Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070316\
Data File : BF088685.D
Acq On : 4 Jul 2016 10:11
Operator : UM/SJ
Sample : H3869-01
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EPCH-B1(00-0.5)

Quant Time: Jul 05 00:49:14 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 30 18:01:55 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	117418	20.00	ng		-0.02
21) Naphthalene-d8	8.07	136	403643	20.00	ng		-0.03
38) Acenaphthene-d10	9.82	164	168719	20.00	ng		-0.03
63) Phenanthrene-d10	11.30	188	271146	20.00	ng		-0.02
75) Chrysene-d12	13.93	240	196225	20.00	ng		-0.02
86) Perylene-d12	15.33	264	172997	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.38	112	606557	77.42	ng		-0.02
7) Phenol-d6	6.42	99	747903	73.88	ng		-0.02
23) Nitrobenzene-d5	7.35	82	477870	62.04	ng		-0.03
41) 2,4,6-Tribromophenol	10.60	330	131885	84.18	ng		-0.03
44) 2-Fluorobiphenyl	9.15	172	861397	80.65	ng		-0.02
78) Terphenyl-d14	12.88	244	495888	56.29	ng		-0.03
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.35	70	65639	9.65	ng	#	72
25) Isophorone	7.35	82	395310	27.71	ng	#	65
49) Dimethylphthalate	9.54	163	102752	8.55	ng		98
55) 4-Nitrophenol	10.02	139	6503	2.53	ng	#	8
56) 2,4-Dinitrotoluene	9.82	165	22142	6.36	ng	#	38
66) 4-Bromophenyl-phenylether	10.60	248	9966	3.65	ng	#	1
70) Phenanthrene	11.32	178	327267	22.08	ng		98
71) Anthracene	11.37	178	89842	6.10	ng		98
72) Carbazole	11.52	167	34235	2.47	ng		98
74) Fluoranthene	12.50	202	494215	32.89	ng		97
77) Pyrene	12.73	202	477001	28.67	ng		99
80) Benzo(a)anthracene	13.92	228	269701	21.35	ng		97
82) Chrysene	13.92	228	269701	21.57	ng		98
85) Indeno(1,2,3-cd)pyrene	16.65	276	108355	11.27	ng	#	100
87) Benzo(b)fluoranthene	14.93	252	356081	32.81	ng	#	92
88) Benzo(k)fluoranthene	14.93	252	356081	37.69	ng		97
89) Benzo(a)pyrene	15.21	252	134376	14.62	ng		97
90) Dibenzo(a,h)anthracene	16.66	278	28412	3.70	ng	#	90
91) Benzo(g,h,i)perylene	17.05	276	97837	12.32	ng		98

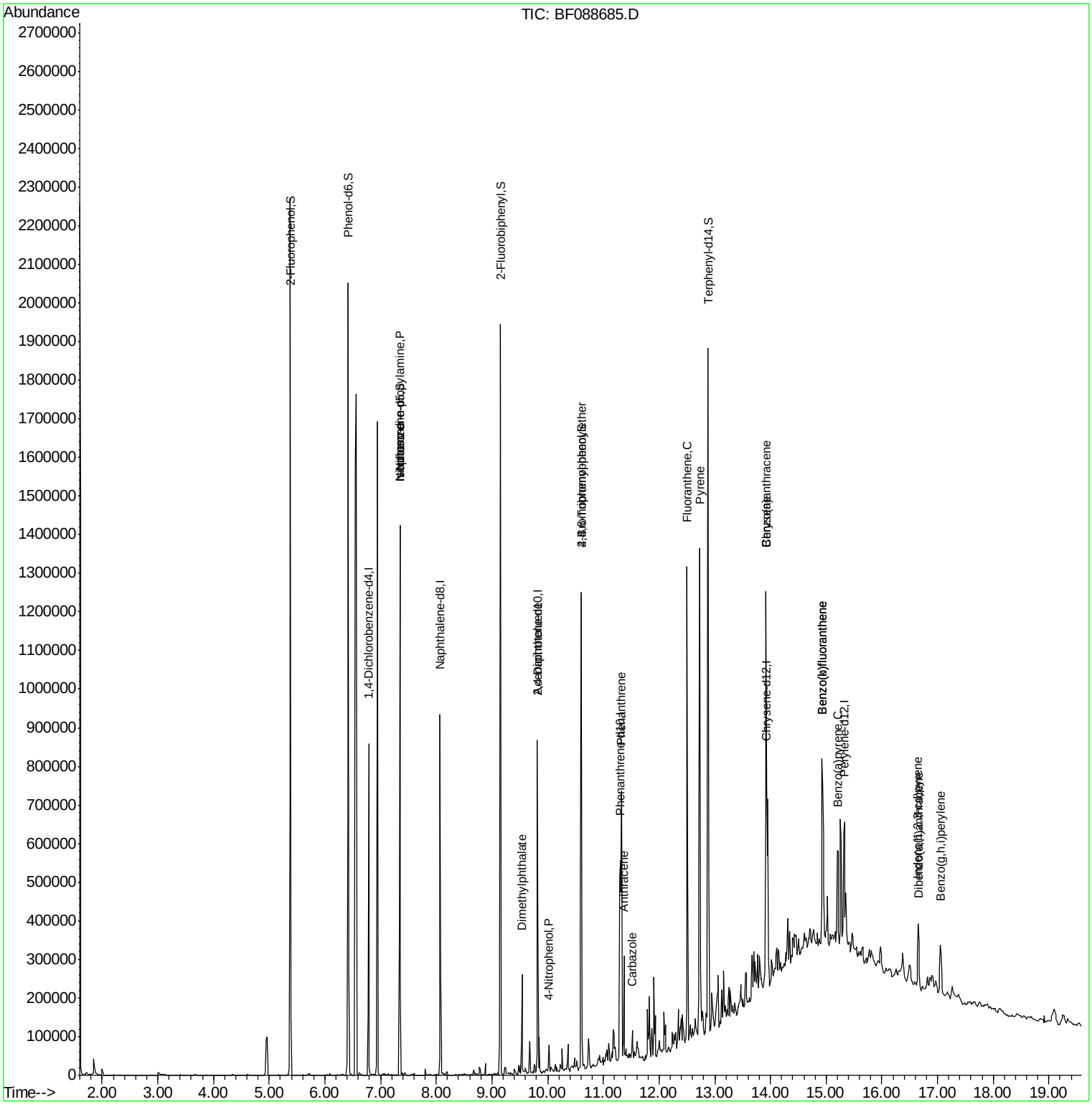
(#) = qualifier out of range (m) = manual integration (+) = signals summed

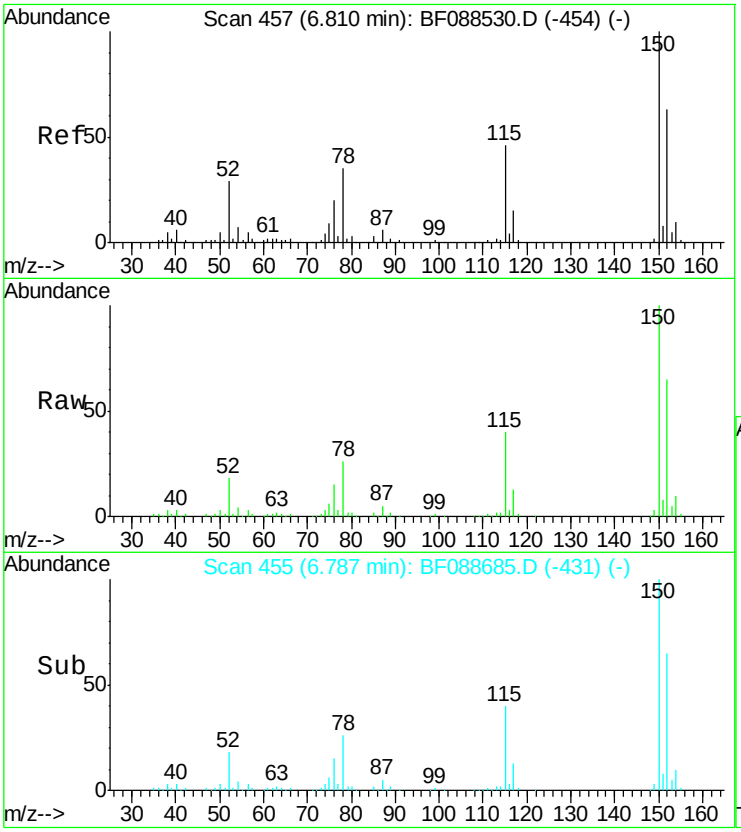
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070316\
Data File : BF088685.D
Acq On : 4 Jul 2016 10:11
Operator : UM/SJ
Sample : H3869-01
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EPCH-B1(00-0.5)

Quant Time: Jul 05 00:49:14 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 30 18:01:55 2016
Response via : Initial Calibration



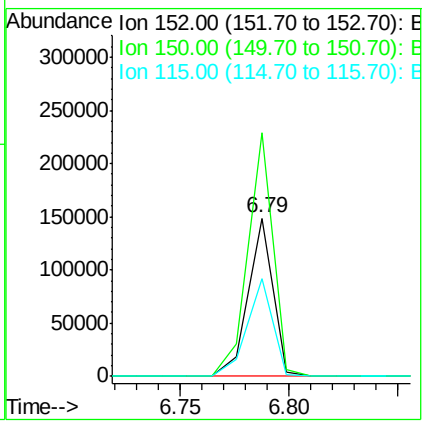


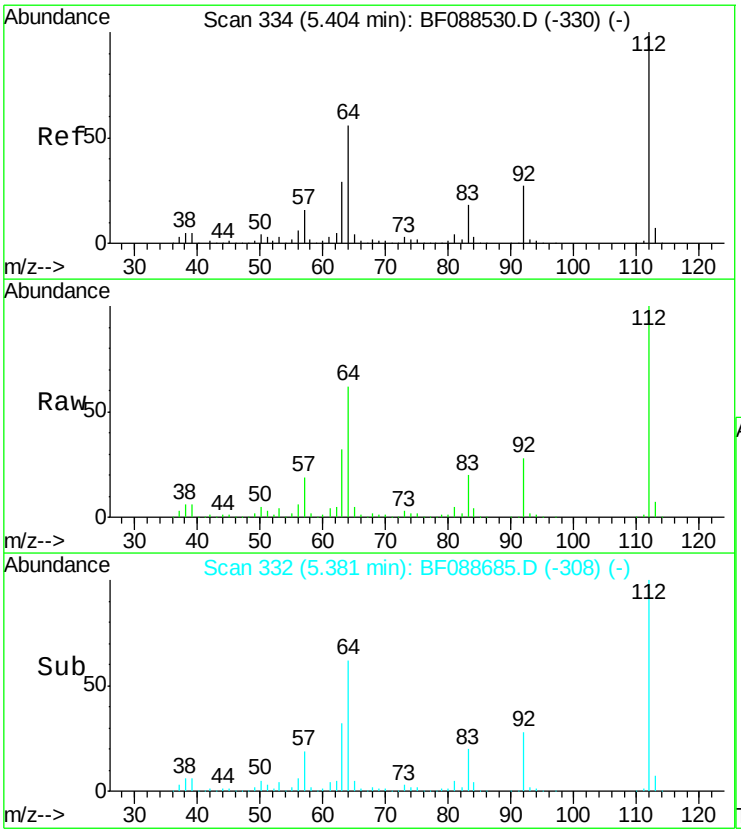
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.79 min Scan# 455
Delta R.T. -0.02 min
Lab File: BF088685.D
Acq: 4 Jul 2016 10:11

Instrument :
BNA_F
ClientSampleId :
EPCH-B1(00-0.5)

