Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\Data\BF061917\
Data File : BF096040.D
Acq On : 20 Jun 2017 11:44
Operator : SJ/MA
Sample : I3686-01 2X
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : E2-S5-NSW

Quant Time: Jun 20 14:02:13 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 16 17:12:03 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.30	152	60184	20.00	ng		-0.02
21) Naphthalene-d8	9.34	136	227926	20.00	ng		-0.02
38) Acenaphthene-d10	12.16	164	85259	20.00	ng		-0.02
63) Phenanthrene-d10	14.56	188	146954	20.00	ng		-0.01
75) Chrysene-d12	18.29	240	126428	20.00	ng		-0.01
86) Perylene-d12	19.96	264	90553	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.21	112	207717	55.00	ng		0.00
7) Phenol-d6	6.89	99	259553	57.40	ng		-0.02
23) Nitrobenzene-d5	8.23	82	120038	32.71	ng		-0.02
41) 2,4,6-Tribromophenol	13.46	330	36939	48.97	ng		-0.02
44) 2-Fluorobiphenyl	11.12	172	254036	41.46	ng		-0.02
78) Terphenyl-d14	16.93	244	197148	38.70	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	1.56	88	17381	9.673	ng	#	21
19) n-Nitroso-di-n-propylamine	8.23	70	13408	4.679	ng	#	69
48) Acenaphthylene	11.94	152	36496	3.887	ng		97
49) Dimethylphthalate	11.82	163	28621	4.421	ng		97
50) 2,6-Dinitrotoluene	12.16	165	10531	7.458	ng	#	31
70) Phenanthrene	14.60	178	59941	7.069	ng		98
71) Anthracene	14.69	178	37907	4.282	ng		98
74) Fluoranthene	16.38	202	349229	41.613	ng		99
77) Pyrene	16.69	202	304536	32.283	ng		98
80) Benzo(a)anthracene	18.27	228	142758	19.421	ng		97
82) Chrysene	18.32	228	109115	14.854	ng		98
85) Indeno(1,2,3-cd)pyrene	21.13	276	53558	8.521	ng		93
87) Benzo(b)fluoranthene	19.56	252	183094	32.291	ng	#	95
88) Benzo(k)fluoranthene	19.56	252	183094	33.783	ng		96
89) Benzo(a)pyrene	19.90	252	96211	18.461	ng		99
90) Dibenzo(a,h)anthracene	20.97	278	11156	2.524	ng		97
91) Benzo(g,h,i)perylene	21.46	276	43475	9.646	ng		97

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\Data\BF061917\
Data File : BF096040.D
Acq On : 20 Jun 2017 11:44
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Sample : I3686-01 2X
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
E2-S5-NSW

Quant Time: Jun 20 14:02:13 2017
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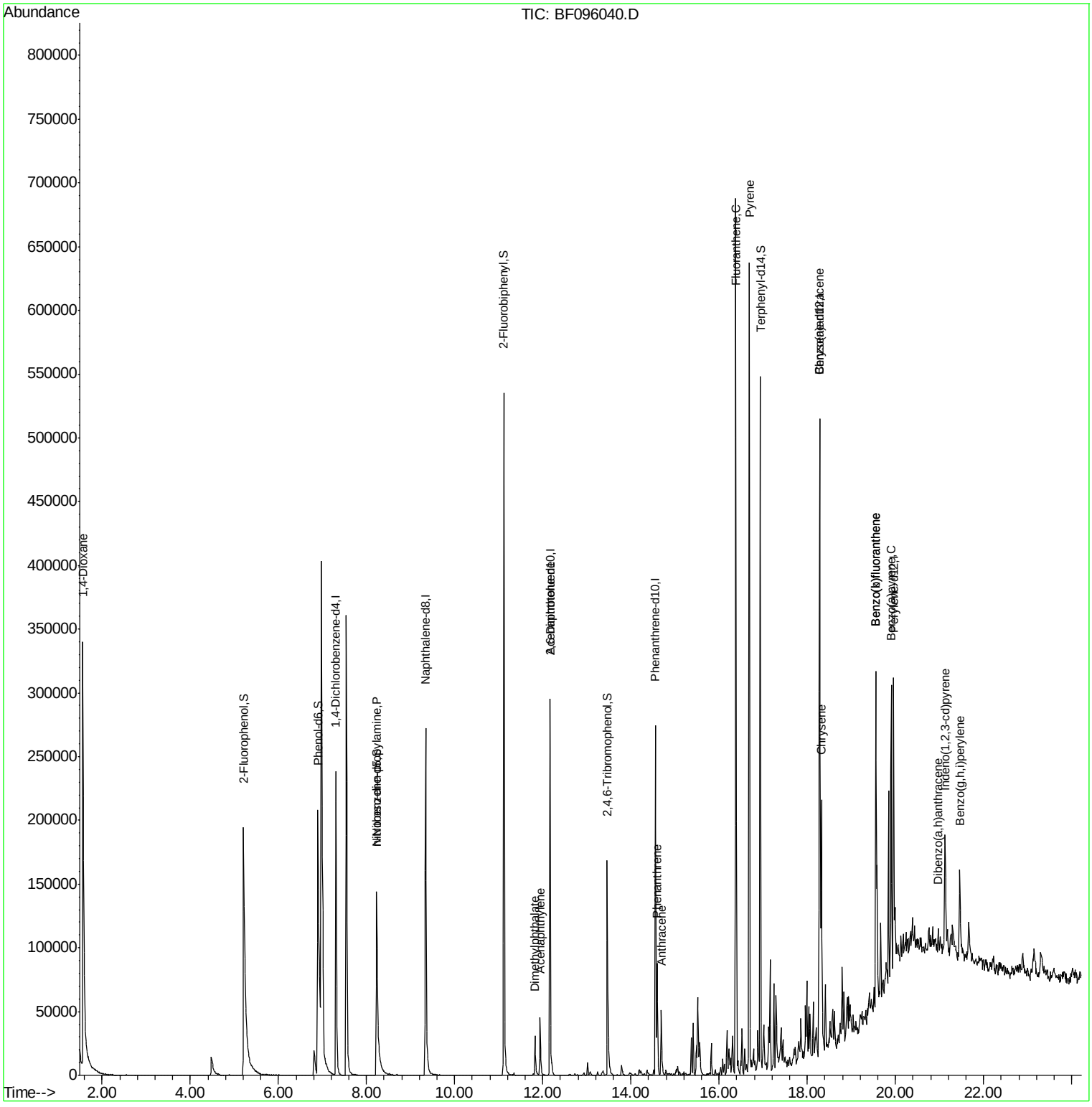
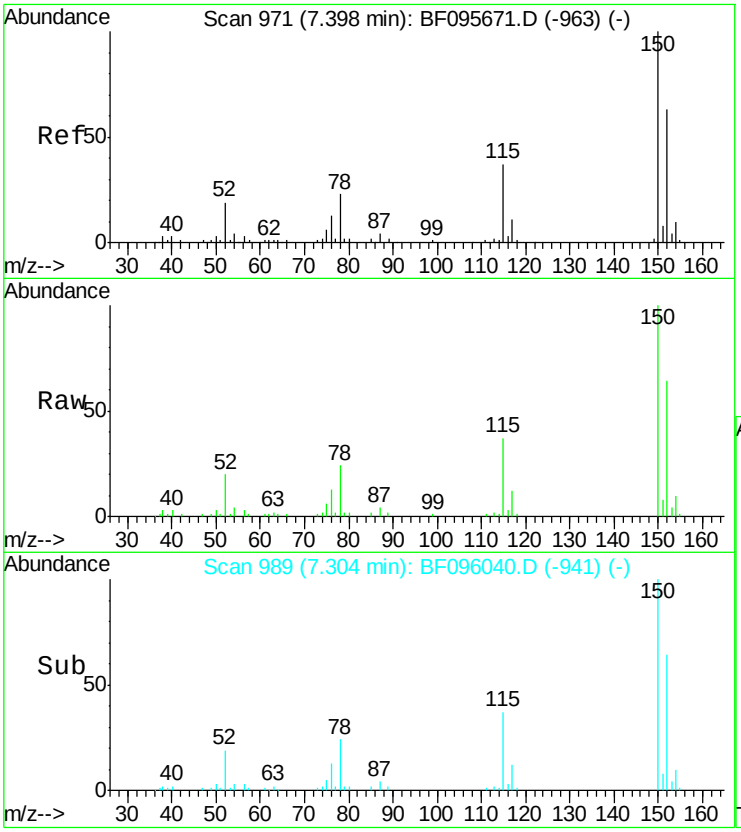
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 16 17:12:03 2017
Response via : Initial Calibration



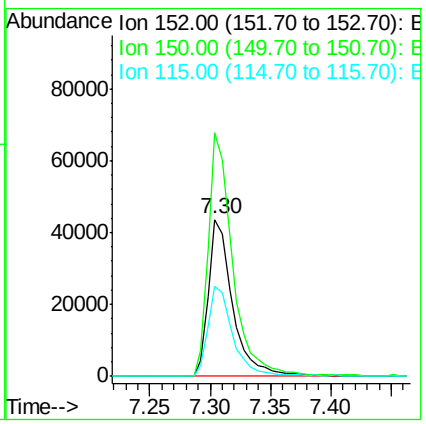


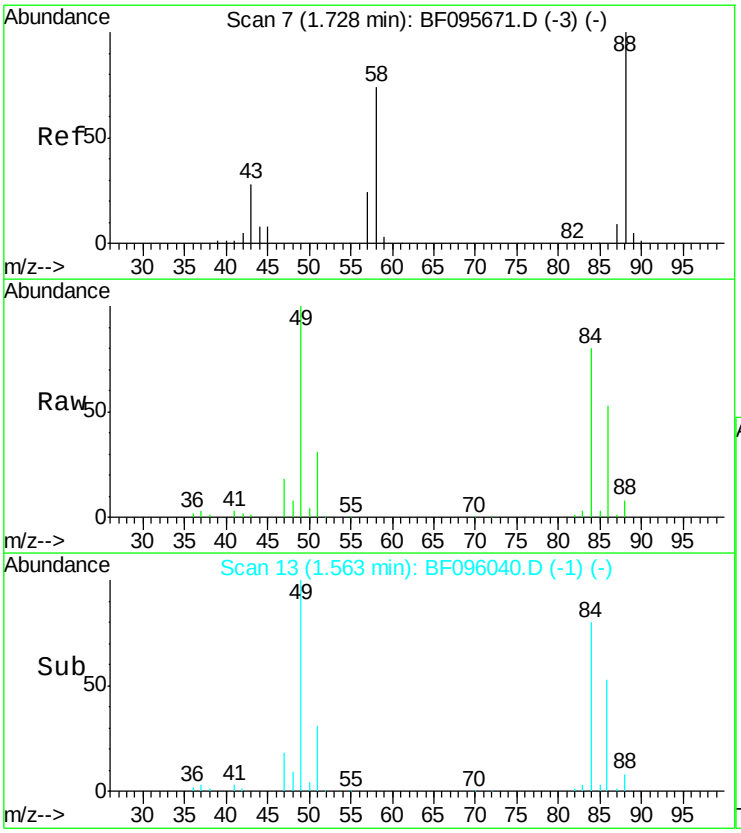
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.30 min Scan# 989
Delta R.T. -0.02 min
Lab File: BF096040.D
Acq: 20 Jun 2017 11:44

