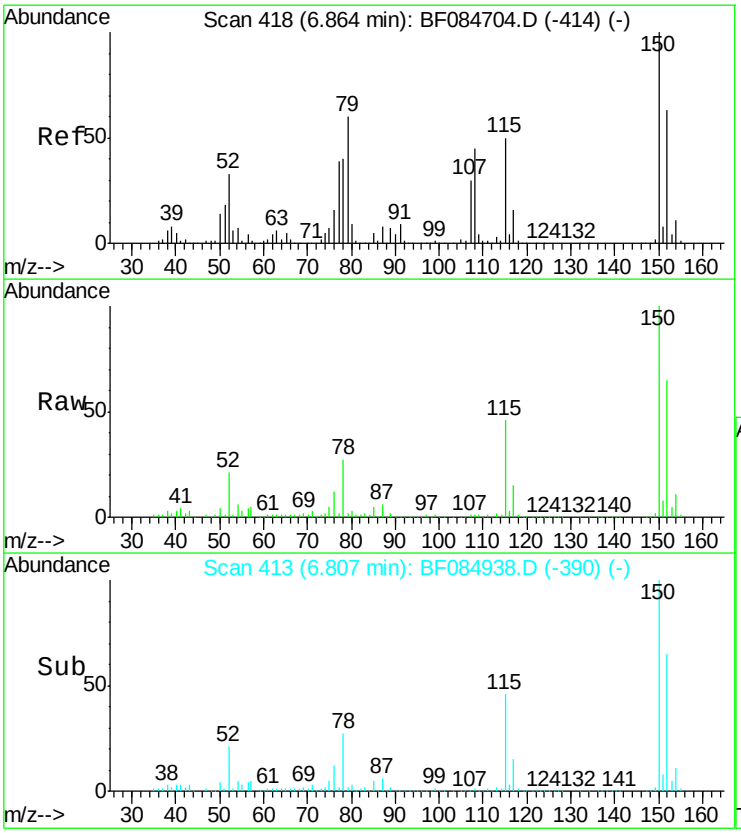
#7
Phenol-d6
Concen: 85.58 ng
RT: 6.30 min Scan# 369
Delta R.T. -0.03 min
Lab File: BF084938.D
Acq: 8 Feb 2016 19:43

Instrument :
BNA_F
ClientSampleId :
S4-B004(0-2)

Tgt Ion: 99 Resp: 1212961

Ion	Ratio	Lower	Upper
99	100		
42	21.1	12.8	19.2#
71	38.2	30.9	46.3

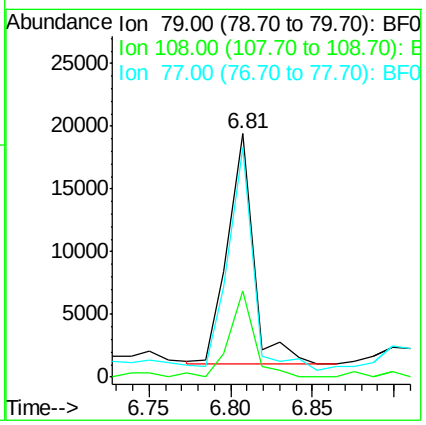


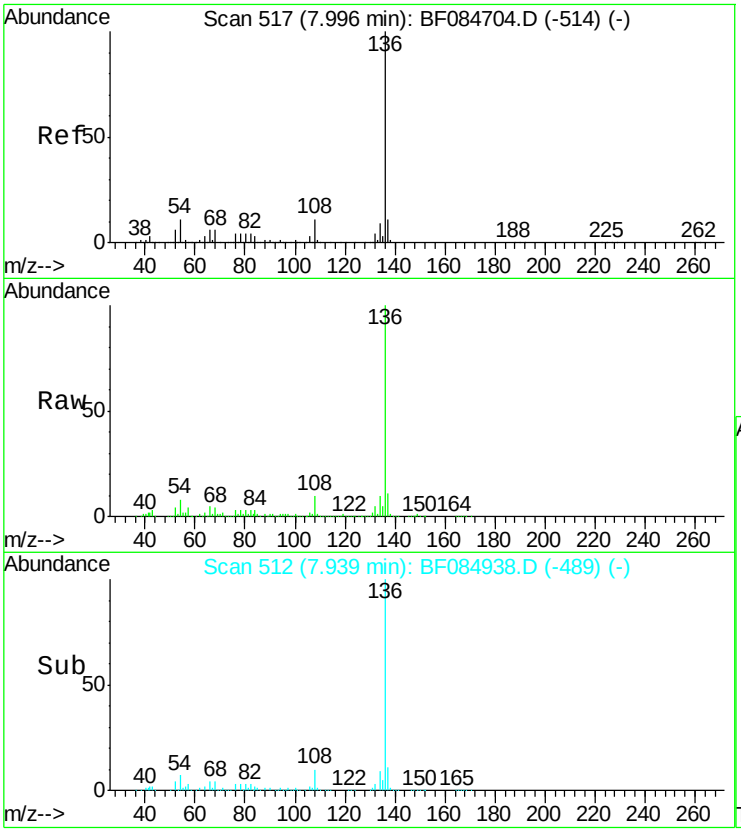


#15
Benzyl Alcohol
Concen: 2.06 ng
RT: 6.81 min Scan# 413
Delta R.T. -0.03 min
Lab File: BF084938.D
Acq: 8 Feb 2016 19:43

Tgt Ion: 79 Resp: 20139

Ion	Ratio	Lower	Upper
79	100		
108	35.3	69.0	103.4#
77	94.4	50.0	75.0#



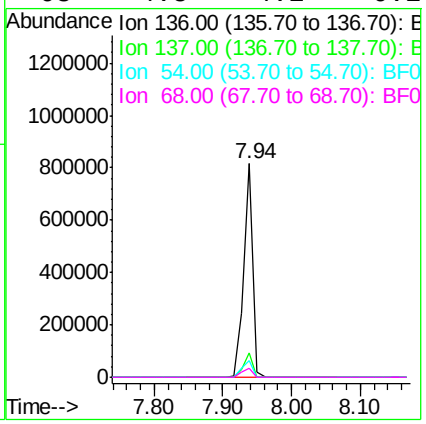


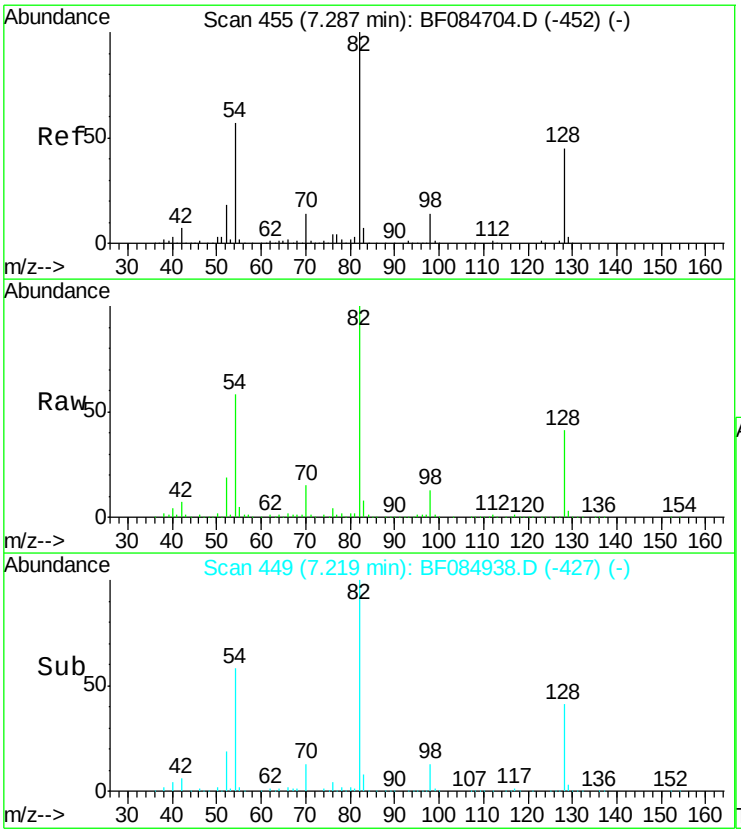
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.94 min Scan# 512
Delta R.T. -0.03 min
Lab File: BF084938.D
Acq: 8 Feb 2016 19:43

Instrument :
BNA_F
ClientSampleId :
S4-B004(0-2)

Tgt Ion:136 Resp: 750258

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.7	13.1
54	7.6	5.8	8.8
68	4.5	4.2	6.2

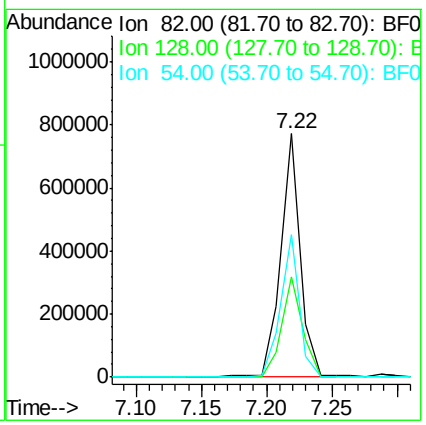


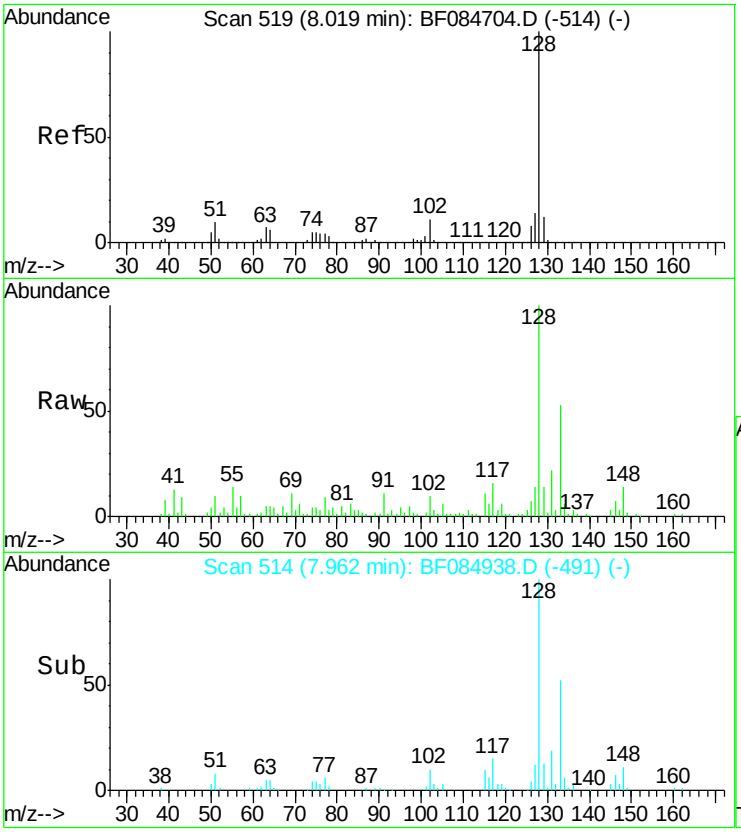


#23
Nitrobenzene-d5
Concen: 60.56 ng
RT: 7.22 min Scan# 449
Delta R.T. -0.05 min
Lab File: BF084938.D
Acq: 8 Feb 2016 19:43

