Data Path : Z:\HPCHEM1\BNA_F\DATA\BF022817\

Quantitation Report (Not Reviewed)

Data File : BF093267.D
Acq On : 1 Mar 2017 2:14
Operator : SJ/MA
Sample : I1997-04DL 5X
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : E2-W7-BASEDL

Quant Time: Mar 01 03:02:34 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 17 17:31:55 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	125643	20.00	ng		-0.05
21) Naphthalene-d8	8.10	136	467178	20.00	ng		-0.05
38) Acenaphthene-d10	9.85	164	190833	20.00	ng		-0.05
63) Phenanthrene-d10	11.33	188	309759	20.00	ng		-0.05
75) Chrysene-d12	13.97	240	268744	20.00	ng		-0.05
86) Perylene-d12	15.40	264	202918	20.00	ng		-0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.41	112	202209	27.61	ng		-0.03
7) Phenol-d6	6.48	99	265594	28.19	ng		-0.01
23) Nitrobenzene-d5	7.38	82	148295	17.68	ng		-0.05
41) 2,4,6-Tribromophenol	10.64	330	31019	22.47	ng		-0.05
44) 2-Fluorobiphenyl	9.17	172	223782	21.24	ng		-0.05
78) Terphenyl-d14	12.92	244	165933	14.51	ng		-0.05
Target Compounds							Qvalue
20) 3+4-Methylphenols	7.25	107	19250	2.32	ng	#	66
31) Naphthalene	8.12	128	183529	7.75	ng		98
32) Benzoic acid	7.92	122	3194	7.83	ng	#	71
33) 4-Chloroaniline	8.12	127	24235	2.61	ng	#	42
37) 2-Methylnaphthalene	8.81	142	65628	4.32	ng		97
48) Acenaphthylene	9.71	152	139912	7.49	ng		97
49) Dimethylphthalate	9.56	163	72473	5.64	ng	#	99
51) Acenaphthene	9.88	154	47308	4.24	ng		97
53) 2,4-Dinitrophenol	9.70	184	439	5.03	ng	#	1
57) Fluorene	10.40	166	70298	6.12	ng		99
70) Phenanthrene	11.36	178	503781	28.39	ng		98
71) Anthracene	11.41	178	185313	10.40	ng		96
74) Fluoranthene	12.55	202	598150	32.68	ng		96
77) Pyrene	12.79	202	877768	43.64	ng		99
80) Benzo(a)anthracene	13.96	228	470582	28.63	ng		94
82) Chrysene	13.96	228	470582	30.58	ng		98
85) Indeno(1,2,3-cd)pyrene	16.80	276	234735	19.69	ng		97
87) Benzo(b)fluoranthene	15.00	252	548178	41.04	ng		97
88) Benzo(k)fluoranthene	15.00	252	548178	47.54	ng	#	96
89) Benzo(a)pyrene	15.35	252	443003	38.35	ng		97
90) Dibenzo(a,h)anthracene	16.96	278	48969	5.24	ng		96
91) Benzo(g,h,i)perylene	17.22	276	318248	33.74	ng	#	90

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

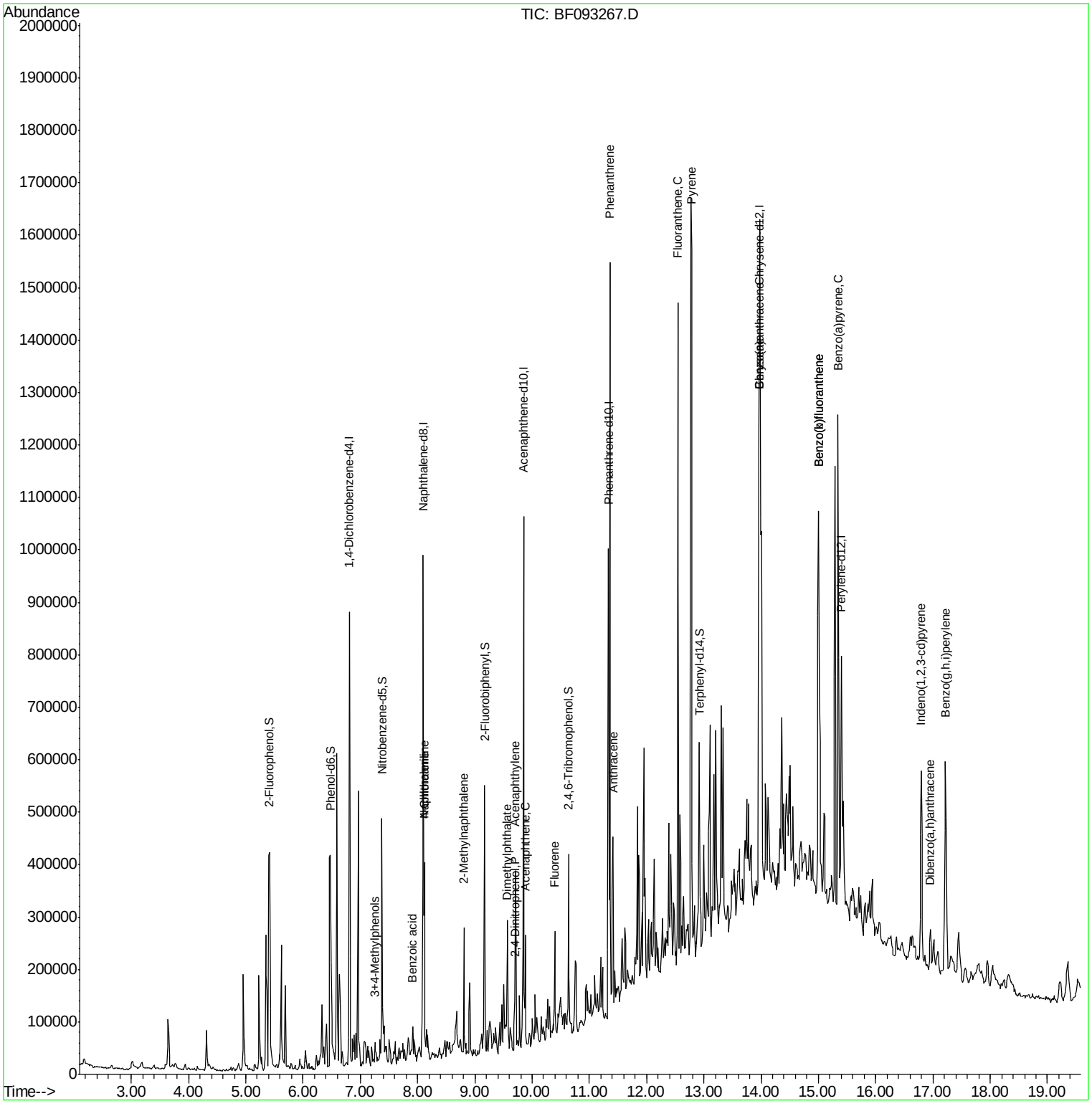
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF022817\

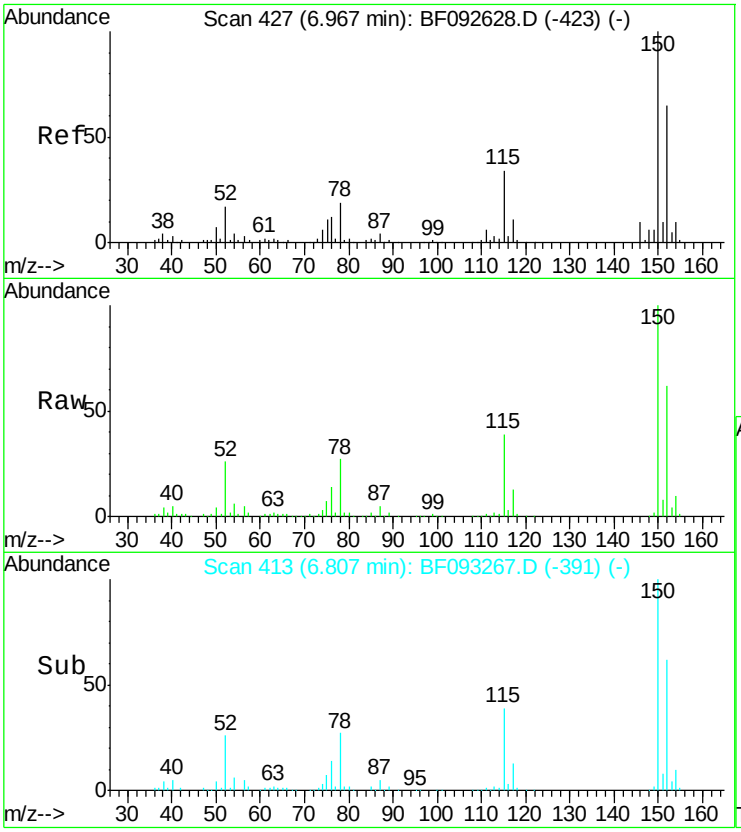
Quantitation Report (Not Reviewed)

Data File : BF093267.D
Acq On : 1 Mar 2017 2:14
Operator : SJ/MA
Sample : I1997-04DL 5X
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
E2-W7-BASEDL

Quant Time: Mar 01 03:02:34 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 17 17:31:55 2017
Response via : Initial Calibration



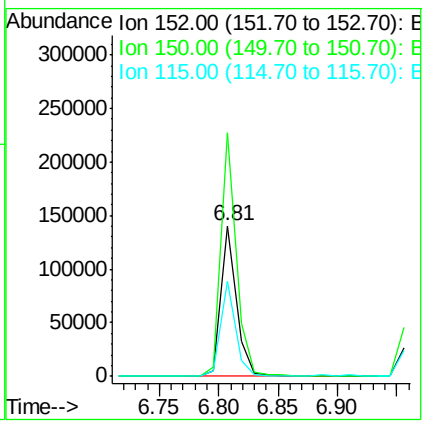


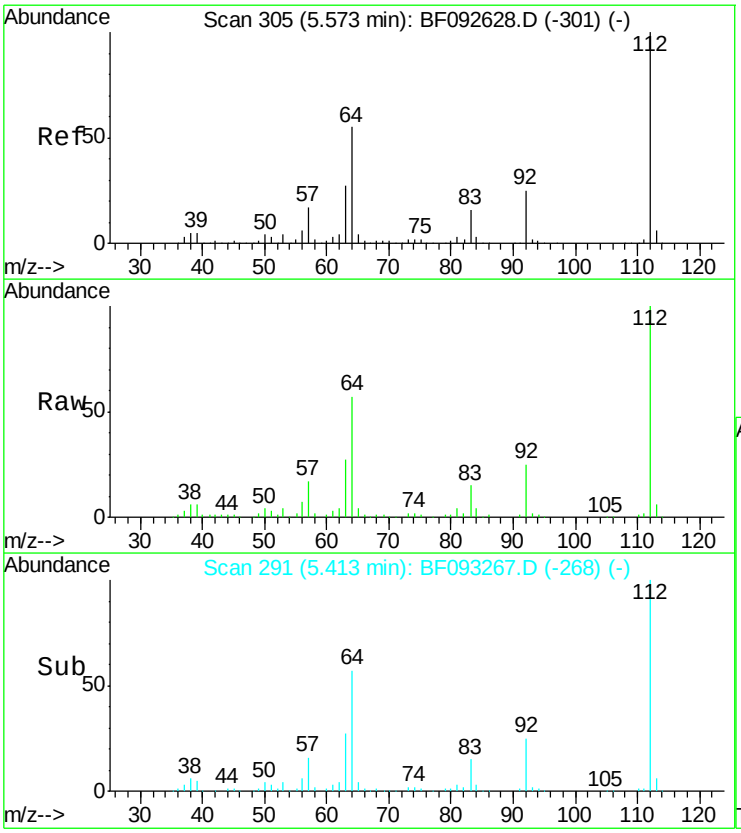
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.81 min Scan# 413
Delta R.T. -0.05 min
Lab File: BF093267.D
Acq: 1 Mar 2017 2:14

Instrument :
BNA_F
ClientSampleId :
E2-W7-BASEDL

Tgt Ion:152 Resp: 125643

Ion	Ratio	Lower	Upper
152	100		
150	162.0	124.9	187.3
115	62.9	46.0	69.0

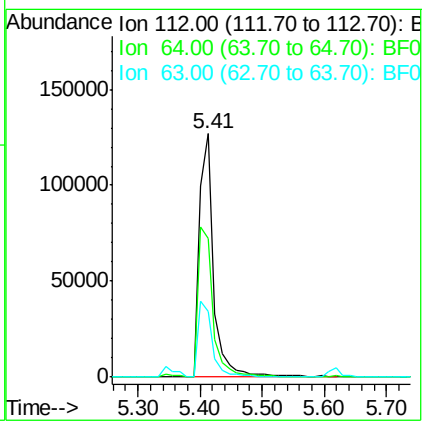


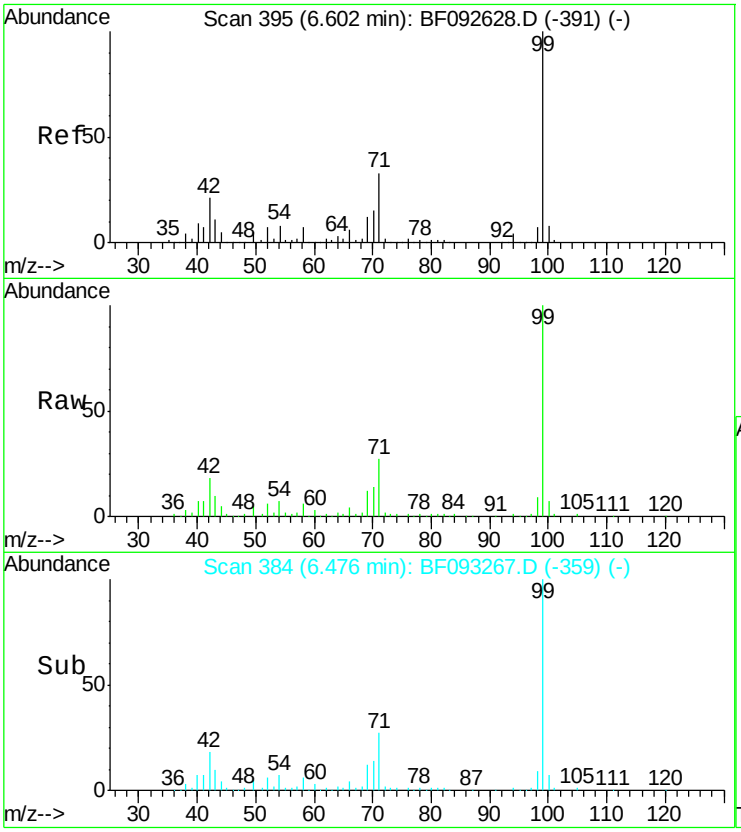


#5
2-Fluorophenol
Concen: 27.61 ng
RT: 5.41 min Scan# 291
Delta R.T. -0.03 min
Lab File: BF093267.D
Acq: 1 Mar 2017 2:14

