Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040616\
Data File : BF086123.D
Acq On : 7 Apr 2016 3:13
Operator : UM/SJ
Sample : H2191-02 5X
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Apr 07 09:12:31 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040216.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 01 23:17:06 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	80749	20.00	ng		0.13
21) Naphthalene-d8	8.03	136	330034	20.00	ng		-0.03
38) Acenaphthene-d10	9.78	164	118310	20.00	ng		-0.03
63) Phenanthrene-d10	11.26	188	220978	20.00	ng		-0.03
75) Chrysene-d12	13.91	240	204056	20.00	ng		-0.02
86) Perylene-d12	15.30	264	143318	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.33	112	176295	37.32	ng		-0.03
7) Phenol-d6	6.40	99	207260	34.54	ng		-0.02
23) Nitrobenzene-d5	7.31	82	121307	21.68	ng		-0.03
41) 2,4,6-Tribromophenol	10.58	330	27631	24.88	ng		-0.02
44) 2-Fluorobiphenyl	9.10	172	200166	28.13	ng		-0.03
78) Terphenyl-d14	12.84	244	158399	18.25	ng		-0.03
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.31	70	16614	4.47	ng	#	82
25) Isophorone	7.31	82	111687	10.11	ng	#	69
49) Dimethylphthalate	9.50	163	19445	2.22	ng		99
50) 2,6-Dinitrotoluene	9.78	165	16011	8.63	ng	#	20
57) Fluorene	10.33	166	23240	2.92	ng		98
70) Phenanthrene	11.29	178	189525	15.72	ng		99
71) Anthracene	11.34	178	43101	3.41	ng		99
74) Fluoranthene	12.48	202	239611	19.11	ng		93
77) Pyrene	12.70	202	221388	15.40	ng		99
79) Butylbenzylphthalate	13.32	149	84186	13.00	ng	#	80
80) Benzo(a)anthracene	13.89	228	115257	9.58	ng		98
82) Chrysene	13.93	228	72132	6.23	ng		97
83) Bis(2-ethylhexyl)phthalate	13.88	149	78549	9.14	ng	#	97
85) Indeno(1,2,3-cd)pyrene	16.65	276	28732	3.06	ng		93
87) Benzo(b)fluoranthene	14.91	252	114640	12.72	ng	#	96
88) Benzo(k)fluoranthene	14.91	252	114640	14.36	ng	#	93
89) Benzo(a)pyrene	15.24	252	57139	7.15	ng	#	89
91) Benzo(g,h,i)perylene	17.06	276	29336	4.72	ng		96

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

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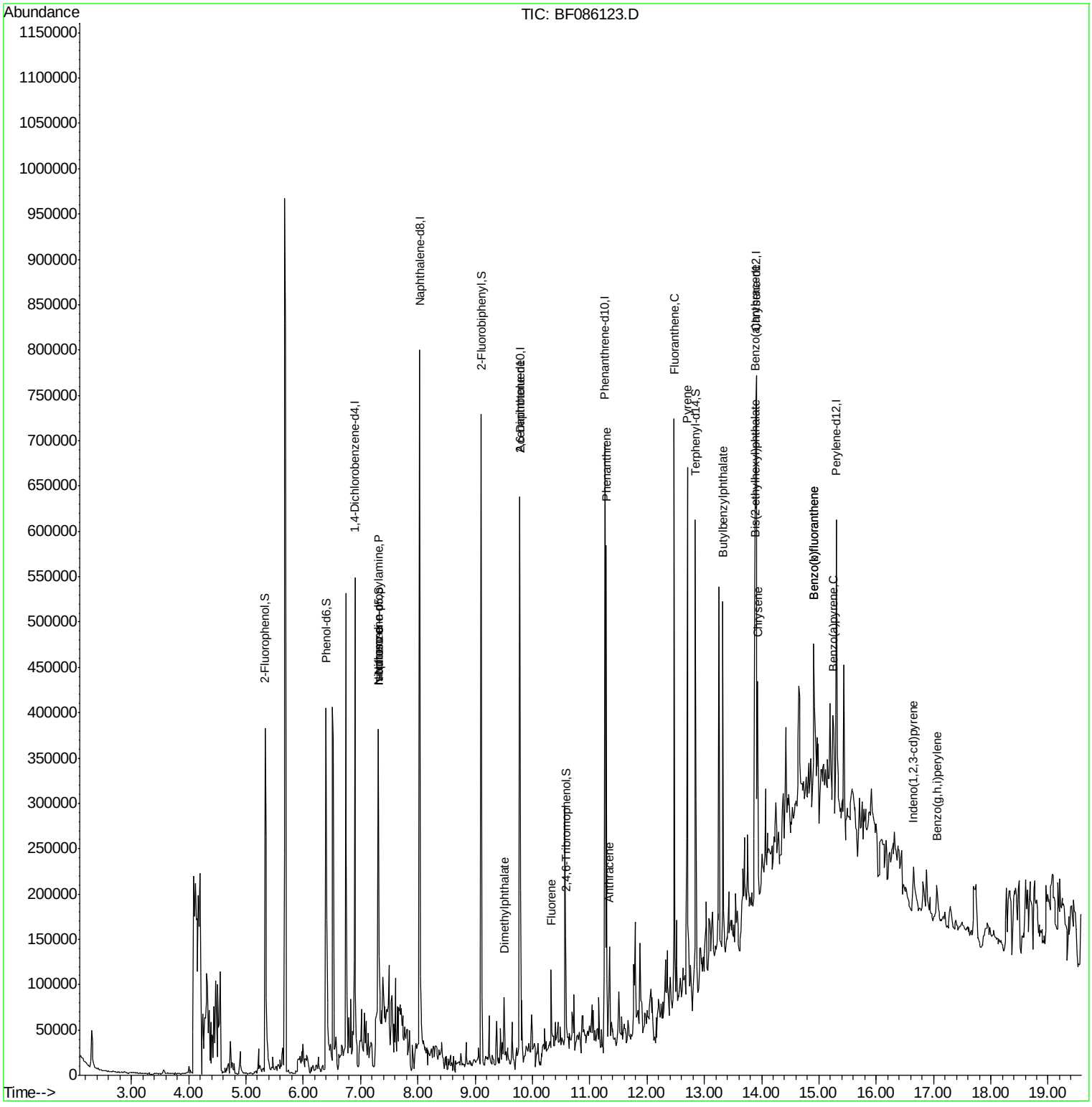
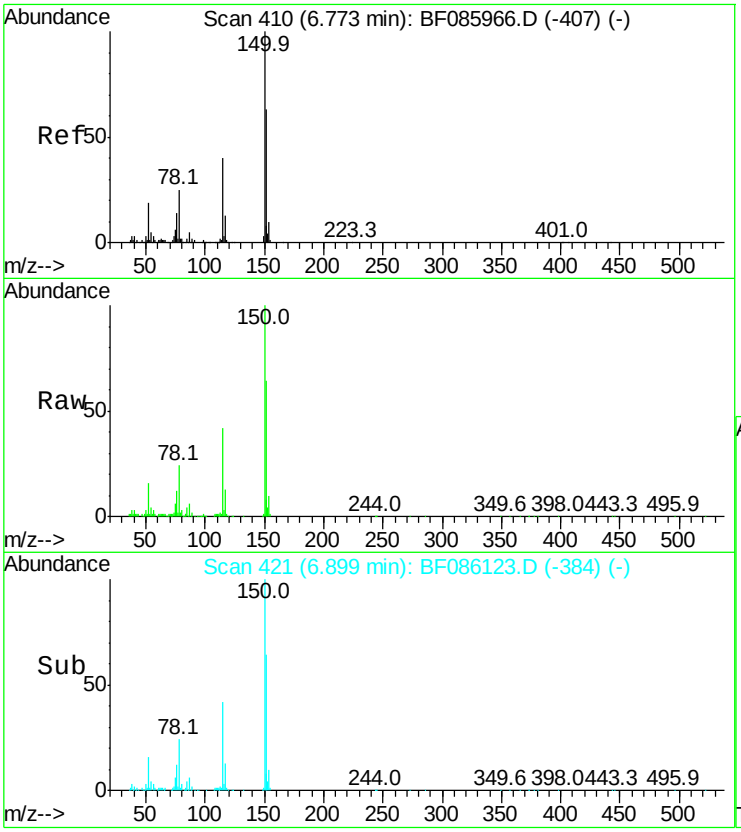


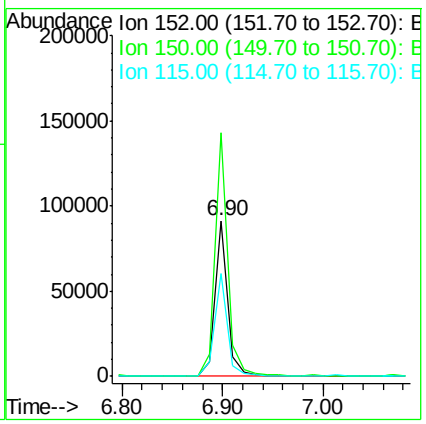


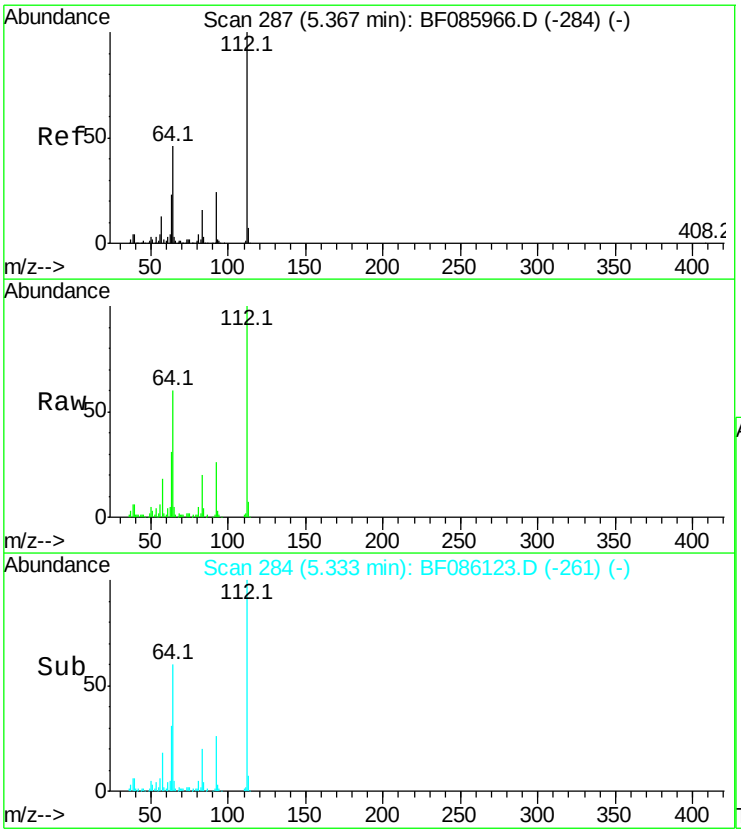
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.90 min Scan# 421
Delta R.T. 0.13 min
Lab File: BF086123.D
Acq: 7 Apr 2016 3:13

