Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071017\
Data File : BF096625.D
Acq On : 11 Jul 2017 2:24
Operator : SJ/JU
Sample : I4071-01 2X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Jul 11 05:25:50 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF070117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 07 13:02:33 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	96520	20.00	ng		-0.01
21) Naphthalene-d8	7.97	136	330251	20.00	ng		-0.02
38) Acenaphthene-d10	9.72	164	123106	20.00	ng		-0.02
63) Phenanthrene-d10	11.19	188	197215	20.00	ng		-0.02
75) Chrysene-d12	13.83	240	218763	20.00	ng		-0.02
86) Perylene-d12	15.23	264	170472	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.29	112	360967	55.20	ng		-0.02
7) Phenol-d6	6.32	99	408742	50.84	ng		-0.02
23) Nitrobenzene-d5	7.25	82	226067	41.13	ng		-0.02
41) 2,4,6-Tribromophenol	10.50	330	54389	56.56	ng		-0.02
44) 2-Fluorobiphenyl	9.05	172	351849	48.87	ng		-0.02
78) Terphenyl-d14	12.78	244	292259	28.55	ng		-0.02
Target Compounds							Qvalue
18) Hexachloroethane	7.22	117	6427	2.43	ng	#	1
22) Acetophenone	7.09	105	29454	4.08	ng	#	43
35) Caprolactam	8.40	113	9156	5.92	ng	#	1
48) Acenaphthylene	9.57	152	36235	2.91	ng		98
49) Dimethylphthalate	9.43	163	61822	6.73	ng	#	98
70) Phenanthrene	11.22	178	61456	5.76	ng		97
71) Anthracene	11.27	178	38432	3.54	ng		97
74) Fluoranthene	12.40	202	330603	31.63	ng		98
77) Pyrene	12.63	202	334411	19.04	ng		98
80) Benzo(a)anthracene	13.82	228	228010	18.00	ng		95
82) Chrysene	13.85	228	192888	14.54	ng		98
85) Indeno(1,2,3-cd)pyrene	16.57	276	81749	7.81	ng		94
87) Benzo(b)fluoranthene	14.83	252	351635	32.92	ng	#	96
88) Benzo(k)fluoranthene	14.83	252	351635	36.80	ng		99
89) Benzo(a)pyrene	15.17	252	162407	17.03	ng		97
90) Dibenzo(a,h)anthracene	16.57	278	22479	3.00	ng	#	88
91) Benzo(g,h,i)perylene	16.97	276	77057	9.91	ng		97

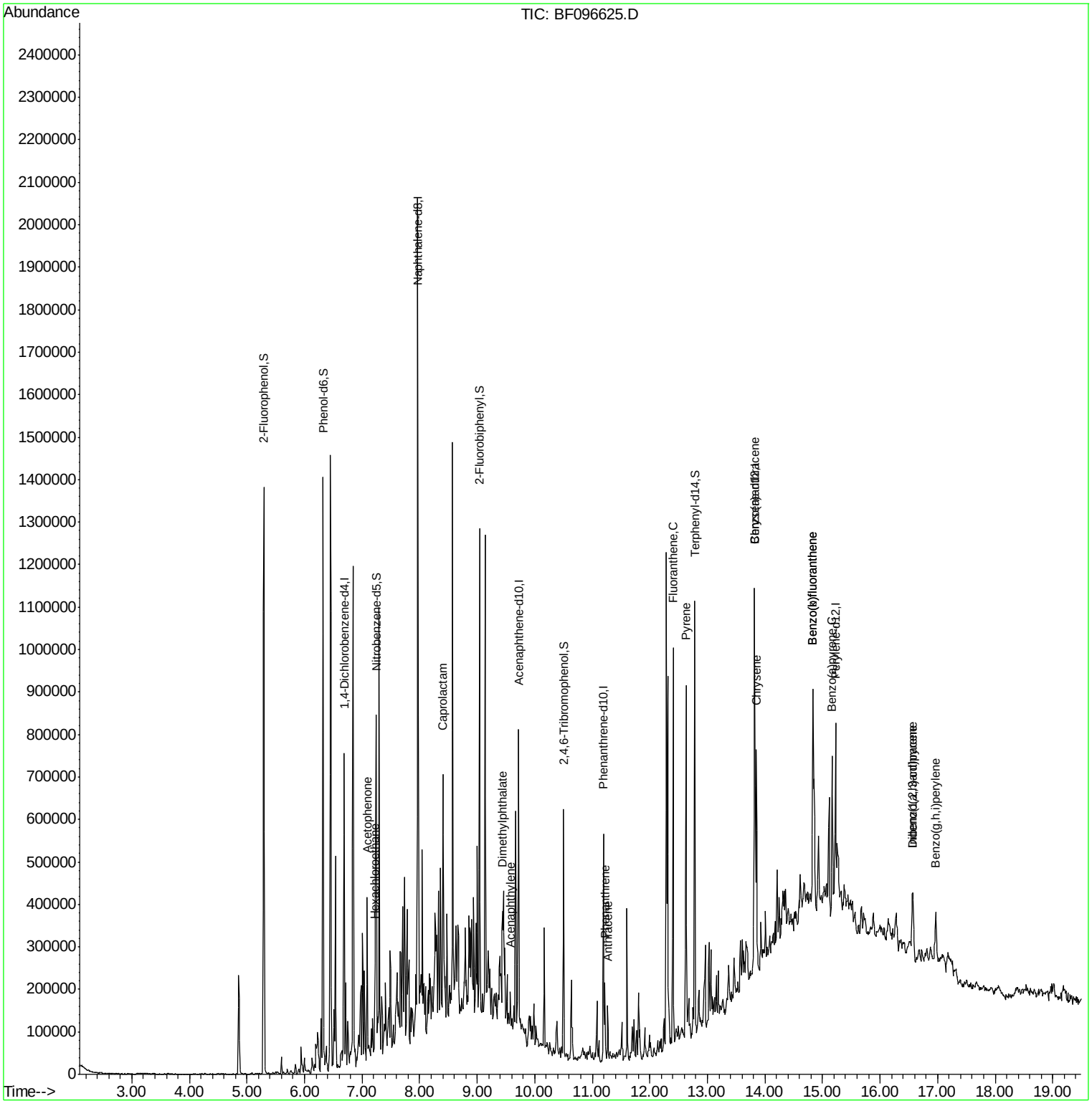
(#) = qualifier out of range (m) = manual integration (+) = signals summed

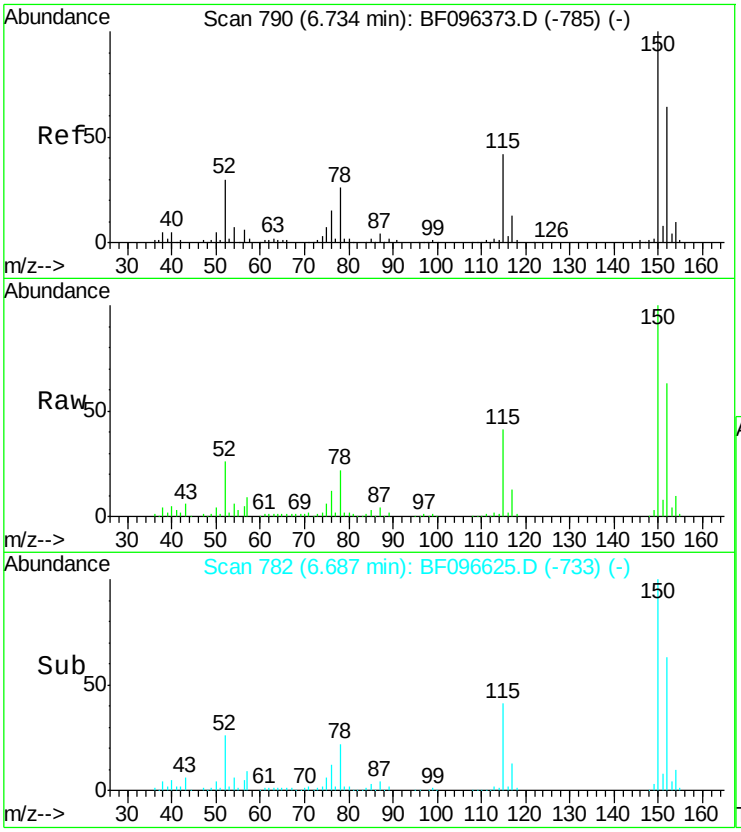
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071017\
Data File : BF096625.D
Acq On : 11 Jul 2017 2:24
Operator : SJ/JU
Sample : I4071-01 2X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Jul 11 05:25:50 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF070117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 07 13:02:33 2017
Response via : Initial Calibration

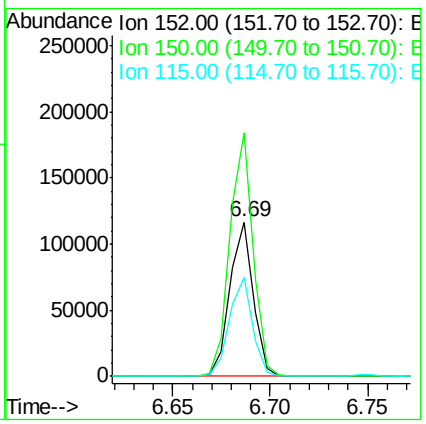




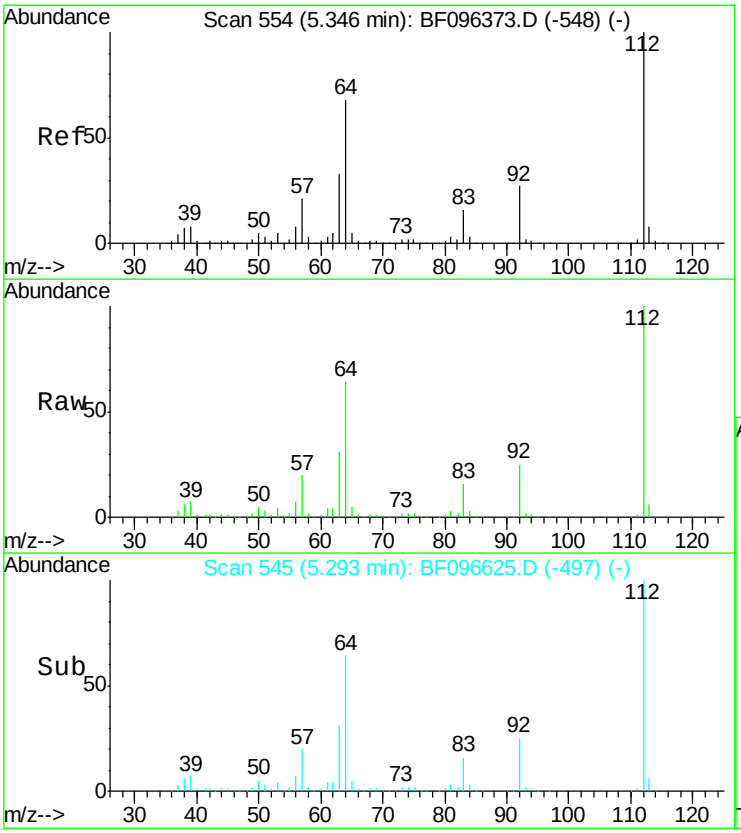
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.69 min Scan# 782
Delta R.T. -0.01 min
Lab File: BF096625.D
Acq: 11 Jul 2017 2:24

