Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030416\
Data File : BF085245.D
Acq On : 5 Mar 2016 10:57
Operator : SJ/IZ
Sample : H1675-01 5X
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-001(0-2)

Quant Time: Mar 07 00:05:42 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 04 00:54:58 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	27780	20.00	ng		-0.01
21) Naphthalene-d8	8.25	136	110738	20.00	ng		-0.01
38) Acenaphthene-d10	10.01	164	43704	20.00	ng		-0.01
63) Phenanthrene-d10	11.50	188	69756	20.00	ng		-0.01
75) Chrysene-d12	14.14	240	49445	20.00	ng		-0.01
86) Perylene-d12	15.60	264	54965	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.57	112	214389	129.45	ng		-0.01
7) Phenol-d6	6.58	99	284956	131.33	ng		-0.02
23) Nitrobenzene-d5	7.52	82	139987	67.65	ng		-0.02
41) 2,4,6-Tribromophenol	10.80	330	32835	87.80	ng		-0.01
44) 2-Fluorobiphenyl	9.33	172	269716	93.86	ng		-0.02
78) Terphenyl-d14	13.08	244	171553	80.54	ng		-0.01
Target Compounds							Qvalue
9) Benzaldehyde	6.52	77	782	Below Cal			90
19) n-Nitroso-di-n-propylamine	7.52	70	17807	12.59	ng	#	81
31) Naphthalene	8.28	128	44511	8.17	ng		97
33) 4-Chloroaniline	8.28	127	5742	2.61	ng	#	29
37) 2-Methylnaphthalene	8.96	142	16825	4.82	ng		96
45) 1,1'-Biphenyl	9.43	154	8161	2.19	ng		97
48) Acenaphthylene	9.88	152	11685	2.64	ng		95
49) Dimethylphthalate	9.72	163	33957	10.12	ng		97
51) Acenaphthene	10.05	154	67444	25.08	ng		97
54) Dibenzofuran	10.22	168	47913	13.60	ng		91
57) Fluorene	10.56	166	53573	19.35	ng		100
66) 4-Bromophenyl-phenylether	10.79	248	2252	3.32	ng	#	1
70) Phenanthrene	11.52	178	754352	206.35	ng		98
71) Anthracene	11.57	178	206817	53.29	ng		98
72) Carbazole	11.73	167	69358	20.38	ng		96
74) Fluoranthene	12.71	202	1008793	274.97	ng		98
77) Pyrene	12.94	202	932361	250.53	ng		98
80) Benzo(a)anthracene	14.13	228	545389	184.25	ng		99
82) Chrysene	14.13	228	545389	199.45	ng		97
83) Bis(2-ethylhexyl)phthalate	14.11	149	11311	5.09	ng	#	93
85) Indeno(1,2,3-cd)pyrene	17.08	276	239050	112.02	ng		91
87) Benzo(b)fluoranthene	15.18	252	809175	220.87	ng		97
88) Benzo(k)fluoranthene	15.18	252	809175	273.83	ng		98
89) Benzo(a)pyrene	15.55	252	392278	129.21	ng	#	95
90) Dibenzo(a,h)anthracene	17.09	278	57335	22.12	ng		97
91) Benzo(g,h,i)perylene	17.52	276	210681	80.85	ng		99

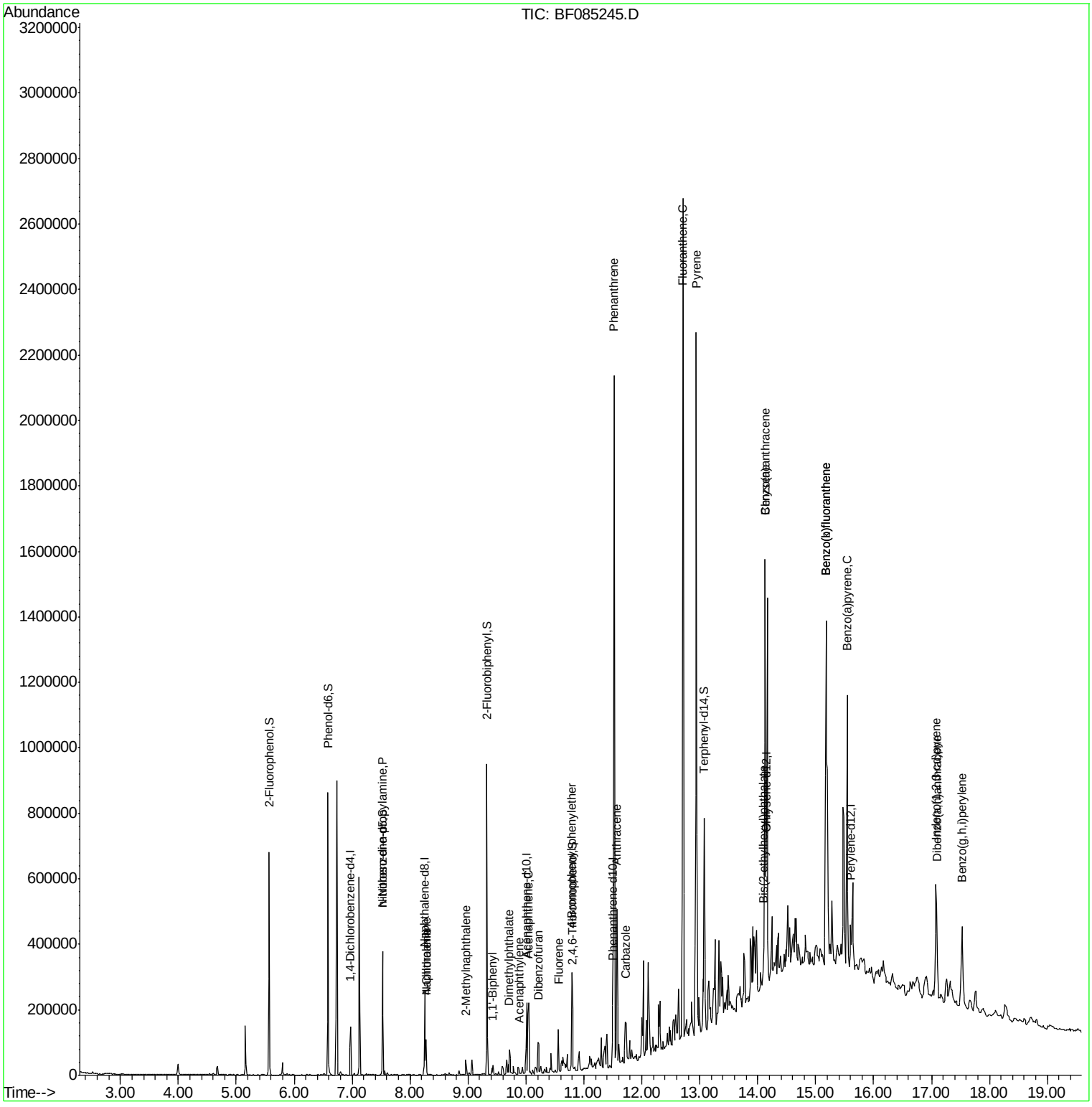
(#) = qualifier out of range (m) = manual integration (+) = signals summed

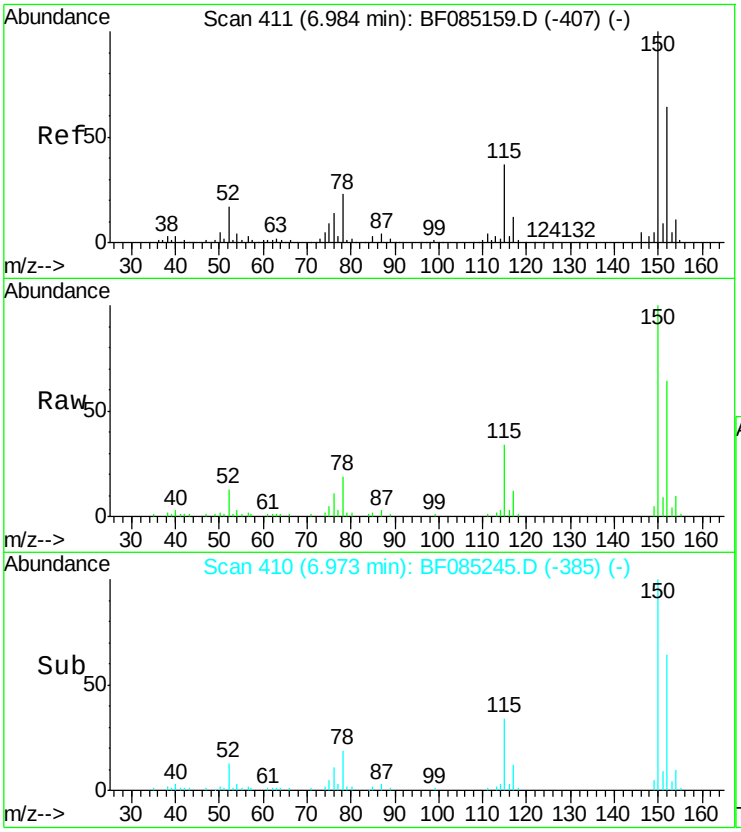
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030416\
Data File : BF085245.D
Acq On : 5 Mar 2016 10:57
Operator : SJ/IZ
Sample : H1675-01 5X
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SP-001(0-2)

Quant Time: Mar 07 00:05:42 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 04 00:54:58 2016
Response via : Initial Calibration



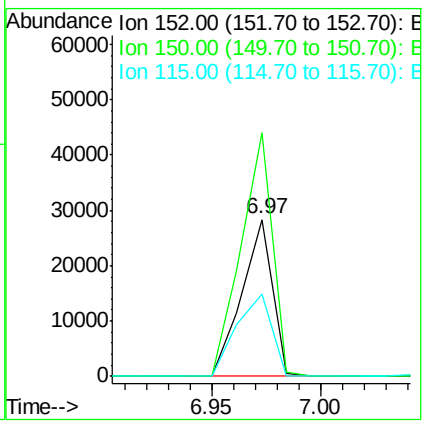


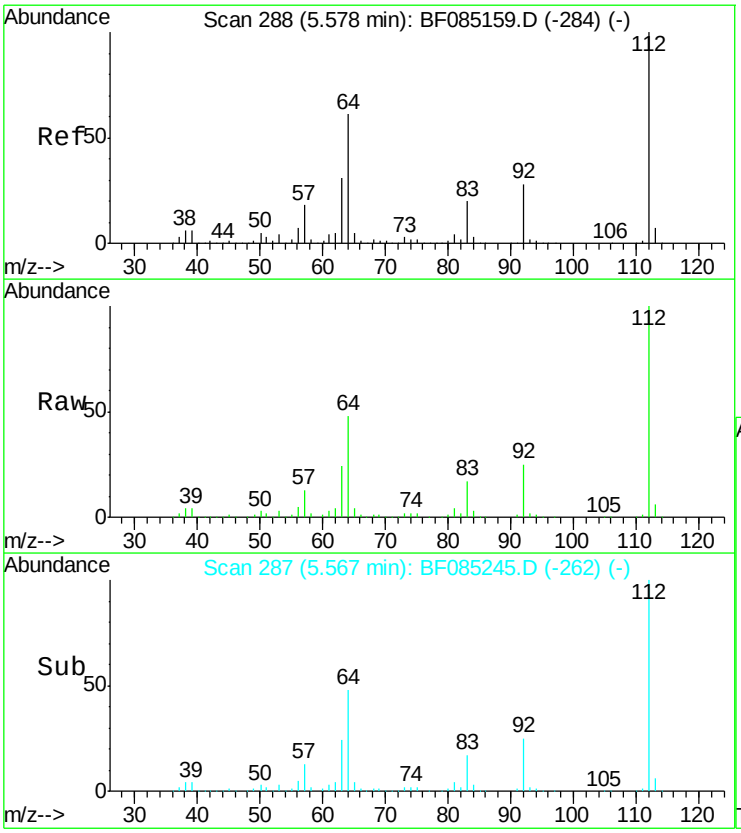
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.97 min Scan# 410
Delta R.T. -0.01 min
Lab File: BF085245.D
Acq: 5 Mar 2016 10:57

Instrument :
BNA_F
ClientSampleId :
SP-001(0-2)

Tgt Ion:152 Resp: 27780

Ion	Ratio	Lower	Upper
152	100		
150	155.1	124.6	186.8
115	52.6	46.6	70.0

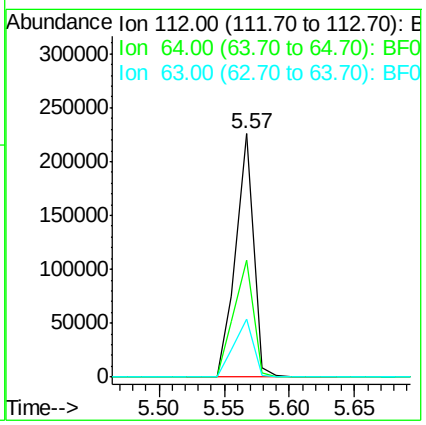


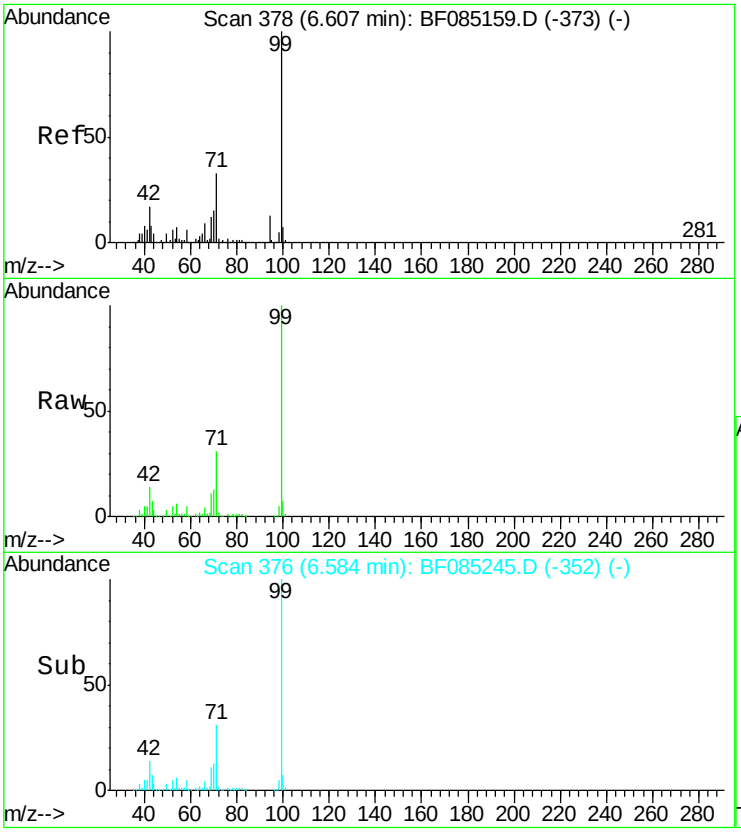


#5
2-Fluorophenol
Concen: 129.45 ng
RT: 5.57 min Scan# 287
Delta R.T. -0.01 min
Lab File: BF085245.D
Acq: 5 Mar 2016 10:57