Tgt Ion: 82 Resp: 806577

Ion	Ratio	Lower	Upper
82	100		
128	41.1	34.6	51.8
54	58.4	38.4	57.6#



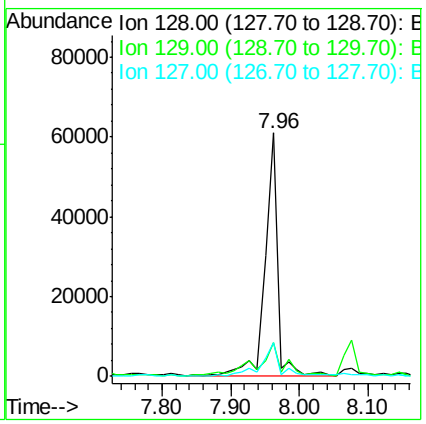


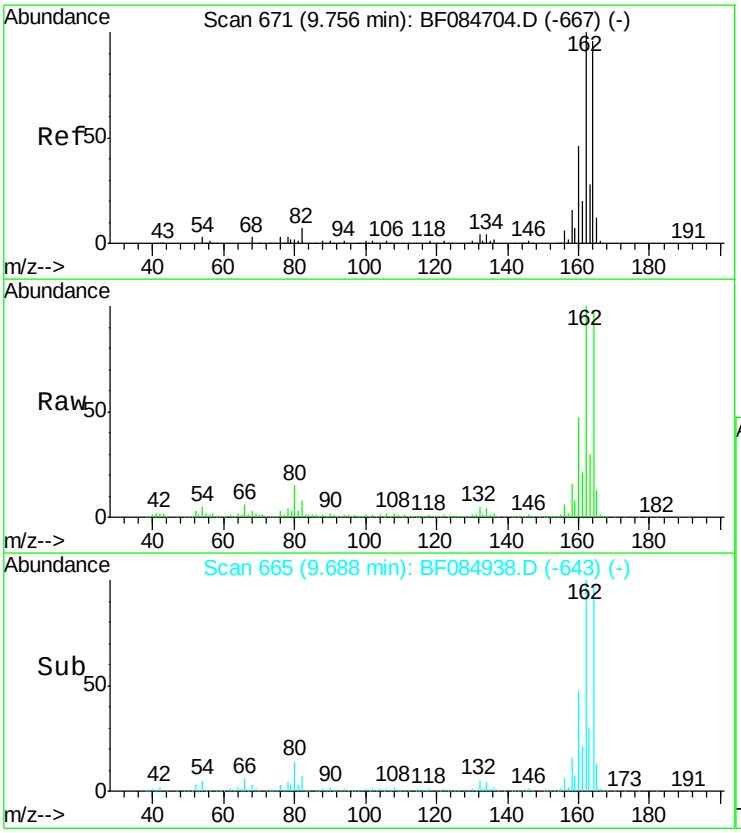
#31
Naphthalene
Concen: 2.07 ng
RT: 7.96 min Scan# 514
Delta R.T. -0.03 min
Lab File: BF084938.D
Acq: 8 Feb 2016 19:43

Instrument :
BNA_F
ClientSampleId :
S4-B004(0-2)

Tgt Ion:128 Resp: 77876

Ion	Ratio	Lower	Upper
128	100		
129	13.8	9.1	13.7#
127	13.6	11.1	16.7

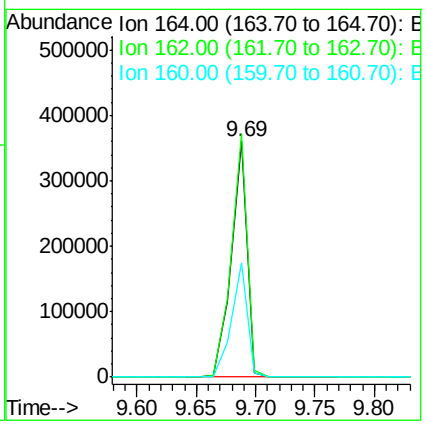


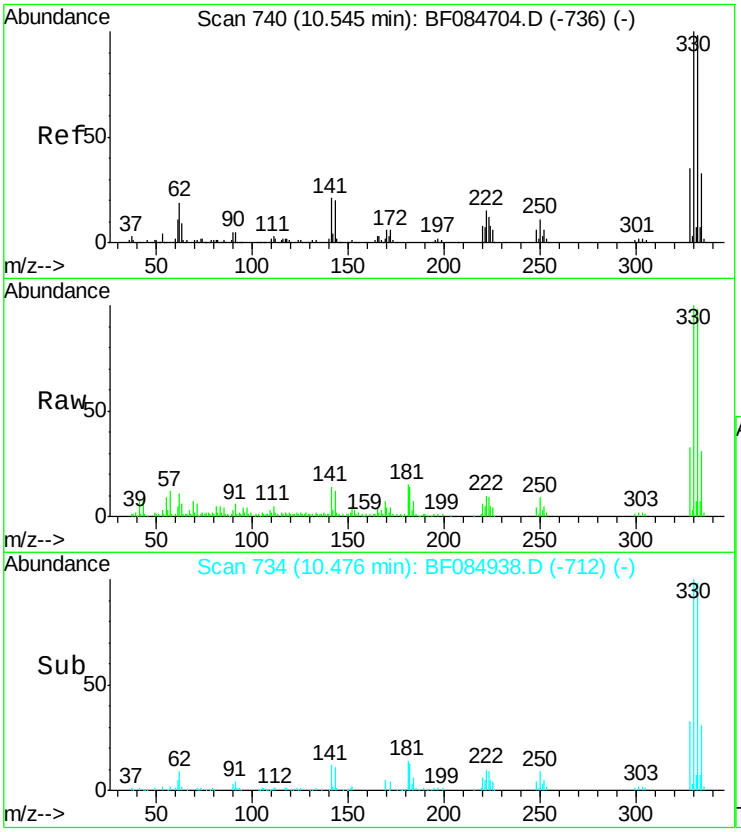


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.69 min Scan# 665
Delta R.T. -0.05 min
Lab File: BF084938.D
Acq: 8 Feb 2016 19:43

Tgt Ion:164 Resp: 334685

Ion	Ratio	Lower	Upper
164	100		
162	103.4	85.1	127.7
160	48.3	37.5	56.3



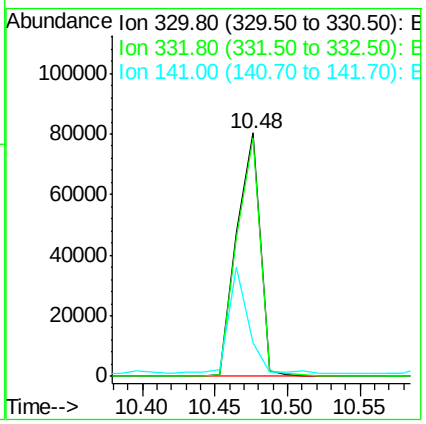


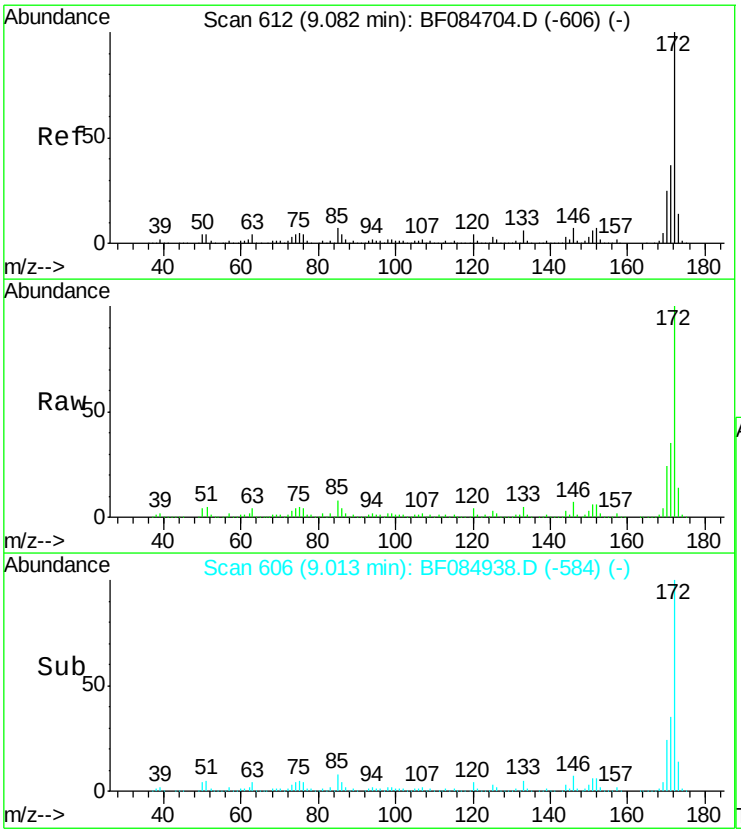
#41
2,4,6-Tribromophenol
Concen: 25.74 ng
RT: 10.48 min Scan# 734
Delta R.T. -0.05 min
Lab File: BF084938.D
Acq: 8 Feb 2016 19:43

Instrument :
BNA_F
ClientSampleId :
S4-B004(0-2)

Tgt Ion:330 Resp: 89860

Ion	Ratio	Lower	Upper
330	100		
332	97.6	76.6	114.8
141	38.4	27.8	41.6

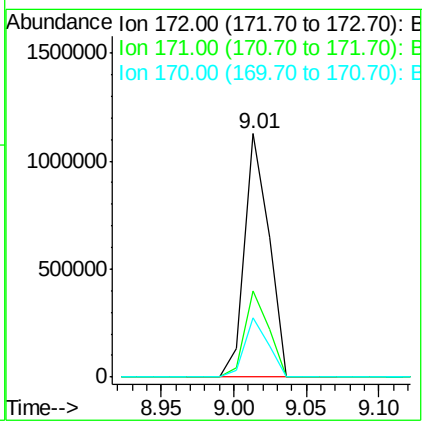


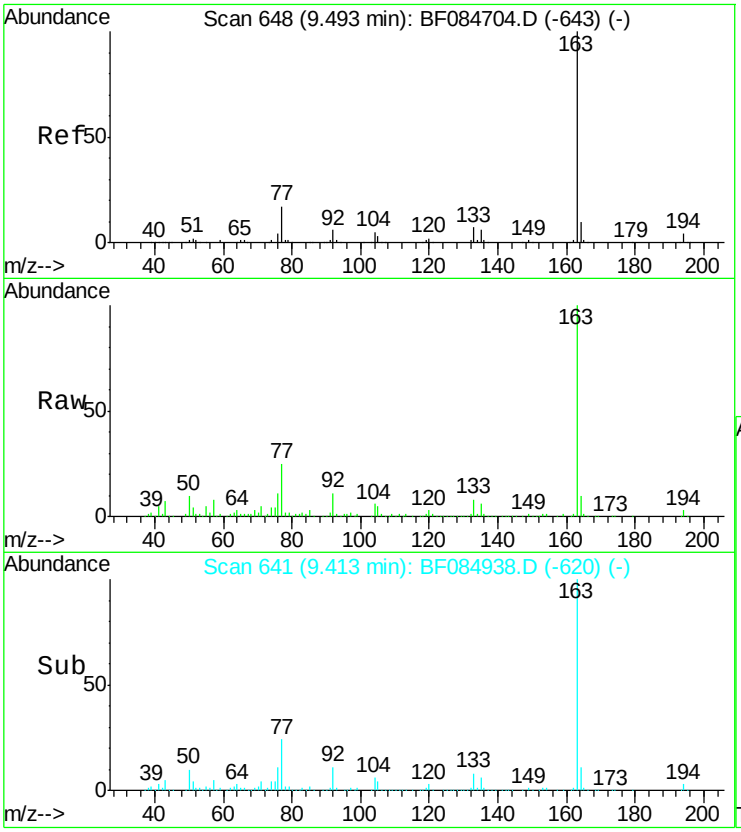


#44
2-Fluorobiphenyl
Concen: 59.79 ng
RT: 9.01 min Scan# 606
Delta R.T. -0.05 min
Lab File: BF084938.D
Acq: 8 Feb 2016 19:43