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 80749

Ion	Ratio	Lower	Upper
152	100		
150	156.5	124.2	186.2
115	65.9	47.0	70.6

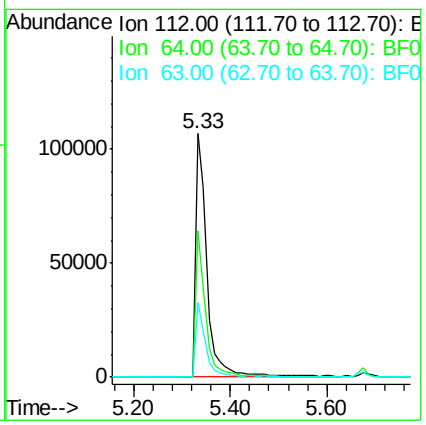


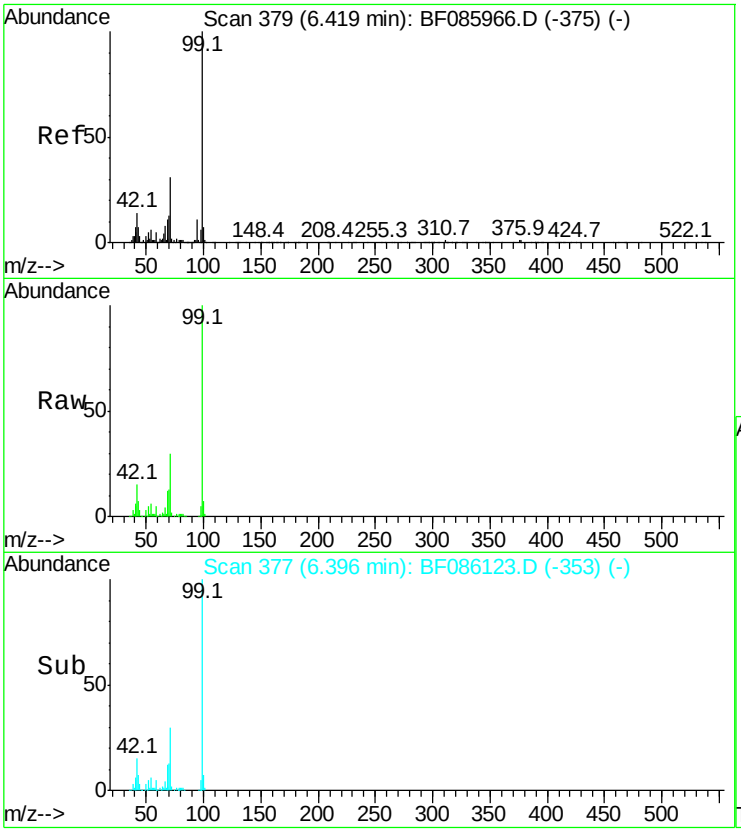


#5
2-Fluorophenol
Concen: 37.32 ng
RT: 5.33 min Scan# 284
Delta R.T. -0.03 min
Lab File: BF086123.D
Acq: 7 Apr 2016 3:13

Tgt Ion:112 Resp: 176295

Ion	Ratio	Lower	Upper
112	100		
64	60.2	39.9	59.9#
63	30.7	20.2	30.2#



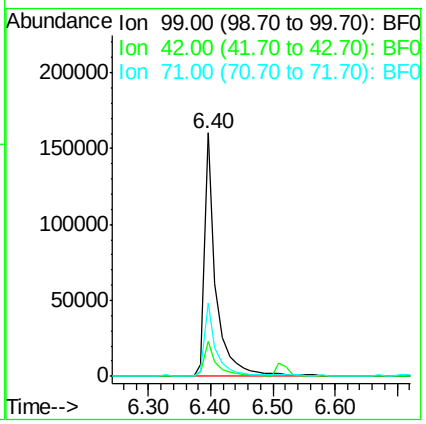


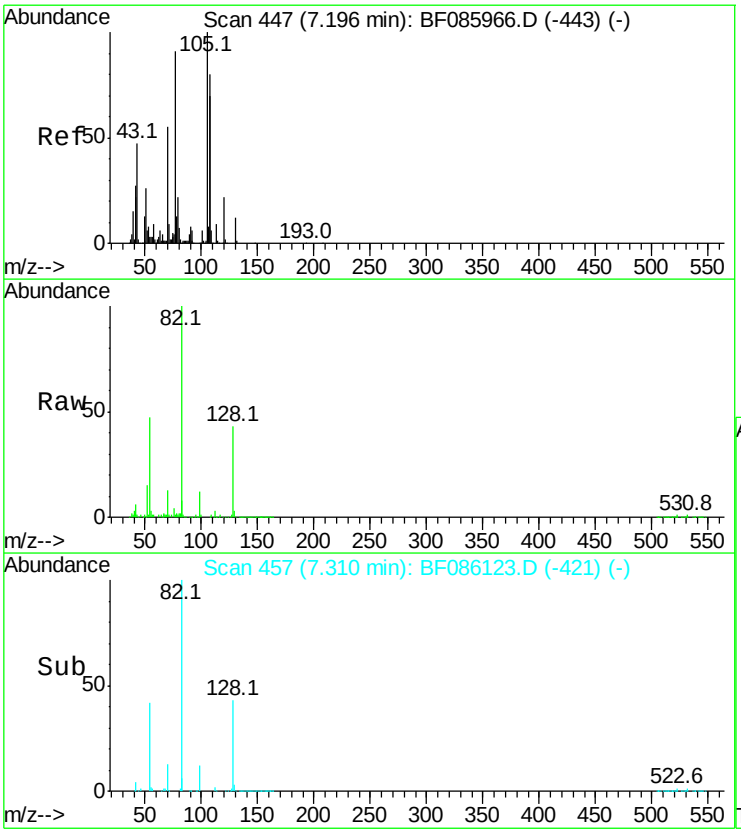
#7
Phenol-d6
Concen: 34.54 ng
RT: 6.40 min Scan# 377
Delta R.T. -0.02 min
Lab File: BF086123.D
Acq: 7 Apr 2016 3:13

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 207260

Ion	Ratio	Lower	Upper
99	100		
42	14.5	11.1	16.7
71	30.1	24.9	37.3

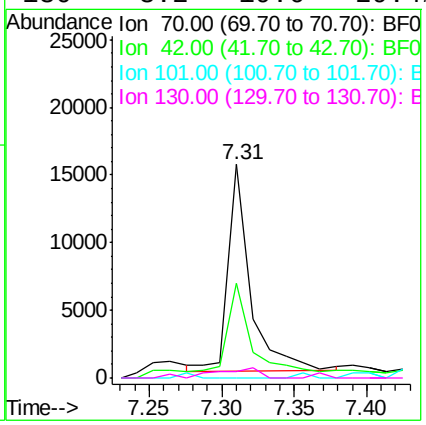


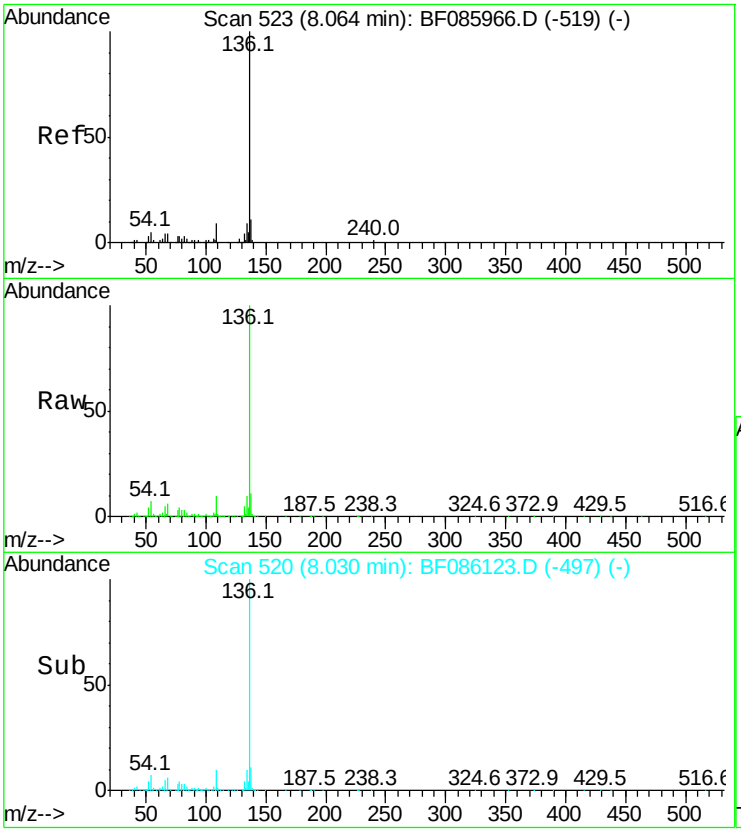


#19
n-Nitroso-di-n-propylamine
Concen: 4.47 ng
RT: 7.31 min Scan# 457
Delta R.T. 0.11 min
Lab File: BF086123.D
Acq: 7 Apr 2016 3:13

Tgt Ion: 70 Resp: 16614

Ion	Ratio	Lower	Upper
70	100		
42	44.4	37.1	55.7
101	0.0	8.6	12.8#
130	3.2	19.6	29.4#



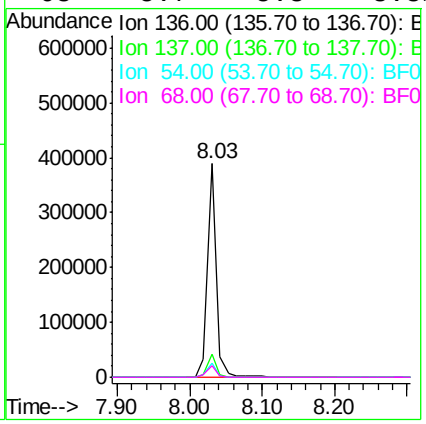


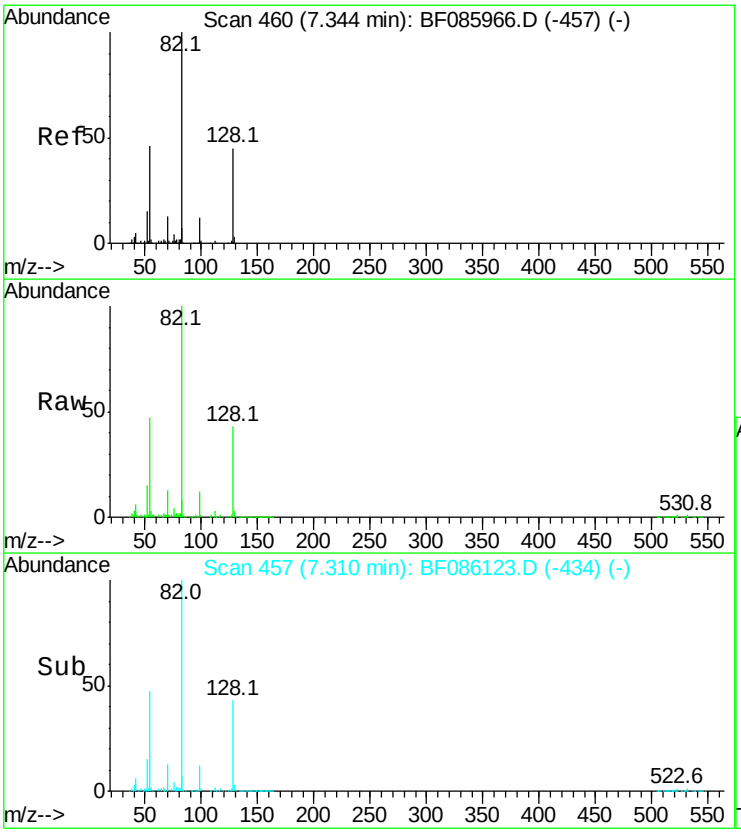
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.03 min Scan# 520
Delta R.T. -0.03 min
Lab File: BF086123.D
Acq: 7 Apr 2016 3:13

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 330034

Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.1	13.7
54	6.7	7.4	11.0#
68	5.7	5.8	8.8#