Tgt Ion:112 Resp: 214389

Ion	Ratio	Lower	Upper
112	100		
64	48.3	49.0	73.4#
63	23.6	24.8	37.2#



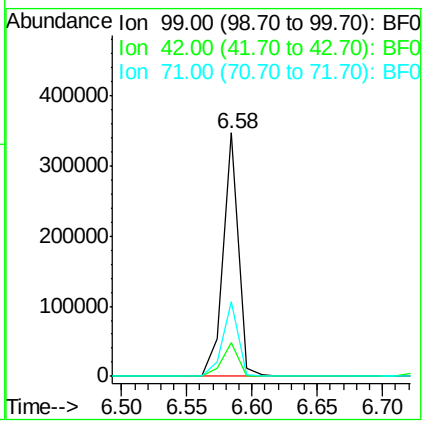


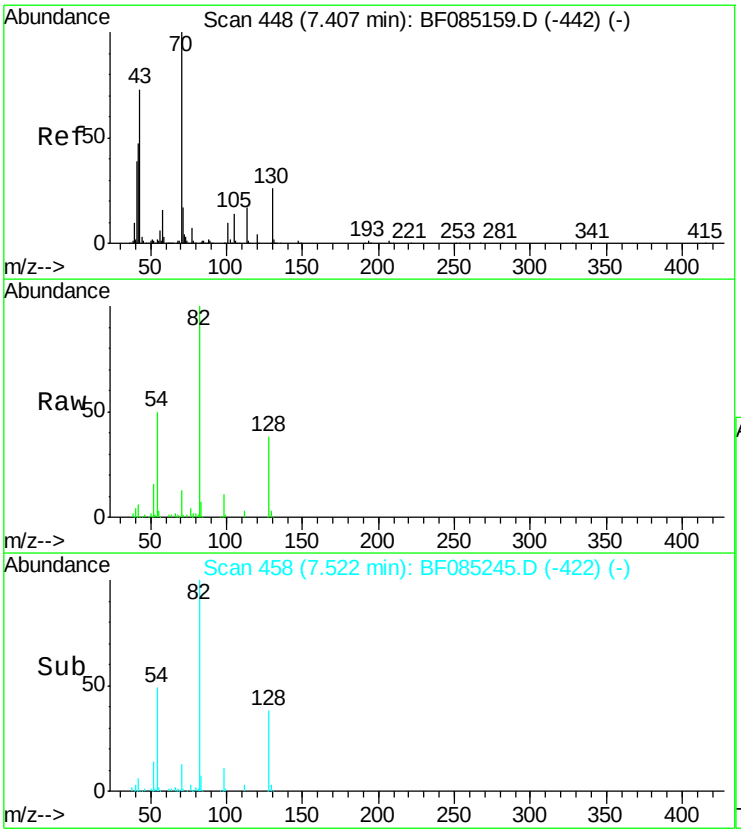
#7
Phenol-d6
Concen: 131.33 ng
RT: 6.58 min Scan# 376
Delta R.T. -0.02 min
Lab File: BF085245.D
Acq: 5 Mar 2016 10:57

Instrument :
BNA_F
ClientSampleId :
SP-001(0-2)

Tgt Ion: 99 Resp: 284956

Ion	Ratio	Lower	Upper
99	100		
42	14.1	13.6	20.4
71	30.6	26.7	40.1

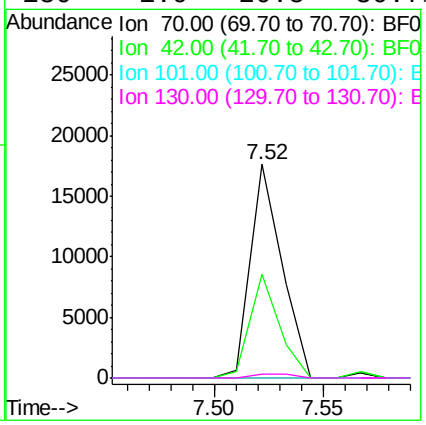


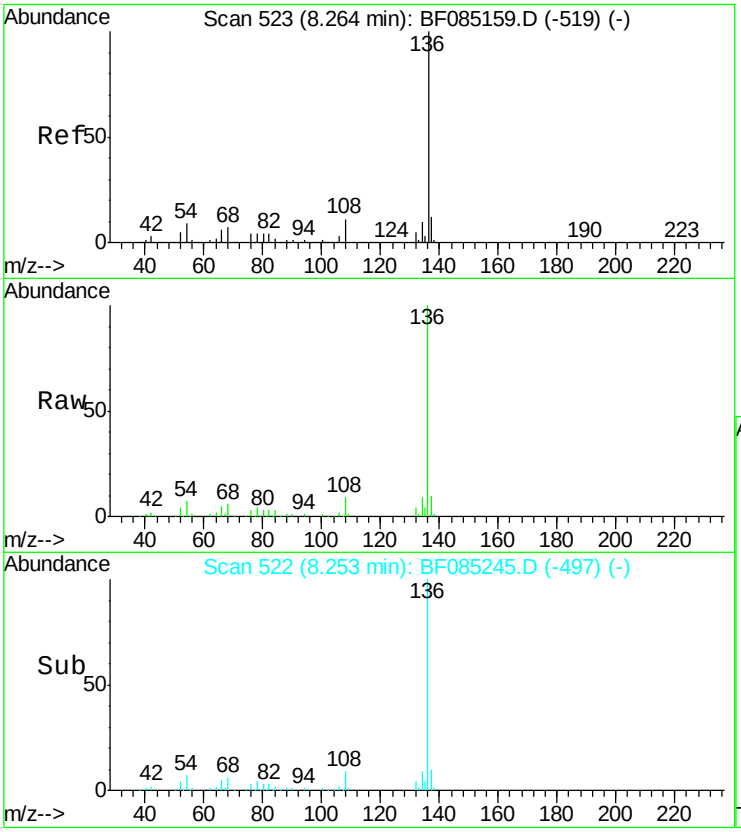


#19
n-Nitroso-di-n-propylamine
Concen: 12.59 ng
RT: 7.52 min Scan# 458
Delta R.T. 0.11 min
Lab File: BF085245.D
Acq: 5 Mar 2016 10:57

Tgt Ion: 70 Resp: 17807

Ion	Ratio	Lower	Upper
70	100		
42	48.5	37.7	56.5
101	0.0	8.2	12.4#
130	1.9	20.5	30.7#



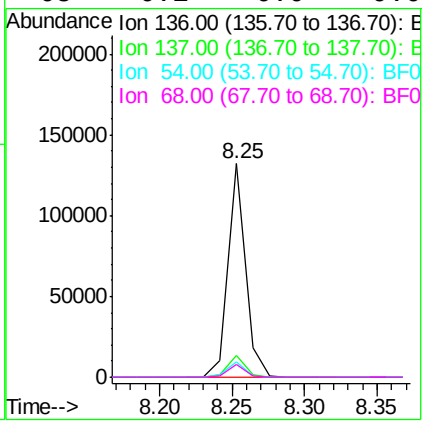


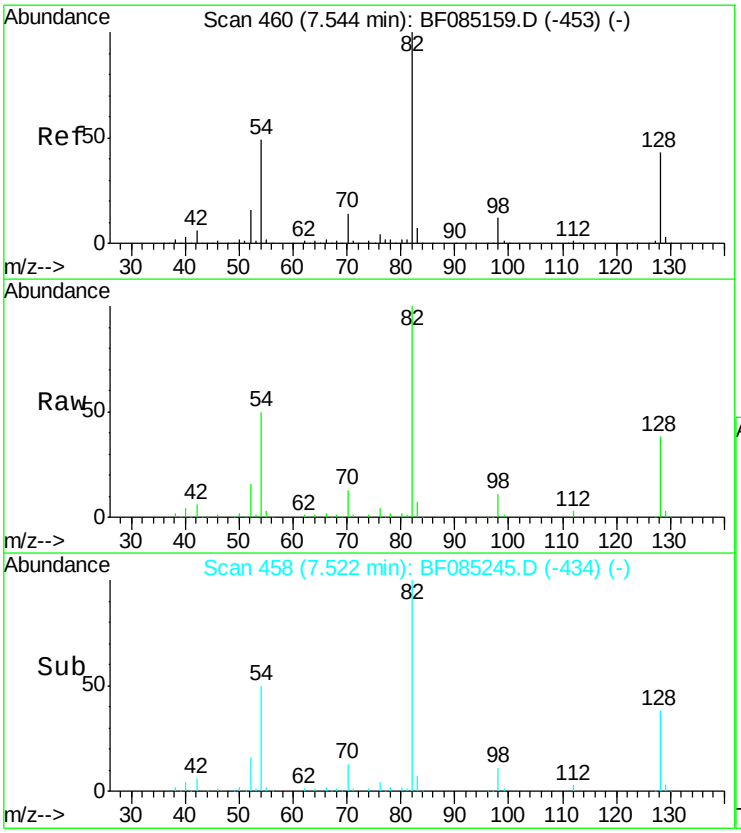
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.25 min Scan# 522
Delta R.T. -0.01 min
Lab File: BF085245.D
Acq: 5 Mar 2016 10:57

Instrument :
BNA_F
ClientSampleId :
SP-001(0-2)

Tgt Ion:136 Resp: 110738

Ion	Ratio	Lower	Upper
136	100		
137	10.5	9.3	13.9
54	6.9	7.4	11.2#
68	6.1	6.0	9.0

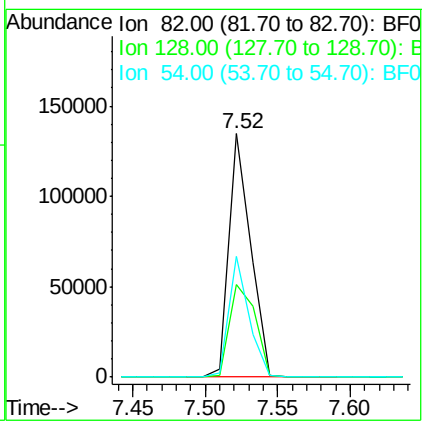


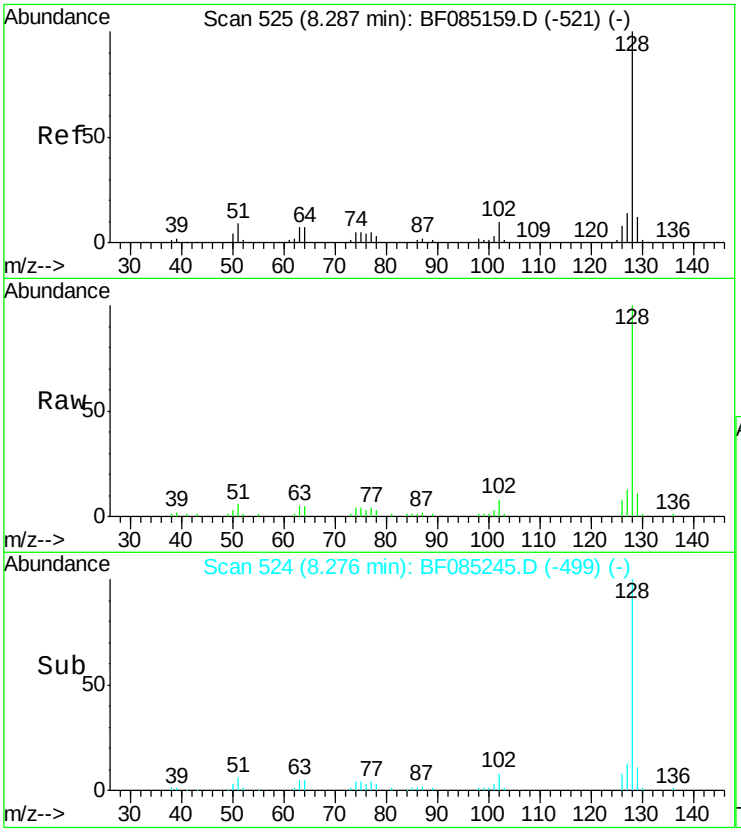


#23
Nitrobenzene-d5
Concen: 67.65 ng
RT: 7.52 min Scan# 458
Delta R.T. -0.02 min
Lab File: BF085245.D
Acq: 5 Mar 2016 10:57

Tgt Ion: 82 Resp: 139987

Ion	Ratio	Lower	Upper
82	100		
128	37.8	34.5	51.7
54	49.8	39.3	58.9



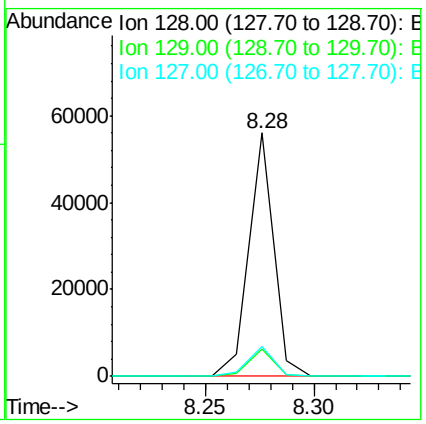


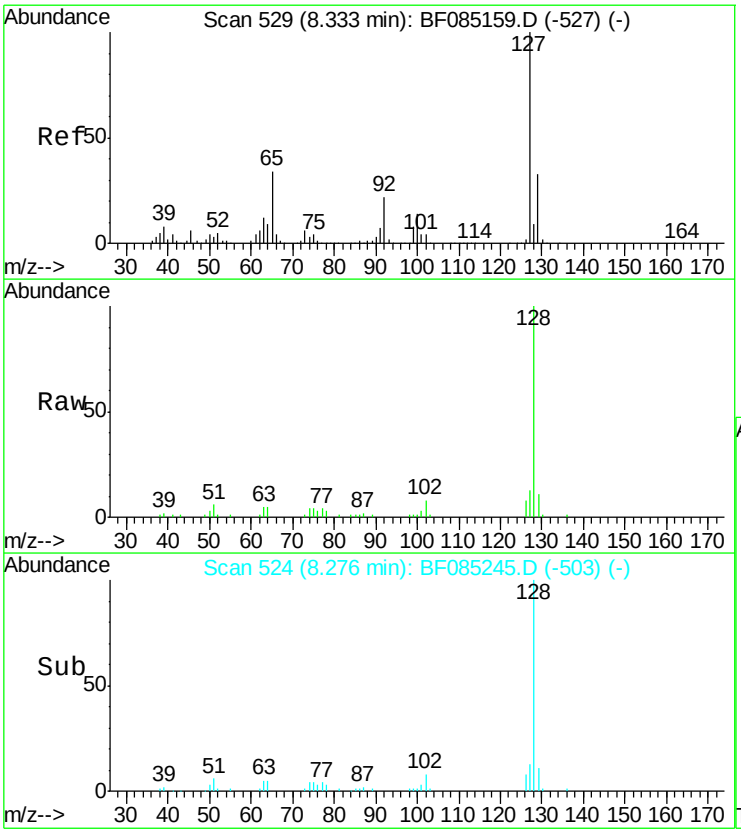
#31
Naphthalene
Concen: 8.17 ng
RT: 8.28 min Scan# 524
Delta R.T. -0.01 min
Lab File: BF085245.D
Acq: 5 Mar 2016 10:57

