Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF070517\
Data File : BF096521.D
Acq On : 6 Jul 2017 9:19
Operator : SJ/MA
Sample : I4029-05
Misc :
ALS Vial : 49 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : E2-P4-NSW

Quant Time: Jul 06 11:30:11 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF070117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 05 13:27:10 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	97453	20.00	ng		0.00
21) Naphthalene-d8	8.00	136	354385	20.00	ng		0.00
38) Acenaphthene-d10	9.75	164	130037	20.00	ng		0.00
63) Phenanthrene-d10	11.23	188	231712	20.00	ng		0.00
75) Chrysene-d12	13.86	240	183771	20.00	ng		0.00
86) Perylene-d12	15.27	264	128139	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.33	112	777149	117.70	ng		0.00
7) Phenol-d6	6.35	99	831446	102.43	ng		0.00
23) Nitrobenzene-d5	7.27	82	431996	73.25	ng		0.00
41) 2,4,6-Tribromophenol	10.54	330	116966	115.15	ng		0.00
44) 2-Fluorobiphenyl	9.07	172	681896	89.66	ng		0.00
78) Terphenyl-d14	12.82	244	503405	58.53	ng		0.00
Target Compounds							Qvalue
10) Phenol	6.36	94	39579	4.28	ng		99
49) Dimethylphthalate	9.46	163	69678	7.18	ng		99
70) Phenanthrene	11.25	178	126642	10.11	ng		98
71) Anthracene	11.30	178	40194	3.15	ng		97
74) Fluoranthene	12.44	202	316297	25.76	ng		99
77) Pyrene	12.67	202	302053	20.48	ng		100
80) Benzo(a)anthracene	13.86	228	176342	16.57	ng		100
82) Chrysene	13.89	228	157683	14.15	ng		97
85) Indeno(1,2,3-cd)pyrene	16.64	276	74052	8.42	ng		95
87) Benzo(b)fluoranthene	14.88	252	182854m	22.77	ng		
88) Benzo(k)fluoranthene	14.90	252	58909m	8.20	ng		
89) Benzo(a)pyrene	15.22	252	127691	17.81	ng		95
90) Dibenzo(a,h)anthracene	16.64	278	18563	3.29	ng	#	84
91) Benzo(g,h,i)perylene	17.04	276	69317	11.86	ng		96

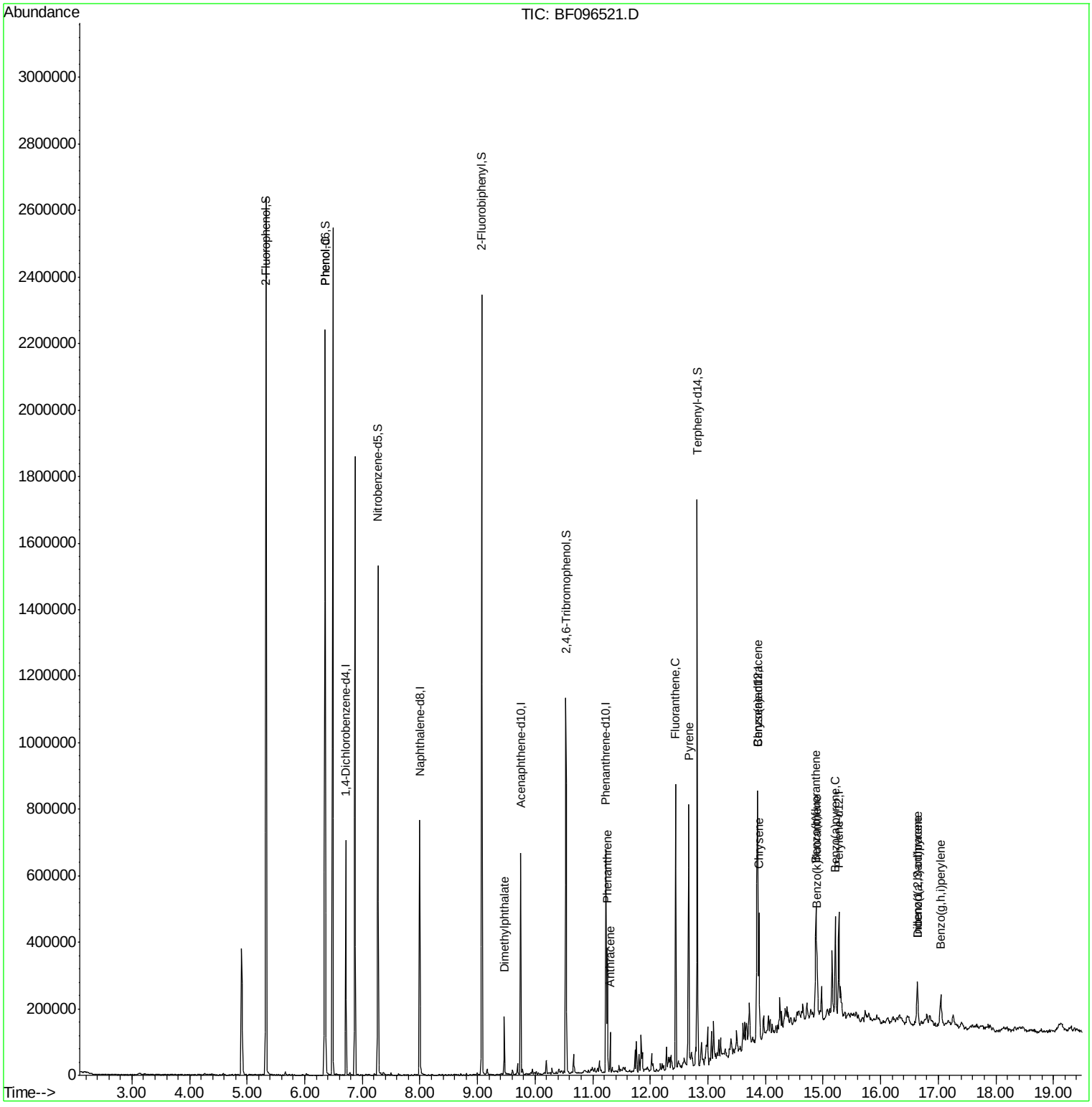
(#) = qualifier out of range (m) = manual integration (+) = signals summed

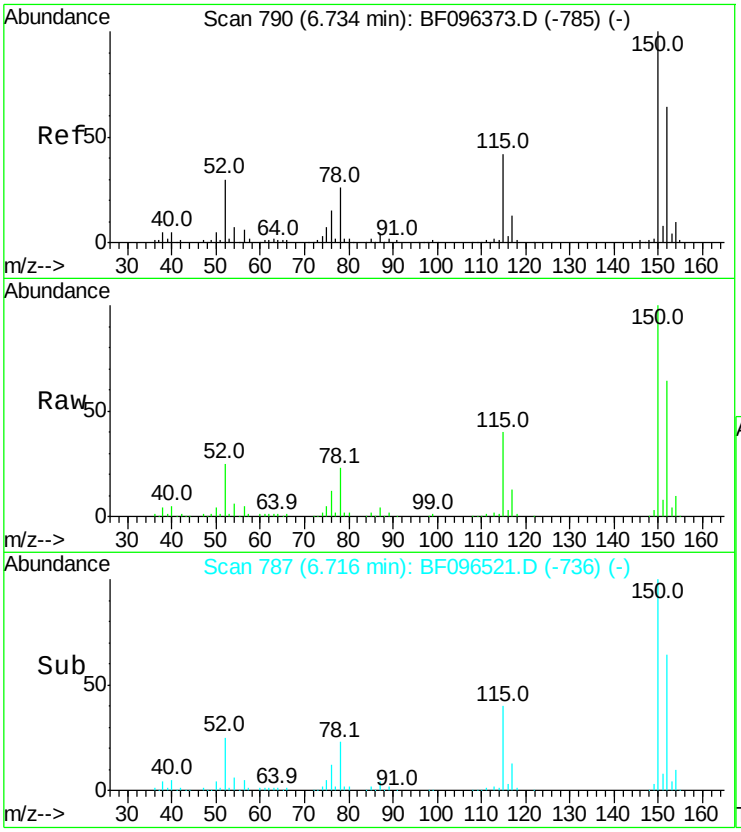
Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF070517\
Data File : BF096521.D
Acq On : 6 Jul 2017 9:19
Operator : SJ/MA
Sample : I4029-05
Misc :
ALS Vial : 49 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : E2-P4-NSW

Quant Time: Jul 06 11:30:11 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF070117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 05 13:27:10 2017
Response via : Initial Calibration



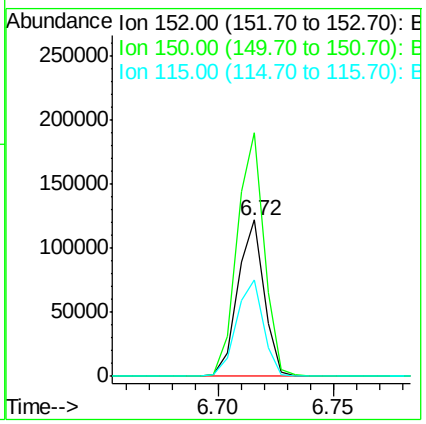


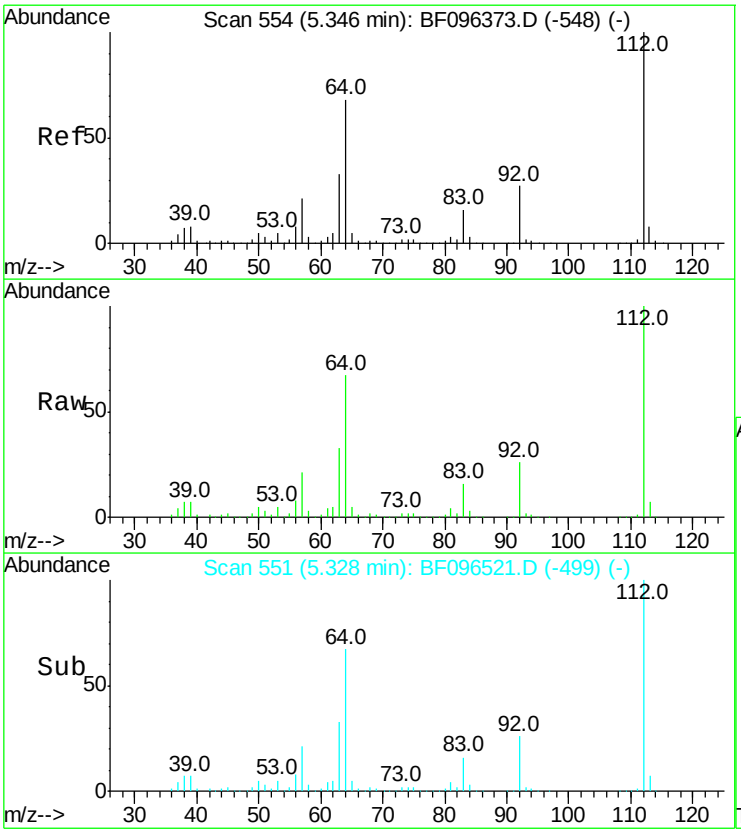
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.72 min Scan# 787
Delta R.T. -0.00 min
Lab File: BF096521.D
Acq: 6 Jul 2017 9:19