Tgt Ion:112 Resp: 202209

Ion	Ratio	Lower	Upper
112	100		
64	57.0	46.1	69.1
63	26.9	23.8	35.6



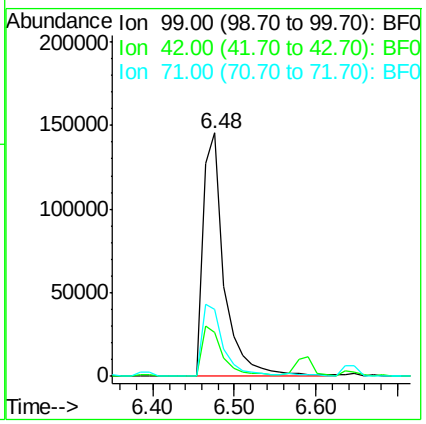


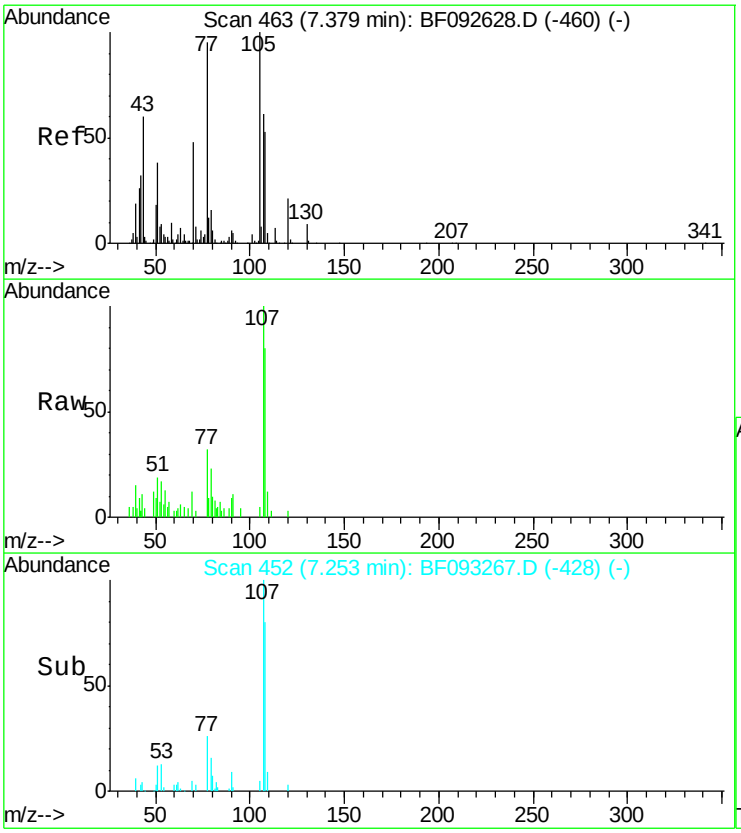
#7
Phenol-d6
Concen: 28.19 ng
RT: 6.48 min Scan# 384
Delta R.T. -0.01 min
Lab File: BF093267.D
Acq: 1 Mar 2017 2:14

Instrument :
BNA_F
ClientSampleId :
E2-W7-BASEDL

Tgt Ion: 99 Resp: 265594

Ion	Ratio	Lower	Upper
99	100		
42	18.0	15.6	23.4
71	27.4	27.5	41.3#

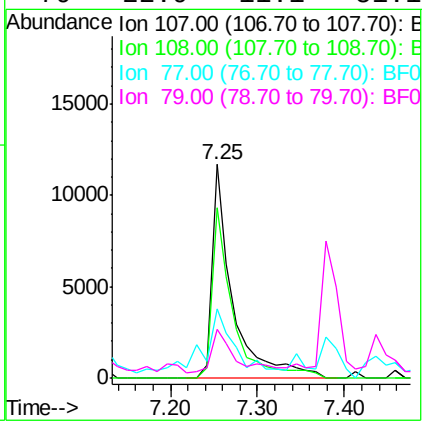


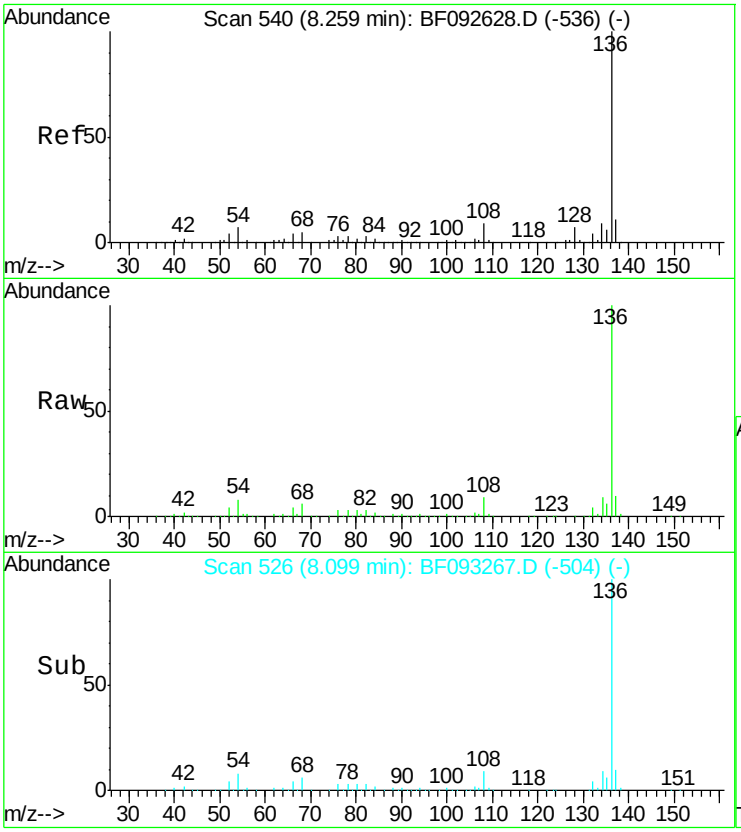


#20
3+4-Methylphenols
Concen: 2.32 ng
RT: 7.25 min Scan# 452
Delta R.T. -0.02 min
Lab File: BF093267.D
Acq: 1 Mar 2017 2:14

Tgt Ion:107 Resp: 19250

Ion	Ratio	Lower	Upper
107	100		
108	80.0	73.0	113.0
77	32.4	71.3	111.3#
79	22.9	11.1	51.1



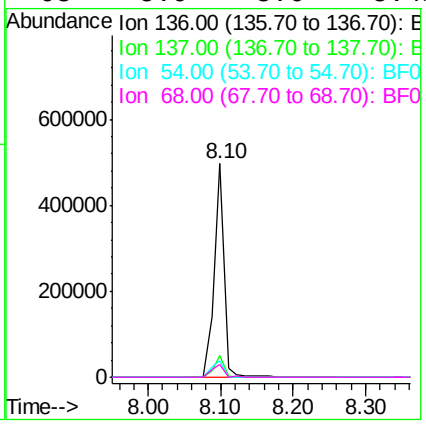


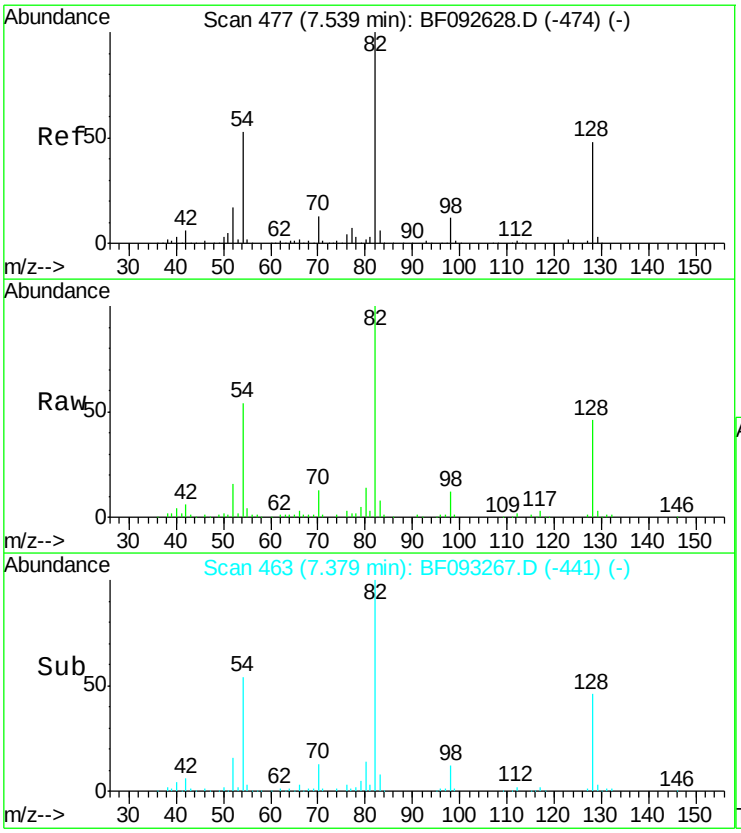
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.10 min Scan# 526
Delta R.T. -0.05 min
Lab File: BF093267.D
Acq: 1 Mar 2017 2:14

Instrument :
BNA_F
ClientSampleId :
E2-W7-BASEDL

Tgt Ion:136 Resp: 467178

Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.4	12.6
54	7.7	4.5	6.7#
68	5.9	3.6	5.4#

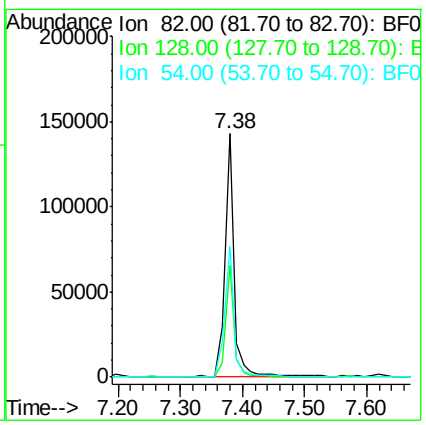


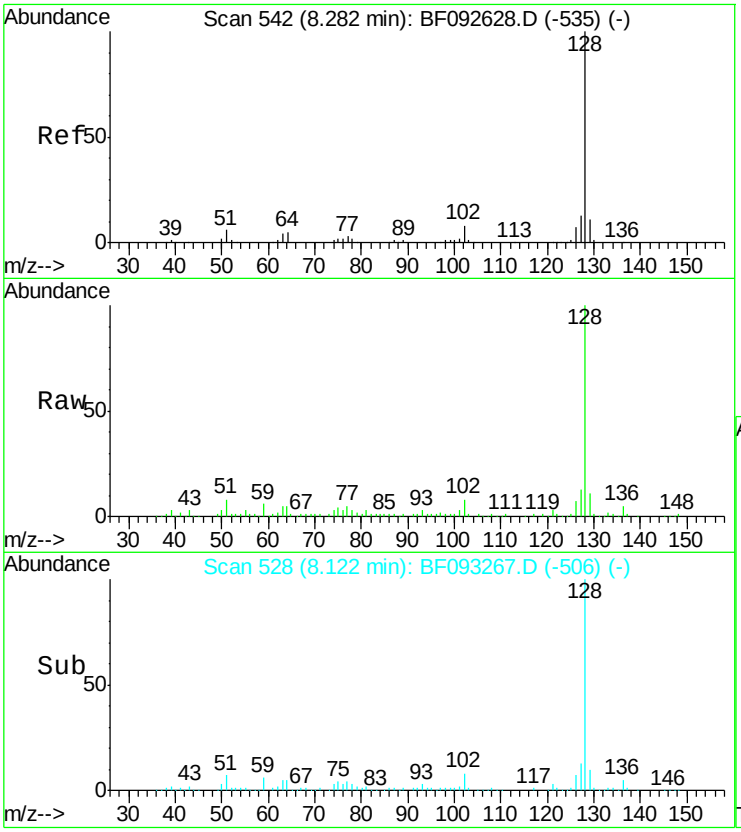


#23
Nitrobenzene-d5
Concen: 17.68 ng
RT: 7.38 min Scan# 463
Delta R.T. -0.05 min
Lab File: BF093267.D
Acq: 1 Mar 2017 2:14

