Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF071118\
Data File : BF107301.D
Acq On : 11 Jul 2018 15:45
Operator : JU/SJ
Sample : J3933-03 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EP-3-6

Quant Time: Jul 11 16:17:34 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 29 14:38:29 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.93	152	58122	20.00	ng		-0.03
21) Naphthalene-d8	8.21	136	209363	20.00	ng		-0.04
38) Acenaphthene-d10	9.98	164	87100	20.00	ng		-0.03
63) Phenanthrene-d10	11.48	188	151804	20.00	ng		-0.02
75) Chrysene-d12	14.14	240	179618	20.00	ng		-0.02
86) Perylene-d12	15.68	264	172211	20.00	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.57	112	89411	26.05	ng		-0.03
7) Phenol-d6	6.58	99	110516	25.78	ng		-0.04
23) Nitrobenzene-d5	7.50	82	64907	17.23	ng		-0.04
41) 2,4,6-Tribromophenol	10.78	330	22041	21.83	ng		-0.02
44) 2-Fluorobiphenyl	9.29	172	109999	8.02	ng		-0.03
78) Terphenyl-d14	13.06	244	112369	15.15	ng		-0.02
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.50	70	8118	2.873	ng	#	74
25) Isophorone	7.50	82	64907	9.777	ng	#	64
49) Dimethylphthalate	9.68	163	19538	2.991	ng	#	99
50) 2,6-Dinitrotoluene	9.98	165	10924	7.897	ng	#	24
56) 2,4-Dinitrotoluene	9.98	165	10924	6.050	ng	#	21
70) Phenanthrene	11.50	178	295361	40.340	ng		100
71) Anthracene	11.55	178	81103	10.852	ng		97
72) Carbazole	11.71	167	22973	3.283	ng	#	97
74) Fluoranthene	12.71	202	701742	86.956	ng		95
77) Pyrene	12.94	202	748314	63.178	ng		100
80) Benzo(a)anthracene	14.13	228	526618	48.105	ng		99
82) Chrysene	14.17	228	448935	44.575	ng		98
87) Benzo(b)fluoranthene	15.23	252	749280	70.042	ng		96
88) Benzo(k)fluoranthene	15.34	252	89684	8.803	ng		93
89) Benzo(a)pyrene	15.55	252	277851	29.217	ng		98
90) Dibenzo(a,h)anthracene	17.52	278	23790	2.952	ng		96
91) Benzo(g,h,i)perylene	17.76	276	166938	21.191	ng	#	89

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF071118\
Data File : BF107301.D
Acq On : 11 Jul 2018 15:45
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Sample : J3933-03 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

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BNA_F
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EP-3-6

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QLast Update : Fri Jun 29 14:38:29 2018
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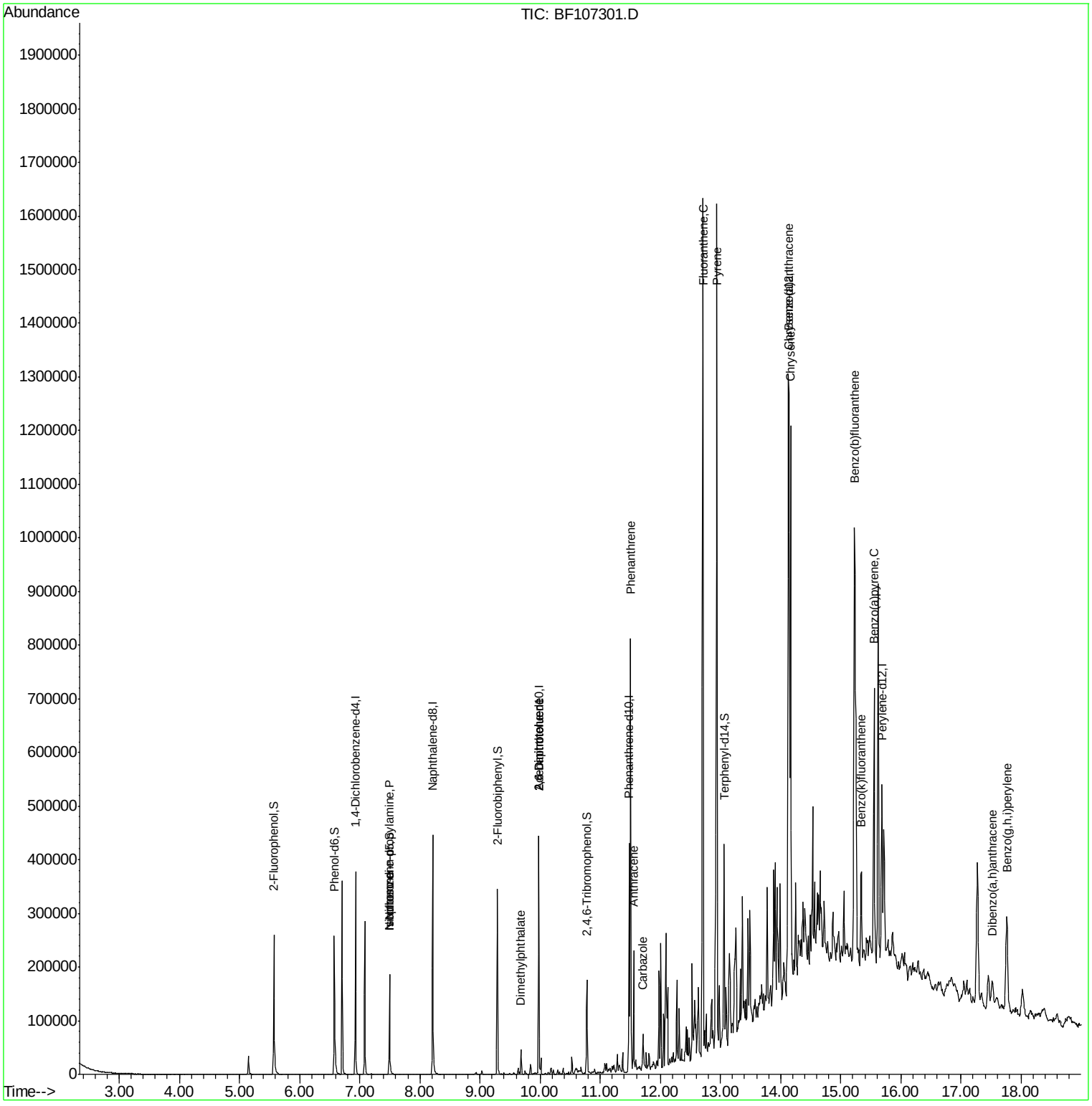
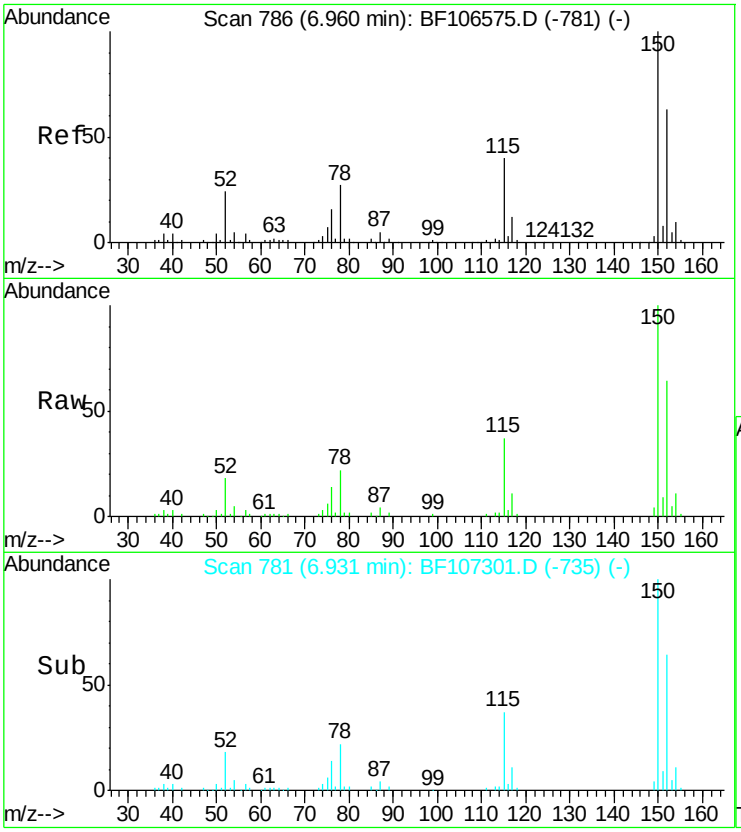