Instrument :
BNA_F
ClientSampleId :
E2-P4-NSW

Tgt Ion:152 Resp: 97453

Ion	Ratio	Lower	Upper
152	100		
150	155.7	126.2	189.2
115	61.9	52.2	78.2

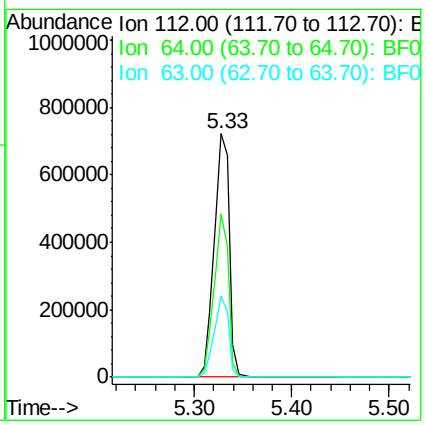


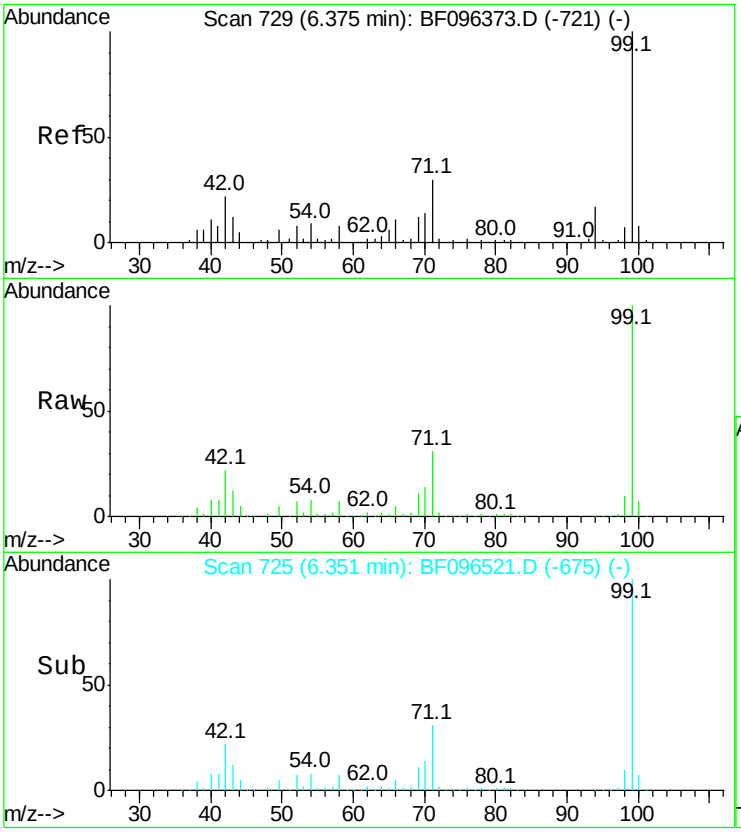


#5
2-Fluorophenol
Concen: 117.70 ng
RT: 5.33 min Scan# 551
Delta R.T. 0.01 min
Lab File: BF096521.D
Acq: 6 Jul 2017 9:19

Tgt Ion:112 Resp: 777149

Ion	Ratio	Lower	Upper
112	100		
64	66.9	46.0	69.0
63	33.4	23.4	35.0



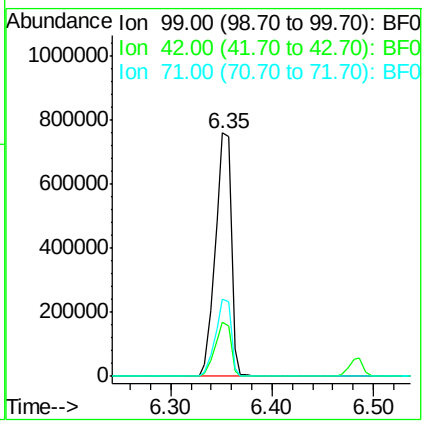


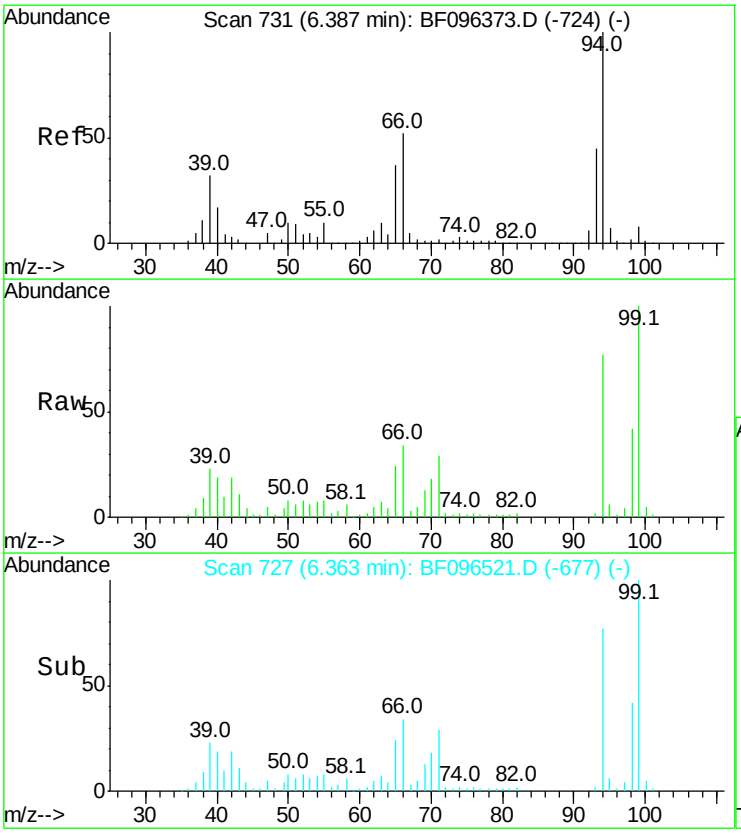
#7
Phenol-d6
Concen: 102.43 ng
RT: 6.35 min Scan# 725
Delta R.T. -0.01 min
Lab File: BF096521.D
Acq: 6 Jul 2017 9:19

Instrument :
BNA_F
ClientSampleId :
E2-P4-NSW

Tgt Ion: 99 Resp: 831446

Ion	Ratio	Lower	Upper
99	100		
42	22.4	13.5	20.3#
71	31.5	24.5	36.7

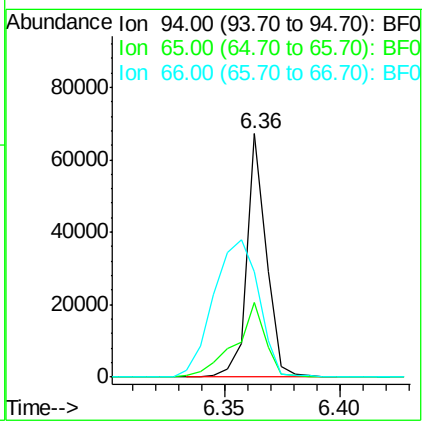


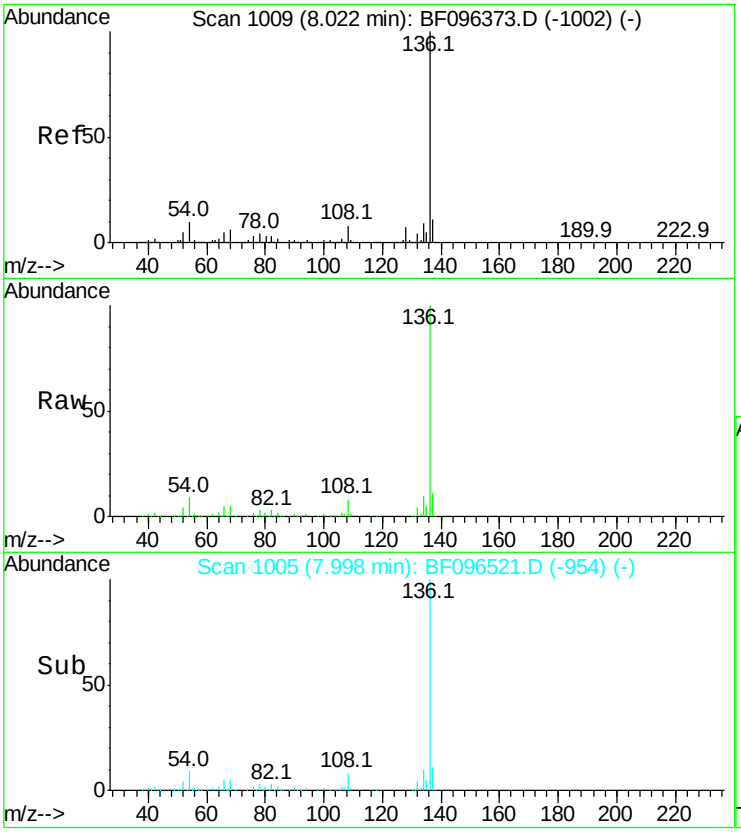


#10
Phenol
Concen: 4.28 ng
RT: 6.36 min Scan# 727
Delta R.T. -0.01 min
Lab File: BF096521.D
Acq: 6 Jul 2017 9:19

