Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080217\
Data File : BF097316.D
Acq On : 3 Aug 2017 12:53
Operator : SJ/JU
Sample : I4527-05
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Aug 03 13:23:12 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 03 12:06:13 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.45	152	113583	20.00	ng		0.00
21) Naphthalene-d8	7.73	136	444416	20.00	ng		0.00
38) Acenaphthene-d10	9.47	164	207983	20.00	ng		0.00
63) Phenanthrene-d10	10.95	188	311343	20.00	ng		0.00
75) Chrysene-d12	13.57	240	208469	20.00	ng		-0.01
86) Perylene-d12	14.91	264	176343	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.05	112	701244	93.07	ng		0.00
7) Phenol-d6	6.12	99	793921	92.30	ng		0.00
23) Nitrobenzene-d5	7.02	82	469906	62.03	ng		0.00
41) 2,4,6-Tribromophenol	10.26	330	143579	87.37	ng		-0.01
44) 2-Fluorobiphenyl	8.81	172	764946	62.42	ng		0.00
78) Terphenyl-d14	12.53	244	485306	47.46	ng		0.00
Target Compounds							Qvalue
10) Phenol	6.13	94	37630	3.688	ng		98
25) Isophorone	7.02	82	469090	31.619	ng	#	68
49) Dimethylphthalate	9.21	163	182004	11.524	ng		100
66) 4-Bromophenyl-phenylether	10.26	248	9047	2.912	ng	#	1
70) Phenanthrene	10.97	178	142927	8.568	ng		99
71) Anthracene	11.02	178	44503	2.605	ng		99
74) Fluoranthene	12.15	202	181145	11.084	ng		98
77) Pyrene	12.37	202	168580	9.878	ng		99
80) Benzo(a)anthracene	13.56	228	67764	5.024	ng		98
82) Chrysene	13.60	228	63868	4.849	ng		96
87) Benzo(b)fluoranthene	14.56	252	86576	8.167	ng	#	96
88) Benzo(k)fluoranthene	14.56	252	86576	8.571	ng		99
89) Benzo(a)pyrene	14.86	252	48632	5.013	ng		96
91) Benzo(g,h,i)perylene	16.48	276	17622	2.112	ng		90

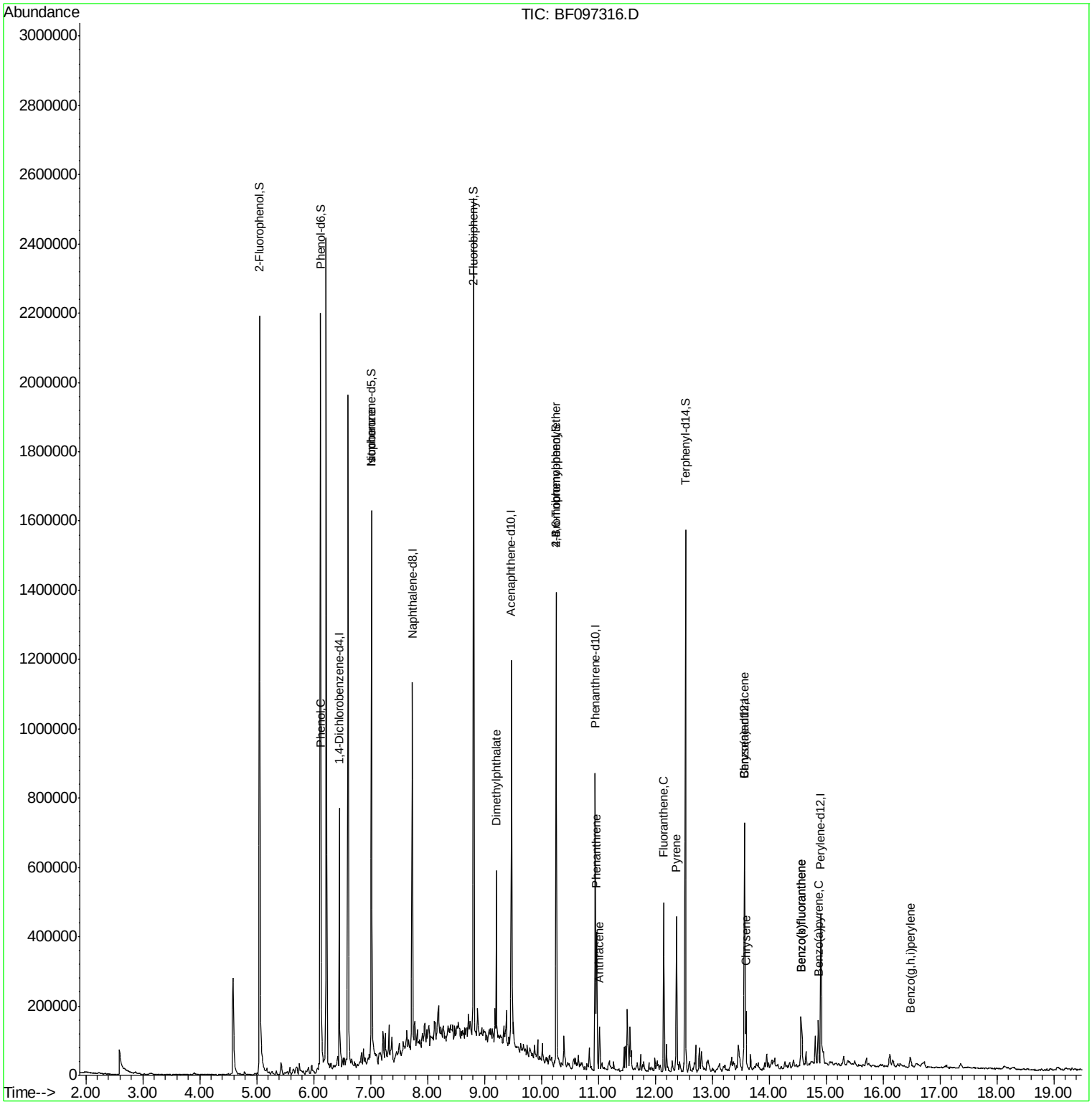
(#) = qualifier out of range (m) = manual integration (+) = signals summed

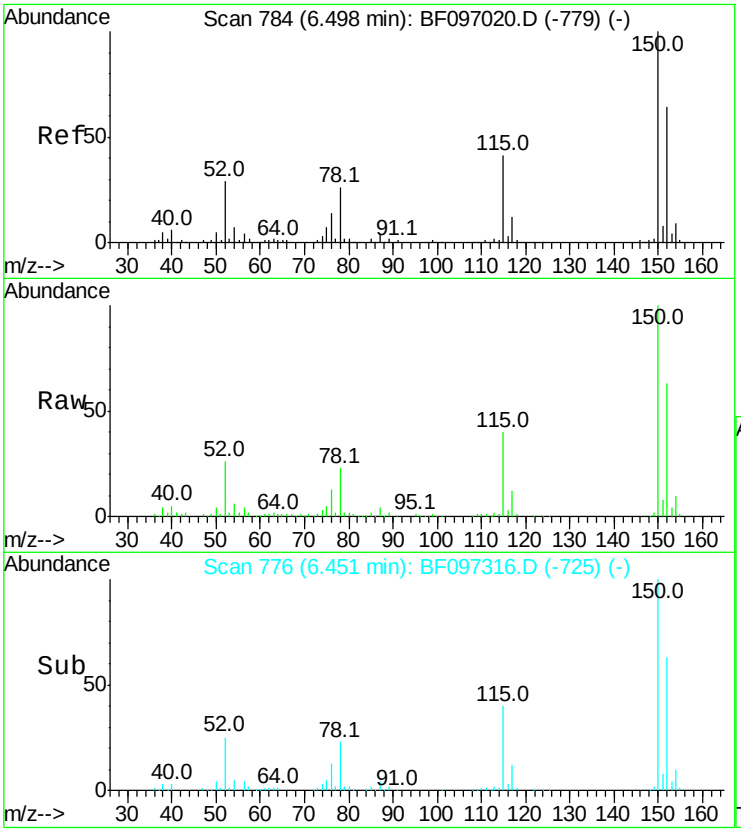
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080217\
Data File : BF097316.D
Acq On : 3 Aug 2017 12:53
Operator : SJ/JU
Sample : I4527-05
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Aug 03 13:23:12 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 03 12:06:13 2017
Response via : Initial Calibration



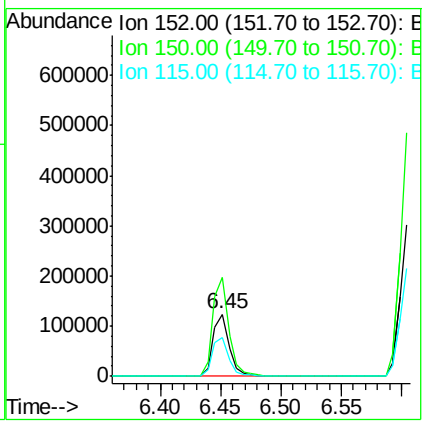


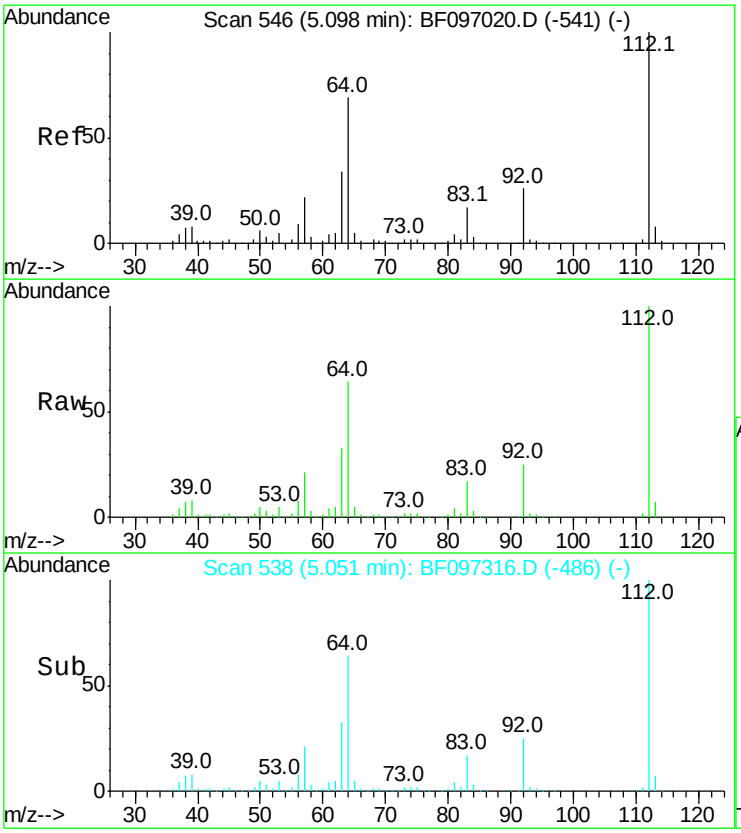
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.45 min Scan# 776
Delta R.T. 0.00 min
Lab File: BF097316.D
Acq: 3 Aug 2017 12:53