Tgt Ion:152 Resp: 96520

Ion	Ratio	Lower	Upper
152	100		
150	157.5	126.2	189.2
115	64.4	52.2	78.2



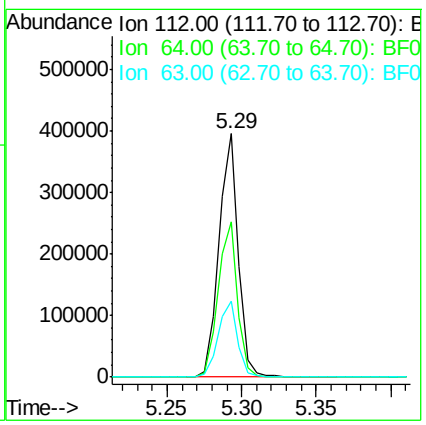
Instrument :
BNA_F
ClientSampleId :

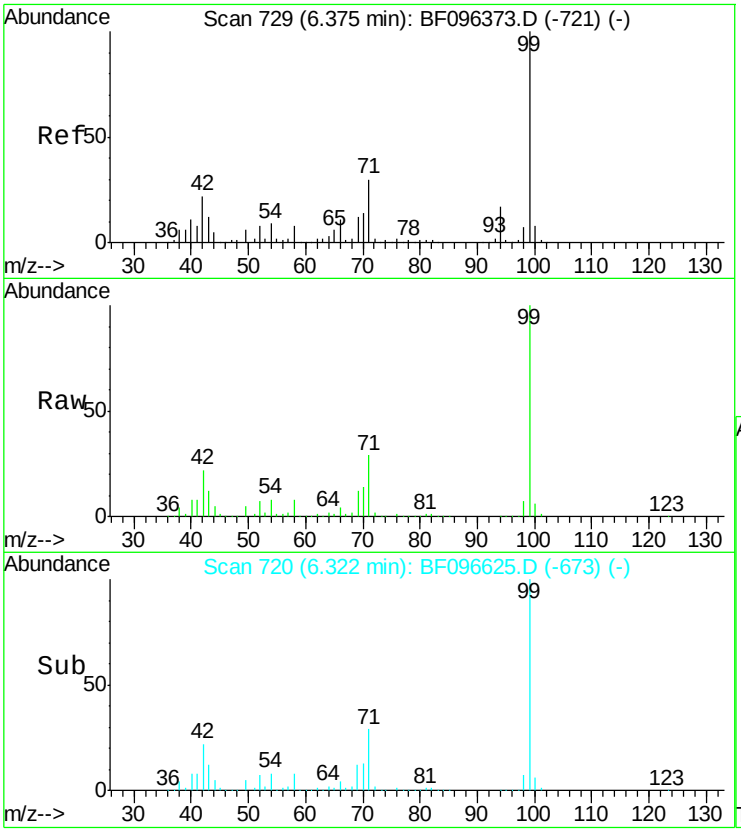


#5
2-Fluorophenol
Concen: 55.20 ng
RT: 5.29 min Scan# 545
Delta R.T. -0.02 min
Lab File: BF096625.D
Acq: 11 Jul 2017 2:24

Tgt Ion:112 Resp: 360967

Ion	Ratio	Lower	Upper
112	100		
64	63.8	46.0	69.0
63	31.1	23.4	35.0



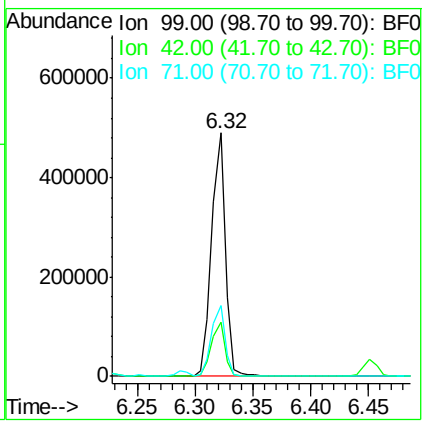


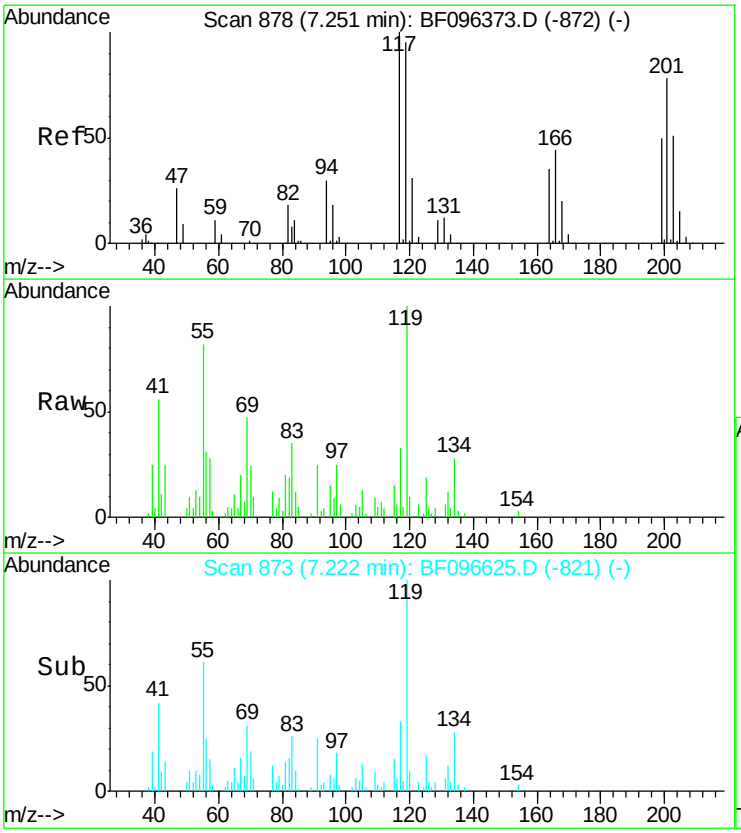
#7
Phenol-d6
Concen: 50.84 ng
RT: 6.32 min Scan# 720
Delta R.T. -0.02 min
Lab File: BF096625.D
Acq: 11 Jul 2017 2:24

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 408742

Ion	Ratio	Lower	Upper
99	100		
42	22.2	13.5	20.3#
71	29.2	24.5	36.7

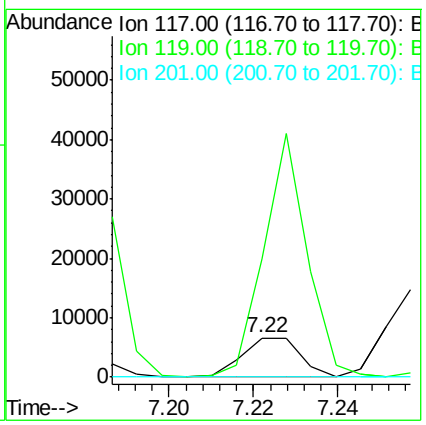


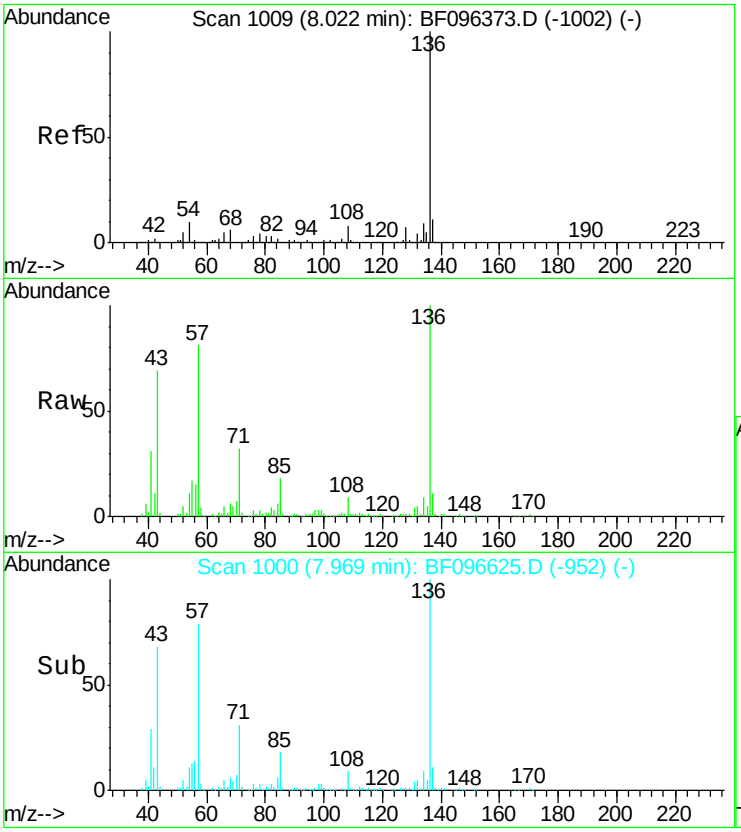


#18
Hexachloroethane
Concen: 2.43 ng
RT: 7.22 min Scan# 873
Delta R.T. 0.01 min
Lab File: BF096625.D
Acq: 11 Jul 2017 2:24

Tgt Ion:117 Resp: 6427

Ion	Ratio	Lower	Upper
117	100		
119	302.0	77.4	116.0#
201	0.0	94.6	141.8#



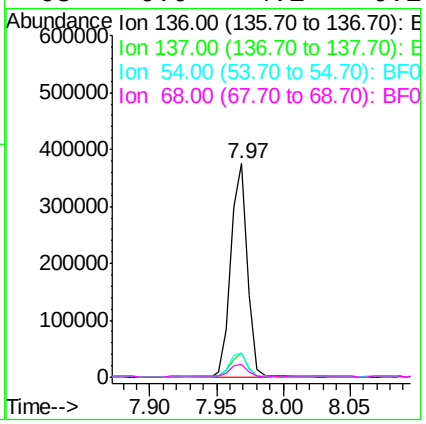


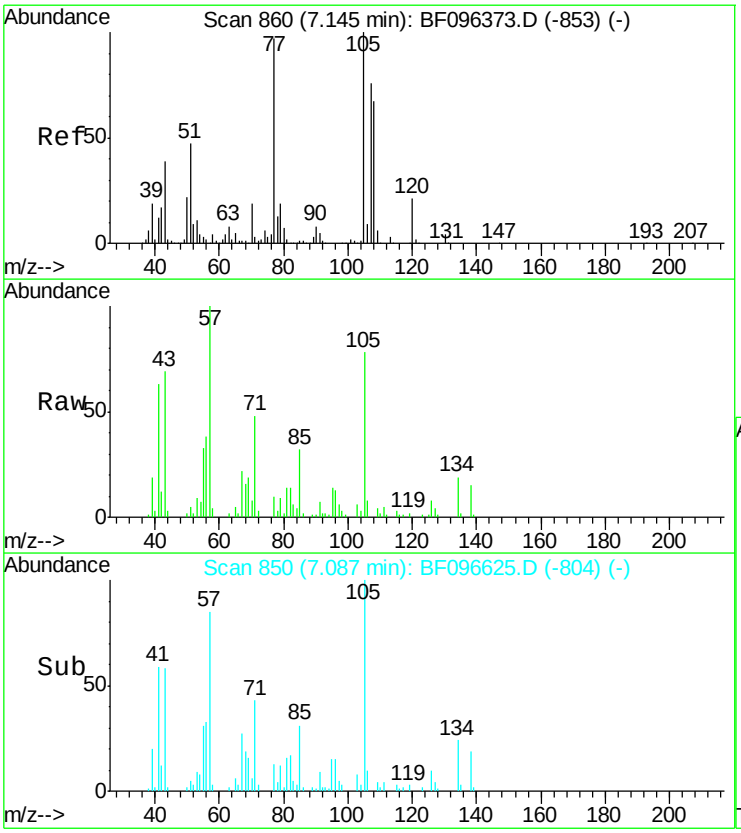
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.97 min Scan# 1000
Delta R.T. -0.02 min
Lab File: BF096625.D
Acq: 11 Jul 2017 2:24