Tgt Ion: 94 Resp: 39579

Ion	Ratio	Lower	Upper
94	100		
65	30.5	9.9	49.9
66	43.5	23.1	63.1



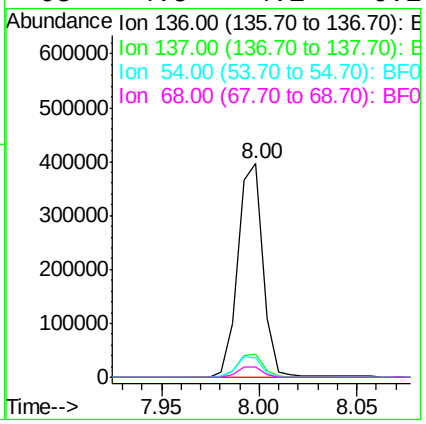


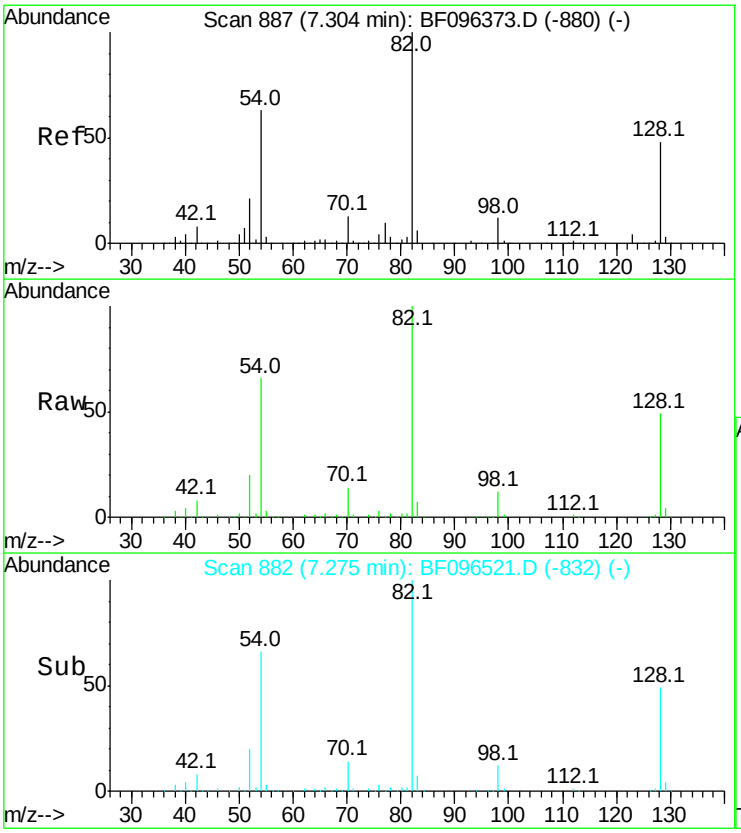
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.00 min Scan# 1005
Delta R.T. -0.00 min
Lab File: BF096521.D
Acq: 6 Jul 2017 9:19

Instrument :
BNA_F
ClientSampleId :
E2-P4-NSW

Tgt Ion:136 Resp: 354385

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.5	12.7
54	8.8	4.9	7.3#
68	4.5	4.1	6.1

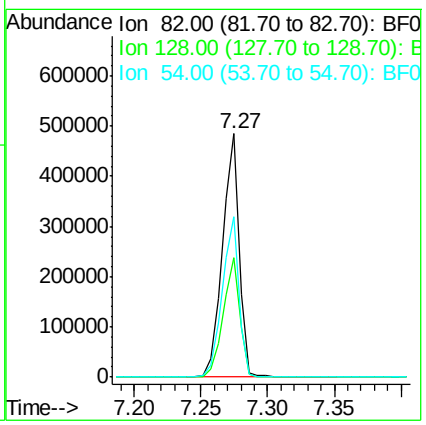


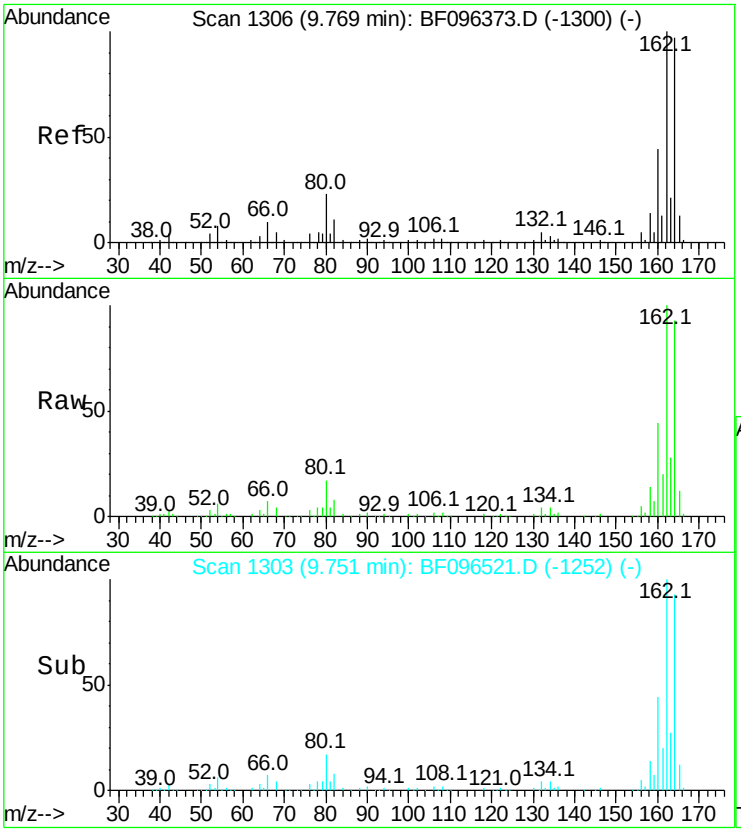


#23
Nitrobenzene-d5
Concen: 73.25 ng
RT: 7.27 min Scan# 882
Delta R.T. -0.01 min
Lab File: BF096521.D
Acq: 6 Jul 2017 9:19

Tgt Ion: 82 Resp: 431996

Ion	Ratio	Lower	Upper
82	100		
128	49.1	34.0	51.0
54	66.0	42.2	63.2#



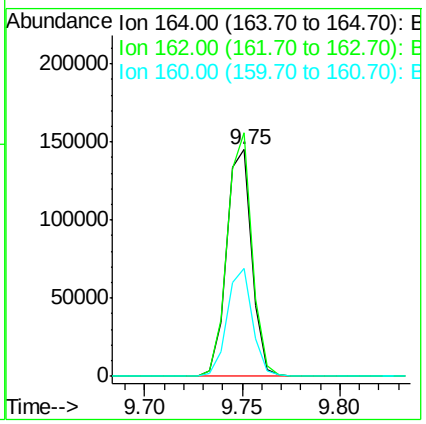


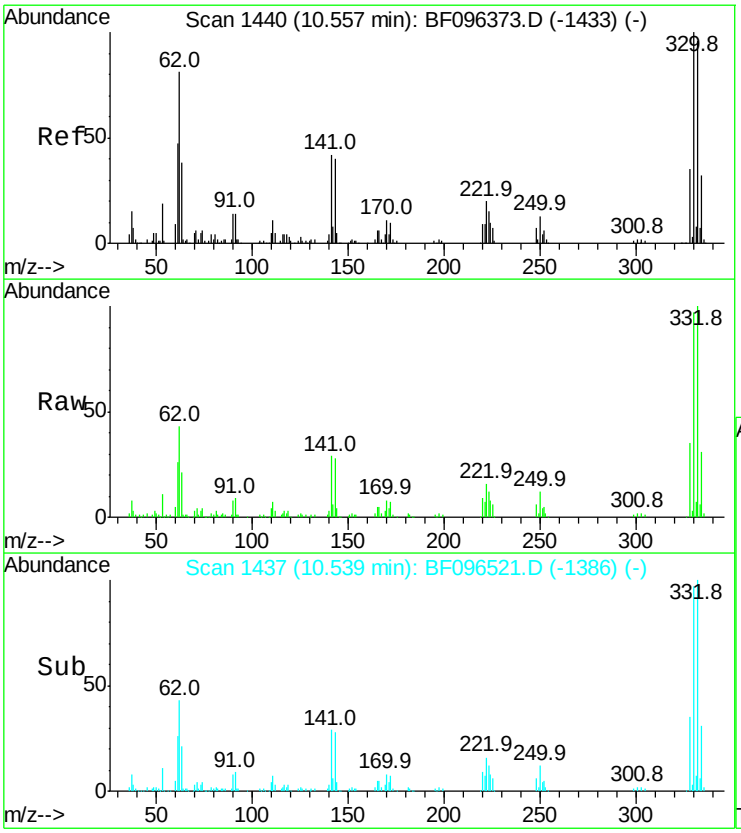
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.75 min Scan# 1303
Delta R.T. -0.00 min
Lab File: BF096521.D
Acq: 6 Jul 2017 9:19

Instrument :
BNA_F
ClientSampleId :
E2-P4-NSW

Tgt Ion:164 Resp: 130037

Ion	Ratio	Lower	Upper
164	100		
162	107.4	82.6	123.8
160	47.6	36.2	54.2

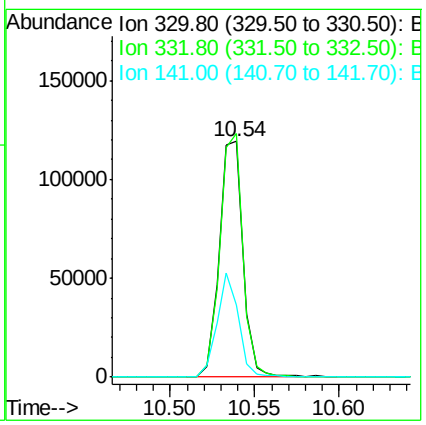


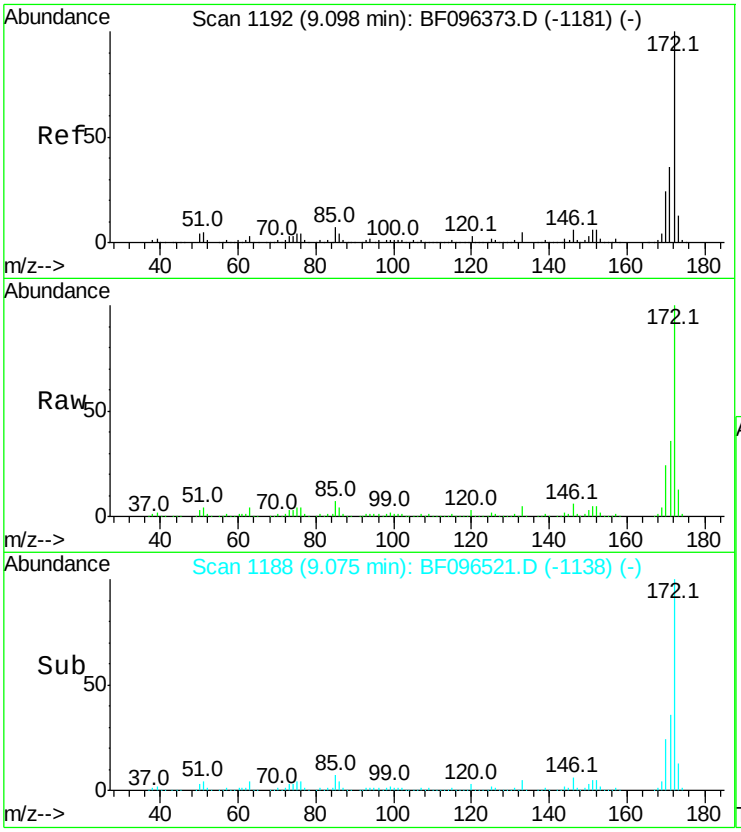


#41
2,4,6-Tribromophenol
Concen: 115.15 ng
RT: 10.54 min Scan# 1437
Delta R.T. -0.00 min
Lab File: BF096521.D
Acq: 6 Jul 2017 9:19