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 113583

Ion	Ratio	Lower	Upper
152	100		
150	158.9	126.2	189.2
115	62.9	52.2	78.2

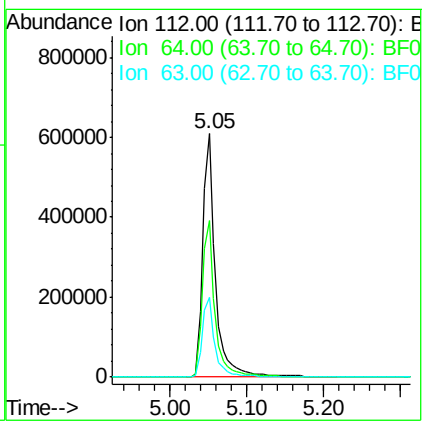


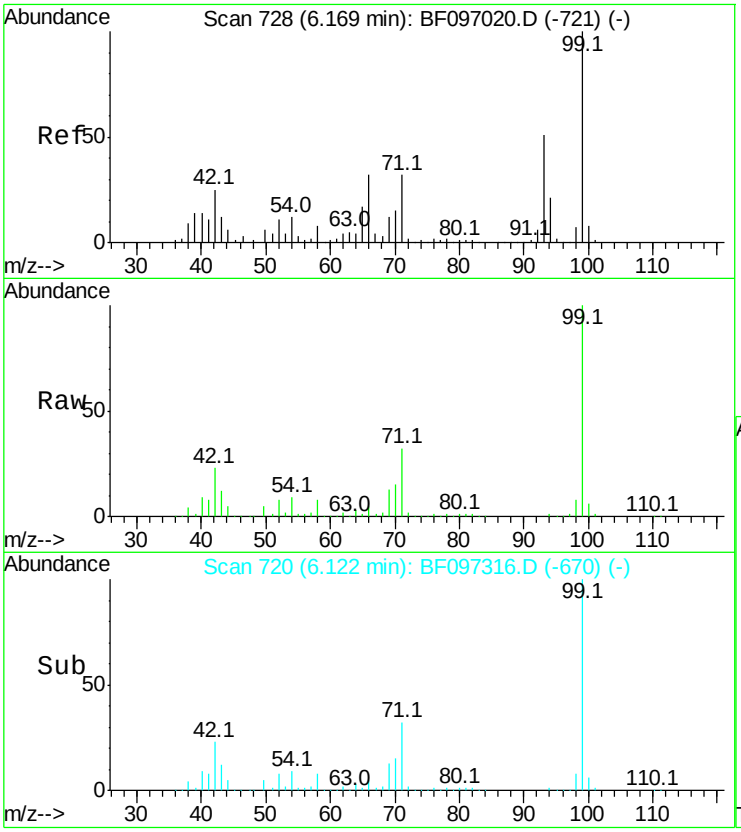


#5
2-Fluorophenol
Concen: 93.070 ng
RT: 5.05 min Scan# 538
Delta R.T. 0.01 min
Lab File: BF097316.D
Acq: 3 Aug 2017 12:53

Tgt Ion:112 Resp: 701244

Ion	Ratio	Lower	Upper
112	100		
64	64.1	46.0	69.0
63	32.5	23.4	35.0



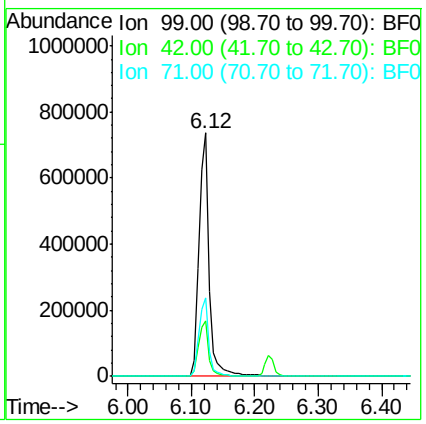


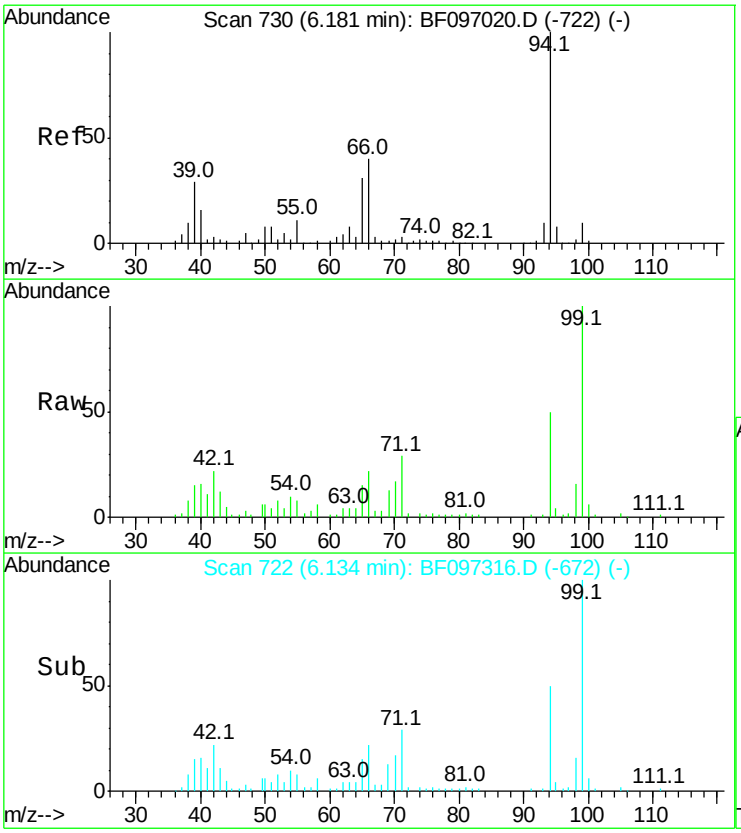
#7
Phenol-d6
Concen: 92.299 ng
RT: 6.12 min Scan# 720
Delta R.T. -0.01 min
Lab File: BF097316.D
Acq: 3 Aug 2017 12:53

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 793921

Ion	Ratio	Lower	Upper
99	100		
42	22.9	13.5	20.3#
71	32.2	24.5	36.7

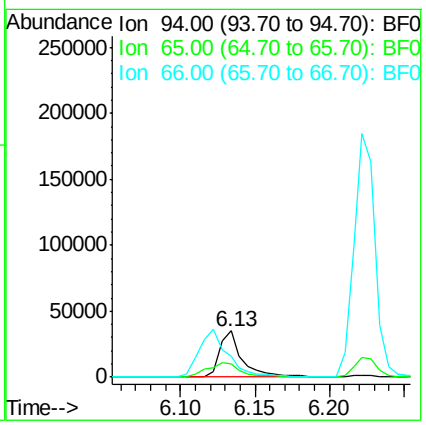


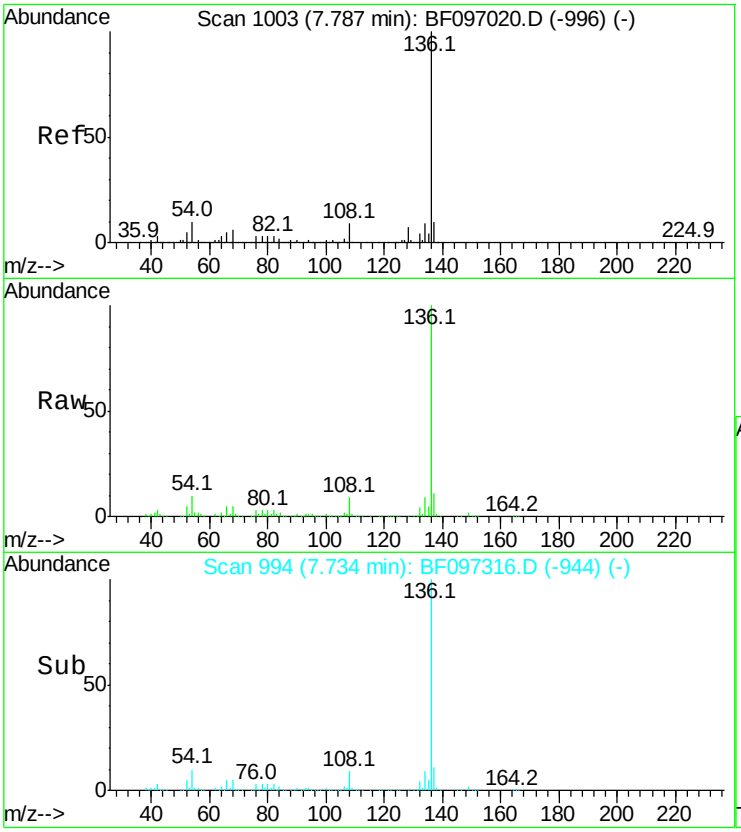


#10
Phenol
Concen: 3.688 ng
RT: 6.13 min Scan# 722
Delta R.T. -0.01 min
Lab File: BF097316.D
Acq: 3 Aug 2017 12:53