Tgt Ion:172 Resp: 1310087

Ion	Ratio	Lower	Upper
172	100		
171	35.4	28.9	43.3
170	24.3	18.6	27.8



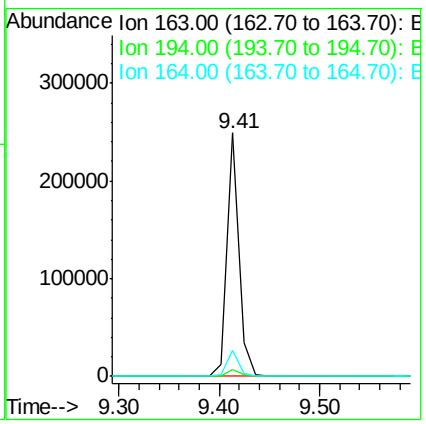


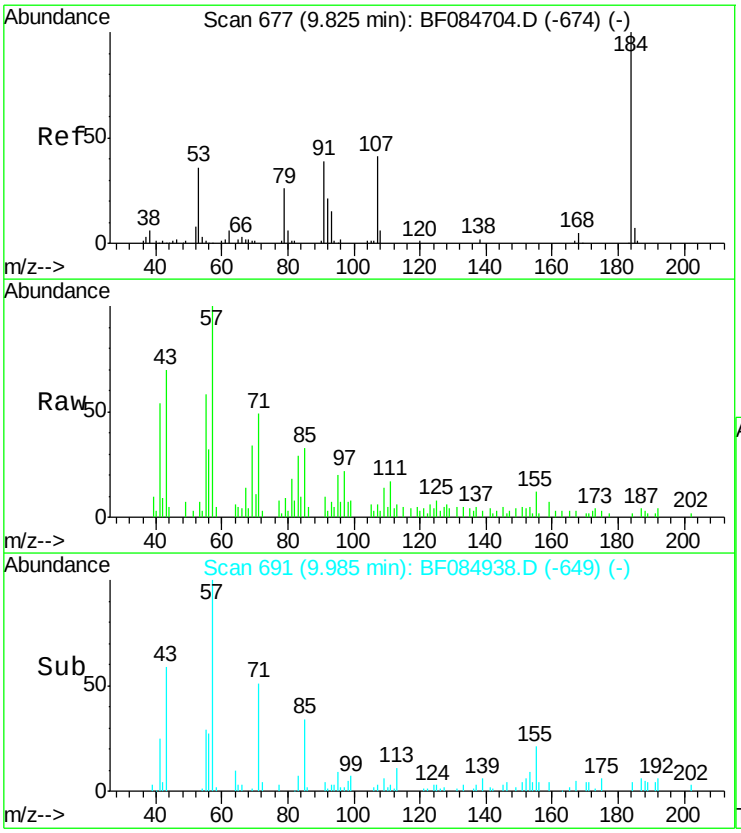
#49
Dimethylphthalate
Concen: 8.00 ng
RT: 9.41 min Scan# 641
Delta R.T. -0.06 min
Lab File: BF084938.D
Acq: 8 Feb 2016 19:43

Instrument :
BNA_F
ClientSampleId :
S4-B004(0-2)

Tgt Ion:163 Resp: 203981

Ion	Ratio	Lower	Upper
163	100		
194	3.0	8.0	12.0#
164	10.5	8.0	12.0

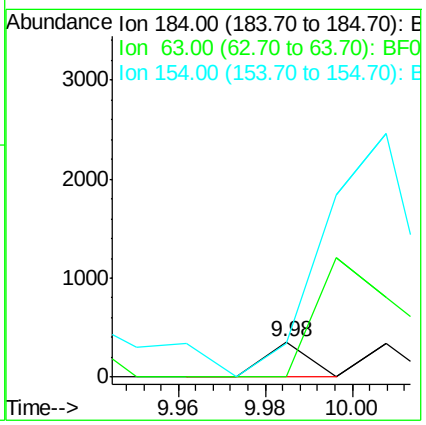


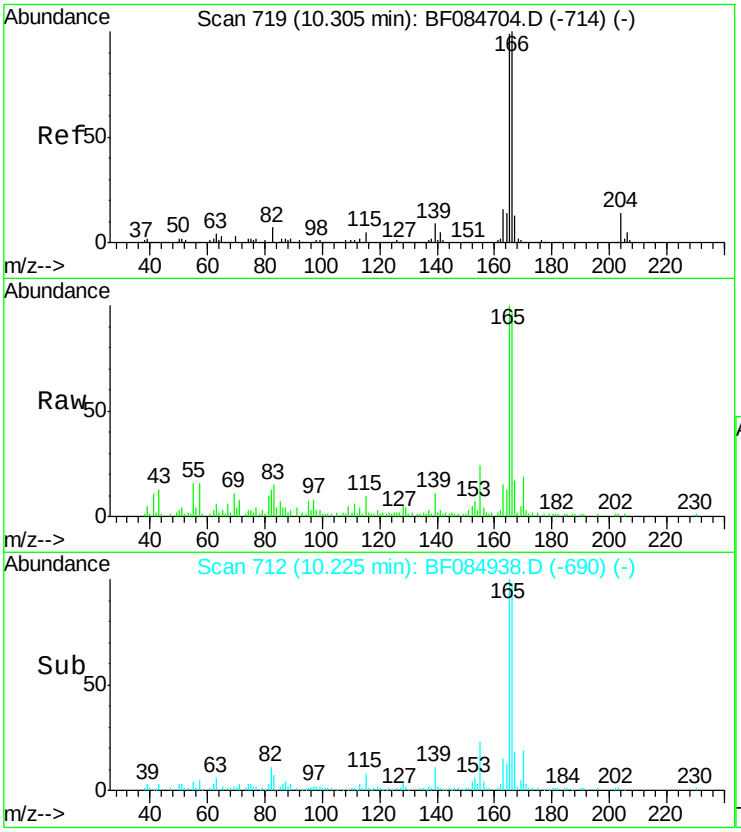


#53
2,4-Dinitrophenol
Concen: 5.89 ng
RT: 9.98 min Scan# 691
Delta R.T. 0.18 min
Lab File: BF084938.D
Acq: 8 Feb 2016 19:43

Tgt Ion:184 Resp: 243

Ion	Ratio	Lower	Upper
184	100		
63	0.0	43.1	64.7#
154	95.5	60.5	90.7#



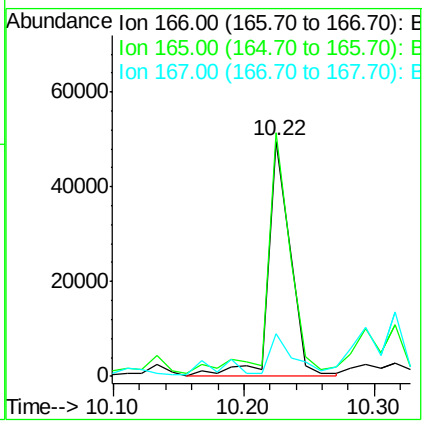


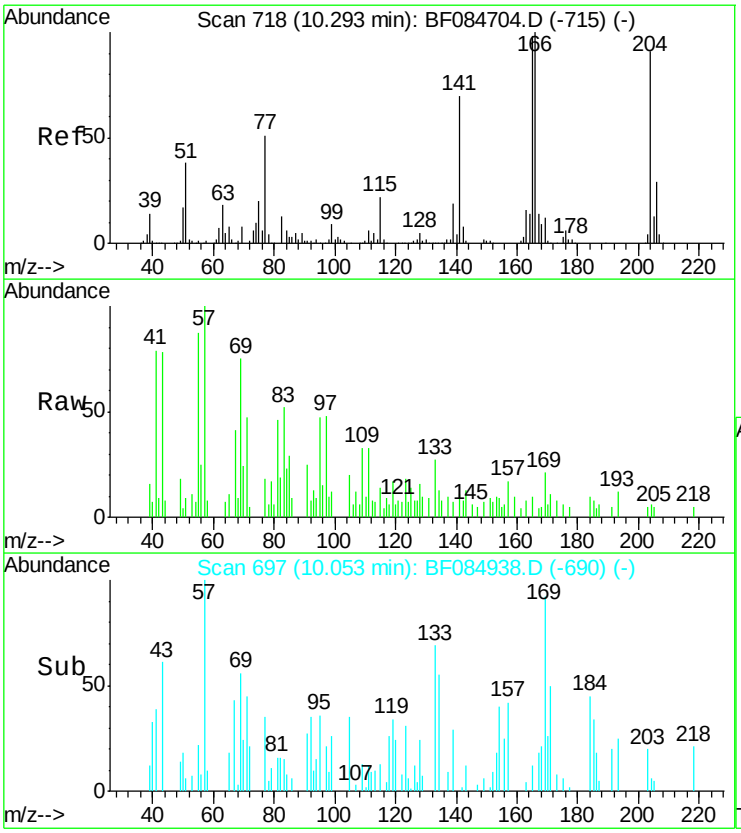
#57
Fluorene
Concen: 2.63 ng
RT: 10.22 min Scan# 712
Delta R.T. -0.05 min
Lab File: BF084938.D
Acq: 8 Feb 2016 19:43

Instrument :
BNA_F
ClientSampleId :
S4-B004(0-2)