Tgt Ion:330 Resp: 116966

Ion	Ratio	Lower	Upper
330	100		
332	100.4	76.6	115.0
141	39.9	31.4	47.2



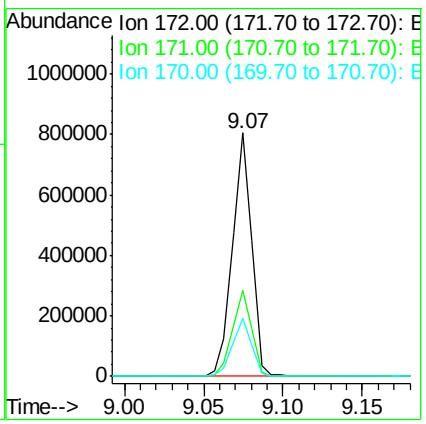


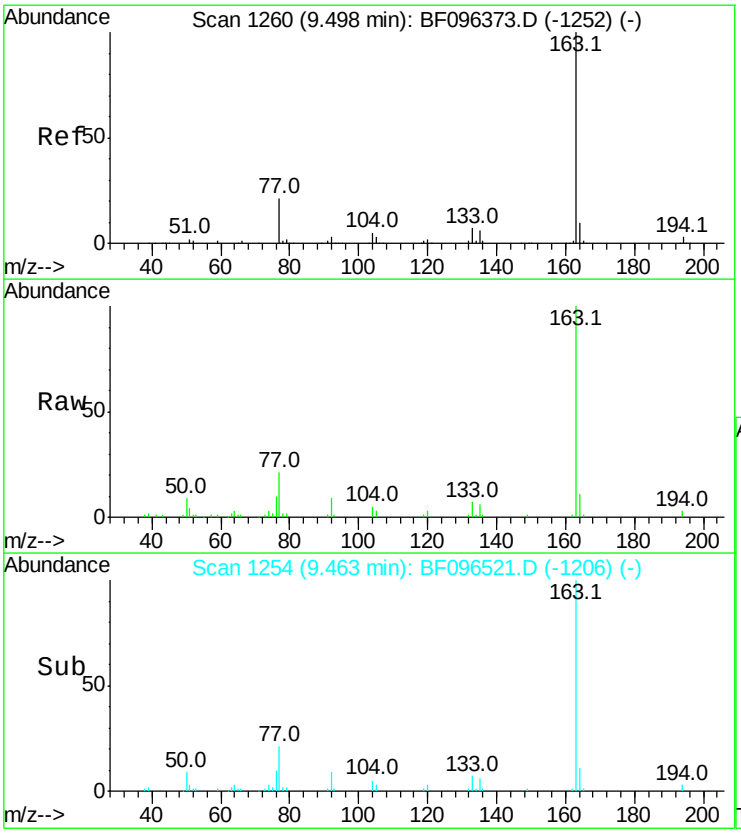
#44
2-Fluorobiphenyl
Concen: 89.66 ng
RT: 9.07 min Scan# 1188
Delta R.T. -0.01 min
Lab File: BF096521.D
Acq: 6 Jul 2017 9:19

Instrument :
BNA_F
ClientSampleId :
E2-P4-NSW

Tgt Ion:172 Resp: 681896

Ion	Ratio	Lower	Upper
172	100		
171	35.6	29.6	44.4
170	24.0	19.8	29.8

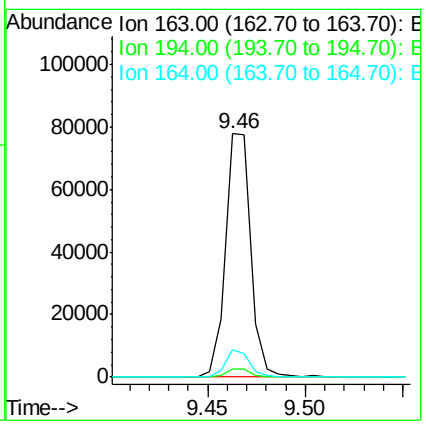


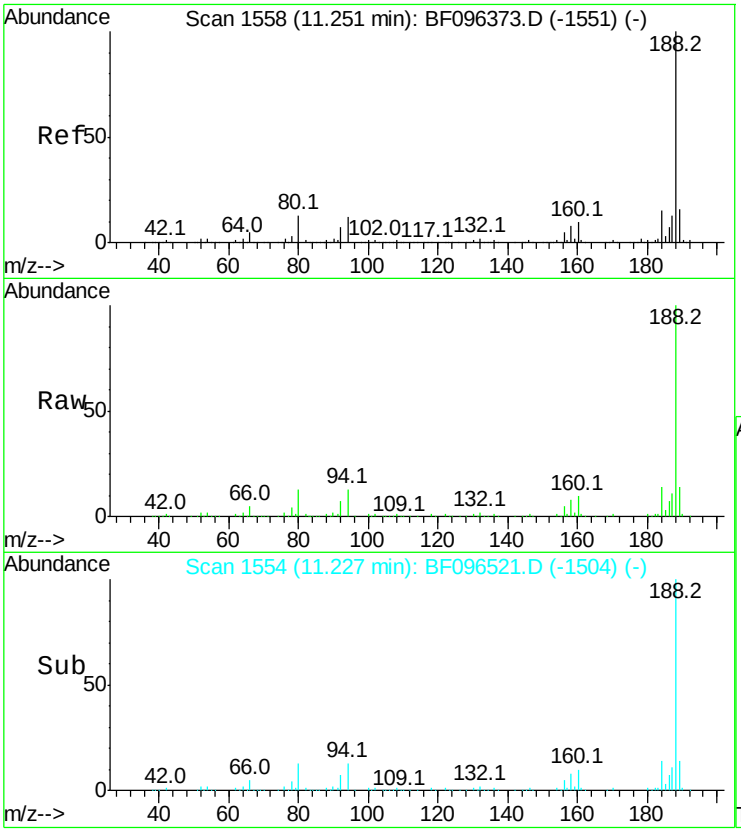


#49
Dimethylphthalate
Concen: 7.18 ng
RT: 9.46 min Scan# 1254
Delta R.T. -0.02 min
Lab File: BF096521.D
Acq: 6 Jul 2017 9:19

Tgt Ion:163 Resp: 69678

Ion	Ratio	Lower	Upper
163	100		
194	3.3	2.6	4.0
164	11.2	8.4	12.6



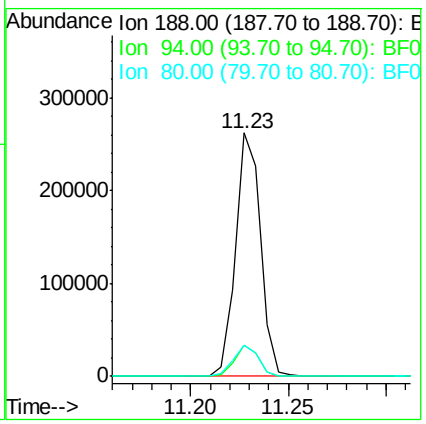


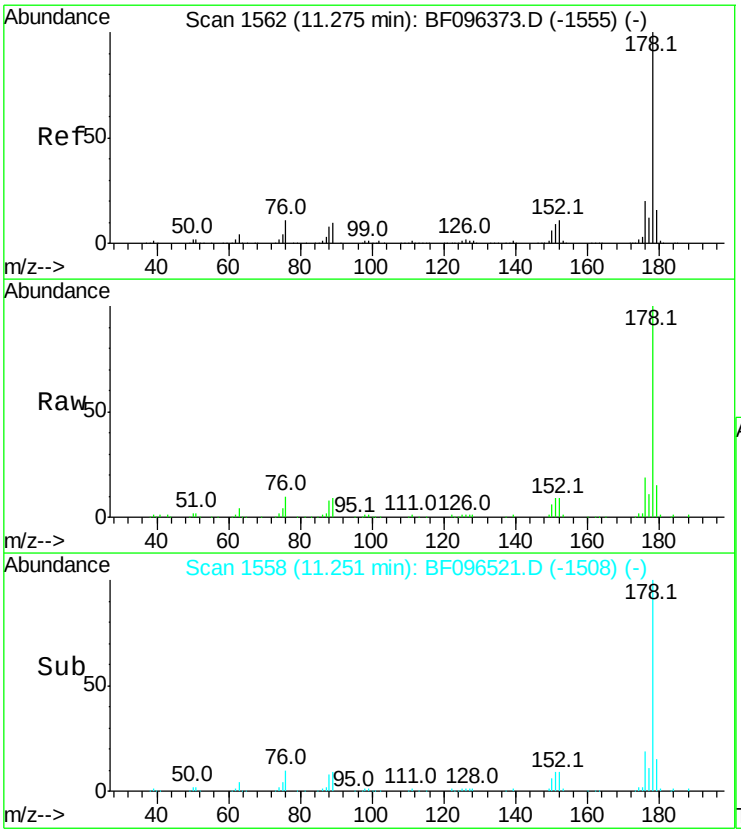
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.23 min Scan# 1554
Delta R.T. -0.01 min
Lab File: BF096521.D
Acq: 6 Jul 2017 9:19