Tgt Ion: 94 Resp: 37630

Ion	Ratio	Lower	Upper
94	100		
65	29.2	9.9	49.9
66	44.2	23.1	63.1



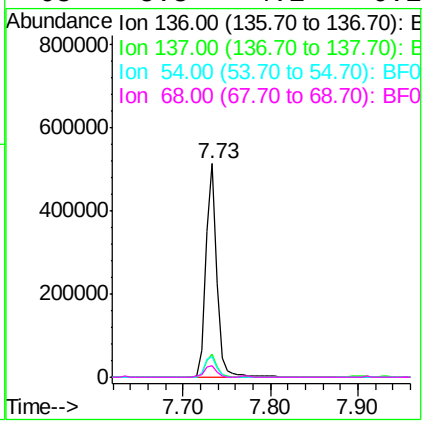


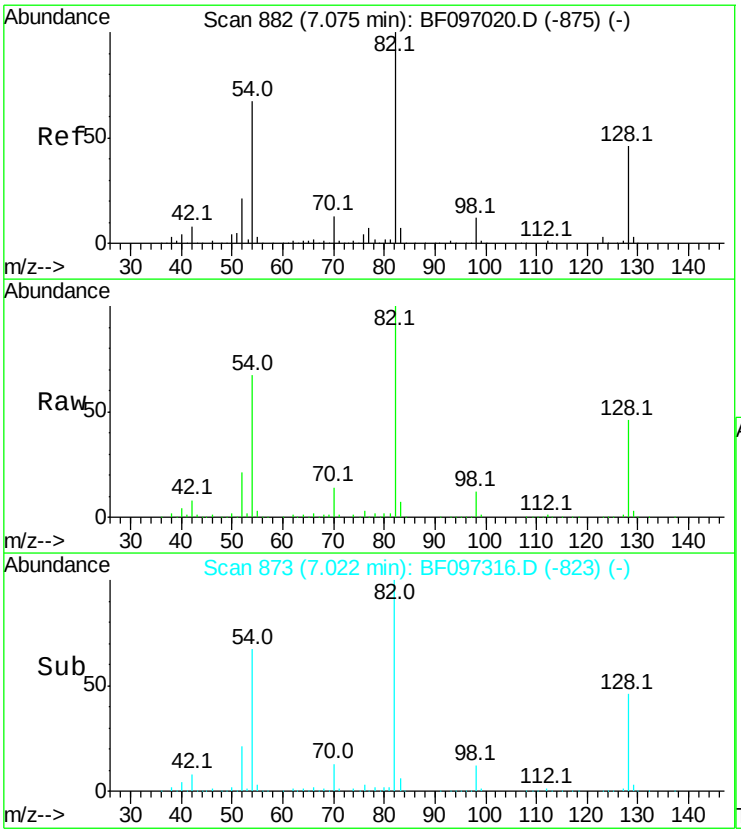
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.73 min Scan# 994
Delta R.T. -0.01 min
Lab File: BF097316.D
Acq: 3 Aug 2017 12:53

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 444416

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.5	12.7
54	9.8	4.9	7.3#
68	5.3	4.1	6.1

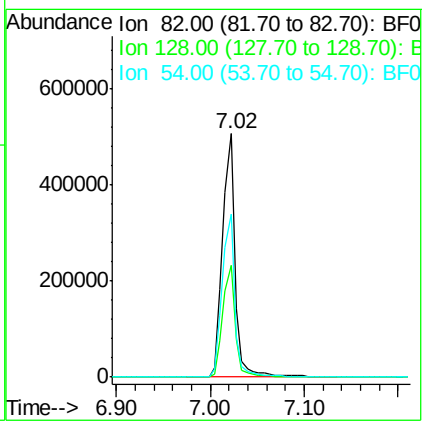


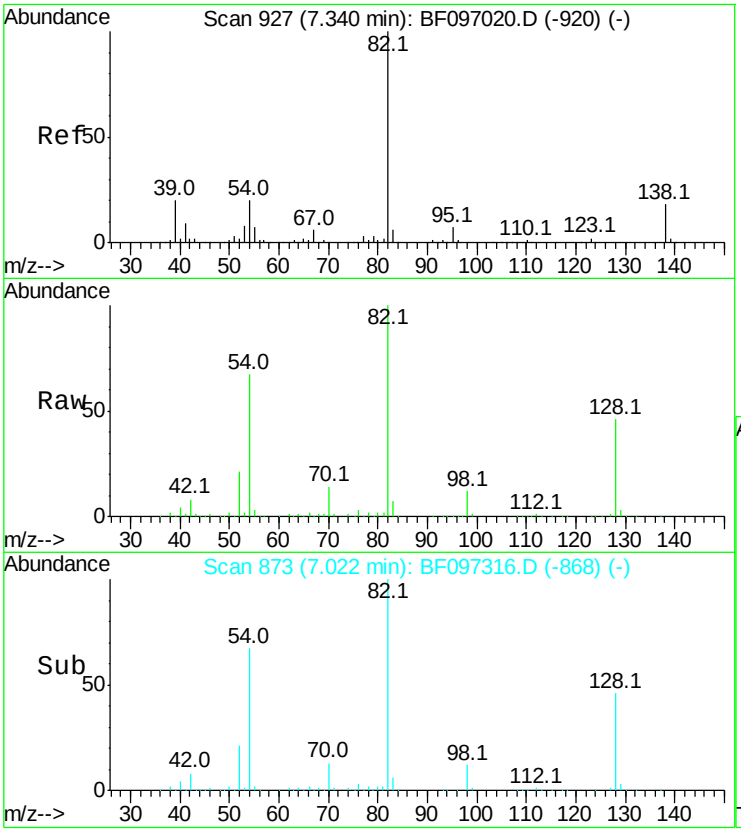


#23
Nitrobenzene-d5
Concen: 62.029 ng
RT: 7.02 min Scan# 873
Delta R.T. -0.01 min
Lab File: BF097316.D
Acq: 3 Aug 2017 12:53

Tgt Ion: 82 Resp: 469906

Ion	Ratio	Lower	Upper
82	100		
128	46.1	34.0	51.0
54	66.8	42.2	63.2#



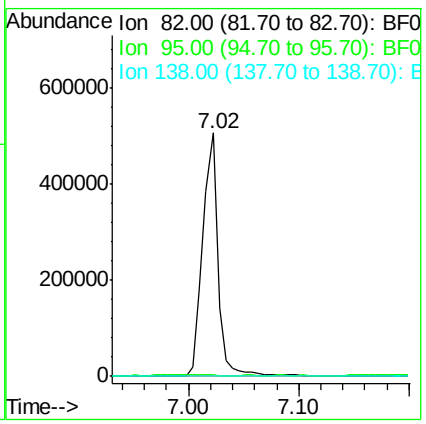


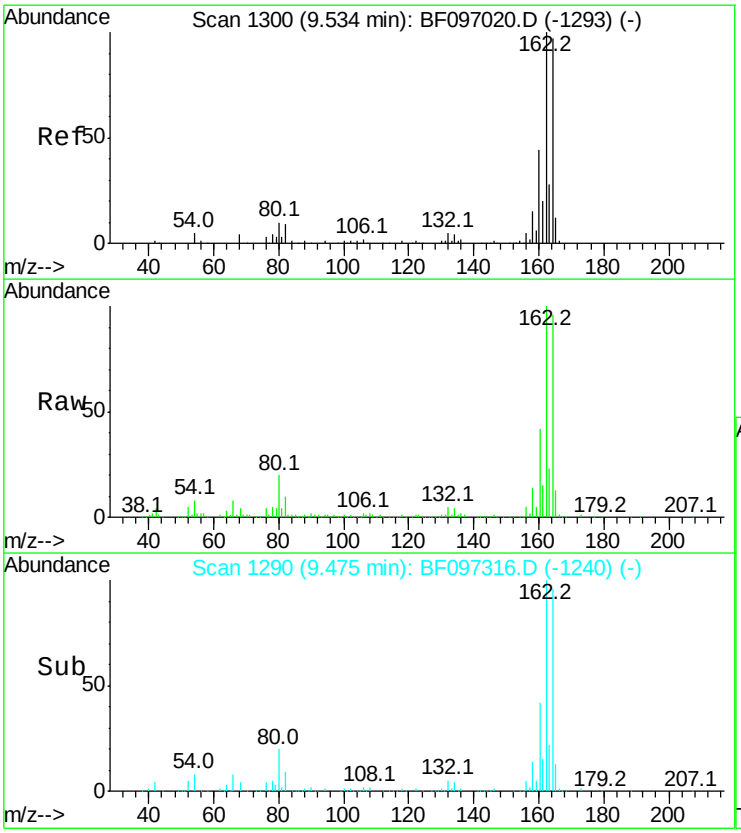
#25
Isophorone
Concen: 31.619 ng
RT: 7.02 min Scan# 873
Delta R.T. -0.27 min
Lab File: BF097316.D
Acq: 3 Aug 2017 12:53

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 469090

Ion	Ratio	Lower	Upper
82	100		
95	0.5	5.3	7.9#
138	0.0	13.1	19.7#

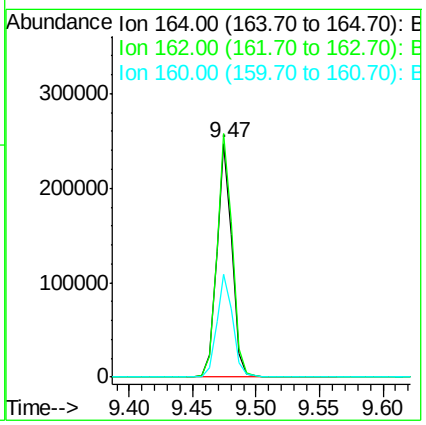


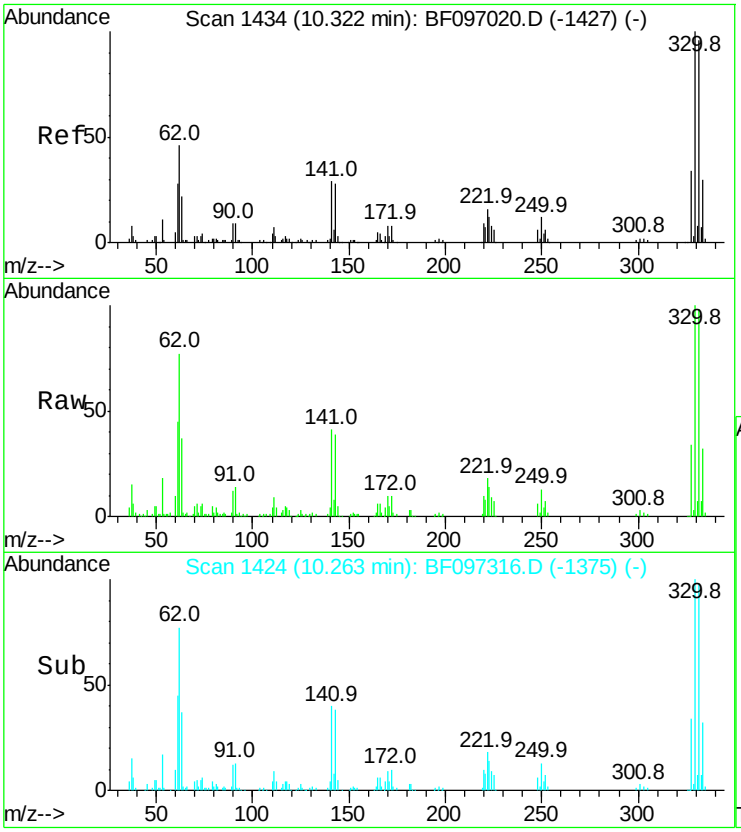


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.47 min Scan# 1290
Delta R.T. -0.01 min
Lab File: BF097316.D
Acq: 3 Aug 2017 12:53