Tgt Ion: 82 Resp: 148295

Ion	Ratio	Lower	Upper
82	100		
128	45.7	34.6	52.0
54	53.8	39.5	59.3



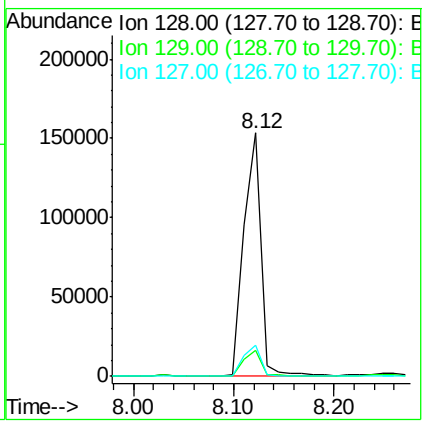


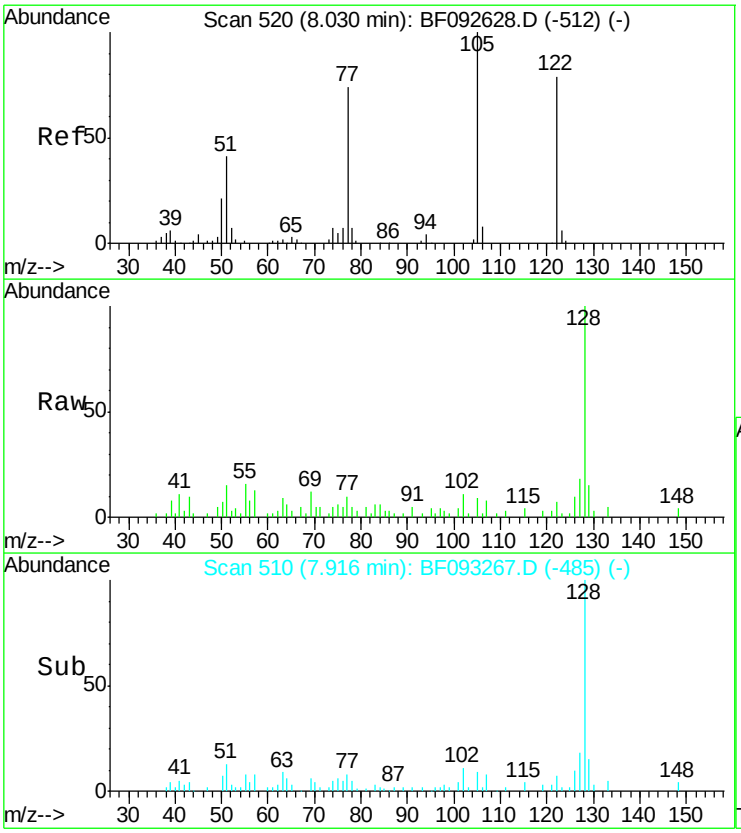
#31
Naphthalene
Concen: 7.75 ng
RT: 8.12 min Scan# 528
Delta R.T. -0.05 min
Lab File: BF093267.D
Acq: 1 Mar 2017 2:14

Instrument :
BNA_F
ClientSampleId :
E2-W7-BASEDL

Tgt Ion:128 Resp: 183529

Ion	Ratio	Lower	Upper
128	100		
129	10.7	9.5	14.3
127	12.9	10.8	16.2

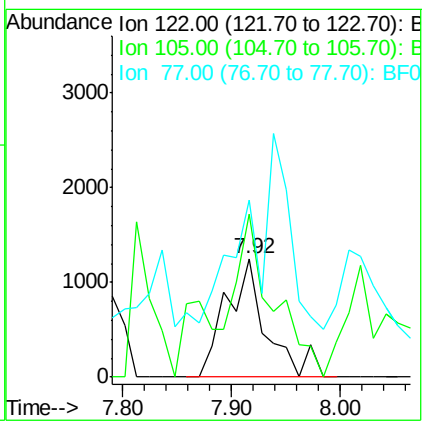


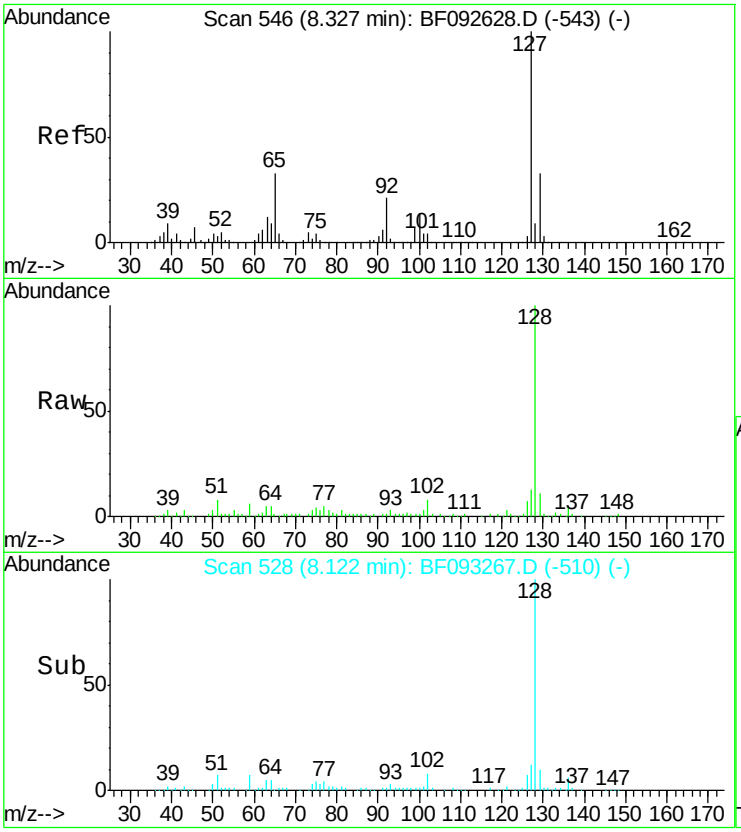


#32
Benzoic acid
Concen: 7.83 ng
RT: 7.92 min Scan# 510
Delta R.T. -0.01 min
Lab File: BF093267.D
Acq: 1 Mar 2017 2:14

Tgt Ion:122 Resp: 3194

Ion	Ratio	Lower	Upper
122	100		
105	137.3	107.2	147.2
77	149.1	74.5	114.5#



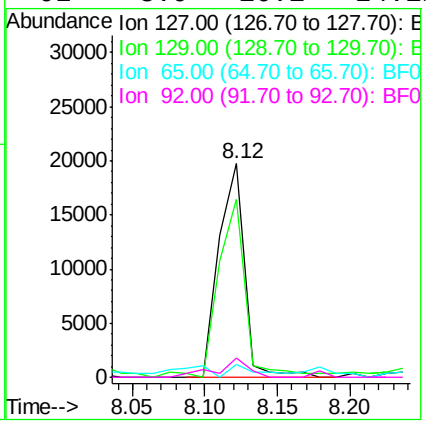


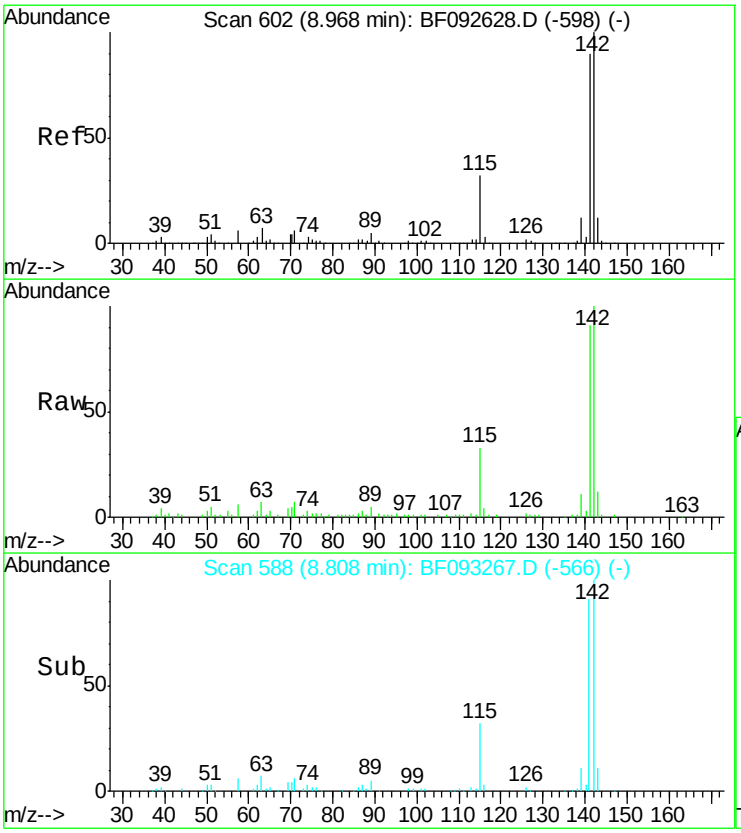
#33
4-Chloroaniline
Concen: 2.61 ng
RT: 8.12 min Scan# 528
Delta R.T. -0.09 min
Lab File: BF093267.D
Acq: 1 Mar 2017 2:14

Instrument :
BNA_F
ClientSampleId :
E2-W7-BASEDL

Tgt Ion:127 Resp: 24235

Ion	Ratio	Lower	Upper
127	100		
129	83.1	26.3	39.5#
65	5.8	25.8	38.8#
92	8.9	16.1	24.1#

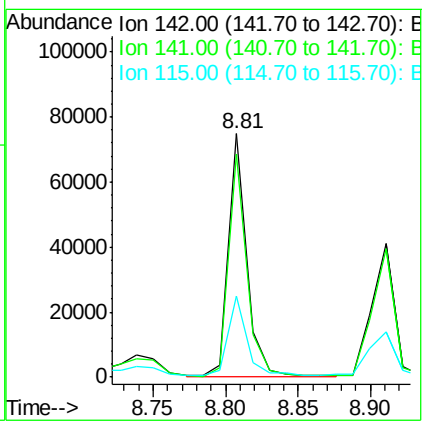


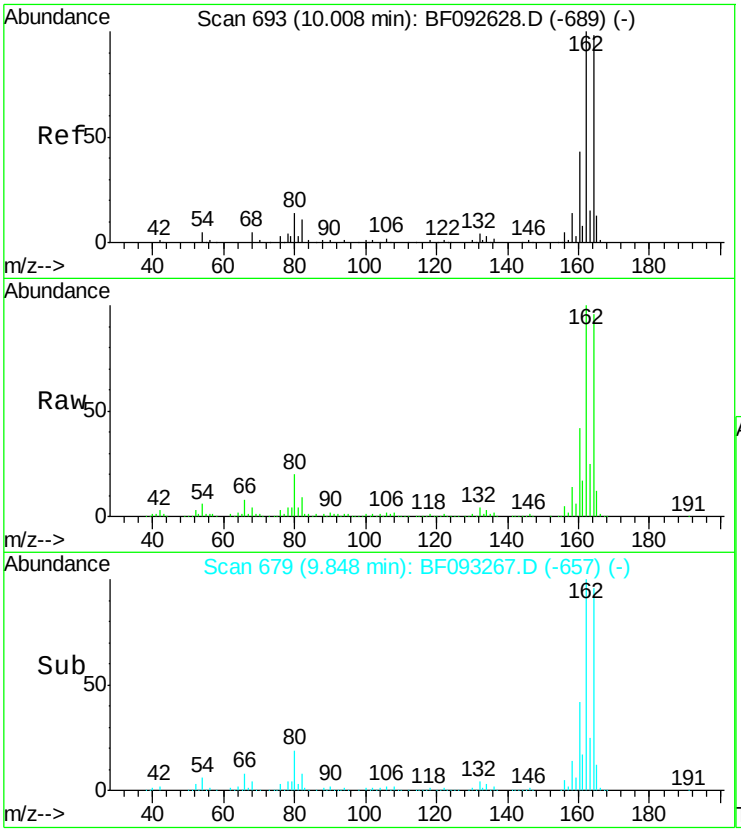


#37
2-Methylnaphthalene
Concen: 4.32 ng
RT: 8.81 min Scan# 588
Delta R.T. -0.05 min
Lab File: BF093267.D
Acq: 1 Mar 2017 2:14

Tgt Ion:142 Resp: 65628

Ion	Ratio	Lower	Upper
142	100		
141	91.4	71.0	106.6
115	33.1	28.3	42.5



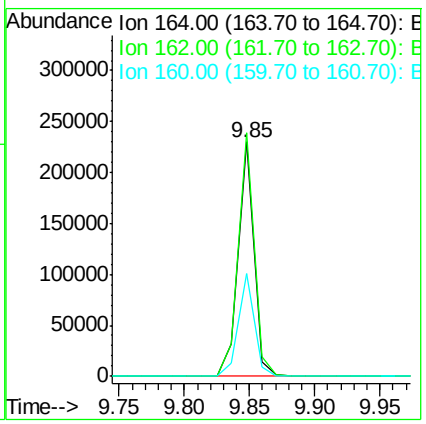


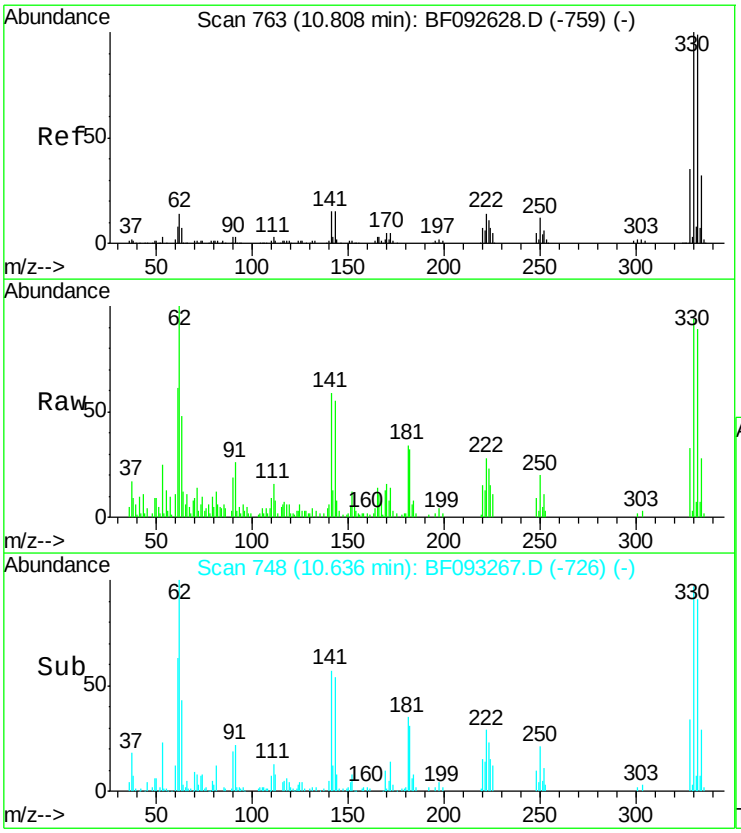
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.85 min Scan# 679
Delta R.T. -0.05 min
Lab File: BF093267.D
Acq: 1 Mar 2017 2:14