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 330251

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.5	12.7
54	11.4	4.9	7.3#
68	6.0	4.1	6.1

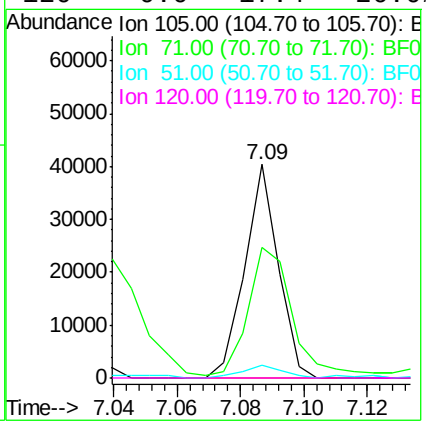


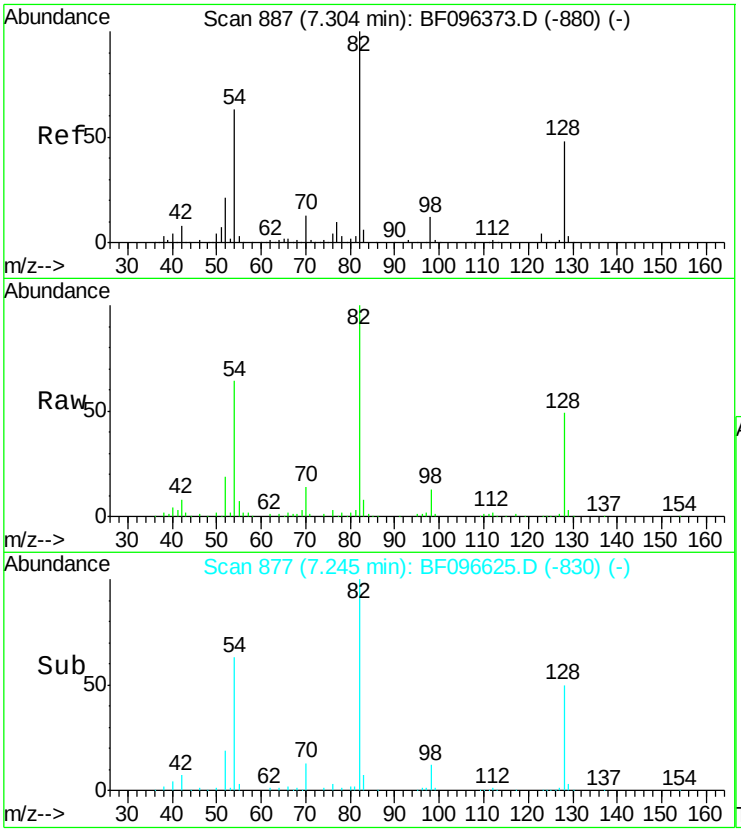


#22
Acetophenone
Concen: 4.08 ng
RT: 7.09 min Scan# 850
Delta R.T. -0.03 min
Lab File: BF096625.D
Acq: 11 Jul 2017 2:24

Tgt Ion:105 Resp: 29454

Ion	Ratio	Lower	Upper
105	100		
71	61.0	2.8	4.2#
51	6.0	30.7	46.1#
120	0.0	17.4	26.0#



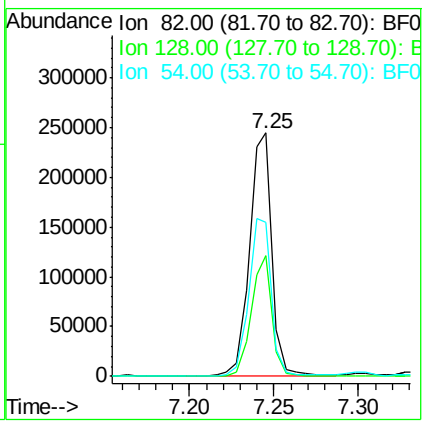


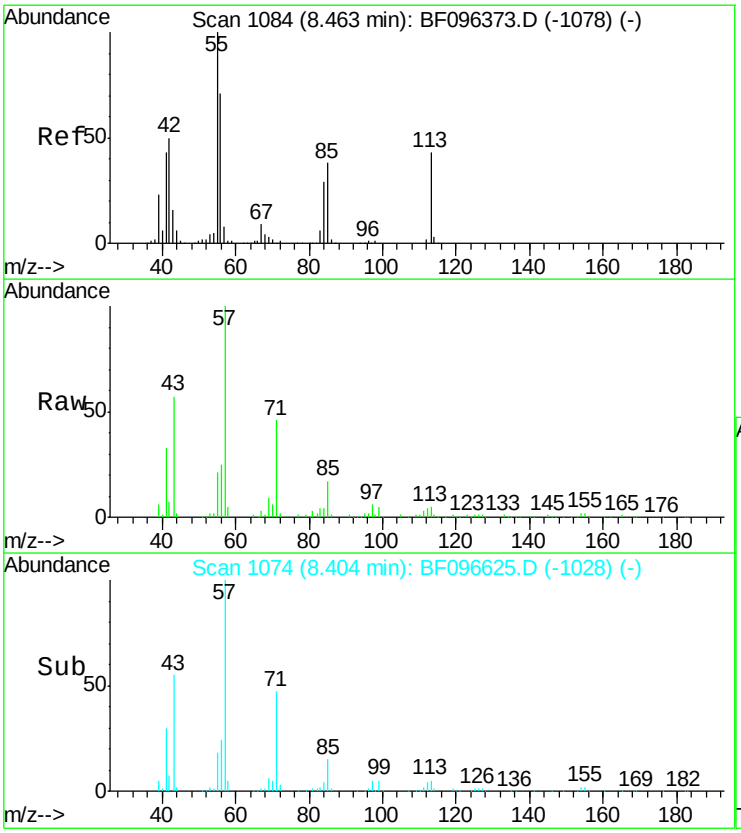
#23
Nitrobenzene-d5
Concen: 41.13 ng
RT: 7.25 min Scan# 877
Delta R.T. -0.02 min
Lab File: BF096625.D
Acq: 11 Jul 2017 2:24

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 226067

Ion	Ratio	Lower	Upper
82	100		
128	49.5	34.0	51.0
54	63.5	42.2	63.2#

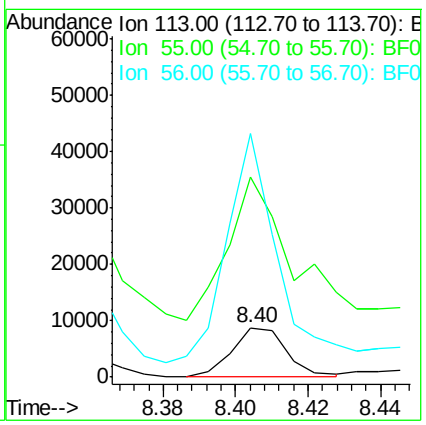


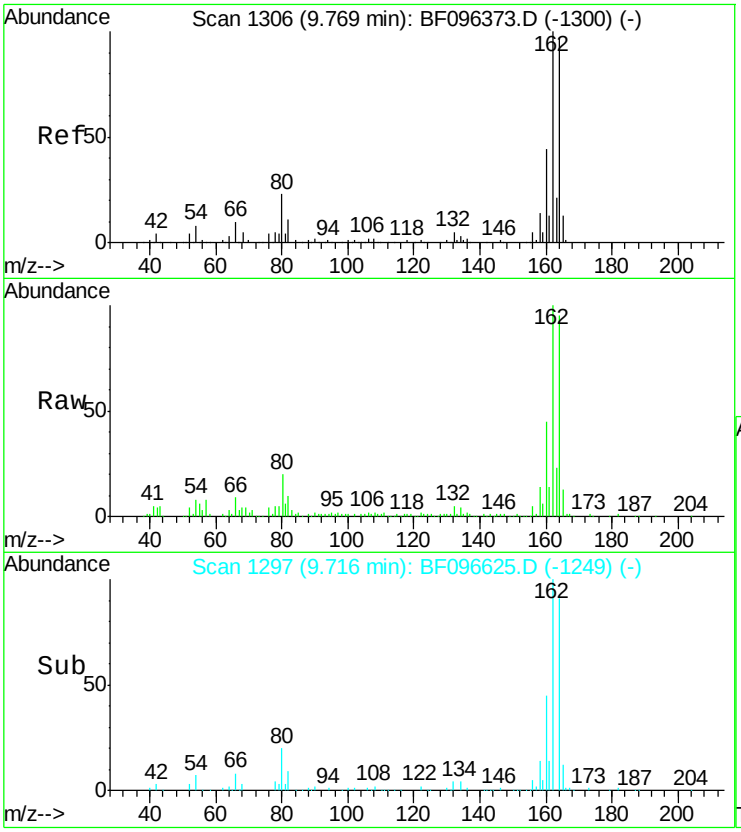


#35
Caprolactam
Concen: 5.92 ng
RT: 8.40 min Scan# 1074
Delta R.T. -0.03 min
Lab File: BF096625.D
Acq: 11 Jul 2017 2:24

Tgt Ion:113 Resp: 9156

Ion	Ratio	Lower	Upper
113	100		
55	408.2	150.2	190.2#
56	496.2	107.8	147.8#



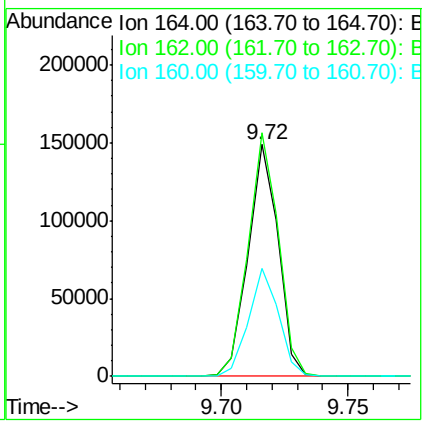


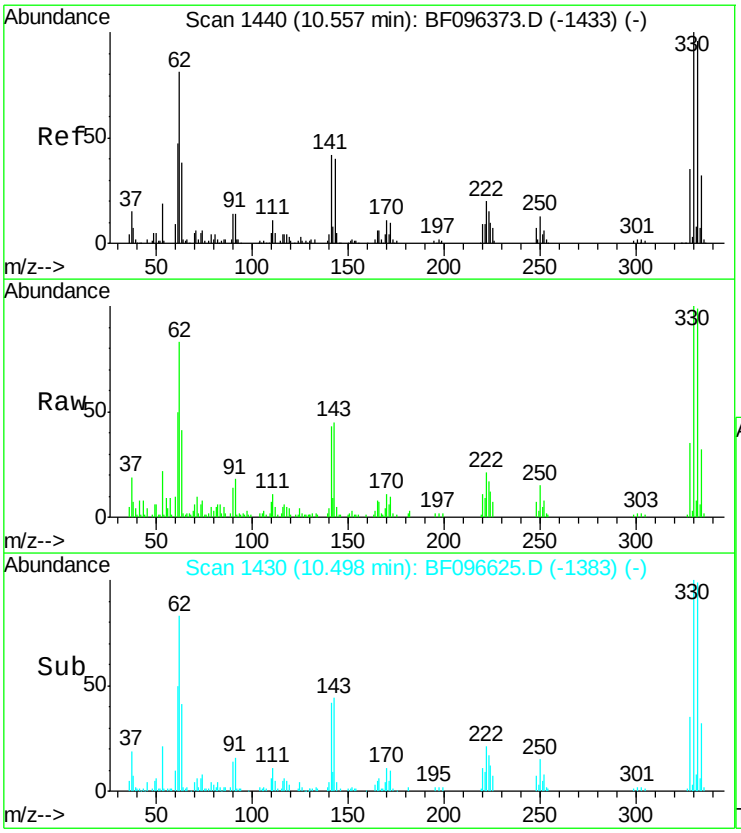
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.72 min Scan# 1297
Delta R.T. -0.02 min
Lab File: BF096625.D
Acq: 11 Jul 2017 2:24