Instrument :
BNA_F
ClientSampleId :
E2-S5-NSW

Tgt Ion:152 Resp: 60184

Ion	Ratio	Lower	Upper
152	100		
150	155.5	126.2	189.2
115	57.6	52.2	78.2

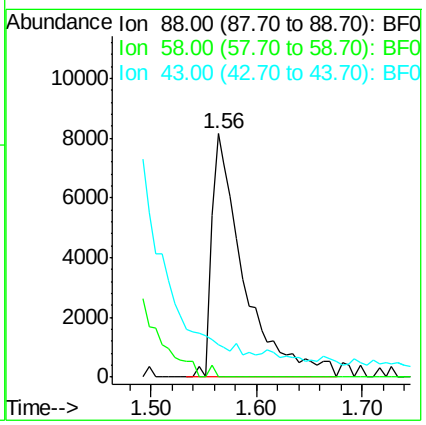


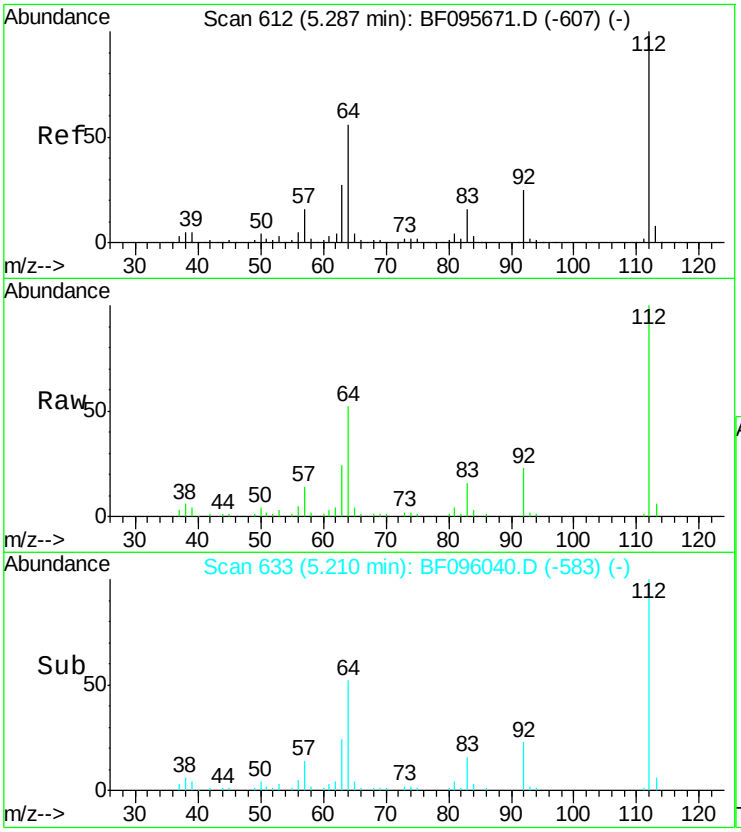


#2
1,4-Dioxane
Concen: 9.673 ng
RT: 1.56 min Scan# 13
Delta R.T. -0.07 min
Lab File: BF096040.D
Acq: 20 Jun 2017 11:44

Tgt Ion: 88 Resp: 17381

Ion	Ratio	Lower	Upper
88	100		
58	0.8	61.4	92.0#
43	0.0	23.4	35.0#



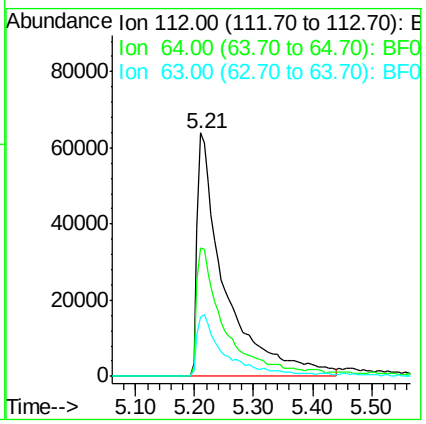


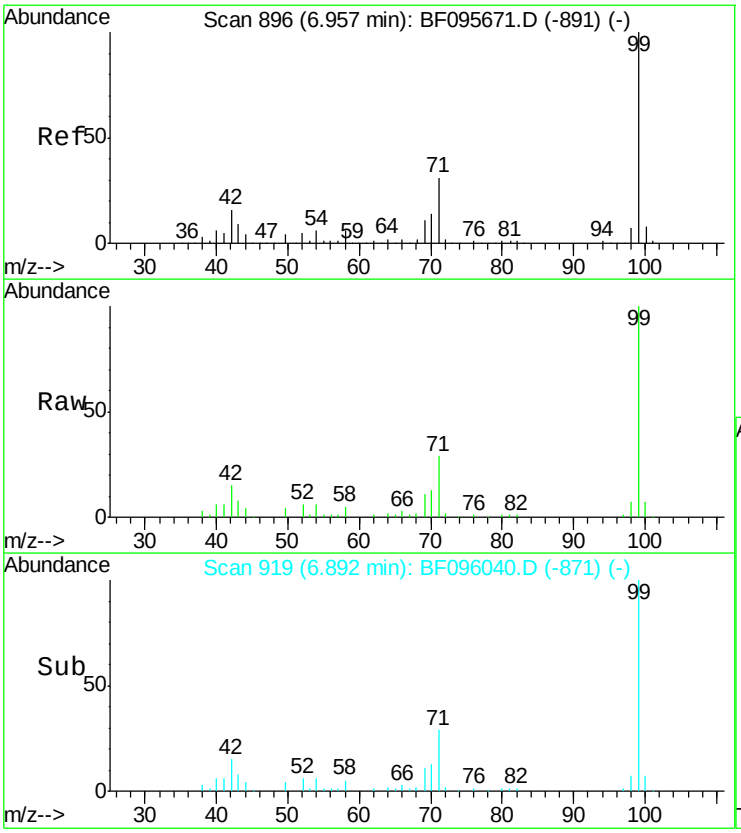
#5
2-Fluorophenol
Concen: 54.996 ng
RT: 5.21 min Scan# 633
Delta R.T. -0.01 min
Lab File: BF096040.D
Acq: 20 Jun 2017 11:44

Instrument :
BNA_F
ClientSampleId :
E2-S5-NSW

Tgt Ion:112 Resp: 207717

Ion	Ratio	Lower	Upper
112	100		
64	52.5	46.0	69.0
63	24.4	23.4	35.0

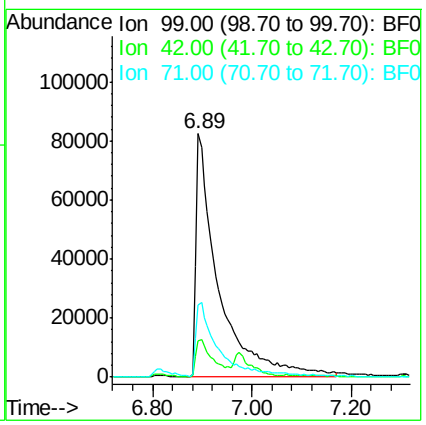


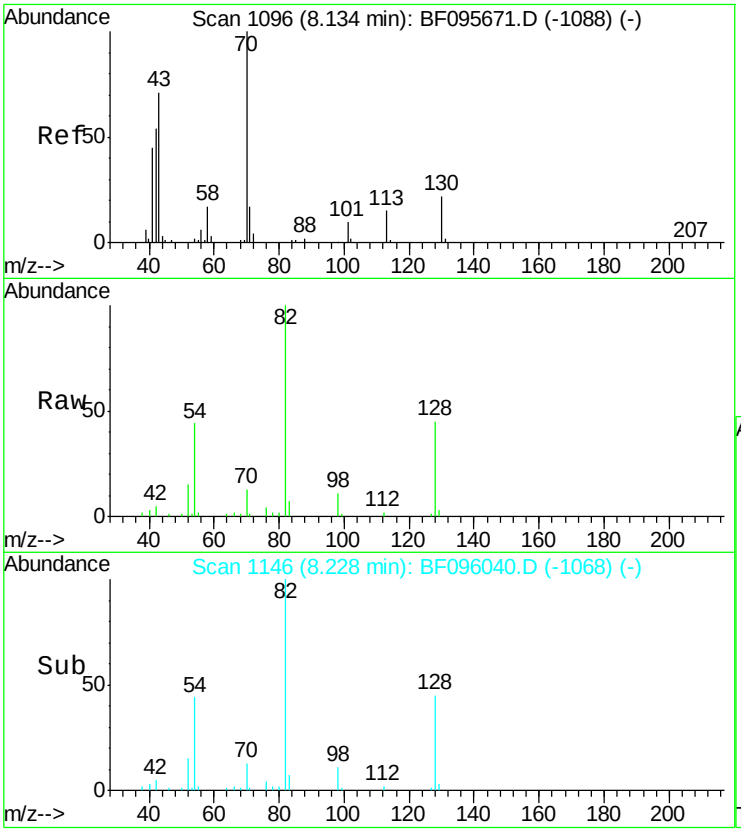


#7
Phenol-d6
Concen: 57.402 ng
RT: 6.89 min Scan# 919
Delta R.T. -0.02 min
Lab File: BF096040.D
Acq: 20 Jun 2017 11:44

Tgt Ion: 99 Resp: 259553

Ion	Ratio	Lower	Upper
99	100		
42	14.8	13.5	20.3
71	29.4	24.5	36.7



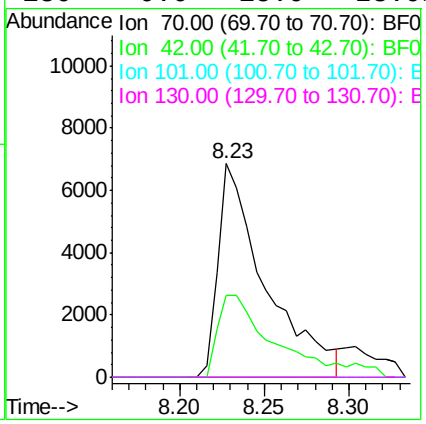


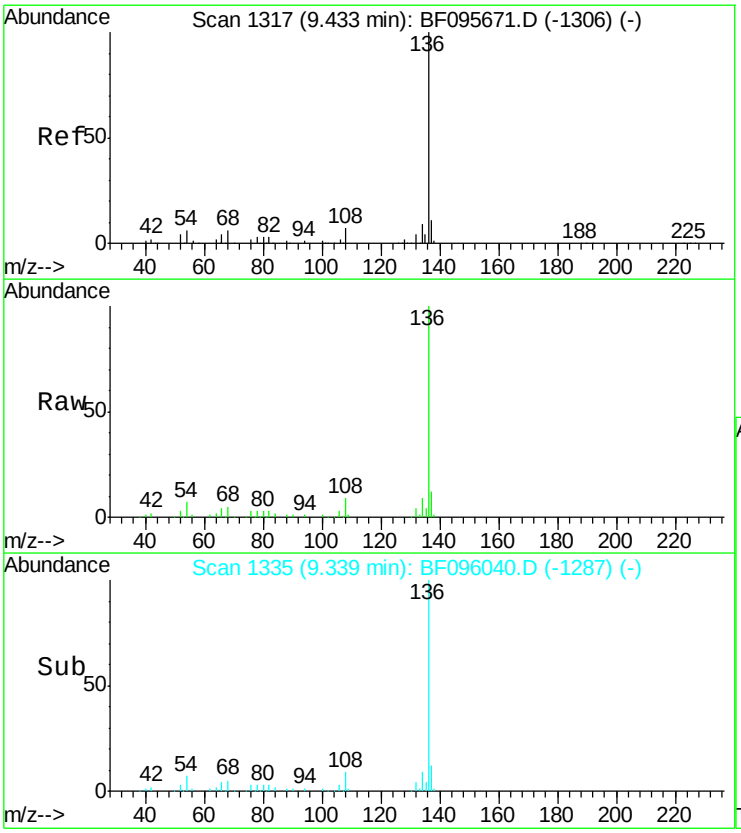
#19
n-Nitroso-di-n-propylamine
Concen: 4.679 ng
RT: 8.23 min Scan# 1146
Delta R.T. 0.16 min
Lab File: BF096040.D
Acq: 20 Jun 2017 11:44