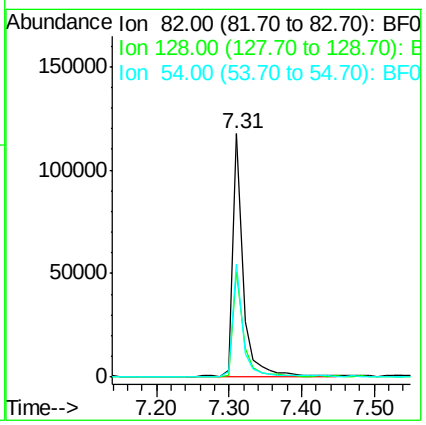


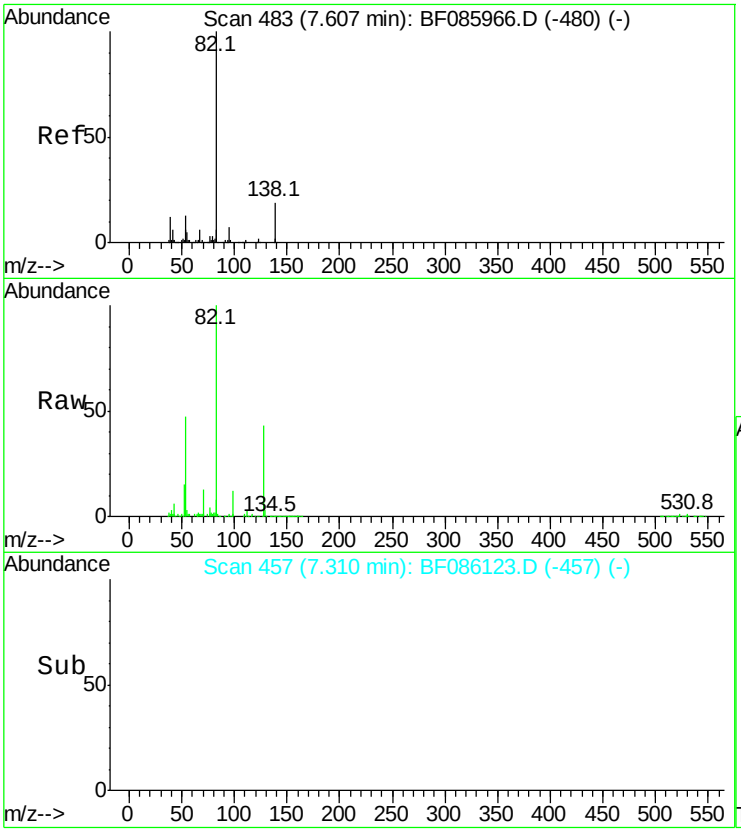


#23
Nitrobenzene-d5
Concen: 21.68 ng
RT: 7.31 min Scan# 457
Delta R.T. -0.03 min
Lab File: BF086123.D
Acq: 7 Apr 2016 3:13

Tgt Ion: 82 Resp: 121307

Ion	Ratio	Lower	Upper
82	100		
128	43.0	41.8	62.8
54	46.5	33.4	50.0



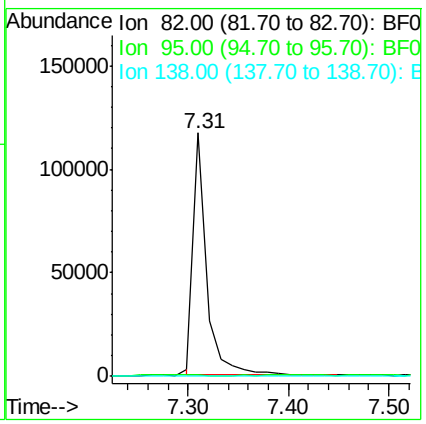


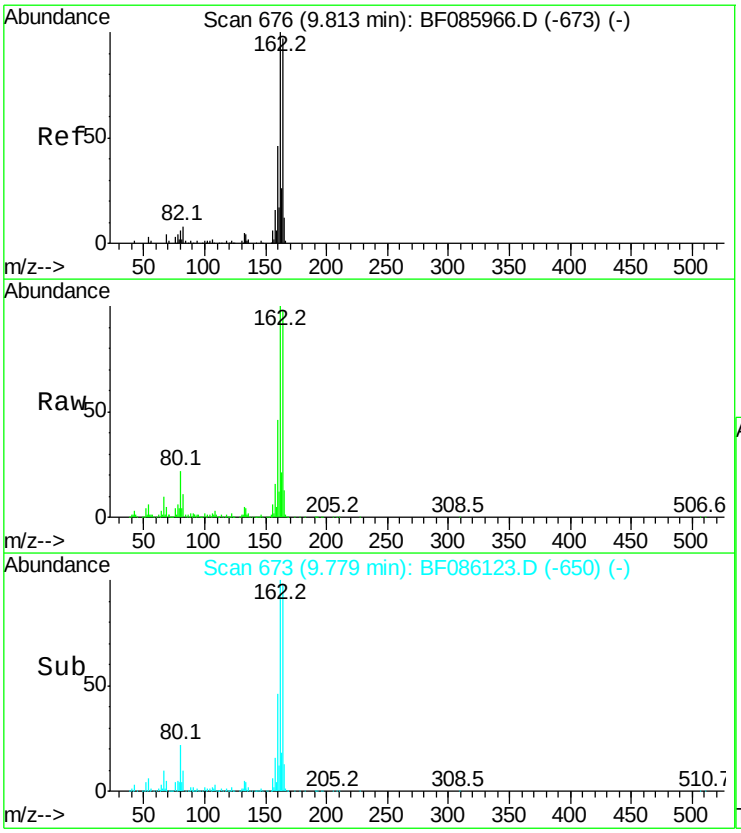
#25
Isophorone
Concen: 10.11 ng
RT: 7.31 min Scan# 457
Delta R.T. -0.30 min
Lab File: BF086123.D
Acq: 7 Apr 2016 3:13

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 111687

Ion	Ratio	Lower	Upper
82	100		
95	0.6	5.4	8.2#
138	0.3	12.9	19.3#

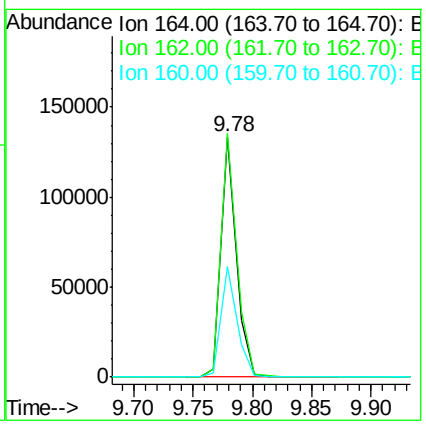


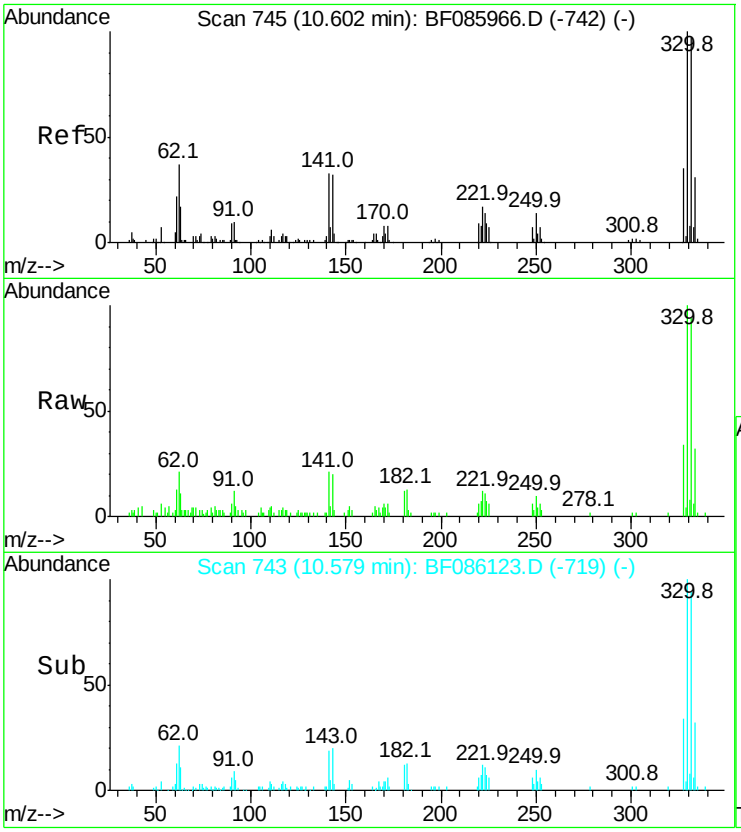


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.78 min Scan# 673
Delta R.T. -0.03 min
Lab File: BF086123.D
Acq: 7 Apr 2016 3:13

Tgt Ion:164 Resp: 118310

Ion	Ratio	Lower	Upper
164	100		
162	101.5	82.1	123.1
160	46.3	37.4	56.2



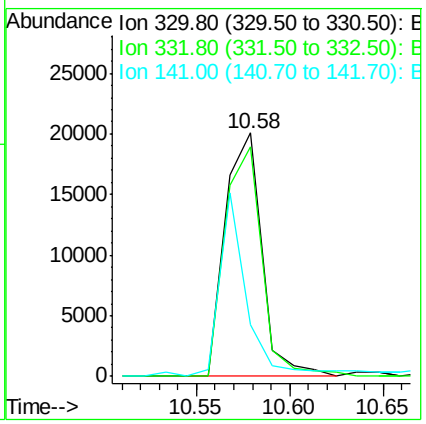


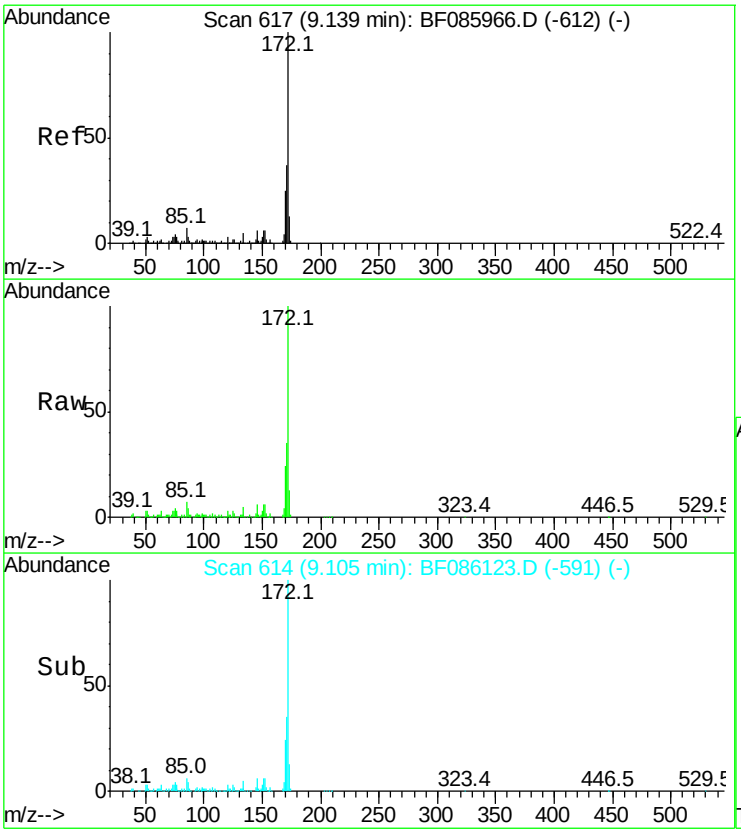
#41
2,4,6-Tribromophenol
Concen: 24.88 ng
RT: 10.58 min Scan# 743
Delta R.T. -0.02 min
Lab File: BF086123.D
Acq: 7 Apr 2016 3:13