Instrument :
BNA_F
ClientSampleId :
SP-001(0-2)

Tgt Ion:128 Resp: 44511

Ion	Ratio	Lower	Upper
128	100		
129	11.2	9.7	14.5
127	12.5	11.2	16.8

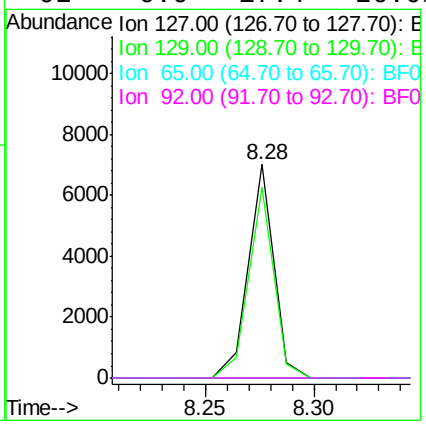


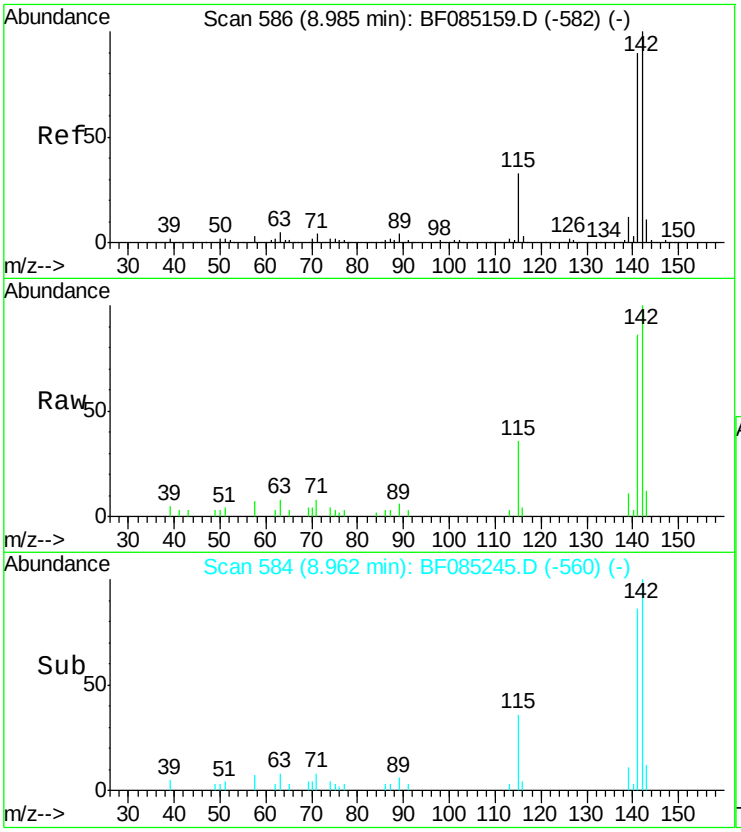


#33
4-Chloroaniline
Concen: 2.61 ng
RT: 8.28 min Scan# 524
Delta R.T. -0.06 min
Lab File: BF085245.D
Acq: 5 Mar 2016 10:57

Tgt Ion:127 Resp: 5742

Ion	Ratio	Lower	Upper
127	100		
129	89.3	26.1	39.1#
65	0.0	27.0	40.6#
92	0.0	17.4	26.0#



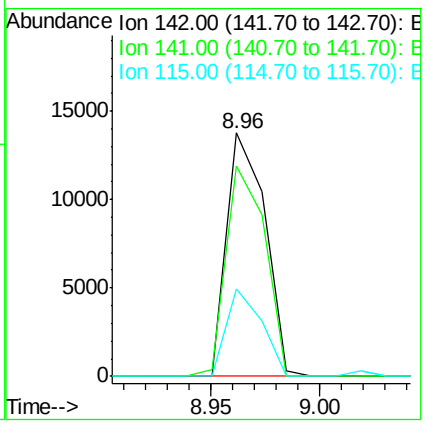


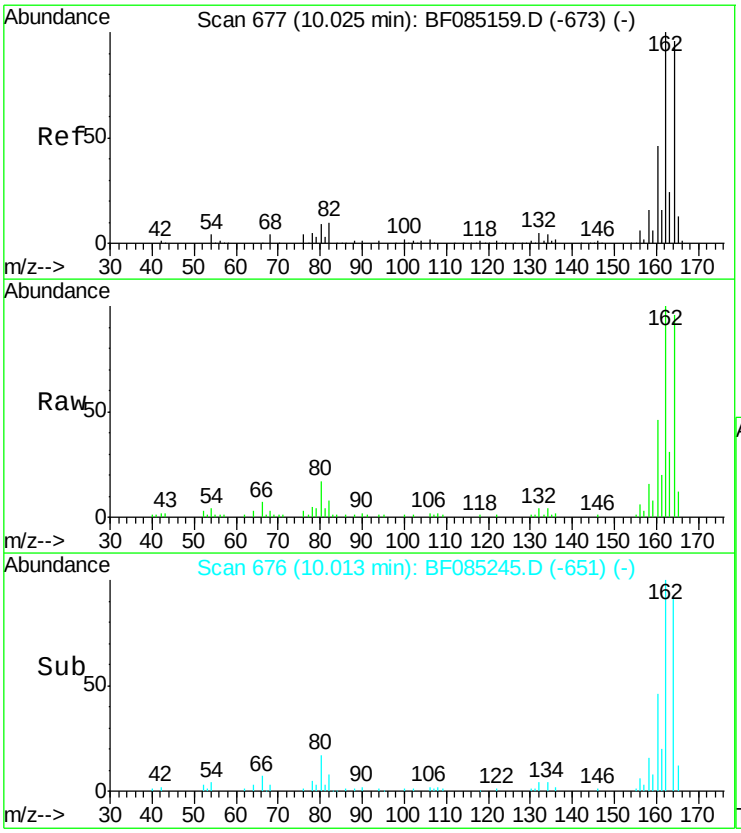
#37
2-Methylnaphthalene
Concen: 4.82 ng
RT: 8.96 min Scan# 584
Delta R.T. -0.02 min
Lab File: BF085245.D
Acq: 5 Mar 2016 10:57

Instrument :
BNA_F
ClientSampleId :
SP-001(0-2)

Tgt Ion:142 Resp: 16825

Ion	Ratio	Lower	Upper
142	100		
141	86.2	71.7	107.5
115	35.7	26.2	39.4

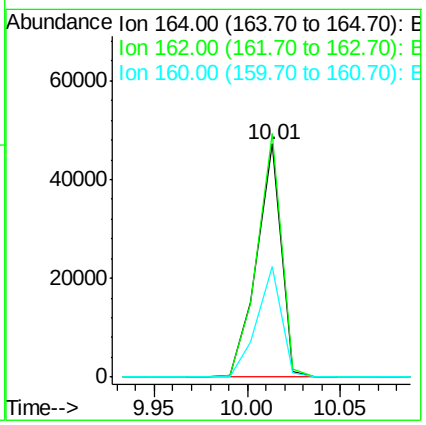


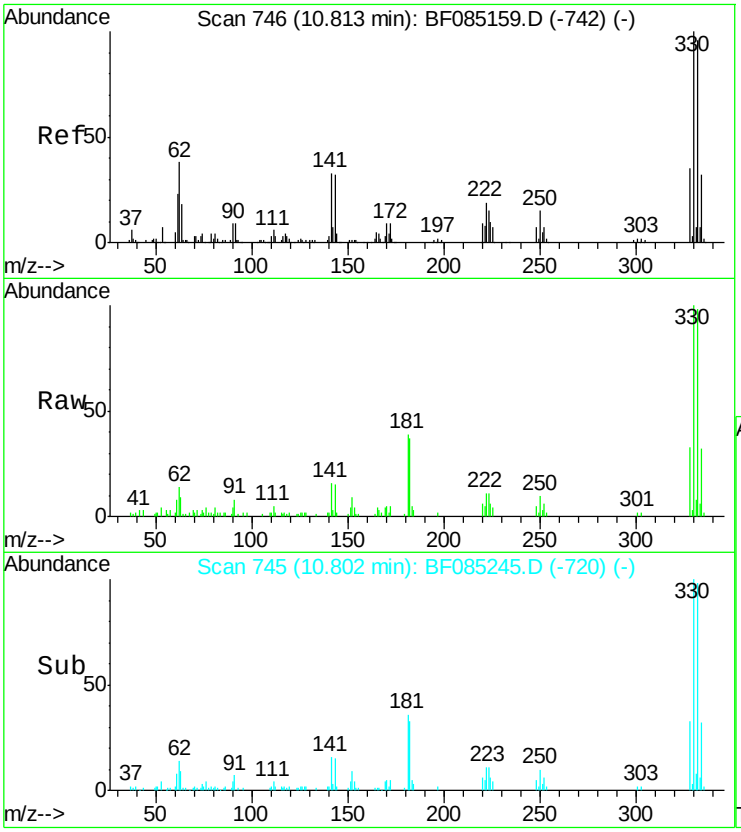


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.01 min Scan# 676
Delta R.T. -0.01 min
Lab File: BF085245.D
Acq: 5 Mar 2016 10:57

Tgt Ion:164 Resp: 43704

Ion	Ratio	Lower	Upper
164	100		
162	104.4	83.3	124.9
160	47.6	37.9	56.9



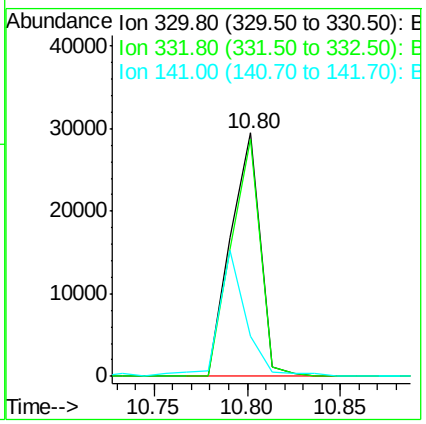


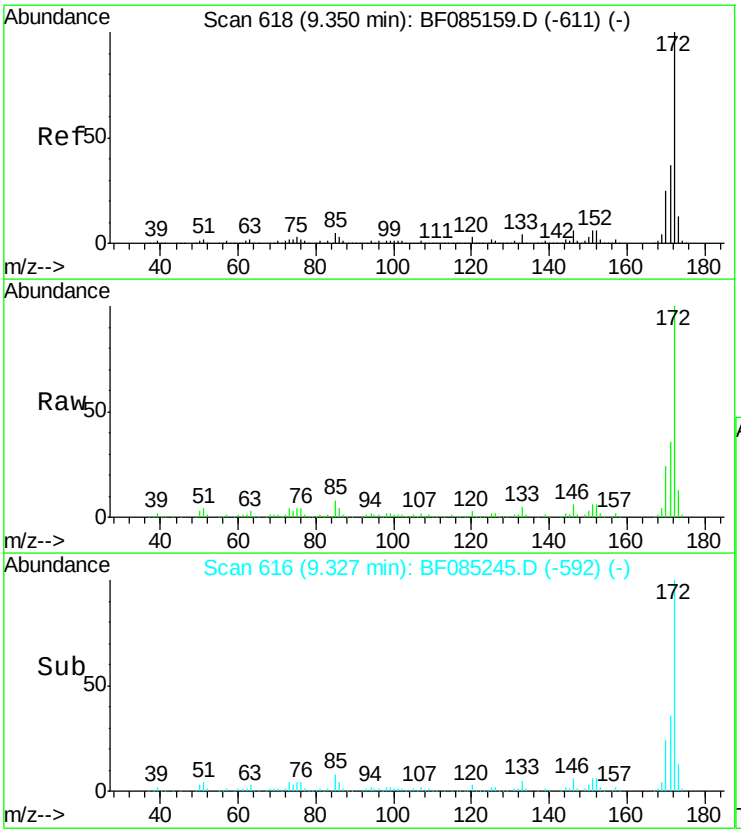
#41
2,4,6-Tribromophenol
Concen: 87.80 ng
RT: 10.80 min Scan# 745
Delta R.T. -0.01 min
Lab File: BF085245.D
Acq: 5 Mar 2016 10:57

Instrument :
BNA_F
ClientSampleId :
SP-001(0-2)

Tgt Ion:330 Resp: 32835

Ion	Ratio	Lower	Upper
330	100		
332	95.6	77.1	115.7
141	47.6	35.0	52.6

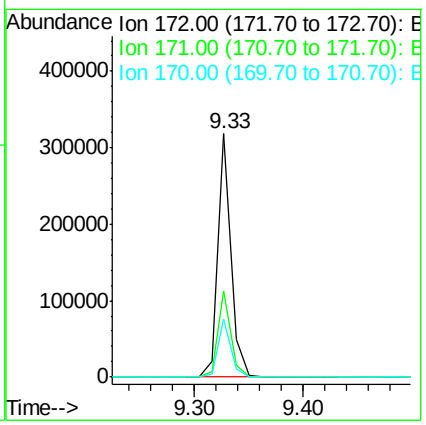


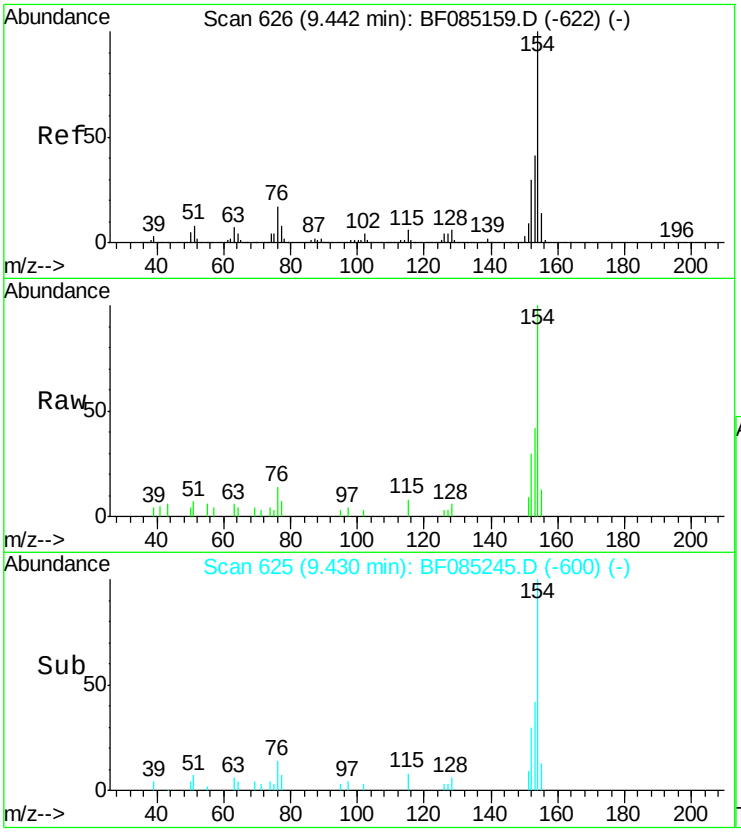


#44
2-Fluorobiphenyl
Concen: 93.86 ng
RT: 9.33 min Scan# 616
Delta R.T. -0.02 min
Lab File: BF085245.D
Acq: 5 Mar 2016 10:57