Tgt Ion:164 Resp: 207983

Ion	Ratio	Lower	Upper
164	100		
162	104.1	82.6	123.8
160	43.7	36.2	54.2



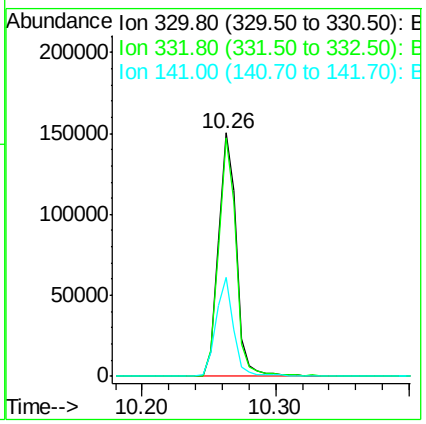


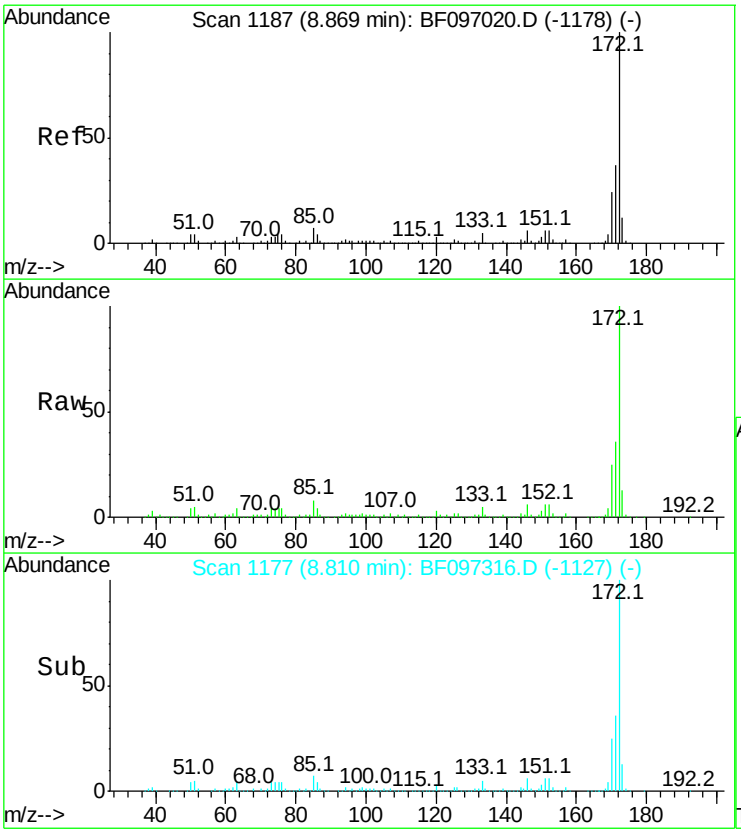
#41
2,4,6-Tribromophenol
Concen: 87.374 ng
RT: 10.26 min Scan# 1424
Delta R.T. -0.01 min
Lab File: BF097316.D
Acq: 3 Aug 2017 12:53

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 143579

Ion	Ratio	Lower	Upper
330	100		
332	95.6	76.6	115.0
141	40.9	31.4	47.2

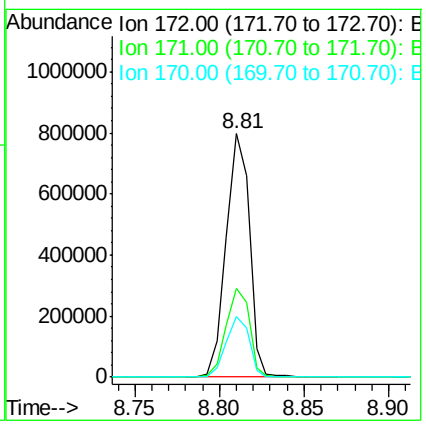


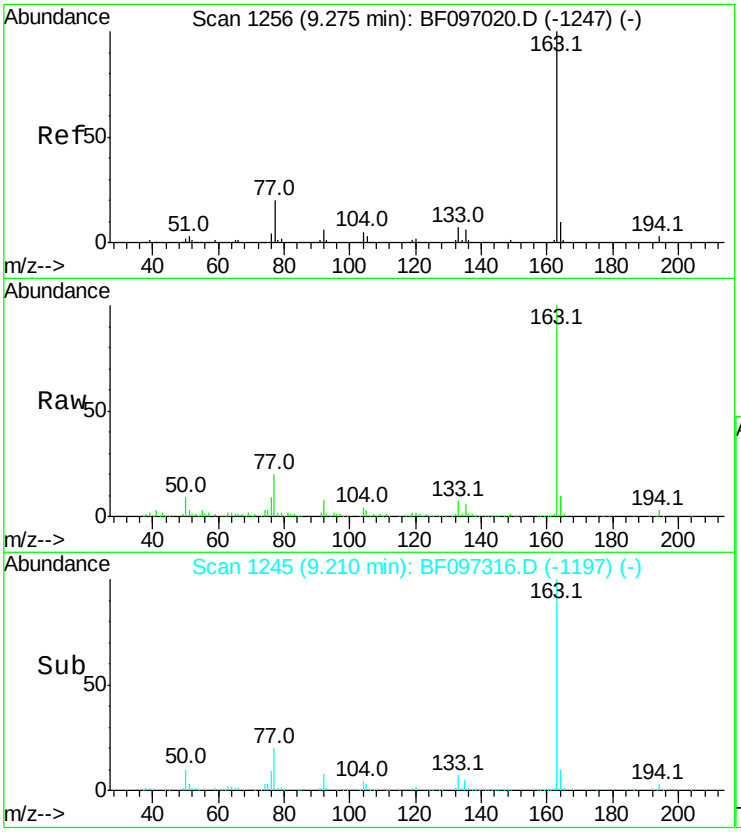


#44
2-Fluorobiphenyl
Concen: 62.418 ng
RT: 8.81 min Scan# 1177
Delta R.T. -0.01 min
Lab File: BF097316.D
Acq: 3 Aug 2017 12:53

Tgt Ion:172 Resp: 764946

Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.6	44.4
170	24.7	19.8	29.8

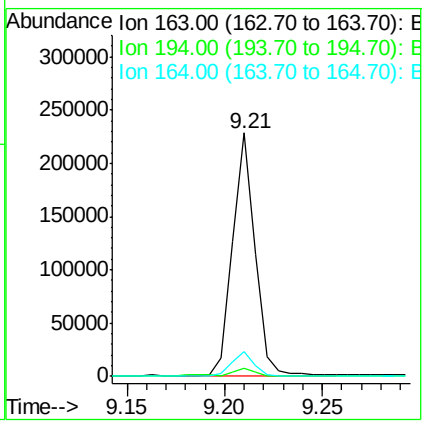




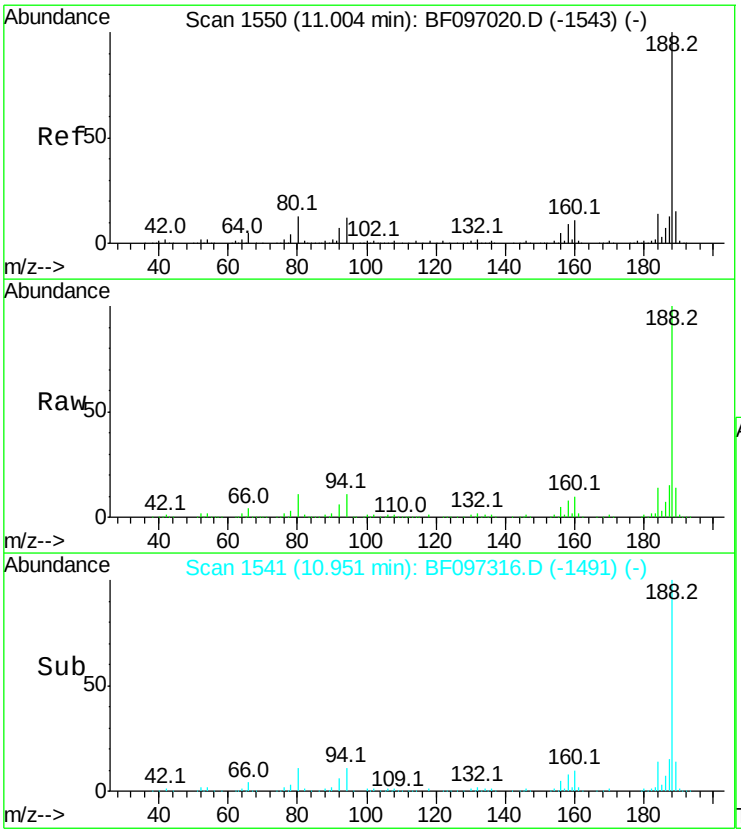
#49
Dimethylphthalate
Concen: 11.524 ng
RT: 9.21 min Scan# 1245
Delta R.T. -0.02 min
Lab File: BF097316.D
Acq: 3 Aug 2017 12:53

Tgt Ion:163 Resp: 182004

Ion	Ratio	Lower	Upper
163	100		
194	3.1	2.6	4.0
164	10.4	8.4	12.6



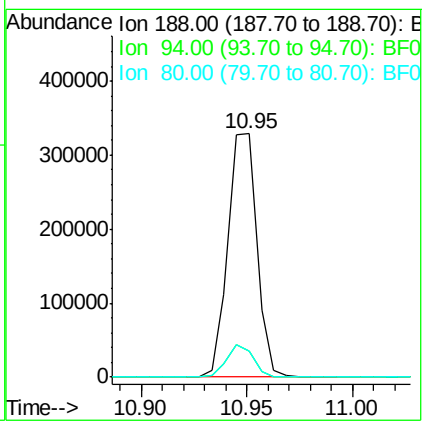
Instrument :
BNA_F
ClientSampleId :