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 27631

Ion	Ratio	Lower	Upper
330	100		
332	95.2	78.2	117.2
141	59.2	31.5	47.3#

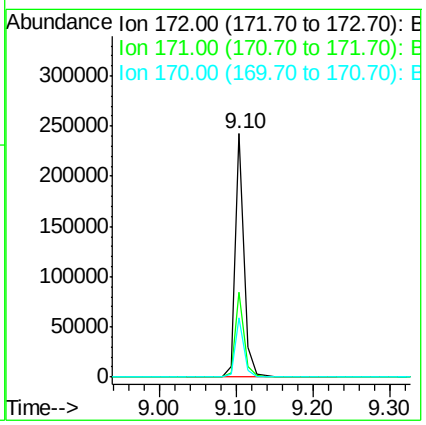


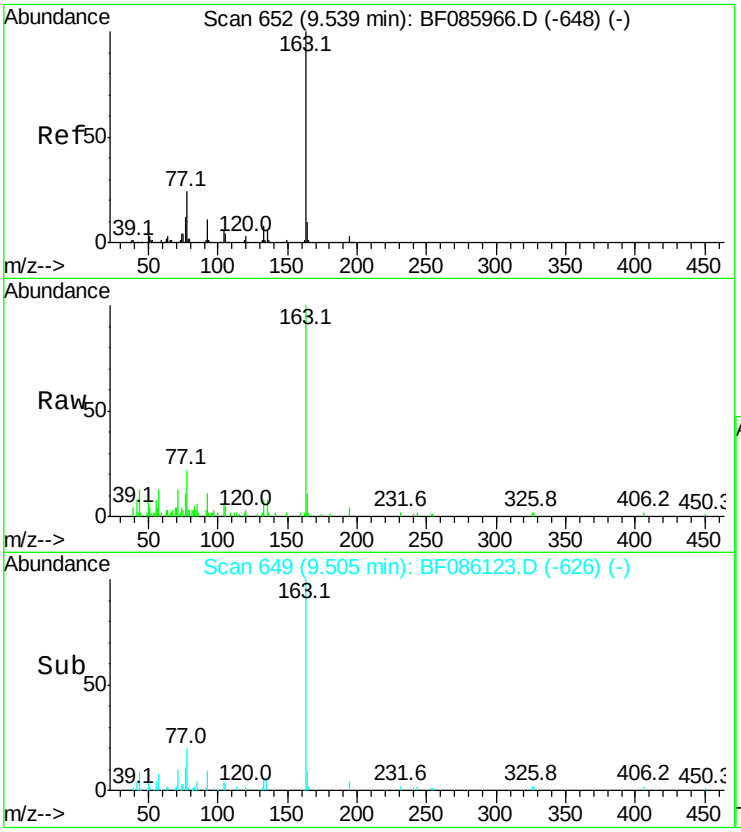


#44
2-Fluorobiphenyl
Concen: 28.13 ng
RT: 9.10 min Scan# 614
Delta R.T. -0.03 min
Lab File: BF086123.D
Acq: 7 Apr 2016 3:13

Tgt Ion:172 Resp: 200166

Ion	Ratio	Lower	Upper
172	100		
171	34.7	29.4	44.2
170	24.1	19.8	29.6



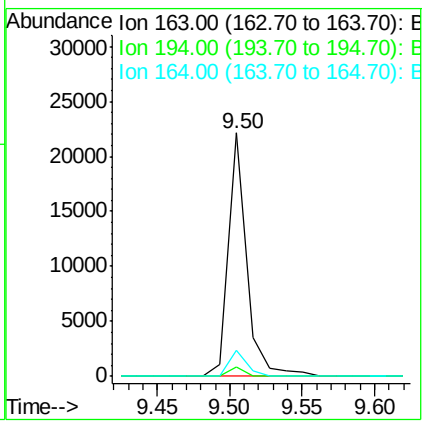


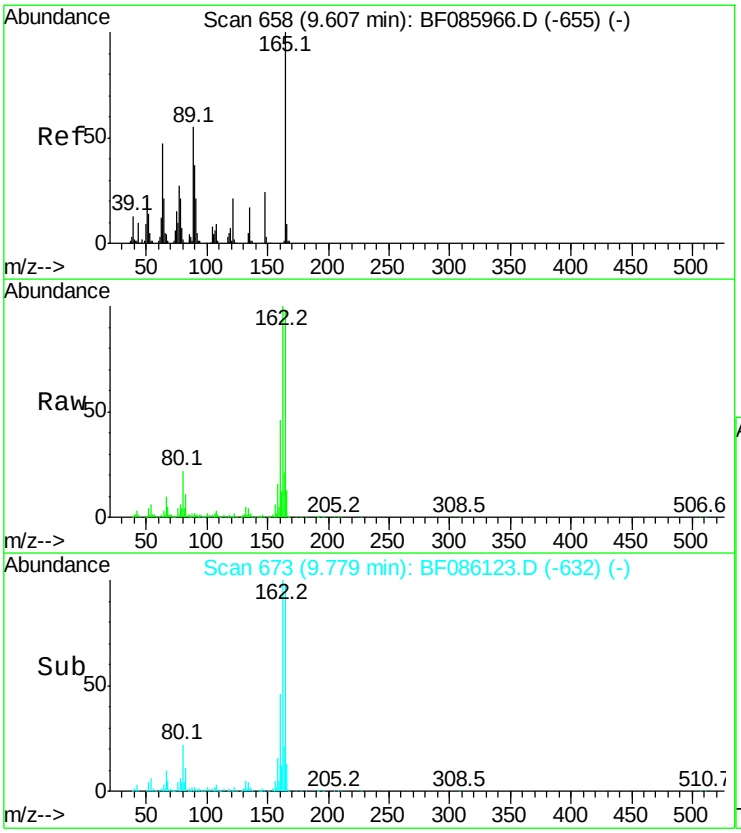
#49
Dimethylphthalate
Concen: 2.22 ng
RT: 9.50 min Scan# 649
Delta R.T. -0.03 min
Lab File: BF086123.D
Acq: 7 Apr 2016 3:13

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:163 Resp: 19445

Ion	Ratio	Lower	Upper
163	100		
194	3.8	2.9	4.3
164	10.6	8.3	12.5

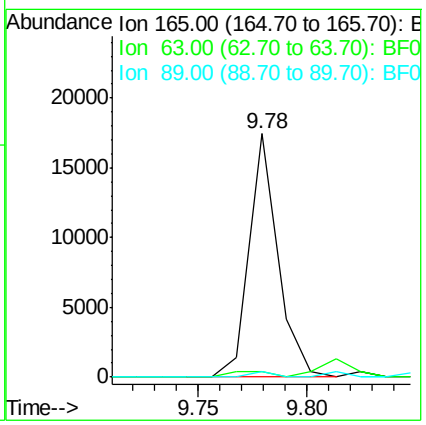


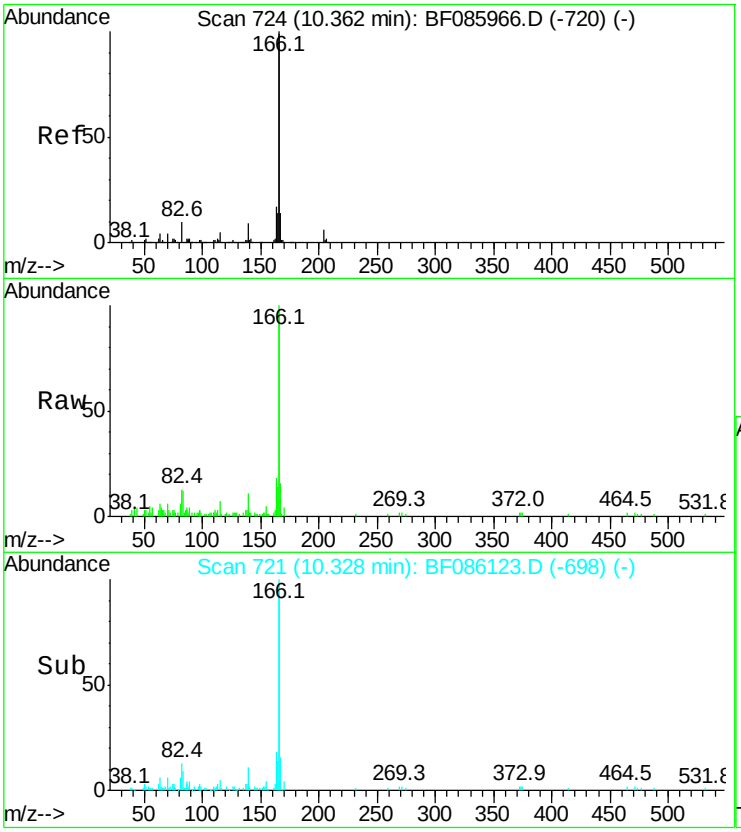


#50
2,6-Dinitrotoluene
Concen: 8.63 ng
RT: 9.78 min Scan# 673
Delta R.T. 0.17 min
Lab File: BF086123.D
Acq: 7 Apr 2016 3:13

Tgt Ion:165 Resp: 16011

Ion	Ratio	Lower	Upper
165	100		
63	2.2	51.8	77.8#
89	2.3	53.7	80.5#



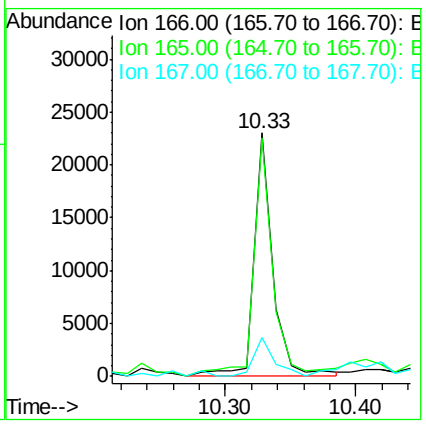


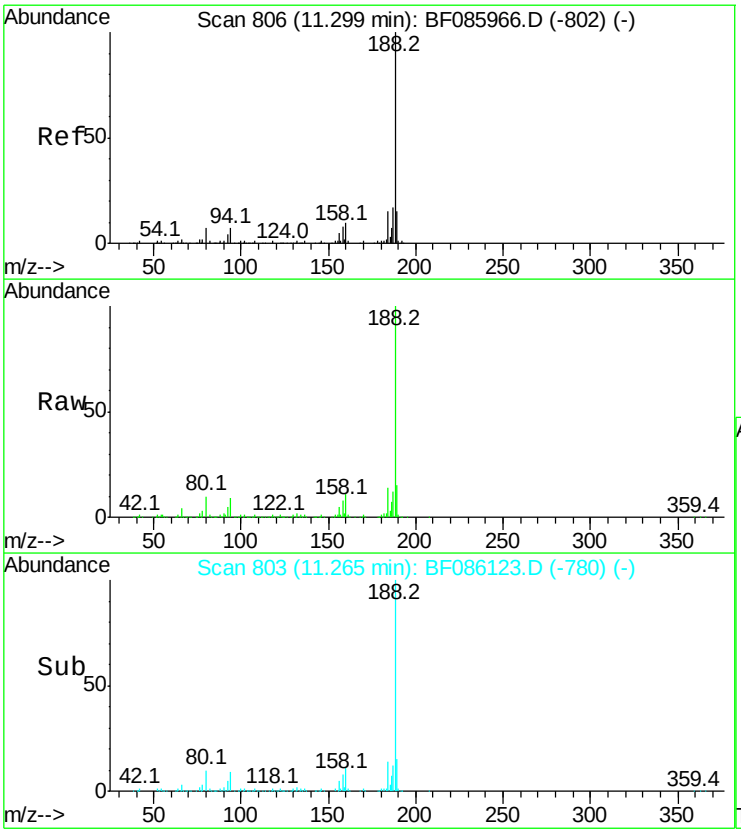
#57
Fluorene
Concen: 2.92 ng
RT: 10.33 min Scan# 721
Delta R.T. -0.03 min
Lab File: BF086123.D
Acq: 7 Apr 2016 3:13