Tgt Ion:172 Resp: 269716

Ion	Ratio	Lower	Upper
172	100		
171	35.6	29.3	43.9
170	23.8	20.0	30.0



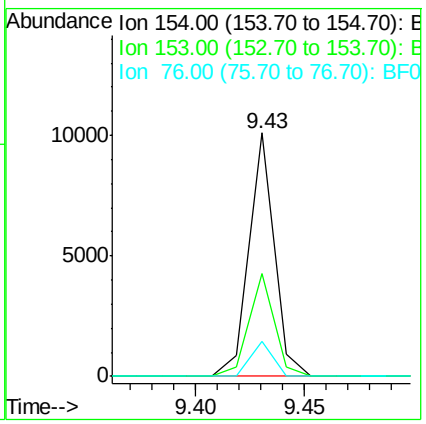


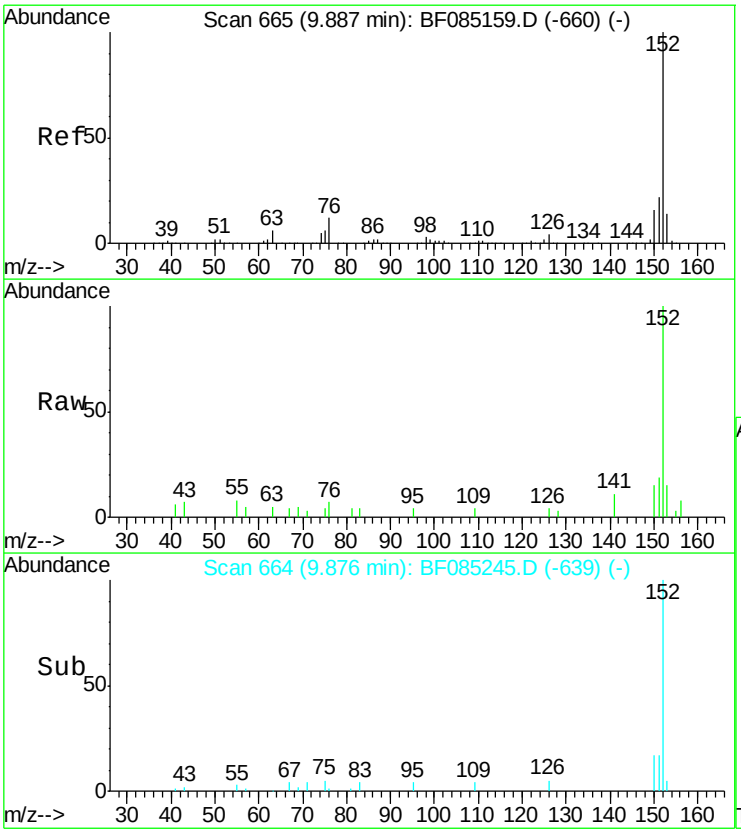
#45
1,1'-Biphenyl
Concen: 2.19 ng
RT: 9.43 min Scan# 625
Delta R.T. -0.01 min
Lab File: BF085245.D
Acq: 5 Mar 2016 10:57

Instrument :
BNA_F
ClientSampleId :
SP-001(0-2)

Tgt Ion:154 Resp: 8161

Ion	Ratio	Lower	Upper
154	100		
153	42.3	21.4	61.4
76	14.2	0.0	37.5

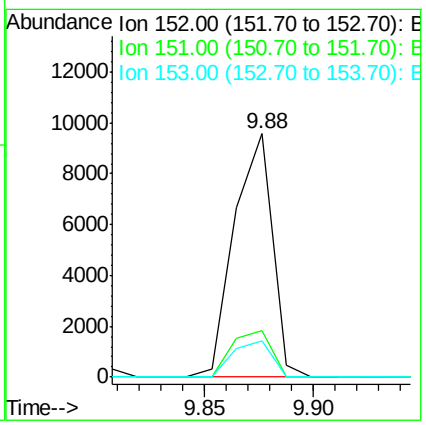


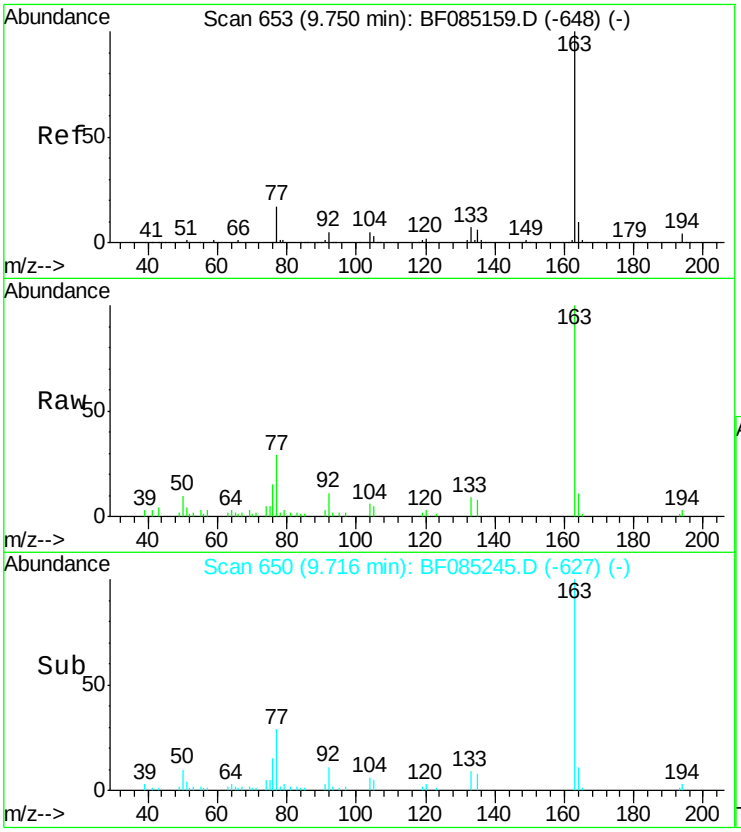


#48
Acenaphthylene
Concen: 2.64 ng
RT: 9.88 min Scan# 664
Delta R.T. -0.01 min
Lab File: BF085245.D
Acq: 5 Mar 2016 10:57

Tgt Ion:152 Resp: 11685

Ion	Ratio	Lower	Upper
152	100		
151	19.0	17.5	26.3
153	15.1	11.3	16.9



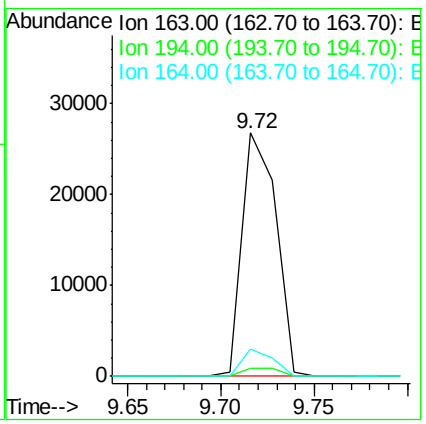


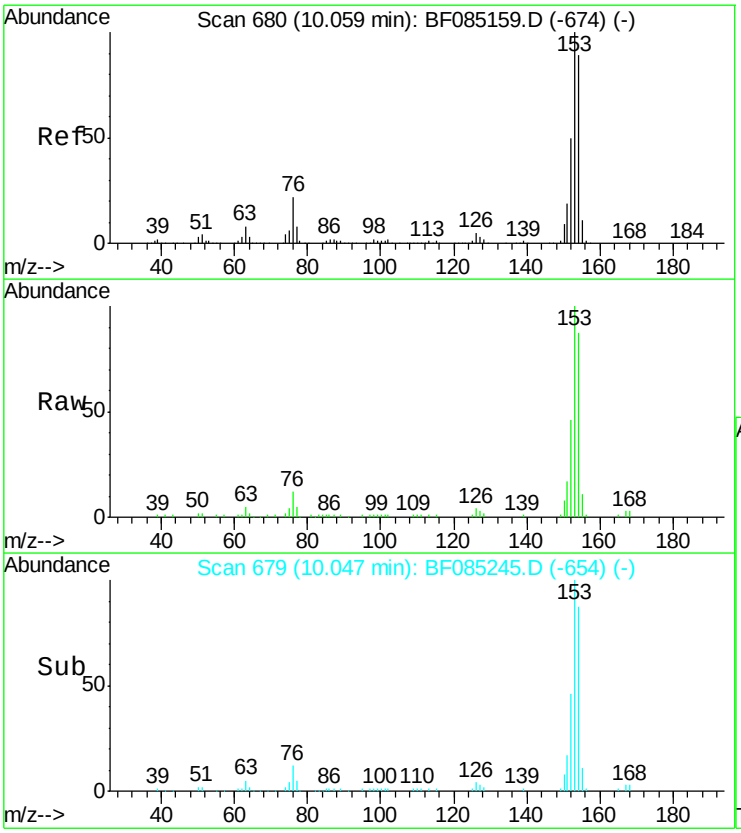
#49
Dimethylphthalate
Concen: 10.12 ng
RT: 9.72 min Scan# 650
Delta R.T. -0.03 min
Lab File: BF085245.D
Acq: 5 Mar 2016 10:57

Instrument :
BNA_F
ClientSampleId :
SP-001(0-2)

Tgt Ion:163 Resp: 33957

Ion	Ratio	Lower	Upper
163	100		
194	3.2	3.1	4.7
164	11.3	8.2	12.4

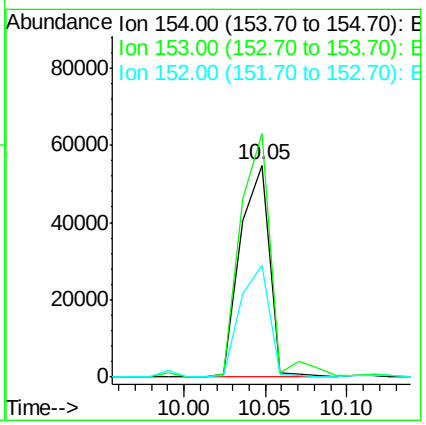


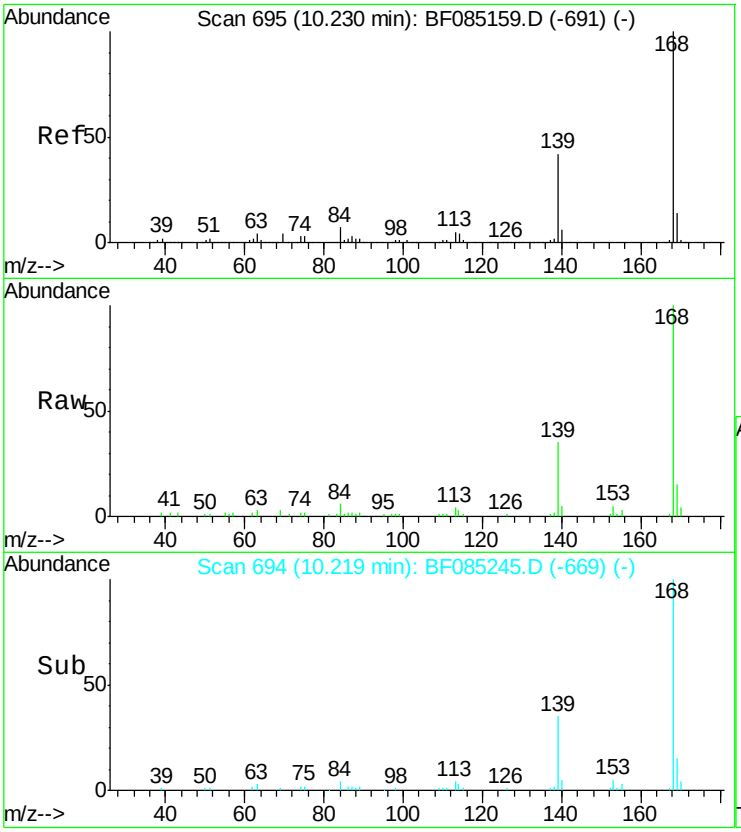


#51
Acenaphthene
Concen: 25.08 ng
RT: 10.05 min Scan# 679
Delta R.T. -0.01 min
Lab File: BF085245.D
Acq: 5 Mar 2016 10:57

Tgt Ion:154 Resp: 67444

Ion	Ratio	Lower	Upper
154	100		
153	114.8	89.8	134.8
152	53.0	44.6	66.8



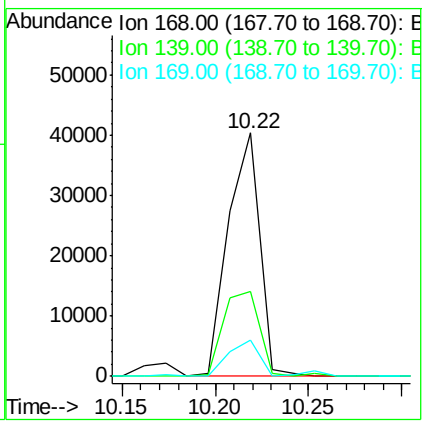


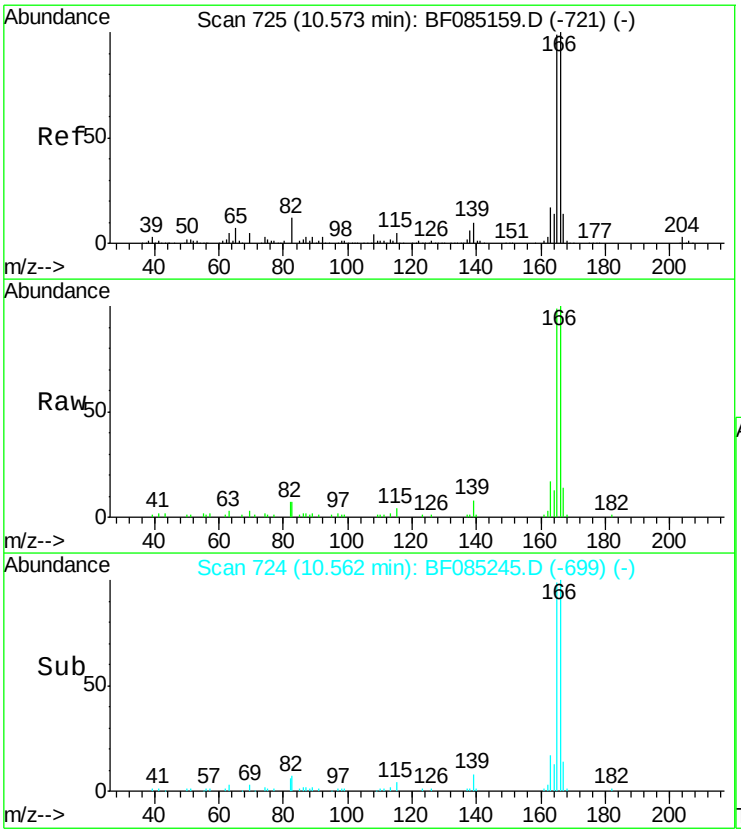
#54
Dibenzofuran
Concen: 13.60 ng
RT: 10.22 min Scan# 694
Delta R.T. -0.01 min
Lab File: BF085245.D
Acq: 5 Mar 2016 10:57