Instrument :
BNA_F
ClientSampleId :
E2-P4-NSW

Tgt Ion:188 Resp: 231712

Ion	Ratio	Lower	Upper
188	100		
94	12.8	9.4	14.2
80	12.9	10.2	15.2

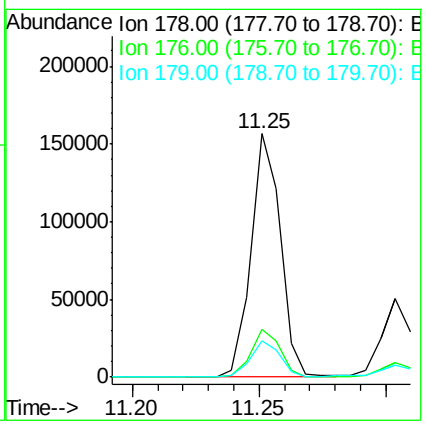


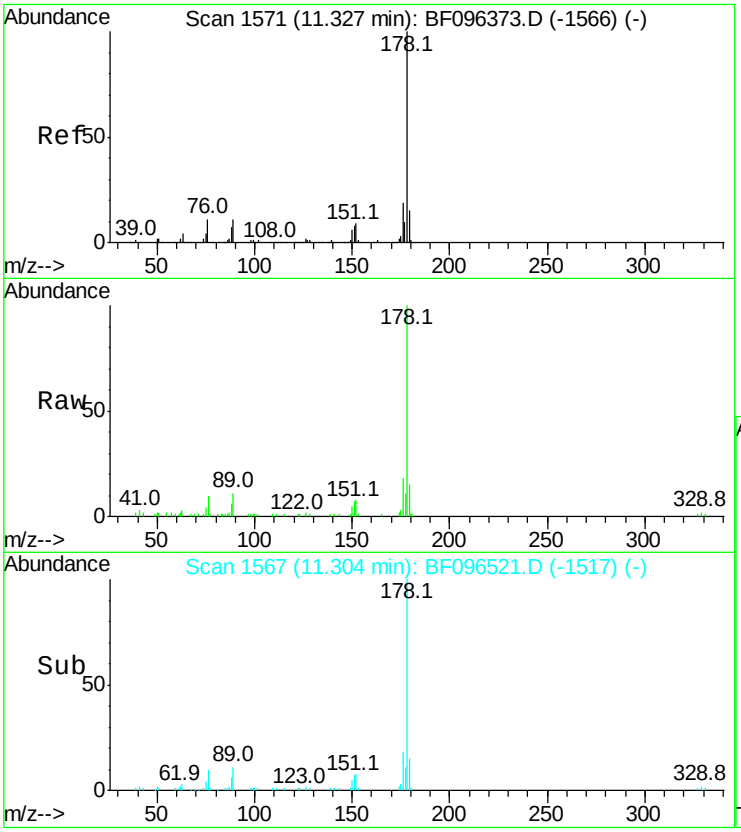


#70
Phenanthrene
Concen: 10.11 ng
RT: 11.25 min Scan# 1558
Delta R.T. -0.01 min
Lab File: BF096521.D
Acq: 6 Jul 2017 9:19

Tgt Ion:178 Resp: 126642

Ion	Ratio	Lower	Upper
178	100		
176	19.4	16.2	24.4
179	14.7	12.6	19.0



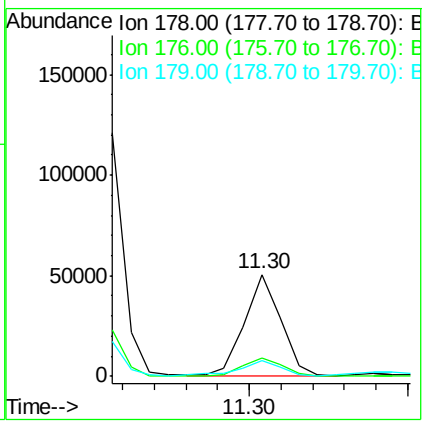


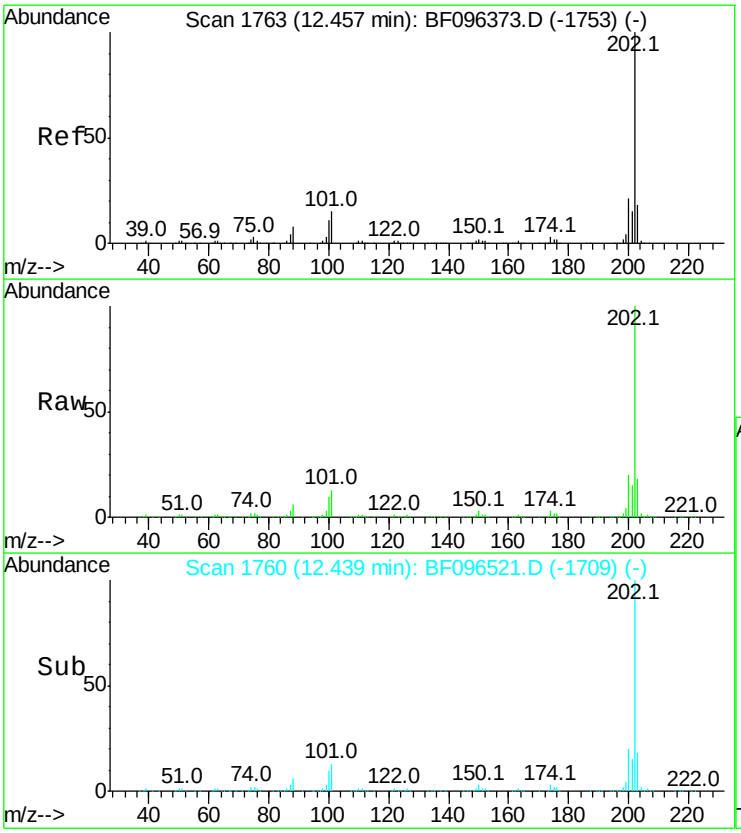
#71
Anthracene
Concen: 3.15 ng
RT: 11.30 min Scan# 1567
Delta R.T. -0.01 min
Lab File: BF096521.D
Acq: 6 Jul 2017 9:19

Instrument :
BNA_F
ClientSampleId :
E2-P4-NSW

Tgt Ion:178 Resp: 40194

Ion	Ratio	Lower	Upper
178	100		
176	18.3	15.8	23.8
179	15.2	12.7	19.1

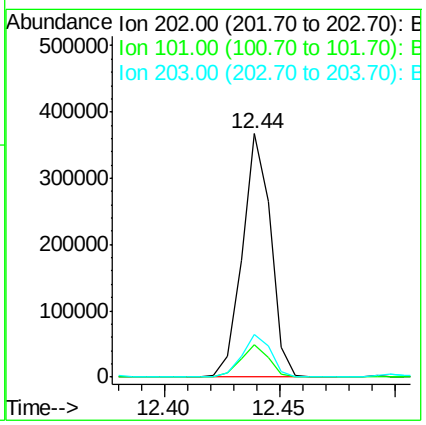


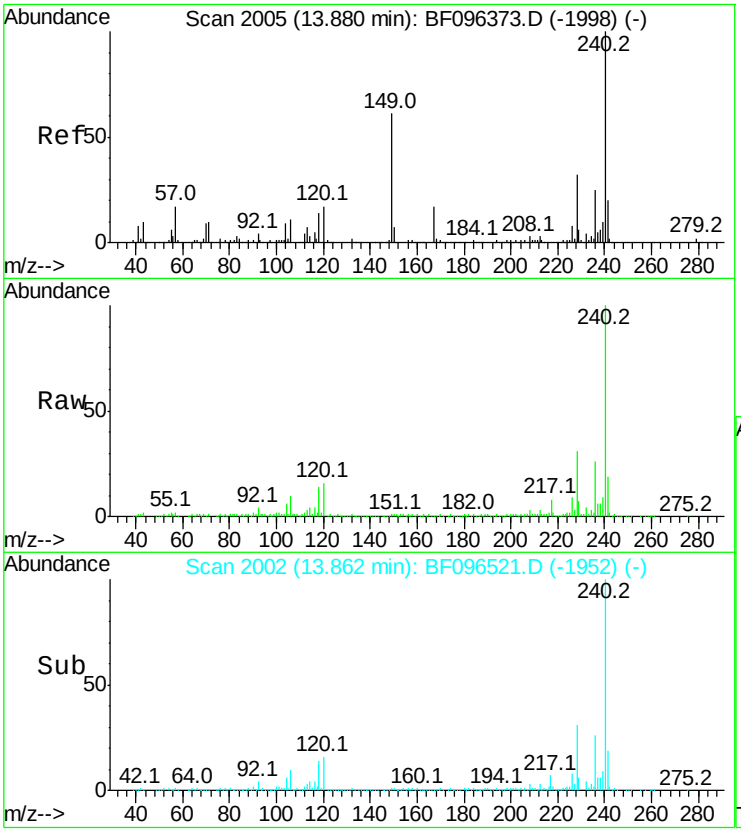


#74
Fluoranthene
Concen: 25.76 ng
RT: 12.44 min Scan# 1760
Delta R.T. -0.00 min
Lab File: BF096521.D
Acq: 6 Jul 2017 9:19

Tgt Ion:202 Resp: 316297

Ion	Ratio	Lower	Upper
202	100		
101	13.3	0.0	33.2
203	17.8	0.0	38.1



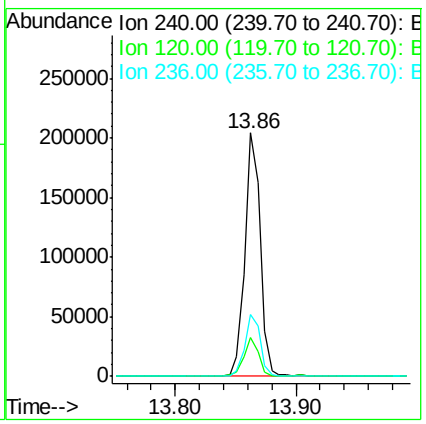


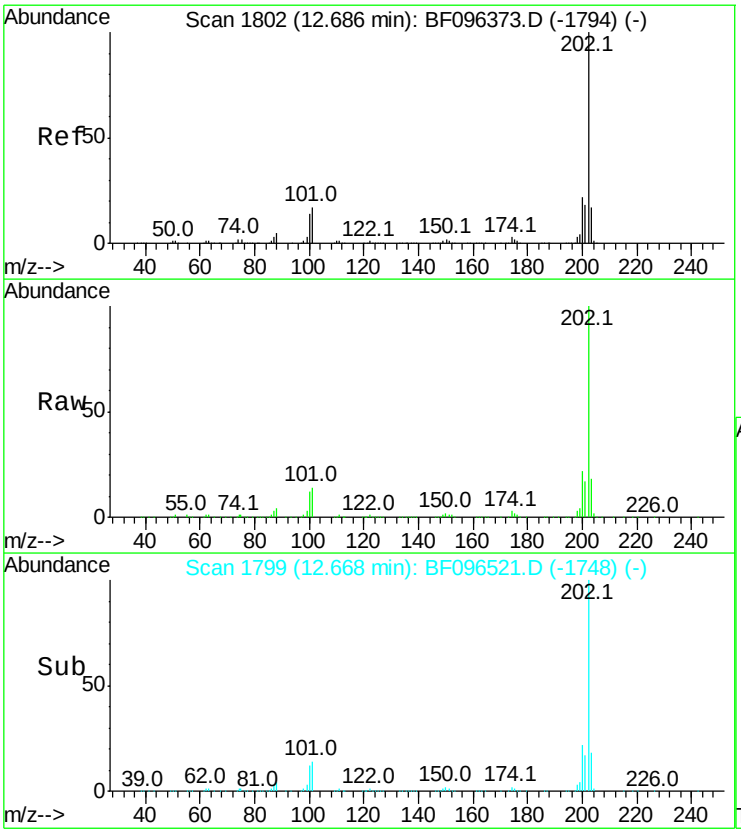
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.86 min Scan# 2002
Delta R.T. -0.01 min
Lab File: BF096521.D
Acq: 6 Jul 2017 9:19