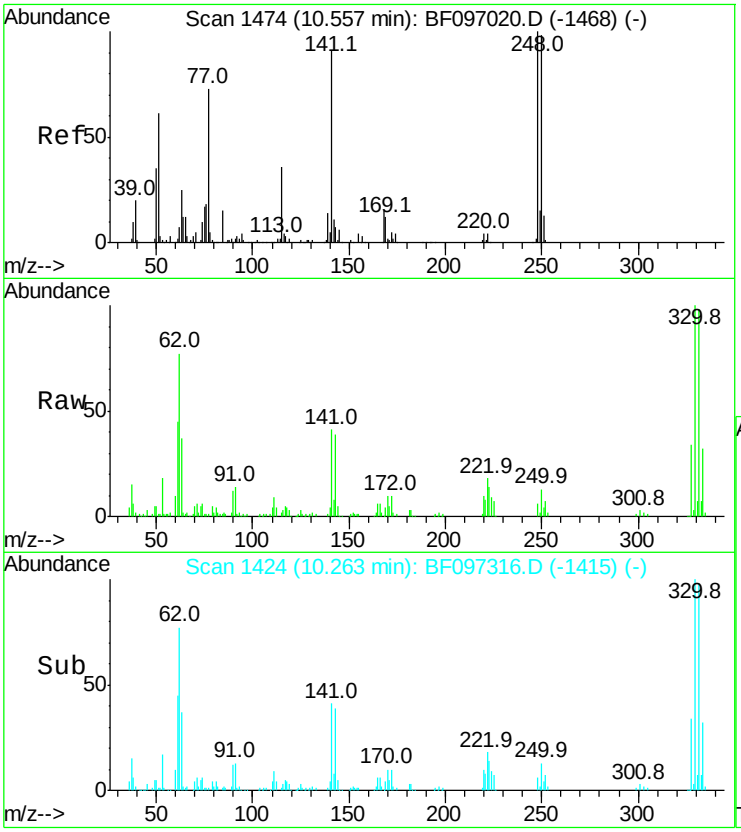


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 10.95 min Scan# 1541
Delta R.T. -0.01 min
Lab File: BF097316.D
Acq: 3 Aug 2017 12:53

Tgt Ion:188 Resp: 311343

Ion	Ratio	Lower	Upper
188	100		
94	10.7	9.4	14.2
80	10.6	10.2	15.2



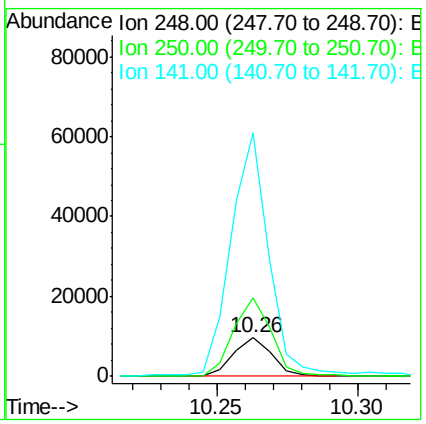


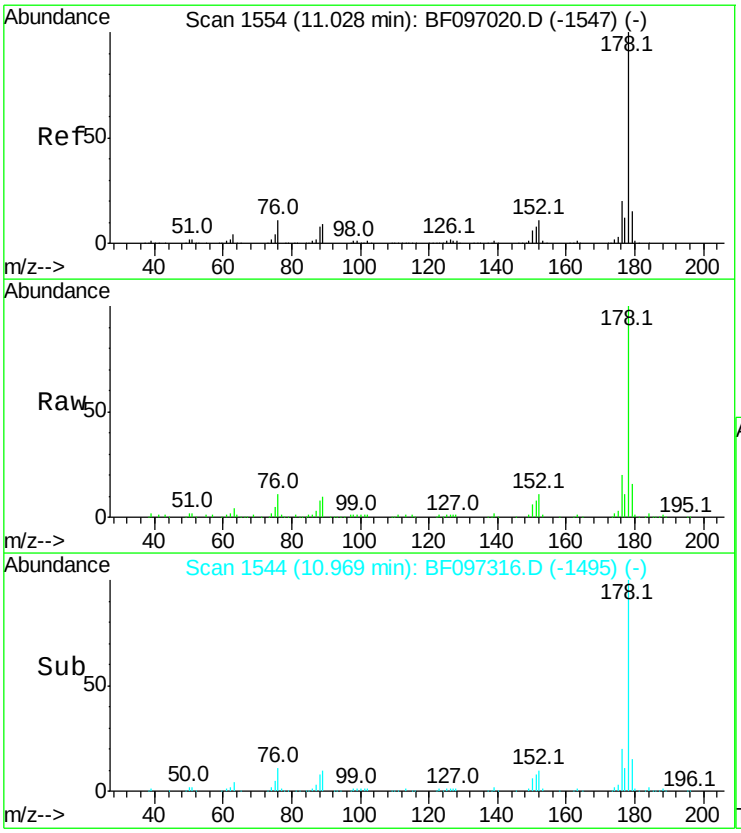
#66
4-Bromophenyl-phenylether
Concen: 2.912 ng
RT: 10.26 min Scan# 1424
Delta R.T. -0.25 min
Lab File: BF097316.D
Acq: 3 Aug 2017 12:53

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:248 Resp: 9047

Ion	Ratio	Lower	Upper
248	100		
250	202.7	76.8	115.2#
141	633.0	68.6	103.0#

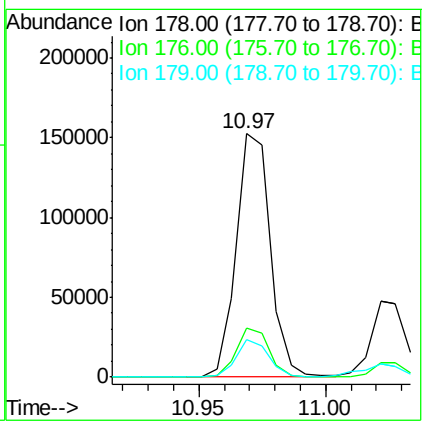


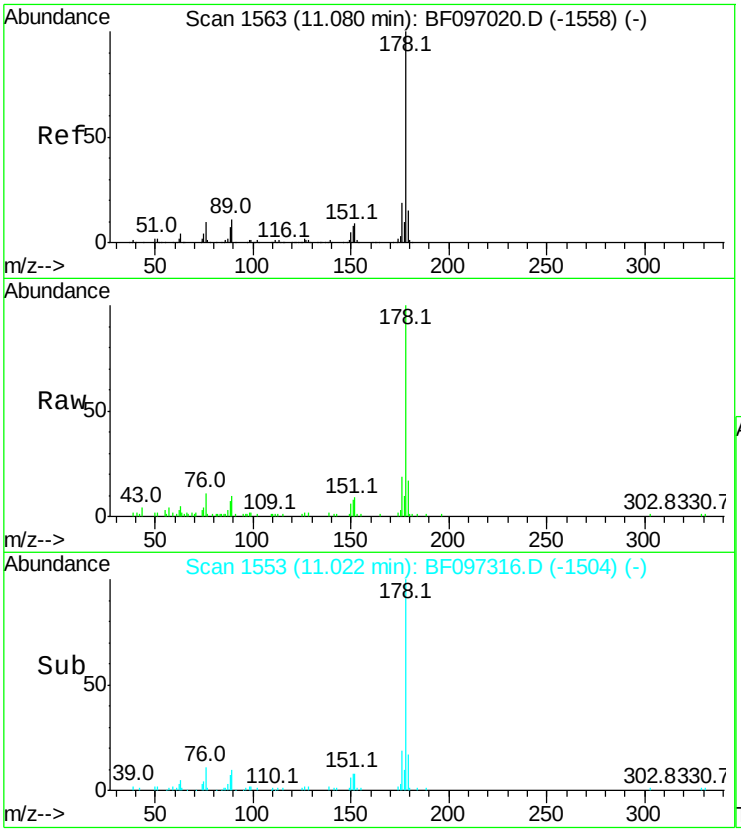


#70
Phenanthrene
Concen: 8.568 ng
RT: 10.97 min Scan# 1544
Delta R.T. -0.01 min
Lab File: BF097316.D
Acq: 3 Aug 2017 12:53

Tgt Ion:178 Resp: 142927

Ion	Ratio	Lower	Upper
178	100		
176	19.9	16.2	24.4
179	15.6	12.6	19.0



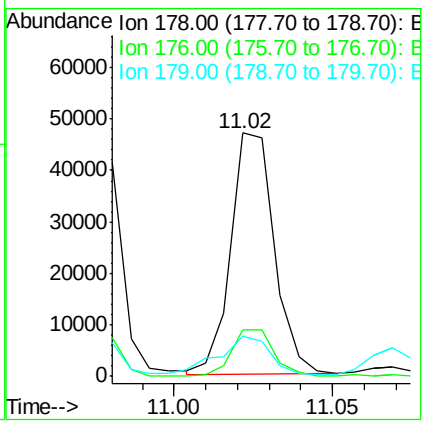


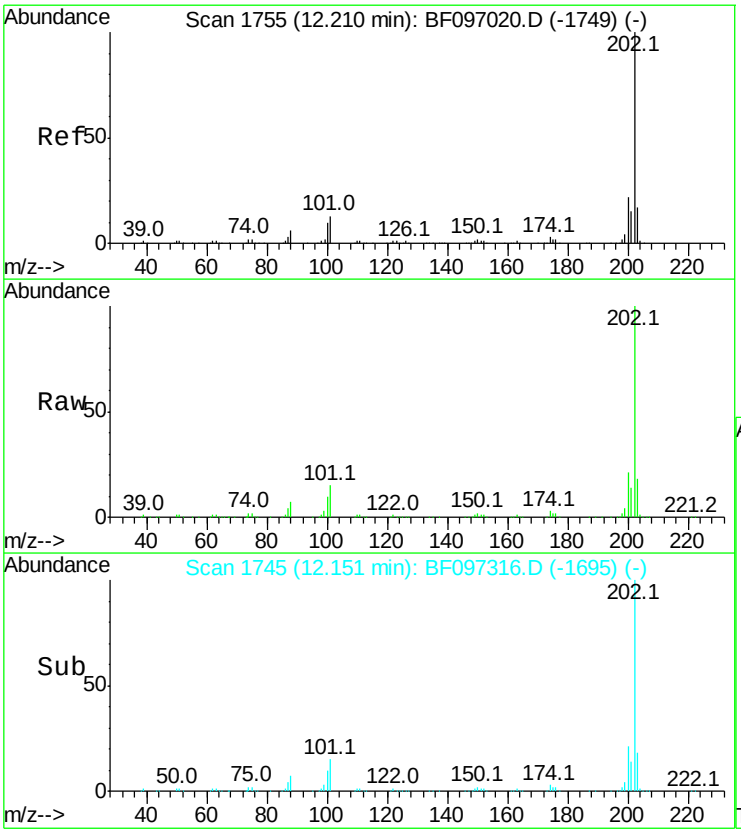
#71
Anthracene
Concen: 2.605 ng
RT: 11.02 min Scan# 1553
Delta R.T. -0.01 min
Lab File: BF097316.D
Acq: 3 Aug 2017 12:53