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:166 Resp: 23240

Ion	Ratio	Lower	Upper
166	100		
165	98.2	79.4	119.0
167	15.7	11.0	16.4

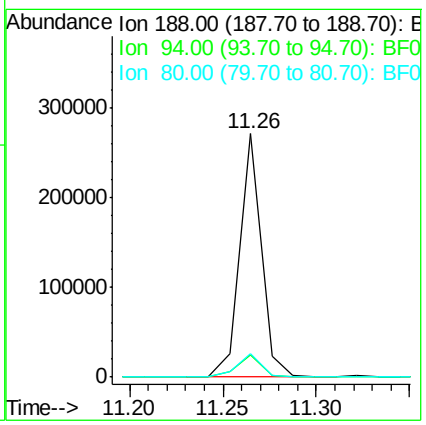


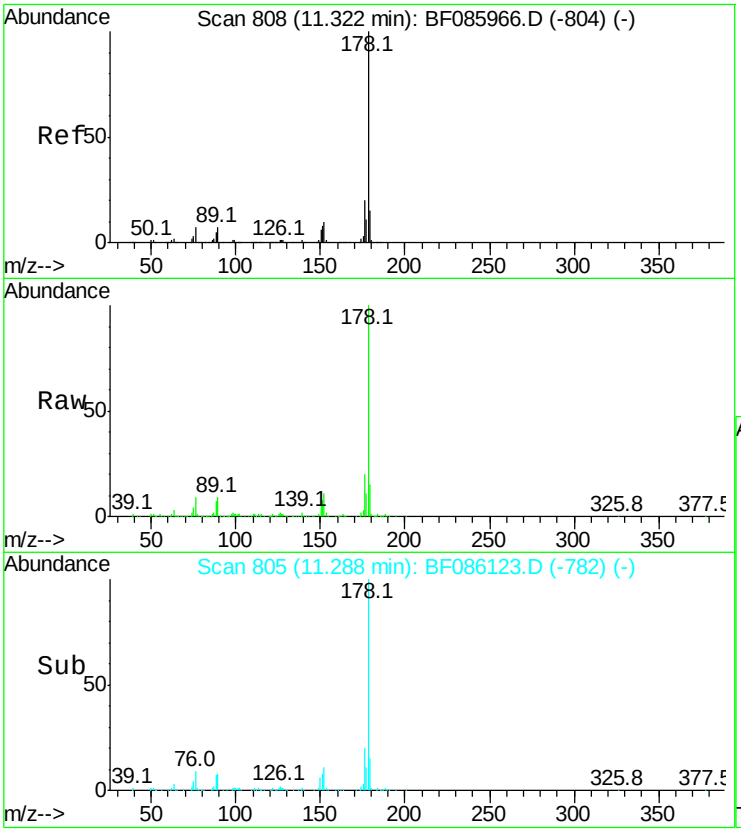


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.26 min Scan# 803
Delta R.T. -0.03 min
Lab File: BF086123.D
Acq: 7 Apr 2016 3:13

Tgt Ion:188 Resp: 220978

Ion	Ratio	Lower	Upper
188	100		
94	9.1	5.4	8.0#
80	9.8	5.5	8.3#



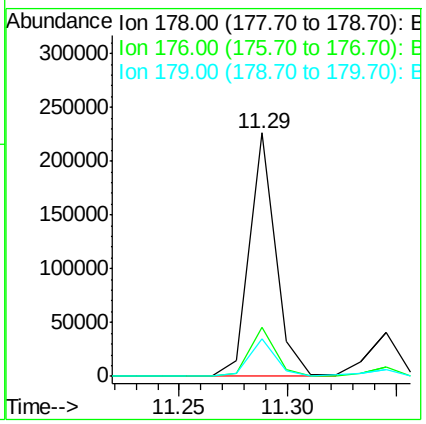


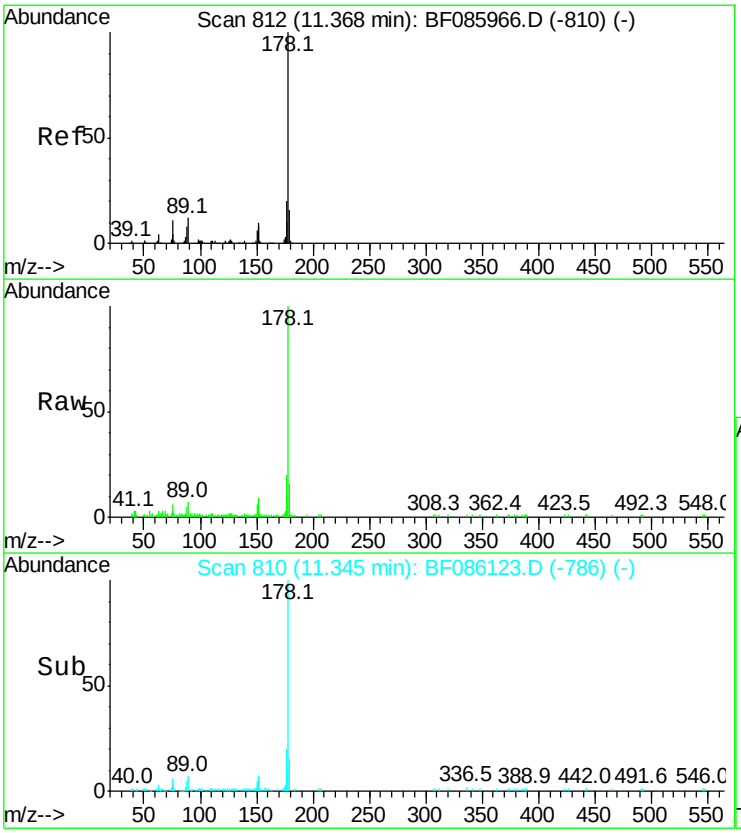
#70
Phenanthrene
Concen: 15.72 ng
RT: 11.29 min Scan# 805
Delta R.T. -0.03 min
Lab File: BF086123.D
Acq: 7 Apr 2016 3:13

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 189525

Ion	Ratio	Lower	Upper
178	100		
176	20.0	16.3	24.5
179	15.5	12.6	18.8

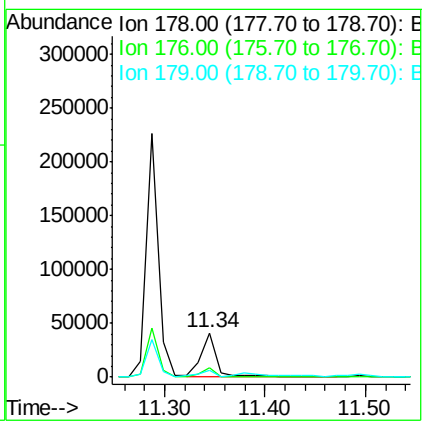


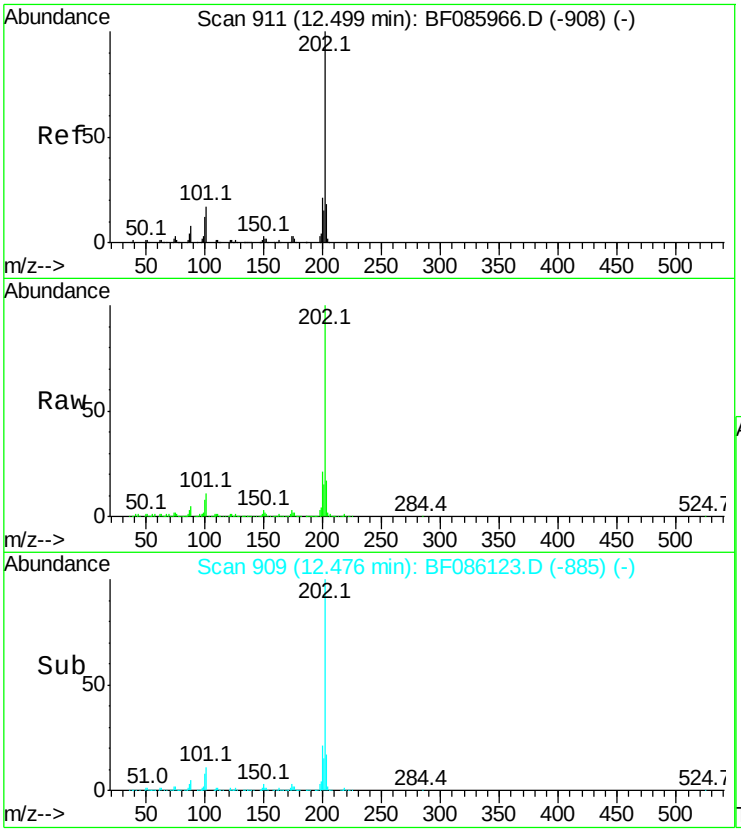


#71
Anthracene
Concen: 3.41 ng
RT: 11.34 min Scan# 810
Delta R.T. -0.02 min
Lab File: BF086123.D
Acq: 7 Apr 2016 3:13

Tgt Ion:178 Resp: 43101

Ion	Ratio	Lower	Upper
178	100		
176	20.0	15.9	23.9
179	15.7	13.0	19.4



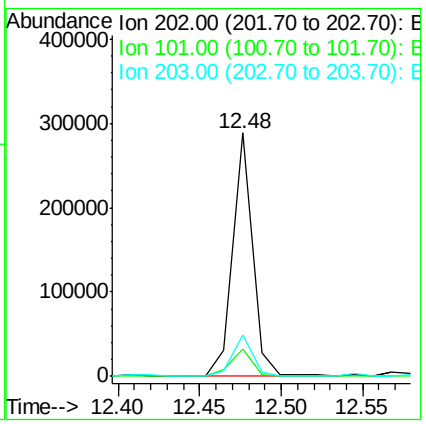


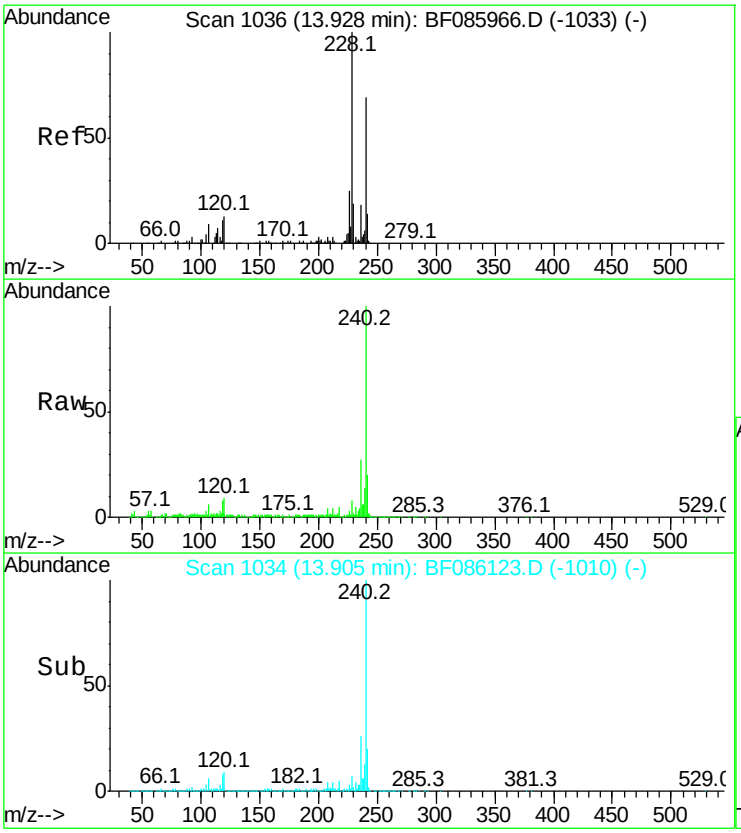
#74
Fluoranthene
Concen: 19.11 ng
RT: 12.48 min Scan# 909
Delta R.T. -0.02 min
Lab File: BF086123.D
Acq: 7 Apr 2016 3:13