Tgt Ion:166 Resp: 58421

Ion	Ratio	Lower	Upper
166	100		
165	103.6	79.1	118.7
167	18.1	10.4	15.6#

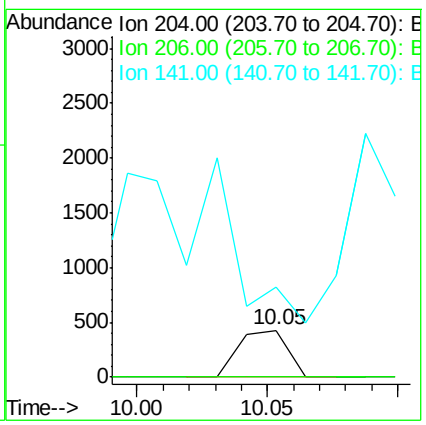


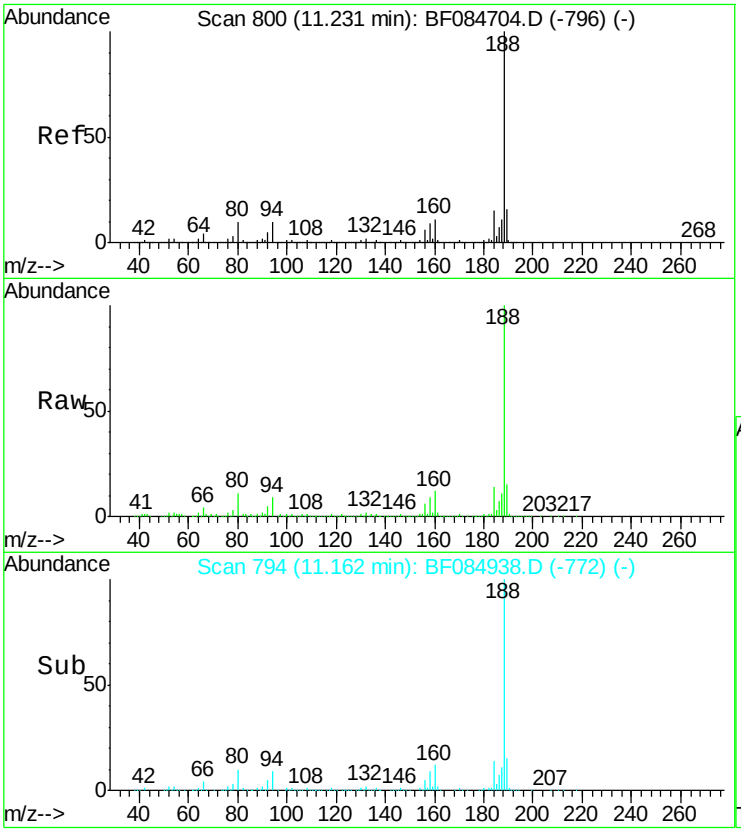


#60
4-Chlorophenyl-phenylether
Concen: Below Cal
RT: 10.05 min Scan# 697
Delta R.T. -0.22 min
Lab File: BF084938.D
Acq: 8 Feb 2016 19:43

Tgt Ion:204 Resp: 562

Ion	Ratio	Lower	Upper
204	100		
206	0.0	25.7	38.5#
141	191.6	55.1	82.7#



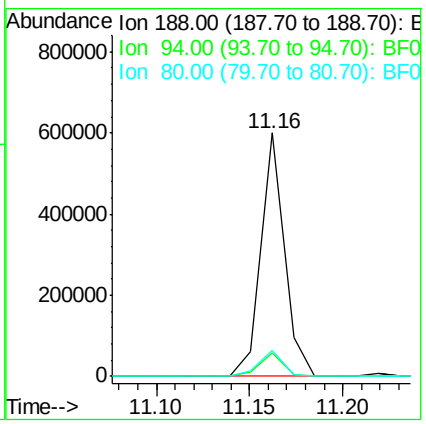


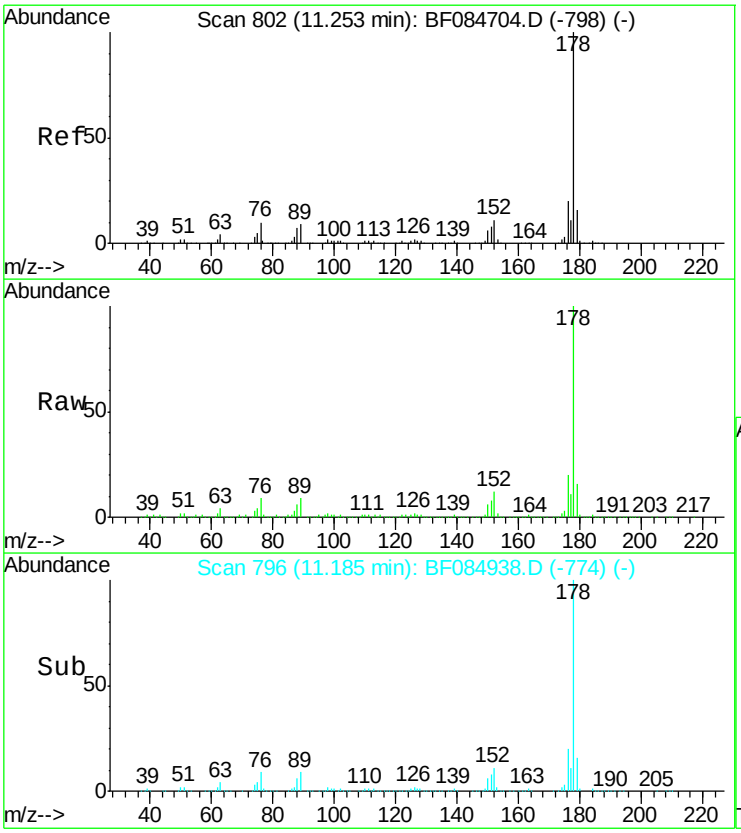
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.16 min Scan# 794
Delta R.T. -0.05 min
Lab File: BF084938.D
Acq: 8 Feb 2016 19:43

Instrument :
BNA_F
ClientSampleId :
S4-B004(0-2)

Tgt Ion:188 Resp: 519686

Ion	Ratio	Lower	Upper
188	100		
94	9.4	9.0	13.4
80	10.5	9.6	14.4

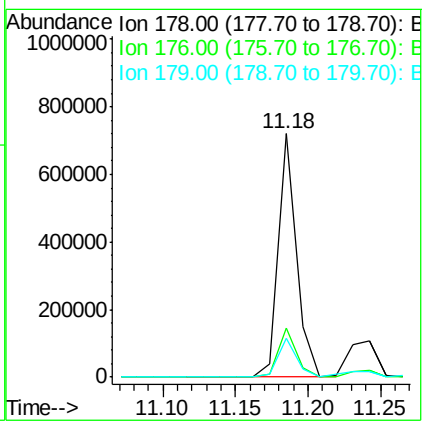


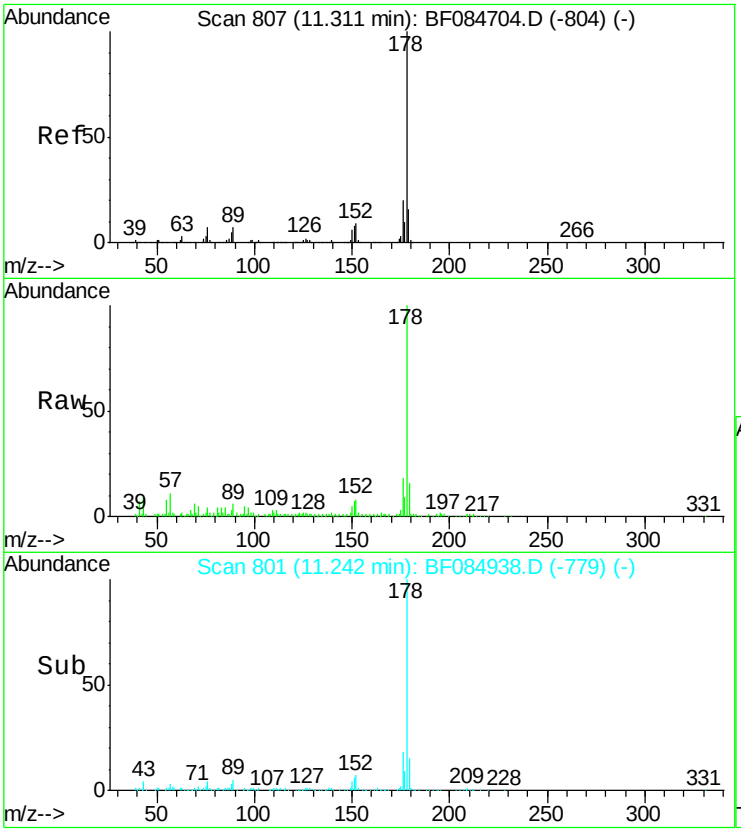


#70
Phenanthrene
Concen: 21.85 ng
RT: 11.18 min Scan# 796
Delta R.T. -0.05 min
Lab File: BF084938.D
Acq: 8 Feb 2016 19:43

Tgt Ion:178 Resp: 629807

Ion	Ratio	Lower	Upper
178	100		
176	20.2	15.3	22.9
179	16.2	12.0	18.0



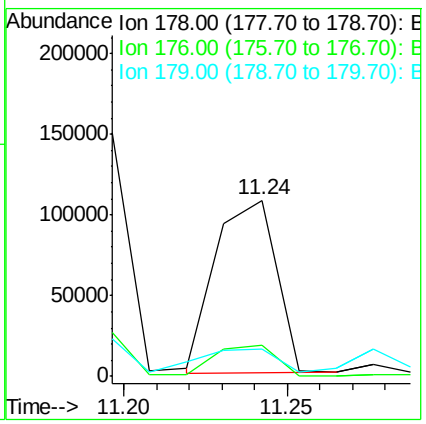


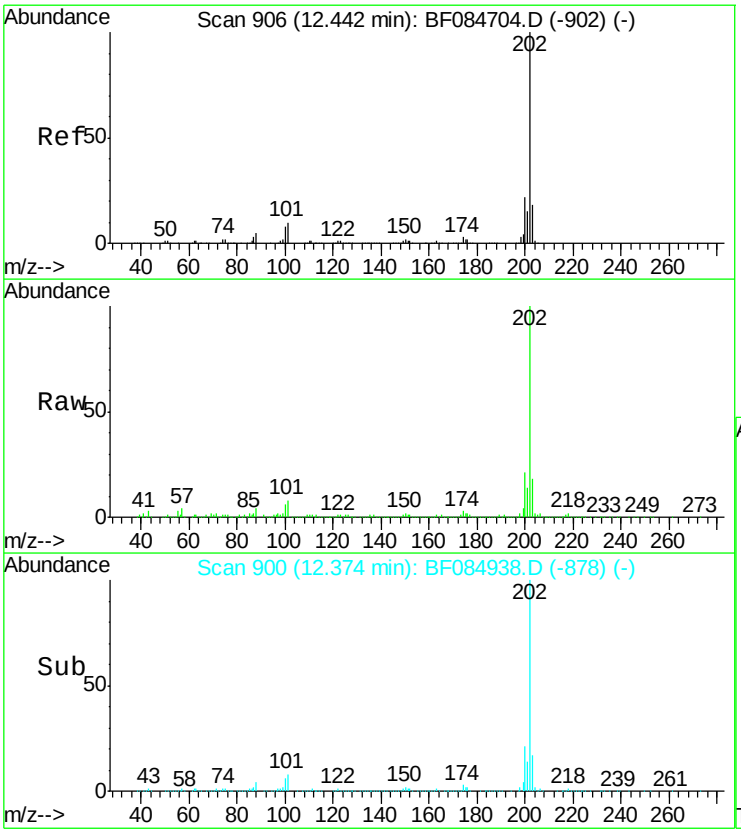
#71
Anthracene
Concen: 4.73 ng
RT: 11.24 min Scan# 801
Delta R.T. -0.05 min
Lab File: BF084938.D
Acq: 8 Feb 2016 19:43