Instrument :
BNA_F
ClientSampleId :
E2-W7-BASEDL

Tgt Ion:164 Resp: 190833

Ion	Ratio	Lower	Upper
164	100		
162	104.0	80.2	120.2
160	43.7	36.9	55.3

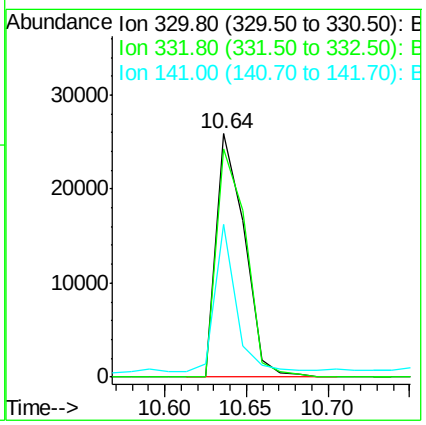


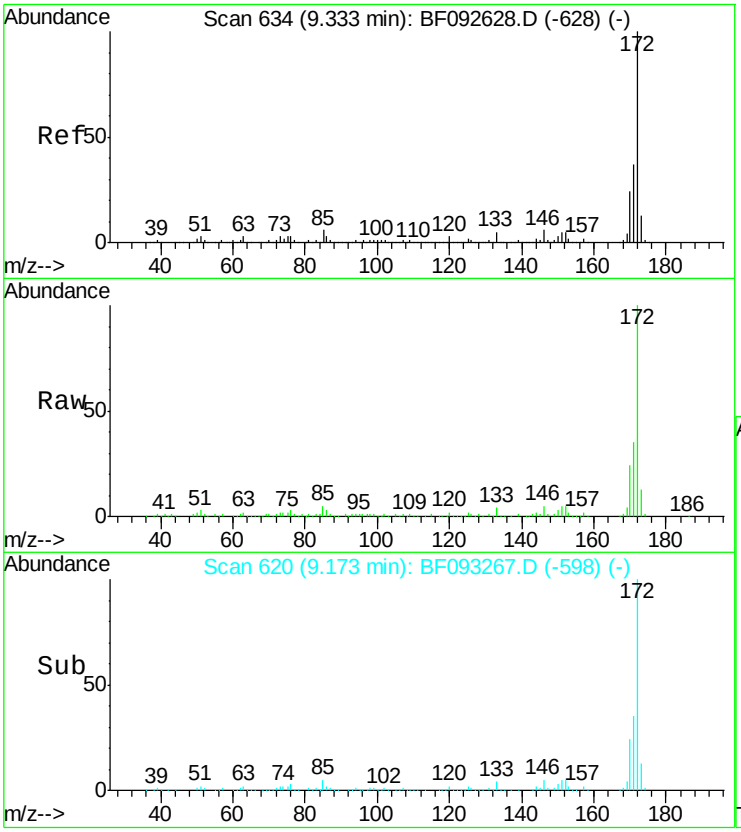


#41
2,4,6-Tribromophenol
Concen: 22.47 ng
RT: 10.64 min Scan# 748
Delta R.T. -0.05 min
Lab File: BF093267.D
Acq: 1 Mar 2017 2:14

Tgt Ion:330 Resp: 31019

Ion	Ratio	Lower	Upper
330	100		
332	98.4	77.4	116.2
141	47.2	34.1	51.1



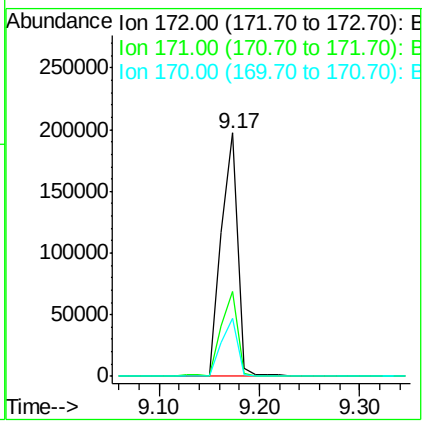


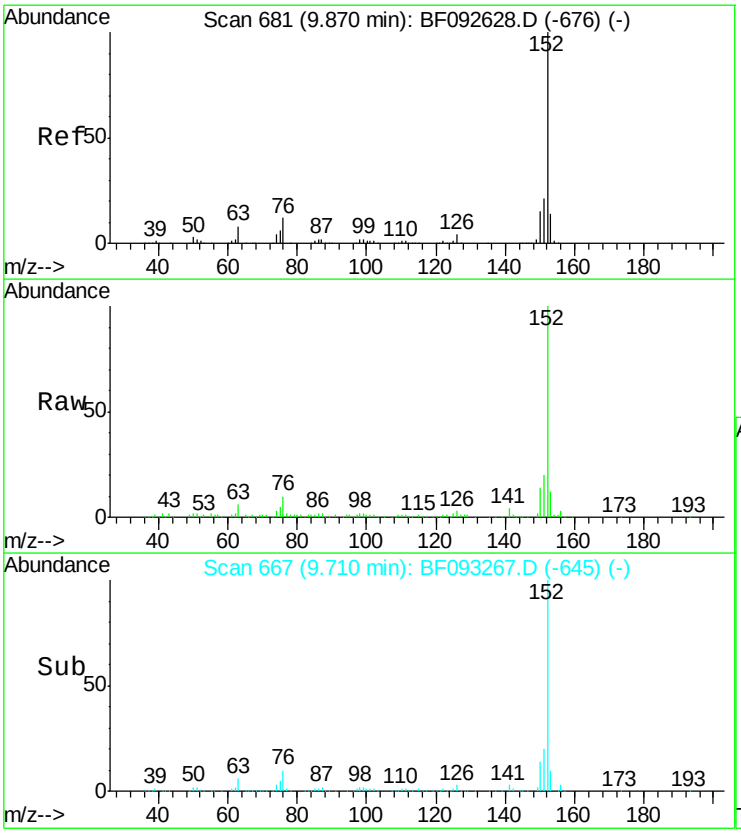
#44
2-Fluorobiphenyl
Concen: 21.24 ng
RT: 9.17 min Scan# 620
Delta R.T. -0.05 min
Lab File: BF093267.D
Acq: 1 Mar 2017 2:14

Instrument :
BNA_F
ClientSampleId :
E2-W7-BASEDL

Tgt Ion:172 Resp: 223782

Ion	Ratio	Lower	Upper
172	100		
171	35.1	29.4	44.0
170	23.9	20.2	30.4

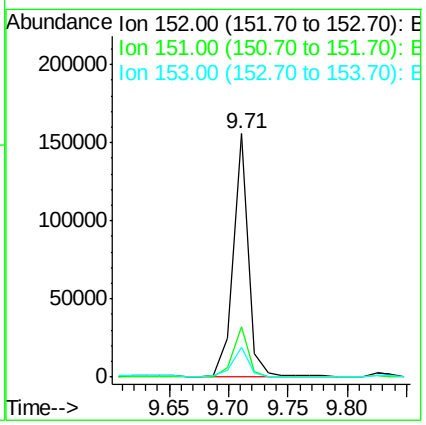


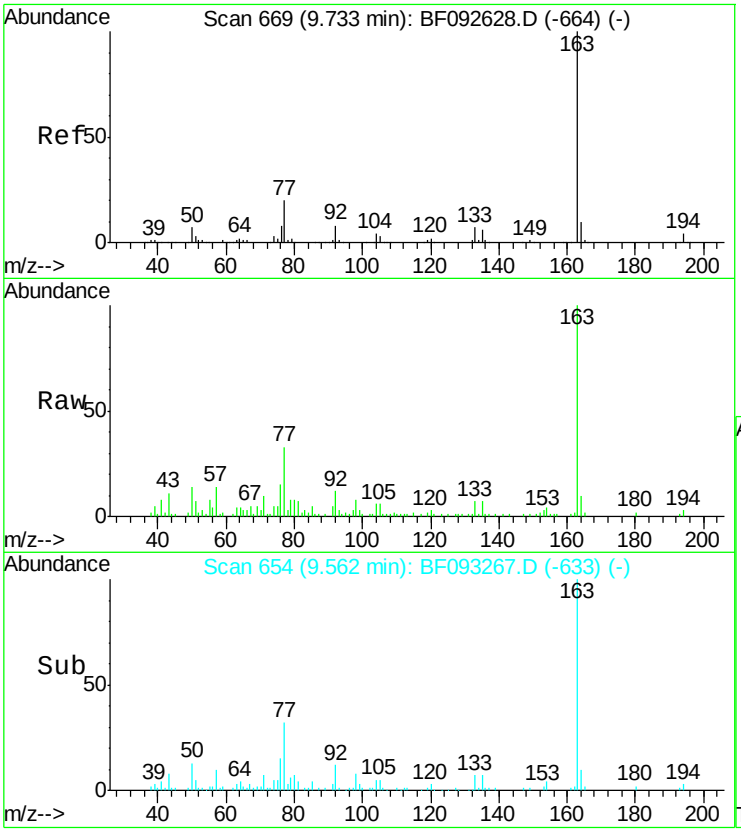


#48
Acenaphthylene
Concen: 7.49 ng
RT: 9.71 min Scan# 667
Delta R.T. -0.05 min
Lab File: BF093267.D
Acq: 1 Mar 2017 2:14

Tgt Ion:152 Resp: 139912

Ion	Ratio	Lower	Upper
152	100		
151	20.4	16.9	25.3
153	12.2	11.4	17.2



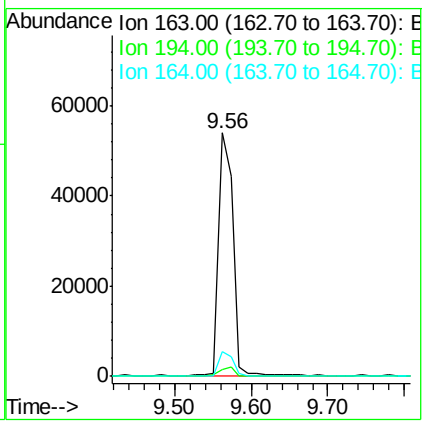


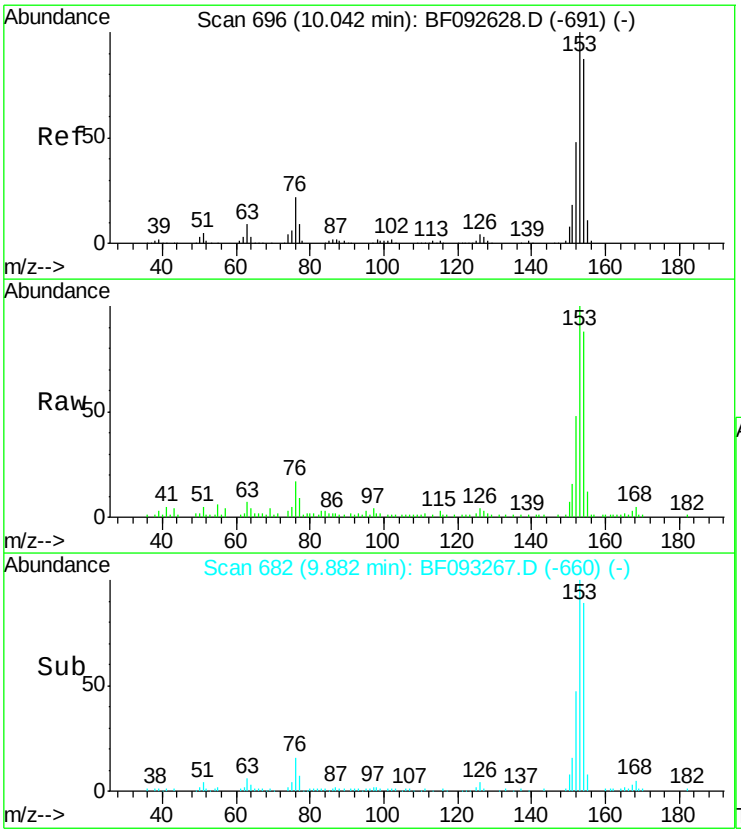
#49
Dimethylphthalate
Concen: 5.64 ng
RT: 9.56 min Scan# 654
Delta R.T. -0.06 min
Lab File: BF093267.D
Acq: 1 Mar 2017 2:14