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 123106

Ion	Ratio	Lower	Upper
164	100		
162	105.0	82.6	123.8
160	46.8	36.2	54.2

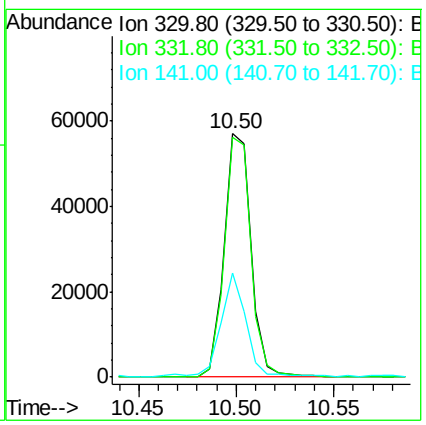


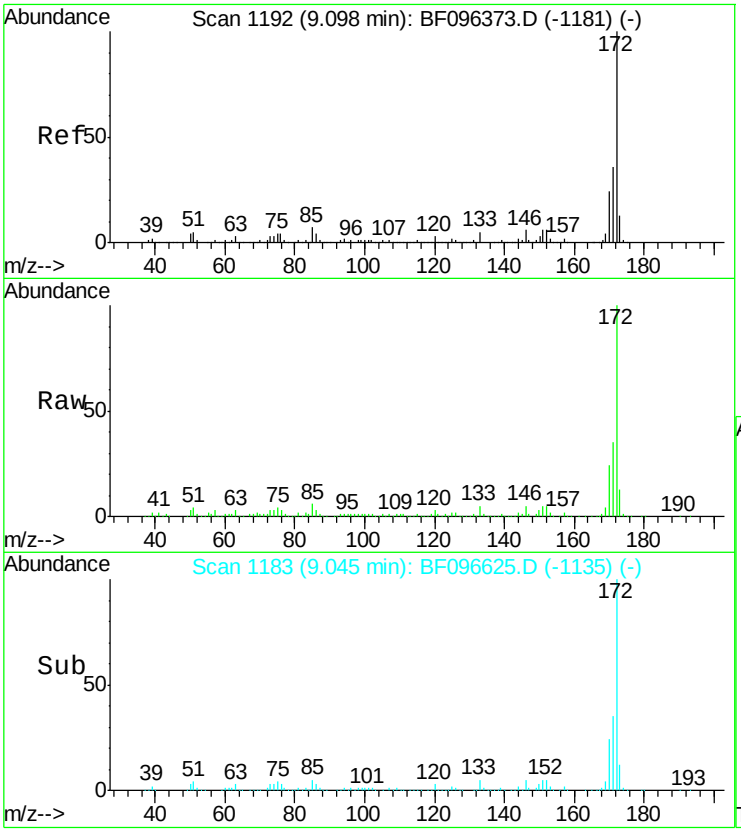


#41
2,4,6-Tribromophenol
Concen: 56.56 ng
RT: 10.50 min Scan# 1430
Delta R.T. -0.02 min
Lab File: BF096625.D
Acq: 11 Jul 2017 2:24

Tgt Ion:330 Resp: 54389

Ion	Ratio	Lower	Upper
330	100		
332	98.2	76.6	115.0
141	41.6	31.4	47.2



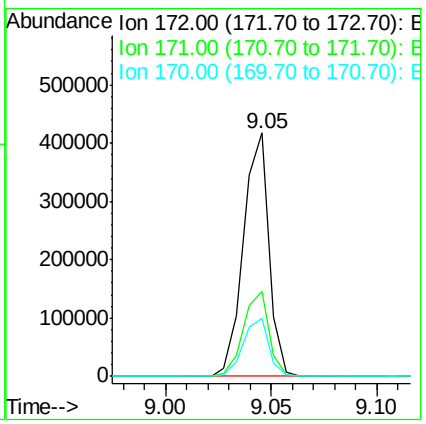


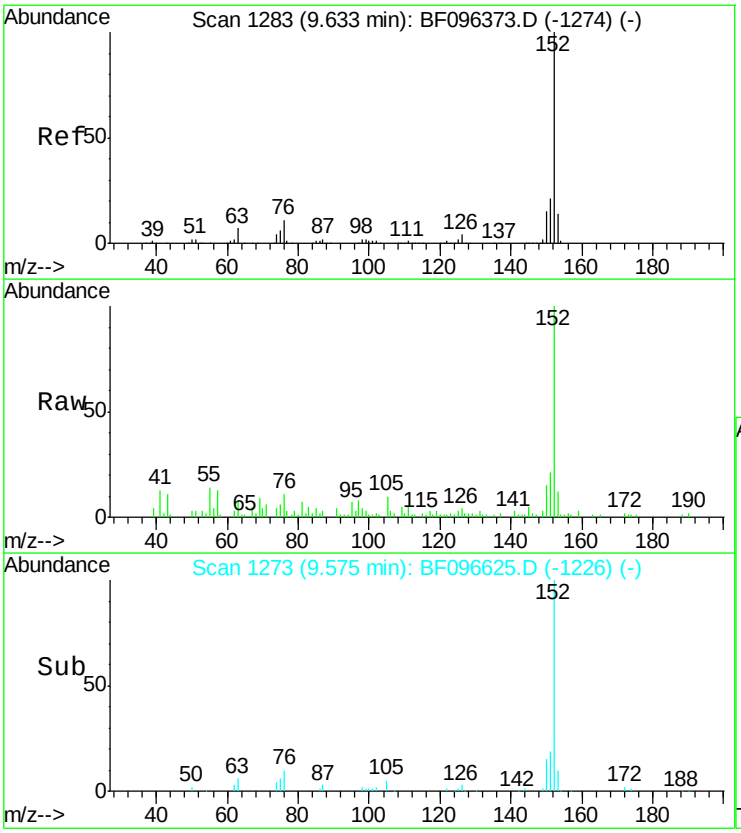
#44
2-Fluorobiphenyl
Concen: 48.87 ng
RT: 9.05 min Scan# 1183
Delta R.T. -0.02 min
Lab File: BF096625.D
Acq: 11 Jul 2017 2:24

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 351849

Ion	Ratio	Lower	Upper
172	100		
171	34.8	29.6	44.4
170	23.6	19.8	29.8

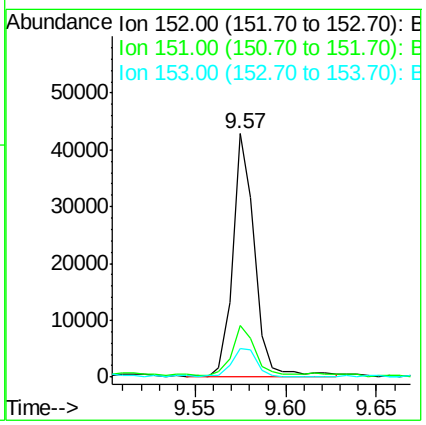


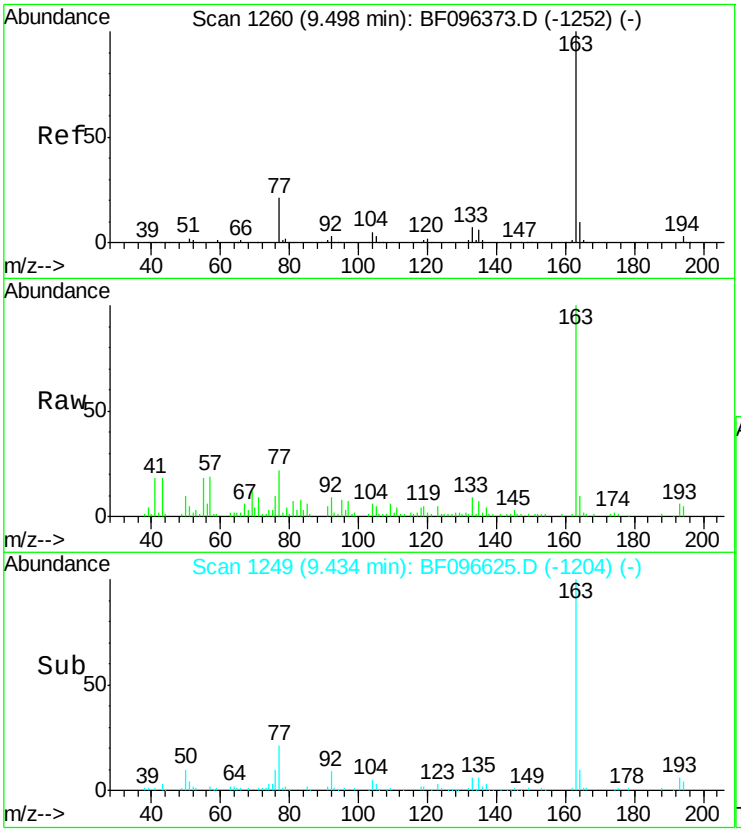


#48
Acenaphthylene
Concen: 2.91 ng
RT: 9.57 min Scan# 1273
Delta R.T. -0.02 min
Lab File: BF096625.D
Acq: 11 Jul 2017 2:24

Tgt Ion:152 Resp: 36235

Ion	Ratio	Lower	Upper
152	100		
151	21.1	16.8	25.2
153	11.6	10.8	16.2



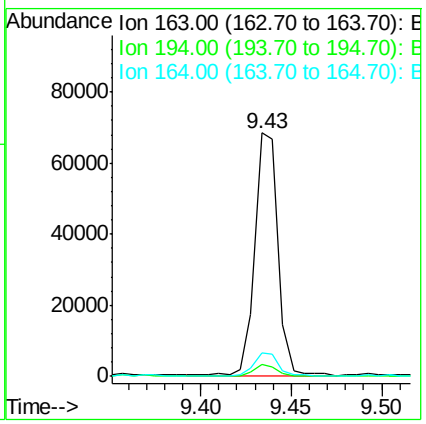


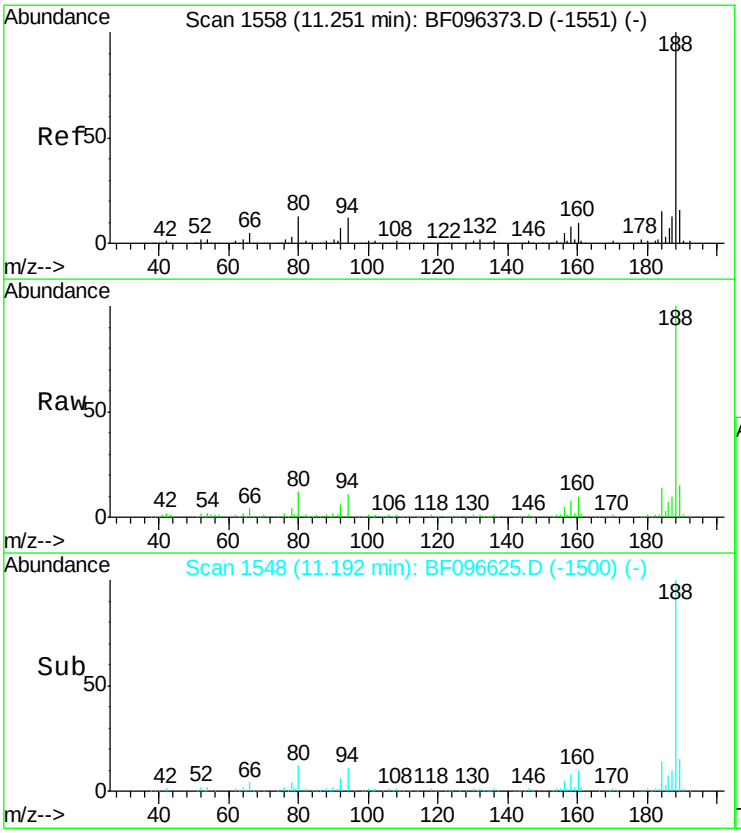
#49
Dimethylphthalate
Concen: 6.73 ng
RT: 9.43 min Scan# 1249
Delta R.T. -0.04 min
Lab File: BF096625.D
Acq: 11 Jul 2017 2:24