Instrument :
BNA_F
ClientSampleId :
E2-S5-NSW

Tgt Ion: 70 Resp: 13408

Ion	Ratio	Lower	Upper
70	100		
42	38.2	47.2	70.8#
101	0.0	7.2	10.8#
130	0.0	15.9	23.9#

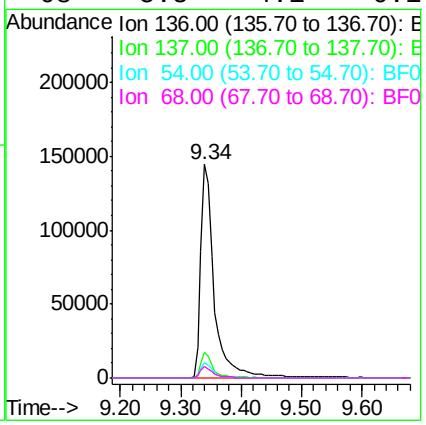


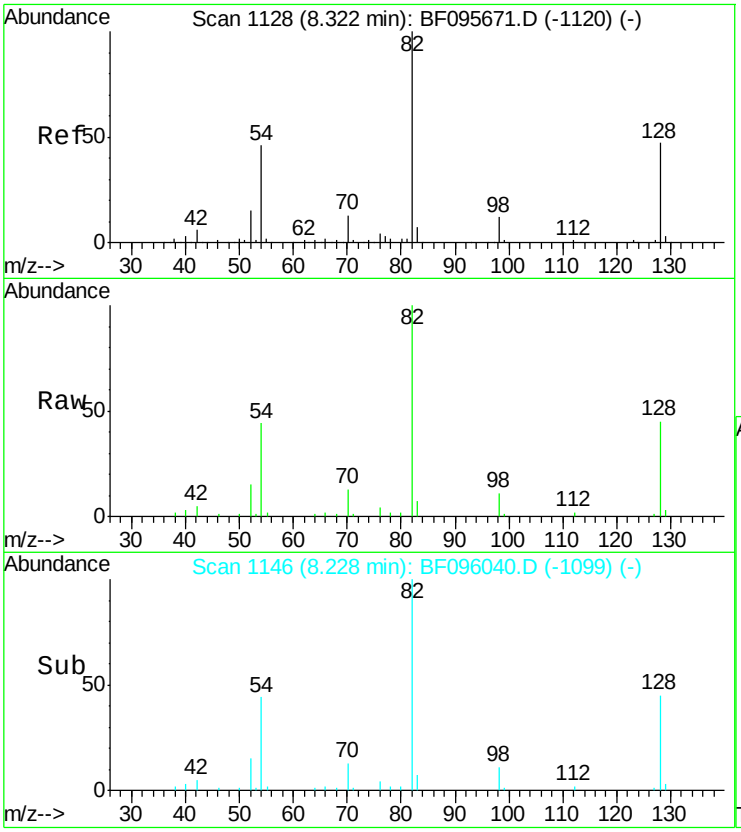


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 9.34 min Scan# 1335
Delta R.T. -0.02 min
Lab File: BF096040.D
Acq: 20 Jun 2017 11:44

Tgt Ion:136 Resp: 227926

Ion	Ratio	Lower	Upper
136	100		
137	11.8	8.5	12.7
54	7.1	4.9	7.3
68	5.5	4.1	6.1



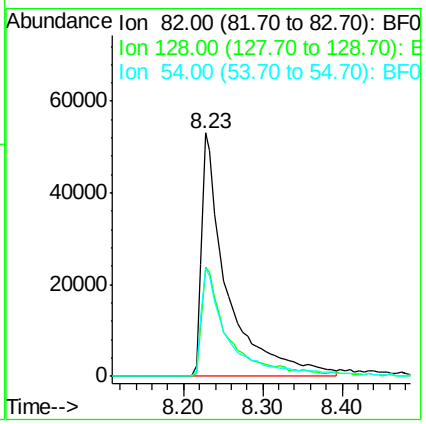


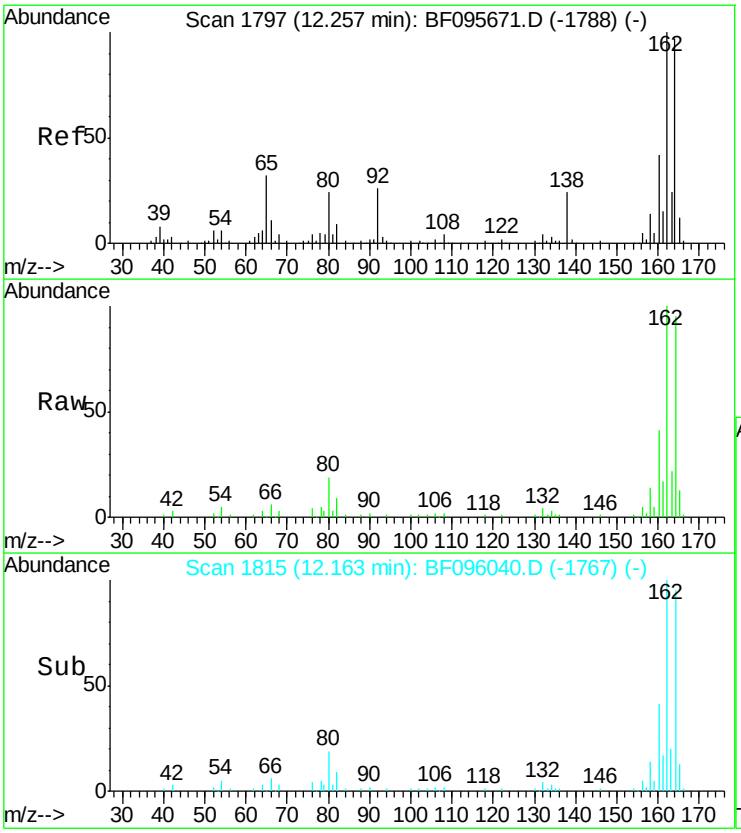
#23
Nitrobenzene-d5
Concen: 32.708 ng
RT: 8.23 min Scan# 1146
Delta R.T. -0.02 min
Lab File: BF096040.D
Acq: 20 Jun 2017 11:44

Instrument :
BNA_F
ClientSampleId :
E2-S5-NSW

Tgt Ion: 82 Resp: 120038

Ion	Ratio	Lower	Upper
82	100		
128	44.9	34.0	51.0
54	44.4	42.2	63.2

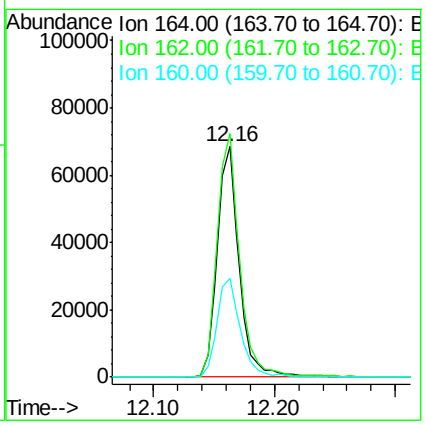


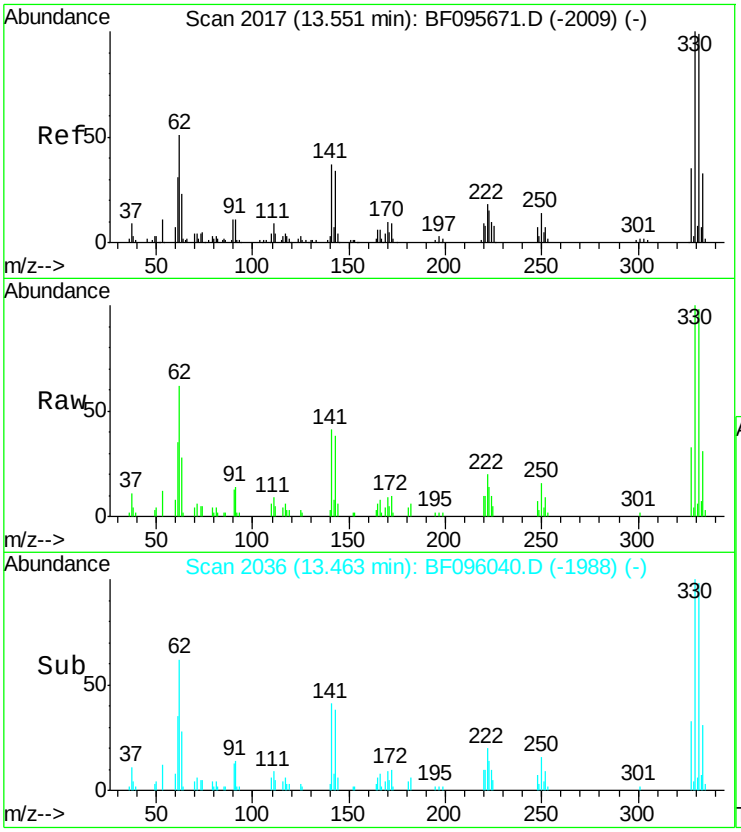


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 12.16 min Scan# 1815
Delta R.T. -0.02 min
Lab File: BF096040.D
Acq: 20 Jun 2017 11:44

Tgt Ion:164 Resp: 85259

Ion	Ratio	Lower	Upper
164	100		
162	105.6	82.6	123.8
160	43.0	36.2	54.2



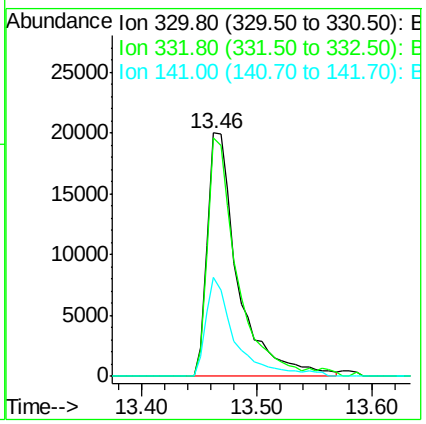


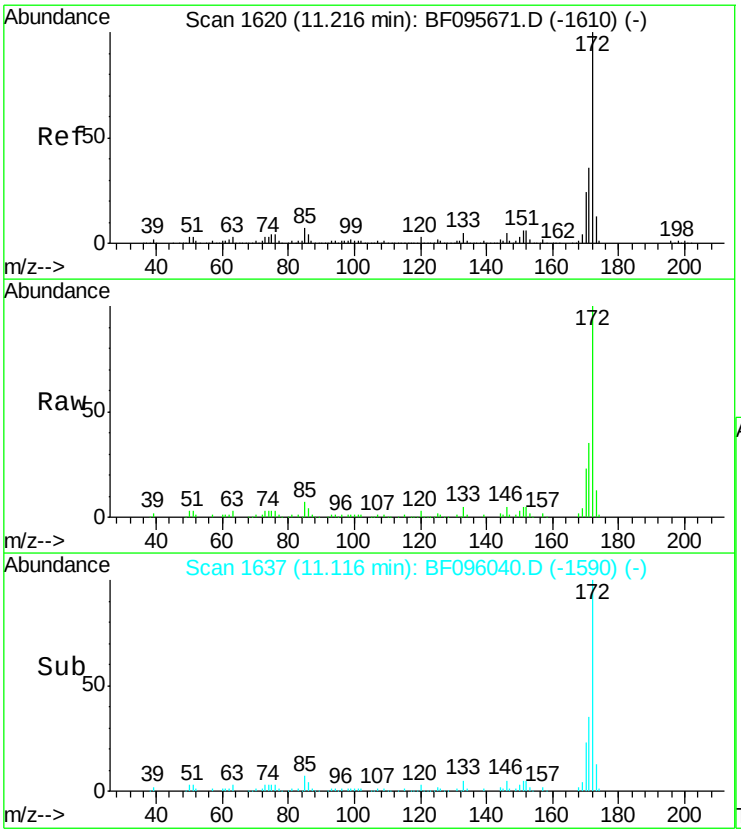
#41
2,4,6-Tribromophenol
Concen: 48.968 ng
RT: 13.46 min Scan# 2036
Delta R.T. -0.02 min
Lab File: BF096040.D
Acq: 20 Jun 2017 11:44