Instrument :
BNA_F
ClientSampleId :
S4-B004(0-2)

Tgt Ion:178 Resp: 137281

Ion	Ratio	Lower	Upper
178	100		
176	17.9	15.4	23.0
179	15.6	12.5	18.7

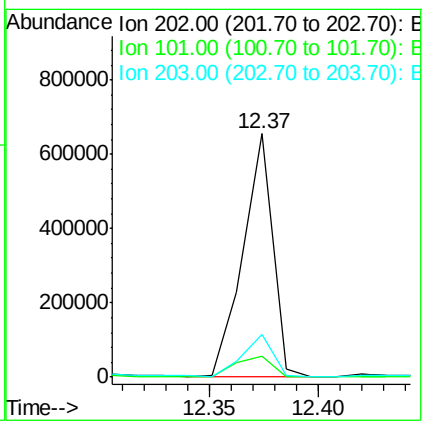


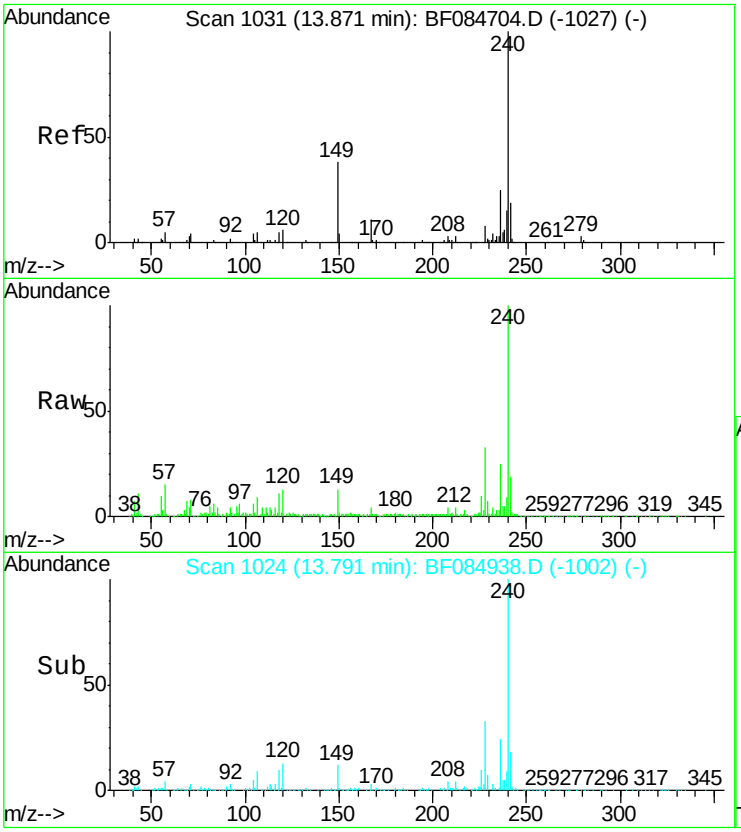


#74
Fluoranthene
Concen: 21.25 ng
RT: 12.37 min Scan# 900
Delta R.T. -0.05 min
Lab File: BF084938.D
Acq: 8 Feb 2016 19:43

Tgt Ion:202 Resp: 619984

Ion	Ratio	Lower	Upper
202	100		
101	8.3	0.0	32.8
203	17.5	0.0	37.9



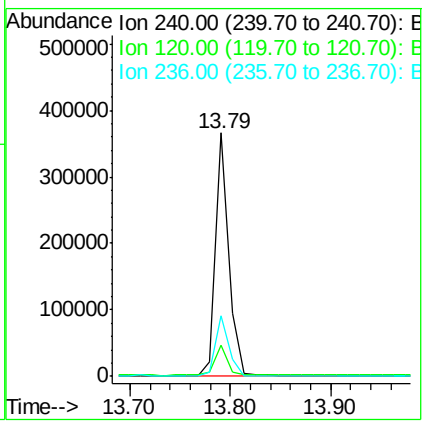


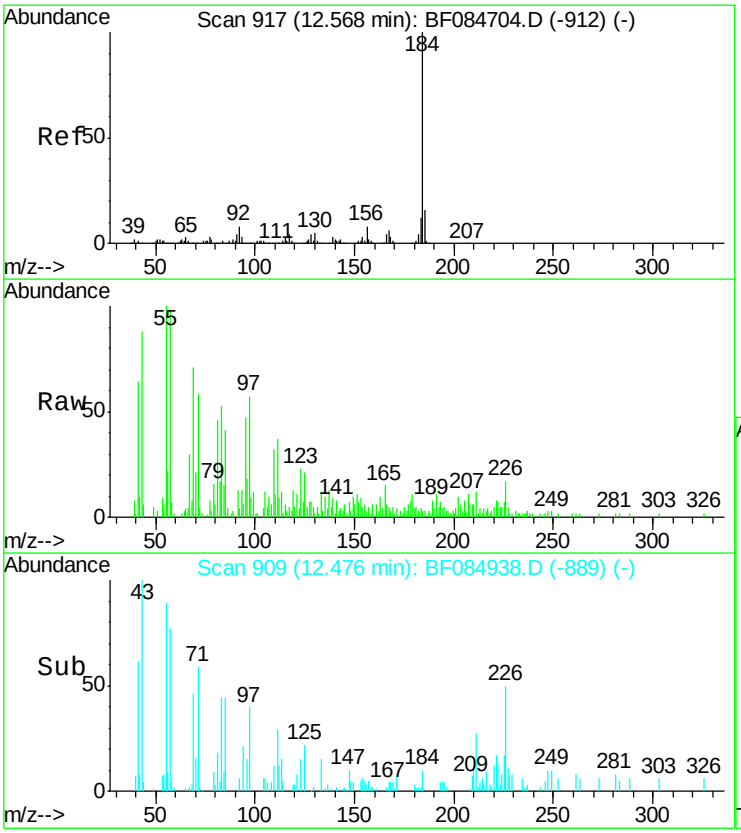
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.79 min Scan# 1024
Delta R.T. -0.05 min
Lab File: BF084938.D
Acq: 8 Feb 2016 19:43

Instrument :
BNA_F
ClientSampleId :
S4-B004(0-2)

Tgt Ion:240 Resp: 335192

Ion	Ratio	Lower	Upper
240	100		
120	13.0	9.5	14.3
236	24.9	20.6	31.0

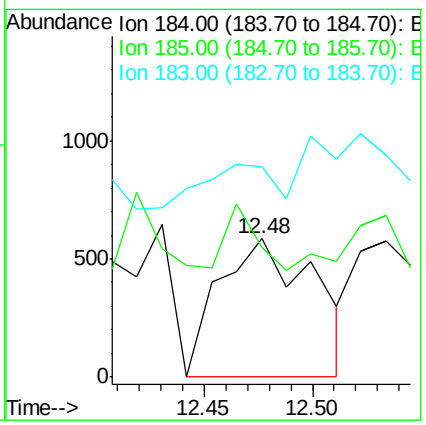


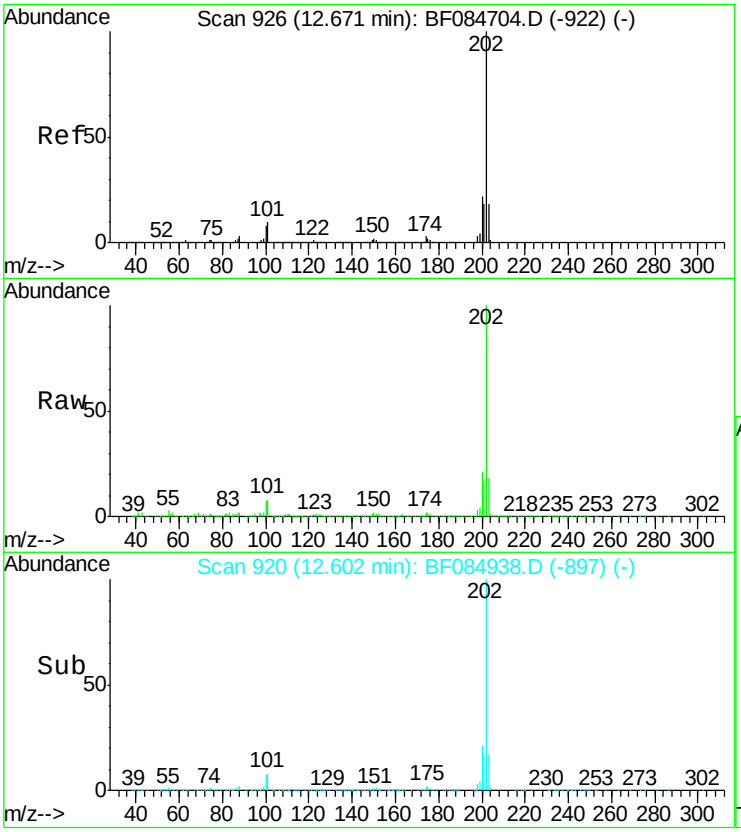


#76
Benzidine
Concen: 6.99 ng
RT: 12.48 min Scan# 909
Delta R.T. -0.07 min
Lab File: BF084938.D
Acq: 8 Feb 2016 19:43