Instrument :
BNA_F
ClientSampleId :
E2-W7-BASEDL

Tgt Ion:163 Resp: 72473

Ion	Ratio	Lower	Upper
163	100		
194	2.9	3.0	4.4#
164	10.4	8.0	12.0

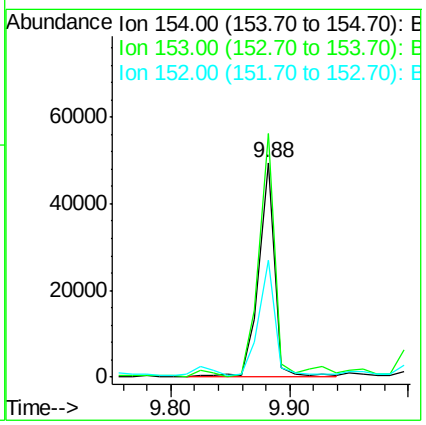


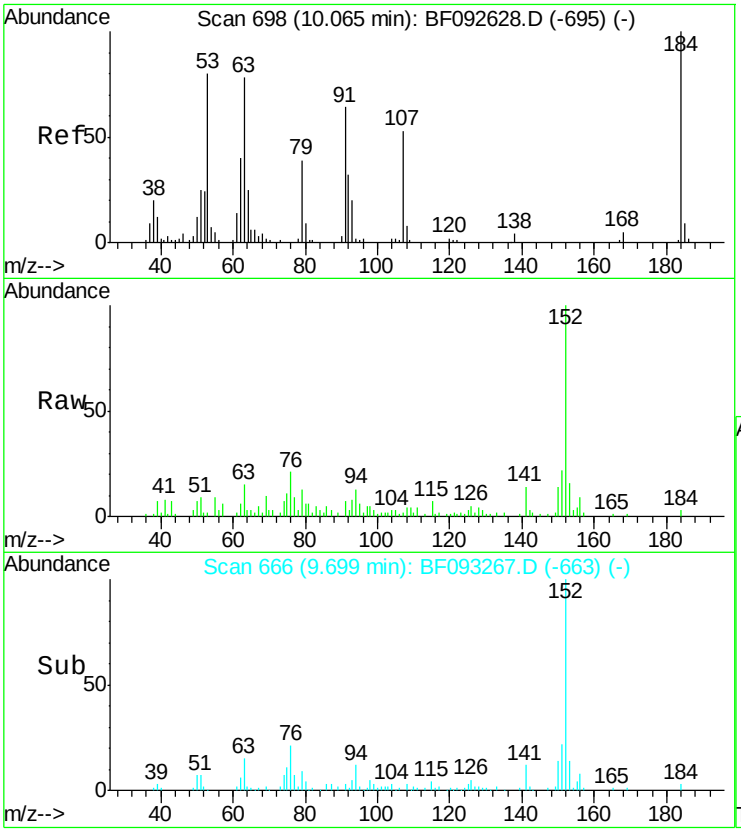


#51
Acenaphthene
Concen: 4.24 ng
RT: 9.88 min Scan# 682
Delta R.T. -0.05 min
Lab File: BF093267.D
Acq: 1 Mar 2017 2:14

Tgt Ion:154 Resp: 47308

Ion	Ratio	Lower	Upper
154	100		
153	113.7	88.6	133.0
152	54.5	41.6	62.4



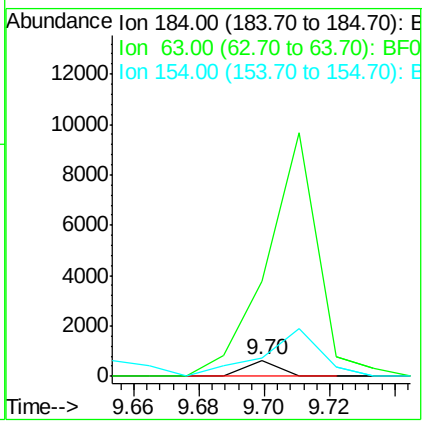


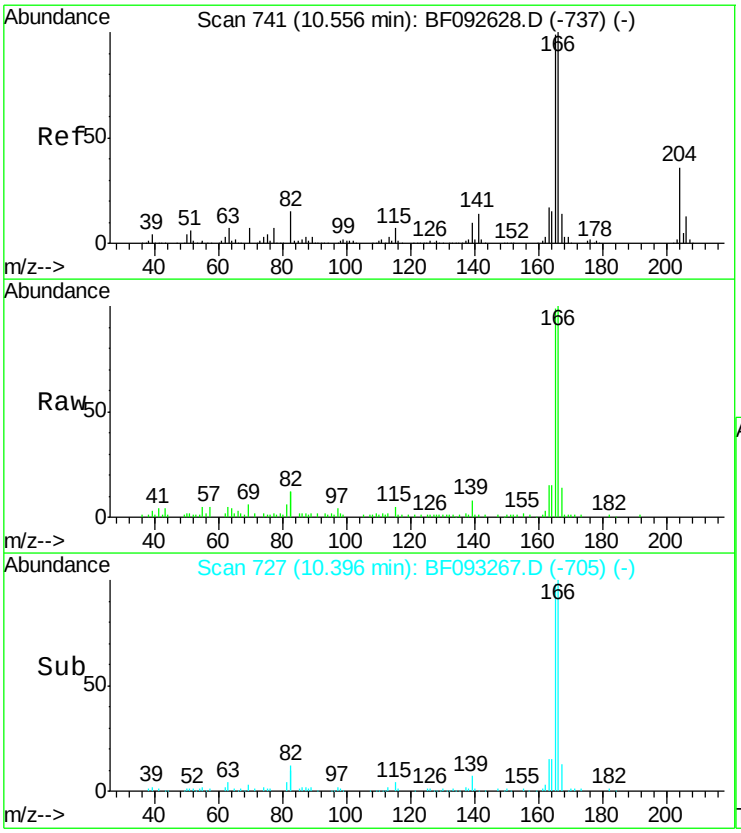
#53
2,4-Dinitrophenol
Concen: 5.03 ng
RT: 9.70 min Scan# 666
Delta R.T. -0.26 min
Lab File: BF093267.D
Acq: 1 Mar 2017 2:14

Instrument :
BNA_F
ClientSampleId :
E2-W7-BASEDL

Tgt Ion:184 Resp: 439

Ion	Ratio	Lower	Upper
184	100		
63	590.9	28.4	42.6#
154	116.1	44.3	66.5#

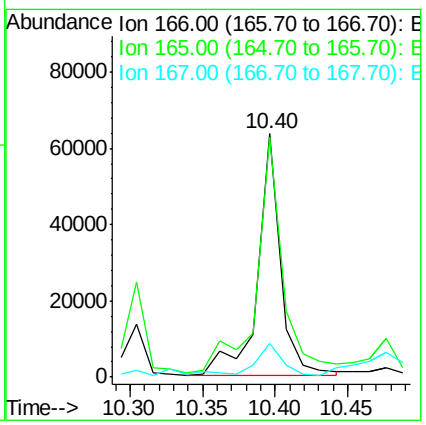


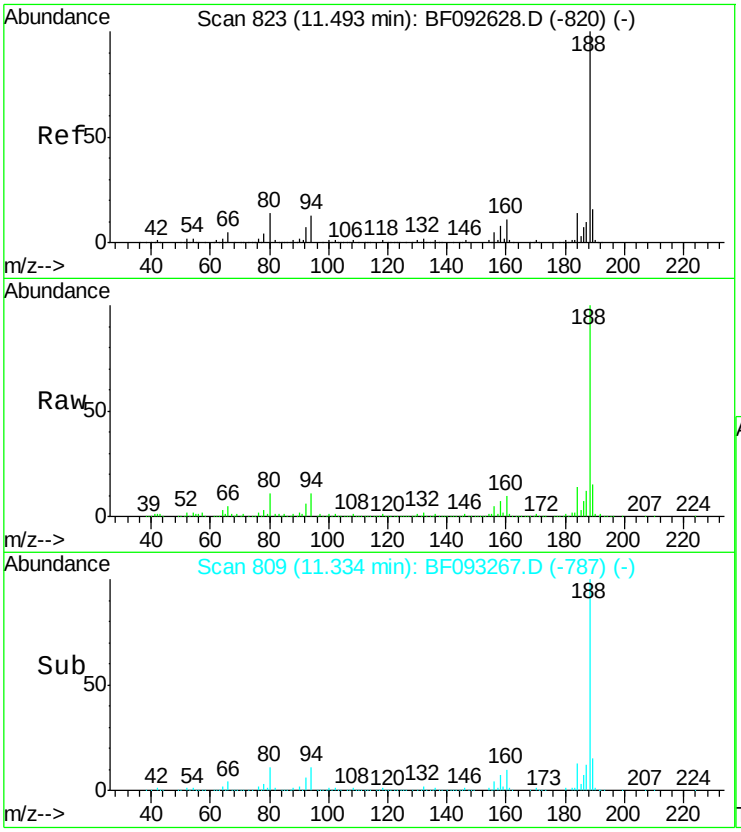


#57
Fluorene
Concen: 6.12 ng
RT: 10.40 min Scan# 727
Delta R.T. -0.05 min
Lab File: BF093267.D
Acq: 1 Mar 2017 2:14

Tgt Ion:166 Resp: 70298

Ion	Ratio	Lower	Upper
166	100		
165	98.6	77.8	116.8
167	13.8	10.8	16.2



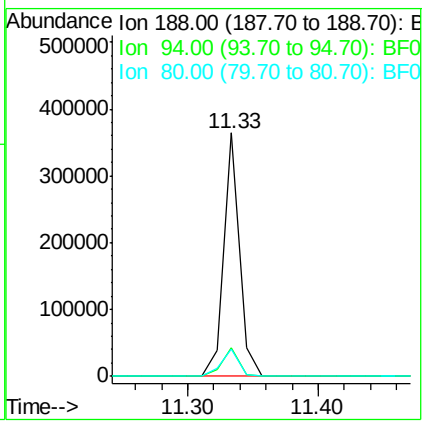


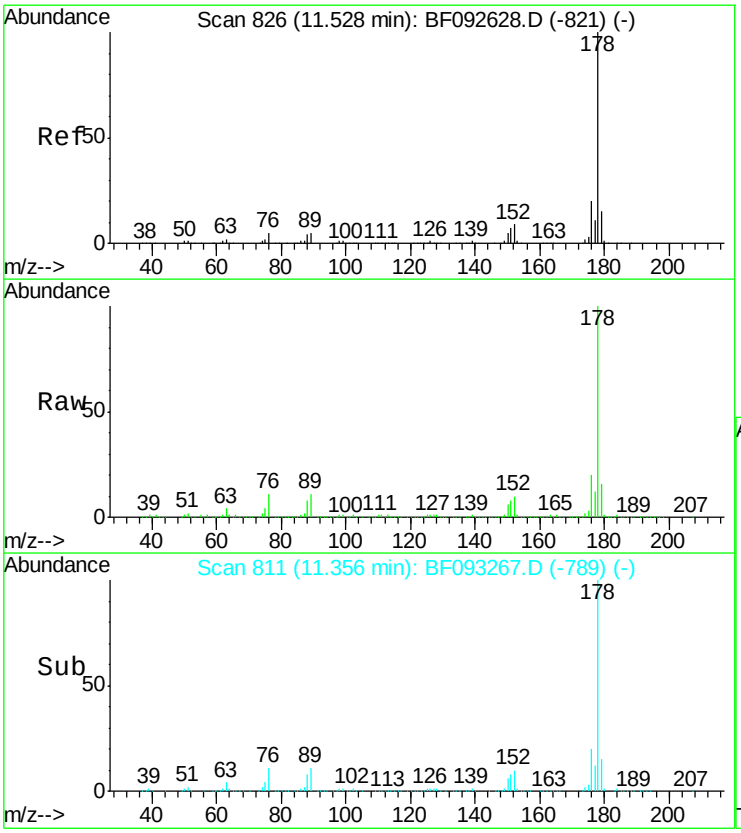
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.33 min Scan# 809
Delta R.T. -0.05 min
Lab File: BF093267.D
Acq: 1 Mar 2017 2:14

Instrument :
BNA_F
ClientSampleId :
E2-W7-BASEDL

Tgt Ion:188 Resp: 309759

Ion	Ratio	Lower	Upper
188	100		
94	11.5	10.0	15.0
80	11.2	11.2	16.8#

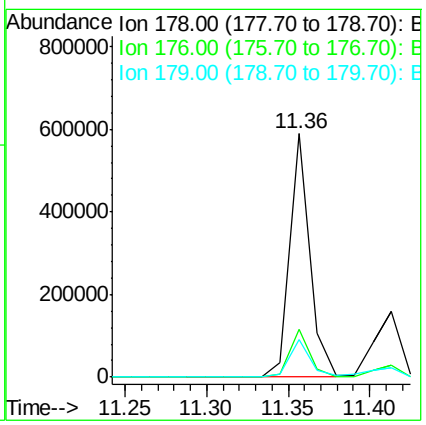


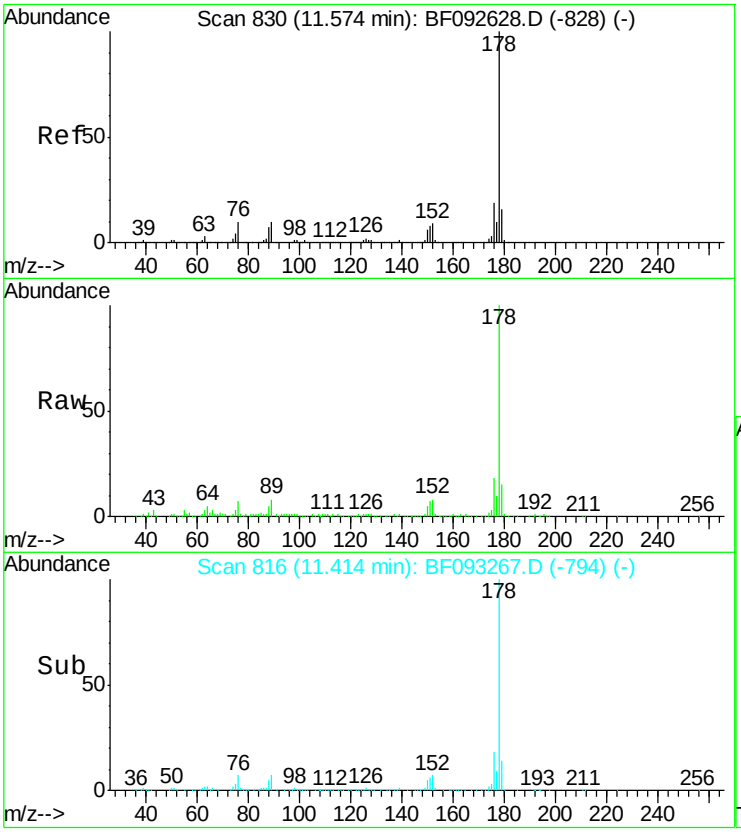


#70
Phenanthrene
Concen: 28.39 ng
RT: 11.36 min Scan# 811
Delta R.T. -0.05 min
Lab File: BF093267.D
Acq: 1 Mar 2017 2:14