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 44503

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.8	23.8
179	16.7	12.7	19.1

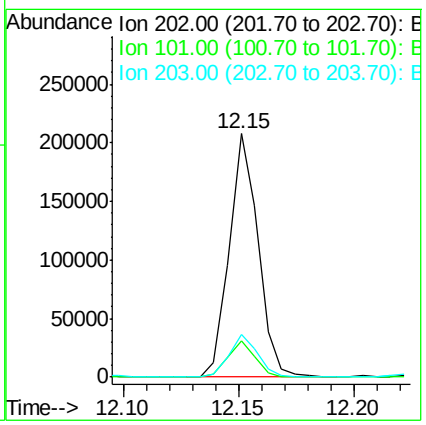


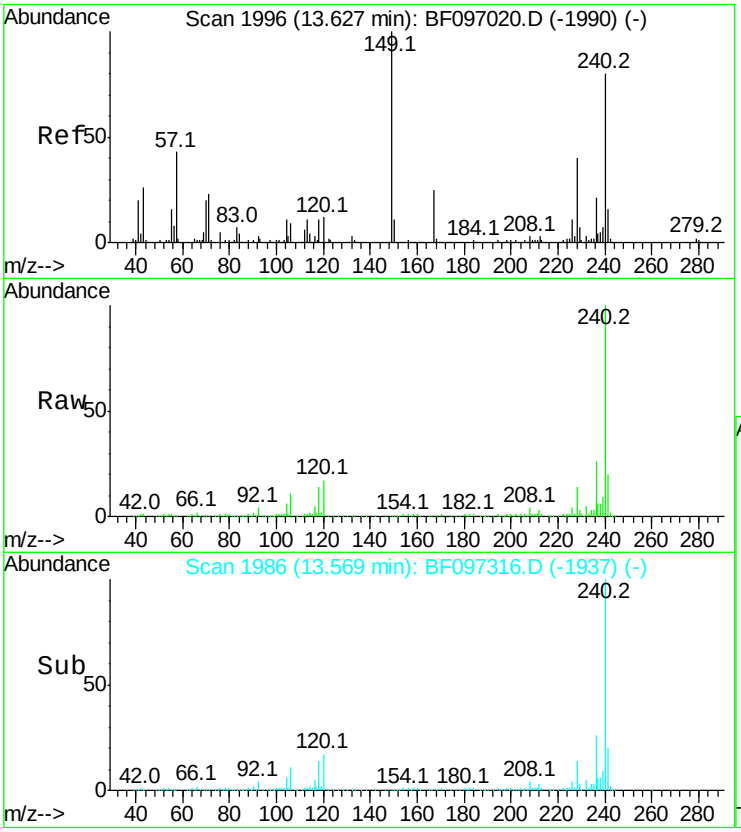


#74
Fluoranthene
Concen: 11.084 ng
RT: 12.15 min Scan# 1745
Delta R.T. -0.01 min
Lab File: BF097316.D
Acq: 3 Aug 2017 12:53

Tgt Ion:202 Resp: 181145

Ion	Ratio	Lower	Upper
202	100		
101	14.8	0.0	33.2
203	17.5	0.0	38.1



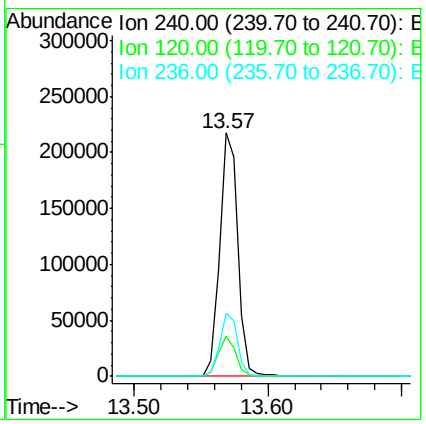


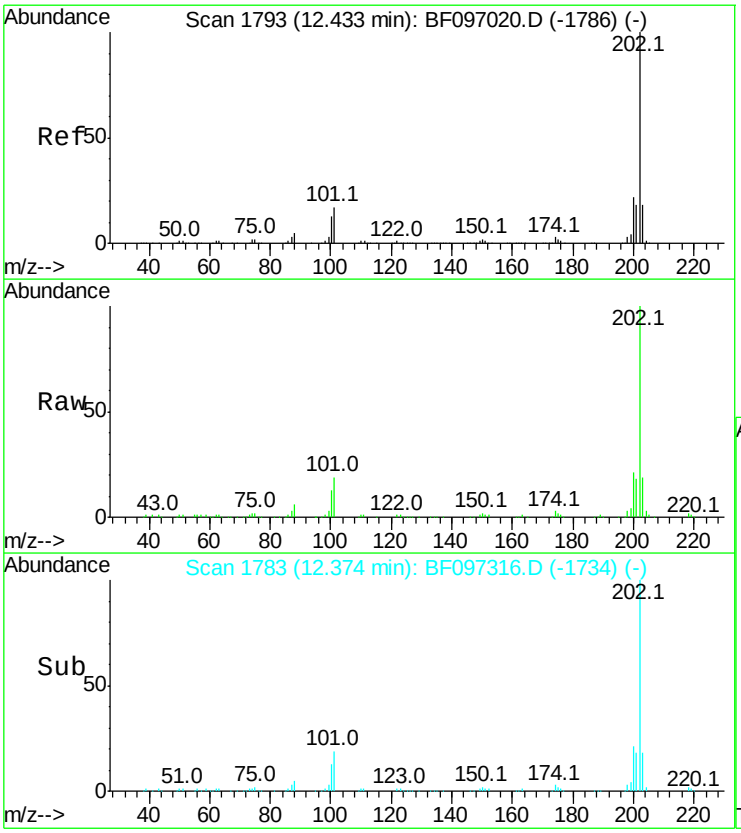
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.57 min Scan# 1986
Delta R.T. -0.01 min
Lab File: BF097316.D
Acq: 3 Aug 2017 12:53

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 208469

Ion	Ratio	Lower	Upper
240	100		
120	16.6	5.8	8.8#
236	26.1	20.5	30.7

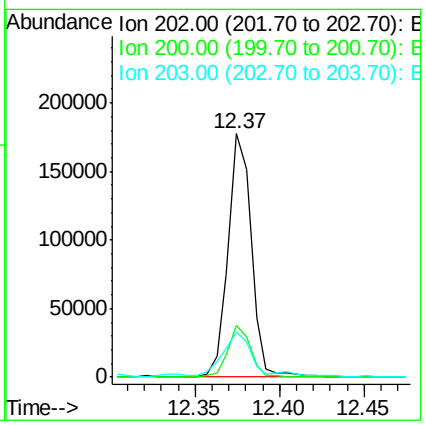


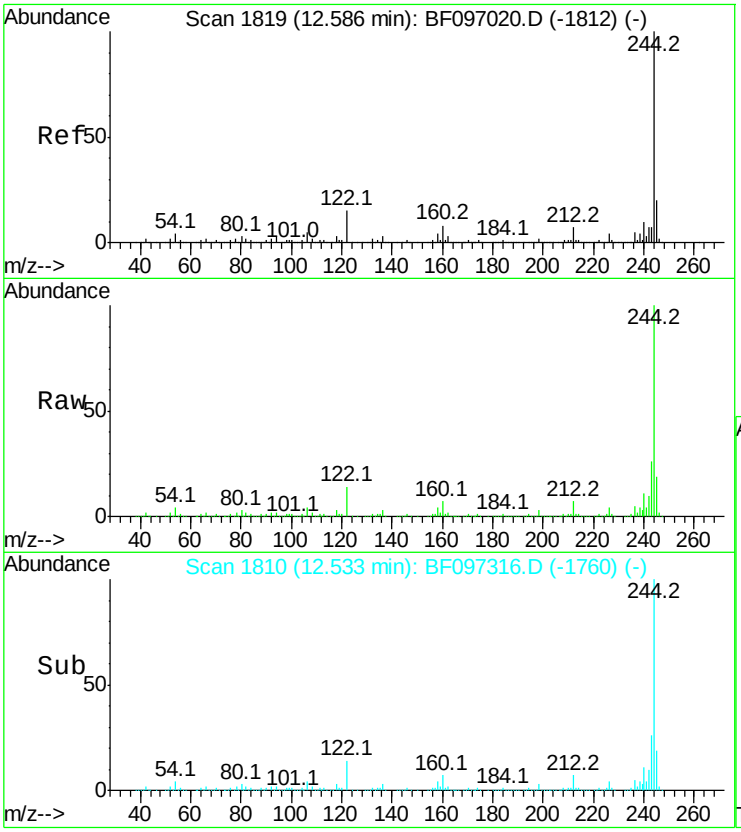


#77
Pyrene
Concen: 9.878 ng
RT: 12.37 min Scan# 1783
Delta R.T. -0.01 min
Lab File: BF097316.D
Acq: 3 Aug 2017 12:53