Instrument :
BNA_F
ClientSampleId :
E2-S5-NSW

Tgt Ion:330 Resp: 36939

Ion	Ratio	Lower	Upper
330	100		
332	95.9	76.6	115.0
141	38.6	31.4	47.2

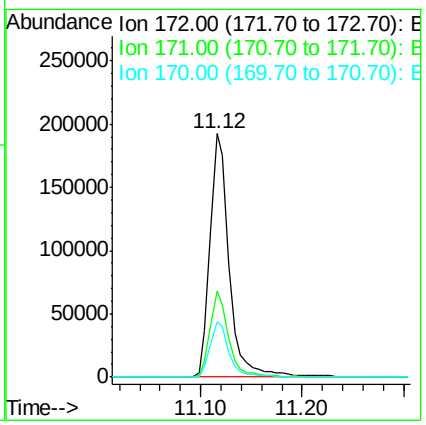


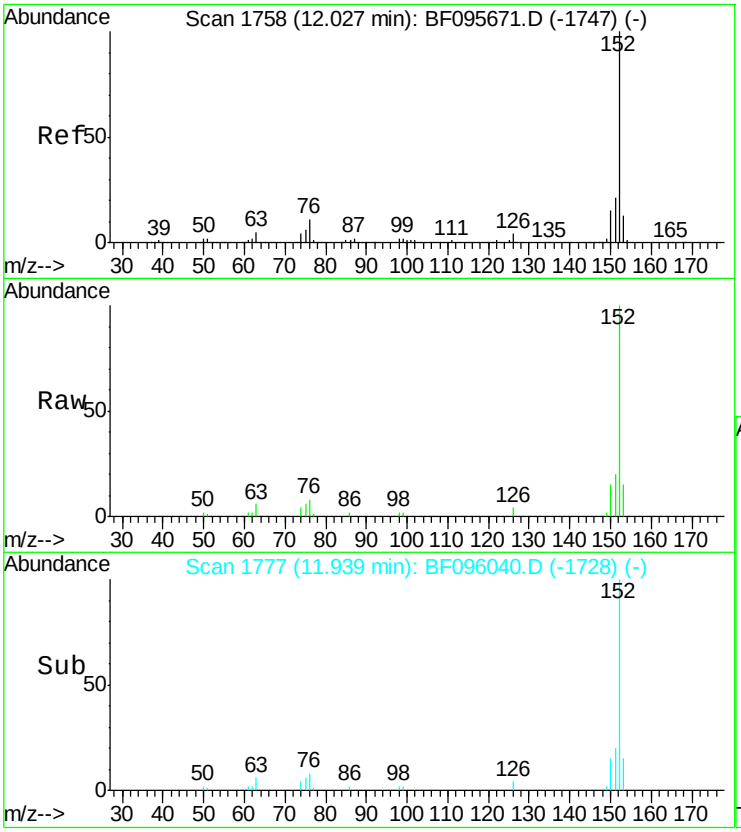


#44
2-Fluorobiphenyl
Concen: 41.463 ng
RT: 11.12 min Scan# 1637
Delta R.T. -0.02 min
Lab File: BF096040.D
Acq: 20 Jun 2017 11:44

Tgt Ion:172 Resp: 254036

Ion	Ratio	Lower	Upper
172	100		
171	35.2	29.6	44.4
170	22.6	19.8	29.8



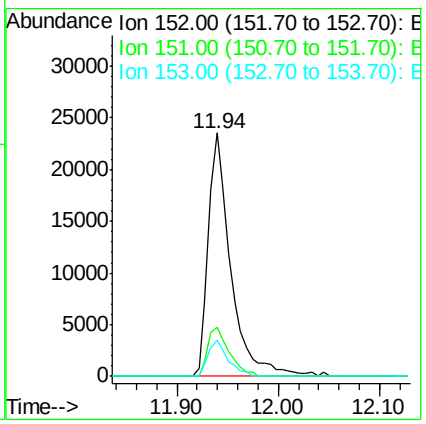


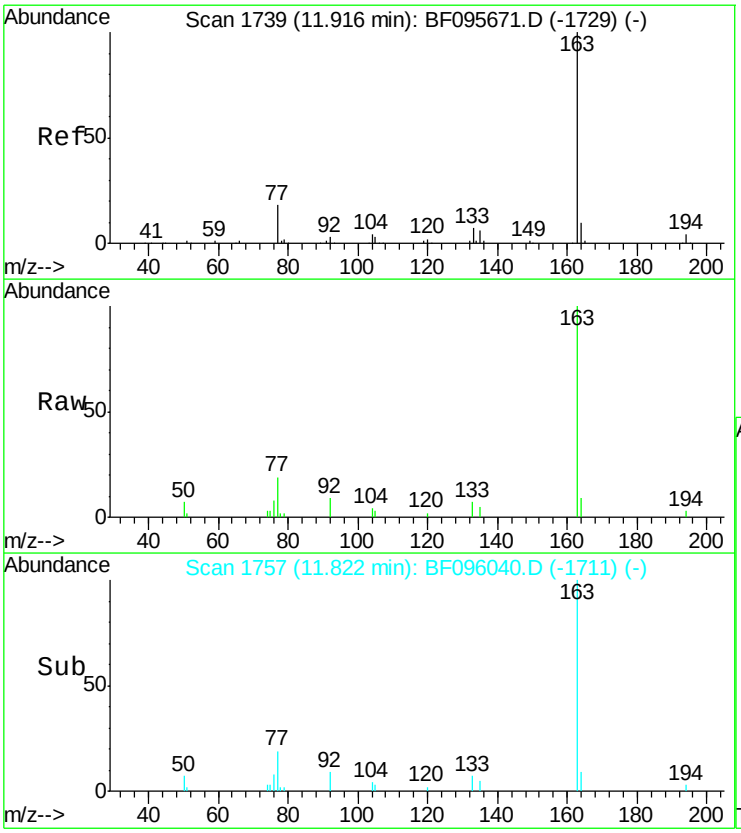
#48
Acenaphthylene
Concen: 3.887 ng
RT: 11.94 min Scan# 1777
Delta R.T. -0.01 min
Lab File: BF096040.D
Acq: 20 Jun 2017 11:44

Instrument :
BNA_F
ClientSampleId :
E2-S5-NSW

Tgt Ion:152 Resp: 36496

Ion	Ratio	Lower	Upper
152	100		
151	20.1	16.8	25.2
153	14.9	10.8	16.2

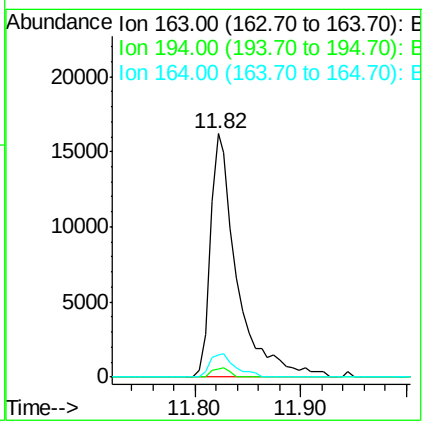


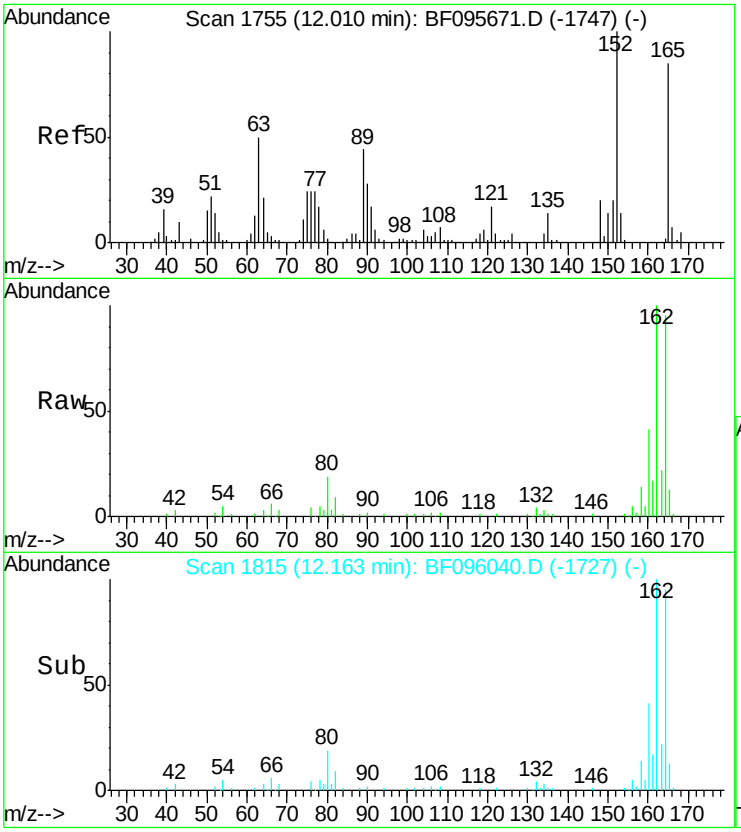


#49
Dimethylphthalate
Concen: 4.421 ng
RT: 11.82 min Scan# 1757
Delta R.T. -0.03 min
Lab File: BF096040.D
Acq: 20 Jun 2017 11:44

Tgt Ion:163 Resp: 28621

Ion	Ratio	Lower	Upper
163	100		
194	3.2	2.6	4.0
164	9.1	8.4	12.6



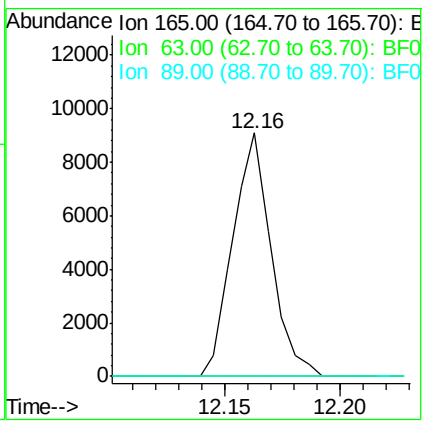


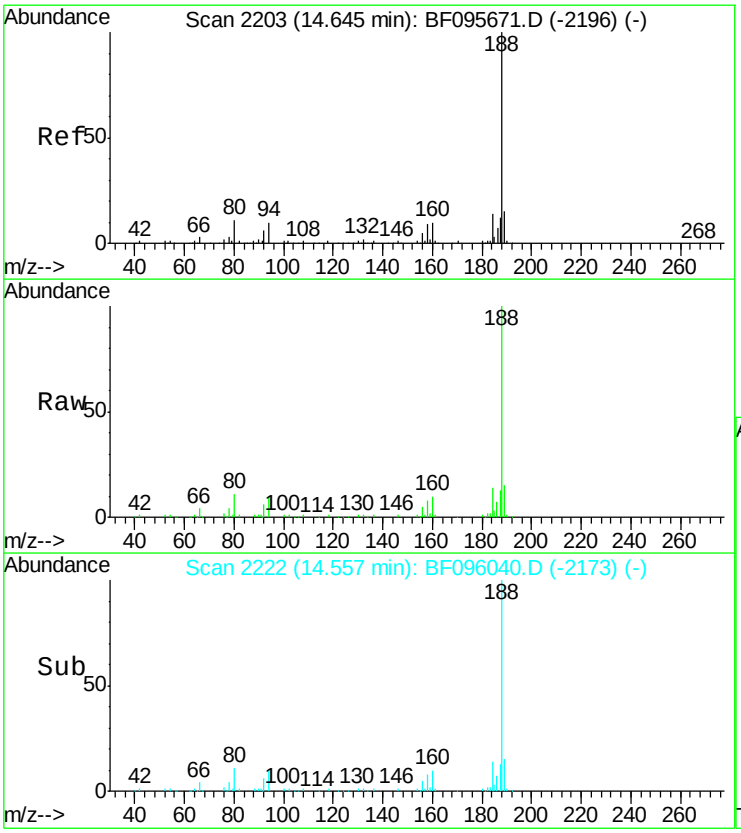
#50
2,6-Dinitrotoluene
Concen: 7.458 ng
RT: 12.16 min Scan# 1815
Delta R.T. 0.22 min
Lab File: BF096040.D
Acq: 20 Jun 2017 11:44