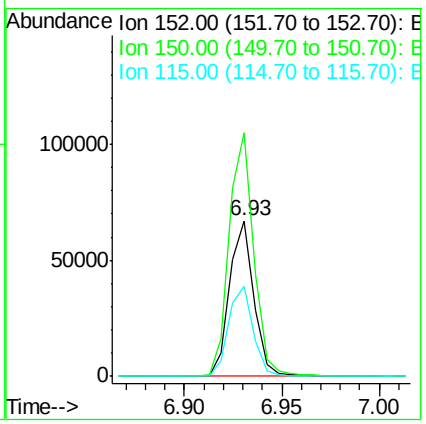


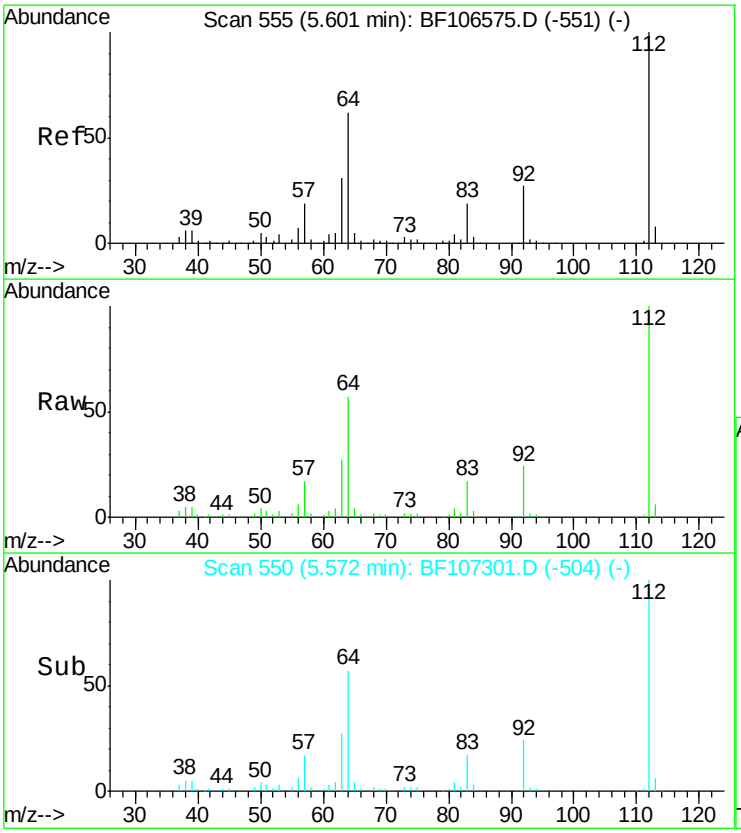
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.93 min Scan# 781
Delta R.T. -0.03 min
Lab File: BF107301.D
Acq: 11 Jul 2018 15:45

Instrument :
BNA_F
ClientSampleId :
EP-3-6

Tgt Ion:152 Resp: 58122

Ion	Ratio	Lower	Upper
152	100		
150	156.6	124.6	186.8
115	58.2	50.1	75.1

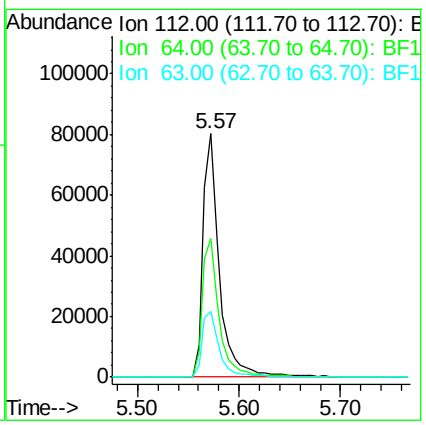


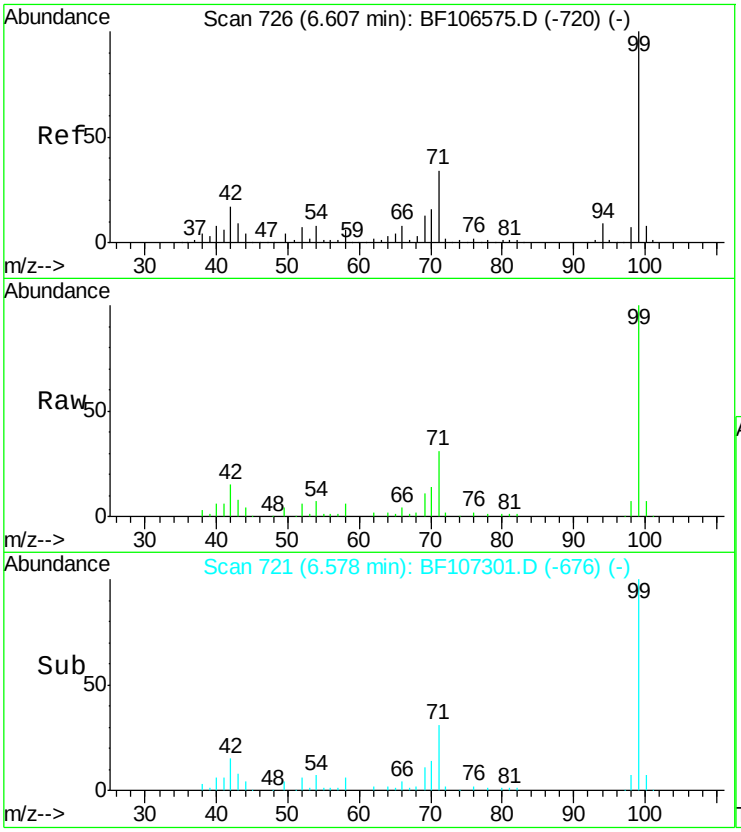


#5
2-Fluorophenol
Concen: 26.049 ng
RT: 5.57 min Scan# 550
Delta R.T. -0.03 min
Lab File: BF107301.D
Acq: 11 Jul 2018 15:45

Tgt Ion:112 Resp: 89411

Ion	Ratio	Lower	Upper
112	100		
64	57.1	47.9	71.9
63	26.8	23.7	35.5



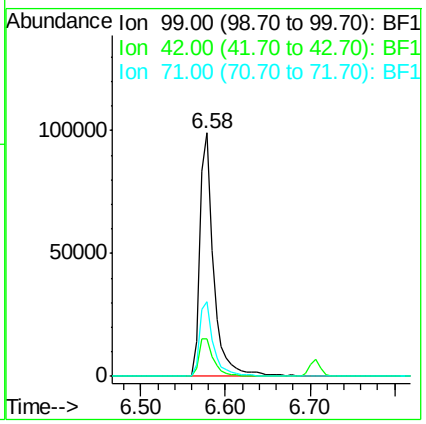


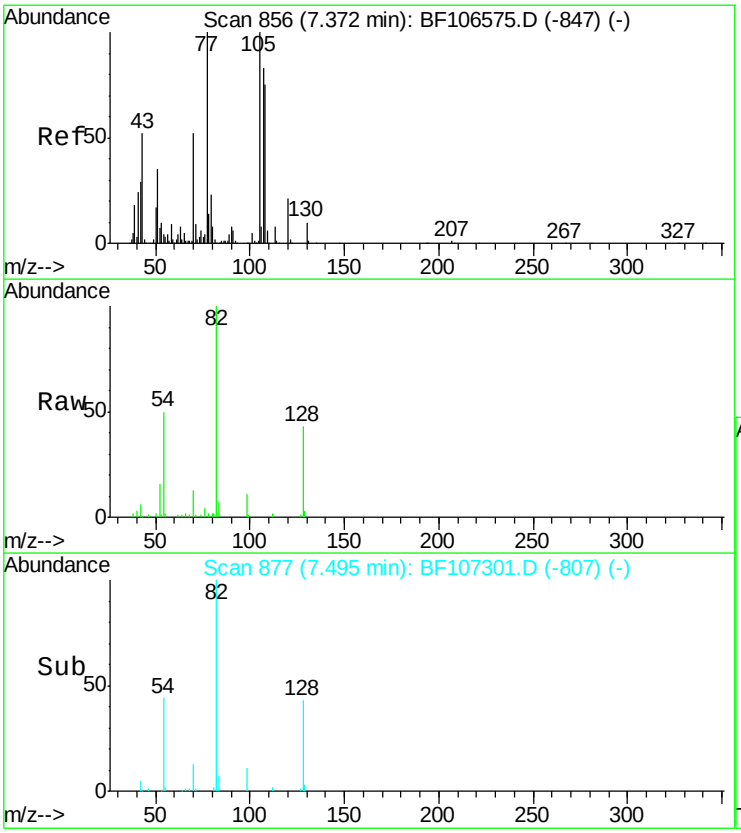
#7
Phenol-d6
Concen: 25.783 ng
RT: 6.58 min Scan# 721
Delta R.T. -0.04 min
Lab File: BF107301.D
Acq: 11 Jul 2018 15:45