Tgt Ion:202 Resp: 168580

Ion	Ratio	Lower	Upper
202	100		
200	21.3	17.6	26.4
203	18.6	14.4	21.6



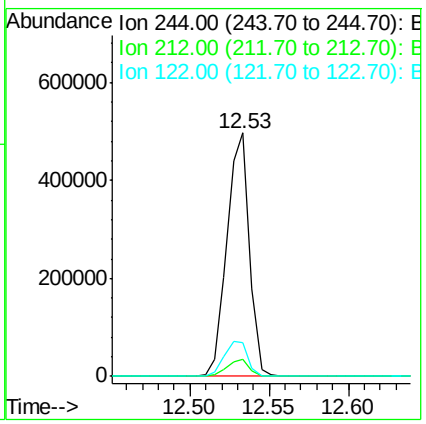


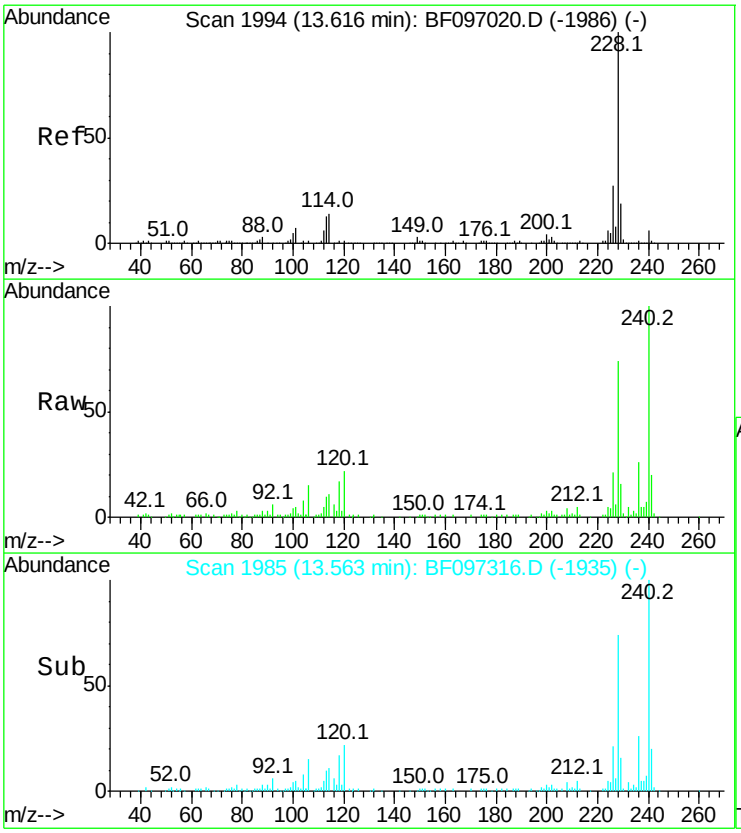
#78
Terphenyl-d14
Concen: 47.464 ng
RT: 12.53 min Scan# 1810
Delta R.T. -0.01 min
Lab File: BF097316.D
Acq: 3 Aug 2017 12:53

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 485306

Ion	Ratio	Lower	Upper
244	100		
212	6.8	6.0	9.0
122	13.7	10.3	15.5

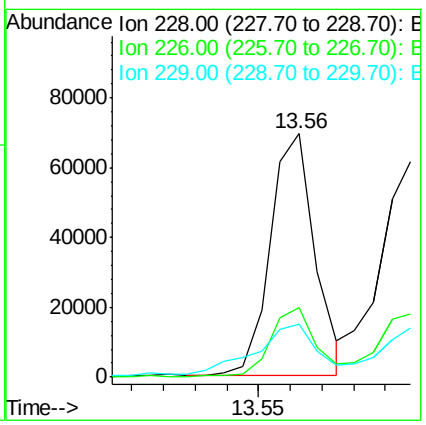


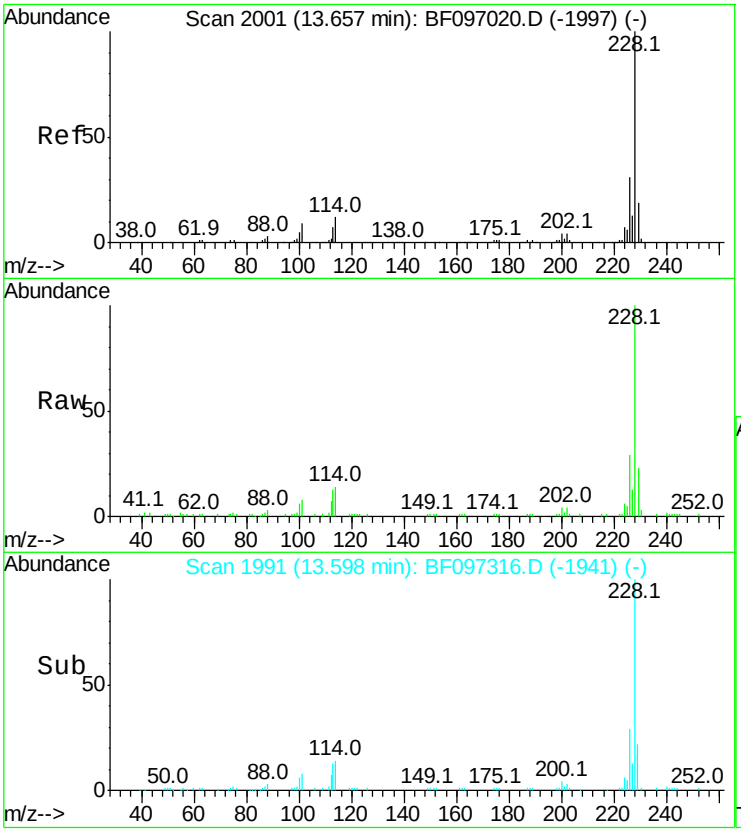


#80
Benzo(a)anthracene
Concen: 5.024 ng
RT: 13.56 min Scan# 1985
Delta R.T. -0.01 min
Lab File: BF097316.D
Acq: 3 Aug 2017 12:53

Tgt Ion:228 Resp: 67764

Ion	Ratio	Lower	Upper
228	100		
226	28.7	22.6	33.8
229	21.6	16.3	24.5



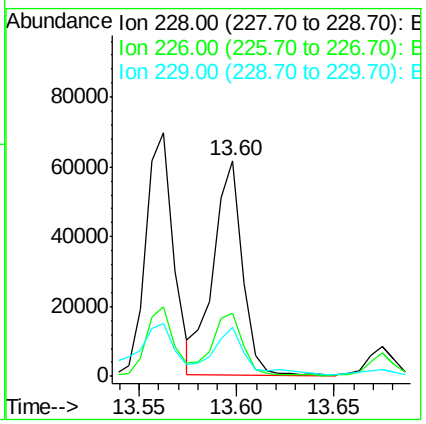


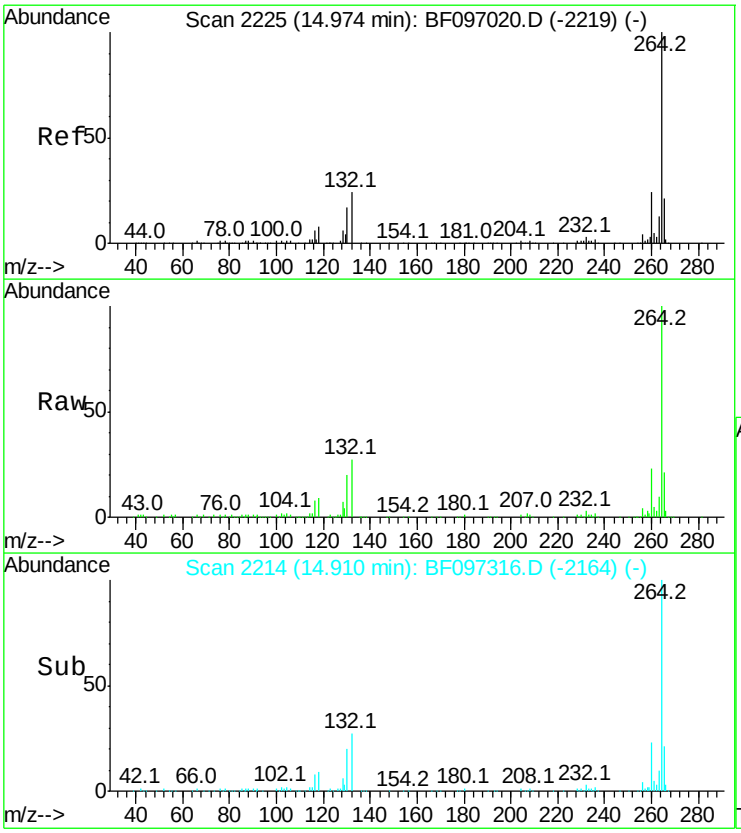
#82
Chrysene
Concen: 4.849 ng
RT: 13.60 min Scan# 1991
Delta R.T. -0.01 min
Lab File: BF097316.D
Acq: 3 Aug 2017 12:53

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 63868

Ion	Ratio	Lower	Upper
228	100		
226	29.4	24.9	37.3
229	22.6	15.8	23.6

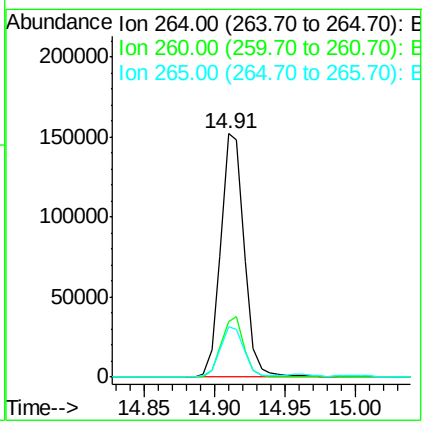


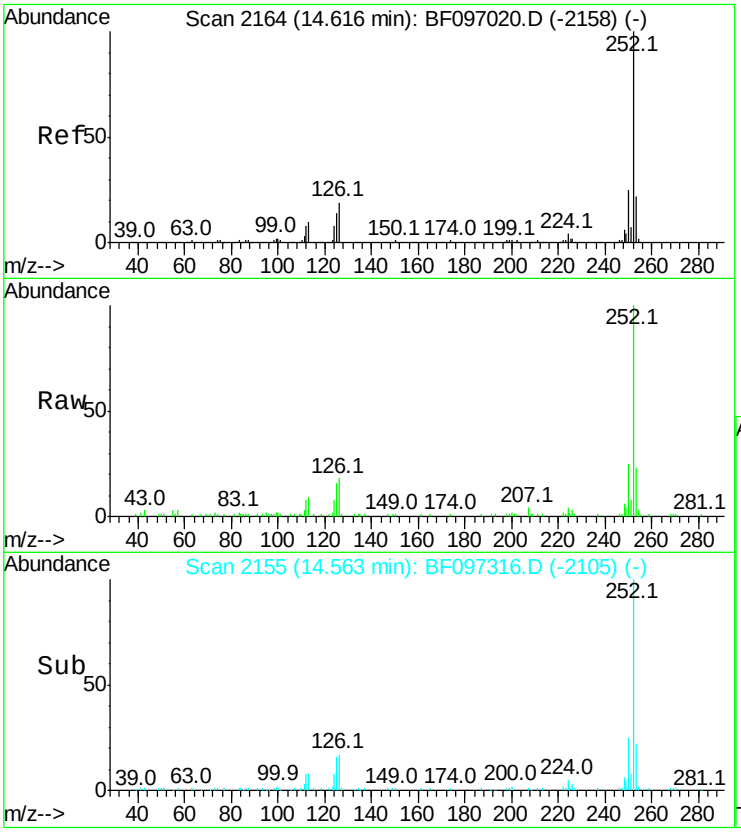


#86
Perylene-d12
Concen: 20.000 ng
RT: 14.91 min Scan# 2214
Delta R.T. -0.01 min
Lab File: BF097316.D
Acq: 3 Aug 2017 12:53