Tgt Ion:152 Resp: 117418

Ion	Ratio	Lower	Upper
152	100		
150	153.8	123.8	185.6
115	62.0	39.6	59.4#

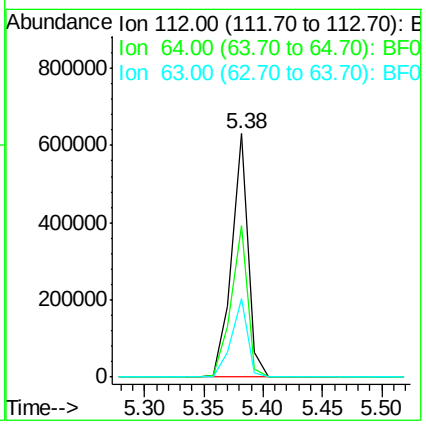


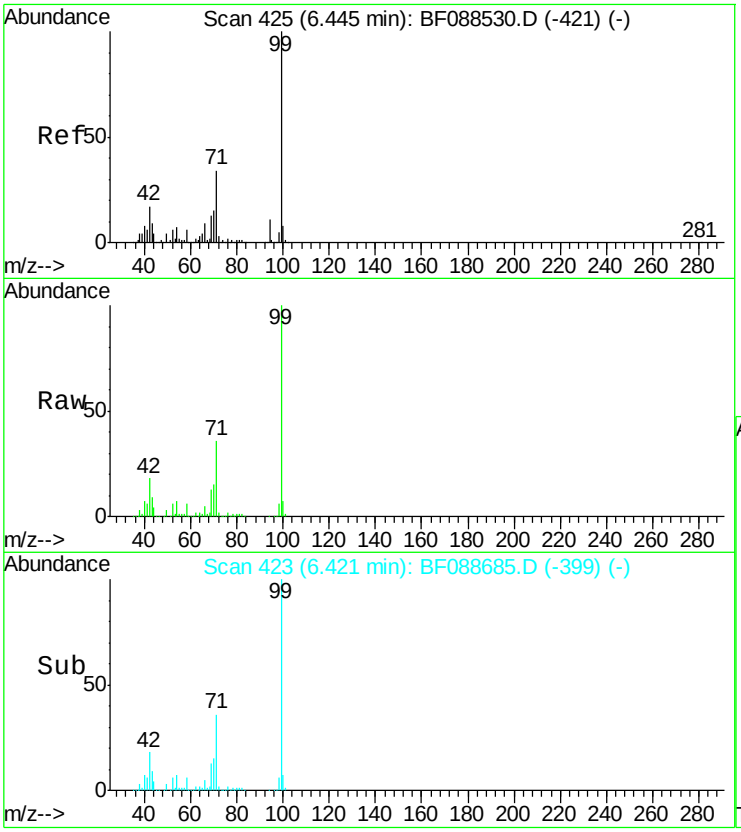


#5
2-Fluorophenol
Concen: 77.42 ng
RT: 5.38 min Scan# 332
Delta R.T. -0.02 min
Lab File: BF088685.D
Acq: 4 Jul 2016 10:11

Tgt Ion:112 Resp: 606557

Ion	Ratio	Lower	Upper
112	100		
64	62.3	42.2	63.2
63	32.3	21.8	32.8



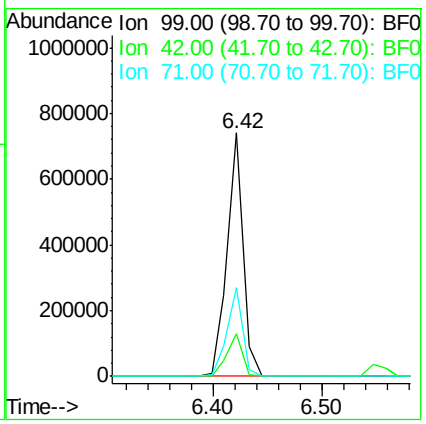


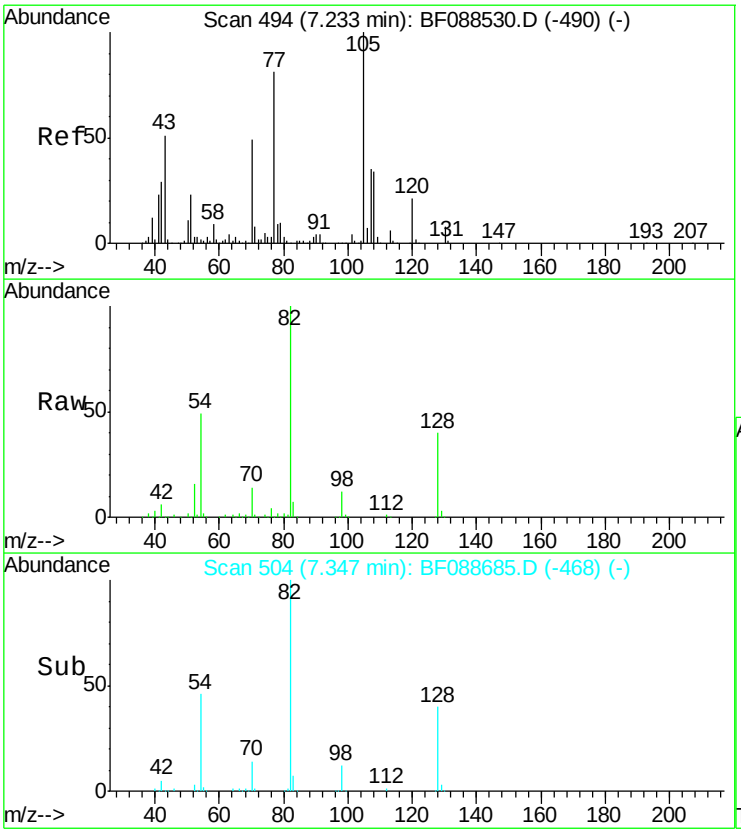
#7
Phenol-d6
Concen: 73.88 ng
RT: 6.42 min Scan# 423
Delta R.T. -0.02 min
Lab File: BF088685.D
Acq: 4 Jul 2016 10:11

Instrument :
BNA_F
ClientSampleId :
EPCH-B1(00-0.5)

Tgt Ion: 99 Resp: 747903

Ion	Ratio	Lower	Upper
99	100		
42	17.8	12.2	18.2
71	36.4	23.4	35.0#

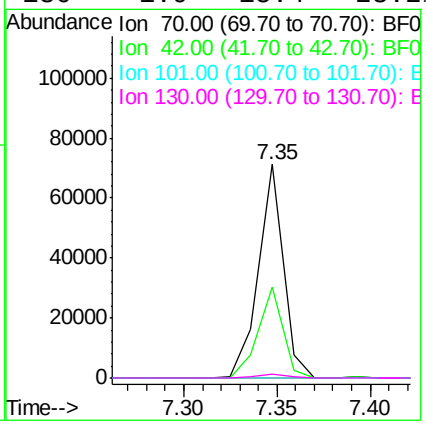


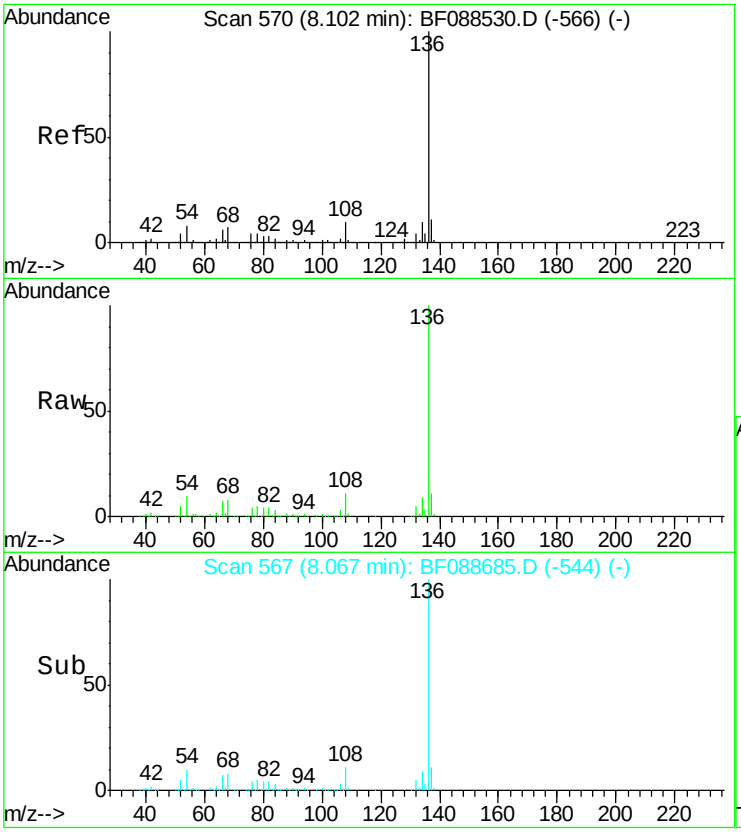


#19
n-Nitroso-di-n-propylamine
Concen: 9.65 ng
RT: 7.35 min Scan# 504
Delta R.T. 0.11 min
Lab File: BF088685.D
Acq: 4 Jul 2016 10:11

Tgt Ion: 70 Resp: 65639

Ion	Ratio	Lower	Upper
70	100		
42	42.5	49.6	74.4#
101	0.0	7.1	10.7#
130	1.9	15.4	23.2#



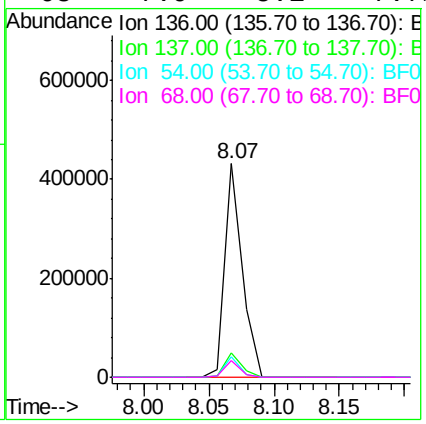


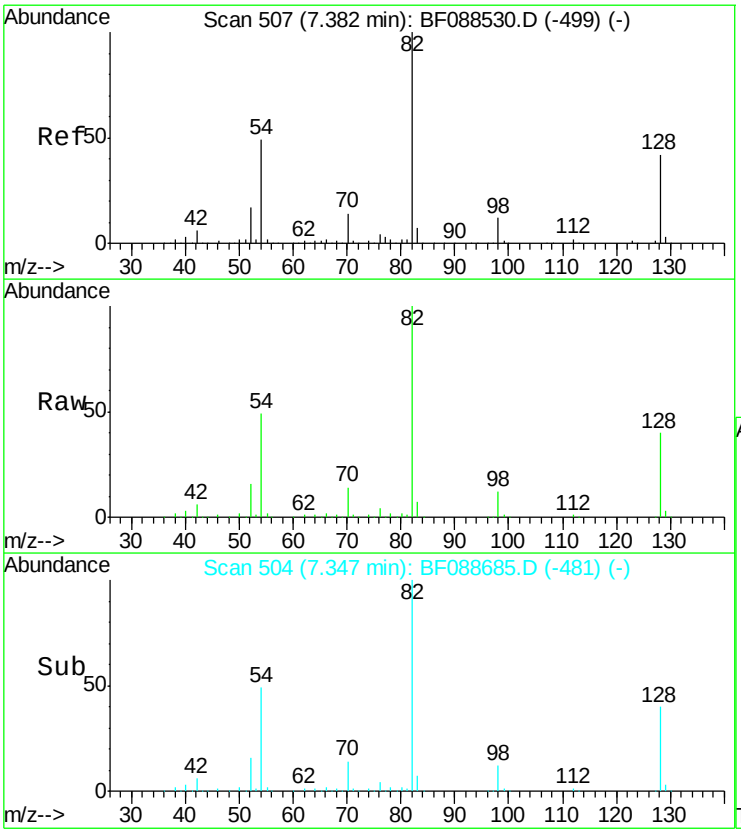
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.07 min Scan# 567
Delta R.T. -0.03 min
Lab File: BF088685.D
Acq: 4 Jul 2016 10:11

Instrument :
BNA_F
ClientSampleId :
EPCH-B1(00-0.5)

Tgt Ion:136 Resp: 403643

Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.1	13.7
54	9.6	6.6	10.0
68	7.9	5.1	7.7#