Instrument :
BNA_F
ClientSampleId :
EP-3-6

Tgt Ion: 99 Resp: 110516

Ion	Ratio	Lower	Upper
99	100		
42	15.4	14.5	21.7
71	30.7	25.4	38.0

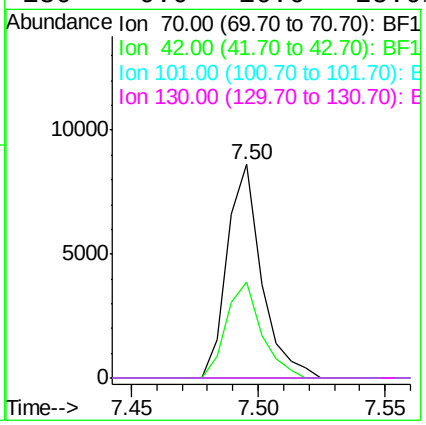


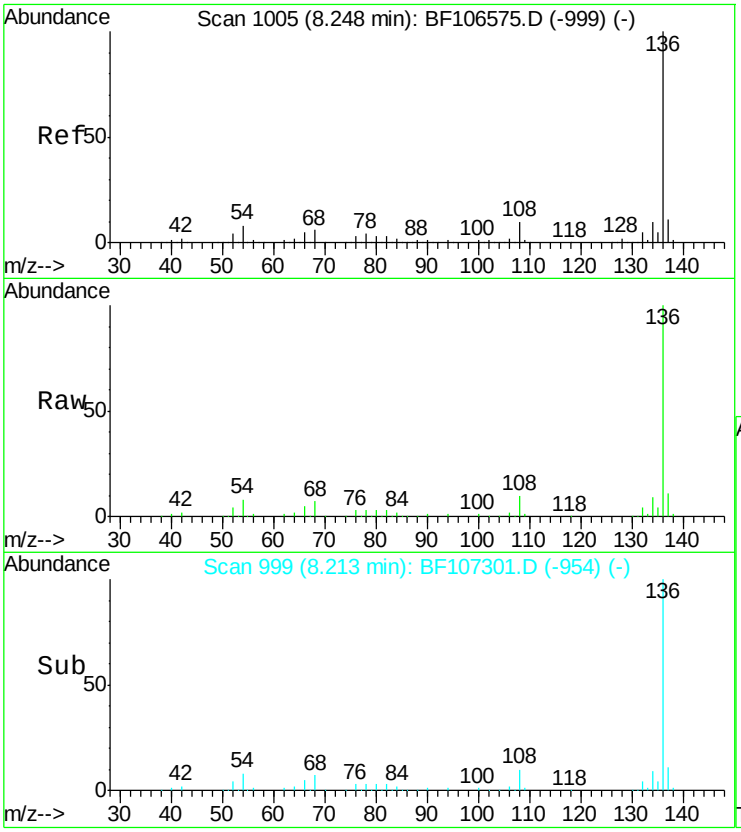


#19
n-Nitroso-di-n-propylamine
Concen: 2.873 ng
RT: 7.50 min Scan# 877
Delta R.T. 0.11 min
Lab File: BF107301.D
Acq: 11 Jul 2018 15:45

Tgt Ion: 70 Resp: 8118

Ion	Ratio	Lower	Upper
70	100		
42	45.2	47.5	71.3#
101	0.0	7.4	11.2#
130	0.0	16.6	25.0#



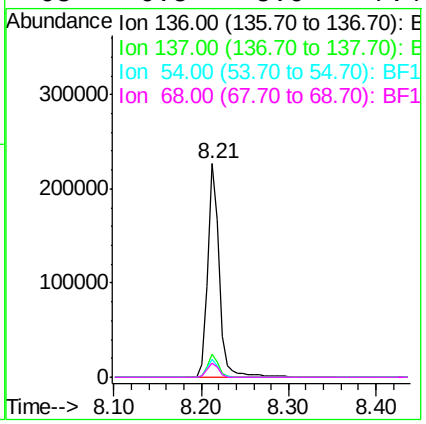


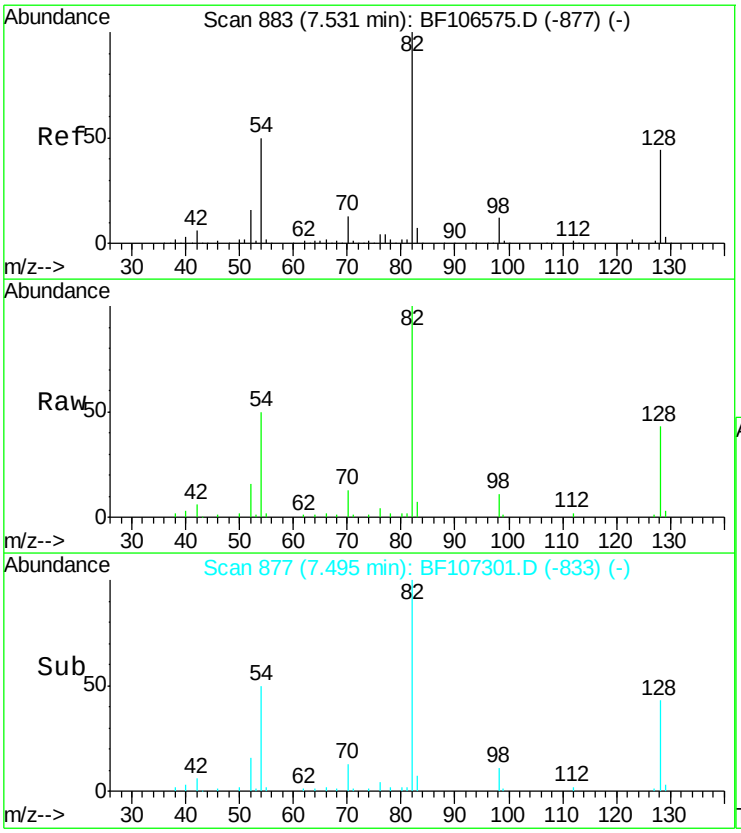
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.21 min Scan# 999
Delta R.T. -0.04 min
Lab File: BF107301.D
Acq: 11 Jul 2018 15:45

Instrument :
BNA_F
ClientSampleId :
EP-3-6

Tgt Ion:136 Resp: 209363

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.9	13.3
54	8.2	6.6	9.8
68	6.5	5.0	7.4

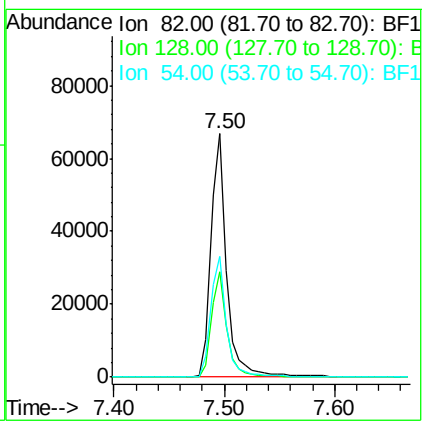


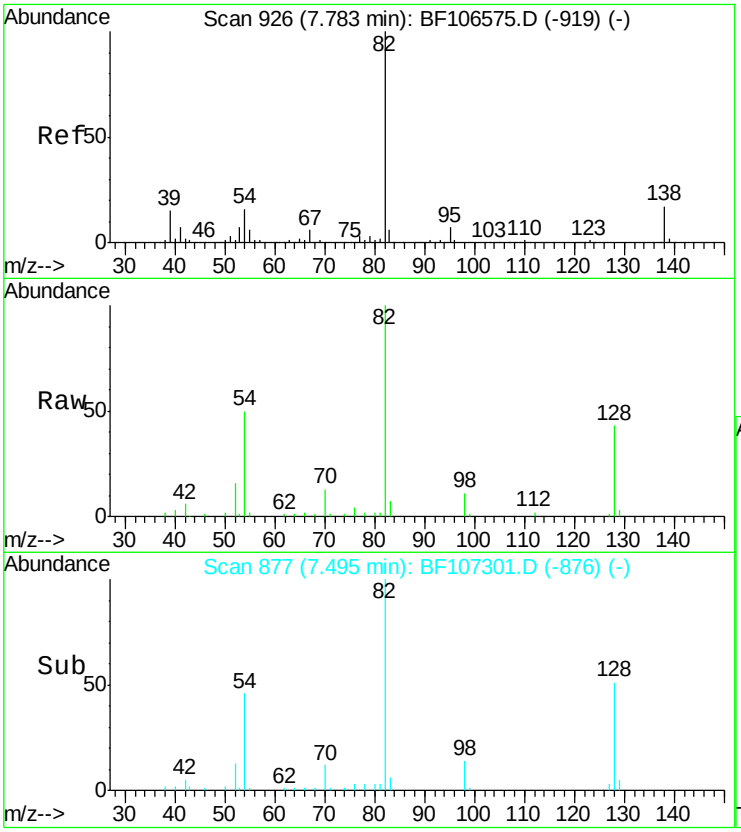


#23
Nitrobenzene-d5
Concen: 17.229 ng
RT: 7.50 min Scan# 877
Delta R.T. -0.04 min
Lab File: BF107301.D
Acq: 11 Jul 2018 15:45