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 239611

Ion	Ratio	Lower	Upper
202	100		
101	11.3	0.0	36.6
203	17.2	0.0	38.1

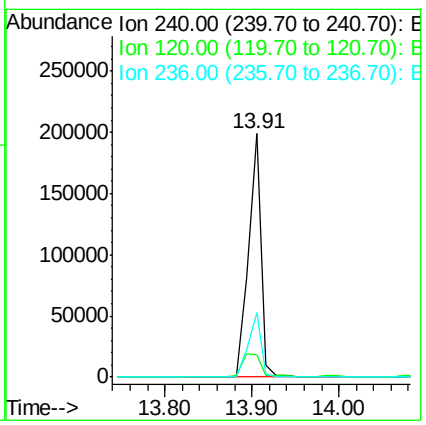


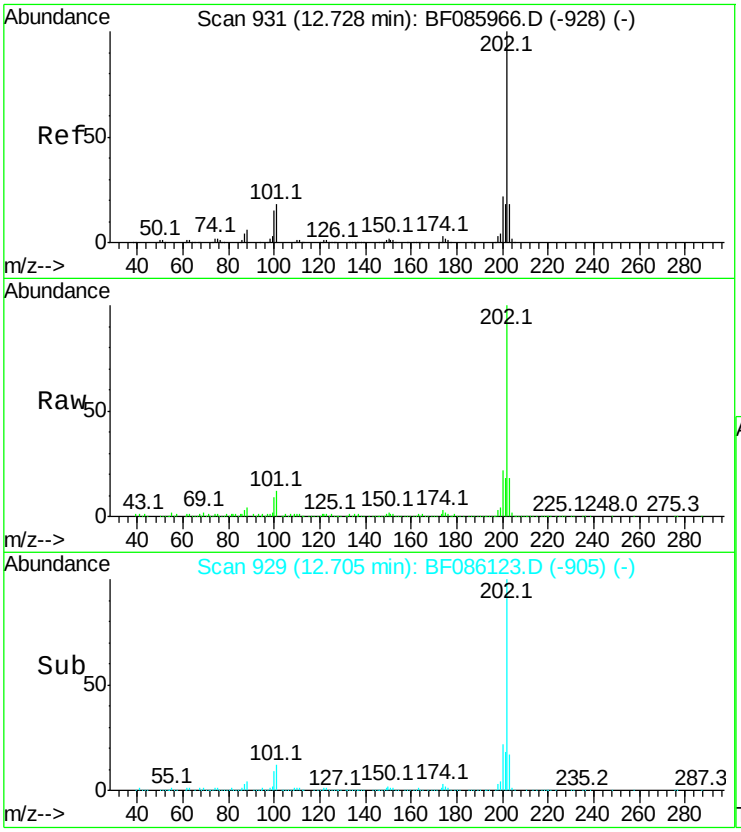


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.91 min Scan# 1034
Delta R.T. -0.02 min
Lab File: BF086123.D
Acq: 7 Apr 2016 3:13

Tgt Ion:240 Resp: 204056

Ion	Ratio	Lower	Upper
240	100		
120	9.3	13.8	20.8#
236	26.7	20.6	30.8



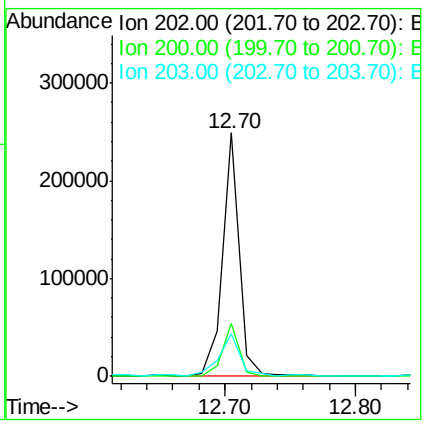


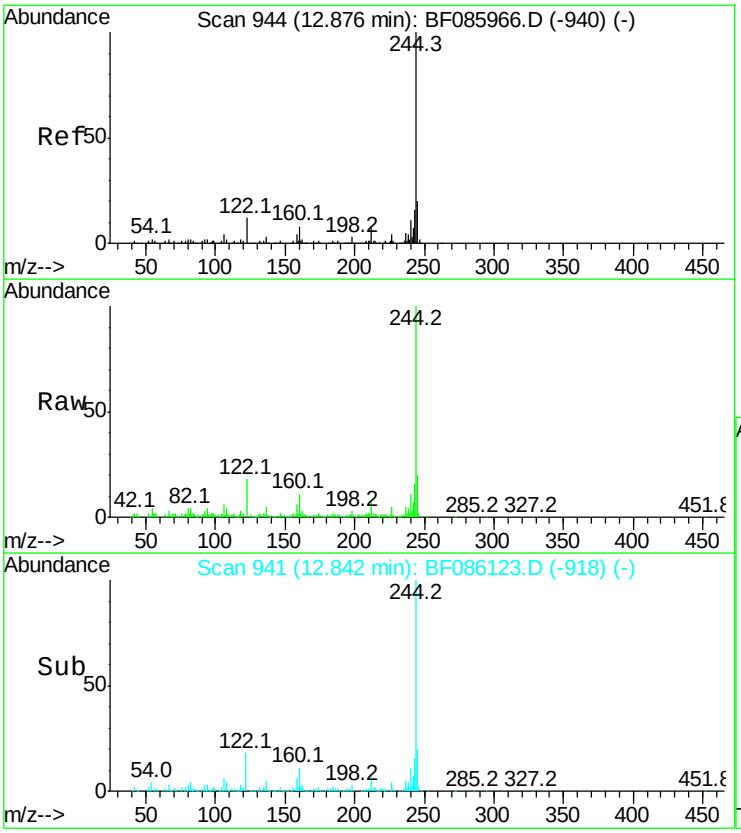
#77
Pyrene
Concen: 15.40 ng
RT: 12.70 min Scan# 929
Delta R.T. -0.02 min
Lab File: BF086123.D
Acq: 7 Apr 2016 3:13

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 221388

Ion	Ratio	Lower	Upper
202	100		
200	21.6	17.6	26.4
203	17.6	14.0	21.0

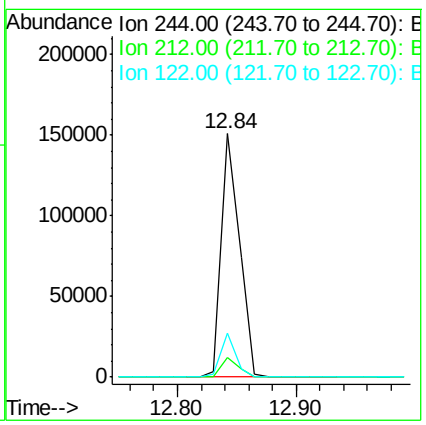


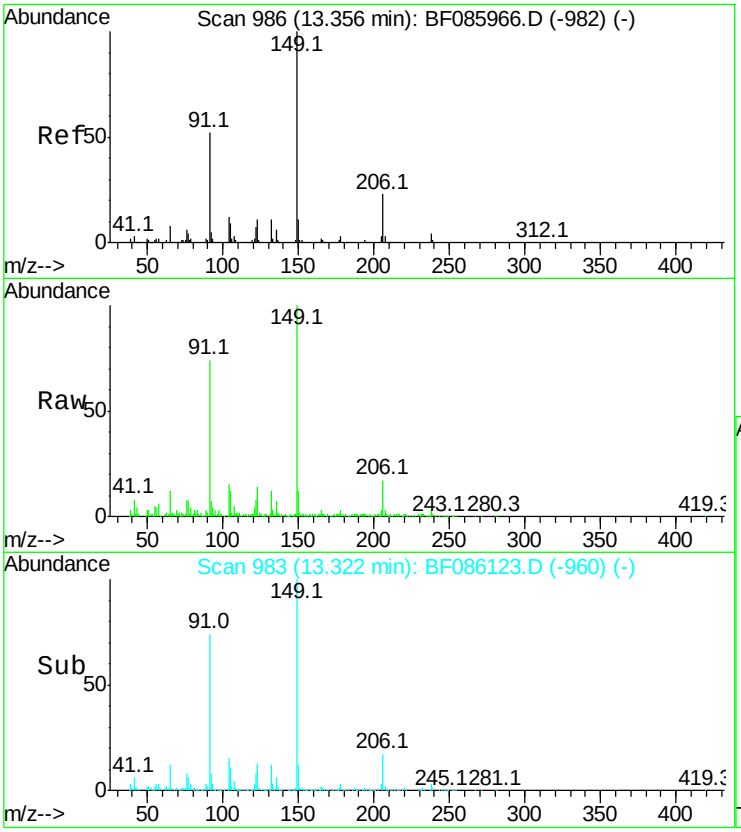


#78
Terphenyl-d14
Concen: 18.25 ng
RT: 12.84 min Scan# 941
Delta R.T. -0.03 min
Lab File: BF086123.D
Acq: 7 Apr 2016 3:13

Tgt Ion:244 Resp: 158399

Ion	Ratio	Lower	Upper
244	100		
212	7.9	6.1	9.1
122	18.1	10.2	15.4#



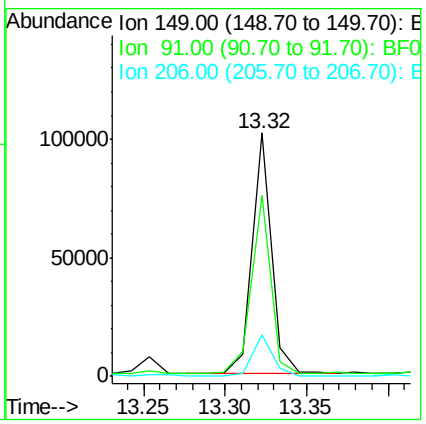


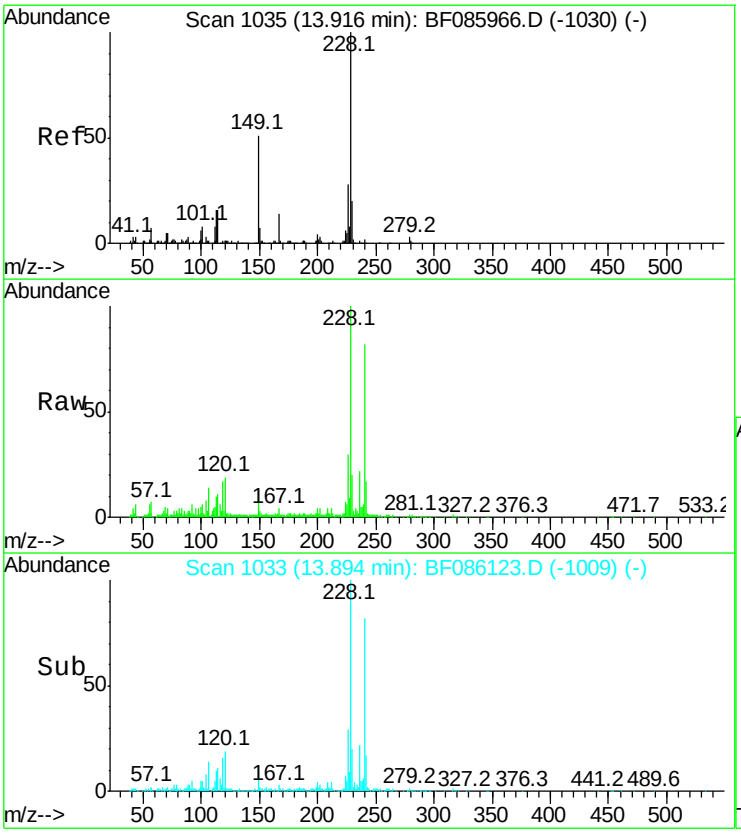
#79
Butylbenzylphthalate
Concen: 13.00 ng
RT: 13.32 min Scan# 983
Delta R.T. -0.03 min
Lab File: BF086123.D
Acq: 7 Apr 2016 3:13