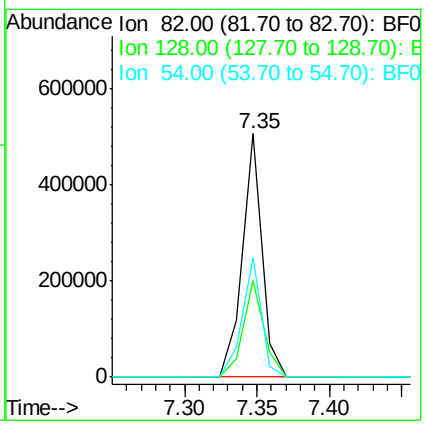


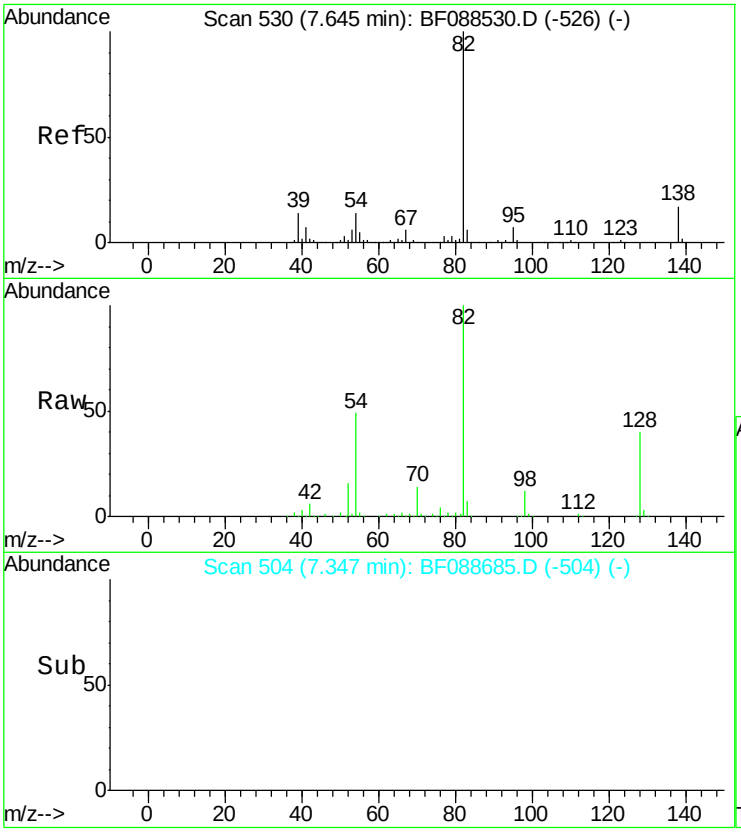


#23
Nitrobenzene-d5
Concen: 62.04 ng
RT: 7.35 min Scan# 504
Delta R.T. -0.03 min
Lab File: BF088685.D
Acq: 4 Jul 2016 10:11

Tgt Ion: 82 Resp: 477870

Ion	Ratio	Lower	Upper
82	100		
128	39.7	35.9	53.9
54	48.9	40.9	61.3



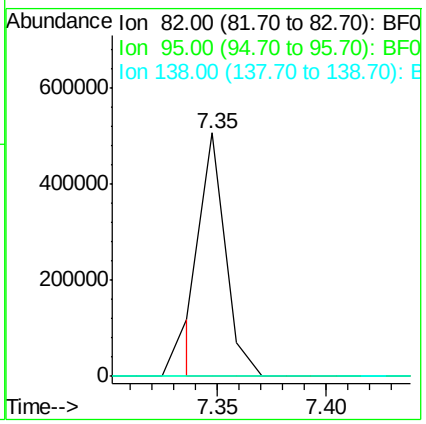


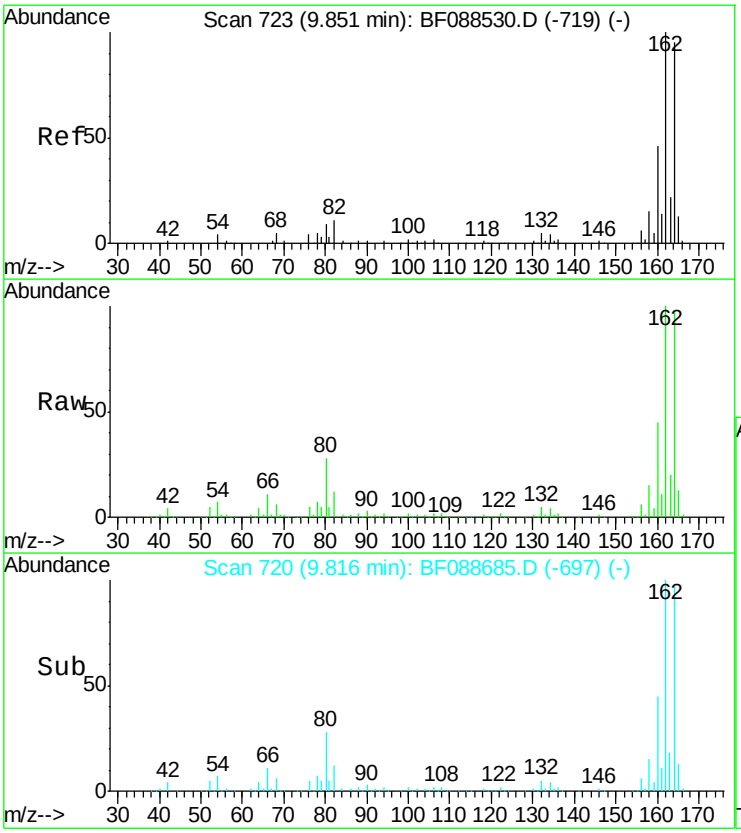
#25
Isophorone
Concen: 27.71 ng
RT: 7.35 min Scan# 504
Delta R.T. -0.30 min
Lab File: BF088685.D
Acq: 4 Jul 2016 10:11

Instrument :
BNA_F
ClientSampleId :
EPCH-B1(00-0.5)

Tgt Ion: 82 Resp: 395310

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.4	8.2#
138	0.0	14.6	21.8#

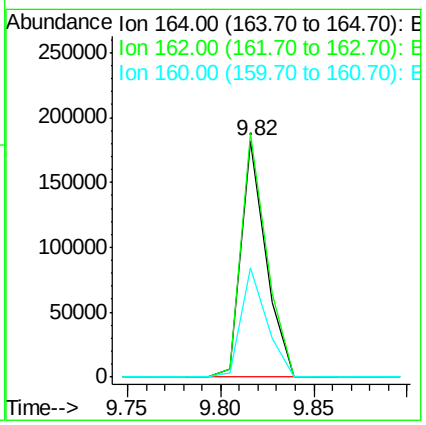


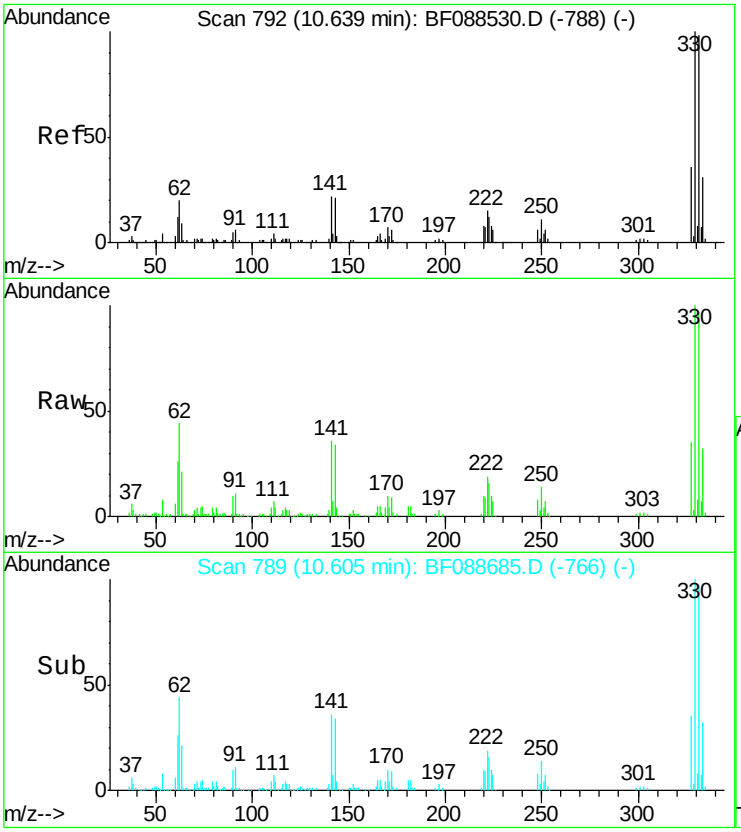


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.82 min Scan# 720
Delta R.T. -0.03 min
Lab File: BF088685.D
Acq: 4 Jul 2016 10:11

Tgt Ion:164 Resp: 168719

Ion	Ratio	Lower	Upper
164	100		
162	103.2	85.4	128.2
160	46.5	39.5	59.3



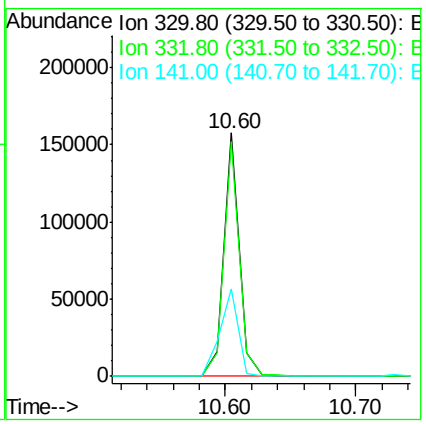


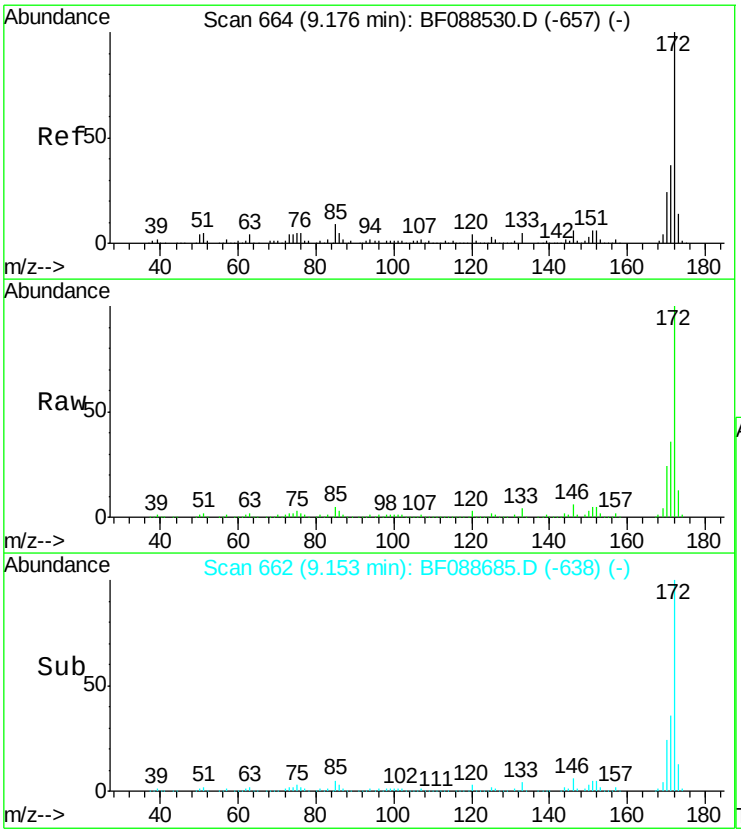
#41
2,4,6-Tribromophenol
Concen: 84.18 ng
RT: 10.60 min Scan# 789
Delta R.T. -0.03 min
Lab File: BF088685.D
Acq: 4 Jul 2016 10:11

Instrument :
BNA_F
ClientSampleId :
EPCH-B1(00-0.5)

Tgt Ion:330 Resp: 131885

Ion	Ratio	Lower	Upper
330	100		
332	96.8	0.0	0.0#
141	44.0	0.0	0.0#

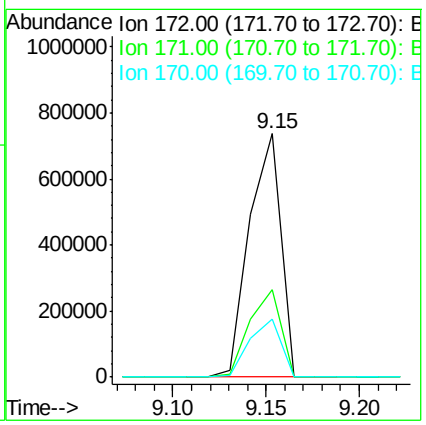


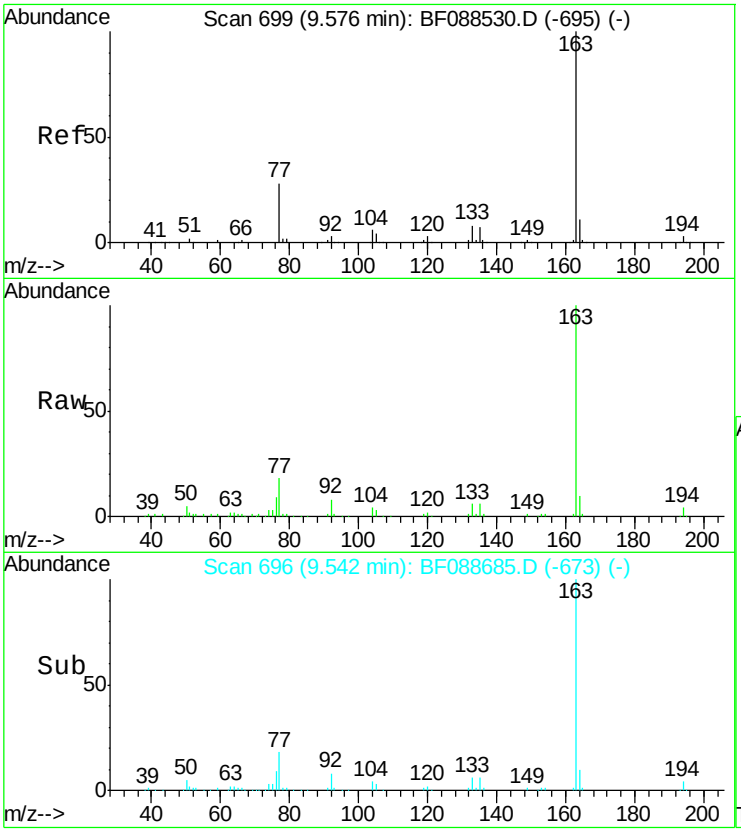


#44
2-Fluorobiphenyl
Concen: 80.65 ng
RT: 9.15 min Scan# 662
Delta R.T. -0.02 min
Lab File: BF088685.D
Acq: 4 Jul 2016 10:11