Instrument :
BNA_F
ClientSampleId :
SP-001(0-2)

Tgt Ion:168 Resp: 47913

Ion	Ratio	Lower	Upper
168	100		
139	34.7	33.6	50.4
169	14.8	11.2	16.8

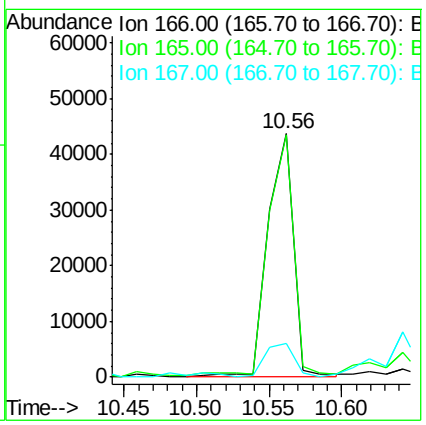


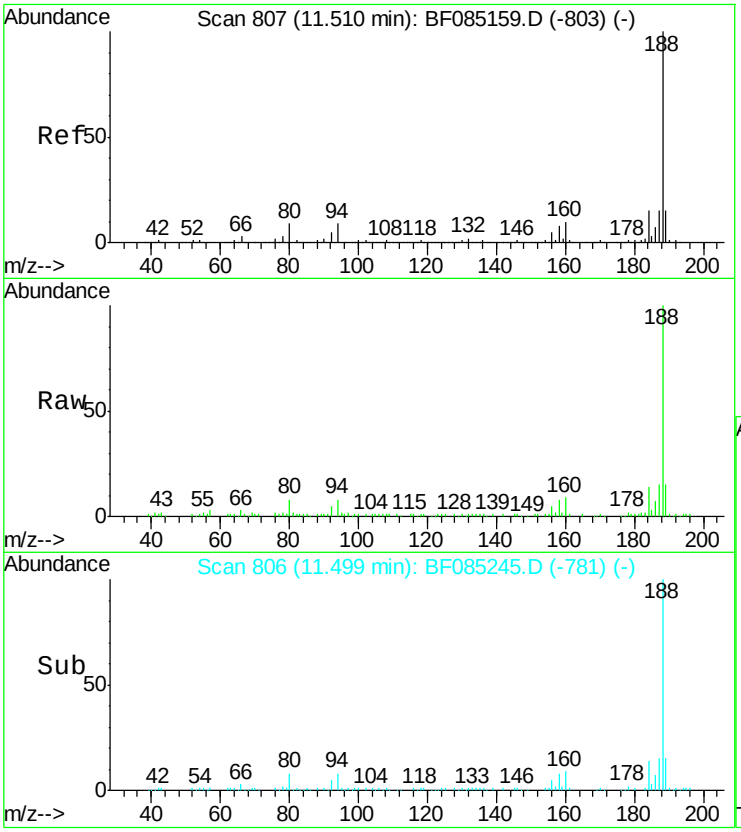


#57
Fluorene
Concen: 19.35 ng
RT: 10.56 min Scan# 724
Delta R.T. -0.01 min
Lab File: BF085245.D
Acq: 5 Mar 2016 10:57

Tgt Ion:166 Resp: 53573

Ion	Ratio	Lower	Upper
166	100		
165	99.3	79.4	119.0
167	13.9	11.0	16.6



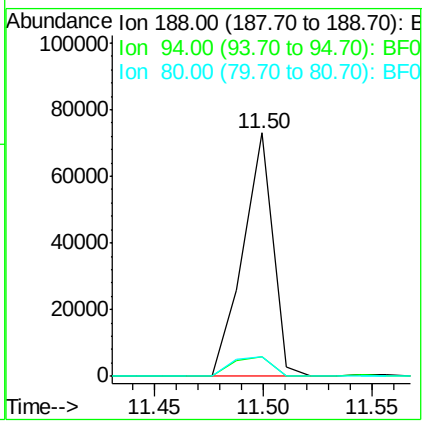


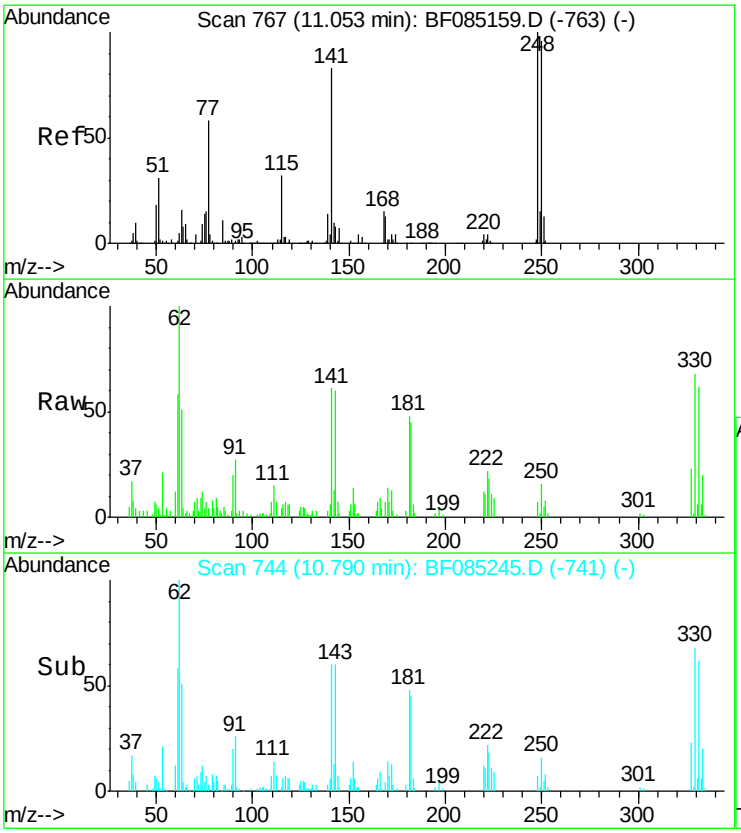
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.50 min Scan# 806
Delta R.T. -0.01 min
Lab File: BF085245.D
Acq: 5 Mar 2016 10:57

Instrument :
BNA_F
ClientSampleId :
SP-001(0-2)

Tgt Ion:188 Resp: 69756

Ion	Ratio	Lower	Upper
188	100		
94	8.1	7.0	10.6
80	8.0	7.4	11.0

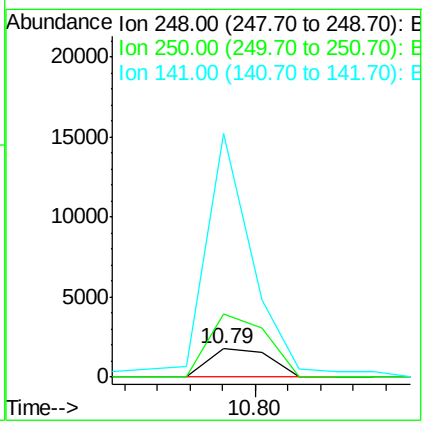


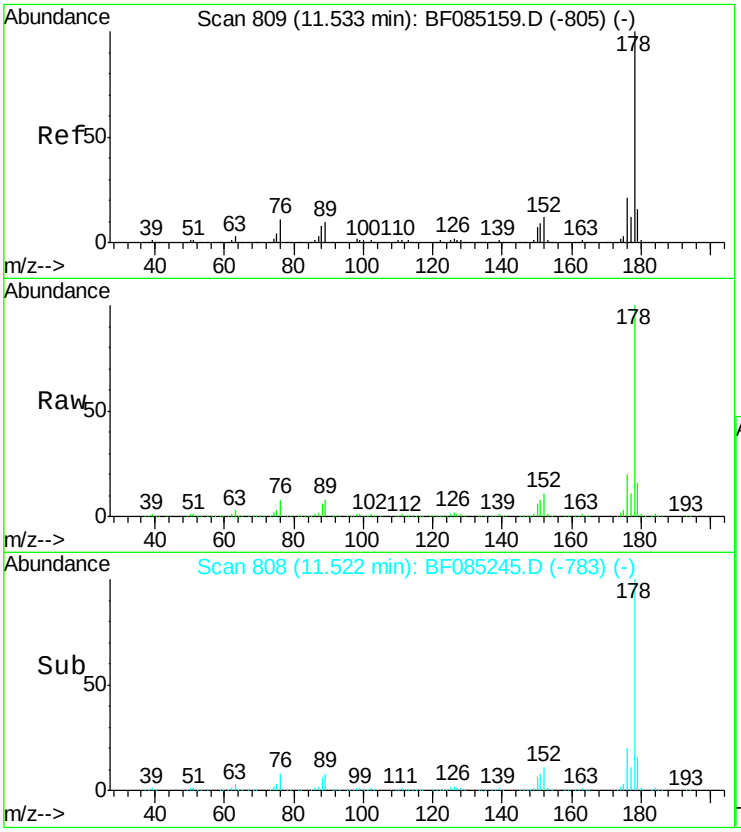


#66
4-Bromophenyl-phenylether
Concen: 3.32 ng
RT: 10.79 min Scan# 744
Delta R.T. -0.26 min
Lab File: BF085245.D
Acq: 5 Mar 2016 10:57

Tgt Ion:248 Resp: 2252

Ion	Ratio	Lower	Upper
248	100		
250	223.1	77.1	115.7#
141	856.9	66.2	99.2#



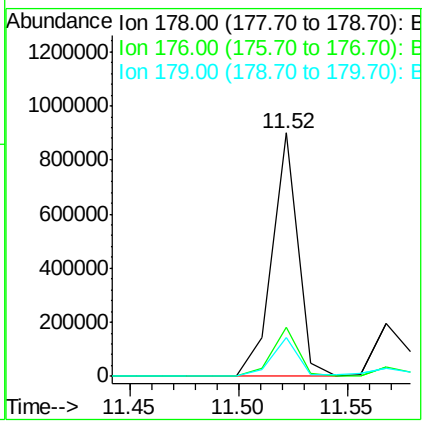


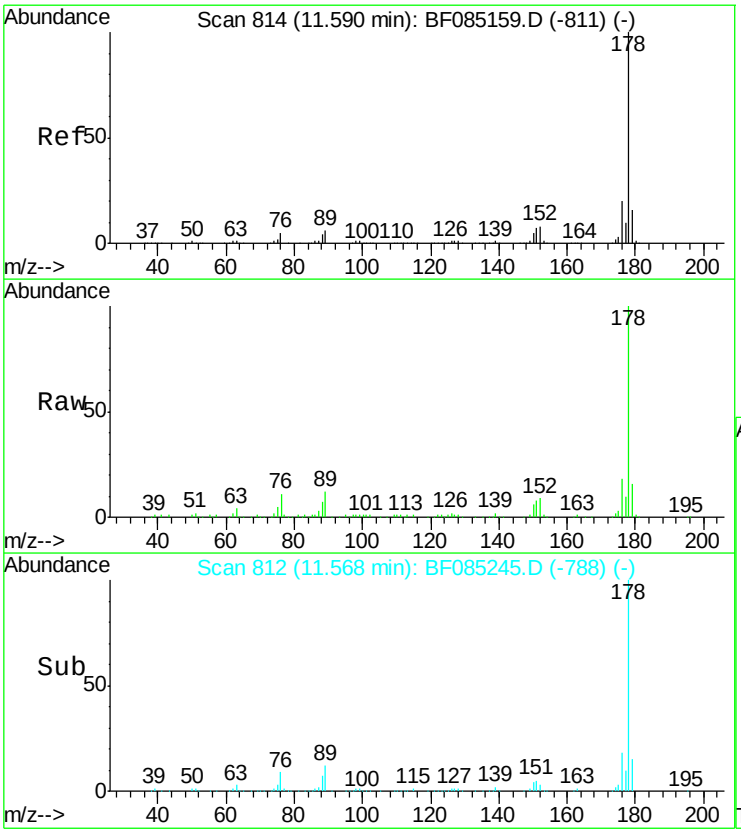
#70
Phenanthrene
Concen: 206.35 ng
RT: 11.52 min Scan# 808
Delta R.T. -0.01 min
Lab File: BF085245.D
Acq: 5 Mar 2016 10:57

Instrument :
BNA_F
ClientSampleId :
SP-001(0-2)