Tgt Ion:184 Resp: 1786

Ion	Ratio	Lower	Upper
184	100		
185	94.0	12.2	18.2#
183	152.0	9.8	14.8#



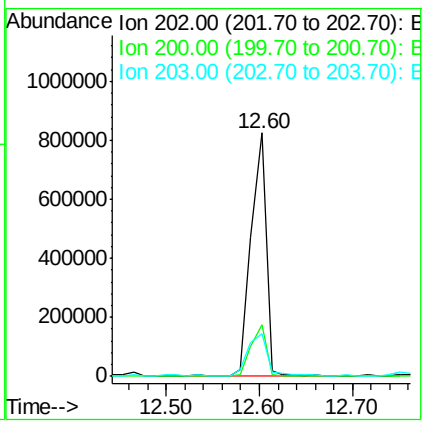


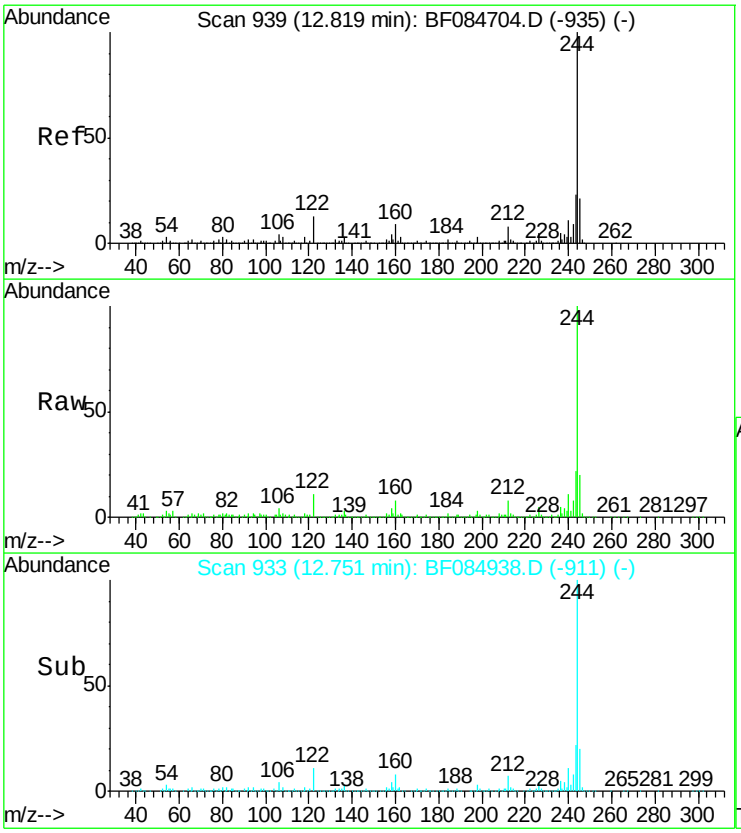
#77
Pyrene
Concen: 36.46 ng
RT: 12.60 min Scan# 920
Delta R.T. -0.03 min
Lab File: BF084938.D
Acq: 8 Feb 2016 19:43

Instrument :
BNA_F
ClientSampleId :
S4-B004(0-2)

Tgt Ion:202 Resp: 935611

Ion	Ratio	Lower	Upper
202	100		
200	21.1	17.2	25.8
203	17.6	14.3	21.5

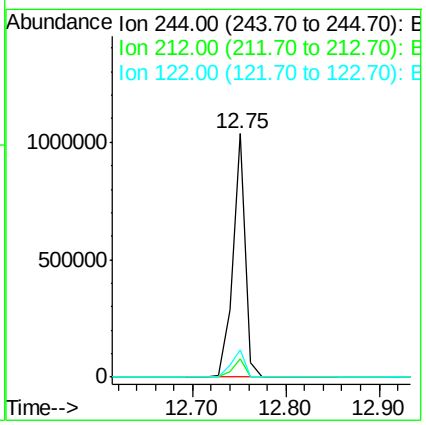


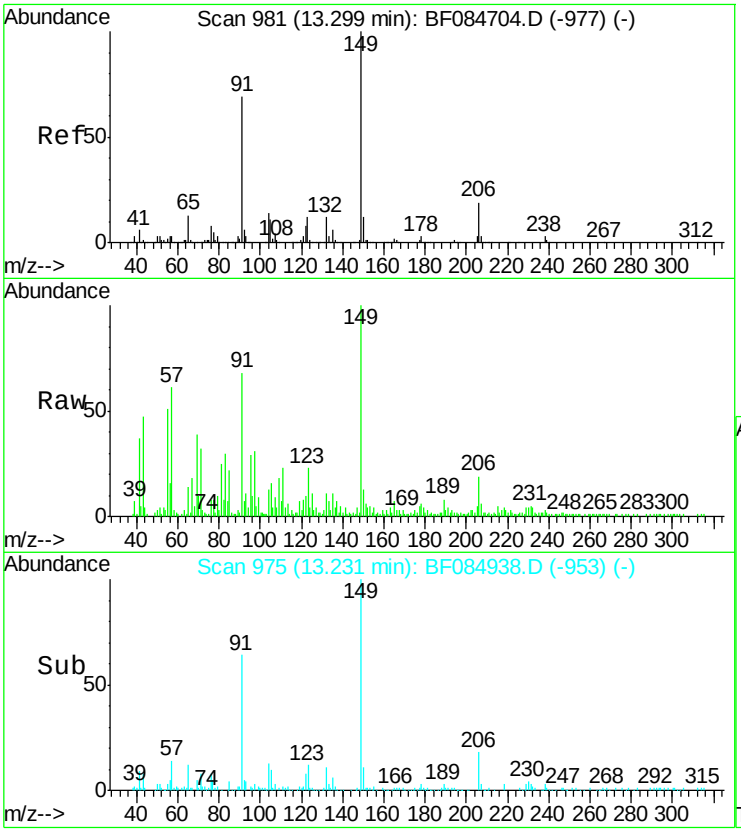


#78
Terphenyl-d14
Concen: 64.67 ng
RT: 12.75 min Scan# 933
Delta R.T. -0.05 min
Lab File: BF084938.D
Acq: 8 Feb 2016 19:43

Tgt Ion:244 Resp: 956537

Ion	Ratio	Lower	Upper
244	100		
212	7.5	5.7	8.5
122	11.2	7.4	11.0#



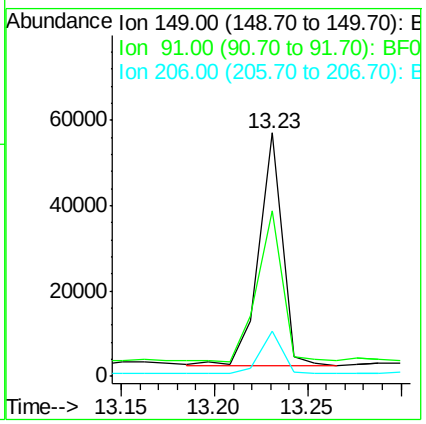


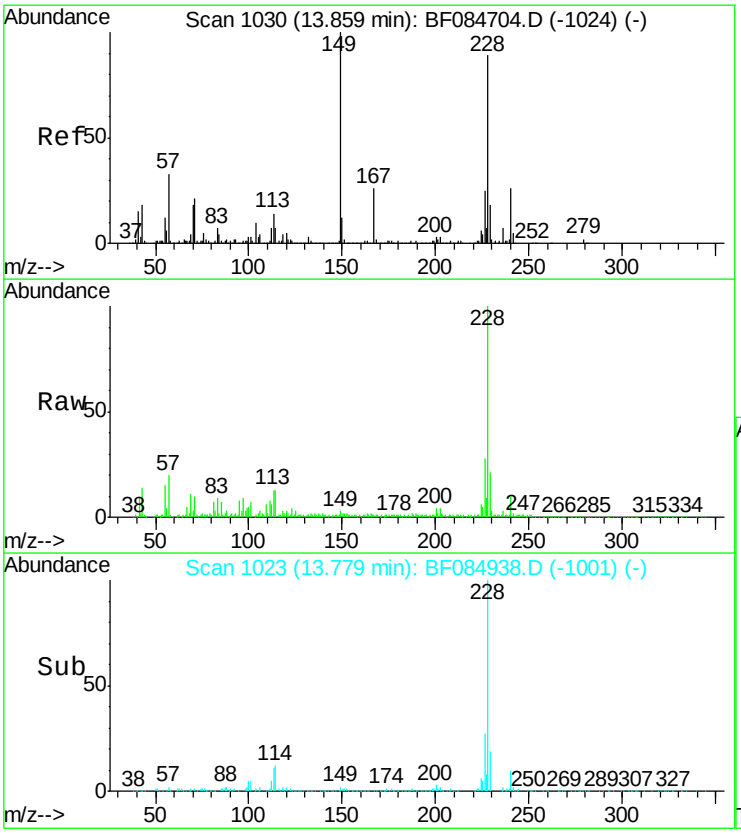
#79
Butylbenzylphthalate
Concen: 4.04 ng
RT: 13.23 min Scan# 975
Delta R.T. -0.05 min
Lab File: BF084938.D
Acq: 8 Feb 2016 19:43

Instrument :
BNA_F
ClientSampleId :
S4-B004(0-2)

Tgt Ion:149 Resp: 47079

Ion	Ratio	Lower	Upper
149	100		
91	67.8	57.6	86.4
206	18.8	13.2	19.8

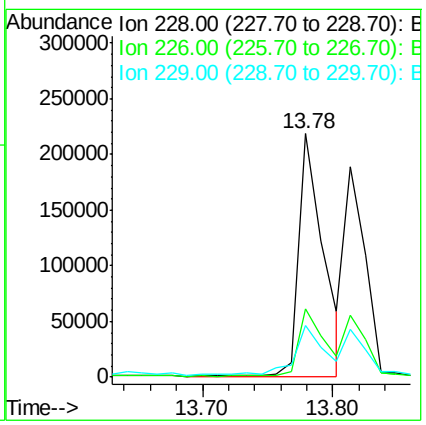


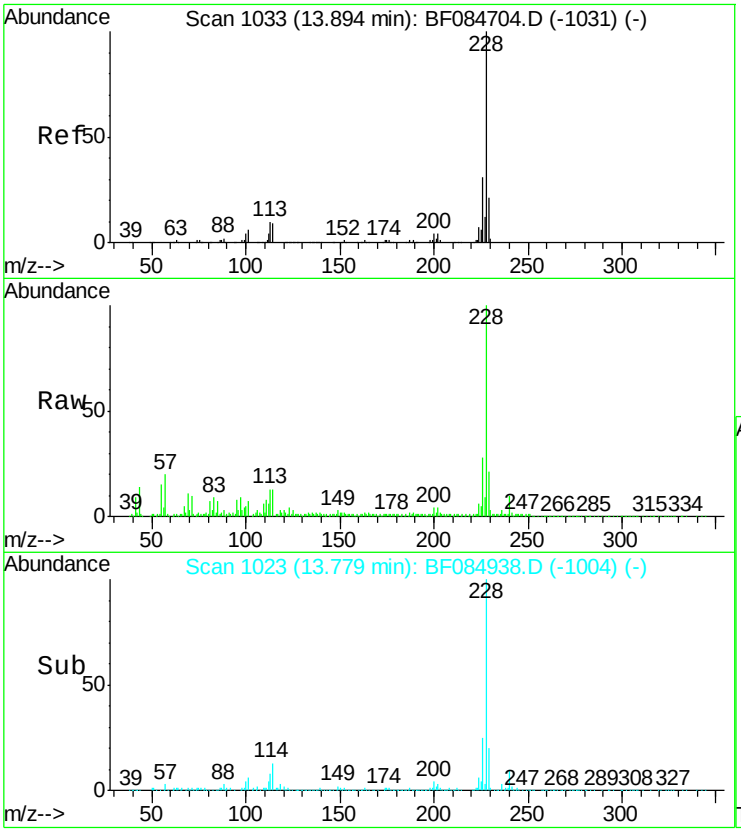


#80
Benzo(a)anthracene
Concen: 13.73 ng
RT: 13.78 min Scan# 1023
Delta R.T. -0.05 min
Lab File: BF084938.D
Acq: 8 Feb 2016 19:43