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:149 Resp: 84186

Ion	Ratio	Lower	Upper
149	100		
91	74.1	45.8	68.8#
206	16.8	17.8	26.8#

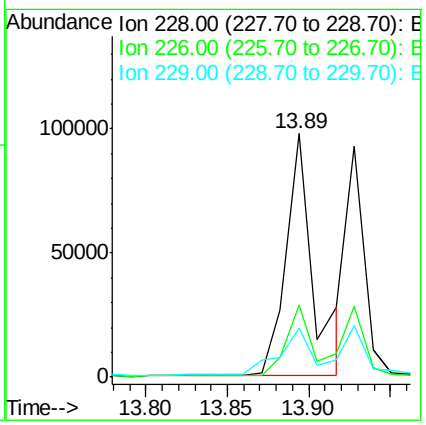


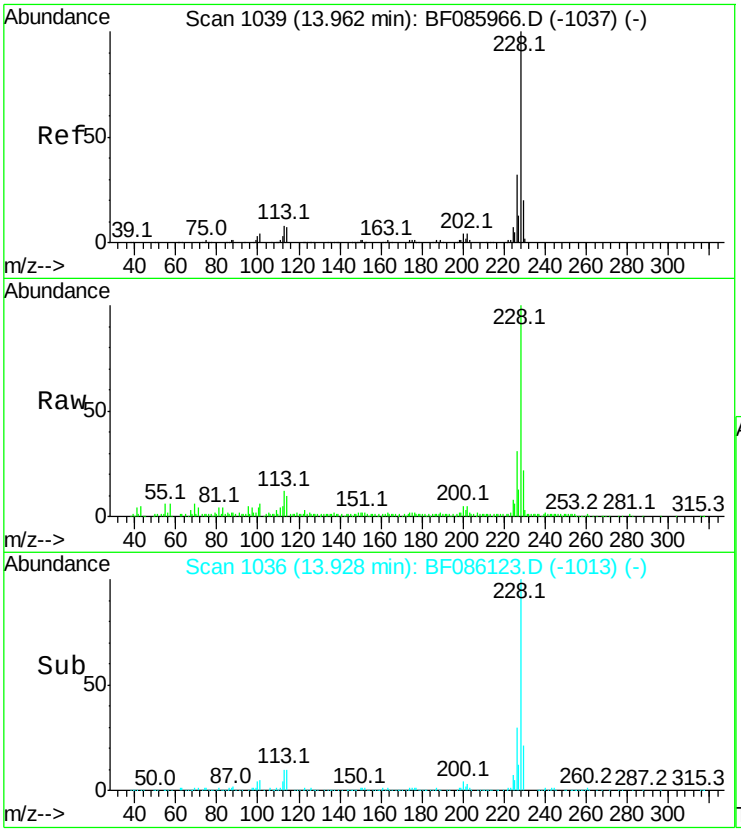


#80
Benzo(a)anthracene
Concen: 9.58 ng
RT: 13.89 min Scan# 1033
Delta R.T. -0.02 min
Lab File: BF086123.D
Acq: 7 Apr 2016 3:13

Tgt Ion:228 Resp: 115257

Ion	Ratio	Lower	Upper
228	100		
226	29.8	22.1	33.1
229	20.4	16.2	24.4



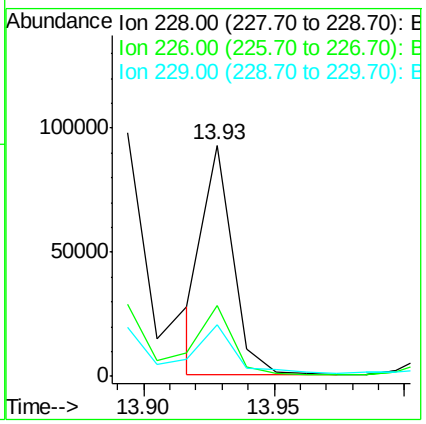


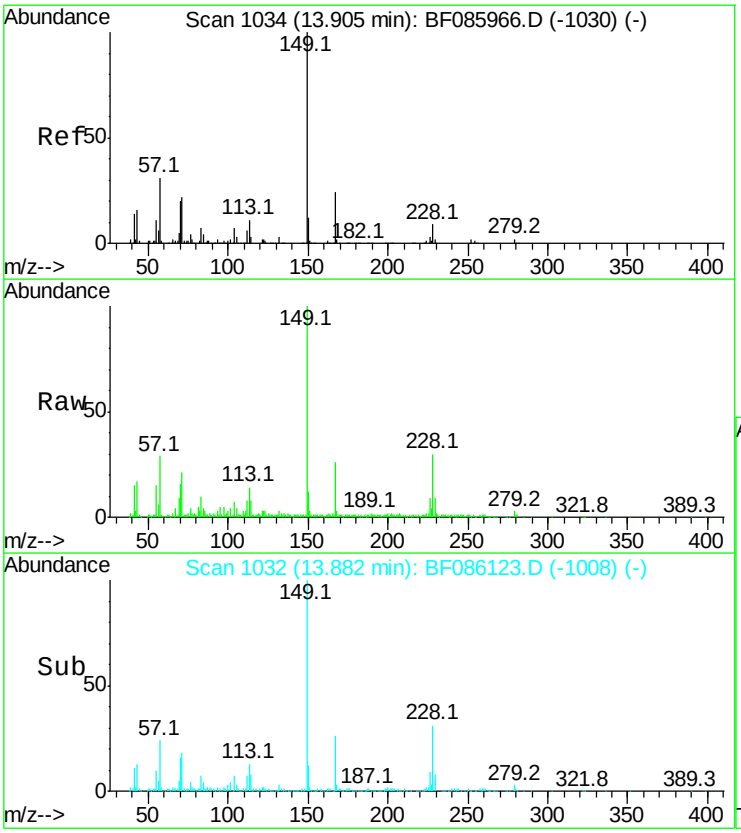
#82
Chrysene
Concen: 6.23 ng
RT: 13.93 min Scan# 1036
Delta R.T. -0.03 min
Lab File: BF086123.D
Acq: 7 Apr 2016 3:13

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 72132

Ion	Ratio	Lower	Upper
228	100		
226	30.7	25.0	37.6
229	22.2	15.7	23.5

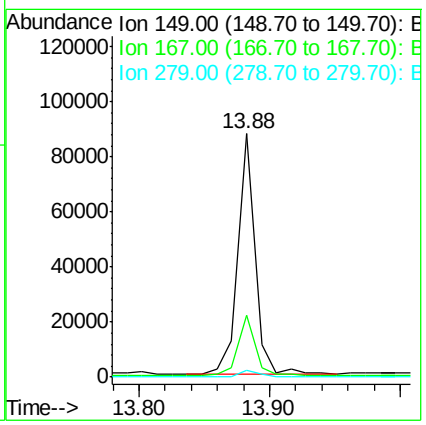


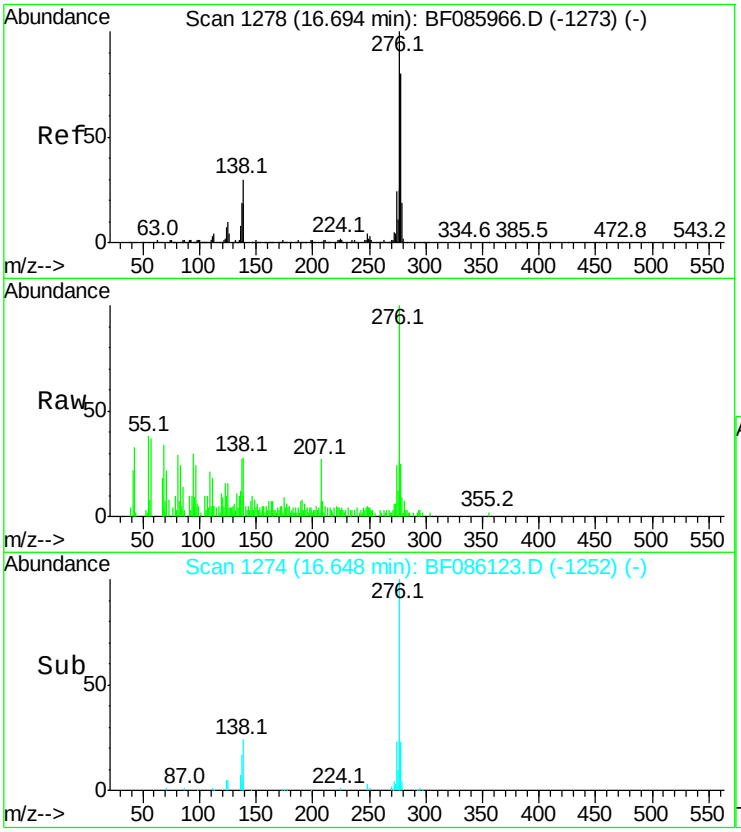


#83
Bis(2-ethylhexyl)phthalate
Concen: 9.14 ng
RT: 13.88 min Scan# 1032
Delta R.T. -0.02 min
Lab File: BF086123.D
Acq: 7 Apr 2016 3:13

Tgt Ion:149 Resp: 78549

Ion	Ratio	Lower	Upper
149	100		
167	25.6	19.4	29.2
279	2.9	1.5	2.3#



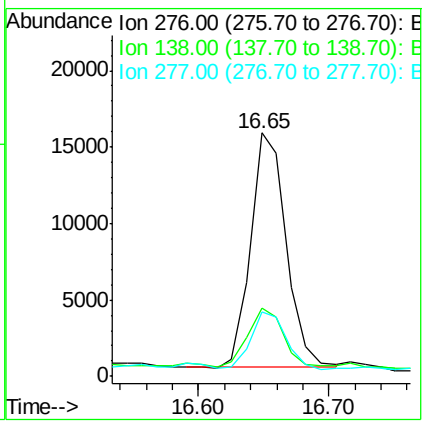


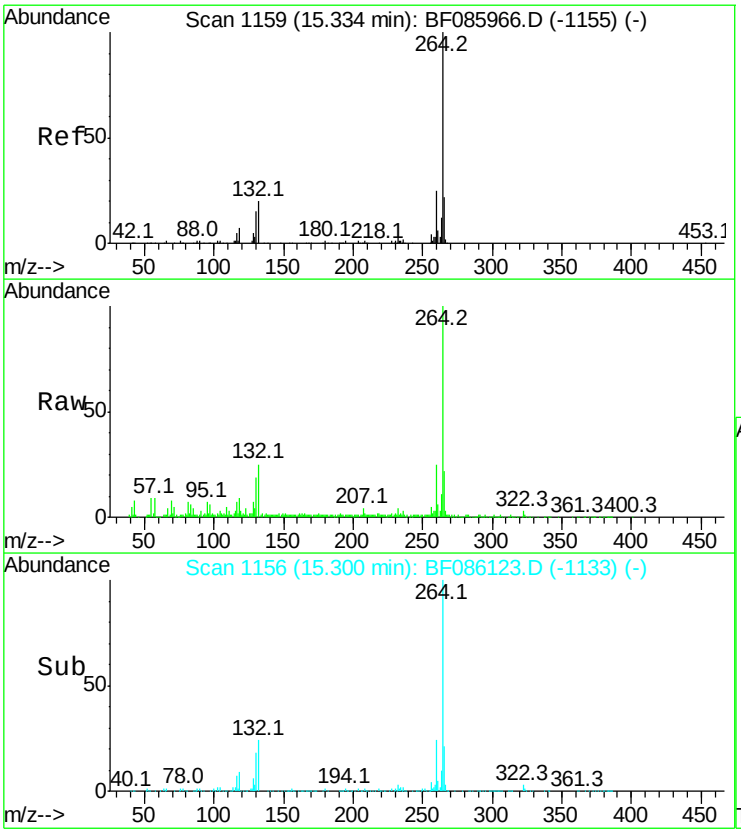
#85
Indeno(1,2,3-cd)pyrene
Concen: 3.06 ng
RT: 16.65 min Scan# 1274
Delta R.T. -0.05 min
Lab File: BF086123.D
Acq: 7 Apr 2016 3:13