Tgt Ion:172 Resp: 861397

Ion	Ratio	Lower	Upper
172	100		
171	35.9	28.6	43.0
170	23.6	19.2	28.8



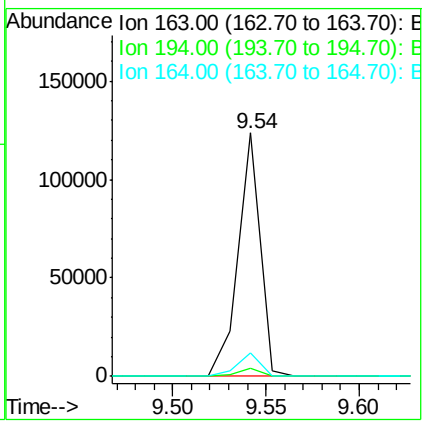


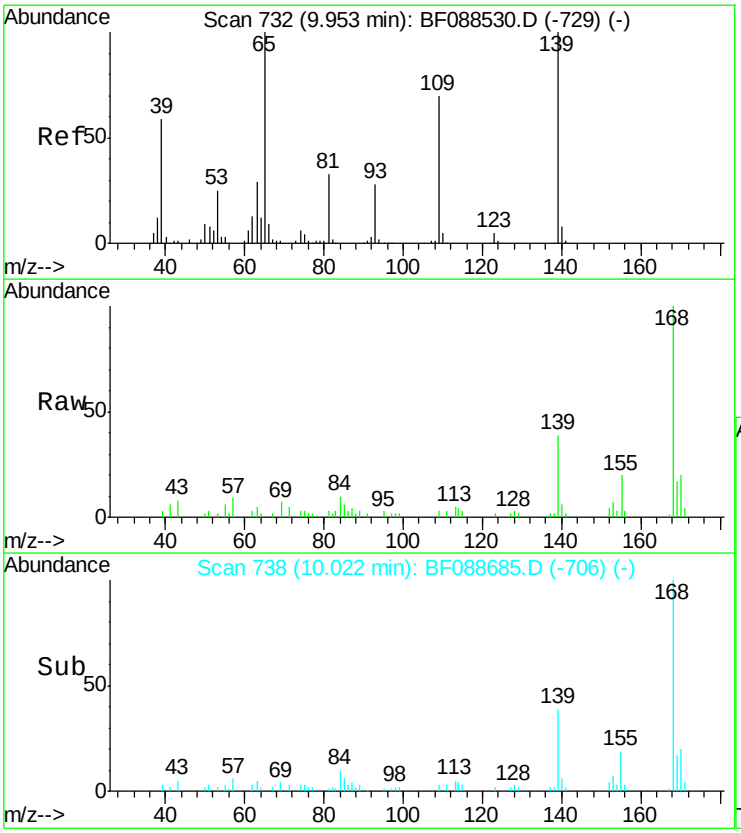
#49
Dimethylphthalate
Concen: 8.55 ng
RT: 9.54 min Scan# 696
Delta R.T. -0.03 min
Lab File: BF088685.D
Acq: 4 Jul 2016 10:11

Instrument :
BNA_F
ClientSampleId :
EPCH-B1(00-0.5)

Tgt Ion:163 Resp: 102752

Ion	Ratio	Lower	Upper
163	100		
194	3.6	2.8	4.2
164	9.5	8.3	12.5

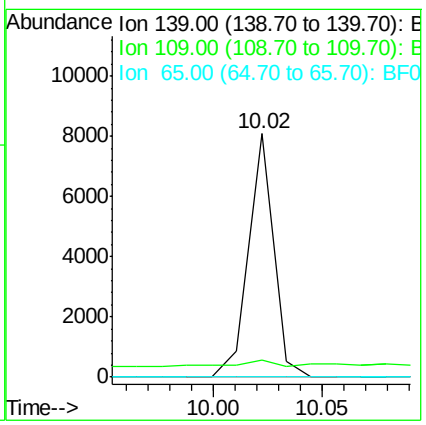


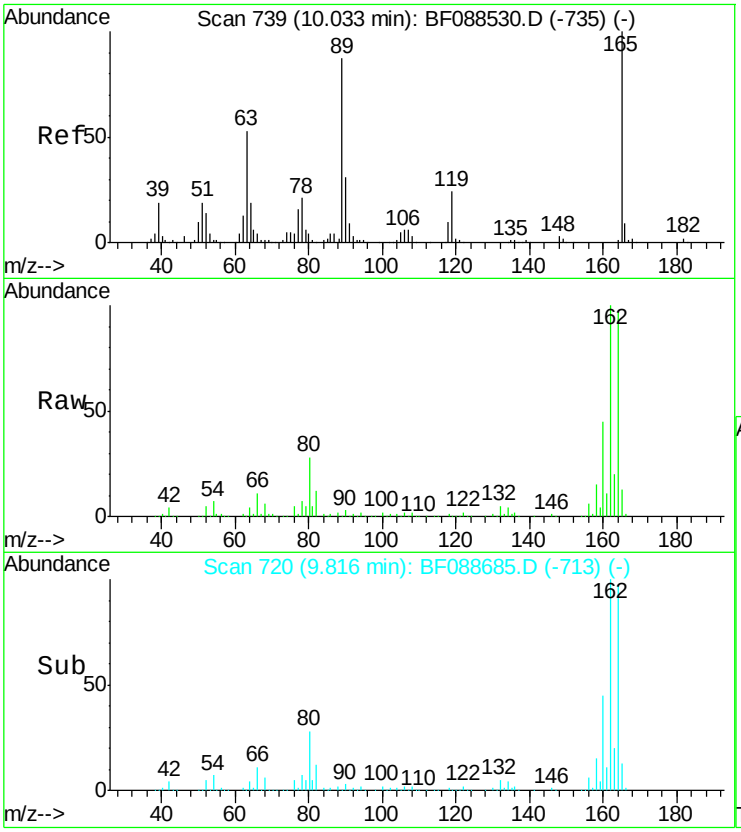


#55
4-Nitrophenol
Concen: 2.53 ng
RT: 10.02 min Scan# 738
Delta R.T. 0.07 min
Lab File: BF088685.D
Acq: 4 Jul 2016 10:11

Tgt Ion:139 Resp: 6503

Ion	Ratio	Lower	Upper
139	100		
109	6.8	48.9	88.9#
65	0.0	84.9	124.9#



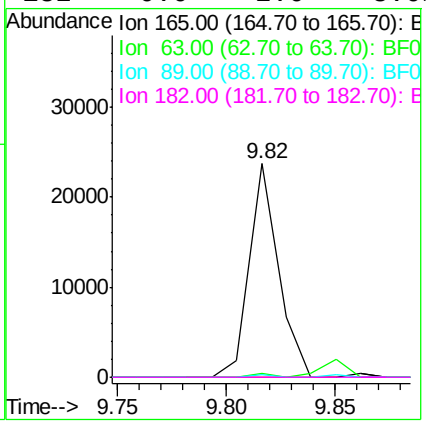


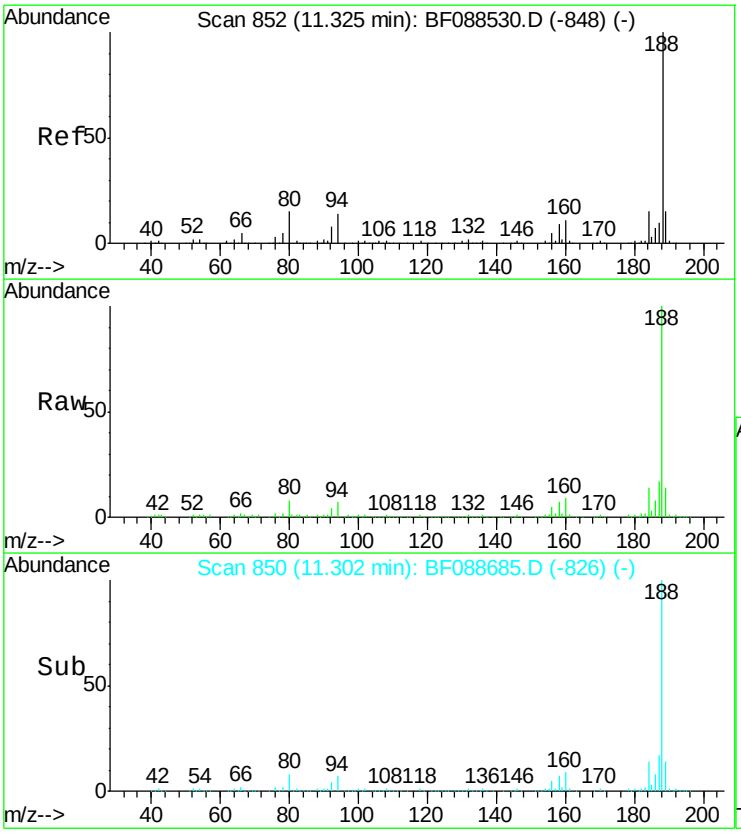
#56
2,4-Dinitrotoluene
Concen: 6.36 ng
RT: 9.82 min Scan# 720
Delta R.T. -0.22 min
Lab File: BF088685.D
Acq: 4 Jul 2016 10:11

Instrument :
BNA_F
ClientSampleId :
EPCH-B1(00-0.5)

Tgt Ion:165 Resp: 22142

Ion	Ratio	Lower	Upper
165	100		
63	1.8	22.0	33.0#
89	1.5	41.1	61.7#
182	0.0	2.0	3.0#

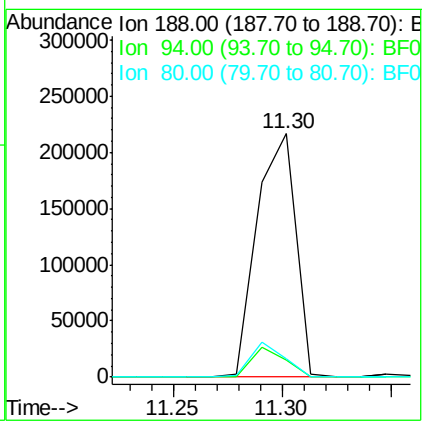


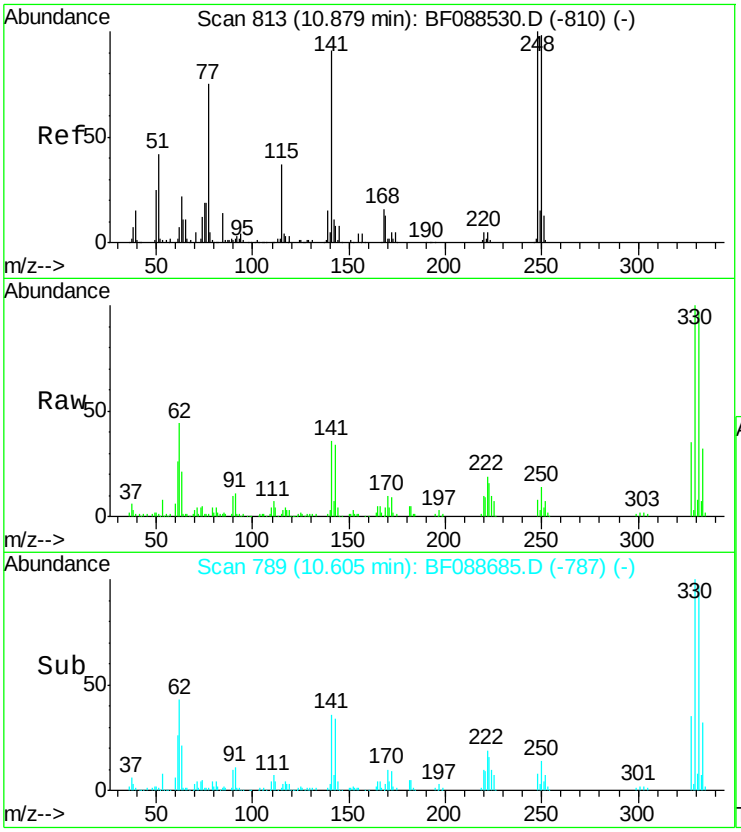


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.30 min Scan# 850
Delta R.T. -0.02 min
Lab File: BF088685.D
Acq: 4 Jul 2016 10:11