Tgt Ion: 82 Resp: 64907

Ion	Ratio	Lower	Upper
82	100		
128	43.3	36.1	54.1
54	49.6	41.4	62.2



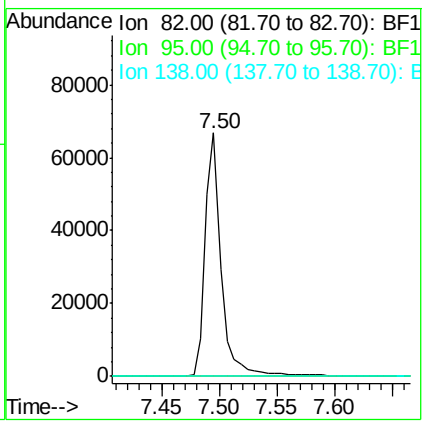


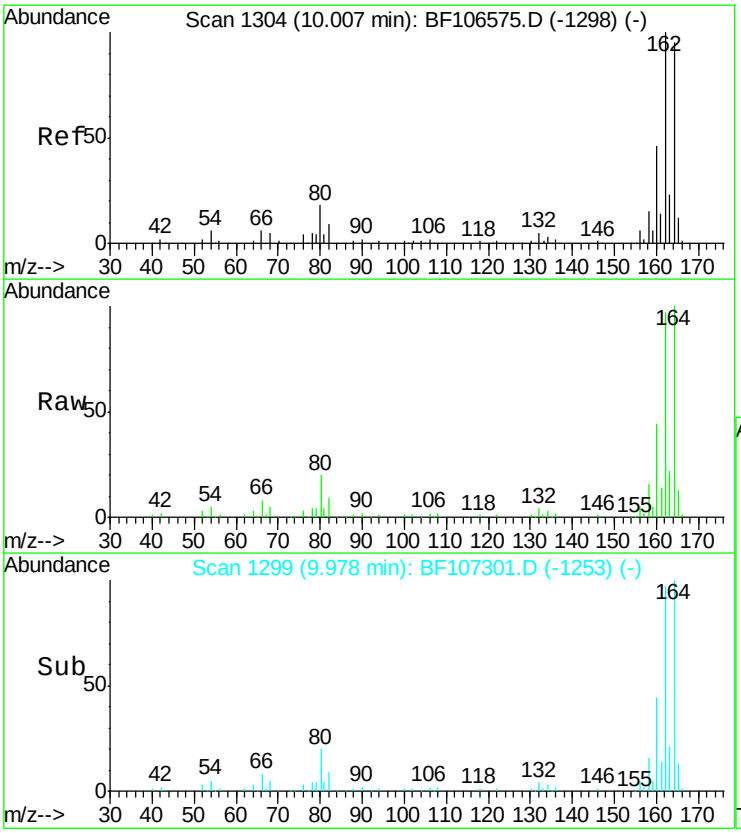
#25
Isophorone
Concen: 9.777 ng
RT: 7.50 min Scan# 877
Delta R.T. -0.29 min
Lab File: BF107301.D
Acq: 11 Jul 2018 15:45

Instrument :
BNA_F
ClientSampleId :
EP-3-6

Tgt Ion: 82 Resp: 64907

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.2	7.8#
138	0.0	14.9	22.3#

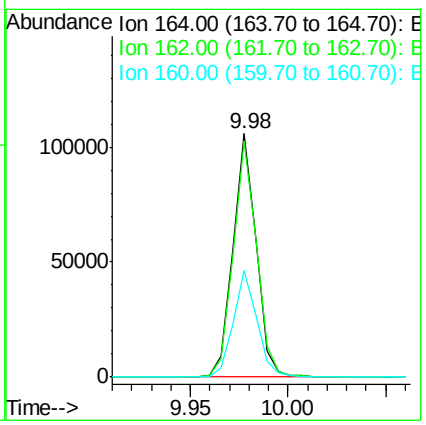


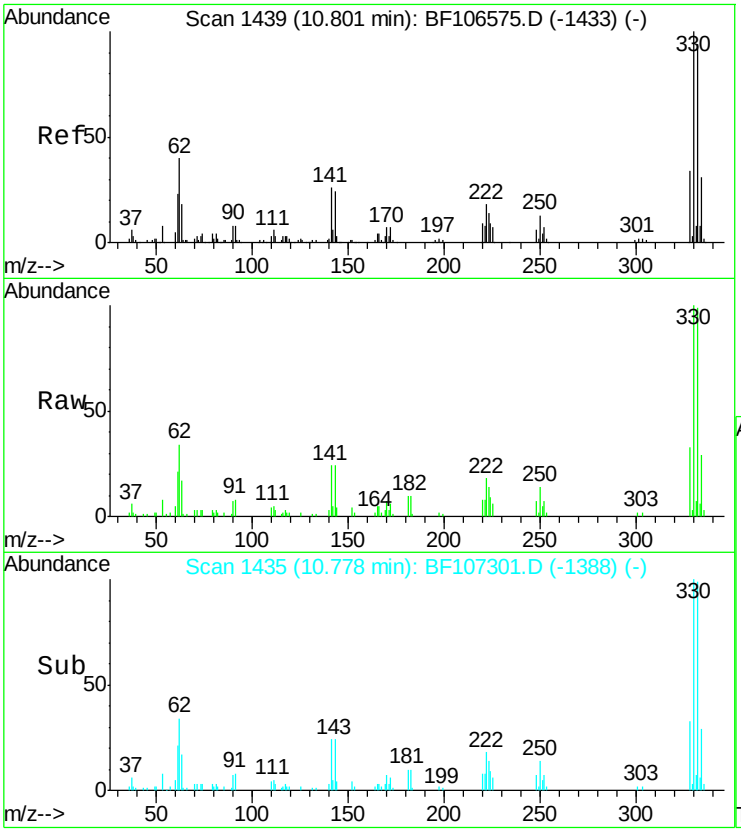


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.98 min Scan# 1299
Delta R.T. -0.03 min
Lab File: BF107301.D
Acq: 11 Jul 2018 15:45

Tgt Ion:164 Resp: 87100

Ion	Ratio	Lower	Upper
164	100		
162	96.9	86.1	129.1
160	43.9	38.3	57.5



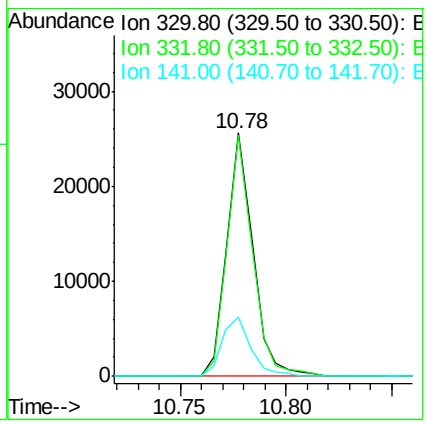


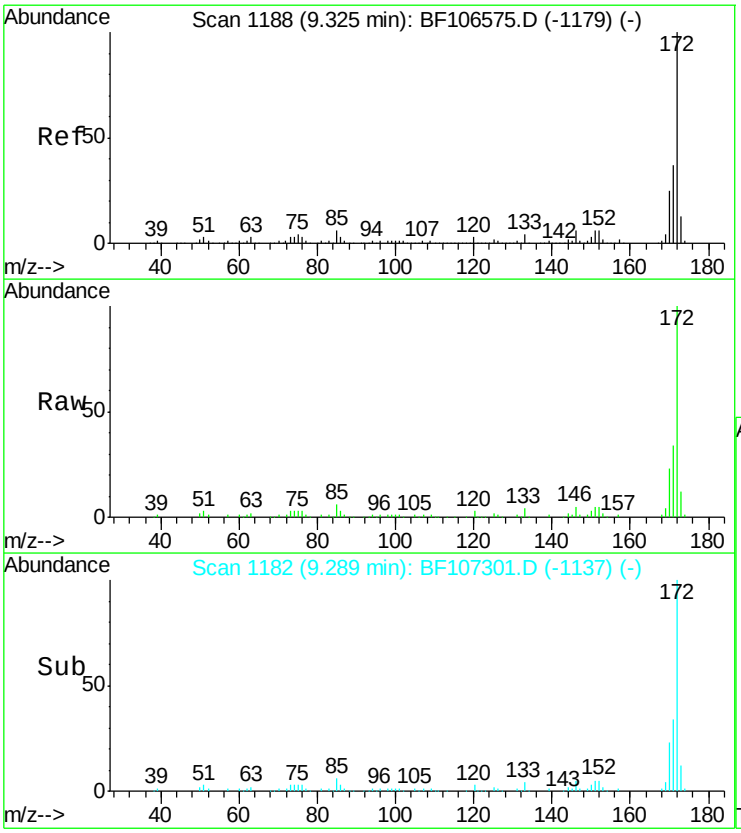
#41
2,4,6-Tribromophenol
Concen: 21.833 ng
RT: 10.78 min Scan# 1435
Delta R.T. -0.02 min
Lab File: BF107301.D
Acq: 11 Jul 2018 15:45