Instrument :
BNA_F
ClientSampleId :
E2-S5-NSW

Tgt Ion:165 Resp: 10531

Ion	Ratio	Lower	Upper
165	100		
63	0.0	34.3	51.5#
89	0.0	37.1	55.7#

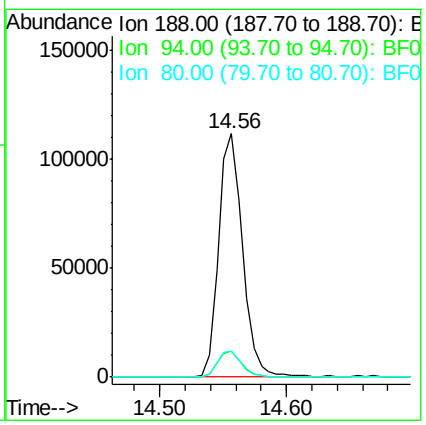


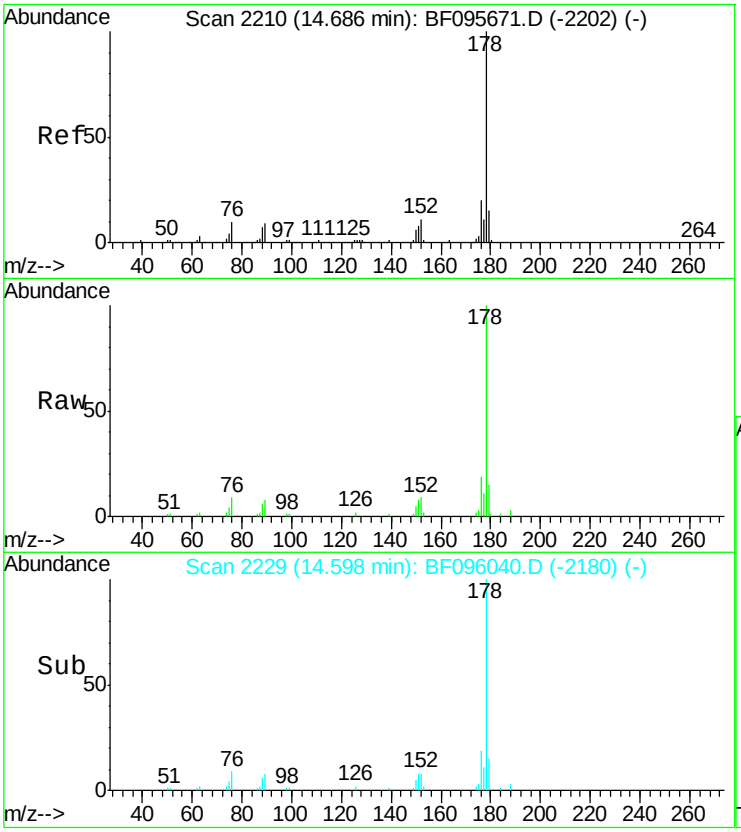


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 14.56 min Scan# 2222
Delta R.T. -0.01 min
Lab File: BF096040.D
Acq: 20 Jun 2017 11:44

Tgt Ion:188 Resp: 146954

Ion	Ratio	Lower	Upper
188	100		
94	10.5	9.4	14.2
80	10.9	10.2	15.2



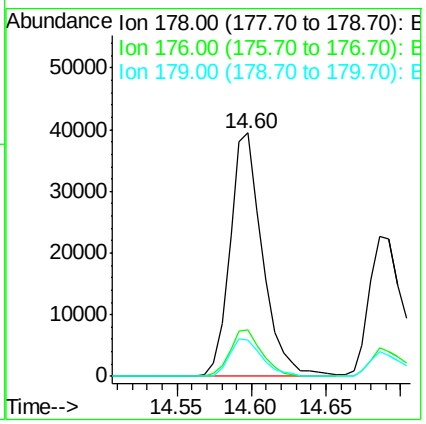


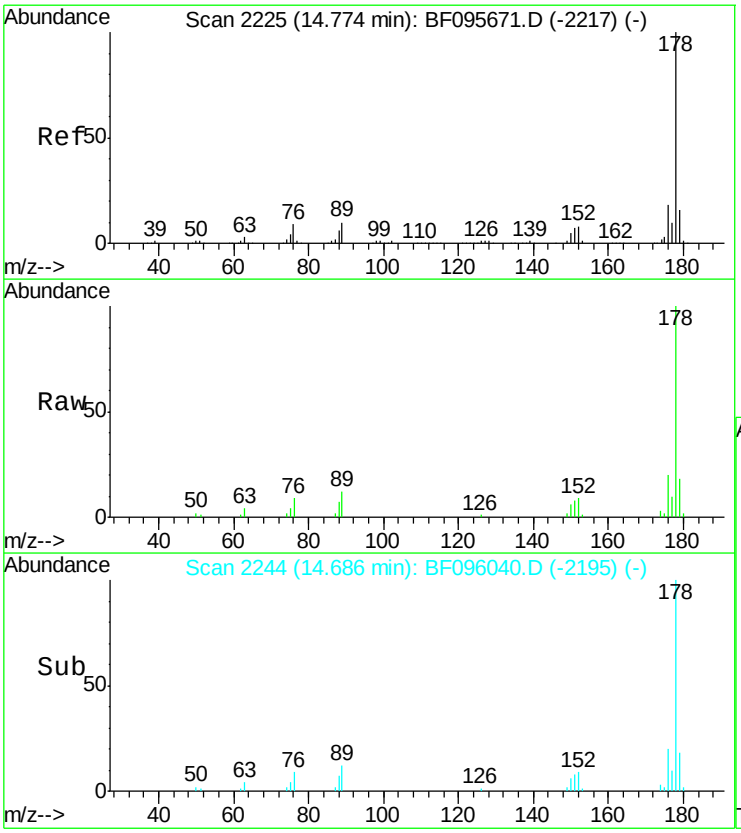
#70
Phenanthrene
Concen: 7.069 ng
RT: 14.60 min Scan# 2229
Delta R.T. -0.01 min
Lab File: BF096040.D
Acq: 20 Jun 2017 11:44

Instrument :
BNA_F
ClientSampleId :
E2-S5-NSW

Tgt Ion:178 Resp: 59941

Ion	Ratio	Lower	Upper
178	100		
176	19.2	16.2	24.4
179	14.9	12.6	19.0

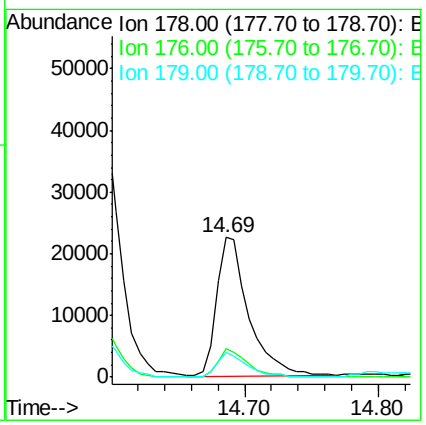


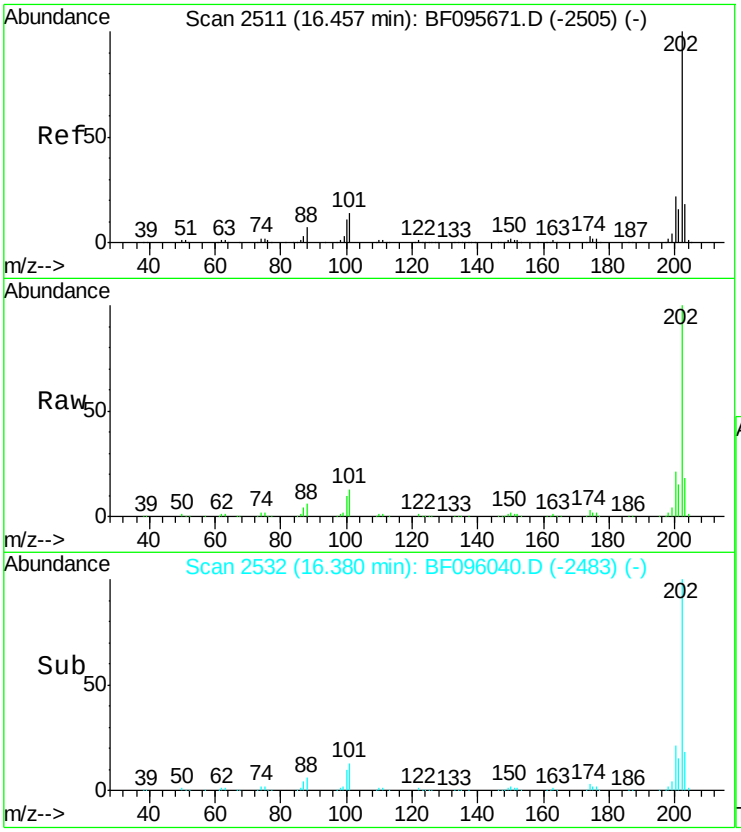


#71
Anthracene
Concen: 4.282 ng
RT: 14.69 min Scan# 2244
Delta R.T. -0.01 min
Lab File: BF096040.D
Acq: 20 Jun 2017 11:44

Tgt Ion:178 Resp: 37907

Ion	Ratio	Lower	Upper
178	100		
176	20.3	15.8	23.8
179	17.6	12.7	19.1



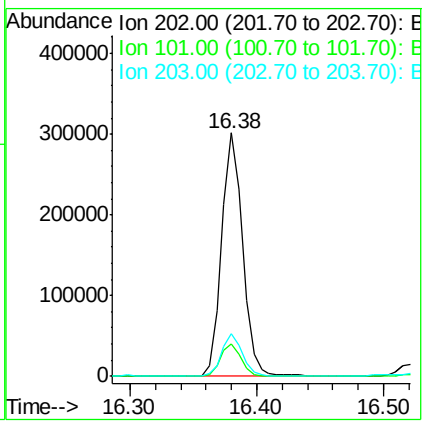


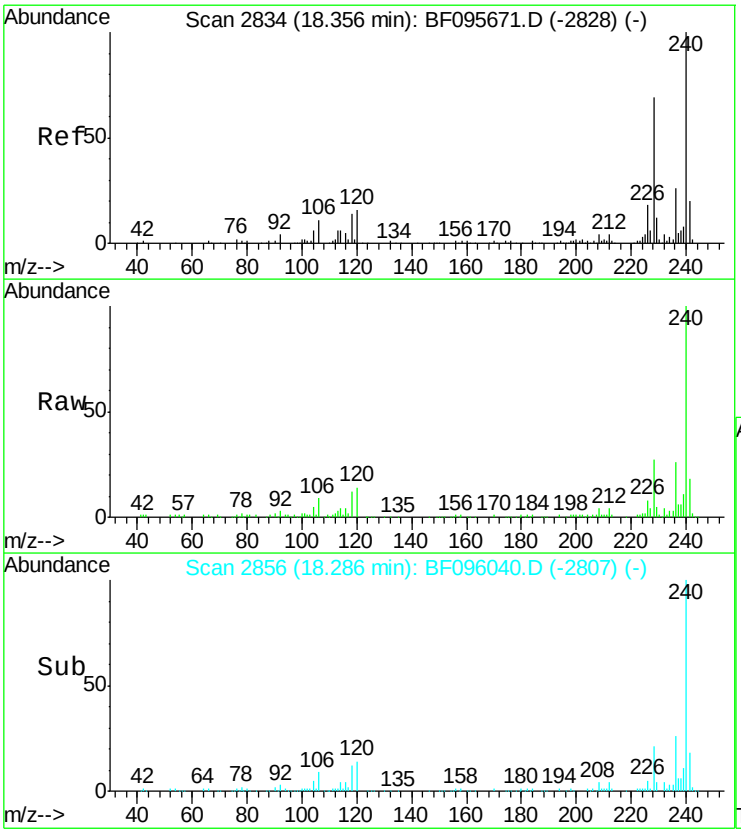
#74
Fluoranthene
Concen: 41.613 ng
RT: 16.38 min Scan# 2532
Delta R.T. -0.01 min
Lab File: BF096040.D
Acq: 20 Jun 2017 11:44