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:163 Resp: 61822

Ion	Ratio	Lower	Upper
163	100		
194	4.7	2.6	4.0#
164	9.9	8.4	12.6

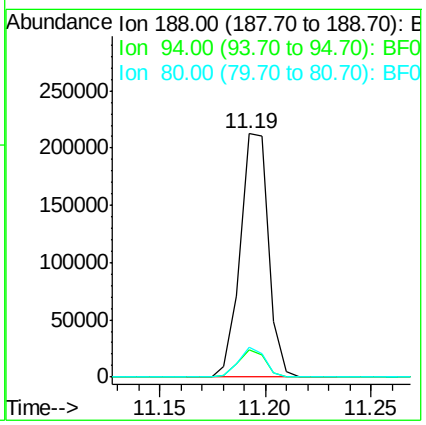


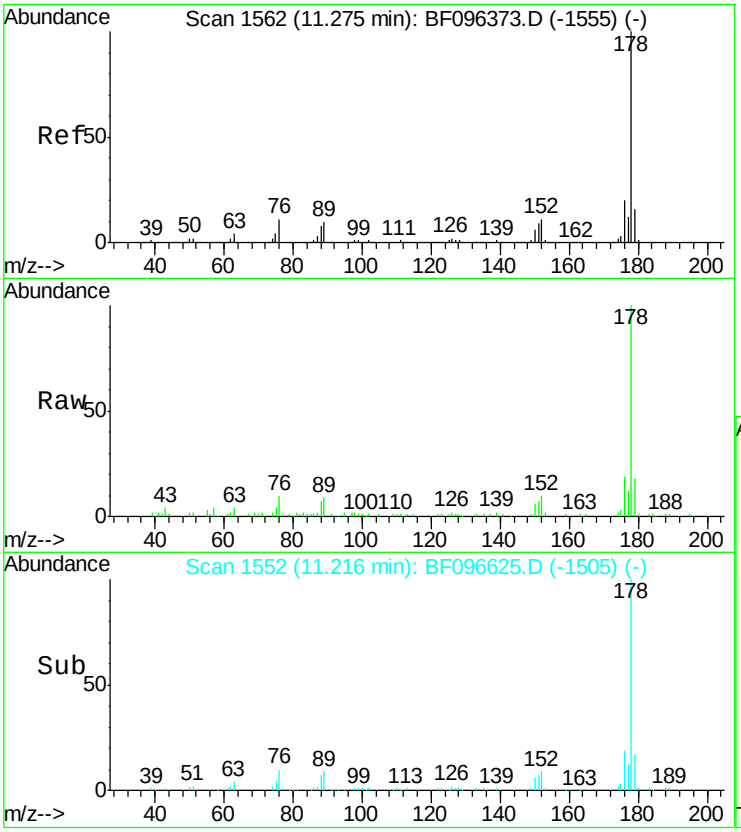


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.19 min Scan# 1548
Delta R.T. -0.02 min
Lab File: BF096625.D
Acq: 11 Jul 2017 2:24

Tgt Ion:188 Resp: 197215

Ion	Ratio	Lower	Upper
188	100		
94	11.0	9.4	14.2
80	12.4	10.2	15.2



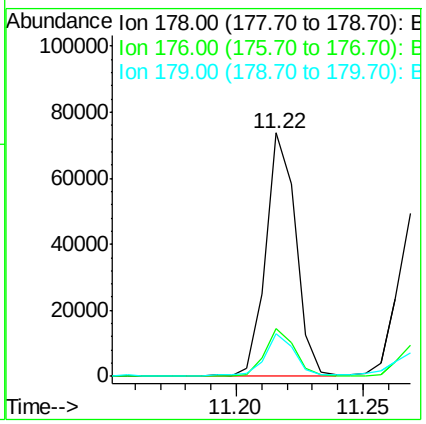


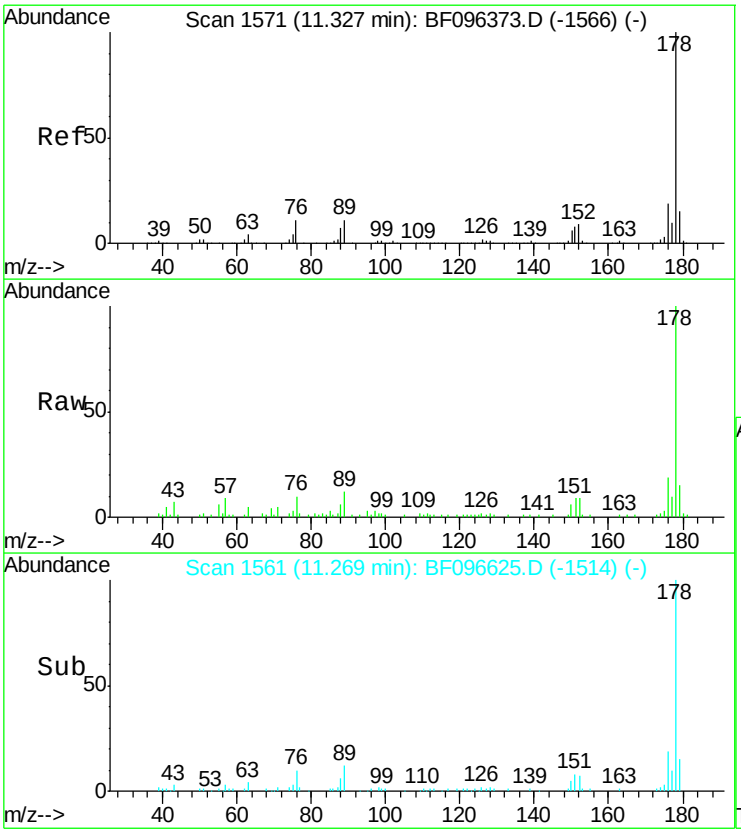
#70
Phenanthrene
Concen: 5.76 ng
RT: 11.22 min Scan# 1552
Delta R.T. -0.02 min
Lab File: BF096625.D
Acq: 11 Jul 2017 2:24

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 61456

Ion	Ratio	Lower	Upper
178	100		
176	19.4	16.2	24.4
179	17.6	12.6	19.0

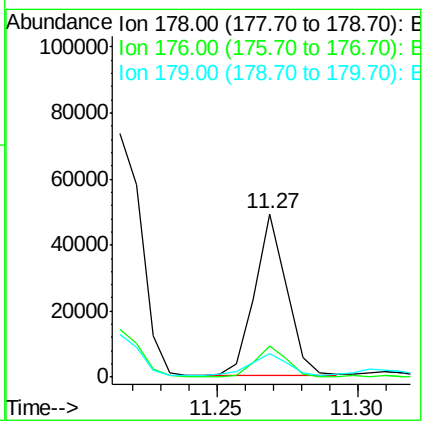


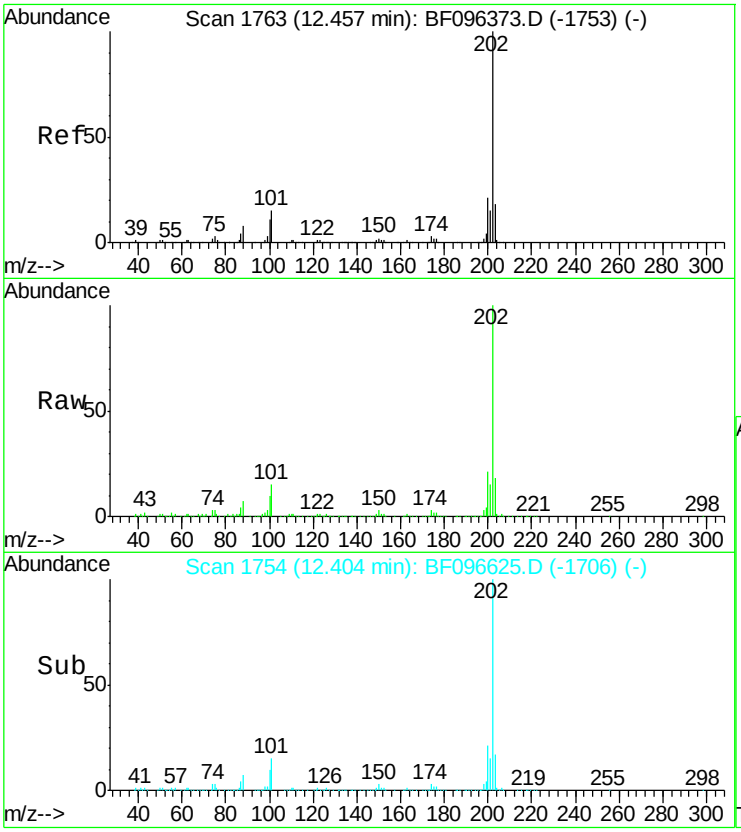


#71
Anthracene
Concen: 3.54 ng
RT: 11.27 min Scan# 1561
Delta R.T. -0.02 min
Lab File: BF096625.D
Acq: 11 Jul 2017 2:24