Tgt Ion:188 Resp: 271146

Ion	Ratio	Lower	Upper
188	100		
94	7.1	9.0	13.6#
80	7.7	10.0	15.0#



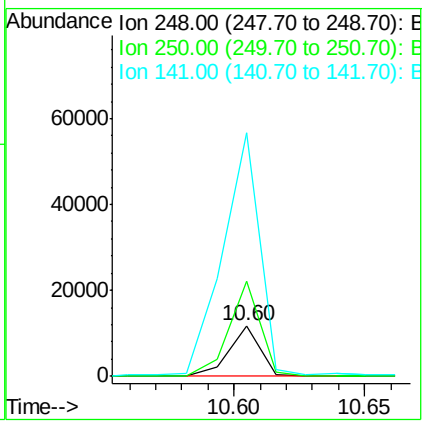


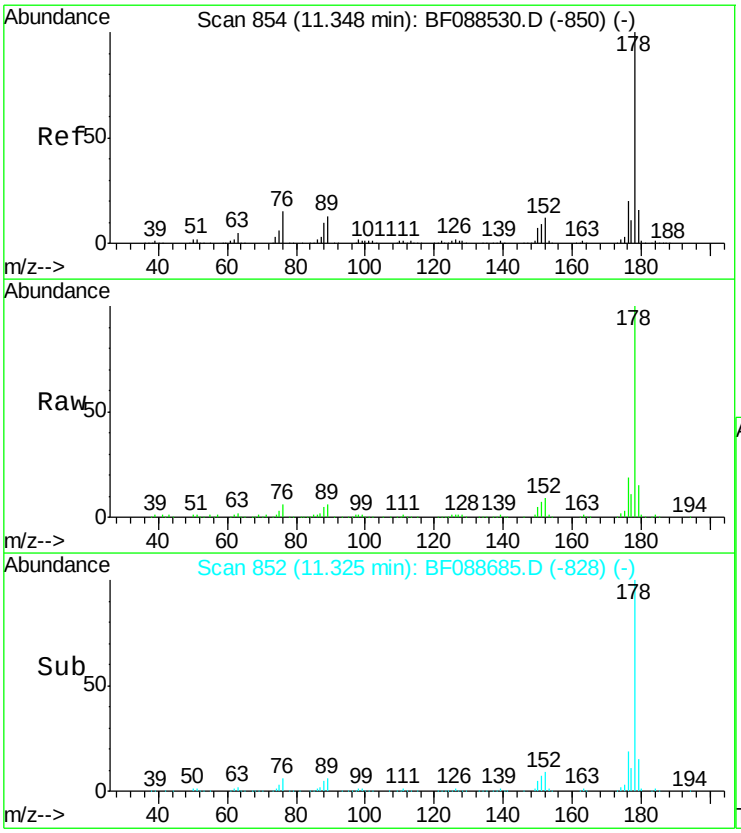
#66
4-Bromophenyl-phenylether
Concen: 3.65 ng
RT: 10.60 min Scan# 789
Delta R.T. -0.27 min
Lab File: BF088685.D
Acq: 4 Jul 2016 10:11

Instrument :
BNA_F
ClientSampleId :
EPCH-B1(00-0.5)

Tgt Ion:248 Resp: 9966

Ion	Ratio	Lower	Upper
248	100		
250	186.7	77.1	115.7#
141	478.3	50.6	76.0#

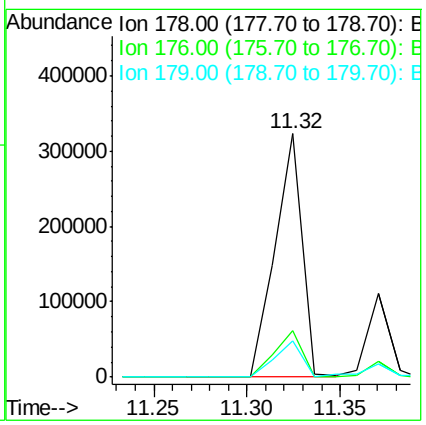


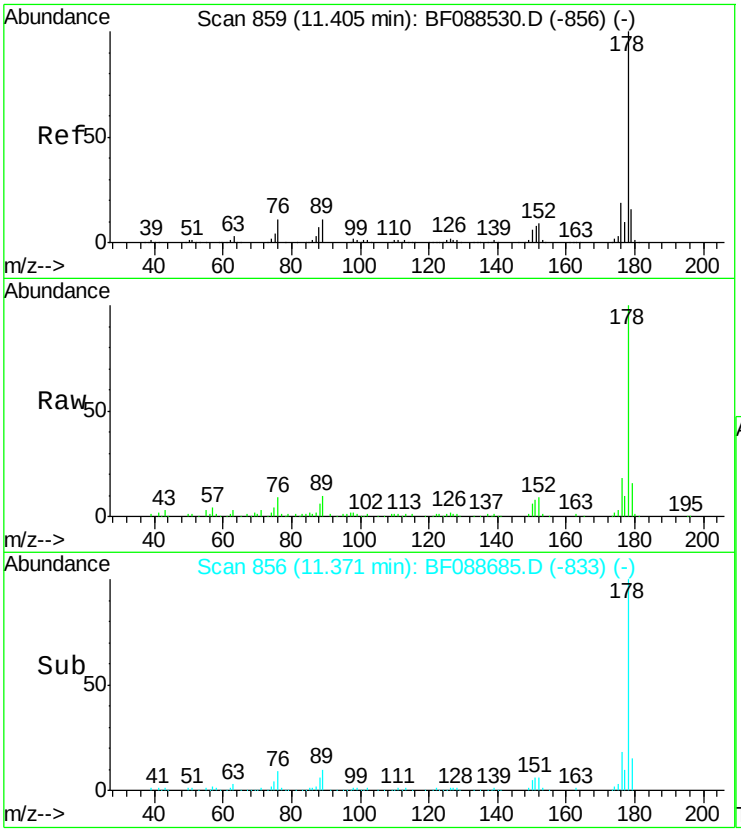


#70
Phenanthrene
Concen: 22.08 ng
RT: 11.32 min Scan# 852
Delta R.T. -0.02 min
Lab File: BF088685.D
Acq: 4 Jul 2016 10:11

Tgt Ion:178 Resp: 327267

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.8	23.6
179	15.0	13.0	19.4



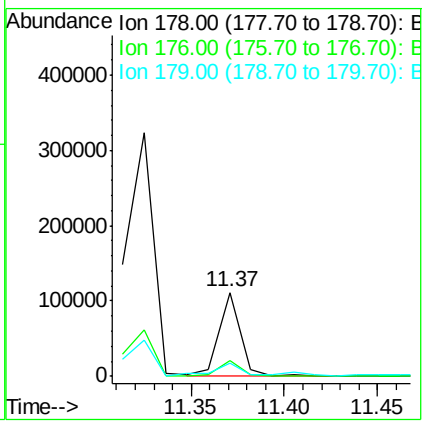


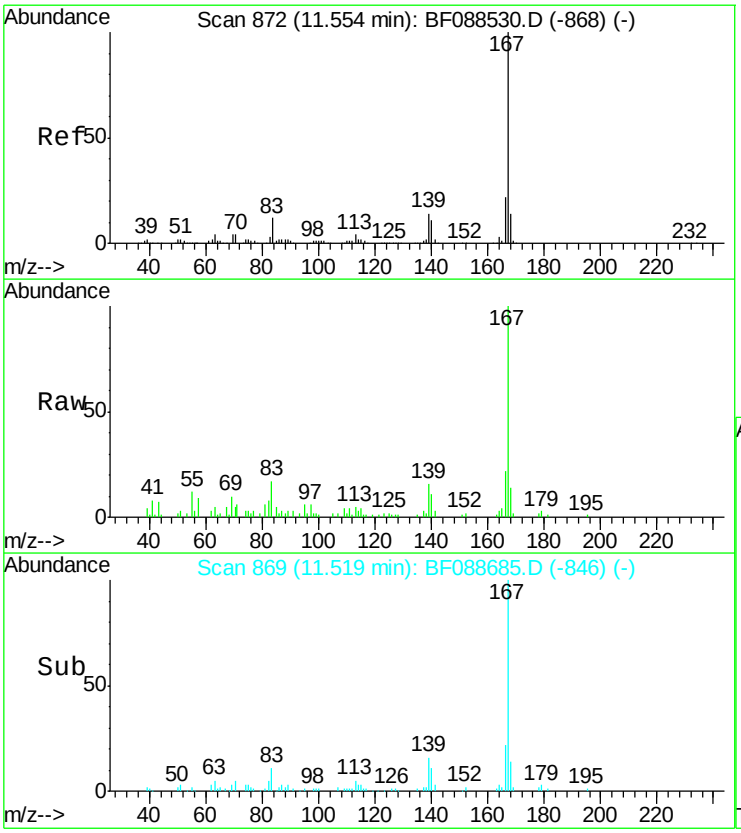
#71
Anthracene
Concen: 6.10 ng
RT: 11.37 min Scan# 856
Delta R.T. -0.03 min
Lab File: BF088685.D
Acq: 4 Jul 2016 10:11

Instrument :
BNA_F
ClientSampleId :
EPCH-B1(00-0.5)

Tgt Ion:178 Resp: 89842

Ion	Ratio	Lower	Upper
178	100		
176	18.2	15.6	23.4
179	15.5	12.8	19.2

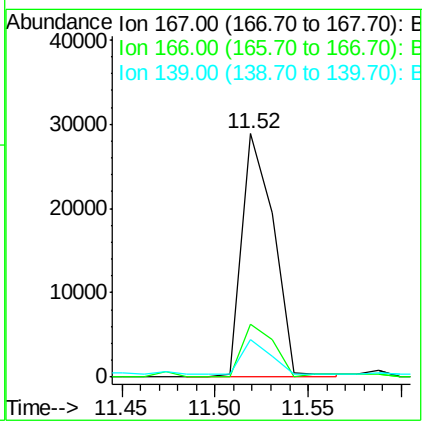


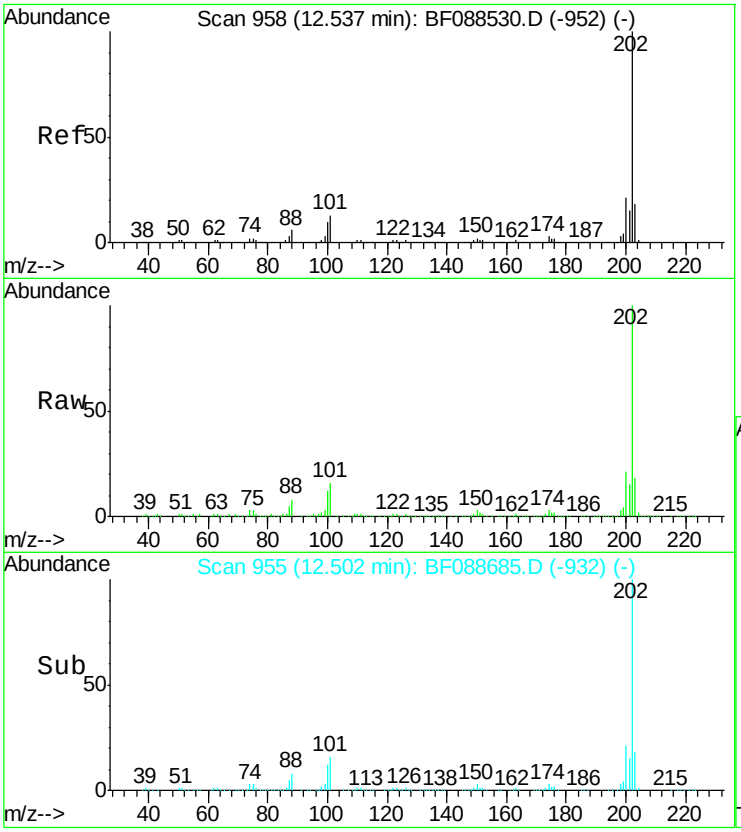


#72
Carbazole
Concen: 2.47 ng
RT: 11.52 min Scan# 869
Delta R.T. -0.03 min
Lab File: BF088685.D
Acq: 4 Jul 2016 10:11