Instrument :
BNA_F
ClientSampleId :
E2-S5-NSW

Tgt Ion:202 Resp: 349229

Ion	Ratio	Lower	Upper
202	100		
101	13.5	0.0	33.2
203	17.7	0.0	38.1

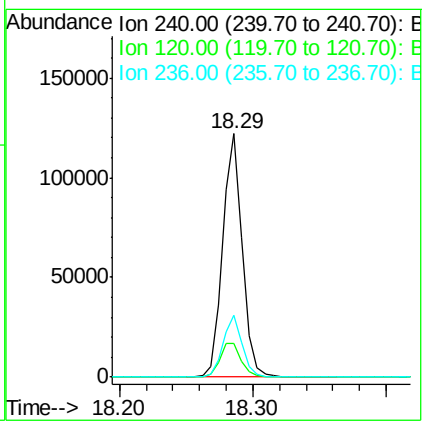


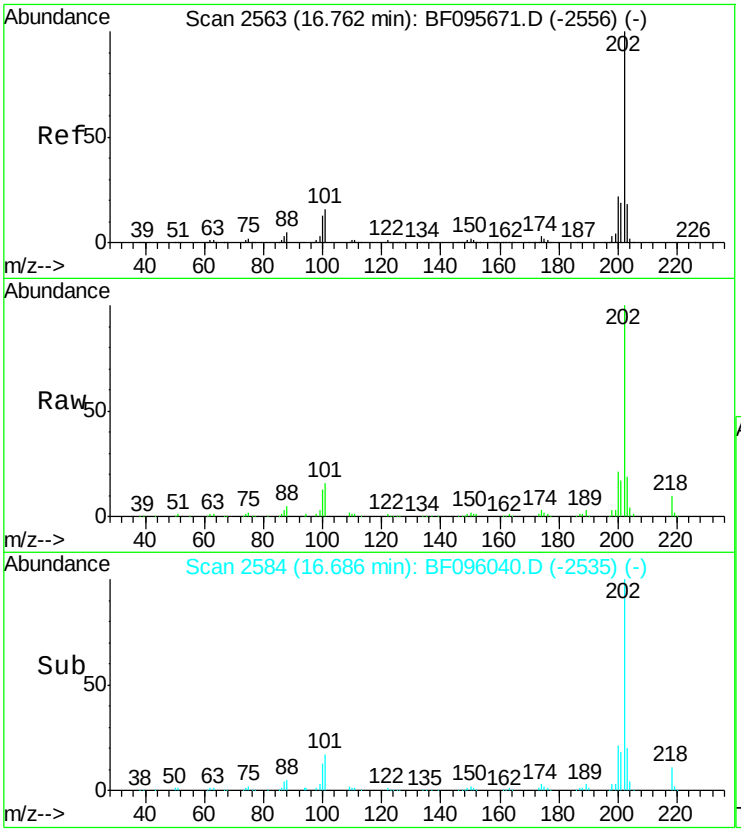


#75
Chrysene-d12
Concen: 20.000 ng
RT: 18.29 min Scan# 2856
Delta R.T. -0.01 min
Lab File: BF096040.D
Acq: 20 Jun 2017 11:44

Tgt Ion:240 Resp: 126428

Ion	Ratio	Lower	Upper
240	100		
120	13.7	5.8	8.8#
236	25.7	20.5	30.7



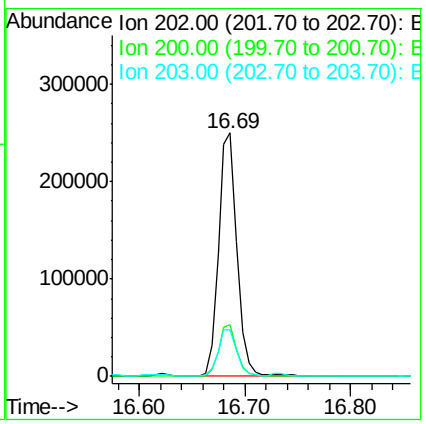


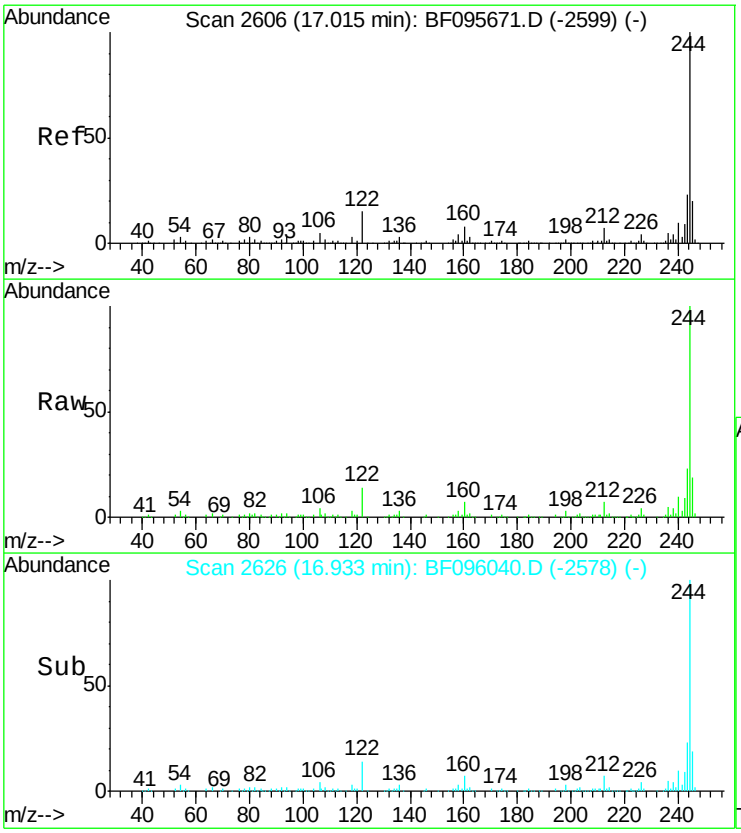
#77
Pyrene
Concen: 32.283 ng
RT: 16.69 min Scan# 2584
Delta R.T. -0.01 min
Lab File: BF096040.D
Acq: 20 Jun 2017 11:44

Instrument :
BNA_F
ClientSampleId :
E2-S5-NSW

Tgt Ion:202 Resp: 304536

Ion	Ratio	Lower	Upper
202	100		
200	21.4	17.6	26.4
203	19.3	14.4	21.6

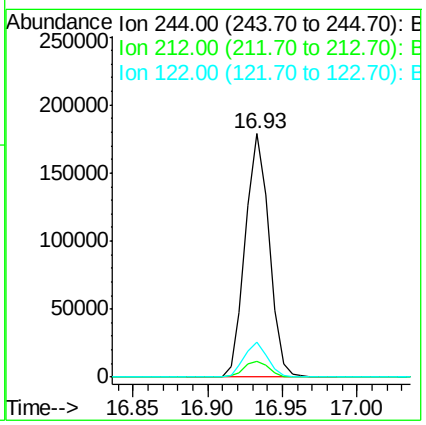


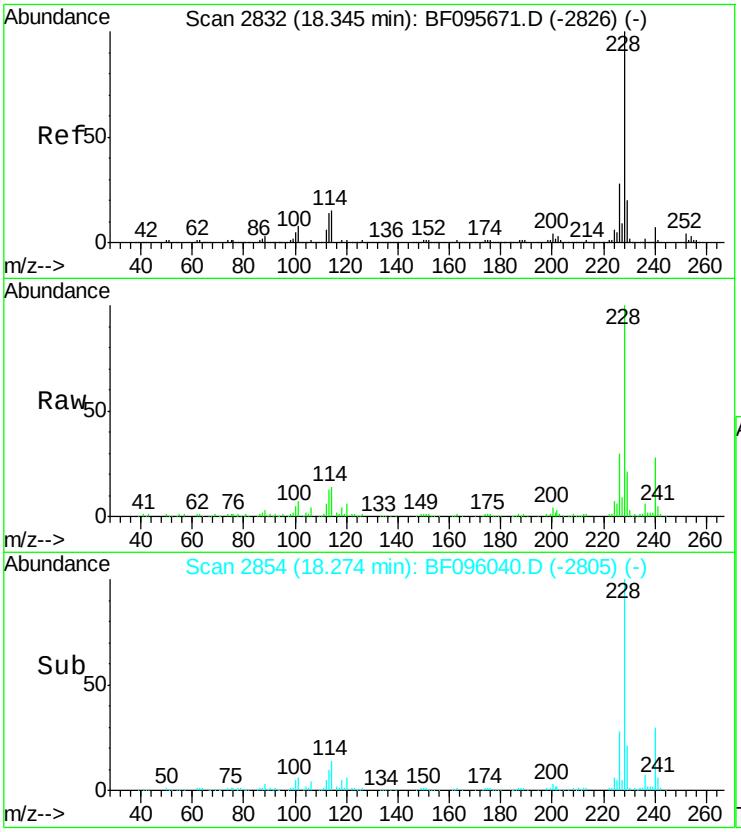


#78
Terphenyl-d14
Concen: 38.699 ng
RT: 16.93 min Scan# 2626
Delta R.T. -0.02 min
Lab File: BF096040.D
Acq: 20 Jun 2017 11:44