Tgt Ion:178 Resp: 38432

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.8	23.8
179	14.6	12.7	19.1



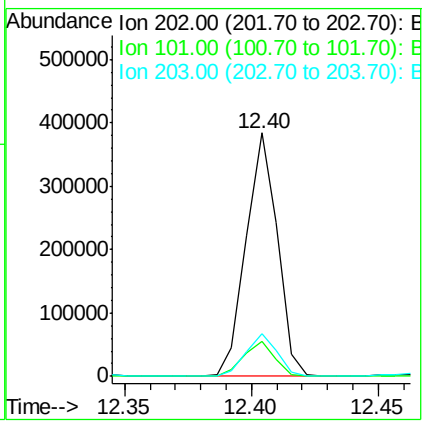


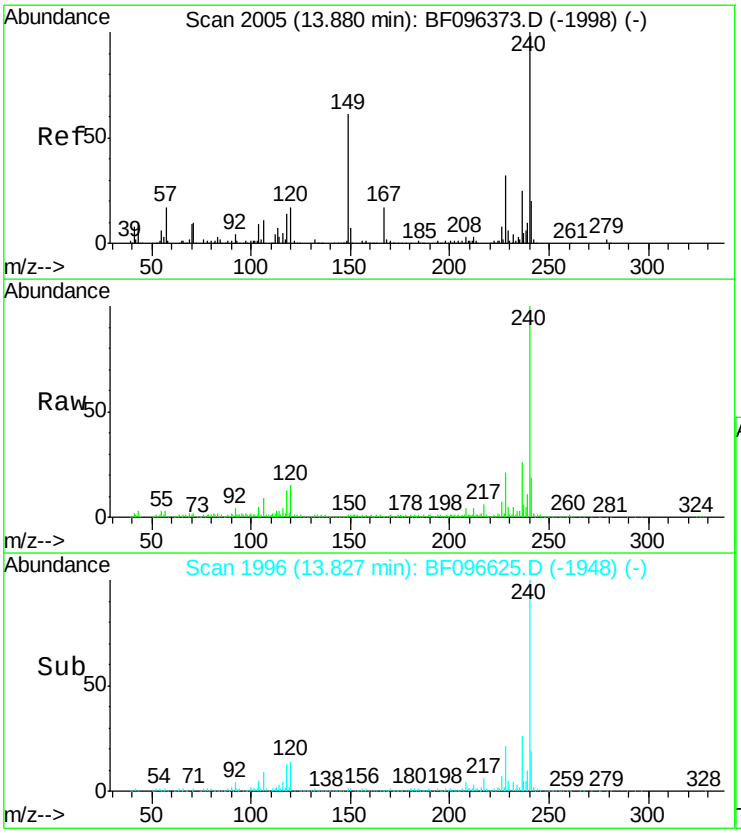
#74
Fluoranthene
Concen: 31.63 ng
RT: 12.40 min Scan# 1754
Delta R.T. -0.02 min
Lab File: BF096625.D
Acq: 11 Jul 2017 2:24

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 330603

Ion	Ratio	Lower	Upper
202	100		
101	14.5	0.0	33.2
203	17.6	0.0	38.1

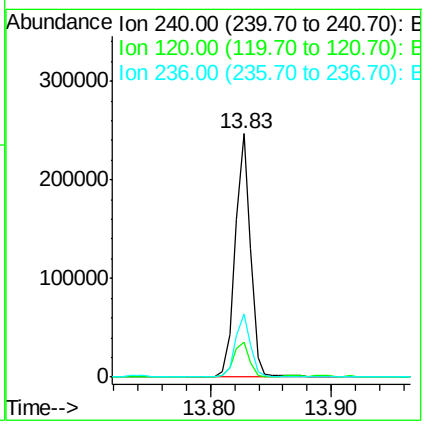


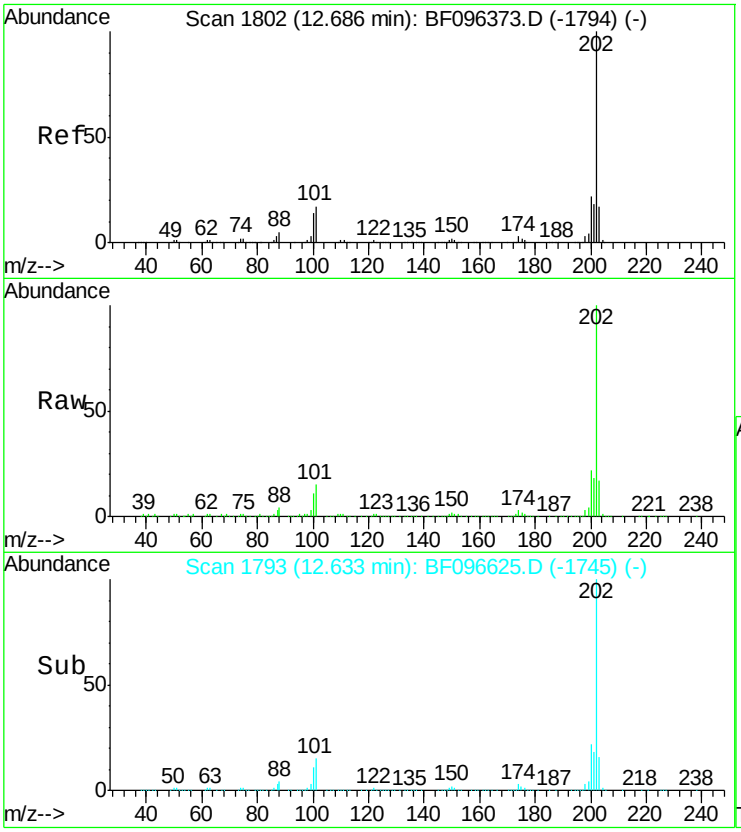


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.83 min Scan# 1996
Delta R.T. -0.02 min
Lab File: BF096625.D
Acq: 11 Jul 2017 2:24

Tgt Ion:240 Resp: 218763

Ion	Ratio	Lower	Upper
240	100		
120	14.5	5.8	8.8#
236	25.7	20.5	30.7



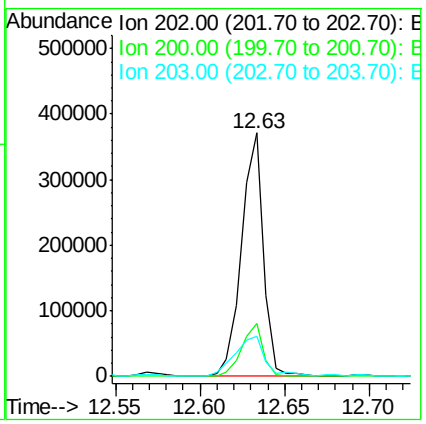


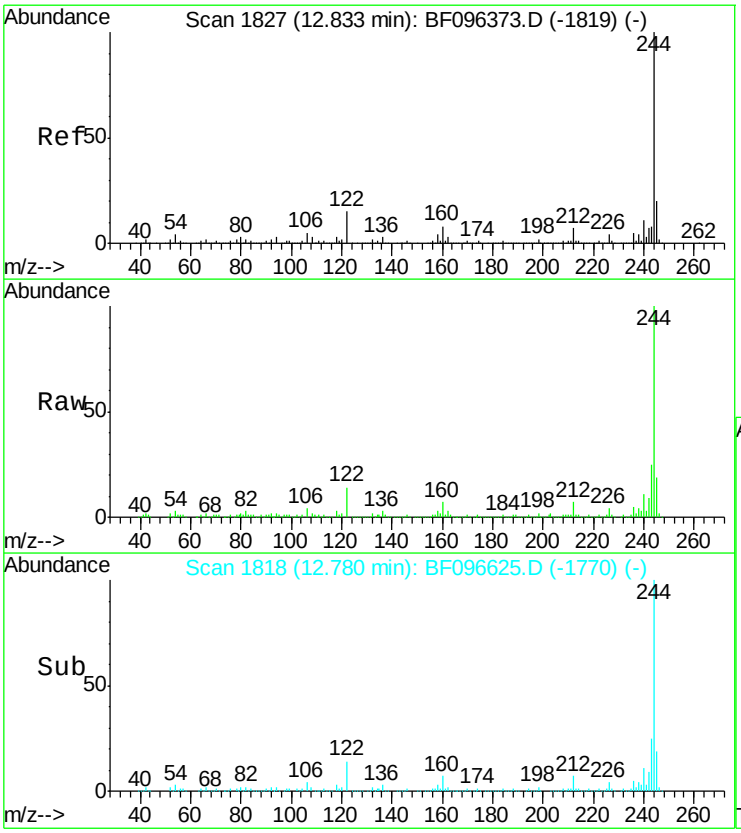
#77
Pyrene
Concen: 19.04 ng
RT: 12.63 min Scan# 1793
Delta R.T. -0.02 min
Lab File: BF096625.D
Acq: 11 Jul 2017 2:24

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 334411

Ion	Ratio	Lower	Upper
202	100		
200	21.8	17.6	26.4
203	16.6	14.4	21.6

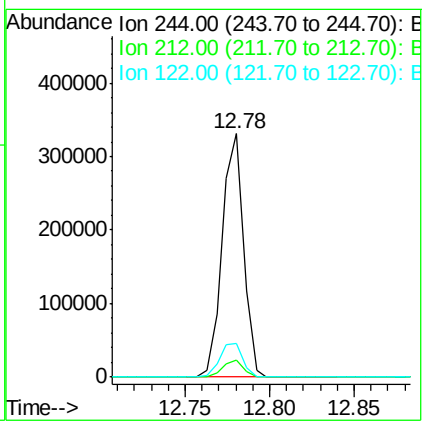


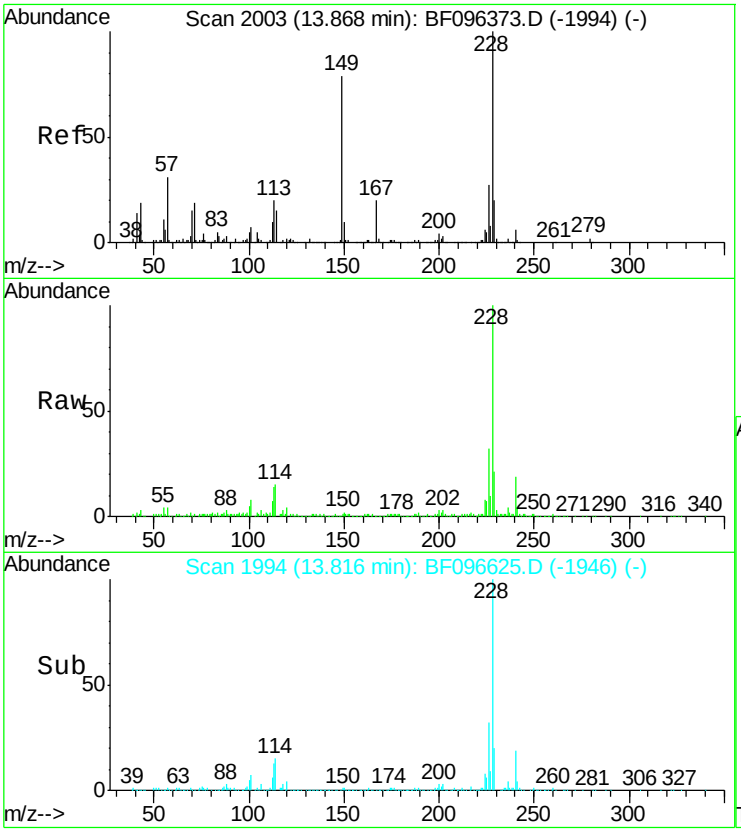


#78
Terphenyl-d14
Concen: 28.55 ng
RT: 12.78 min Scan# 1818
Delta R.T. -0.02 min
Lab File: BF096625.D
Acq: 11 Jul 2017 2:24