Instrument :
BNA_F
ClientSampleId :
E2-P4-NSW

Tgt Ion:240 Resp: 183771

Ion	Ratio	Lower	Upper
240	100		
120	15.9	5.8	8.8#
236	25.5	20.5	30.7

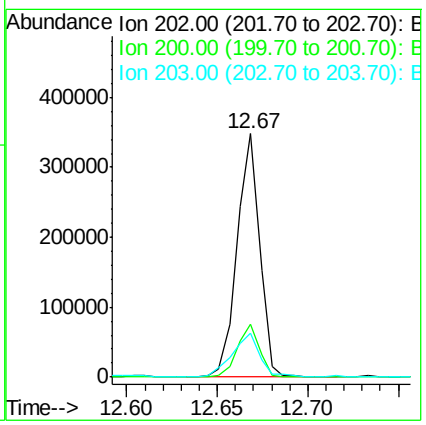


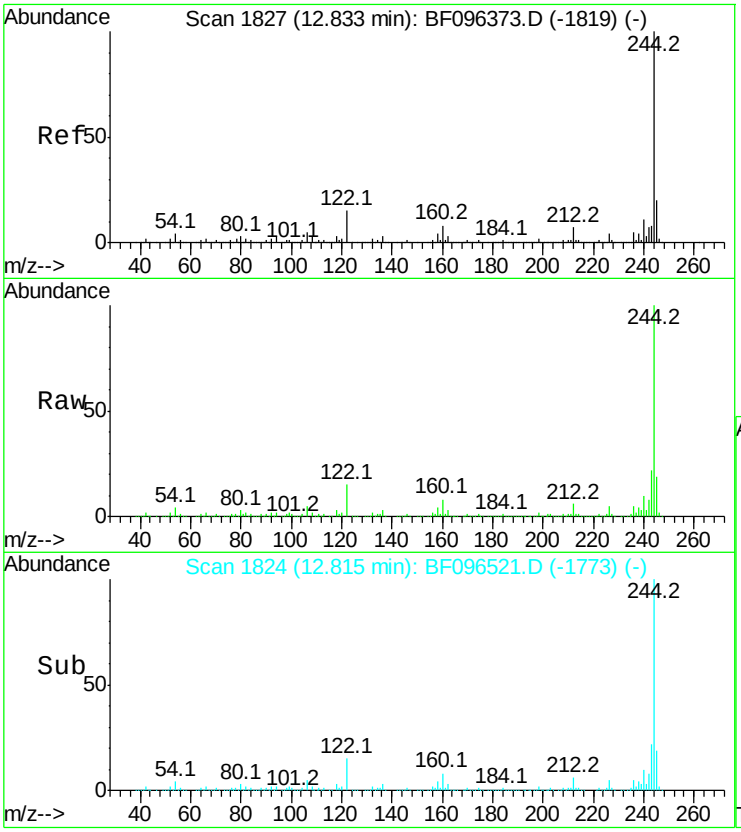


#77
Pyrene
Concen: 20.48 ng
RT: 12.67 min Scan# 1799
Delta R.T. -0.00 min
Lab File: BF096521.D
Acq: 6 Jul 2017 9:19

Tgt Ion:202 Resp: 302053

Ion	Ratio	Lower	Upper
202	100		
200	21.7	17.6	26.4
203	17.9	14.4	21.6



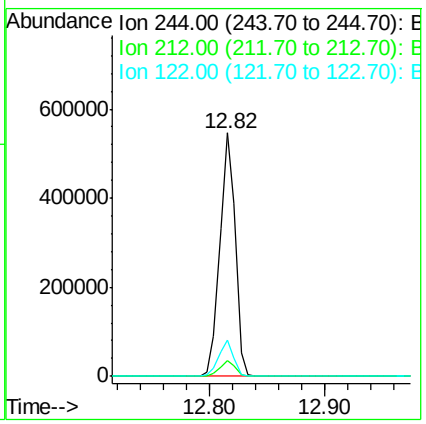


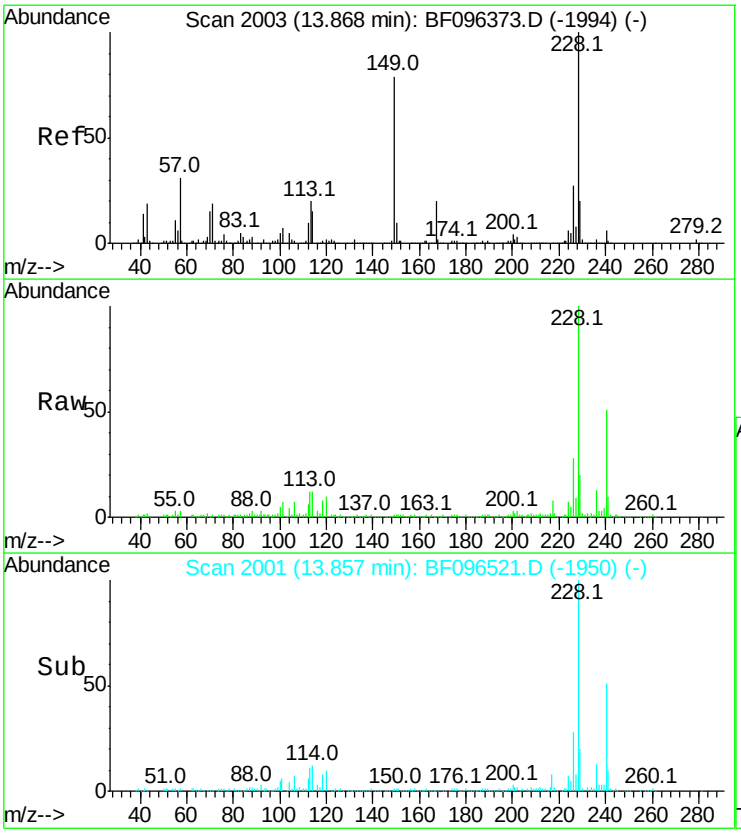
#78
Terphenyl-d14
Concen: 58.53 ng
RT: 12.82 min Scan# 1824
Delta R.T. -0.00 min
Lab File: BF096521.D
Acq: 6 Jul 2017 9:19

Instrument :
BNA_F
ClientSampleId :
E2-P4-NSW

Tgt Ion:244 Resp: 503405

Ion	Ratio	Lower	Upper
244	100		
212	6.2	6.0	9.0
122	15.0	10.3	15.5

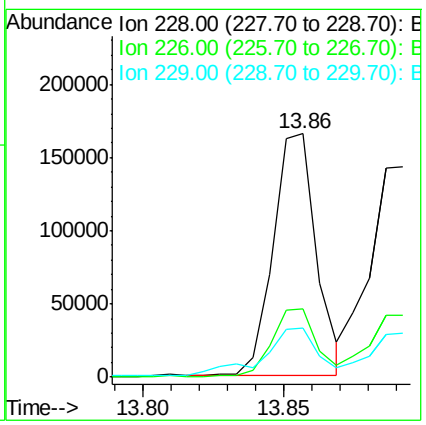


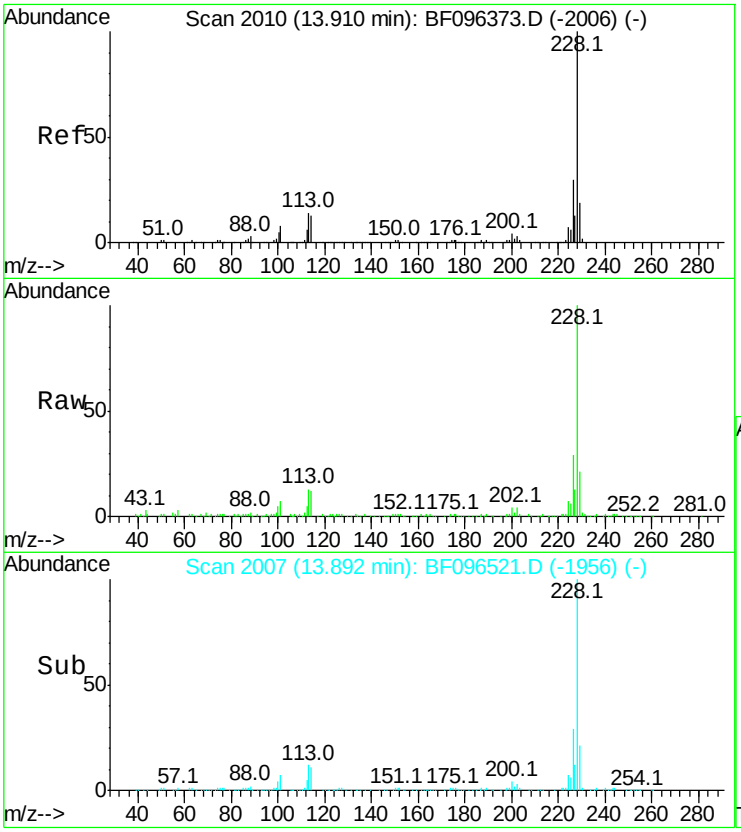


#80
Benzo(a)anthracene
Concen: 16.57 ng
RT: 13.86 min Scan# 2001
Delta R.T. -0.00 min
Lab File: BF096521.D
Acq: 6 Jul 2017 9:19