Tgt Ion:228 Resp: 285582

Ion	Ratio	Lower	Upper
228	100		
226	28.1	21.8	32.6
229	21.2	15.8	23.8



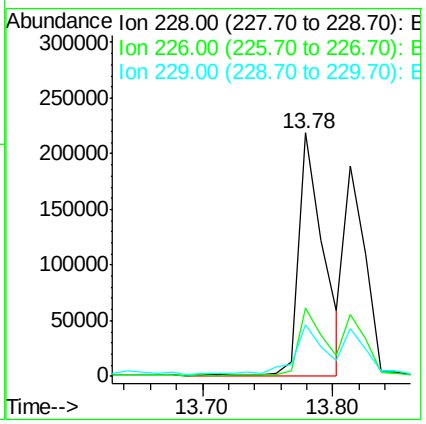


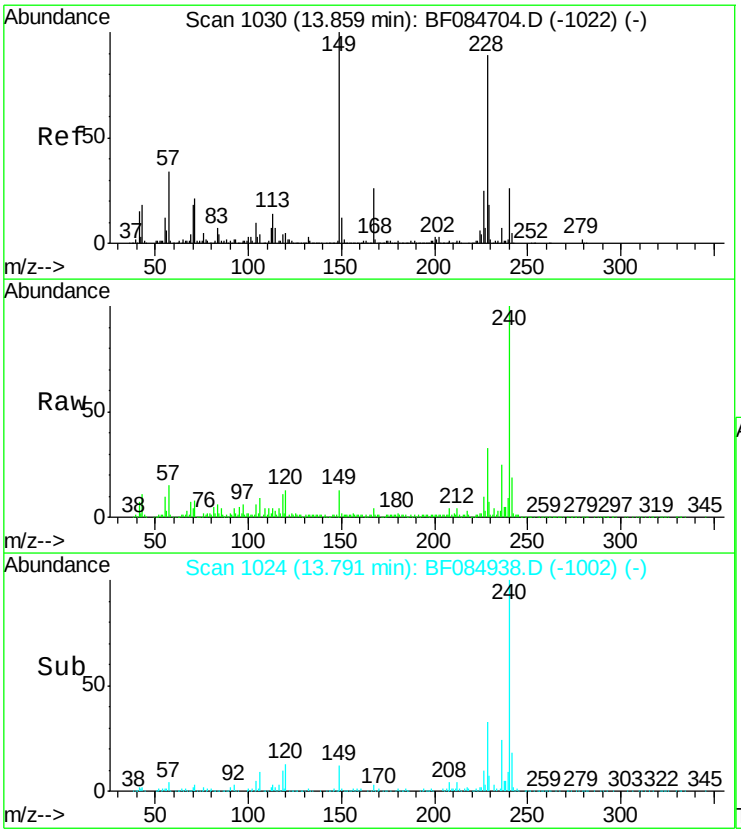
#82
Chrysene
Concen: 14.16 ng
RT: 13.78 min Scan# 1023
Delta R.T. -0.08 min
Lab File: BF084938.D
Acq: 8 Feb 2016 19:43

Instrument :
BNA_F
ClientSampleId :
S4-B004(0-2)

Tgt Ion:228 Resp: 285582

Ion	Ratio	Lower	Upper
228	100		
226	28.1	24.3	36.5
229	21.2	16.1	24.1

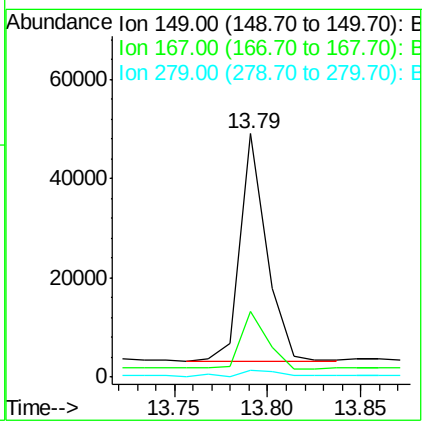


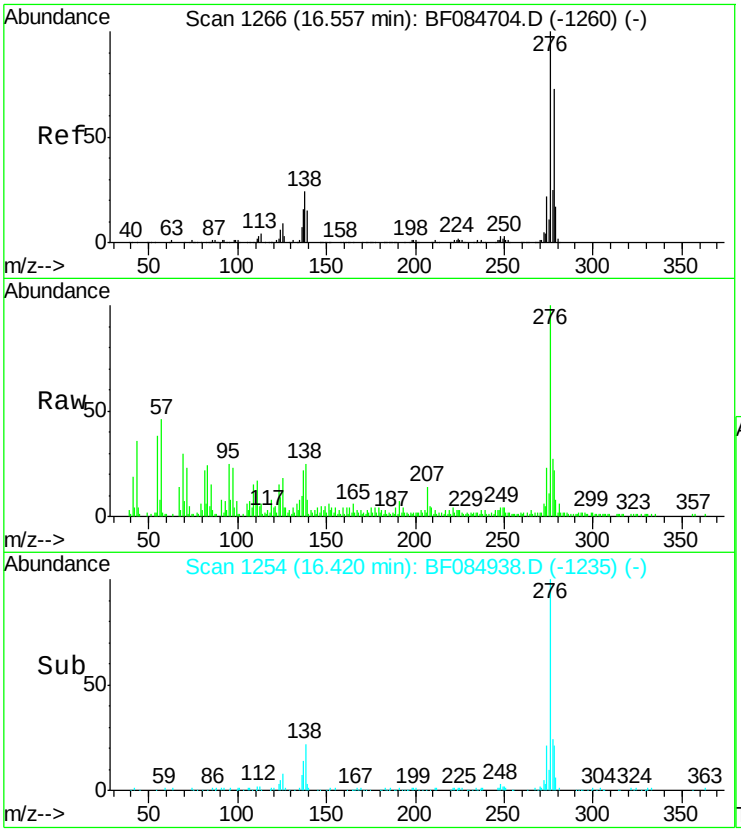


#83
Bis(2-ethylhexyl)phthalate
Concen: 3.13 ng
RT: 13.79 min Scan# 1024
Delta R.T. -0.05 min
Lab File: BF084938.D
Acq: 8 Feb 2016 19:43

Tgt Ion:149 Resp: 45346

Ion	Ratio	Lower	Upper
149	100		
167	27.0	19.7	29.5
279	3.0	1.8	2.6#



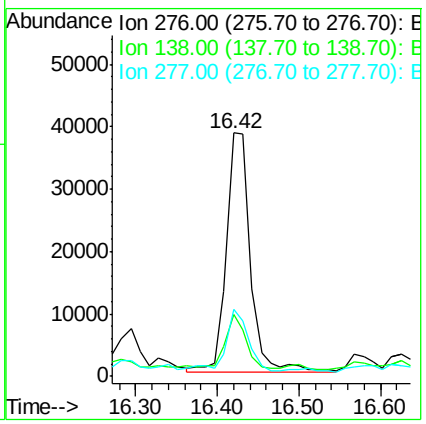


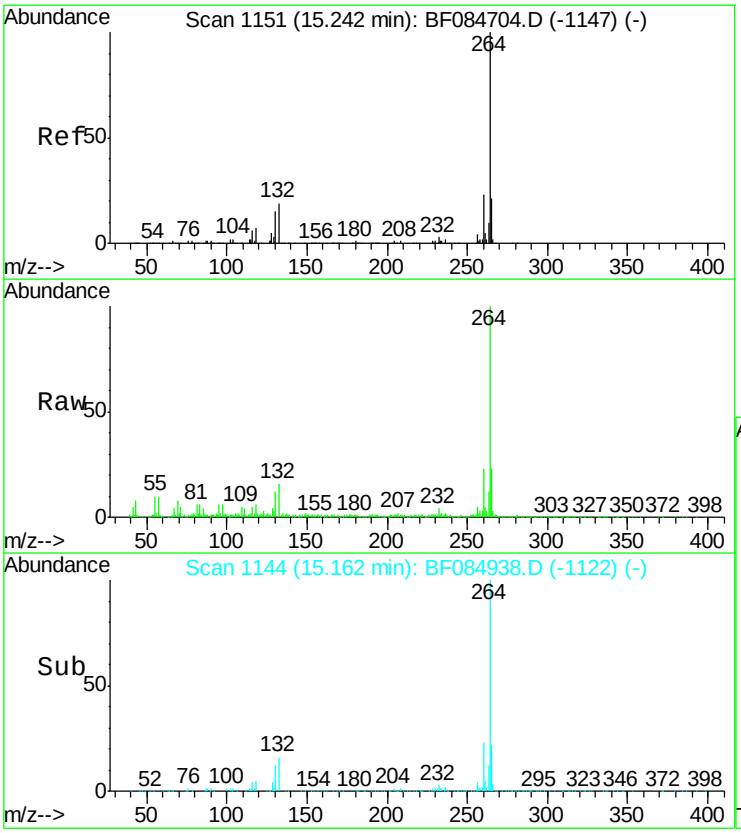
#85
Indeno(1,2,3-cd)pyrene
Concen: 4.92 ng
RT: 16.42 min Scan# 1254
Delta R.T. -0.08 min
Lab File: BF084938.D
Acq: 8 Feb 2016 19:43

Instrument :
BNA_F
ClientSampleId :
S4-B004(0-2)

Tgt Ion:276 Resp: 78166

Ion	Ratio	Lower	Upper
276	100		
138	20.6	20.6	30.8
277	23.5	20.1	30.1

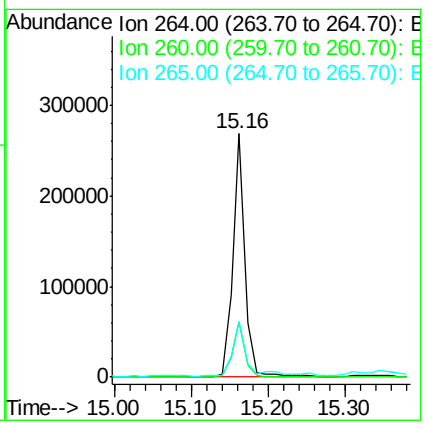


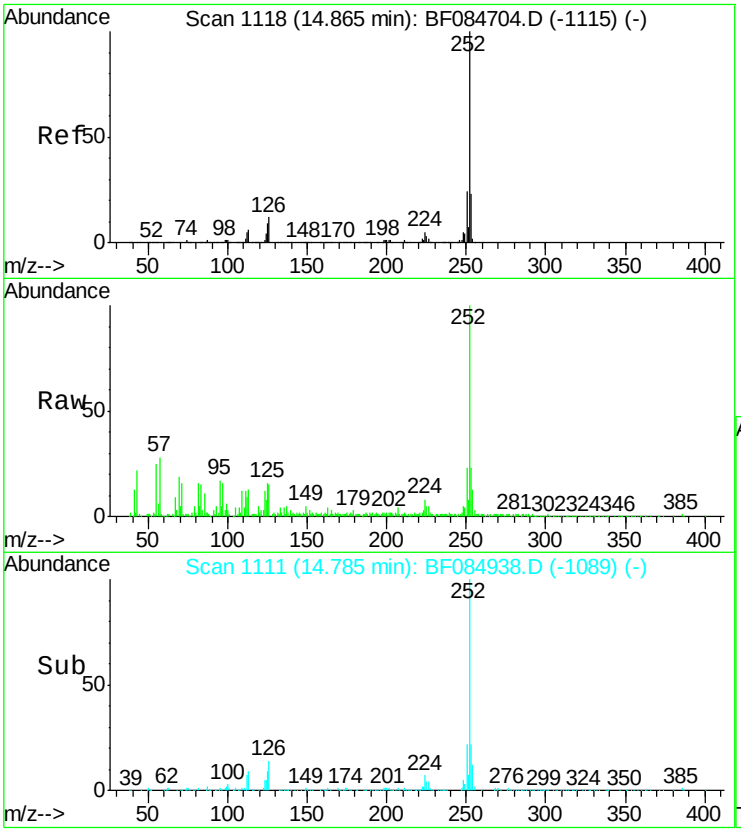


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.16 min Scan# 1144
Delta R.T. -0.05 min
Lab File: BF084938.D
Acq: 8 Feb 2016 19:43