Instrument :
BNA_F
ClientSampleId :
EP-3-6

Tgt Ion:330 Resp: 22041

Ion	Ratio	Lower	Upper
330	100		
332	96.9	77.0	115.6
141	26.8	29.9	44.9#

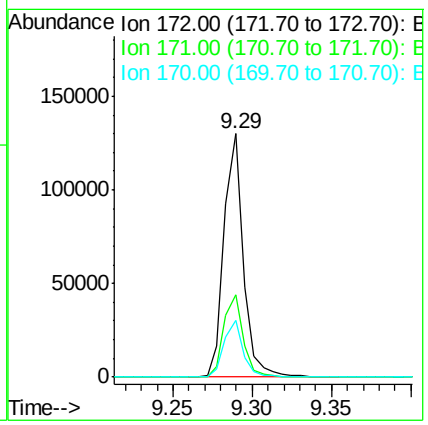


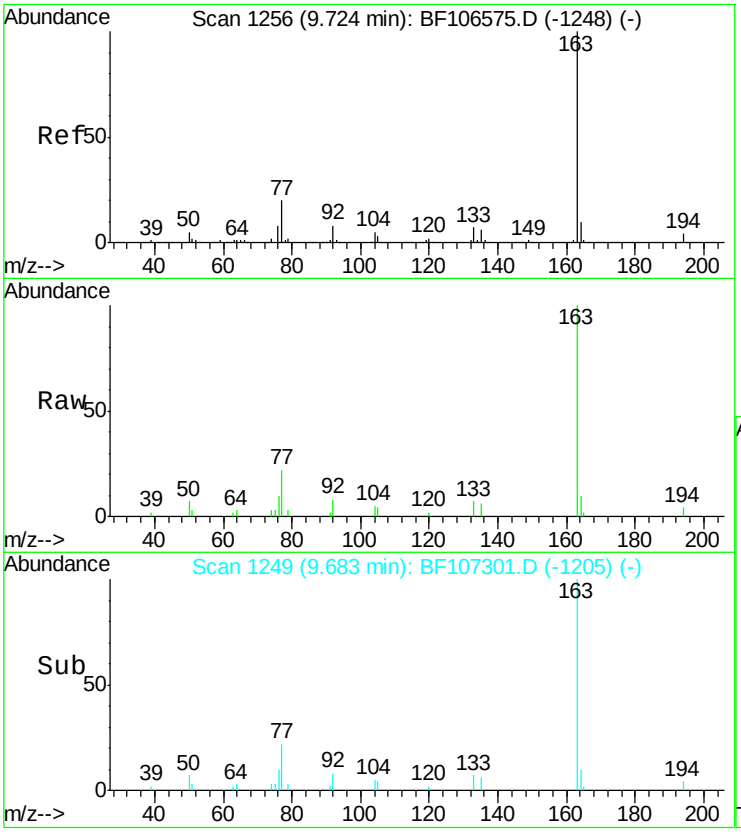


#44
2-Fluorobiphenyl
Concen: 8.016 ng
RT: 9.29 min Scan# 1182
Delta R.T. -0.03 min
Lab File: BF107301.D
Acq: 11 Jul 2018 15:45

Tgt Ion:172 Resp: 109999

Ion	Ratio	Lower	Upper
172	100		
171	33.8	29.7	44.5
170	23.3	19.6	29.4



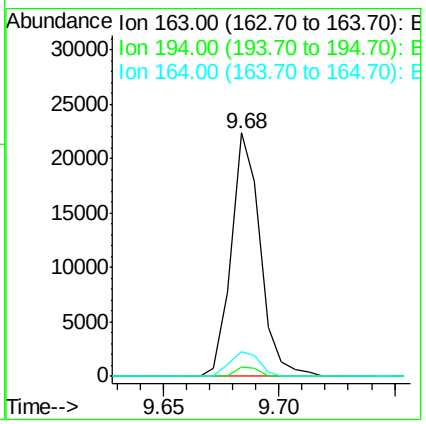


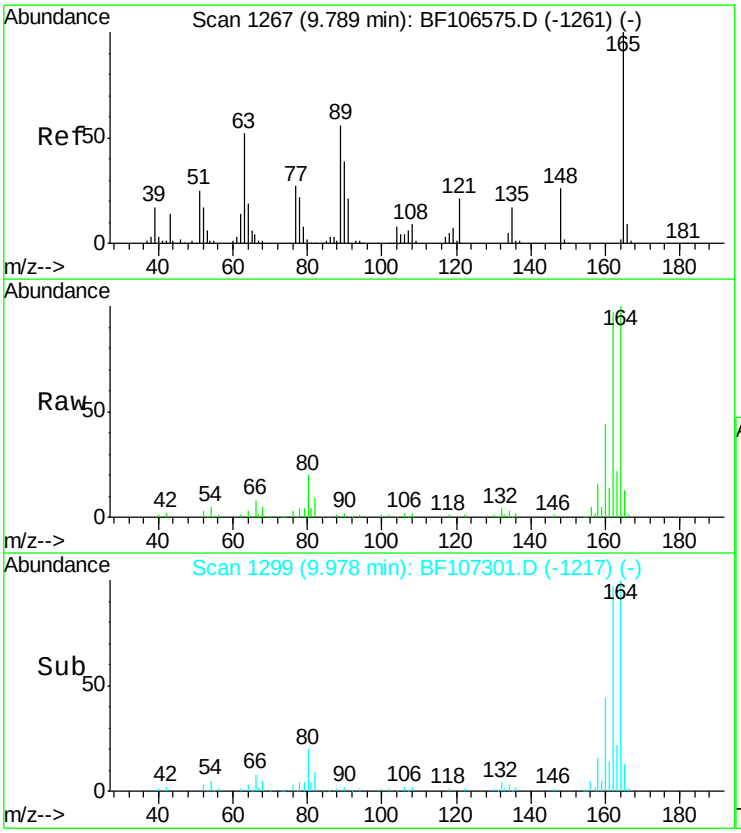
#49
Dimethylphthalate
Concen: 2.991 ng
RT: 9.68 min Scan# 1249
Delta R.T. -0.04 min
Lab File: BF107301.D
Acq: 11 Jul 2018 15:45

Instrument :
BNA_F
ClientSampleId :
EP-3-6

Tgt Ion:163 Resp: 19538

Ion	Ratio	Lower	Upper
163	100		
194	4.1	2.7	4.1#
164	10.1	8.2	12.2

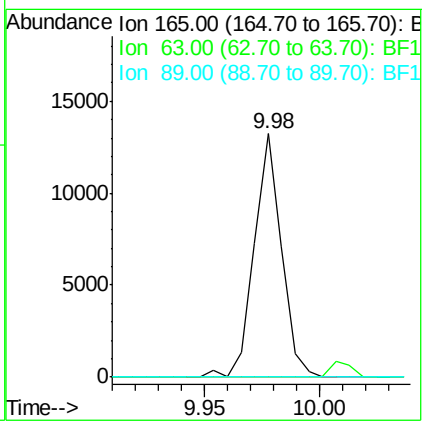


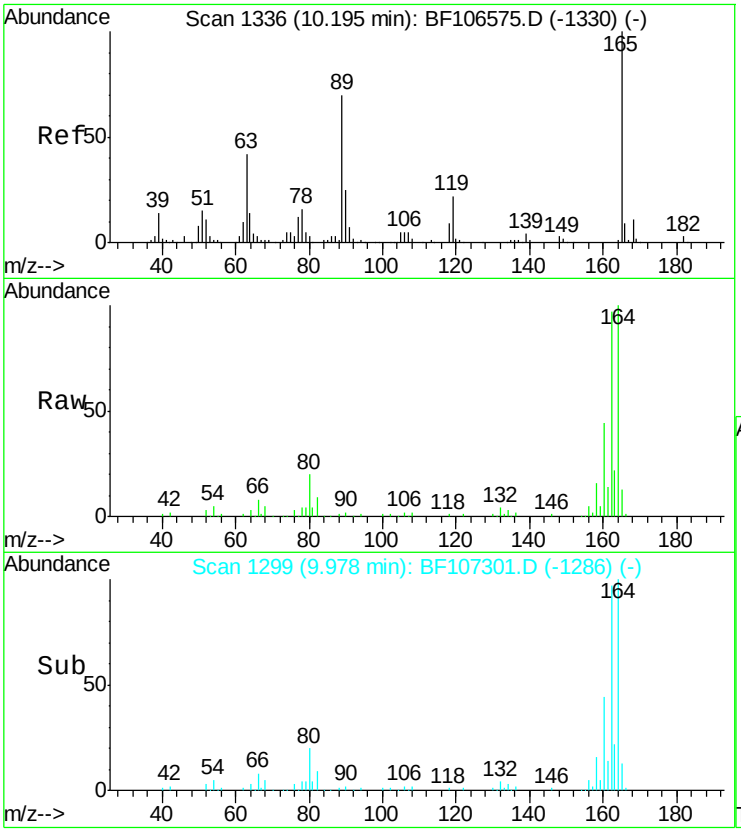


#50
2,6-Dinitrotoluene
Concen: 7.897 ng
RT: 9.98 min Scan# 1299
Delta R.T. 0.18 min
Lab File: BF107301.D
Acq: 11 Jul 2018 15:45