Tgt Ion:264 Resp: 176343

Ion	Ratio	Lower	Upper
264	100		
260	22.9	19.5	29.3
265	20.7	17.2	25.8



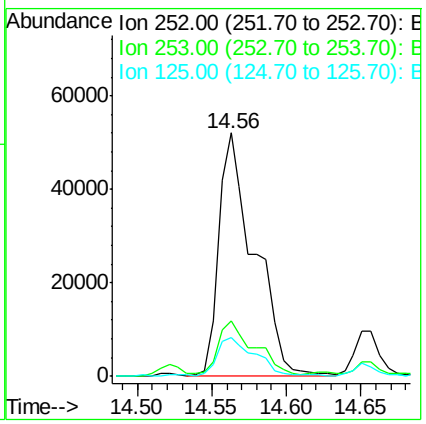


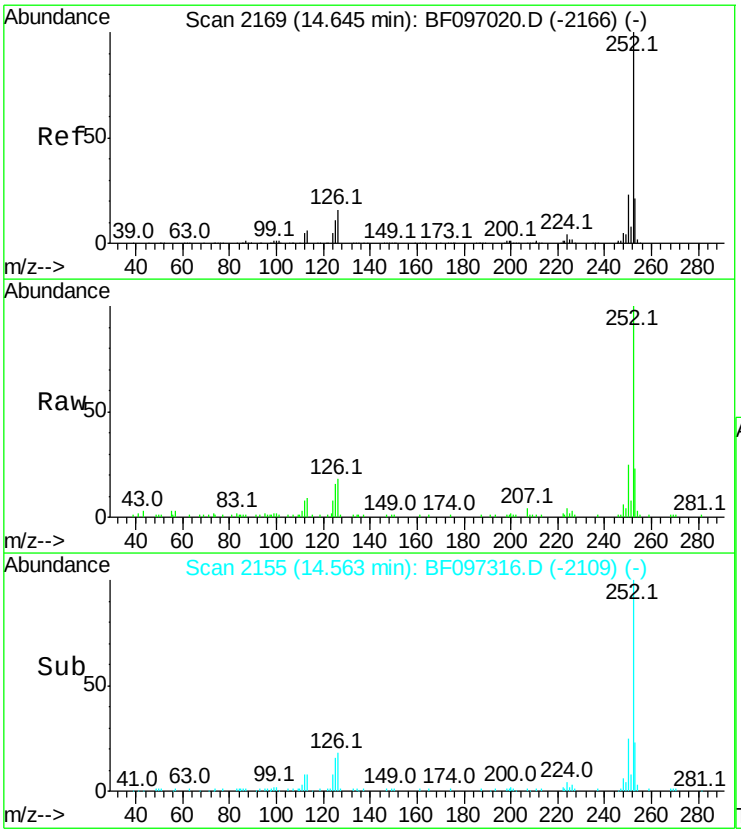
#87
Benzo(b)fluoranthene
Concen: 8.167 ng
RT: 14.56 min Scan# 2155
Delta R.T. -0.01 min
Lab File: BF097316.D
Acq: 3 Aug 2017 12:53

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 86576

Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.1	27.1
125	16.1	9.8	14.8#

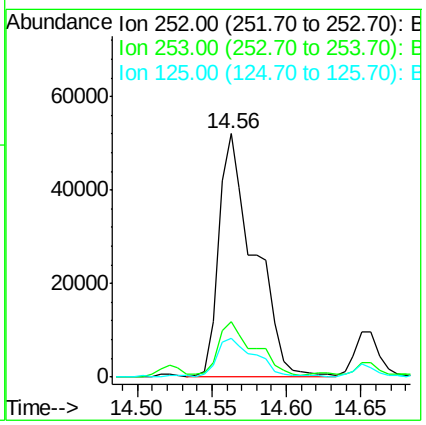


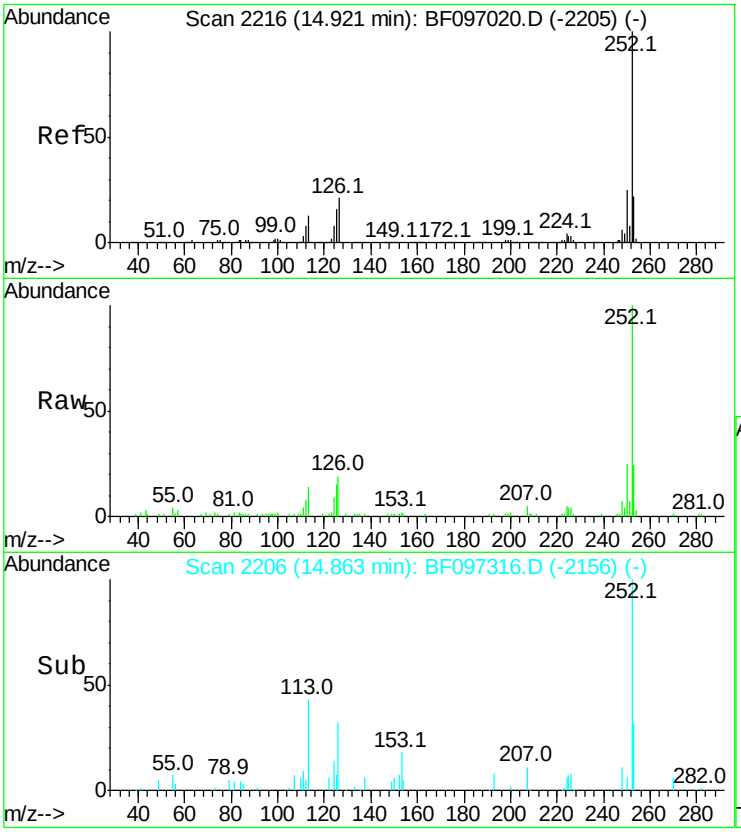


#88
Benzo(k)fluoranthene
Concen: 8.571 ng
RT: 14.56 min Scan# 2155
Delta R.T. -0.03 min
Lab File: BF097316.D
Acq: 3 Aug 2017 12:53

Tgt Ion:252 Resp: 86576

Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.4	27.6
125	16.1	13.1	19.7



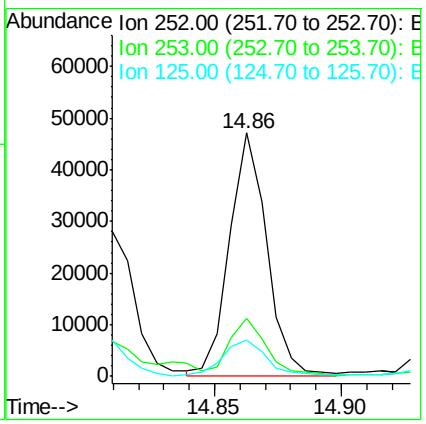


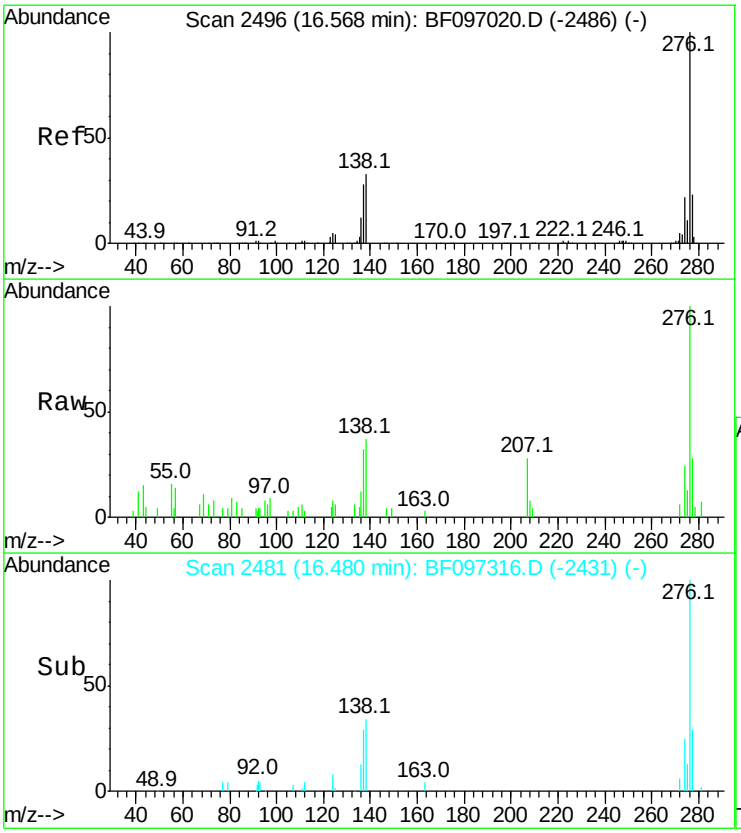
#89
Benzo(a)pyrene
Concen: 5.013 ng
RT: 14.86 min Scan# 2206
Delta R.T. -0.01 min
Lab File: BF097316.D
Acq: 3 Aug 2017 12:53

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 48632

Ion	Ratio	Lower	Upper
252	100		
253	24.0	17.5	26.3
125	15.0	11.0	16.4





#91
Benzo(g,h,i)perylene
Concen: 2.112 ng
RT: 16.48 min Scan# 2481
Delta R.T. -0.01 min
Lab File: BF097316.D
Acq: 3 Aug 2017 12:53

Tgt Ion:276 Resp: 17622

Ion	Ratio	Lower	Upper
276	100		
277	27.7	18.6	28.0
138	37.4	25.4	38.0