Tgt Ion:178 Resp: 754352

Ion	Ratio	Lower	Upper
178	100		
176	20.0	16.8	25.2
179	15.7	13.1	19.7

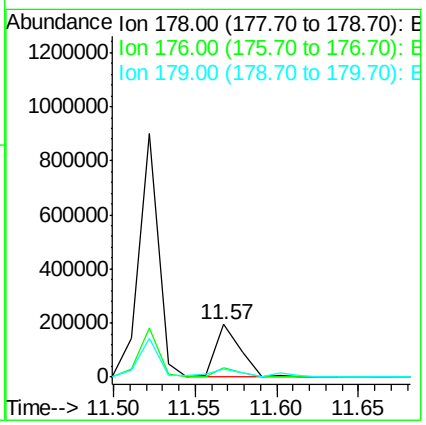


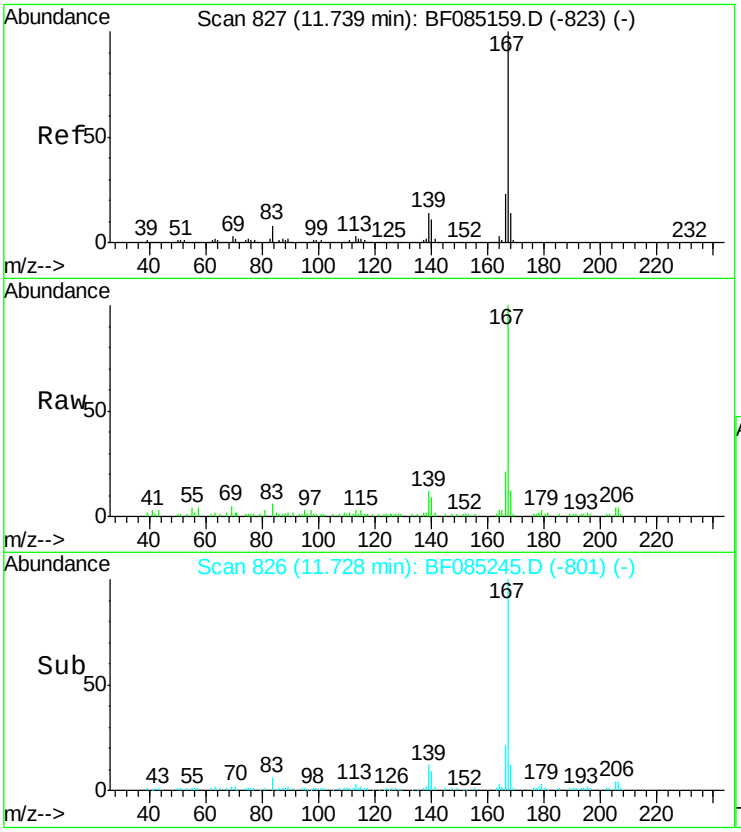


#71
Anthracene
Concen: 53.29 ng
RT: 11.57 min Scan# 812
Delta R.T. -0.02 min
Lab File: BF085245.D
Acq: 5 Mar 2016 10:57

Tgt Ion:178 Resp: 206817

Ion	Ratio	Lower	Upper
178	100		
176	18.4	15.9	23.9
179	15.6	12.5	18.7



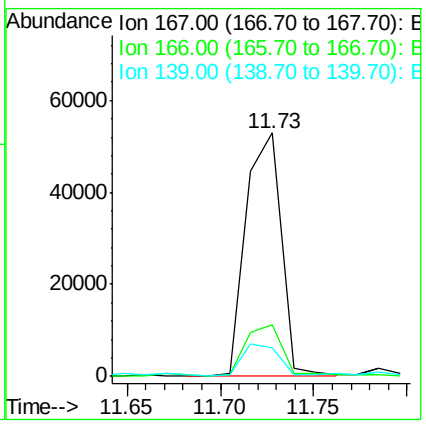


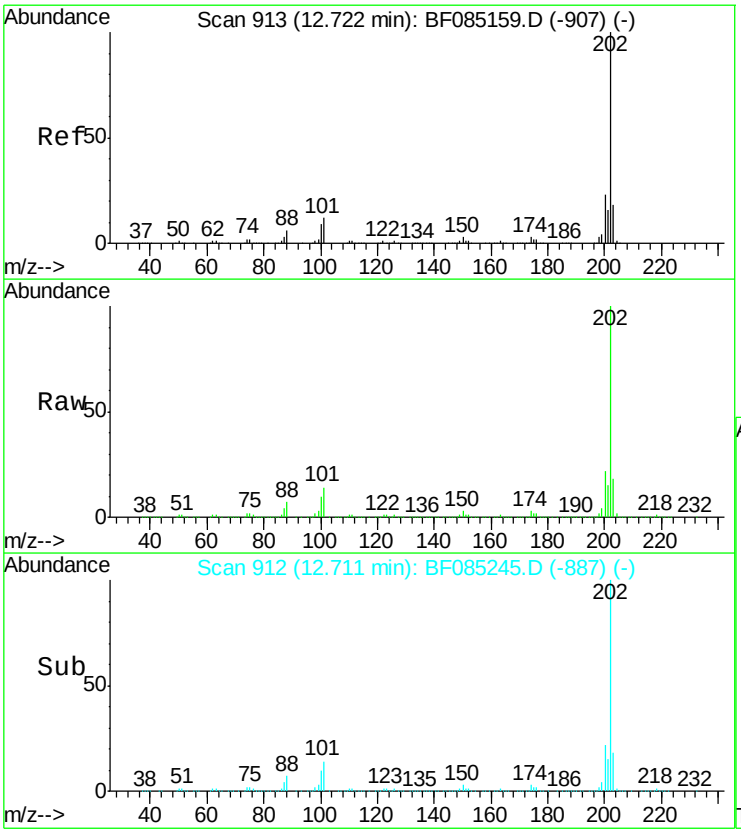
#72
Carbazole
Concen: 20.38 ng
RT: 11.73 min Scan# 826
Delta R.T. -0.01 min
Lab File: BF085245.D
Acq: 5 Mar 2016 10:57

Instrument :
BNA_F
ClientSampleId :
SP-001(0-2)

Tgt Ion:167 Resp: 69358

Ion	Ratio	Lower	Upper
167	100		
166	21.3	18.2	27.2
139	11.7	11.4	17.0

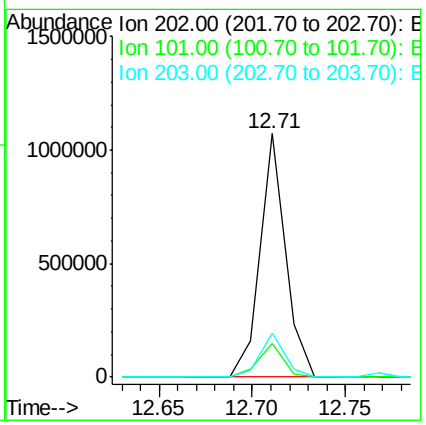


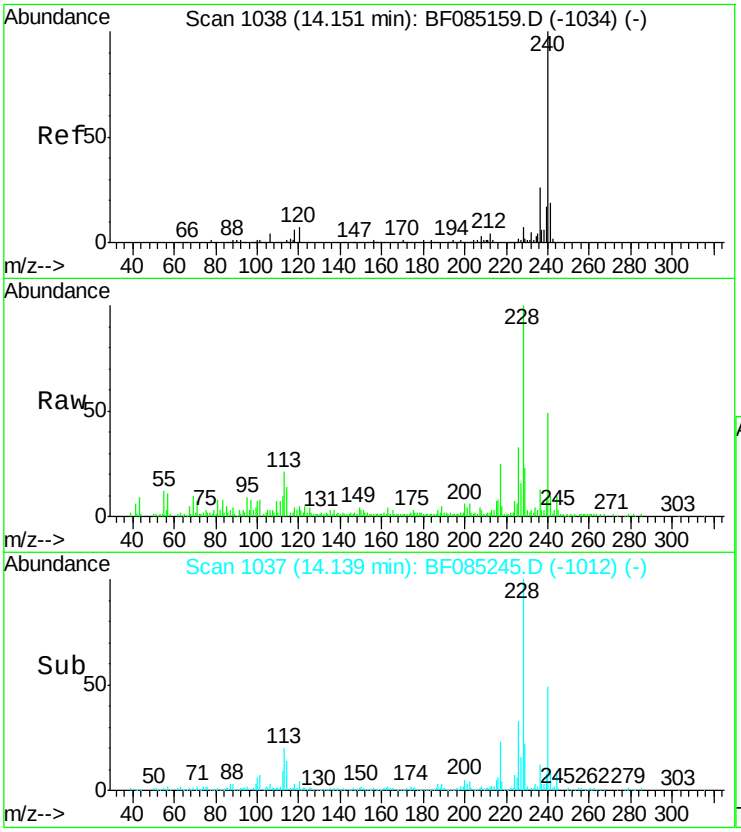


#74
Fluoranthene
Concen: 274.97 ng
RT: 12.71 min Scan# 912
Delta R.T. -0.01 min
Lab File: BF085245.D
Acq: 5 Mar 2016 10:57

Tgt Ion:202 Resp: 1008793

Ion	Ratio	Lower	Upper
202	100		
101	13.7	0.0	31.8
203	18.3	0.0	38.4



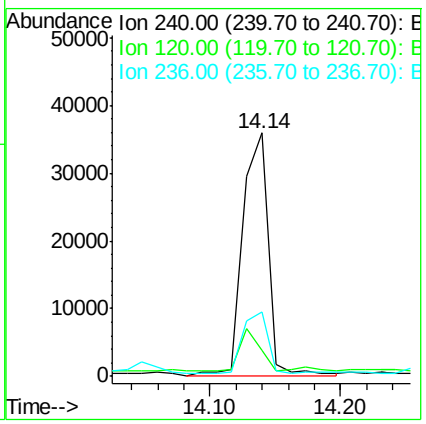


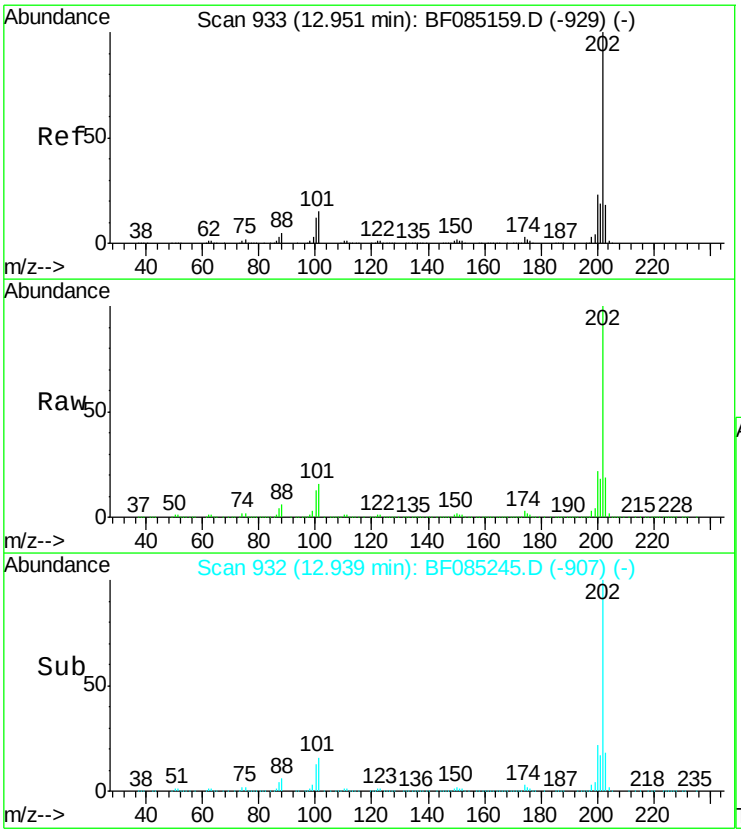
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.14 min Scan# 1037
Delta R.T. -0.01 min
Lab File: BF085245.D
Acq: 5 Mar 2016 10:57

Instrument :
BNA_F
ClientSampleId :
SP-001(0-2)

Tgt Ion:240 Resp: 49445

Ion	Ratio	Lower	Upper
240	100		
120	10.5	5.3	7.9#
236	26.3	20.7	31.1

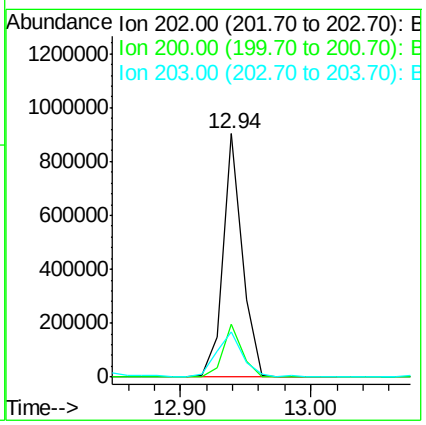


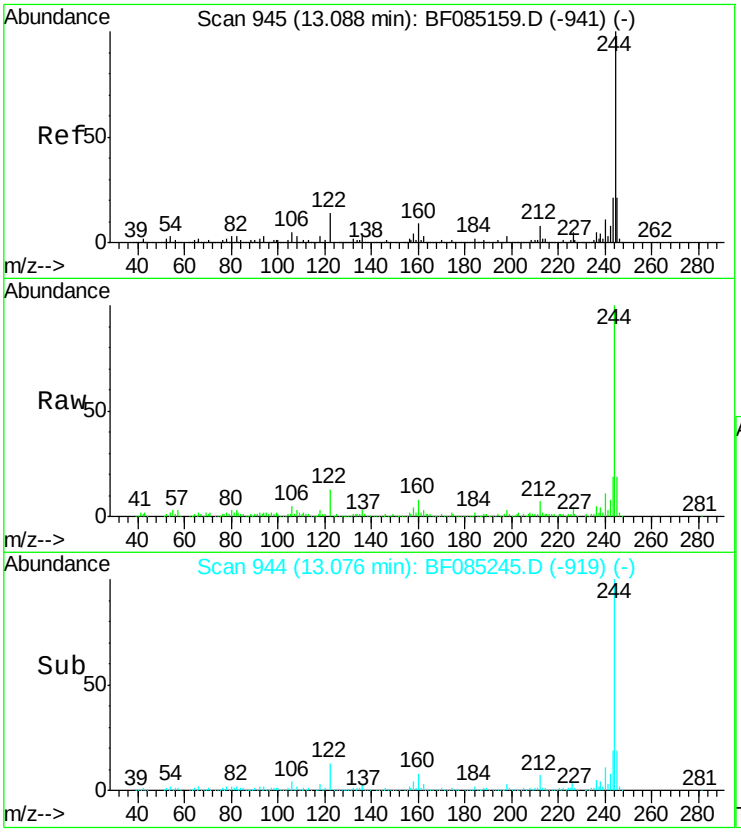


#77
Pyrene
Concen: 250.53 ng
RT: 12.94 min Scan# 932
Delta R.T. -0.01 min
Lab File: BF085245.D
Acq: 5 Mar 2016 10:57