Tgt Ion:244 Resp: 197148

Ion	Ratio	Lower	Upper
244	100		
212	6.6	6.0	9.0
122	14.1	10.3	15.5



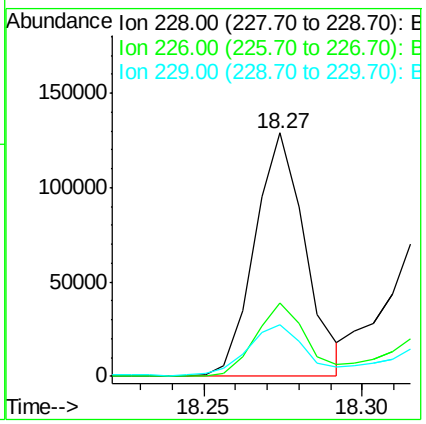


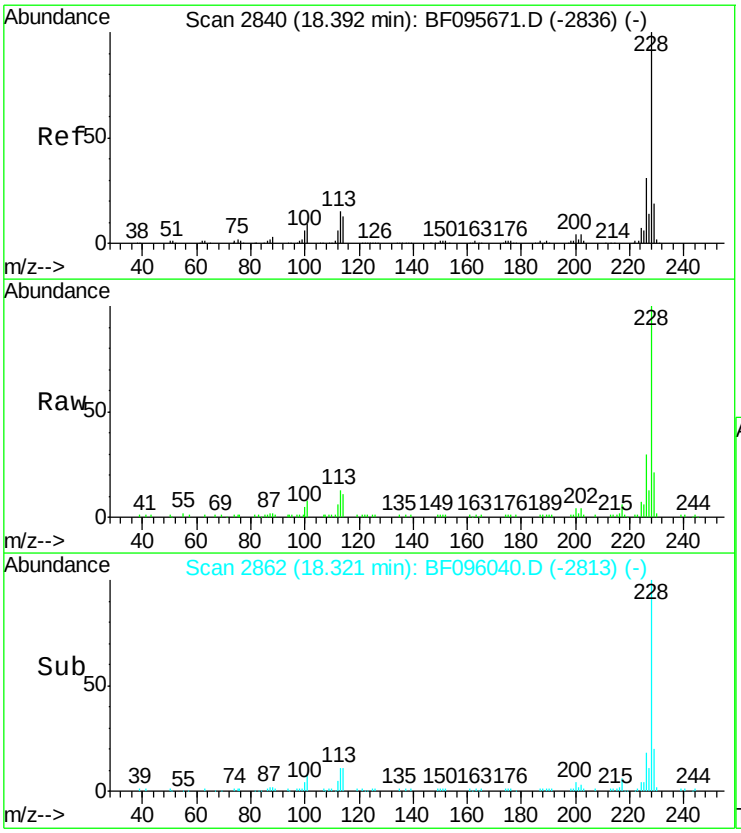
#80
Benzo(a)anthracene
Concen: 19.421 ng
RT: 18.27 min Scan# 2854
Delta R.T. -0.01 min
Lab File: BF096040.D
Acq: 20 Jun 2017 11:44

Instrument :
BNA_F
ClientSampleId :
E2-S5-NSW

Tgt Ion:228 Resp: 142758

Ion	Ratio	Lower	Upper
228	100		
226	30.3	22.6	33.8
229	21.4	16.3	24.5

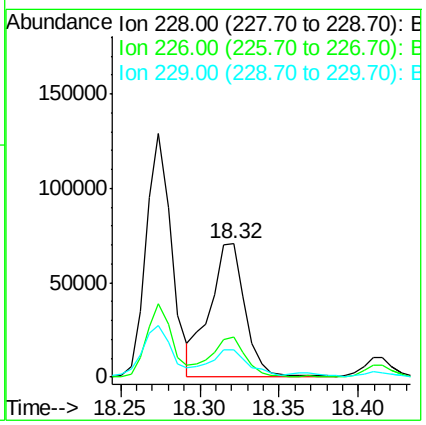


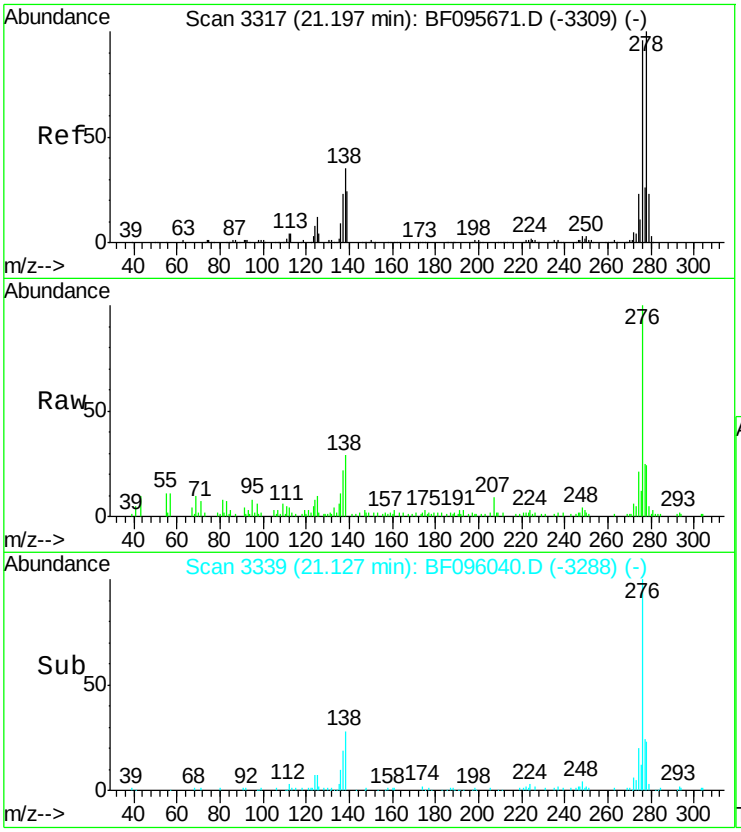


#82
Chrysene
Concen: 14.854 ng
RT: 18.32 min Scan# 2862
Delta R.T. -0.01 min
Lab File: BF096040.D
Acq: 20 Jun 2017 11:44

Tgt Ion:228 Resp: 109115

Ion	Ratio	Lower	Upper
228	100		
226	29.7	24.9	37.3
229	20.6	15.8	23.6



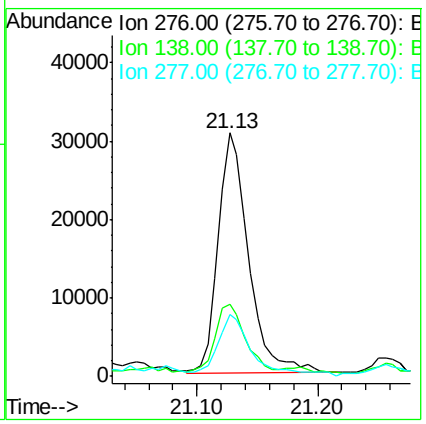


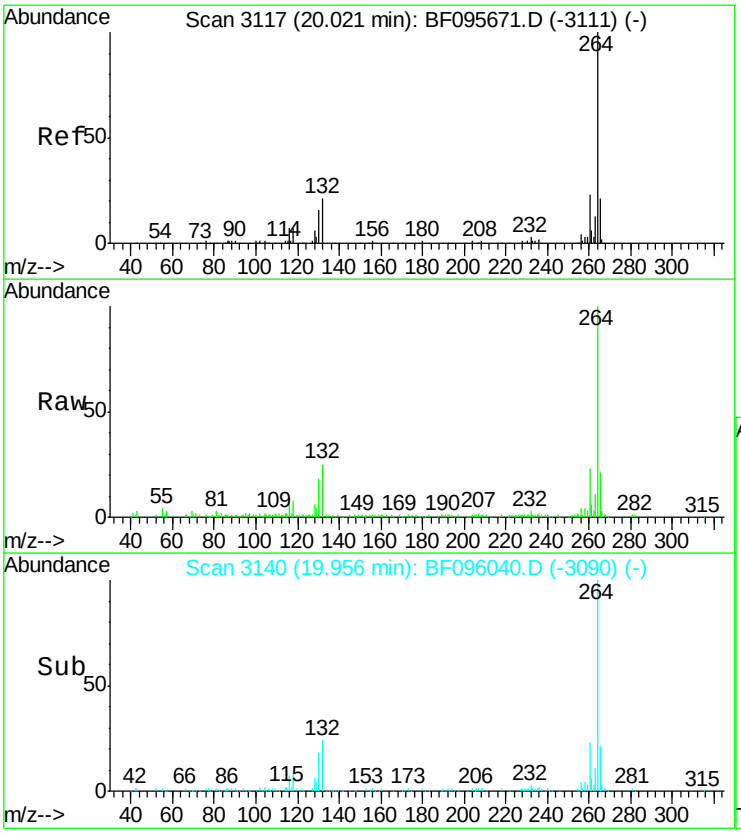
#85
Indeno(1,2,3-cd)pyrene
Concen: 8.521 ng
RT: 21.13 min Scan# 3339
Delta R.T. 0.00 min
Lab File: BF096040.D
Acq: 20 Jun 2017 11:44

Instrument :
BNA_F
ClientSampleId :
E2-S5-NSW

Tgt Ion:276 Resp: 53558

Ion	Ratio	Lower	Upper
276	100		
138	27.8	27.8	41.6
277	25.6	20.2	30.4

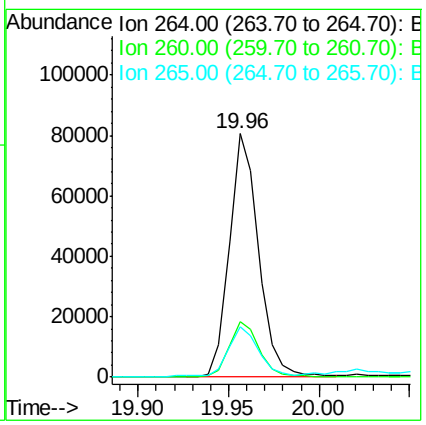


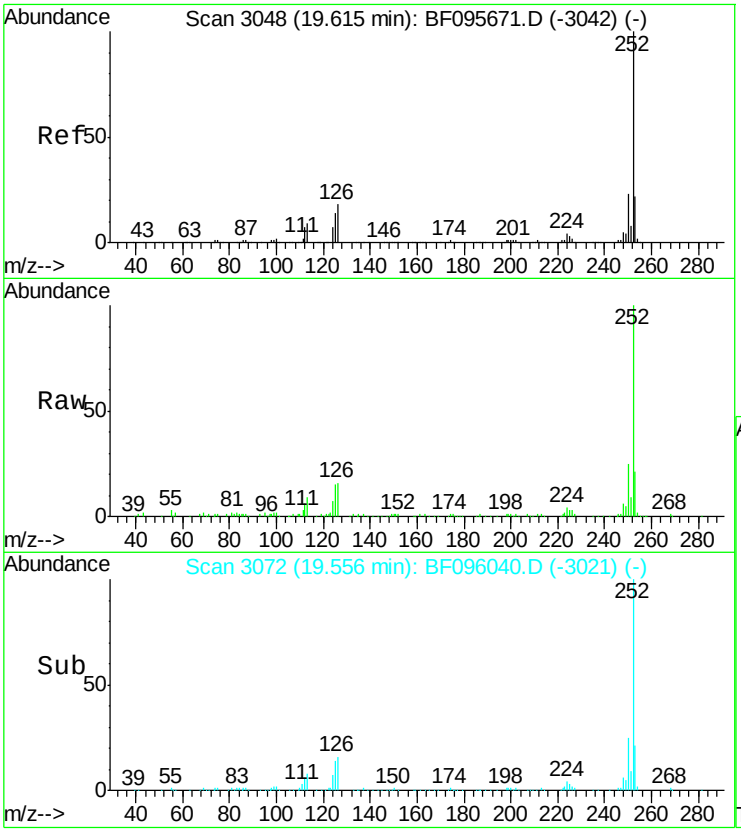


#86
Perylene-d12
Concen: 20.000 ng
RT: 19.96 min Scan# 3140
Delta R.T. -0.01 min
Lab File: BF096040.D
Acq: 20 Jun 2017 11:44