Tgt Ion:178 Resp: 503781

Ion	Ratio	Lower	Upper
178	100		
176	19.7	16.6	25.0
179	15.6	12.8	19.2



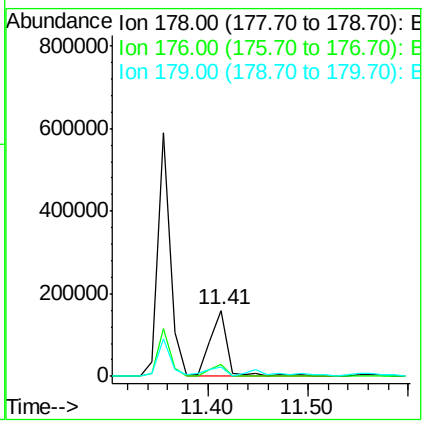


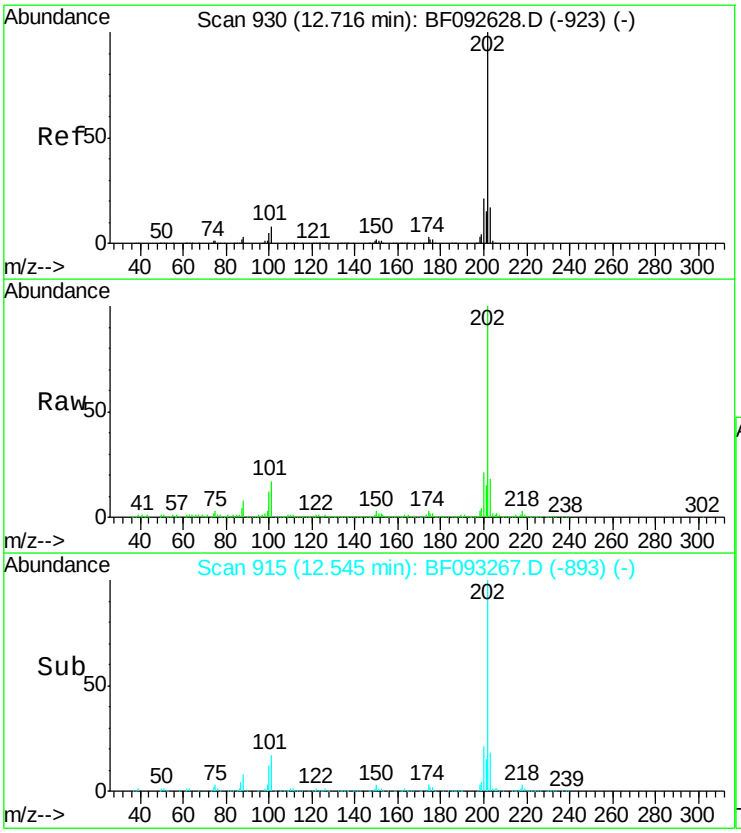
#71
Anthracene
Concen: 10.40 ng
RT: 11.41 min Scan# 816
Delta R.T. -0.05 min
Lab File: BF093267.D
Acq: 1 Mar 2017 2:14

Instrument :
BNA_F
ClientSampleId :
E2-W7-BASEDL

Tgt Ion:178 Resp: 185313

Ion	Ratio	Lower	Upper
178	100		
176	17.8	15.9	23.9
179	14.8	13.2	19.8

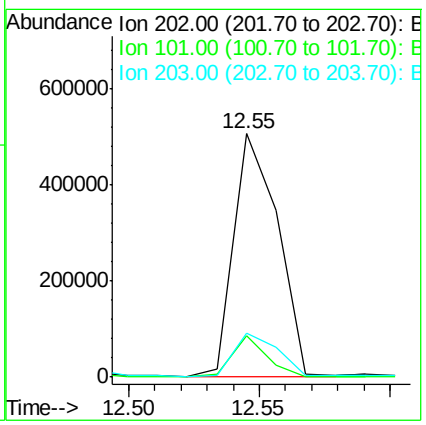


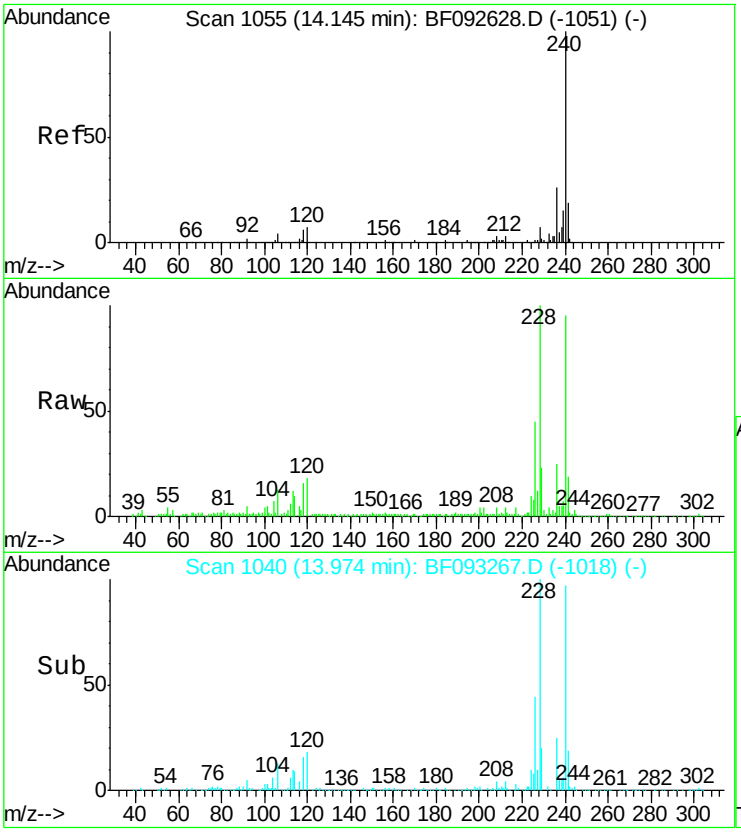


#74
Fluoranthene
Concen: 32.68 ng
RT: 12.55 min Scan# 915
Delta R.T. -0.05 min
Lab File: BF093267.D
Acq: 1 Mar 2017 2:14

Tgt Ion:202 Resp: 598150

Ion	Ratio	Lower	Upper
202	100		
101	17.1	0.0	34.6
203	18.1	0.0	38.7



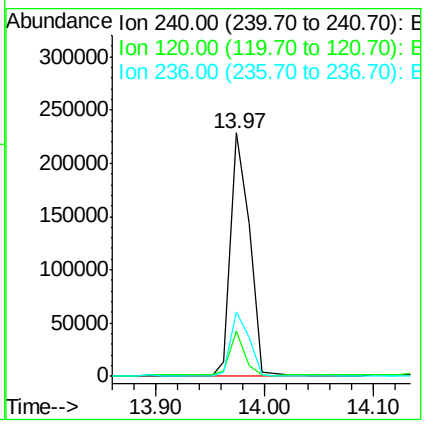


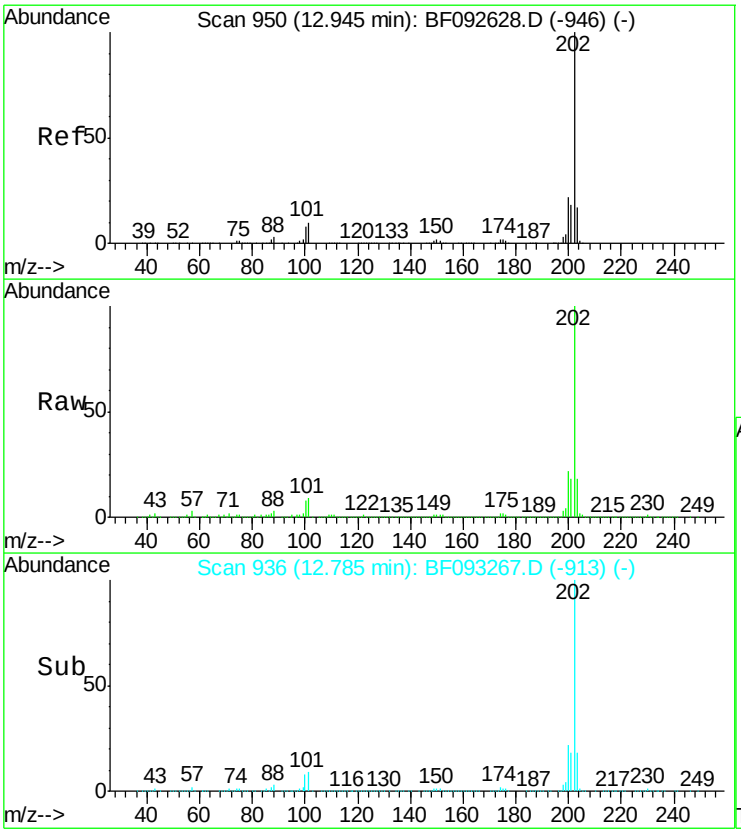
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.97 min Scan# 1040
Delta R.T. -0.05 min
Lab File: BF093267.D
Acq: 1 Mar 2017 2:14

Instrument :
BNA_F
ClientSampleId :
E2-W7-BASEDL

Tgt Ion:240 Resp: 268744

Ion	Ratio	Lower	Upper
240	100		
120	18.6	12.9	19.3
236	26.7	20.9	31.3

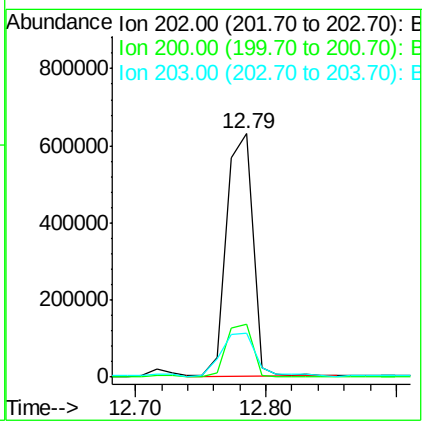


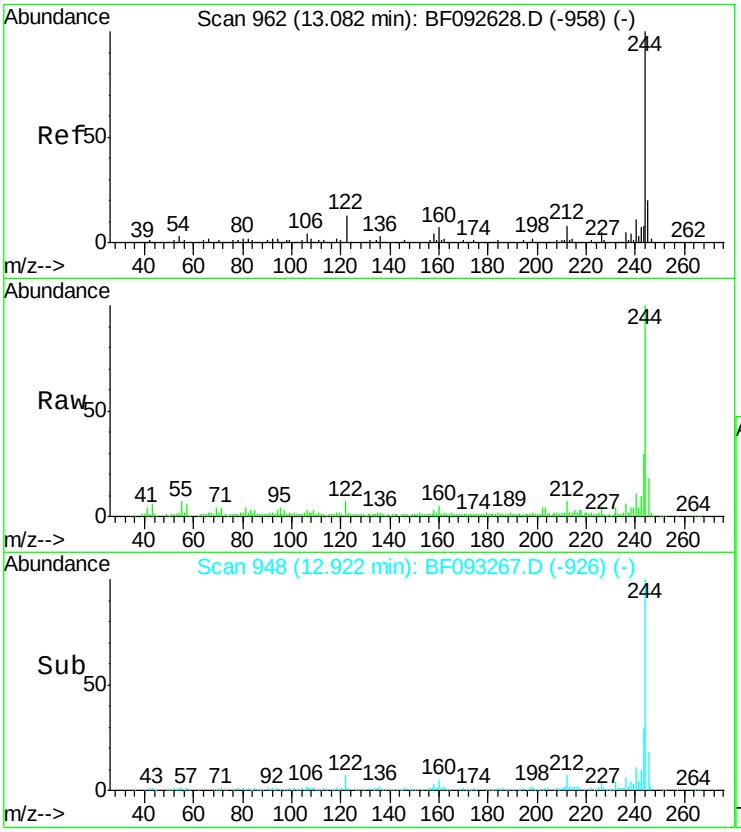


#77
Pyrene
Concen: 43.64 ng
RT: 12.79 min Scan# 936
Delta R.T. -0.03 min
Lab File: BF093267.D
Acq: 1 Mar 2017 2:14