Tgt Ion:202 Resp: 932361

Ion	Ratio	Lower	Upper
202	100		
200	21.6	18.2	27.4
203	18.6	14.7	22.1



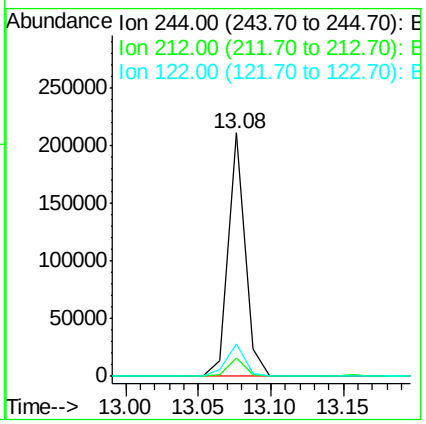


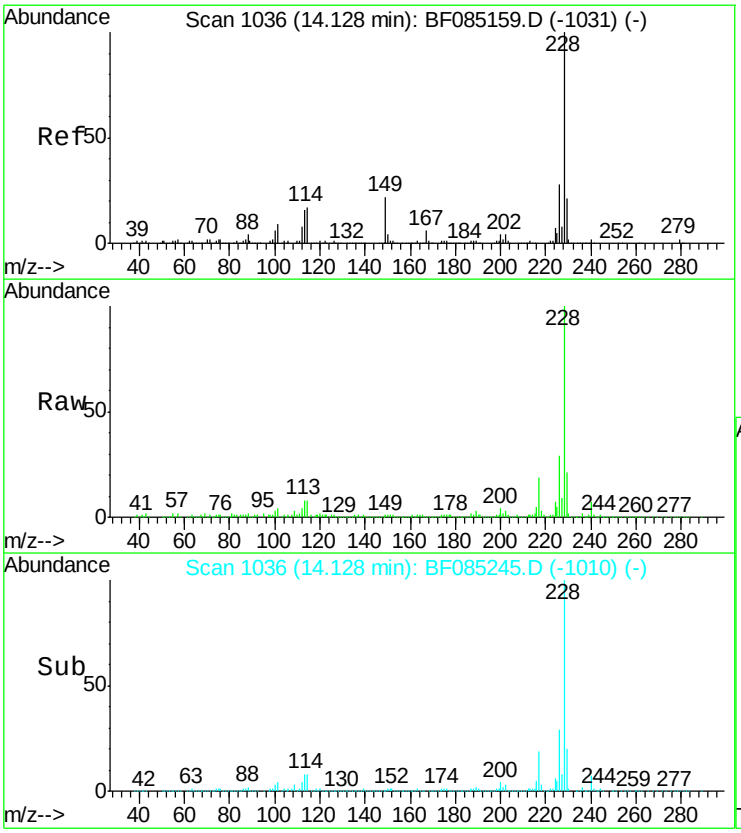
#78
Terphenyl-d14
Concen: 80.54 ng
RT: 13.08 min Scan# 944
Delta R.T. -0.01 min
Lab File: BF085245.D
Acq: 5 Mar 2016 10:57

Instrument :
BNA_F
ClientSampleId :
SP-001(0-2)

Tgt Ion:244 Resp: 171553

Ion	Ratio	Lower	Upper
244	100		
212	7.4	6.4	9.6
122	13.4	11.4	17.2

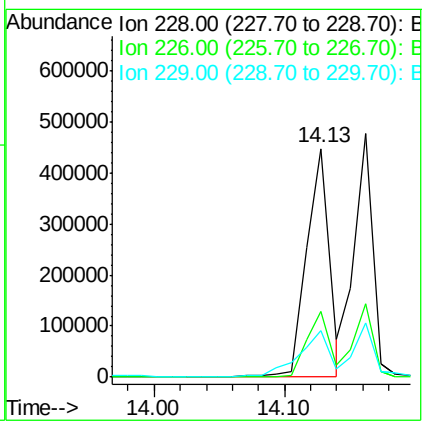


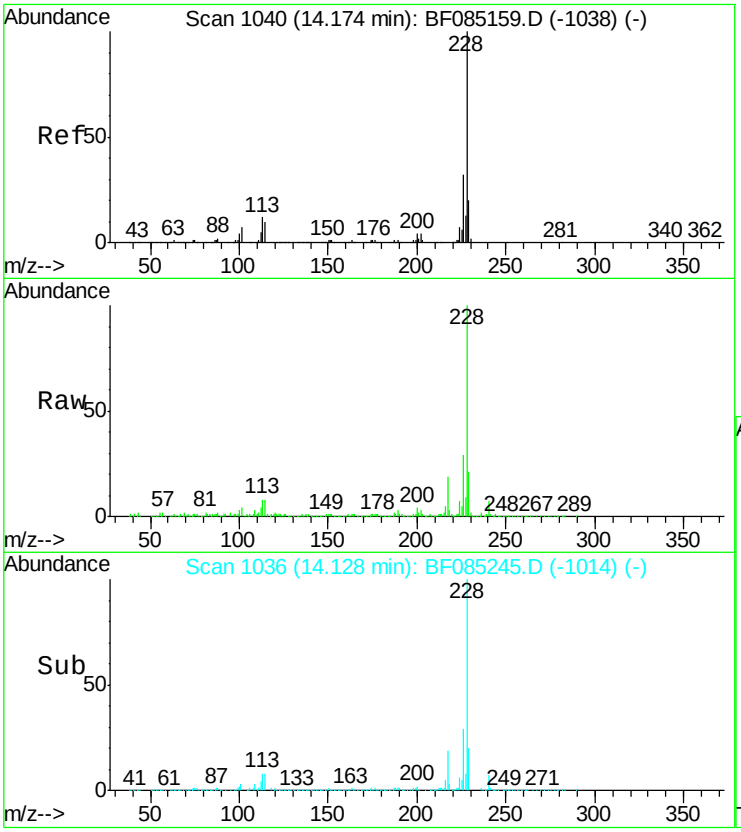


#80
Benzo(a)anthracene
Concen: 184.25 ng
RT: 14.13 min Scan# 1036
Delta R.T. 0.00 min
Lab File: BF085245.D
Acq: 5 Mar 2016 10:57

Tgt Ion:228 Resp: 545389

Ion	Ratio	Lower	Upper
228	100		
226	28.9	22.8	34.2
229	20.6	16.6	24.8



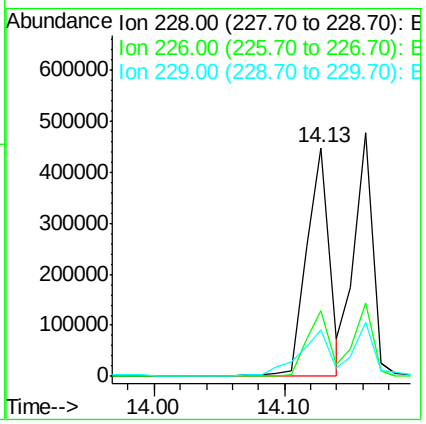


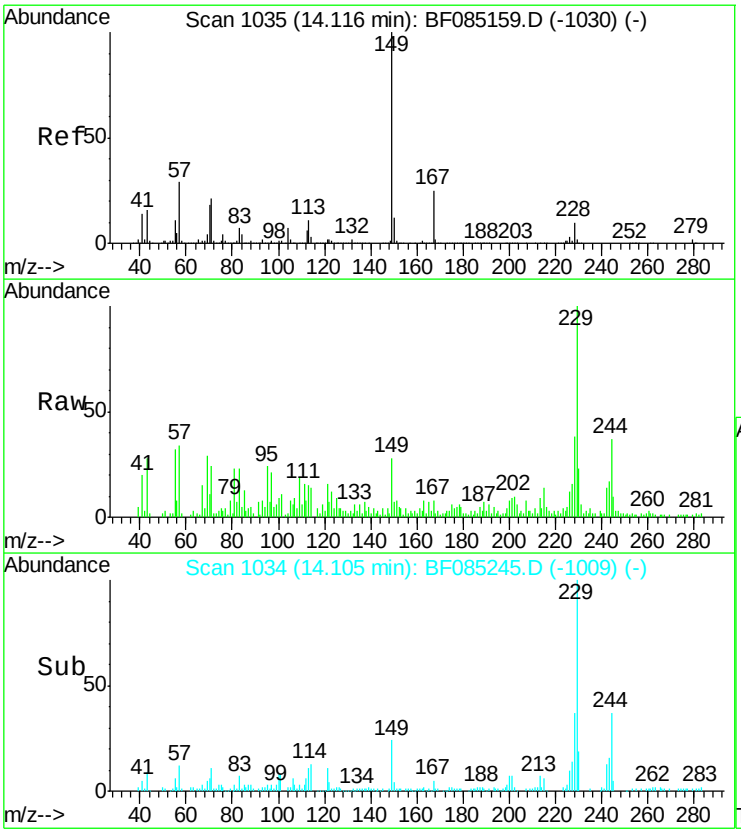
#82
Chrysene
Concen: 199.45 ng
RT: 14.13 min Scan# 1036
Delta R.T. -0.05 min
Lab File: BF085245.D
Acq: 5 Mar 2016 10:57

Instrument :
BNA_F
ClientSampleId :
SP-001(0-2)

Tgt Ion:228 Resp: 545389

Ion	Ratio	Lower	Upper
228	100		
226	28.9	25.2	37.8
229	20.6	16.0	24.0

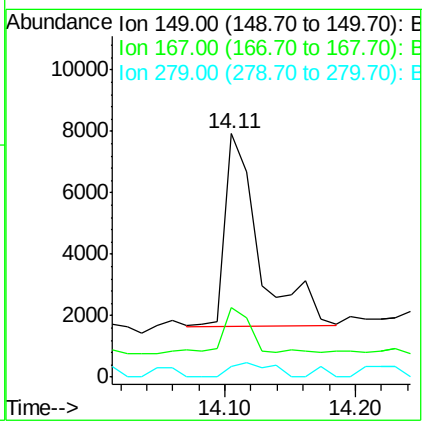


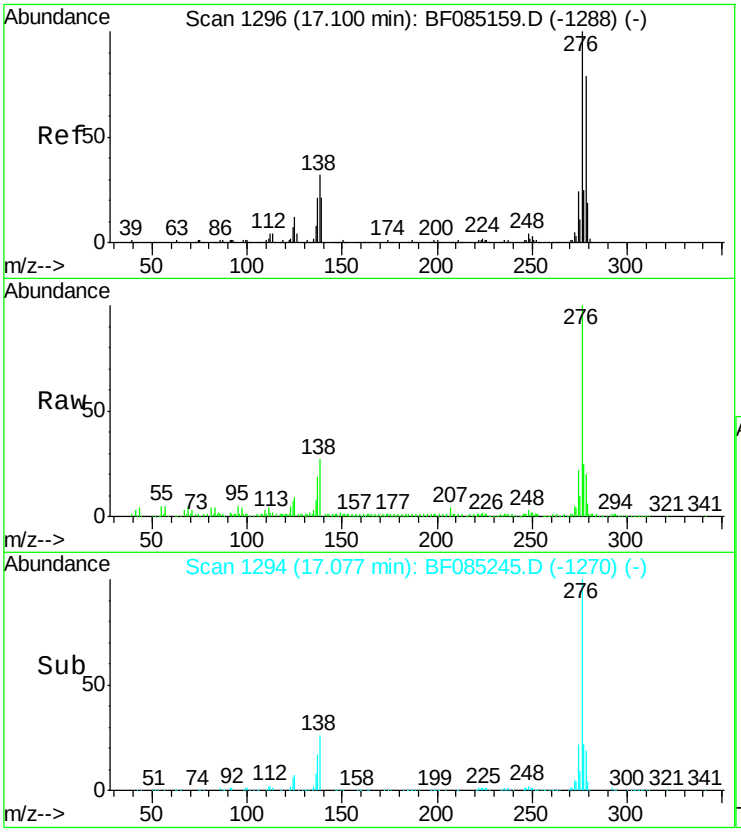


#83
Bis(2-ethylhexyl)phthalate
Concen: 5.09 ng
RT: 14.11 min Scan# 1034
Delta R.T. -0.01 min
Lab File: BF085245.D
Acq: 5 Mar 2016 10:57

Tgt Ion:149 Resp: 11311

Ion	Ratio	Lower	Upper
149	100		
167	28.7	20.3	30.5
279	4.5	1.9	2.9#



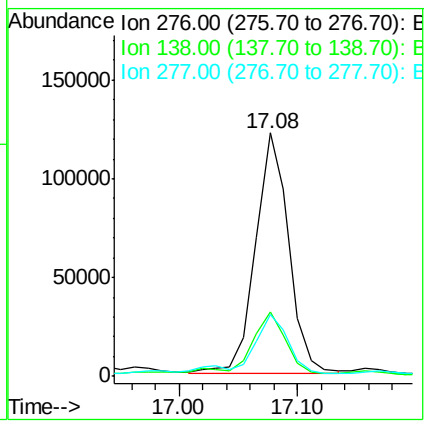


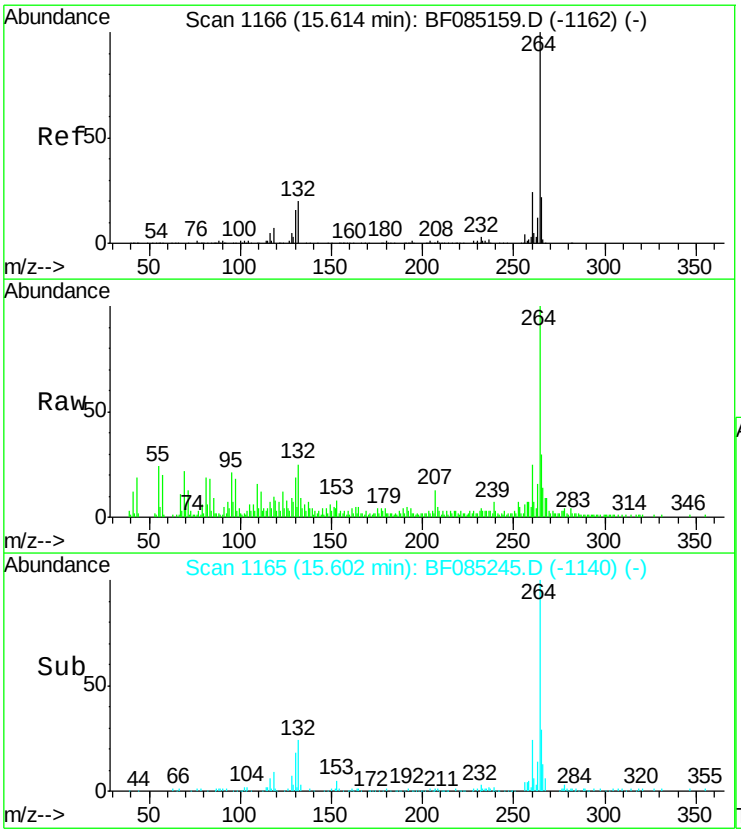
#85
Indeno(1,2,3-cd)pyrene
Concen: 112.02 ng
RT: 17.08 min Scan# 1294
Delta R.T. -0.02 min
Lab File: BF085245.D
Acq: 5 Mar 2016 10:57

Instrument :
BNA_F
ClientSampleId :
SP-001(0-2)