Tgt Ion:244 Resp: 292259

Ion	Ratio	Lower	Upper
244	100		
212	6.8	6.0	9.0
122	13.8	10.3	15.5



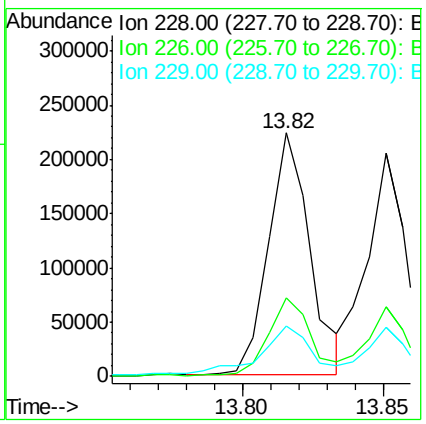


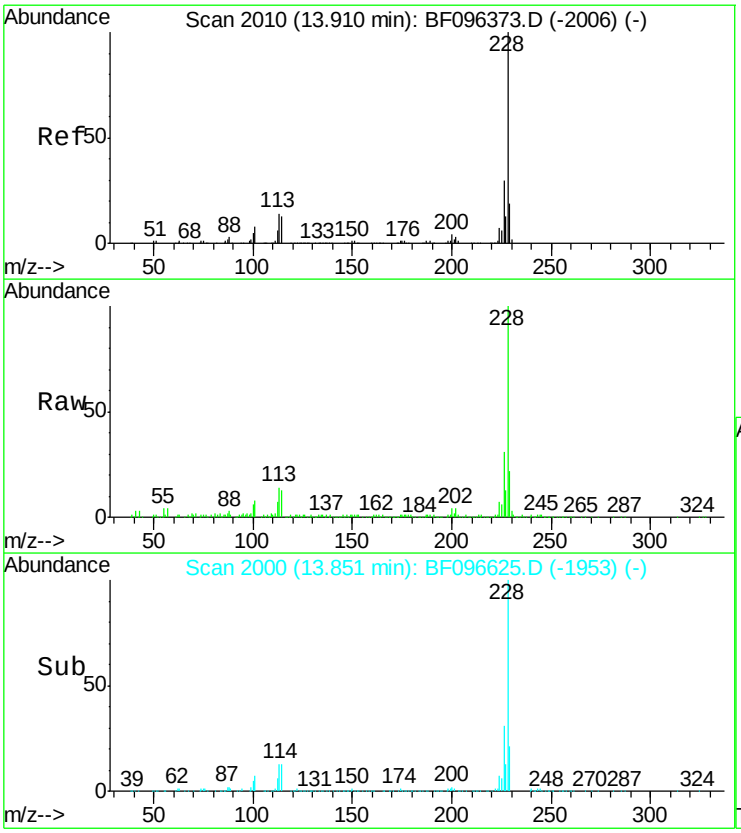
#80
Benzo(a)anthracene
Concen: 18.00 ng
RT: 13.82 min Scan# 1994
Delta R.T. -0.02 min
Lab File: BF096625.D
Acq: 11 Jul 2017 2:24

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 228010

Ion	Ratio	Lower	Upper
228	100		
226	32.3	22.6	33.8
229	20.8	16.3	24.5

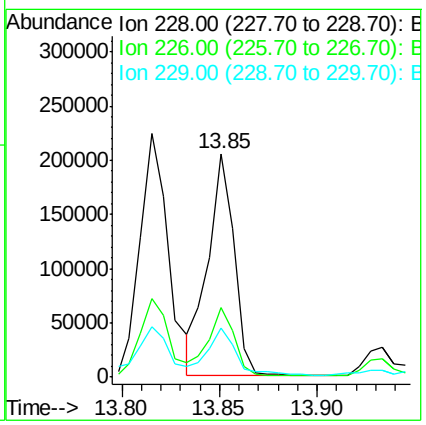


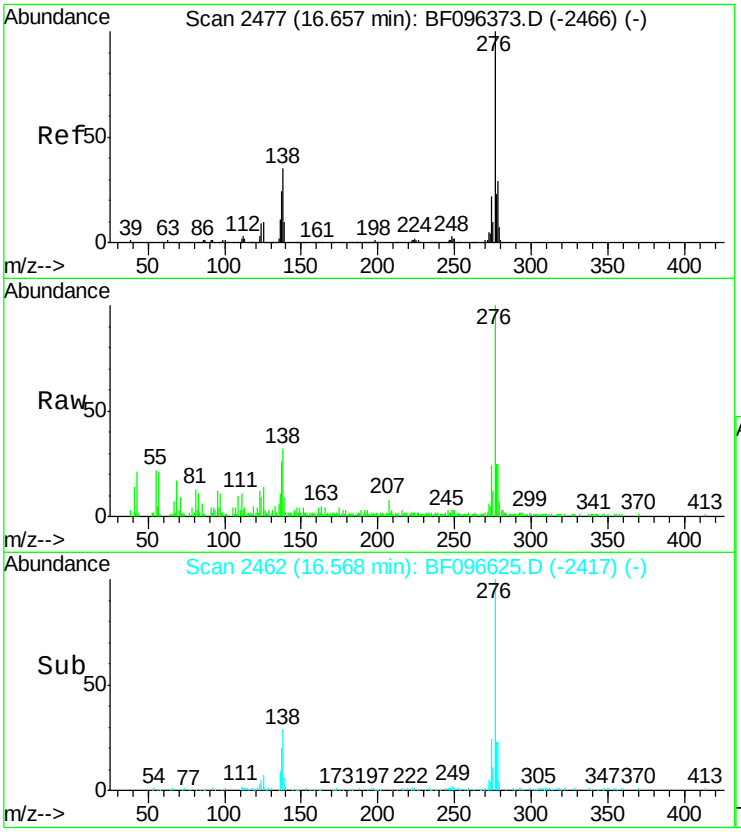


#82
Chrysene
Concen: 14.54 ng
RT: 13.85 min Scan# 2000
Delta R.T. -0.02 min
Lab File: BF096625.D
Acq: 11 Jul 2017 2:24

Tgt Ion:228 Resp: 192888

Ion	Ratio	Lower	Upper
228	100		
226	30.9	24.9	37.3
229	21.9	15.8	23.6



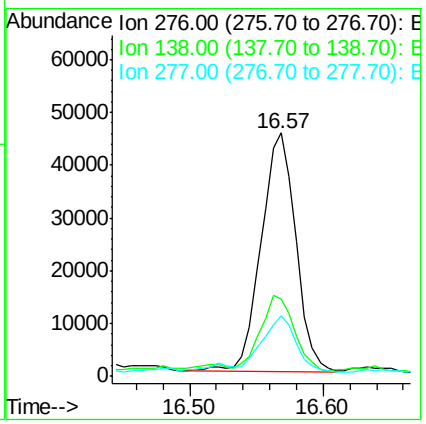


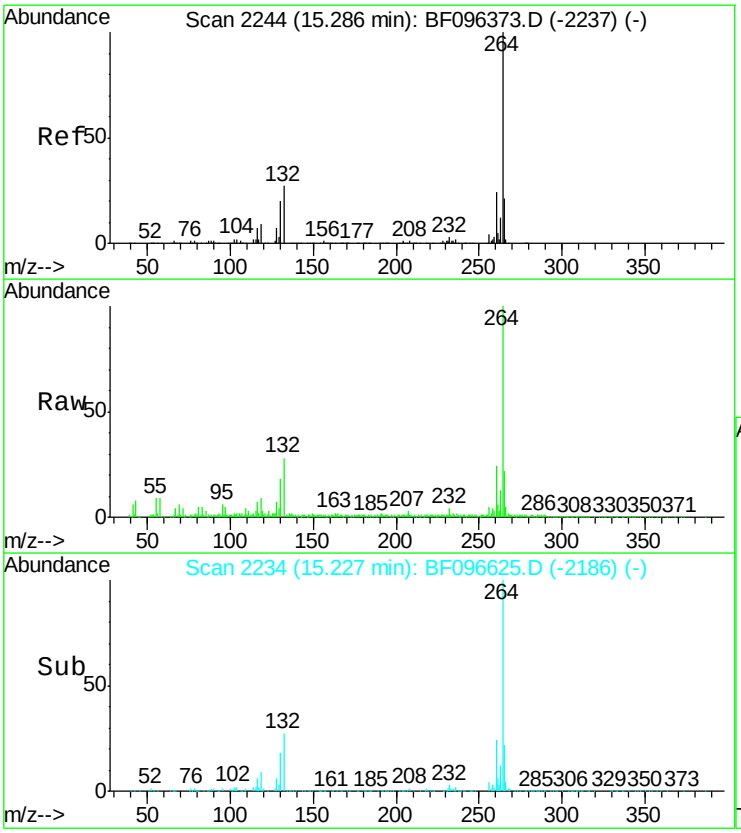
#85
Indeno(1,2,3-cd)pyrene
Concen: 7.81 ng
RT: 16.57 min Scan# 2462
Delta R.T. -0.04 min
Lab File: BF096625.D
Acq: 11 Jul 2017 2:24

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 81749

Ion	Ratio	Lower	Upper
276	100		
138	30.4	27.8	41.6
277	23.1	20.2	30.4

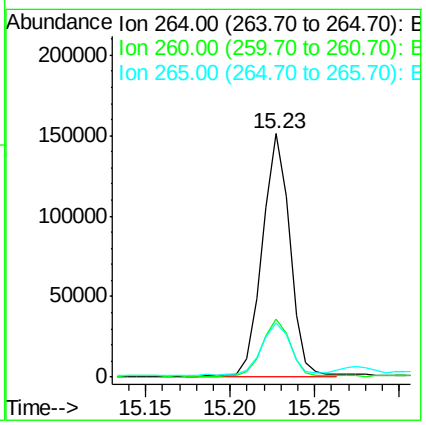


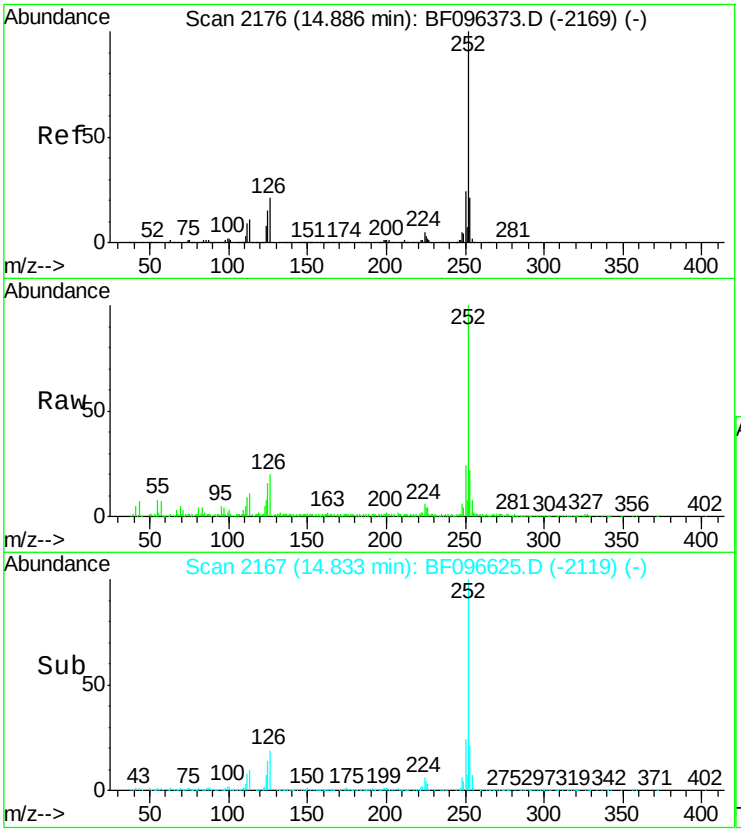


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.23 min Scan# 2234
Delta R.T. -0.02 min
Lab File: BF096625.D
Acq: 11 Jul 2017 2:24