Tgt Ion:202 Resp: 877768

Ion	Ratio	Lower	Upper
202	100		
200	21.7	17.7	26.5
203	17.9	14.7	22.1



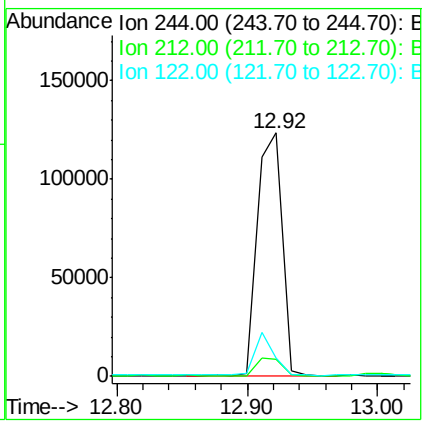


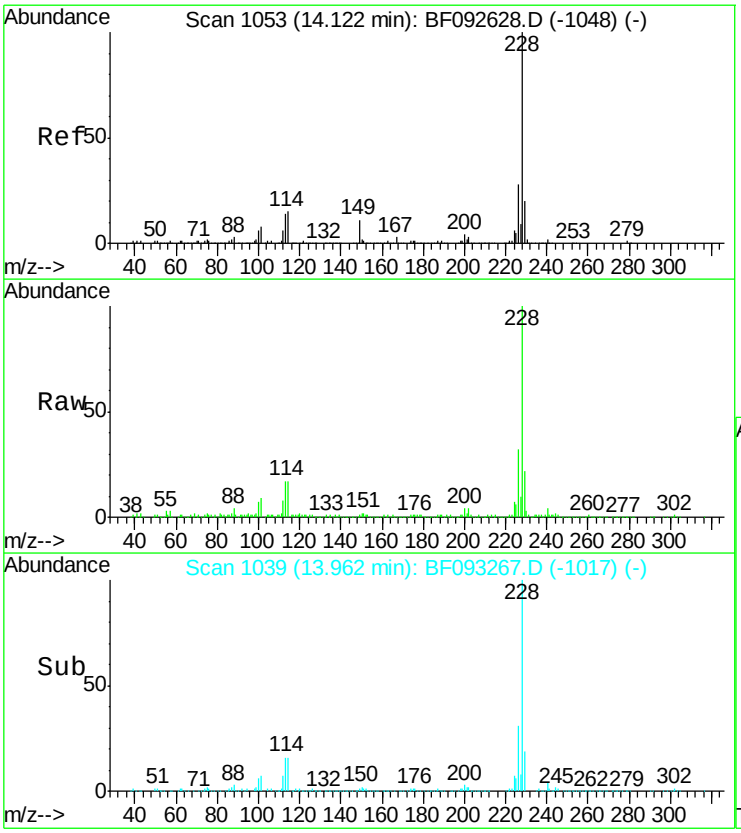
#78
Terphenyl-d14
Concen: 14.51 ng
RT: 12.92 min Scan# 948
Delta R.T. -0.05 min
Lab File: BF093267.D
Acq: 1 Mar 2017 2:14

Instrument :
BNA_F
ClientSampleId :
E2-W7-BASEDL

Tgt Ion:244 Resp: 165933

Ion	Ratio	Lower	Upper
244	100		
212	6.9	6.2	9.2
122	7.5	11.4	17.2#

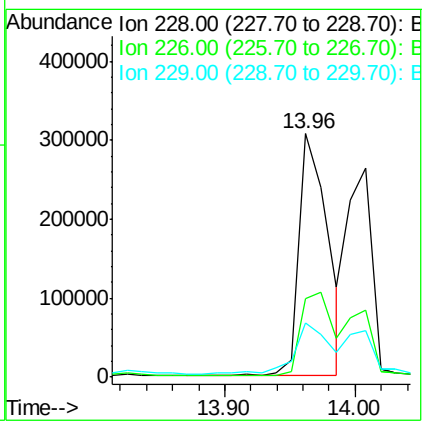


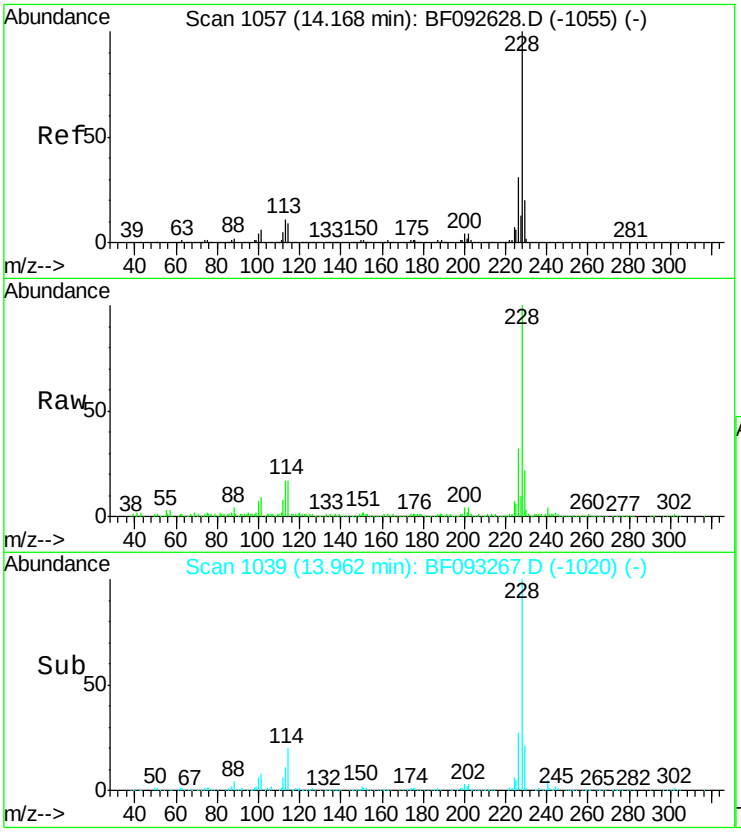


#80
Benzo(a)anthracene
Concen: 28.63 ng
RT: 13.96 min Scan# 1039
Delta R.T. -0.05 min
Lab File: BF093267.D
Acq: 1 Mar 2017 2:14

Tgt Ion:228 Resp: 470582

Ion	Ratio	Lower	Upper
228	100		
226	32.1	22.4	33.6
229	22.0	16.2	24.4



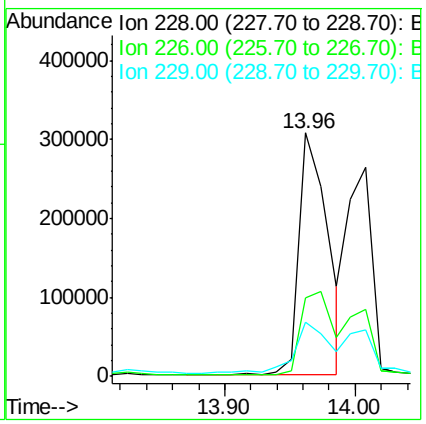


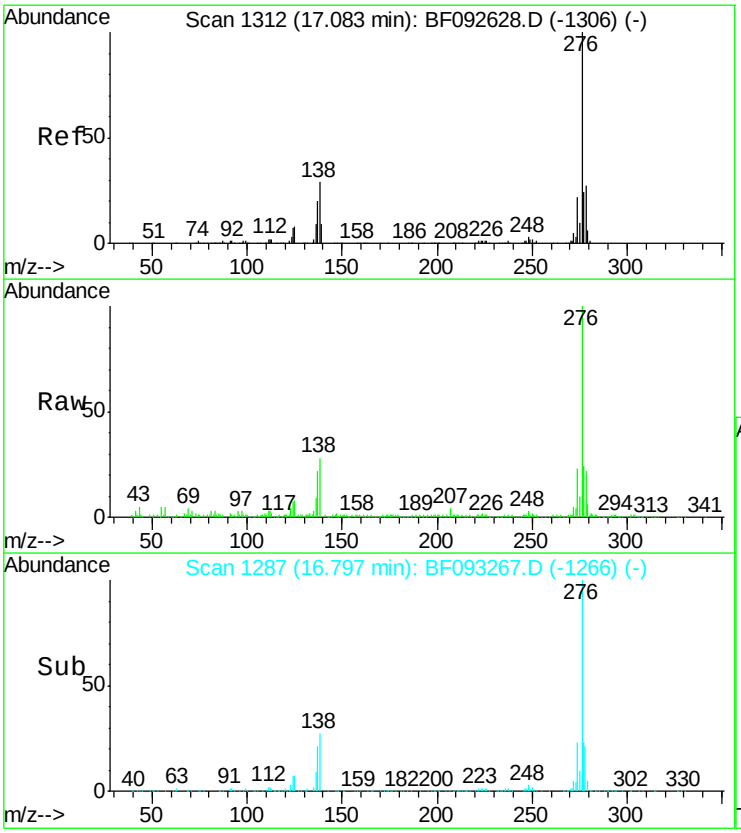
#82
Chrysene
Concen: 30.58 ng
RT: 13.96 min Scan# 1039
Delta R.T. -0.08 min
Lab File: BF093267.D
Acq: 1 Mar 2017 2:14

Instrument :
BNA_F
ClientSampleId :
E2-W7-BASEDL

Tgt Ion:228 Resp: 470582

Ion	Ratio	Lower	Upper
228	100		
226	32.1	25.4	38.0
229	22.0	16.2	24.2

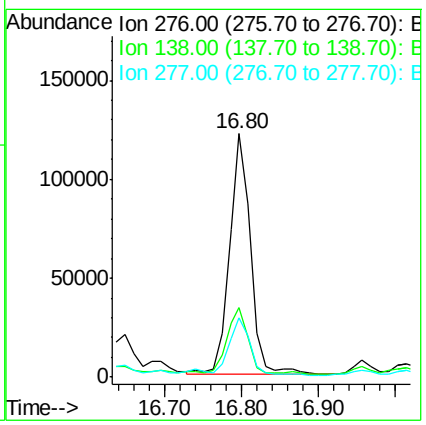


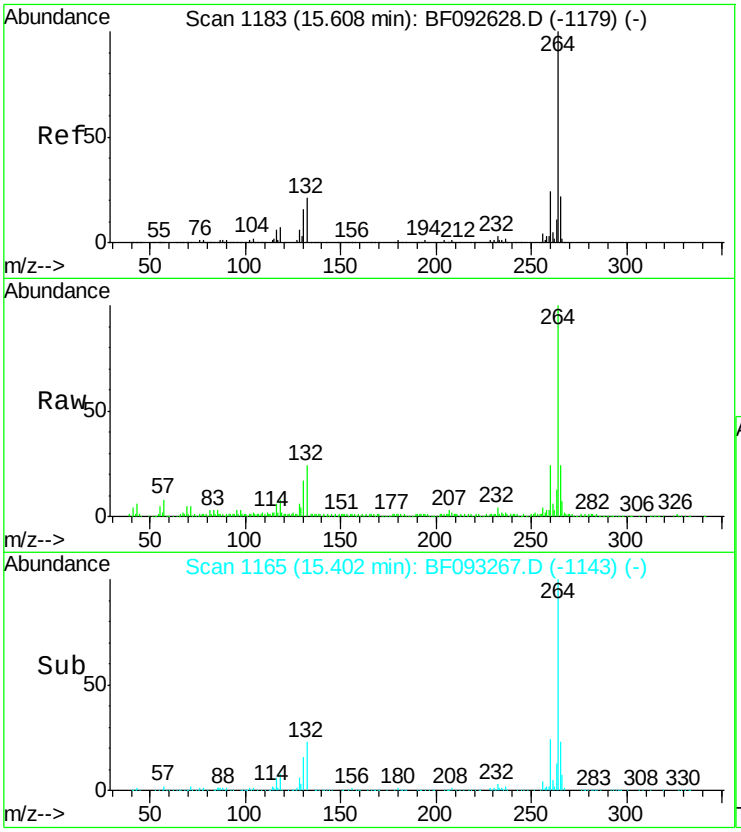


#85
Indeno(1,2,3-cd)pyrene
Concen: 19.69 ng
RT: 16.80 min Scan# 1287
Delta R.T. -0.06 min
Lab File: BF093267.D
Acq: 1 Mar 2017 2:14

Tgt Ion:276 Resp: 234735

Ion	Ratio	Lower	Upper
276	100		
138	29.1	21.8	32.6
277	23.8	20.2	30.4



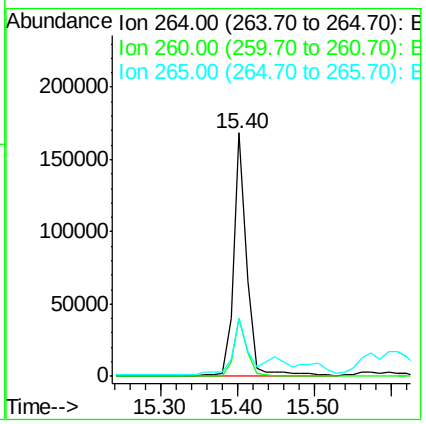


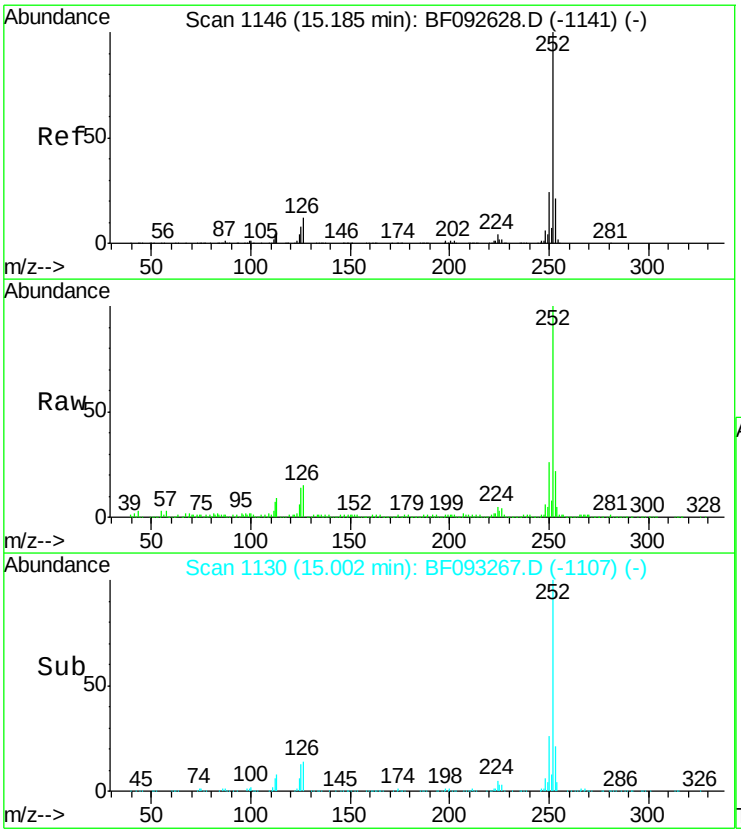
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.40 min Scan# 1165
Delta R.T. -0.05 min
Lab File: BF093267.D
Acq: 1 Mar 2017 2:14