Tgt Ion:228 Resp: 176342

Ion	Ratio	Lower	Upper
228	100		
226	28.2	22.6	33.8
229	20.3	16.3	24.5



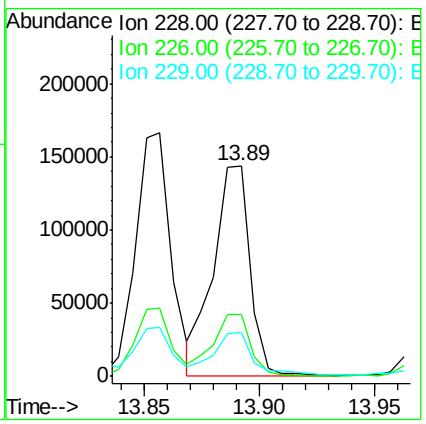


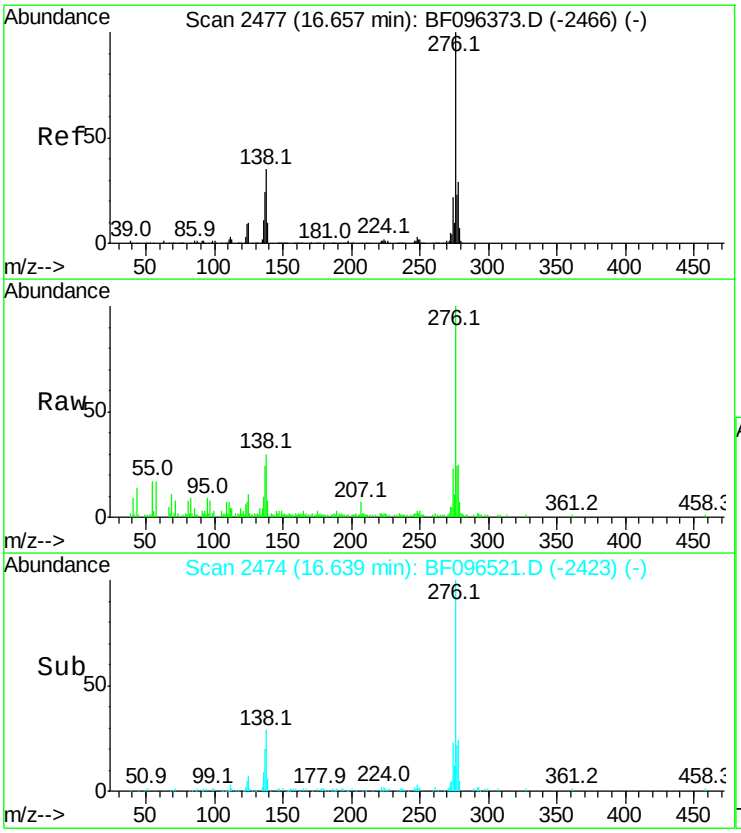
#82
Chrysene
Concen: 14.15 ng
RT: 13.89 min Scan# 2007
Delta R.T. -0.00 min
Lab File: BF096521.D
Acq: 6 Jul 2017 9:19

Instrument :
BNA_F
ClientSampleId :
E2-P4-NSW

Tgt Ion:228 Resp: 157683

Ion	Ratio	Lower	Upper
228	100		
226	29.2	24.9	37.3
229	21.1	15.8	23.6

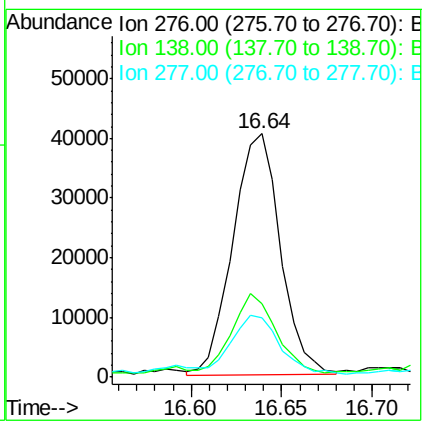


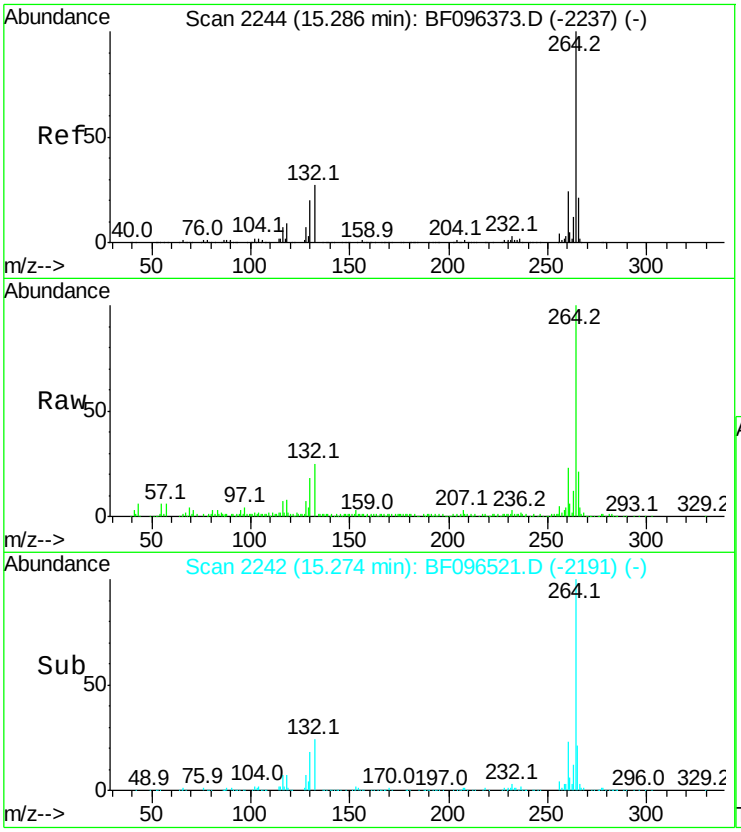


#85
Indeno(1,2,3-cd)pyrene
Concen: 8.42 ng
RT: 16.64 min Scan# 2474
Delta R.T. -0.00 min
Lab File: BF096521.D
Acq: 6 Jul 2017 9:19

Tgt Ion:276 Resp: 74052

Ion	Ratio	Lower	Upper
276	100		
138	30.5	27.8	41.6
277	24.8	20.2	30.4



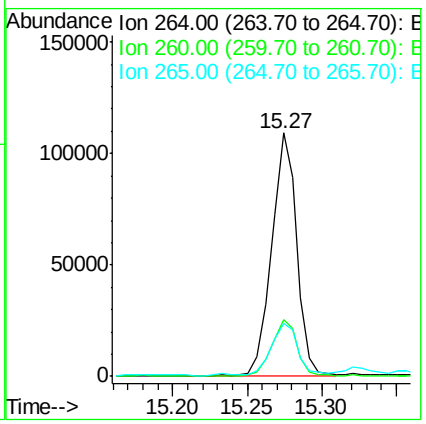


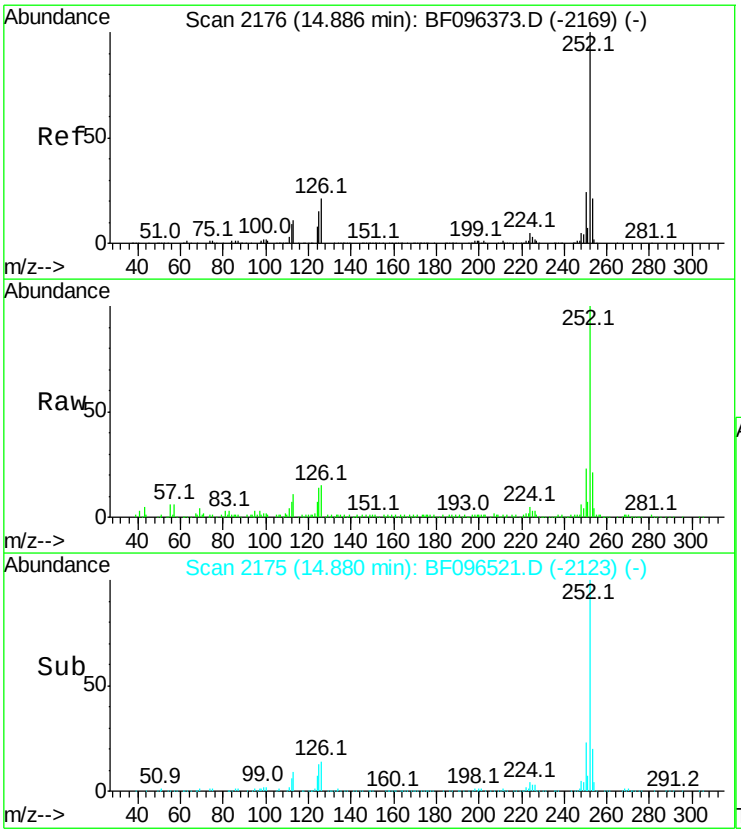
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.27 min Scan# 2242
Delta R.T. -0.00 min
Lab File: BF096521.D
Acq: 6 Jul 2017 9:19

Instrument :
BNA_F
ClientSampleId :
E2-P4-NSW

Tgt Ion:264 Resp: 128139

Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.5	29.3
265	21.5	17.2	25.8

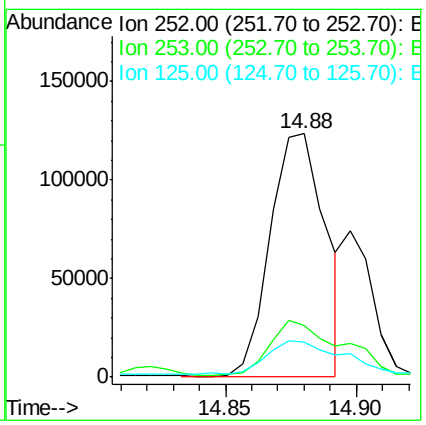


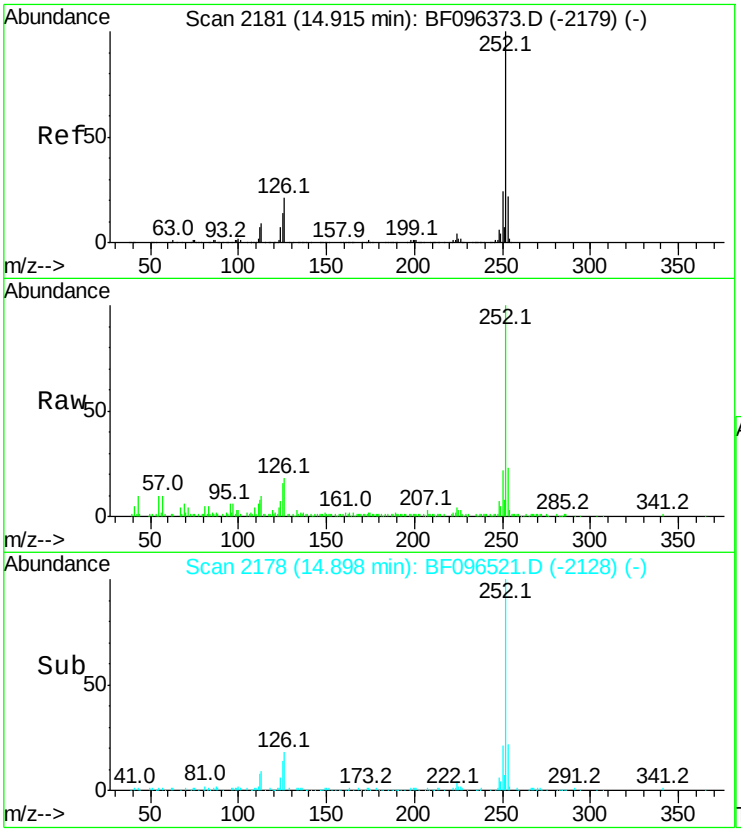


#87
Benzo(b)fluoranthene
Concen: 22.77 ng m
RT: 14.88 min Scan# 2175
Delta R.T. 0.01 min
Lab File: BF096521.D
Acq: 6 Jul 2017 9:19