Tgt Ion:165 Resp: 10924

Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.7	67.1#
89	0.0	44.0	66.0#



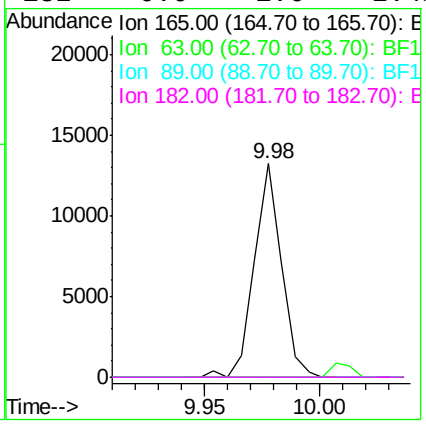


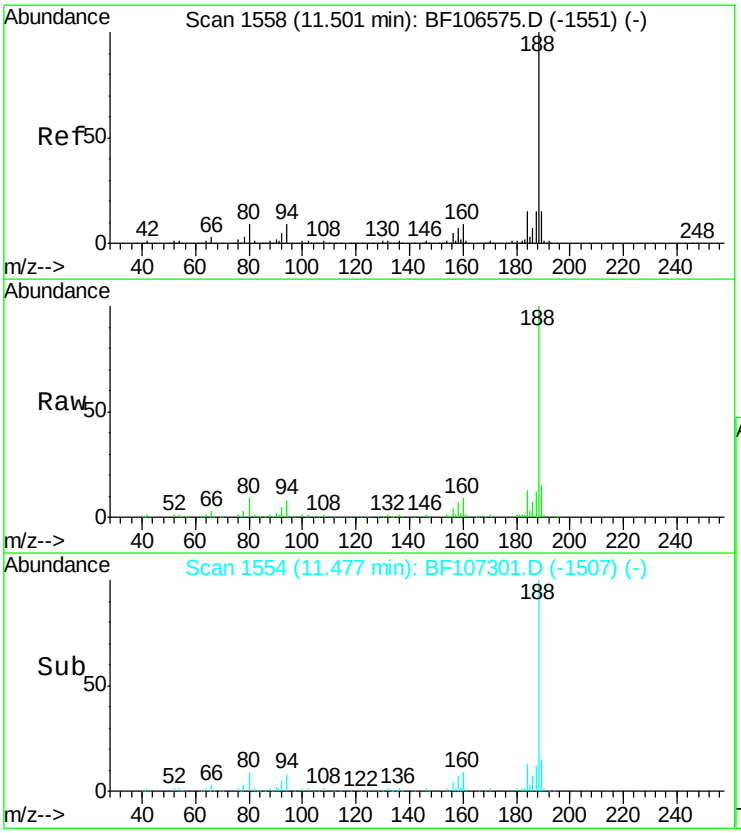
#56
2,4-Dinitrotoluene
Concen: 6.050 ng
RT: 9.98 min Scan# 1299
Delta R.T. -0.22 min
Lab File: BF107301.D
Acq: 11 Jul 2018 15:45

Instrument :
BNA_F
ClientSampleId :
EP-3-6

Tgt Ion:165 Resp: 10924

Ion	Ratio	Lower	Upper
165	100		
63	0.0	36.4	54.6#
89	0.0	57.8	86.6#
182	0.0	1.6	2.4#

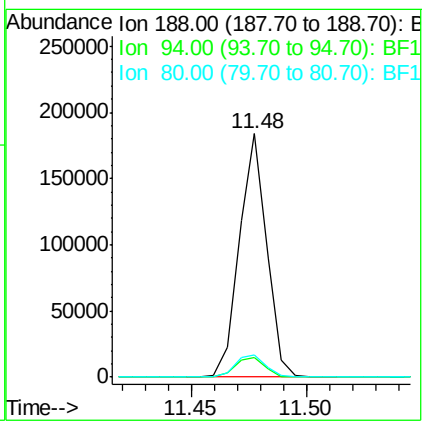


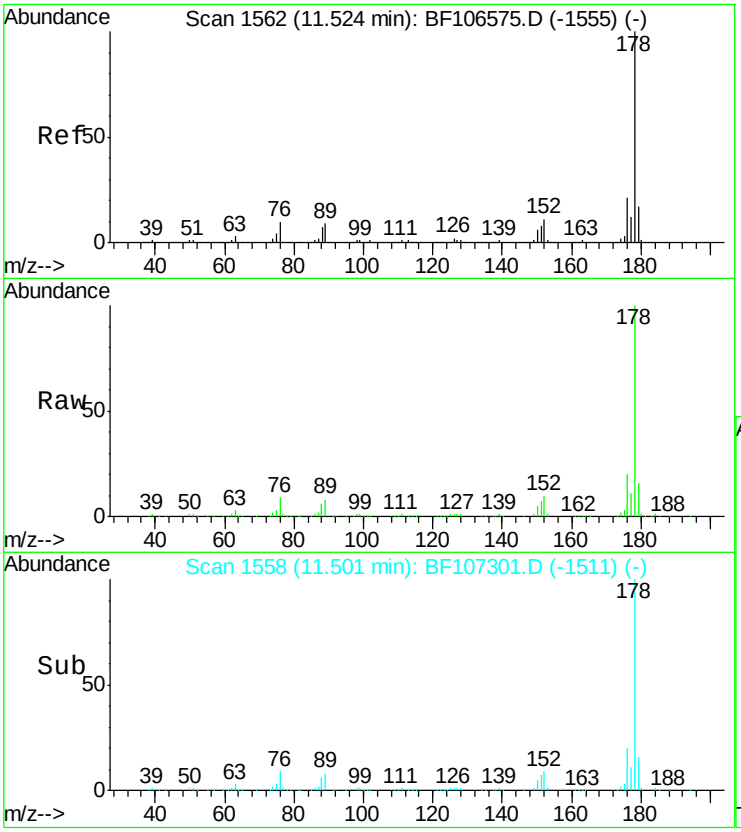


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.48 min Scan# 1554
Delta R.T. -0.02 min
Lab File: BF107301.D
Acq: 11 Jul 2018 15:45