Tgt Ion:264 Resp: 170472

Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.5	29.3
265	22.4	17.2	25.8



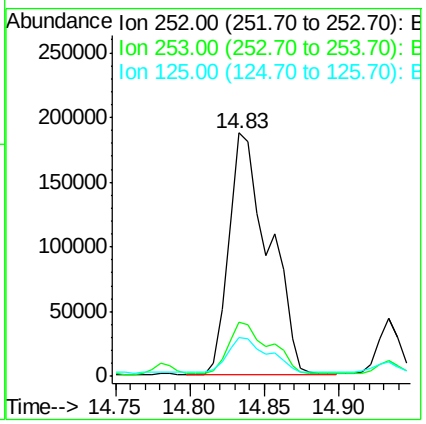


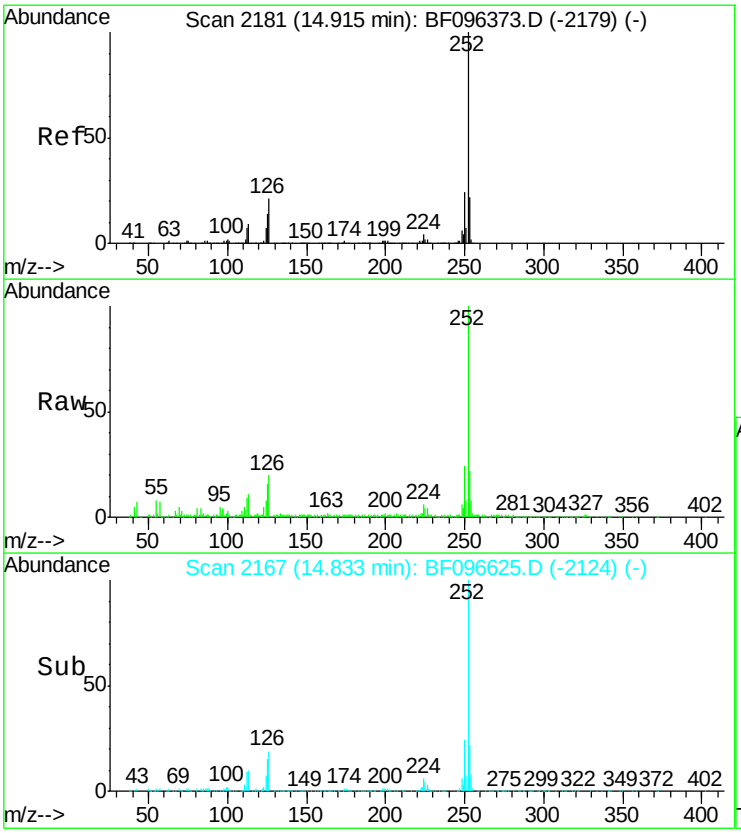
#87
Benzo(b)fluoranthene
Concen: 32.92 ng
RT: 14.83 min Scan# 2167
Delta R.T. -0.02 min
Lab File: BF096625.D
Acq: 11 Jul 2017 2:24

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 351635

Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.1	27.1
125	16.0	9.8	14.8#

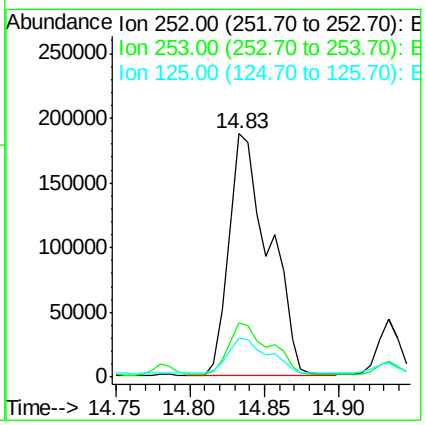


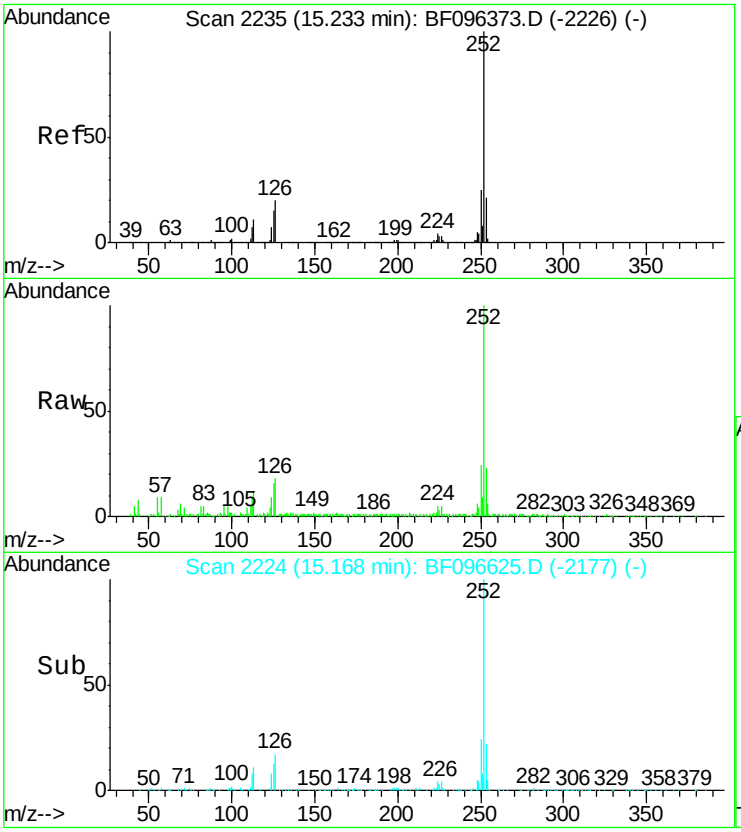


#88
Benzo(k)fluoranthene
Concen: 36.80 ng
RT: 14.83 min Scan# 2167
Delta R.T. -0.05 min
Lab File: BF096625.D
Acq: 11 Jul 2017 2:24

Tgt Ion:252 Resp: 351635

Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.4	27.6
125	16.0	13.1	19.7



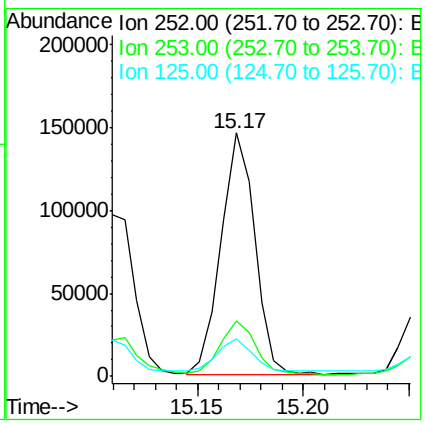


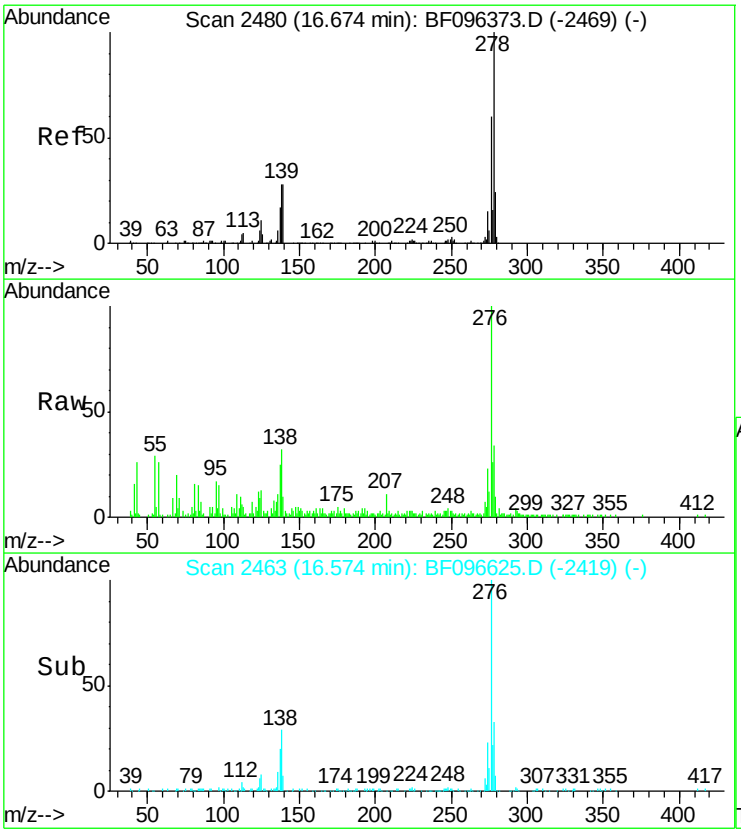
#89
Benzo(a)pyrene
Concen: 17.03 ng
RT: 15.17 min Scan# 2224
Delta R.T. -0.02 min
Lab File: BF096625.D
Acq: 11 Jul 2017 2:24

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 162407

Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.5	26.3
125	15.6	11.0	16.4

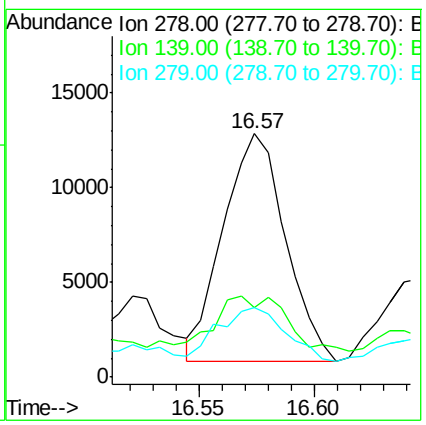


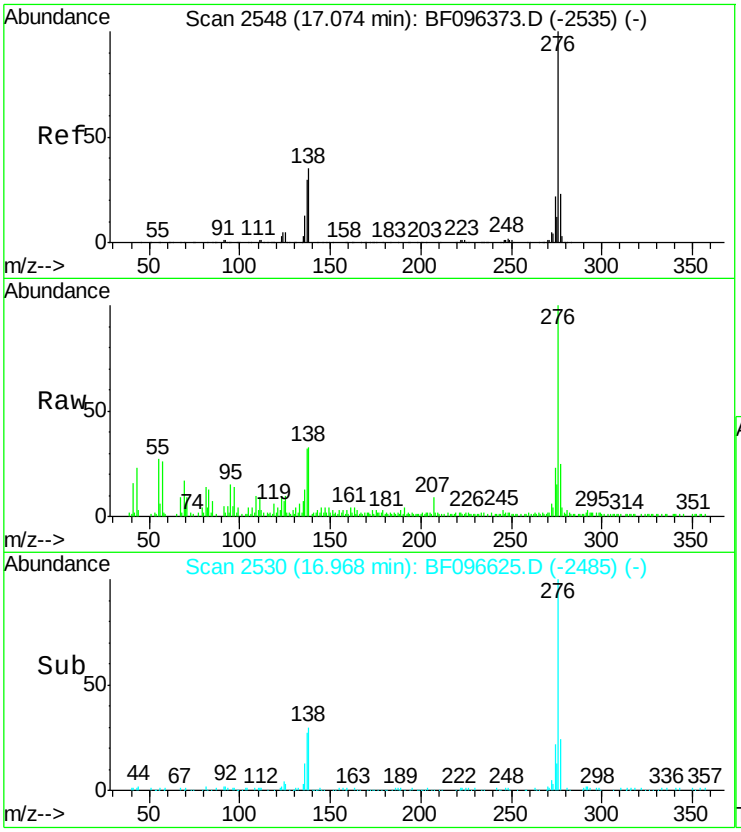


#90
Dibenzo(a,h)anthracene
Concen: 3.00 ng
RT: 16.57 min Scan# 2463
Delta R.T. -0.04 min
Lab File: BF096625.D
Acq: 11 Jul 2017 2:24

Tgt Ion:278 Resp: 22479

Ion	Ratio	Lower	Upper
278	100		
139	28.4	16.6	24.8#
279	28.4	19.3	28.9





#91
Benzo(g,h,i)perylene
Concen: 9.91 ng
RT: 16.97 min Scan# 2530
Delta R.T. -0.04 min
Lab File: BF096625.D
Acq: 11 Jul 2017 2:24

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 77057

Ion	Ratio	Lower	Upper
276	100		
277	25.5	18.6	28.0
138	32.6	25.4	38.0