Tgt Ion:167 Resp: 34235

Ion	Ratio	Lower	Upper
167	100		
166	21.6	17.8	26.6
139	15.5	11.2	16.8



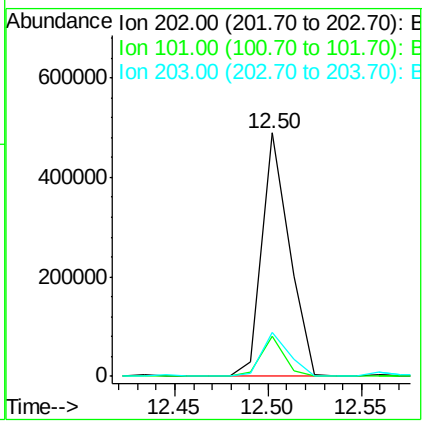


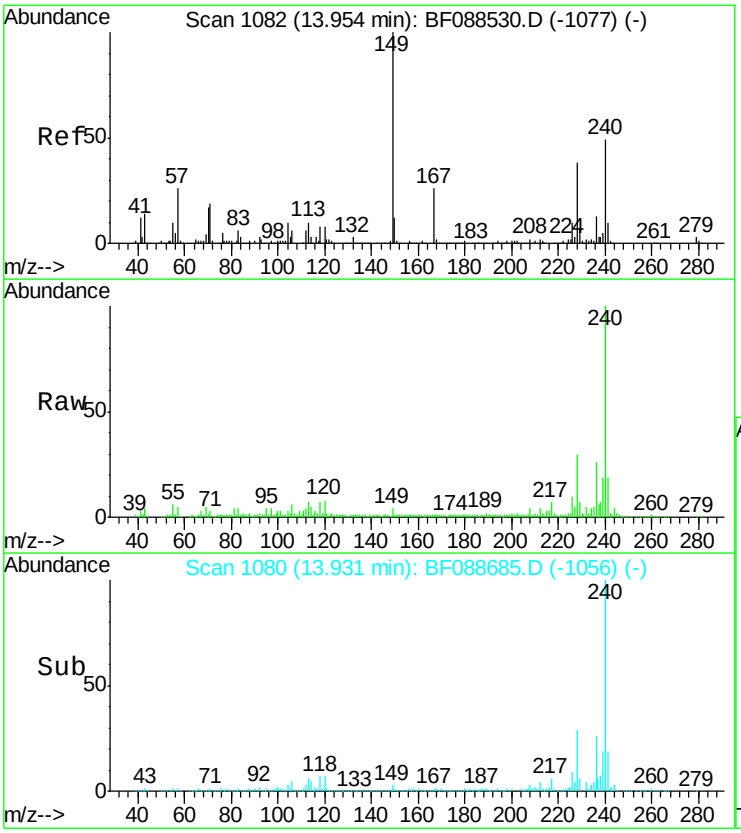
#74
Fluoranthene
Concen: 32.89 ng
RT: 12.50 min Scan# 955
Delta R.T. -0.03 min
Lab File: BF088685.D
Acq: 4 Jul 2016 10:11

Instrument :
BNA_F
ClientSampleId :
EPCH-B1(00-0.5)

Tgt Ion:202 Resp: 494215

Ion	Ratio	Lower	Upper
202	100		
101	16.4	0.0	33.1
203	18.1	0.0	38.1

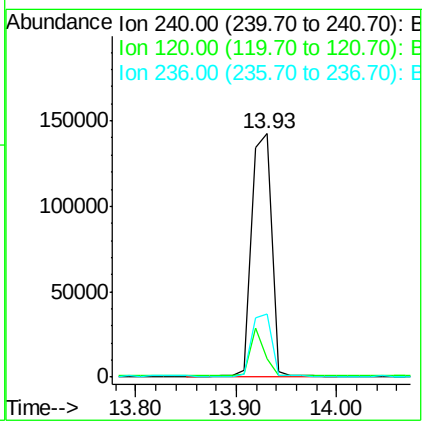


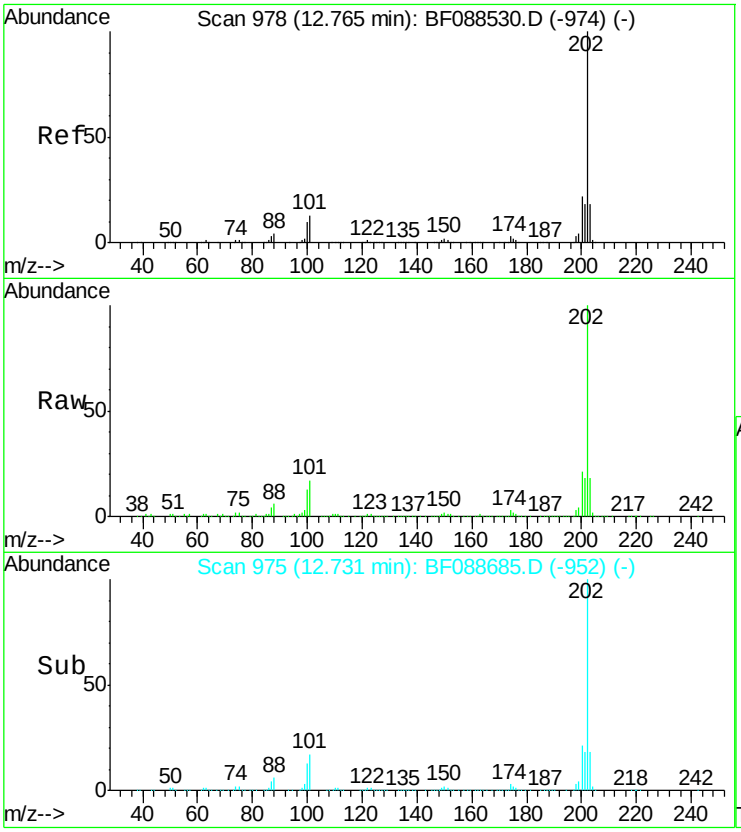


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.93 min Scan# 1080
Delta R.T. -0.02 min
Lab File: BF088685.D
Acq: 4 Jul 2016 10:11

Tgt Ion:240 Resp: 196225

Ion	Ratio	Lower	Upper
240	100		
120	7.5	6.8	10.2
236	25.9	20.2	30.2



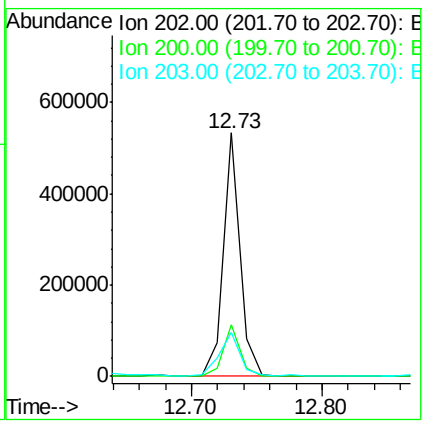


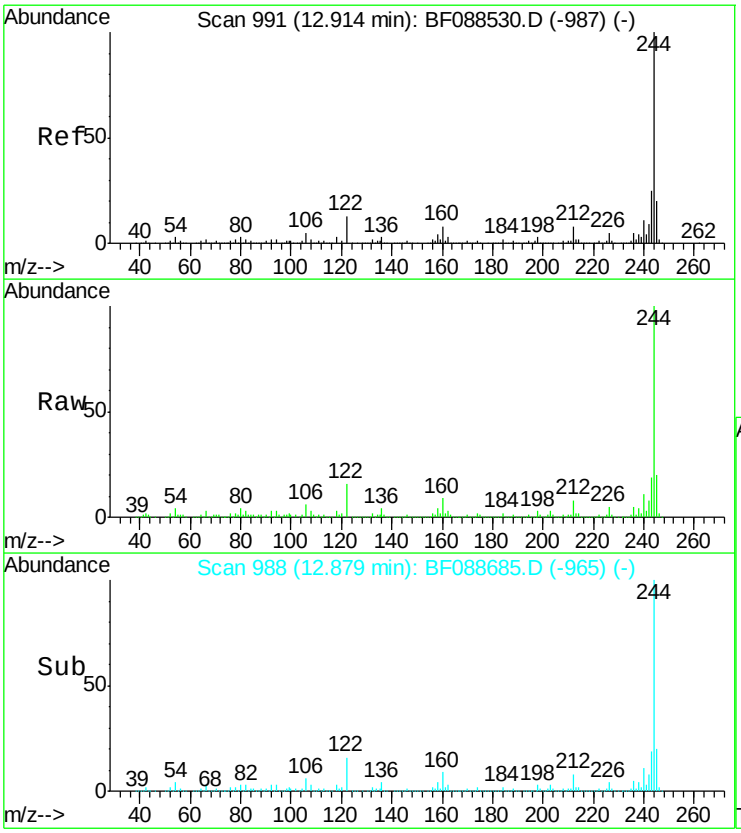
#77
Pyrene
Concen: 28.67 ng
RT: 12.73 min Scan# 975
Delta R.T. -0.03 min
Lab File: BF088685.D
Acq: 4 Jul 2016 10:11

Instrument :
BNA_F
ClientSampleId :
EPCH-B1(00-0.5)

Tgt Ion:202 Resp: 477001

Ion	Ratio	Lower	Upper
202	100		
200	21.4	17.4	26.2
203	18.1	14.5	21.7

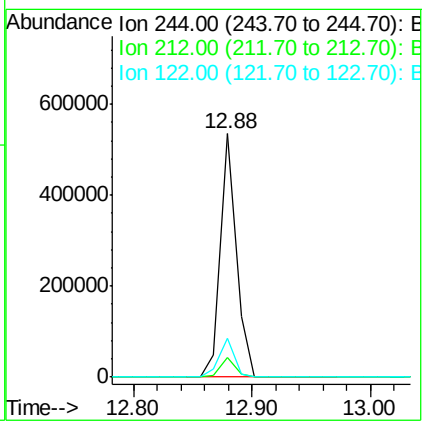


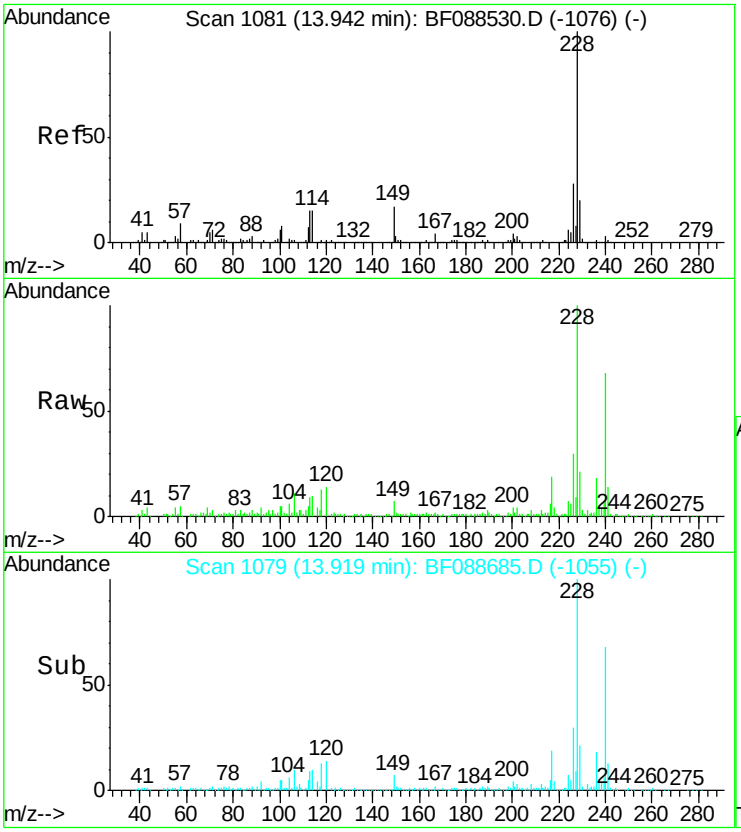


#78
Terphenyl-d14
Concen: 56.29 ng
RT: 12.88 min Scan# 988
Delta R.T. -0.03 min
Lab File: BF088685.D
Acq: 4 Jul 2016 10:11