Tgt Ion:252 Resp: 182854

Ion	Ratio	Lower	Upper
252	100		
253	21.2	18.1	27.1
125	14.3	9.8	14.8



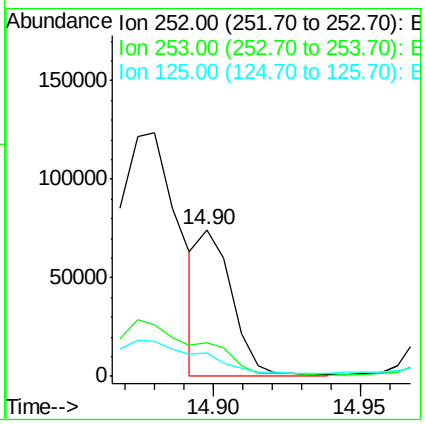


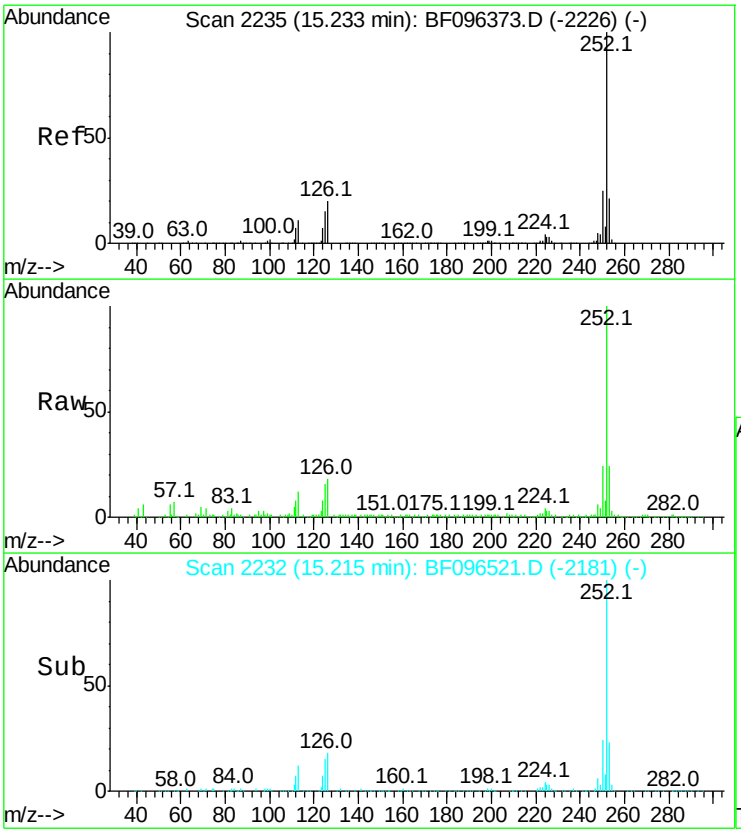
#88
Benzo(k)fluoranthene
Concen: 8.20 ng m
RT: 14.90 min Scan# 2178
Delta R.T. -0.01 min
Lab File: BF096521.D
Acq: 6 Jul 2017 9:19

Instrument :
BNA_F
ClientSampleId :
E2-P4-NSW

Tgt Ion:252 Resp: 58909

Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.4	27.6
125	16.0	13.1	19.7

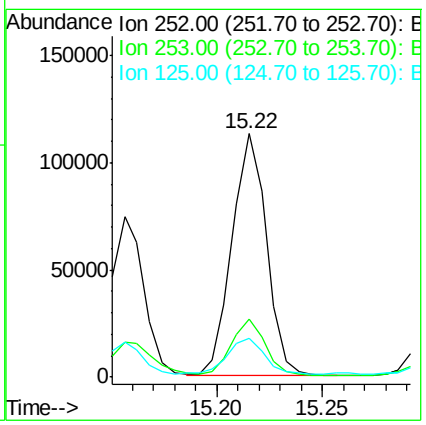


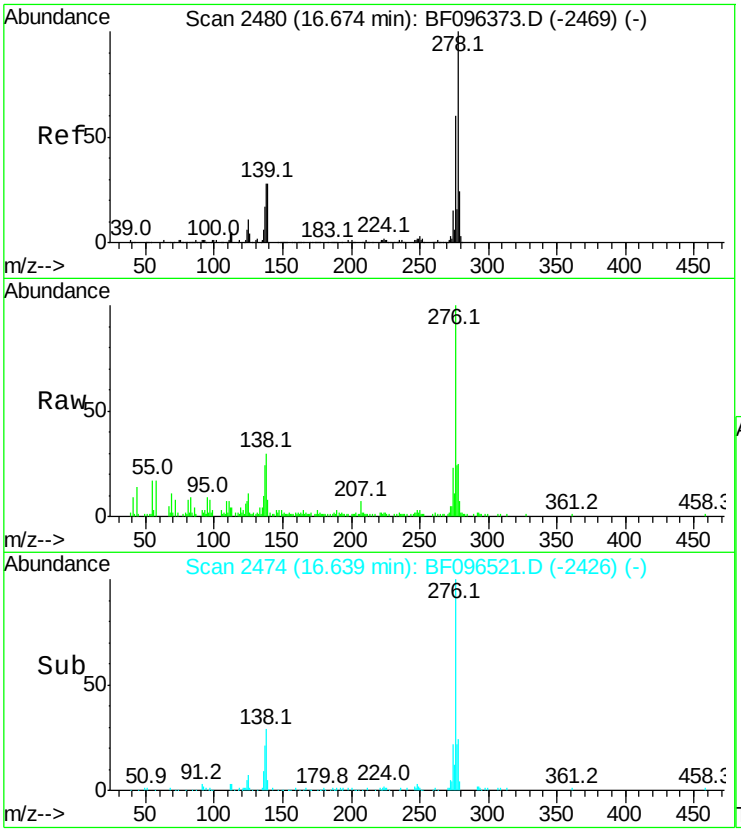


#89
Benzo(a)pyrene
Concen: 17.81 ng
RT: 15.22 min Scan# 2232
Delta R.T. -0.00 min
Lab File: BF096521.D
Acq: 6 Jul 2017 9:19

Tgt Ion:252 Resp: 127691

Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.5	26.3
125	16.1	11.0	16.4



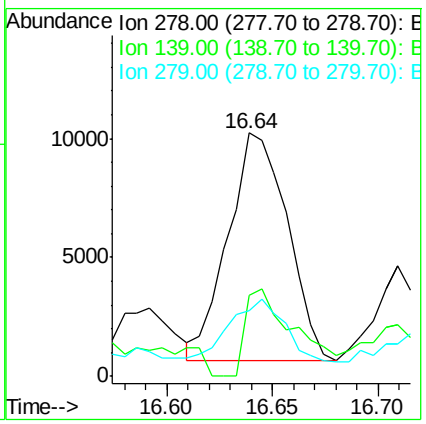


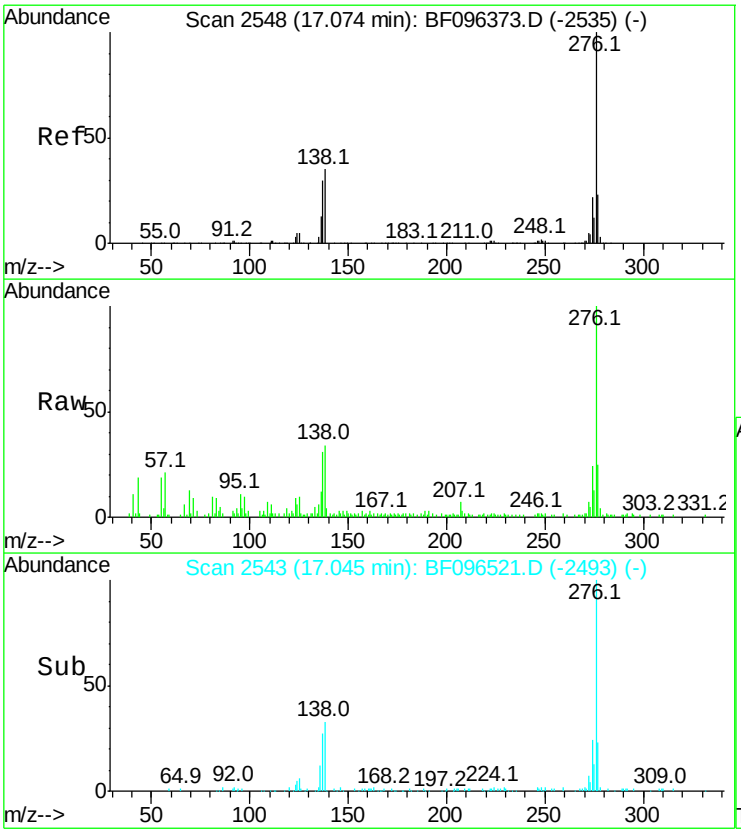
#90
Dibenzo(a,h)anthracene
Concen: 3.29 ng
RT: 16.64 min Scan# 2474
Delta R.T. -0.02 min
Lab File: BF096521.D
Acq: 6 Jul 2017 9:19

Instrument :
BNA_F
ClientSampleId :
E2-P4-NSW

Tgt Ion:278 Resp: 18563

Ion	Ratio	Lower	Upper
278	100		
139	33.2	16.6	24.8#
279	27.1	19.3	28.9





#91
Benzo(g,h,i)perylene
Concen: 11.86 ng
RT: 17.04 min Scan# 2543
Delta R.T. -0.01 min
Lab File: BF096521.D
Acq: 6 Jul 2017 9:19

Tgt Ion:276 Resp: 69317

Ion	Ratio	Lower	Upper
276	100		
277	25.1	18.6	28.0
138	34.1	25.4	38.0