Instrument :
BNA_F
ClientSampleId :
E2-W7-BASEDL

Tgt Ion:264 Resp: 202918

Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.2	28.8
265	23.7	17.4	26.0

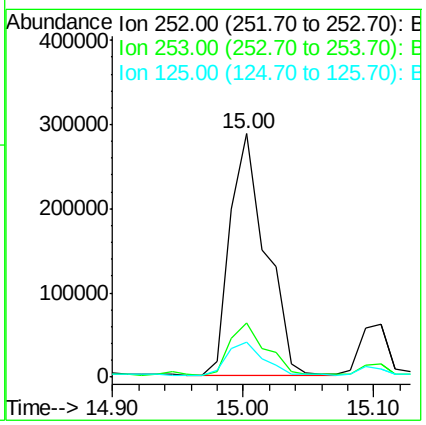


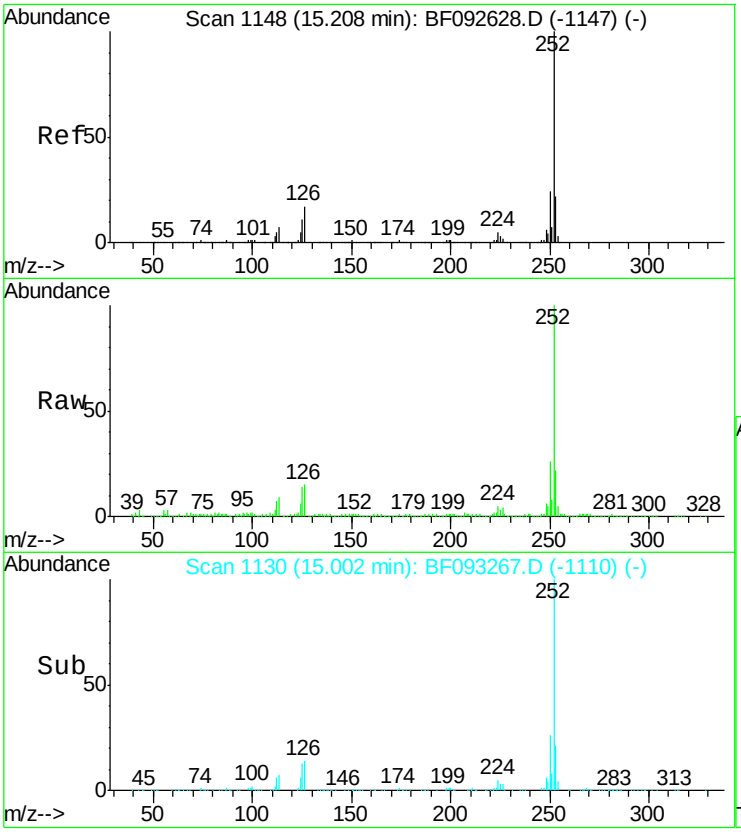


#87
Benzo(b)fluoranthene
Concen: 41.04 ng
RT: 15.00 min Scan# 1130
Delta R.T. -0.03 min
Lab File: BF093267.D
Acq: 1 Mar 2017 2:14

Tgt Ion:252 Resp: 548178

Ion	Ratio	Lower	Upper
252	100		
253	22.0	18.2	27.4
125	14.3	9.8	14.6



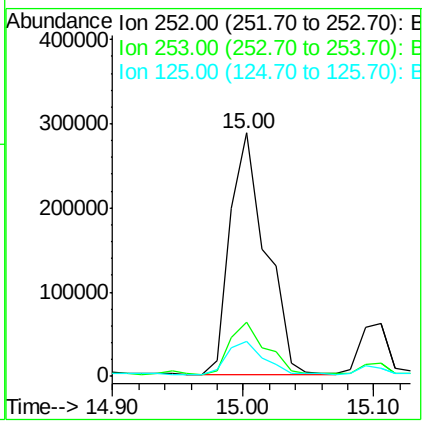


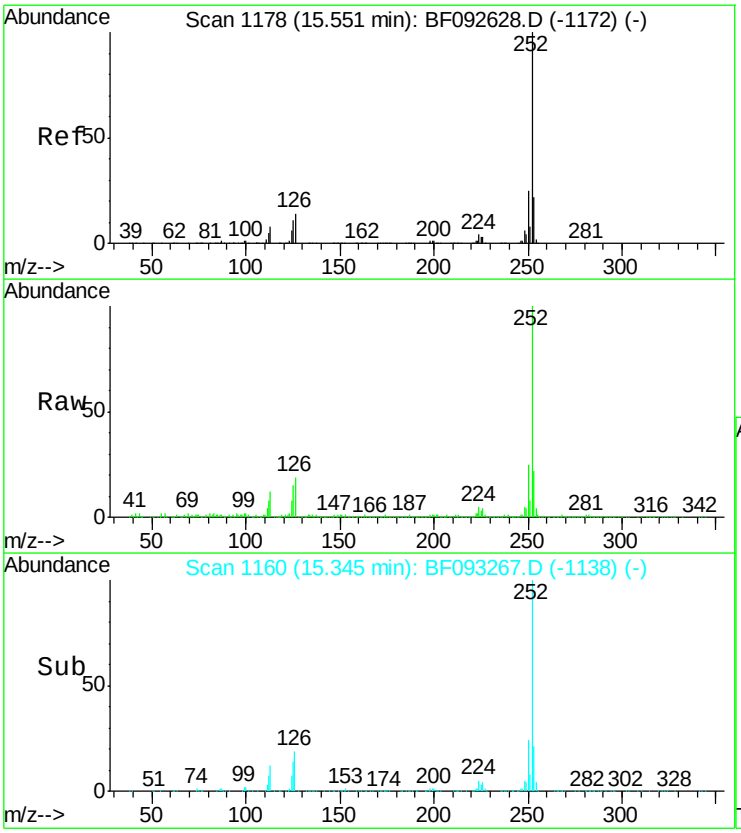
#88
Benzo(k)fluoranthene
Concen: 47.54 ng
RT: 15.00 min Scan# 1130
Delta R.T. -0.07 min
Lab File: BF093267.D
Acq: 1 Mar 2017 2:14

Instrument :
BNA_F
ClientSampleId :
E2-W7-BASEDL

Tgt Ion:252 Resp: 548178

Ion	Ratio	Lower	Upper
252	100		
253	22.0	18.5	27.7
125	14.3	8.9	13.3#

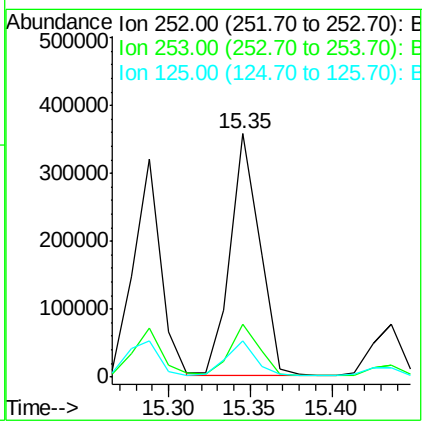


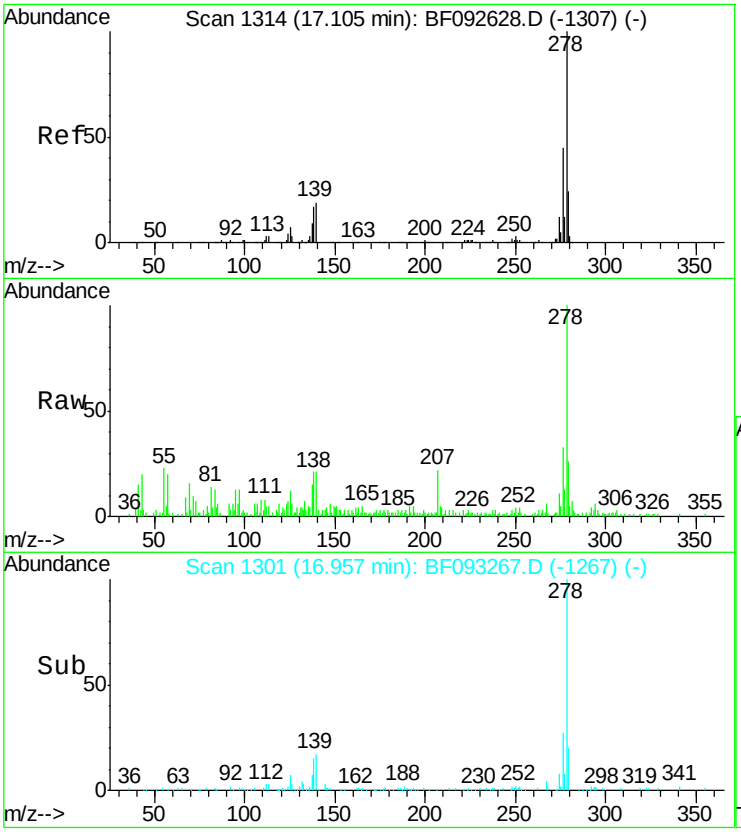


#89
Benzo(a)pyrene
Concen: 38.35 ng
RT: 15.35 min Scan# 1160
Delta R.T. -0.05 min
Lab File: BF093267.D
Acq: 1 Mar 2017 2:14

Tgt Ion:252 Resp: 443003

Ion	Ratio	Lower	Upper
252	100		
253	21.9	18.2	27.2
125	15.0	10.0	15.0



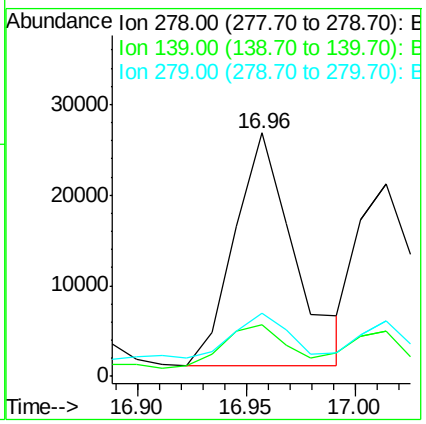


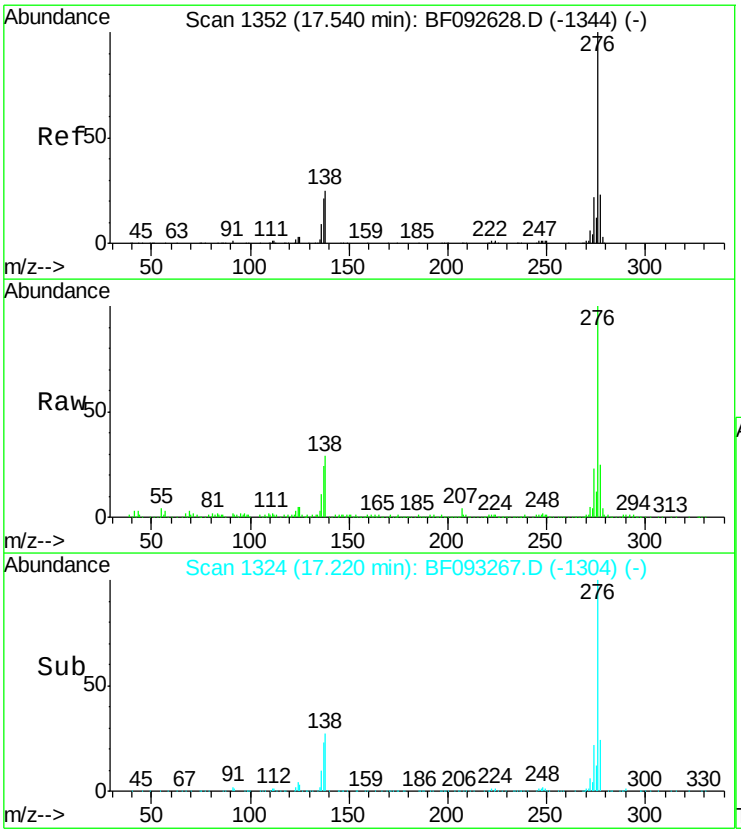
#90
Dibenzo(a,h)anthracene
Concen: 5.24 ng
RT: 16.96 min Scan# 1301
Delta R.T. 0.09 min
Lab File: BF093267.D
Acq: 1 Mar 2017 2:14

Instrument :
BNA_F
ClientSampleId :
E2-W7-BASEDL

Tgt Ion:278 Resp: 48969

Ion	Ratio	Lower	Upper
278	100		
139	21.4	14.8	22.2
279	26.1	19.8	29.6





#91
Benzo(g,h,i)perylene
Concen: 33.74 ng
RT: 17.22 min Scan# 1324
Delta R.T. -0.07 min
Lab File: BF093267.D
Acq: 1 Mar 2017 2:14

Tgt Ion:276 Resp: 318248

Ion	Ratio	Lower	Upper
276	100		
277	24.8	19.2	28.8
138	29.0	16.0	24.0#