Tgt Ion:244 Resp: 495888

Ion	Ratio	Lower	Upper
244	100		
212	7.8	6.0	9.0
122	15.8	11.2	16.8



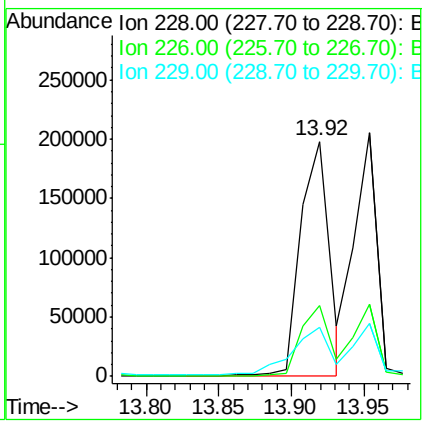


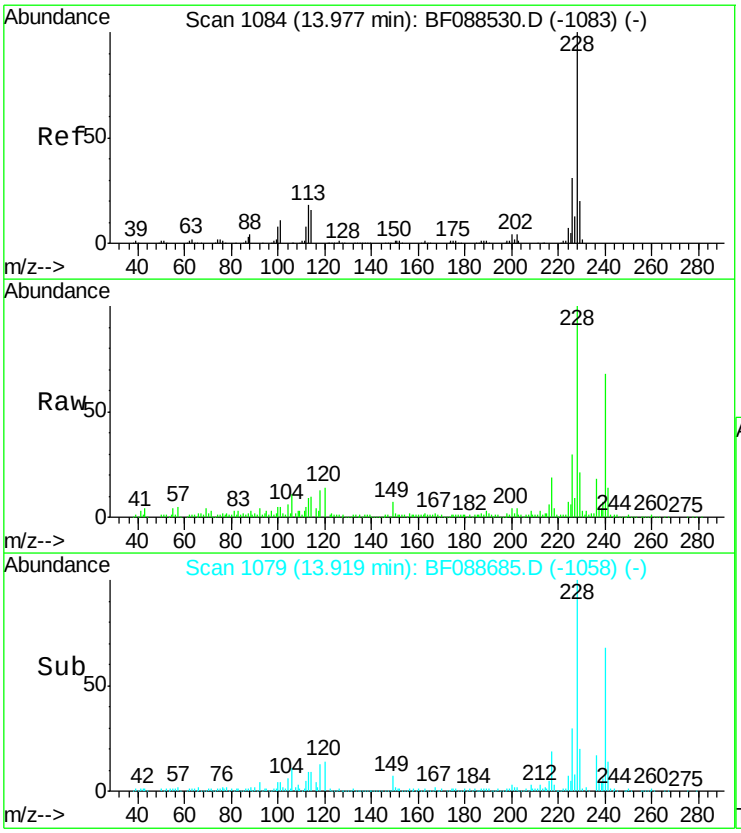
#80
Benzo(a)anthracene
Concen: 21.35 ng
RT: 13.92 min Scan# 1079
Delta R.T. -0.02 min
Lab File: BF088685.D
Acq: 4 Jul 2016 10:11

Instrument :
BNA_F
ClientSampleId :
EPCH-B1(00-0.5)

Tgt Ion:228 Resp: 269701

Ion	Ratio	Lower	Upper
228	100		
226	30.1	22.3	33.5
229	20.8	16.0	24.0

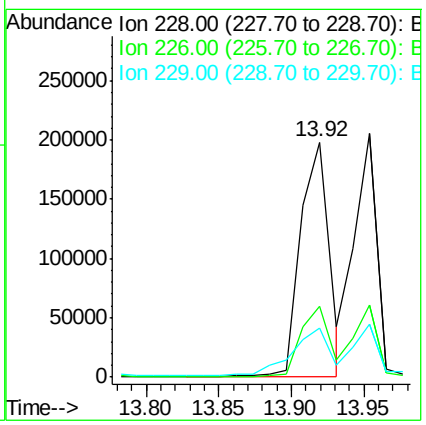


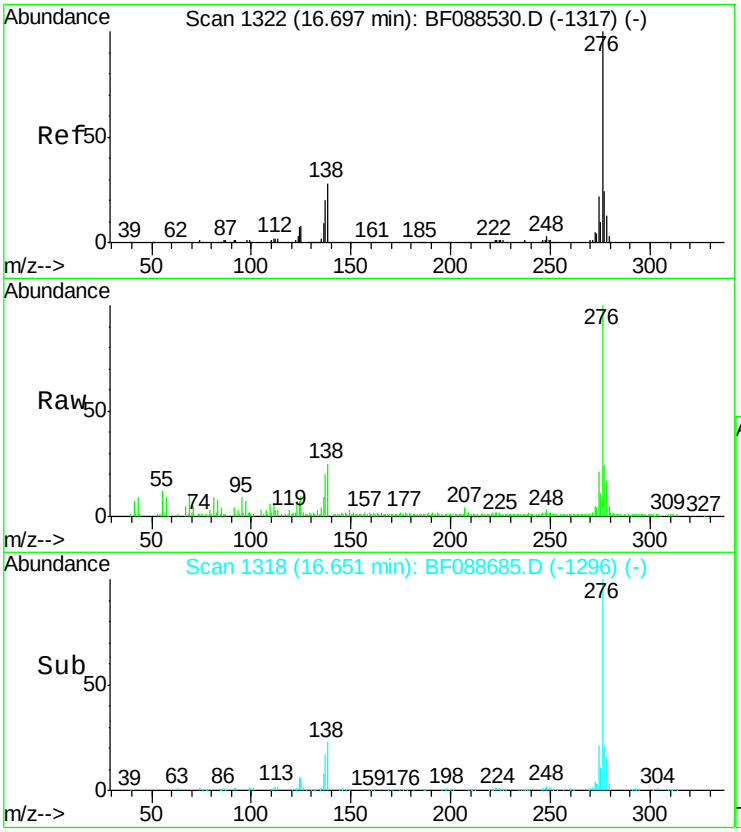


#82
Chrysene
Concen: 21.57 ng
RT: 13.92 min Scan# 1079
Delta R.T. -0.06 min
Lab File: BF088685.D
Acq: 4 Jul 2016 10:11

Tgt Ion:228 Resp: 269701

Ion	Ratio	Lower	Upper
228	100		
226	30.1	25.4	38.2
229	20.8	16.3	24.5



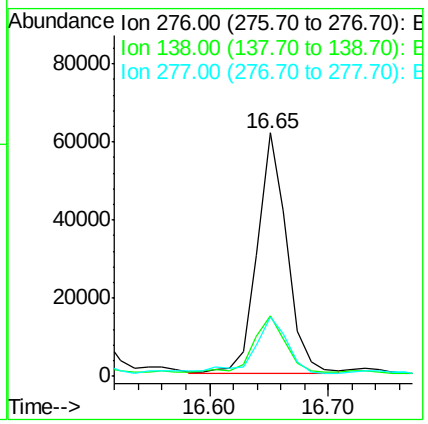


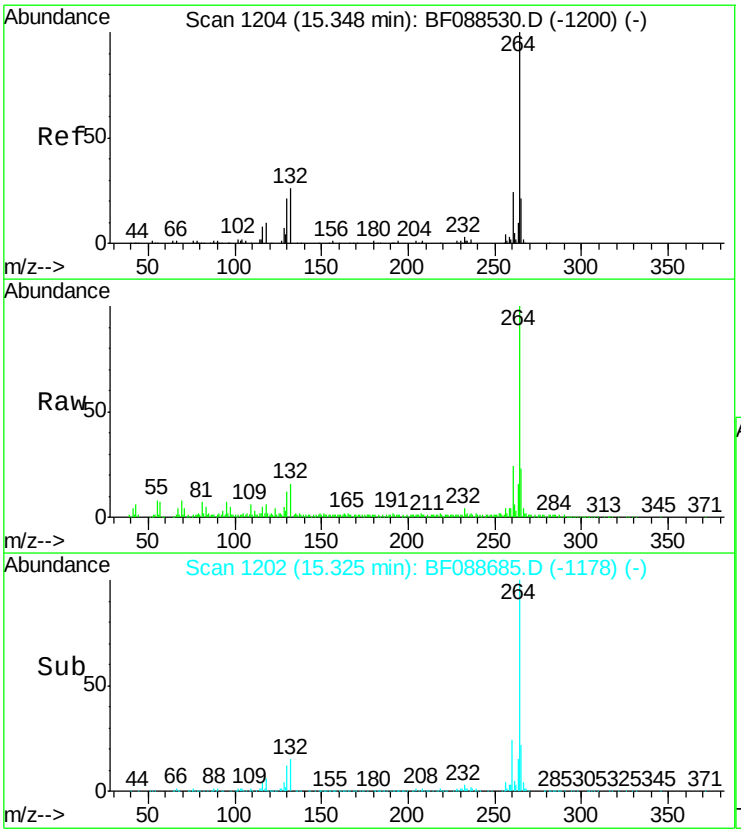
#85
Indeno(1,2,3-cd)pyrene
Concen: 11.27 ng
RT: 16.65 min Scan# 1318
Delta R.T. -0.05 min
Lab File: BF088685.D
Acq: 4 Jul 2016 10:11

Instrument :
BNA_F
ClientSampleId :
EPCH-B1(00-0.5)

Tgt Ion:276 Resp: 108355

Ion	Ratio	Lower	Upper
276	100		
138	26.0	0.0	0.0#
277	28.2	0.0	0.0#

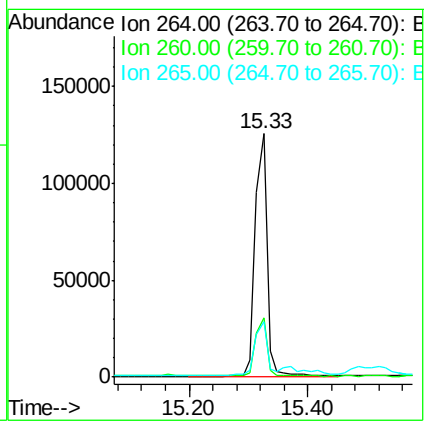


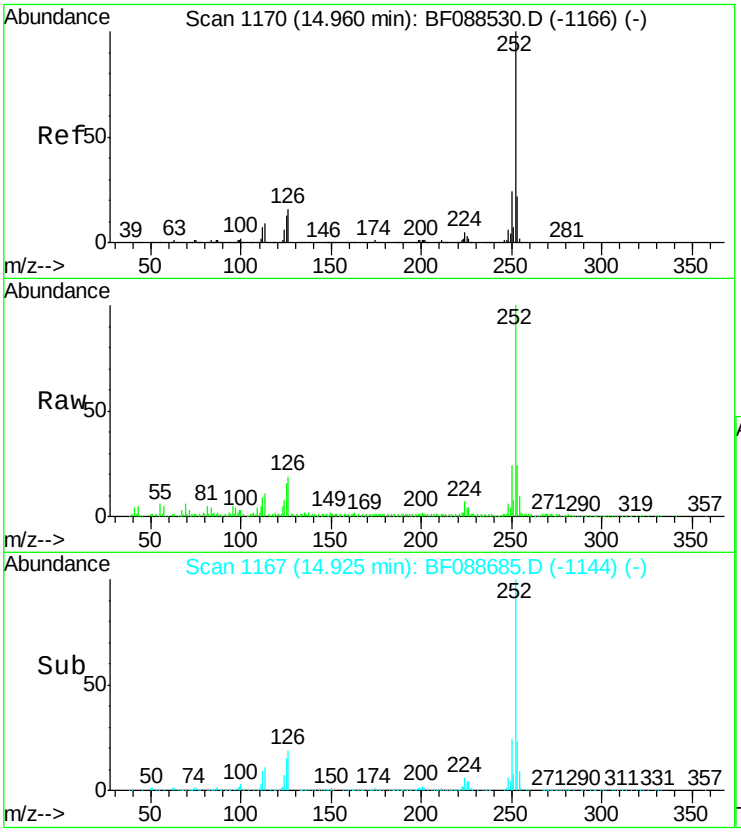


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.33 min Scan# 1202
Delta R.T. -0.02 min
Lab File: BF088685.D
Acq: 4 Jul 2016 10:11