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 28732

Ion	Ratio	Lower	Upper
276	100		
138	24.4	24.2	36.4
277	23.9	20.0	30.0

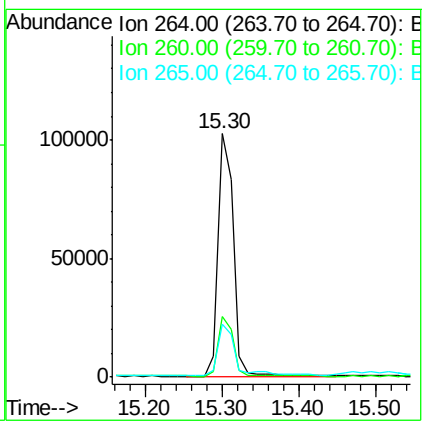


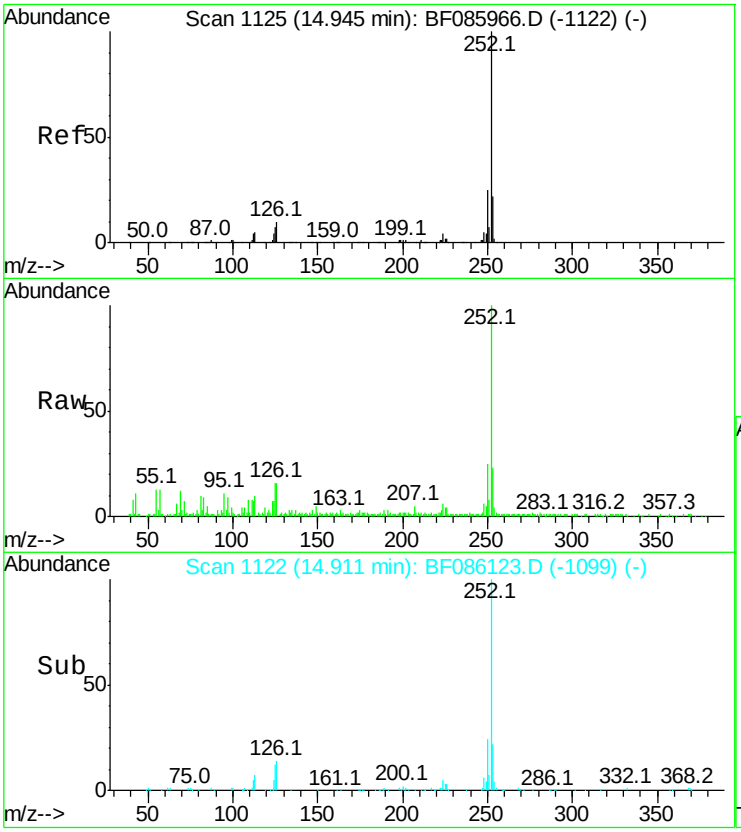


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.30 min Scan# 1156
Delta R.T. -0.03 min
Lab File: BF086123.D
Acq: 7 Apr 2016 3:13

Tgt Ion:264 Resp: 143318

Ion	Ratio	Lower	Upper
264	100		
260	24.8	19.4	29.2
265	21.8	17.2	25.8



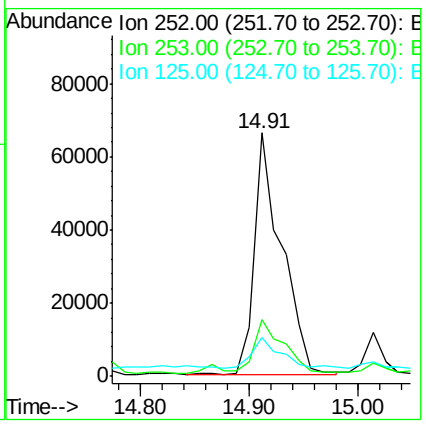


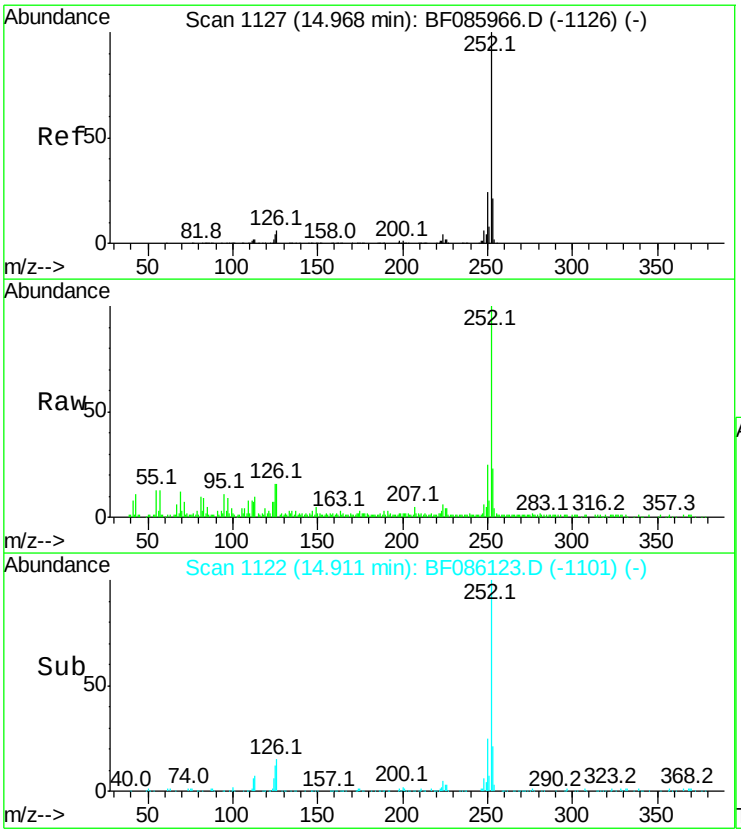
#87
Benzo(b)fluoranthene
Concen: 12.72 ng
RT: 14.91 min Scan# 1122
Delta R.T. -0.03 min
Lab File: BF086123.D
Acq: 7 Apr 2016 3:13

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 114640

Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.6	26.4
125	15.9	10.3	15.5#

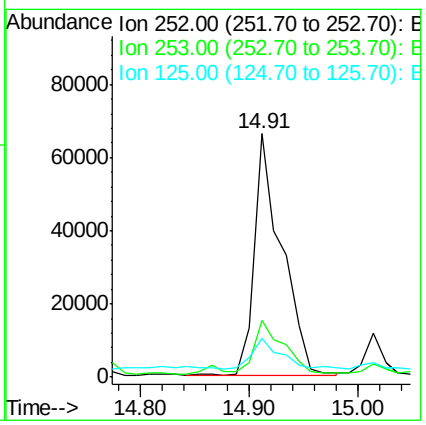


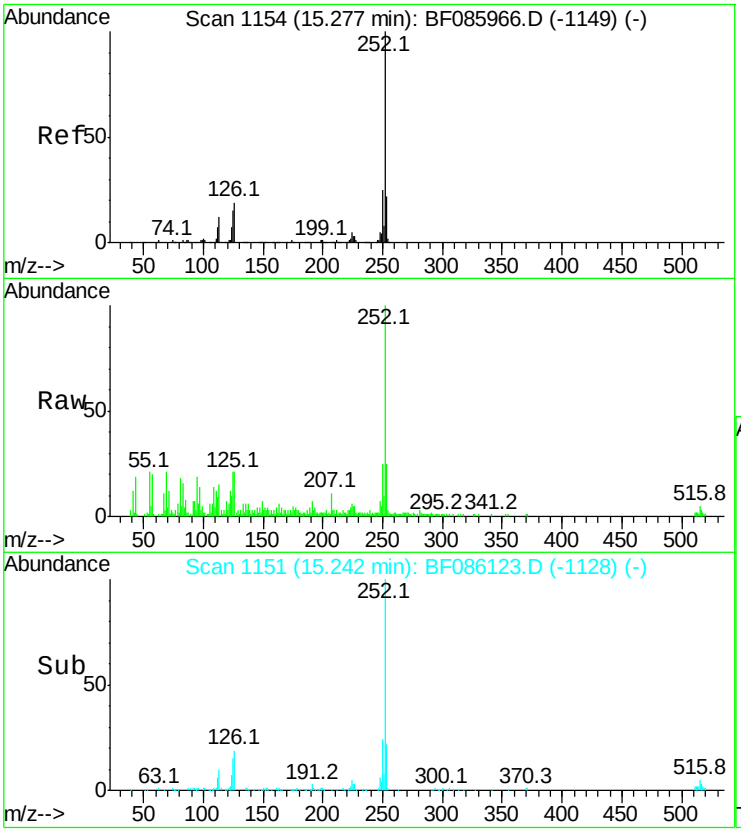


#88
Benzo(k)fluoranthene
Concen: 14.36 ng
RT: 14.91 min Scan# 1122
Delta R.T. -0.06 min
Lab File: BF086123.D
Acq: 7 Apr 2016 3:13

Tgt Ion:252 Resp: 114640

Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.8	26.6
125	15.9	7.7	11.5#



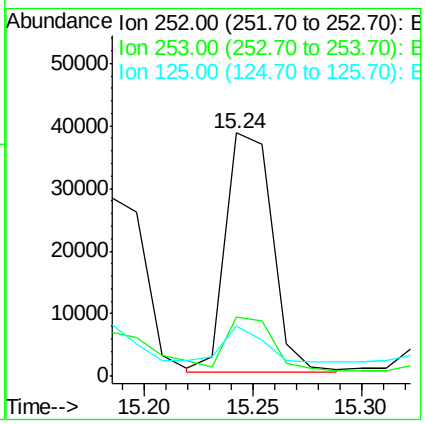


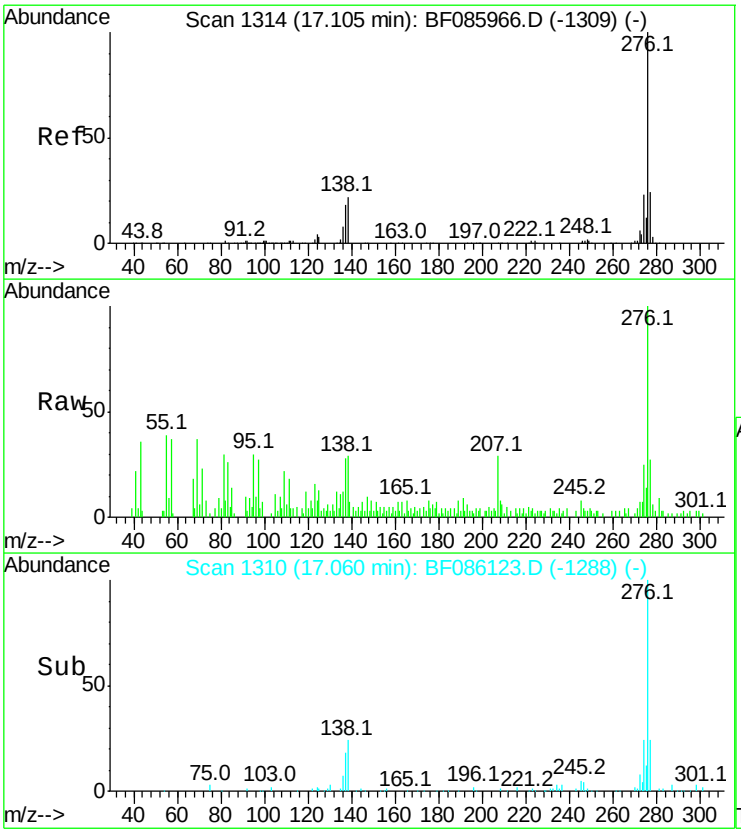
#89
Benzo(a)pyrene
Concen: 7.15 ng
RT: 15.24 min Scan# 1151
Delta R.T. -0.03 min
Lab File: BF086123.D
Acq: 7 Apr 2016 3:13

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 57139

Ion	Ratio	Lower	Upper
252	100		
253	24.6	17.4	26.0
125	20.7	10.3	15.5#





#91
Benzo(g,h,i)perylene
Concen: 4.72 ng
RT: 17.06 min Scan# 1310
Delta R.T. -0.05 min
Lab File: BF086123.D
Acq: 7 Apr 2016 3:13

Tgt Ion:276 Resp: 29336

Ion	Ratio	Lower	Upper
276	100		
277	27.2	18.8	28.2
138	29.1	22.6	34.0