Tgt Ion:264 Resp: 298113

Ion	Ratio	Lower	Upper
264	100		
260	22.9	19.4	29.2
265	22.6	17.8	26.6



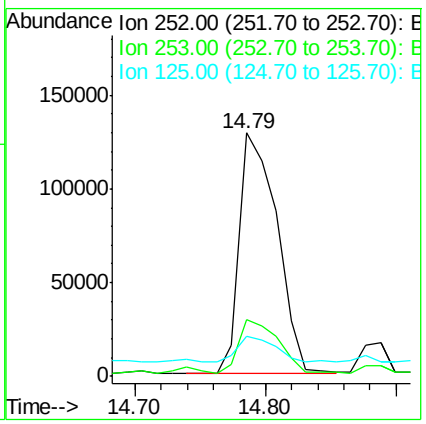


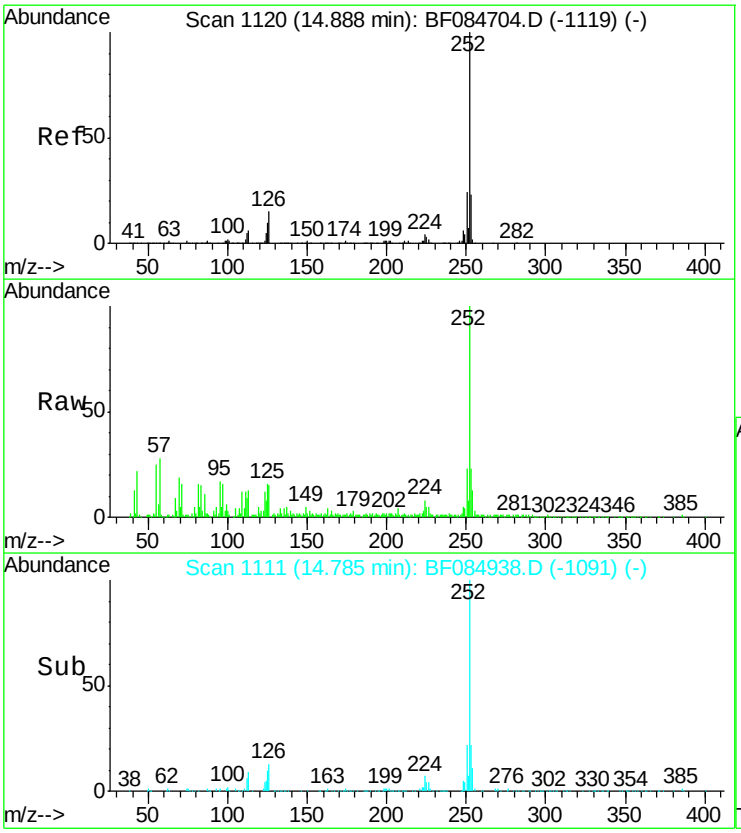
#87
Benzo(b)fluoranthene
Concen: 12.88 ng
RT: 14.79 min Scan# 1111
Delta R.T. -0.05 min
Lab File: BF084938.D
Acq: 8 Feb 2016 19:43

Instrument :
BNA_F
ClientSampleId :
S4-B004(0-2)

Tgt Ion:252 Resp: 257986

Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.3	25.9
125	16.5	6.5	9.7#

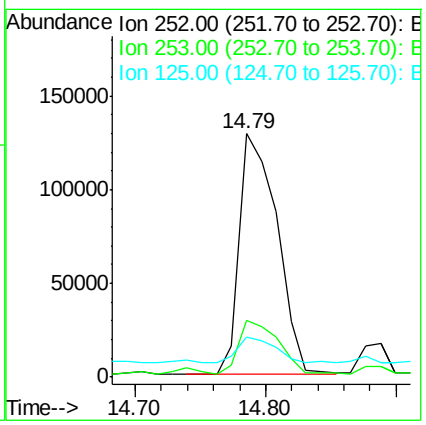


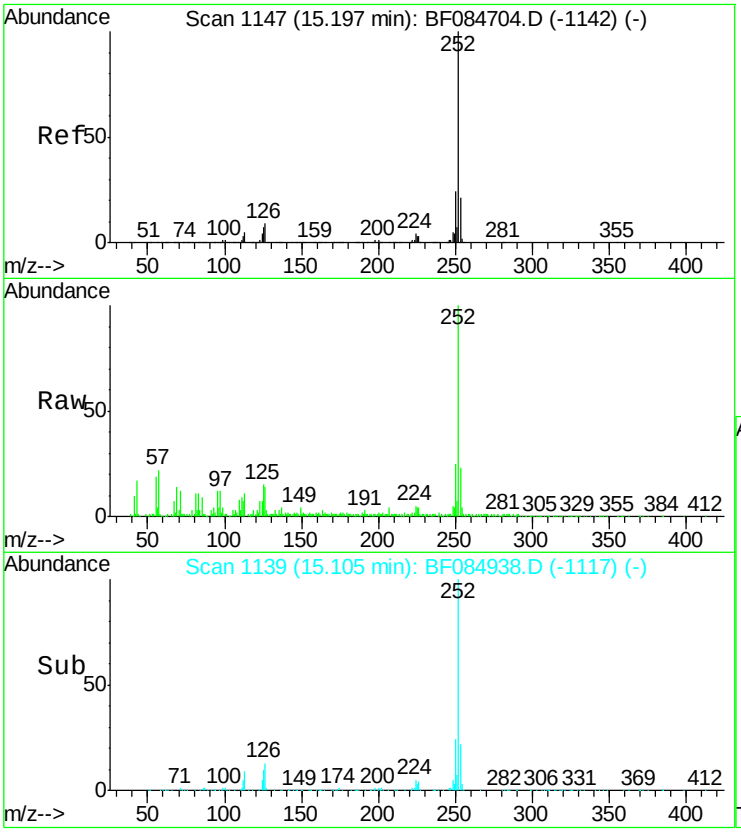


#88
Benzo(k)fluoranthene
Concen: 15.53 ng
RT: 14.79 min Scan# 1111
Delta R.T. -0.07 min
Lab File: BF084938.D
Acq: 8 Feb 2016 19:43

Tgt Ion:252 Resp: 257187

Ion	Ratio	Lower	Upper
252	100		
253	23.3	18.1	27.1
125	16.5	9.0	13.6#



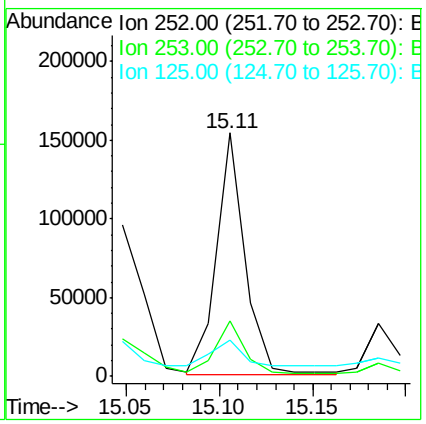


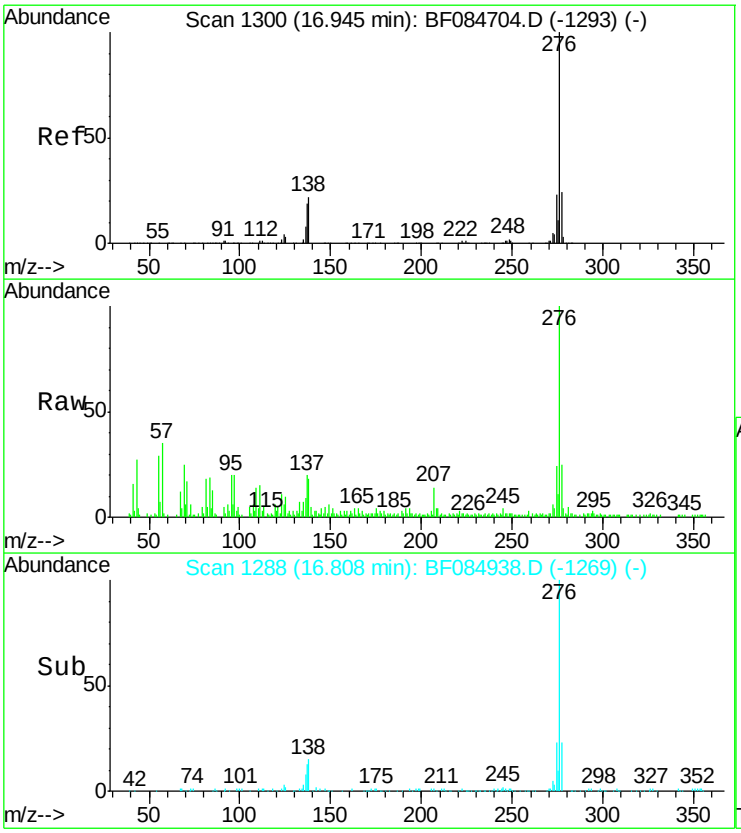
#89
Benzo(a)pyrene
Concen: 9.70 ng
RT: 15.11 min Scan# 1139
Delta R.T. -0.05 min
Lab File: BF084938.D
Acq: 8 Feb 2016 19:43

Instrument :
BNA_F
ClientSampleId :
S4-B004(0-2)

Tgt Ion:252 Resp: 165531

Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.3	25.9
125	14.6	7.0	10.4#





#91
Benzo(g,h,i)perylene
Concen: 5.54 ng
RT: 16.81 min Scan# 1288
Delta R.T. -0.08 min
Lab File: BF084938.D
Acq: 8 Feb 2016 19:43

Tgt Ion:276 Resp: 80245

Ion	Ratio	Lower	Upper
276	100		
277	25.4	18.8	28.2
138	18.5	17.8	26.6