Tgt Ion:264 Resp: 172997

Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.2	28.8
265	22.7	16.9	25.3



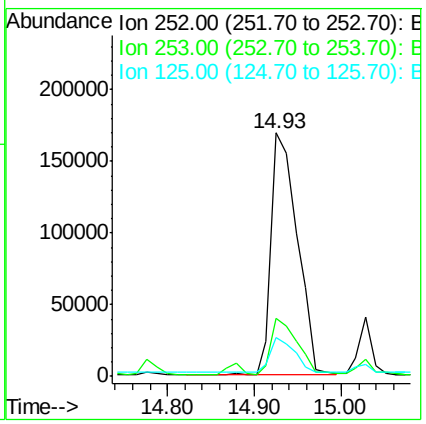


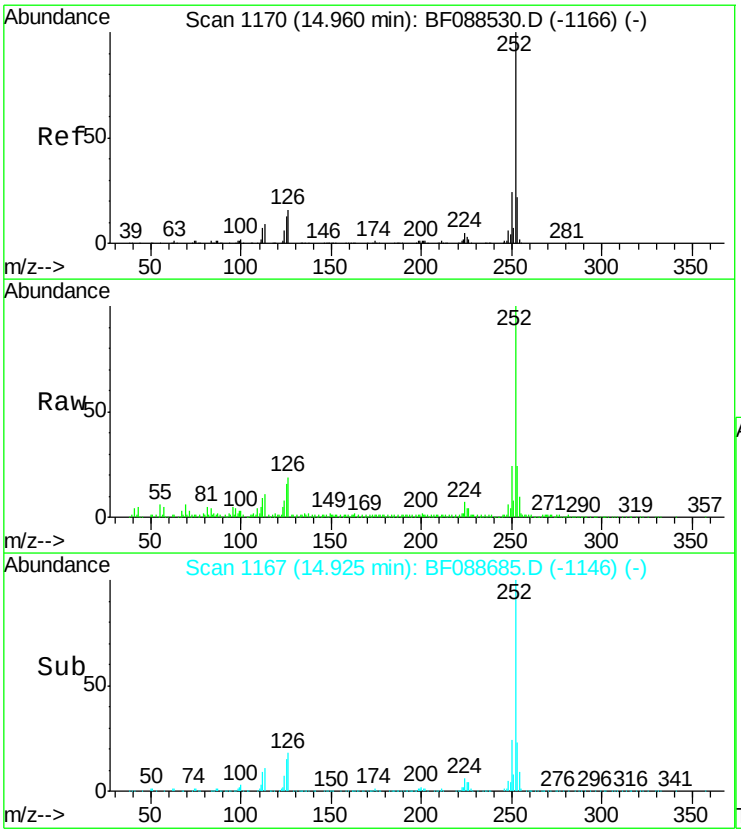
#87
Benzo(b)fluoranthene
Concen: 32.81 ng
RT: 14.93 min Scan# 1167
Delta R.T. -0.03 min
Lab File: BF088685.D
Acq: 4 Jul 2016 10:11

Instrument :
BNA_F
ClientSampleId :
EPCH-B1(00-0.5)

Tgt Ion:252 Resp: 356081

Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.4	26.2
125	16.2	7.1	10.7#

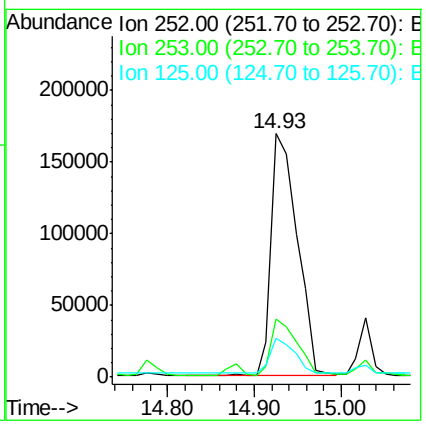


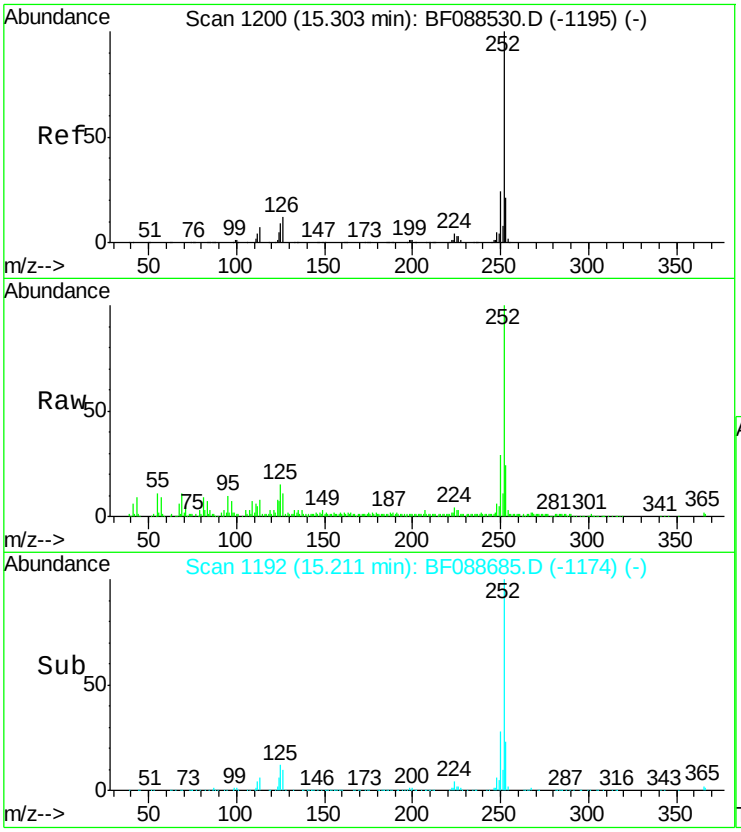


#88
Benzo(k)fluoranthene
Concen: 37.69 ng
RT: 14.93 min Scan# 1167
Delta R.T. -0.06 min
Lab File: BF088685.D
Acq: 4 Jul 2016 10:11

Tgt Ion:252 Resp: 356081

Ion	Ratio	Lower	Upper
252	100		
253	23.6	18.0	27.0
125	16.2	11.2	16.8



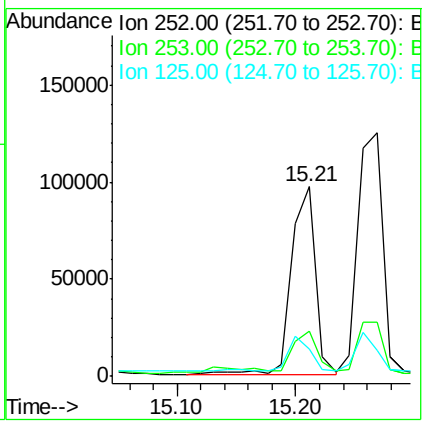


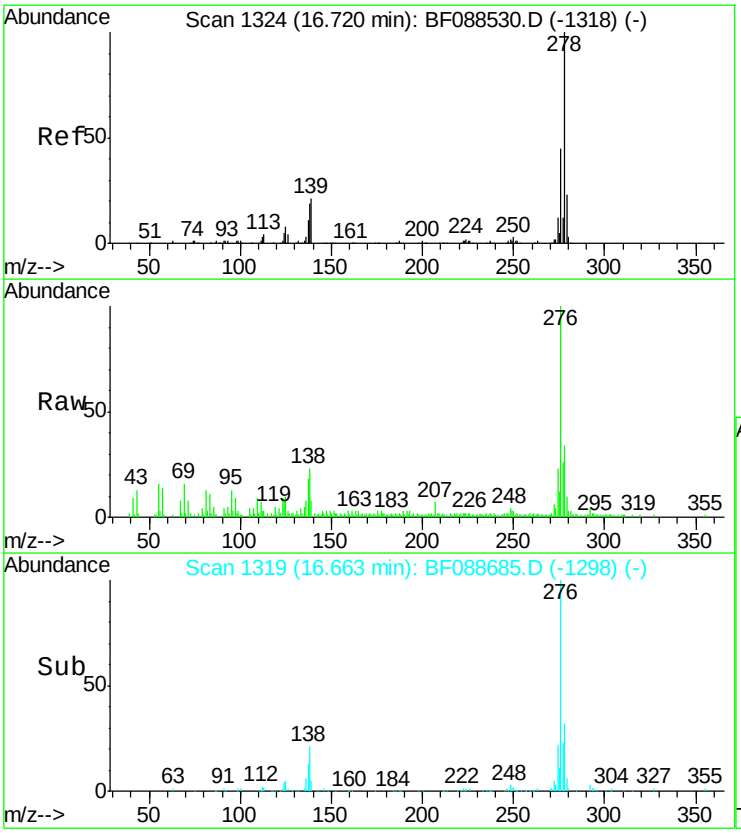
#89
Benzo(a)pyrene
Concen: 14.62 ng
RT: 15.21 min Scan# 1192
Delta R.T. -0.09 min
Lab File: BF088685.D
Acq: 4 Jul 2016 10:11

Instrument :
BNA_F
ClientSampleId :
EPCH-B1(00-0.5)

Tgt Ion:252 Resp: 134376

Ion	Ratio	Lower	Upper
252	100		
253	24.0	17.9	26.9
125	14.7	12.5	18.7

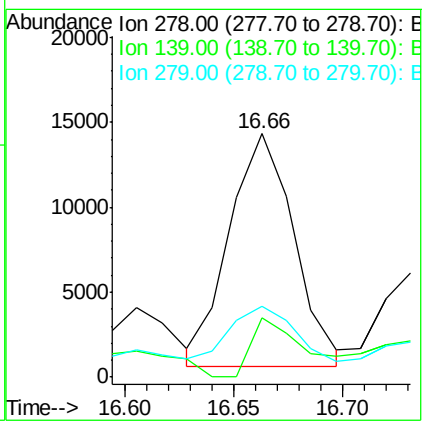


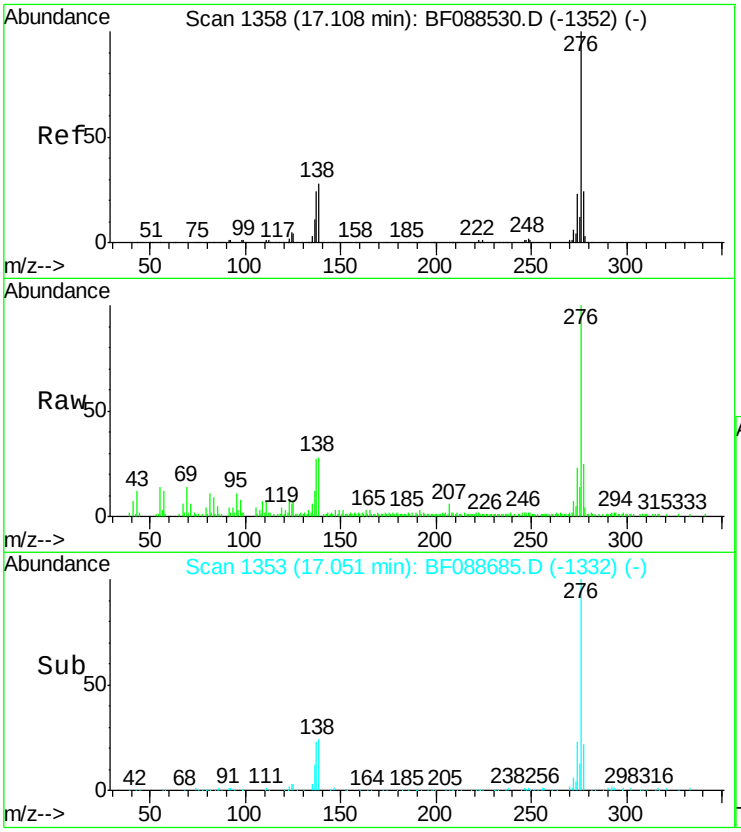


#90
Dibenzo(a,h)anthracene
Concen: 3.70 ng
RT: 16.66 min Scan# 1319
Delta R.T. -0.06 min
Lab File: BF088685.D
Acq: 4 Jul 2016 10:11

Tgt Ion:278 Resp: 28412

Ion	Ratio	Lower	Upper
278	100		
139	24.3	15.7	23.5#
279	29.0	19.4	29.2





#91
Benzo(g,h,i)perylene
Concen: 12.32 ng
RT: 17.05 min Scan# 1353
Delta R.T. -0.06 min
Lab File: BF088685.D
Acq: 4 Jul 2016 10:11

Instrument :
BNA_F
ClientSampleId :
EPCH-B1(00-0.5)

Tgt Ion:276 Resp: 97837

Ion	Ratio	Lower	Upper
276	100		
277	24.5	18.9	28.3
138	27.9	21.4	32.2