Tgt Ion:264 Resp: 90553

Ion	Ratio	Lower	Upper
264	100		
260	22.6	19.5	29.3
265	20.9	17.2	25.8



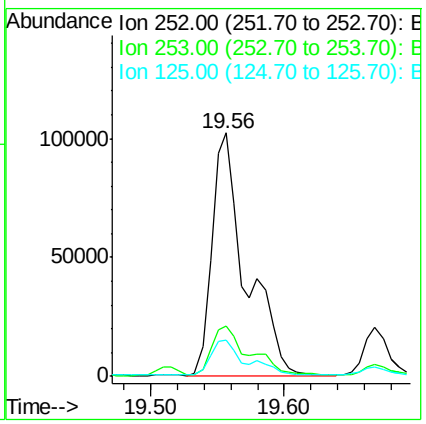


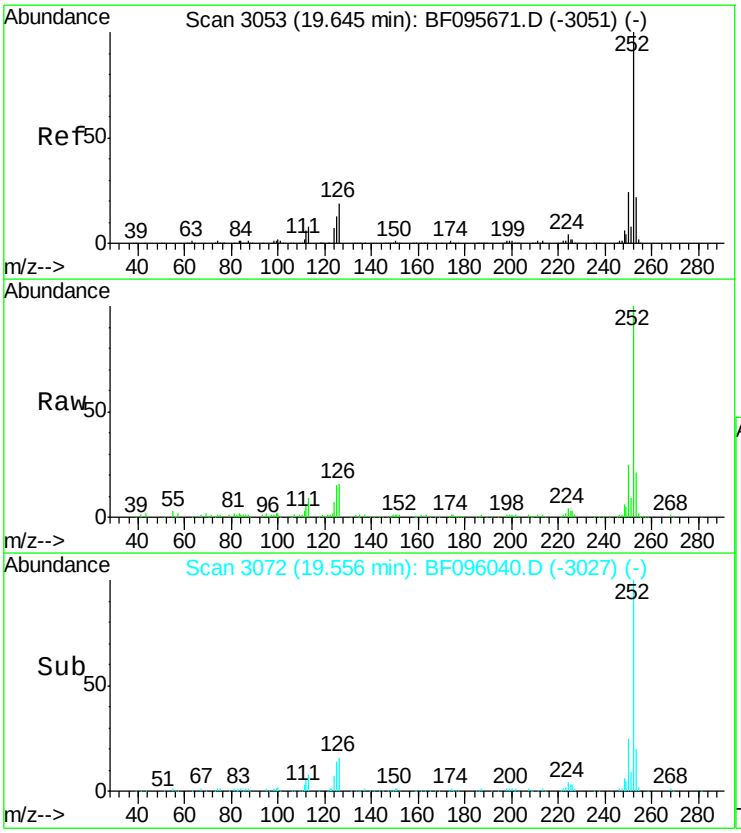
#87
Benzo(b)fluoranthene
Concen: 32.291 ng
RT: 19.56 min Scan# 3072
Delta R.T. 0.00 min
Lab File: BF096040.D
Acq: 20 Jun 2017 11:44

Instrument :
BNA_F
ClientSampleId :
E2-S5-NSW

Tgt Ion:252 Resp: 183094

Ion	Ratio	Lower	Upper
252	100		
253	20.6	18.1	27.1
125	14.9	9.8	14.8#

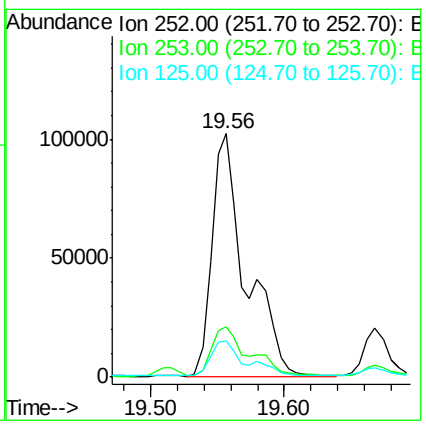


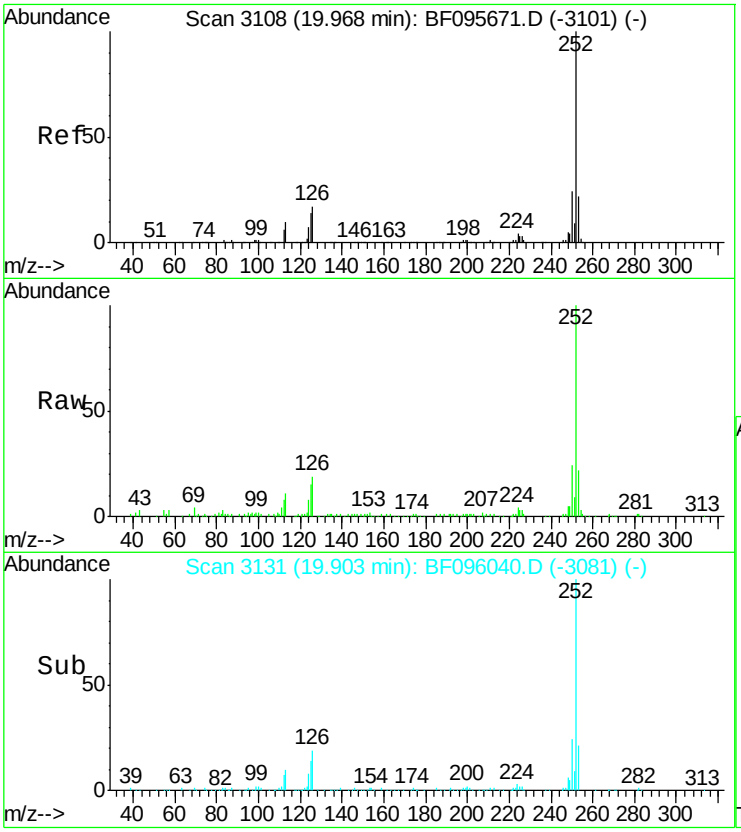


#88
Benzo(k)fluoranthene
Concen: 33.783 ng
RT: 19.56 min Scan# 3072
Delta R.T. -0.04 min
Lab File: BF096040.D
Acq: 20 Jun 2017 11:44

Tgt Ion:252 Resp: 183094

Ion	Ratio	Lower	Upper
252	100		
253	20.6	18.4	27.6
125	14.9	13.1	19.7



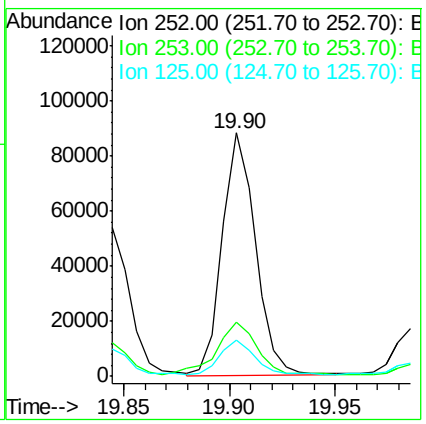


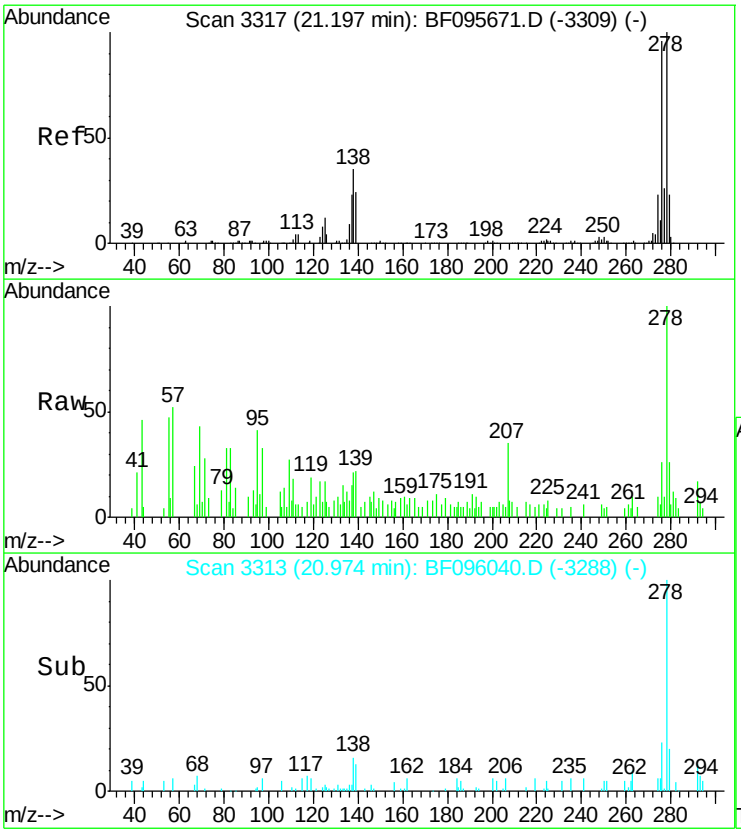
#89
Benzo(a)pyrene
Concen: 18.461 ng
RT: 19.90 min Scan# 3131
Delta R.T. -0.01 min
Lab File: BF096040.D
Acq: 20 Jun 2017 11:44

Instrument :
BNA_F
ClientSampleId :
E2-S5-NSW

Tgt Ion:252 Resp: 96211

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.5	26.3
125	14.9	11.0	16.4

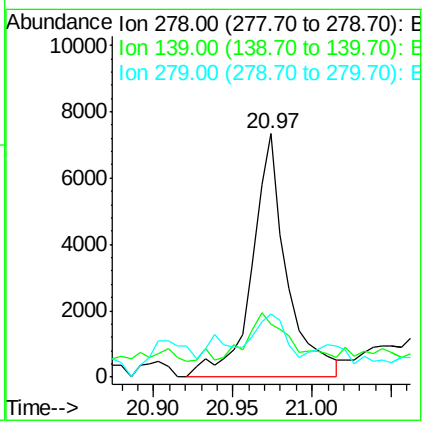


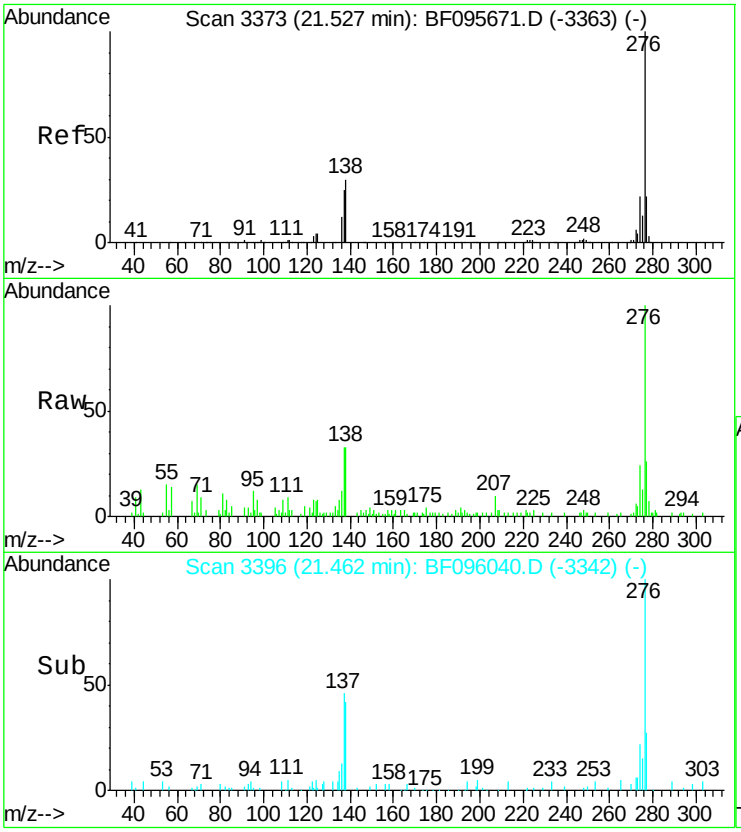


#90
Dibenzo(a,h)anthracene
Concen: 2.524 ng
RT: 20.97 min Scan# 3313
Delta R.T. -0.15 min
Lab File: BF096040.D
Acq: 20 Jun 2017 11:44

Tgt Ion:278 Resp: 11156

Ion	Ratio	Lower	Upper
278	100		
139	22.0	16.6	24.8
279	25.7	19.3	28.9





#91
Benzo(g,h,i)perylene
Concen: 9.646 ng
RT: 21.46 min Scan# 3396
Delta R.T. 0.02 min
Lab File: BF096040.D
Acq: 20 Jun 2017 11:44

Instrument :
BNA_F
ClientSampleId :
E2-S5-NSW

Tgt Ion:276 Resp: 43475

Ion	Ratio	Lower	Upper
276	100		
277	26.2	18.6	28.0
138	32.5	25.4	38.0