Tgt Ion:276 Resp: 239050

Ion	Ratio	Lower	Upper
276	100		
138	26.6	26.4	39.6
277	28.4	20.2	30.2

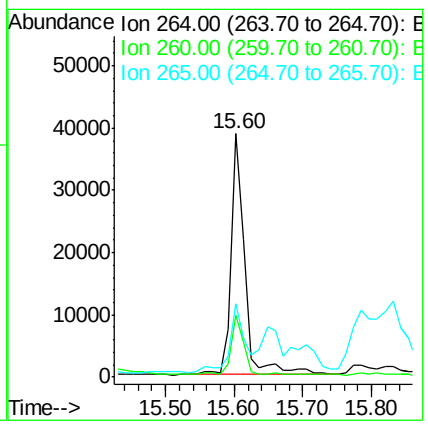


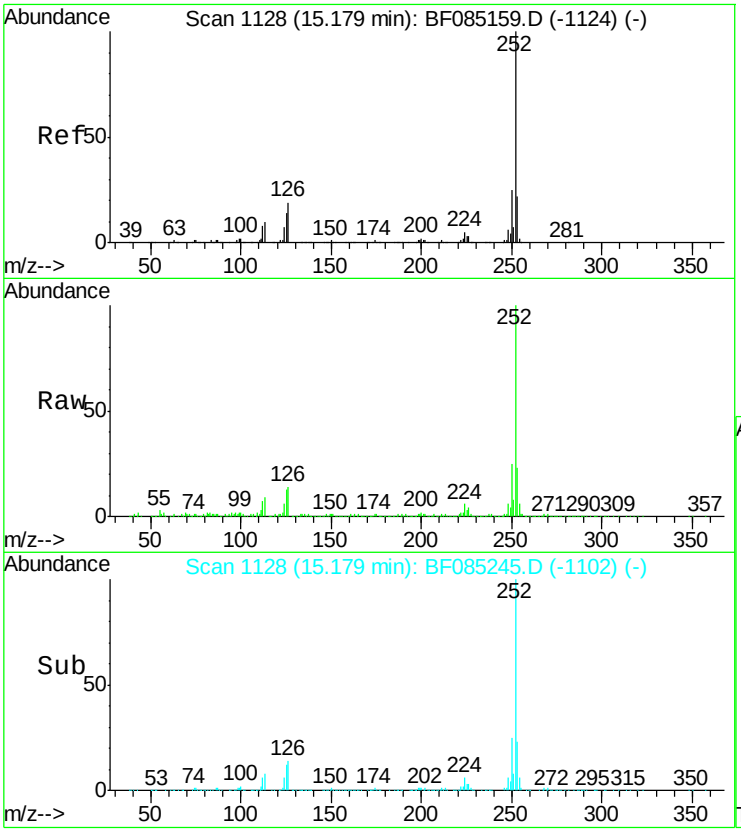


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.60 min Scan# 1165
Delta R.T. -0.01 min
Lab File: BF085245.D
Acq: 5 Mar 2016 10:57

Tgt Ion:264 Resp: 54965

Ion	Ratio	Lower	Upper
264	100		
260	25.2	19.2	28.8
265	30.1	17.3	25.9#



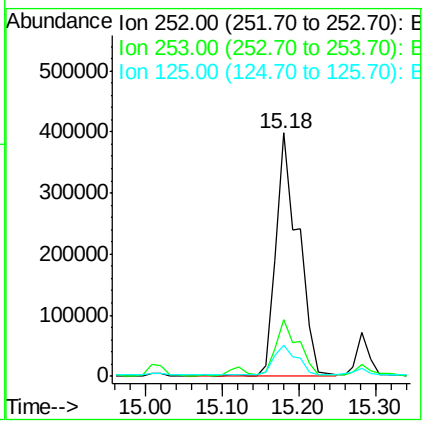


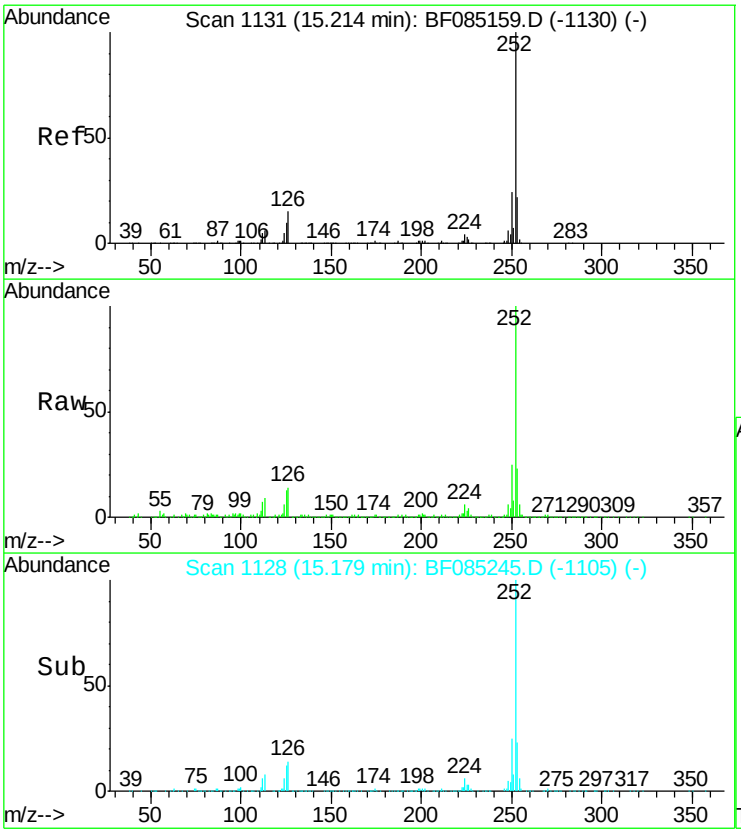
#87
Benzo(b)fluoranthene
Concen: 220.87 ng
RT: 15.18 min Scan# 1128
Delta R.T. 0.00 min
Lab File: BF085245.D
Acq: 5 Mar 2016 10:57

Instrument :
BNA_F
ClientSampleId :
SP-001(0-2)

Tgt Ion:252 Resp: 809175

Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.8	26.6
125	13.0	11.3	16.9

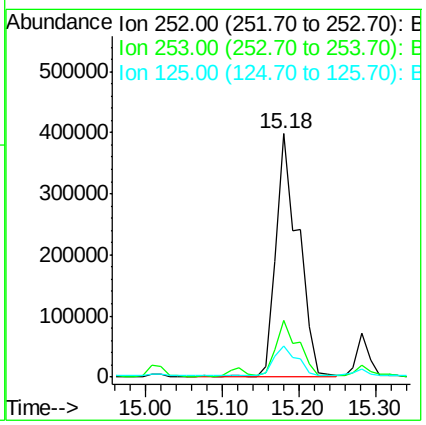


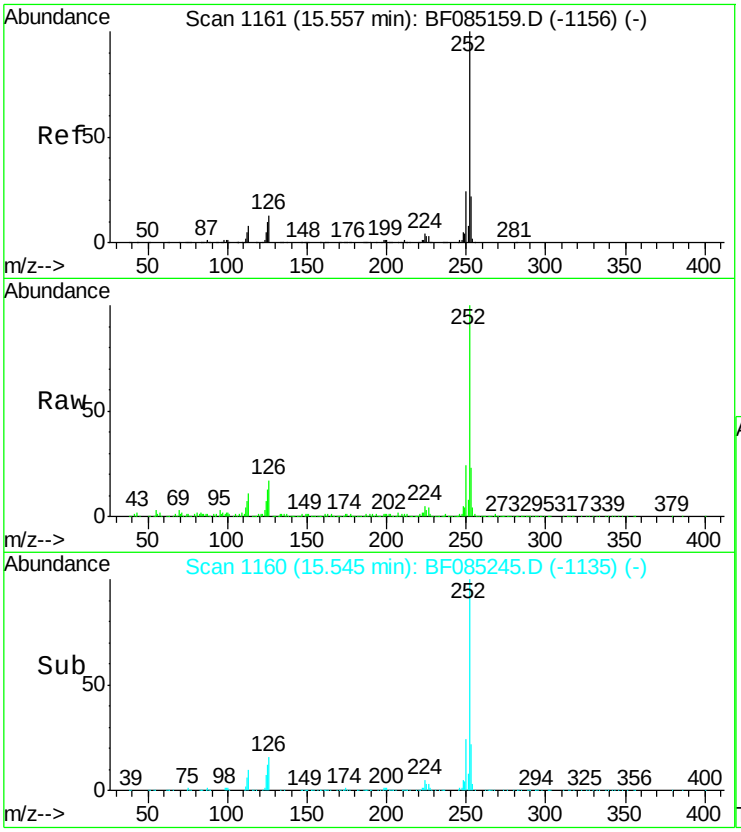


#88
Benzo(k)fluoranthene
Concen: 273.83 ng
RT: 15.18 min Scan# 1128
Delta R.T. -0.03 min
Lab File: BF085245.D
Acq: 5 Mar 2016 10:57

Tgt Ion:252 Resp: 809175

Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.8	26.6
125	13.0	10.4	15.6



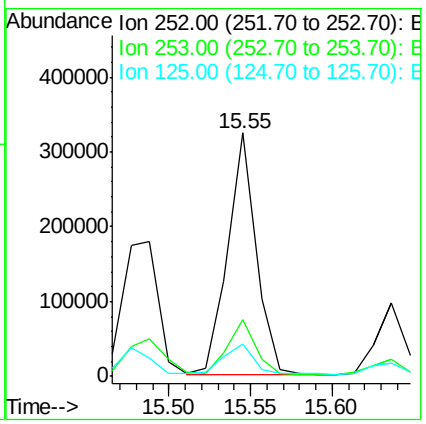


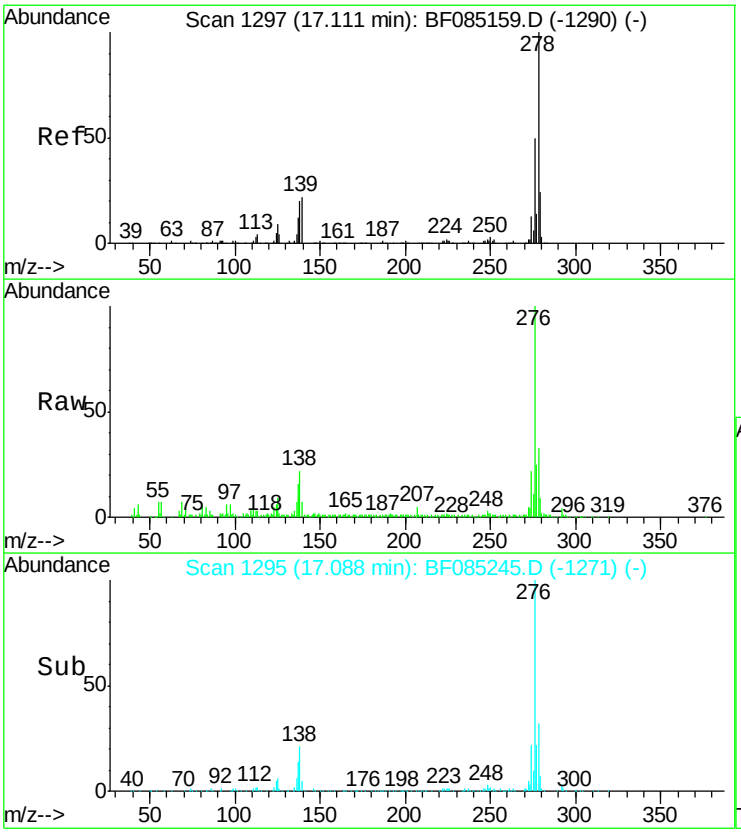
#89
Benzo(a)pyrene
Concen: 129.21 ng
RT: 15.55 min Scan# 1160
Delta R.T. -0.01 min
Lab File: BF085245.D
Acq: 5 Mar 2016 10:57

Instrument :
BNA_F
ClientSampleId :
SP-001(0-2)

Tgt Ion:252 Resp: 392278

Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.4	26.0
125	13.3	8.2	12.4#

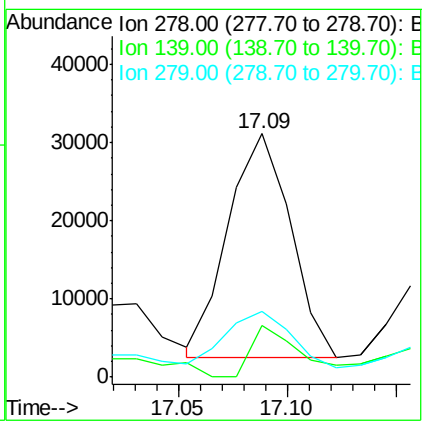


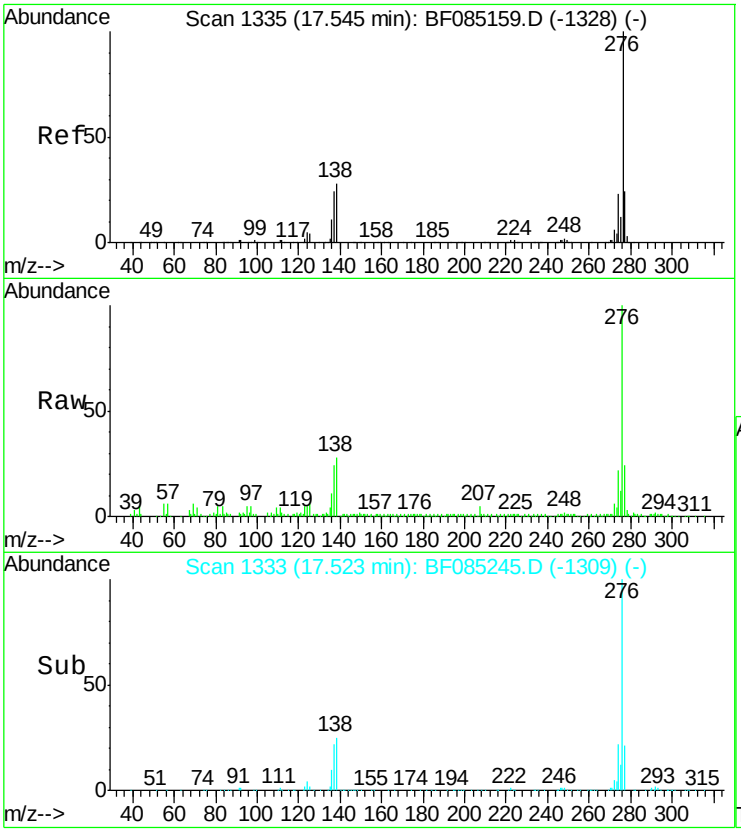


#90
Dibenzo(a,h)anthracene
Concen: 22.12 ng
RT: 17.09 min Scan# 1295
Delta R.T. -0.02 min
Lab File: BF085245.D
Acq: 5 Mar 2016 10:57

Tgt Ion:278 Resp: 57335

Ion	Ratio	Lower	Upper
278	100		
139	21.4	17.3	25.9
279	26.8	19.2	28.8





#91
Benzo(g,h,i)perylene
Concen: 80.85 ng
RT: 17.52 min Scan# 1333
Delta R.T. -0.02 min
Lab File: BF085245.D
Acq: 5 Mar 2016 10:57

Instrument :
BNA_F
ClientSampleId :
SP-001(0-2)

Tgt Ion:276 Resp: 210681

Ion	Ratio	Lower	Upper
276	100		
277	23.5	19.0	28.4
138	27.7	22.5	33.7