Tgt Ion:188 Resp: 151804

Ion	Ratio	Lower	Upper
188	100		
94	8.3	8.5	12.7#
80	9.2	9.2	13.8



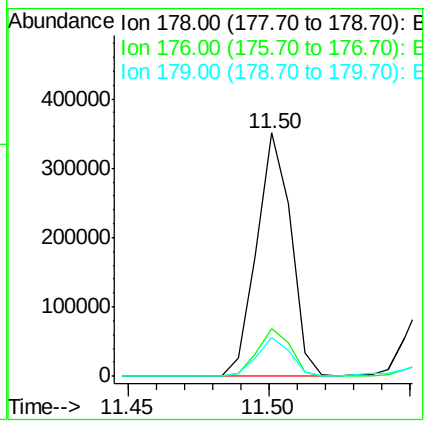


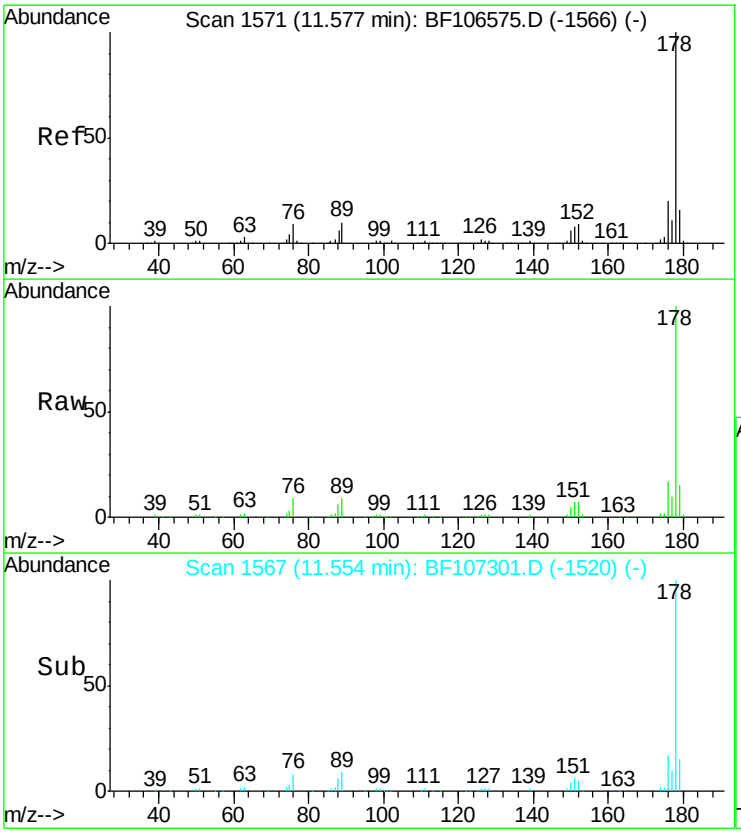
#70
Phenanthrene
Concen: 40.340 ng
RT: 11.50 min Scan# 1558
Delta R.T. -0.02 min
Lab File: BF107301.D
Acq: 11 Jul 2018 15:45

Instrument :
BNA_F
ClientSampleId :
EP-3-6

Tgt Ion:178 Resp: 295361

Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.8	23.8
179	15.9	13.0	19.6

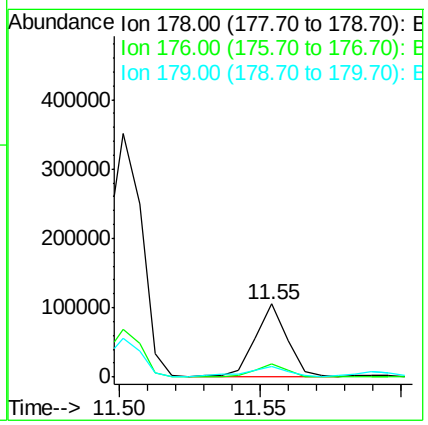


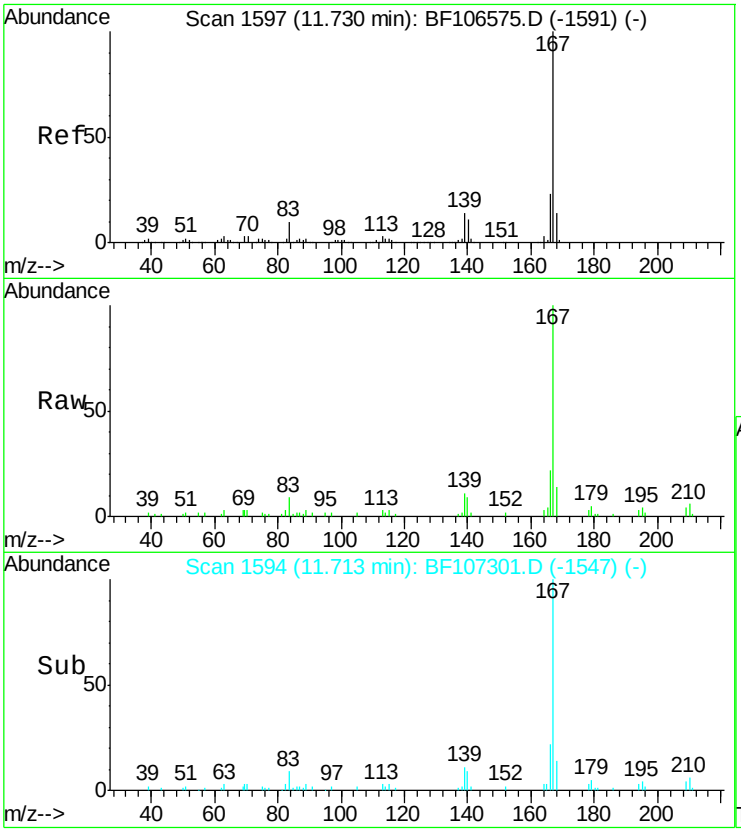


#71
Anthracene
Concen: 10.852 ng
RT: 11.55 min Scan# 1567
Delta R.T. -0.02 min
Lab File: BF107301.D
Acq: 11 Jul 2018 15:45

Tgt Ion:178 Resp: 81103

Ion	Ratio	Lower	Upper
178	100		
176	17.3	15.4	23.2
179	15.1	12.6	19.0



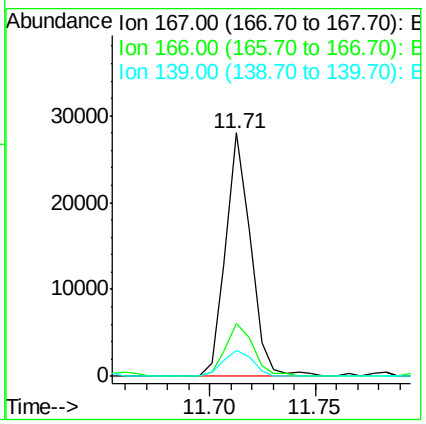


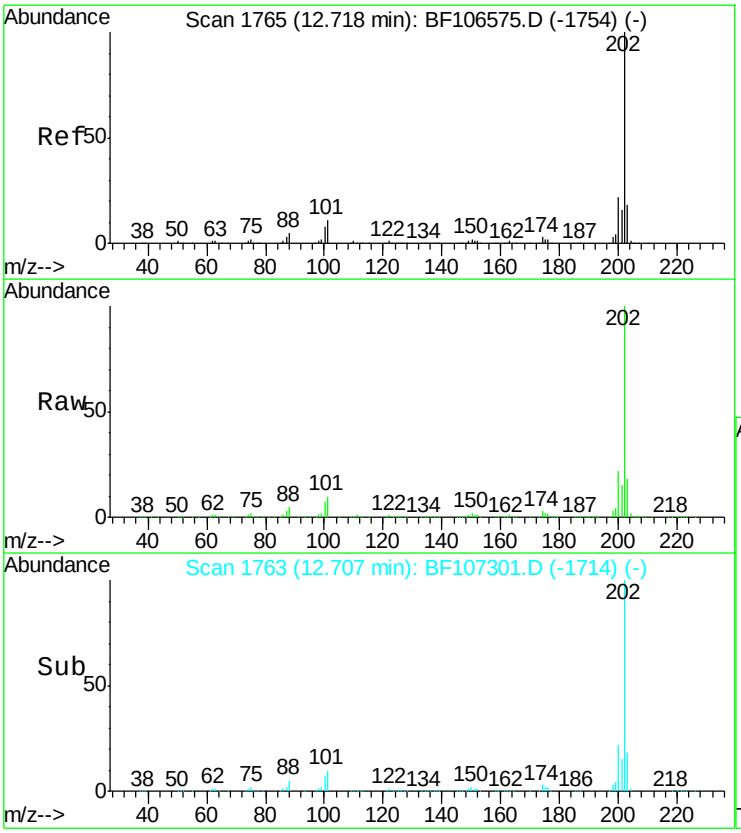
#72
Carbazole
Concen: 3.283 ng
RT: 11.71 min Scan# 1594
Delta R.T. -0.02 min
Lab File: BF107301.D
Acq: 11 Jul 2018 15:45

Instrument :
BNA_F
ClientSampleId :
EP-3-6

Tgt Ion:167 Resp: 22973

Ion	Ratio	Lower	Upper
167	100		
166	21.9	17.6	26.4
139	10.8	10.9	16.3#

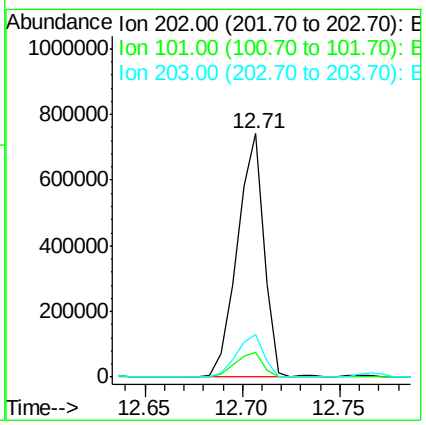


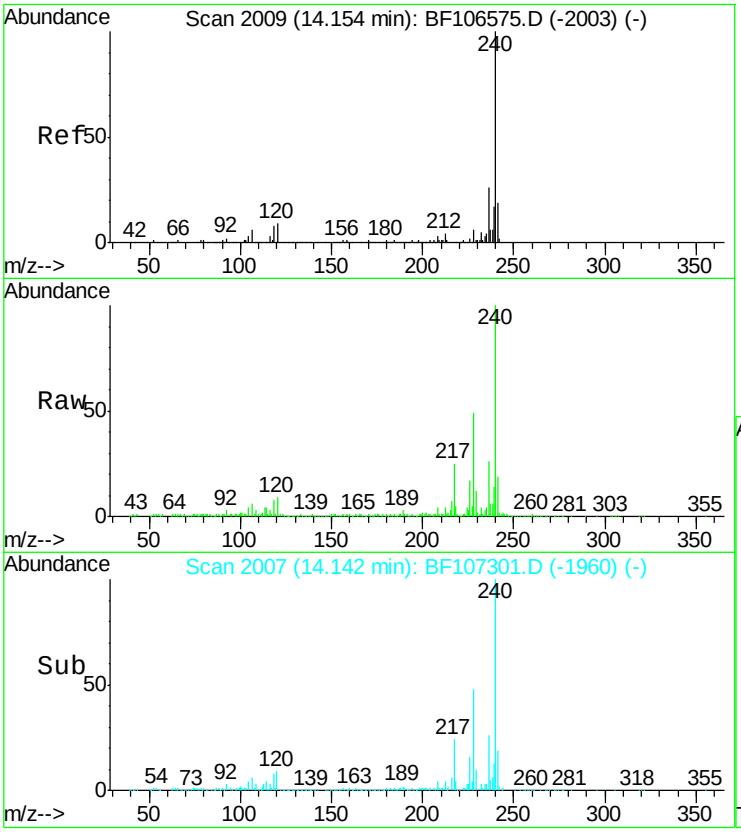


#74
Fluoranthene
Concen: 86.956 ng
RT: 12.71 min Scan# 1763
Delta R.T. -0.01 min
Lab File: BF107301.D
Acq: 11 Jul 2018 15:45

Tgt Ion:202 Resp: 701742

Ion	Ratio	Lower	Upper
202	100		
101	10.1	0.0	34.1
203	17.8	0.0	38.1



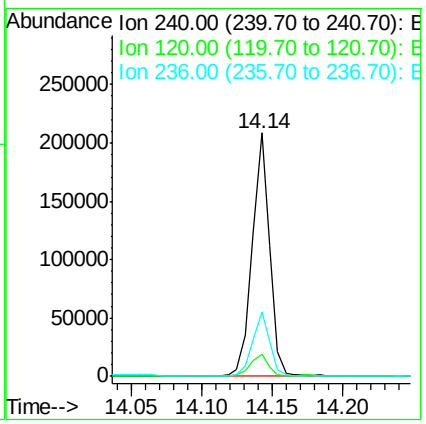


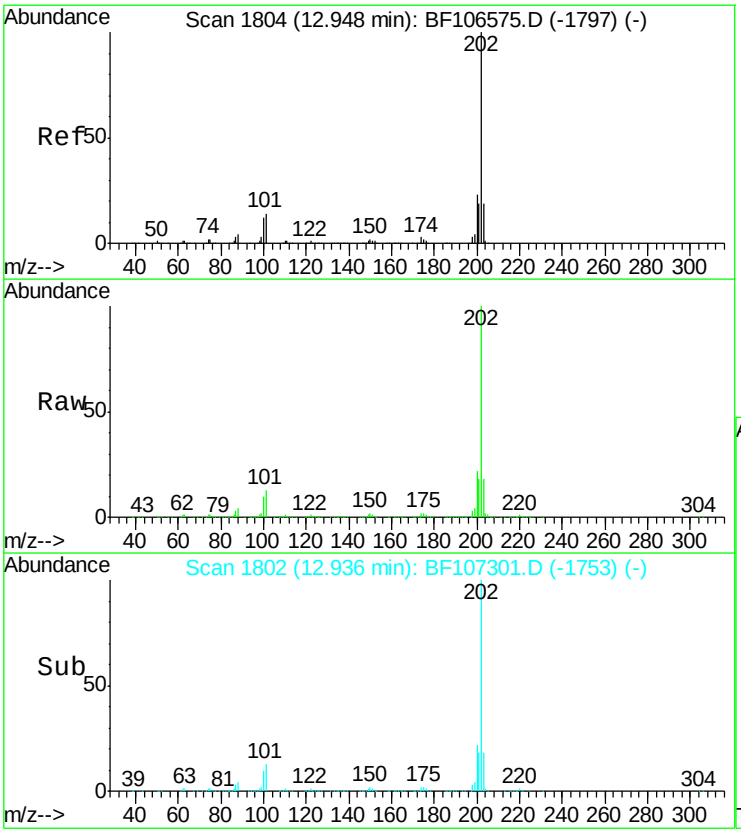
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.14 min Scan# 2007
Delta R.T. -0.02 min
Lab File: BF107301.D
Acq: 11 Jul 2018 15:45

Instrument :
BNA_F
ClientSampleId :
EP-3-6

Tgt Ion:240 Resp: 179618

Ion	Ratio	Lower	Upper
240	100		
120	9.3	9.5	14.3#
236	26.3	20.7	31.1

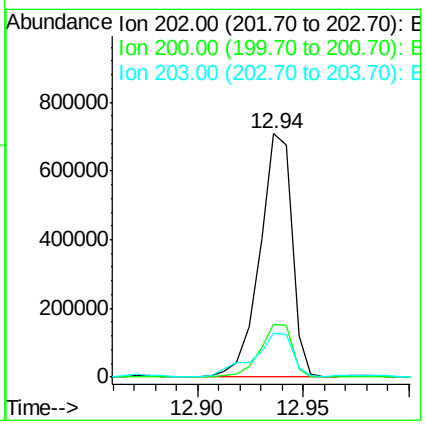


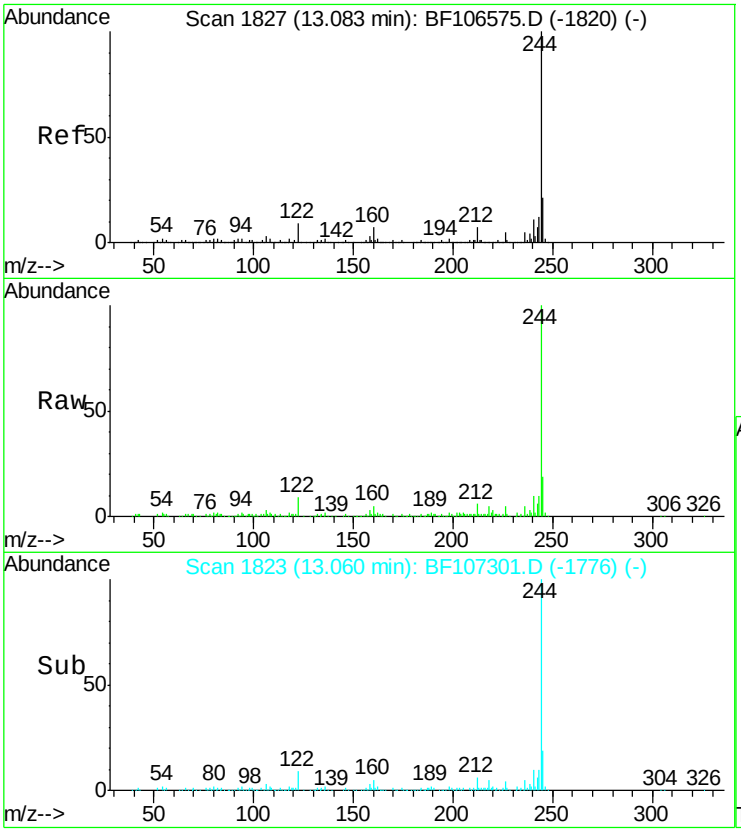


#77
Pyrene
Concen: 63.178 ng
RT: 12.94 min Scan# 1802
Delta R.T. -0.01 min
Lab File: BF107301.D
Acq: 11 Jul 2018 15:45

Tgt Ion:202 Resp: 748314

Ion	Ratio	Lower	Upper
202	100		
200	21.8	17.4	26.2
203	18.1	14.3	21.5



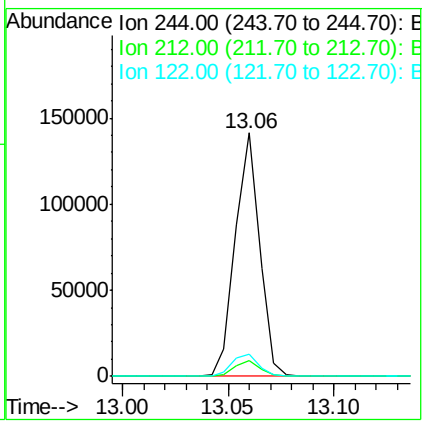


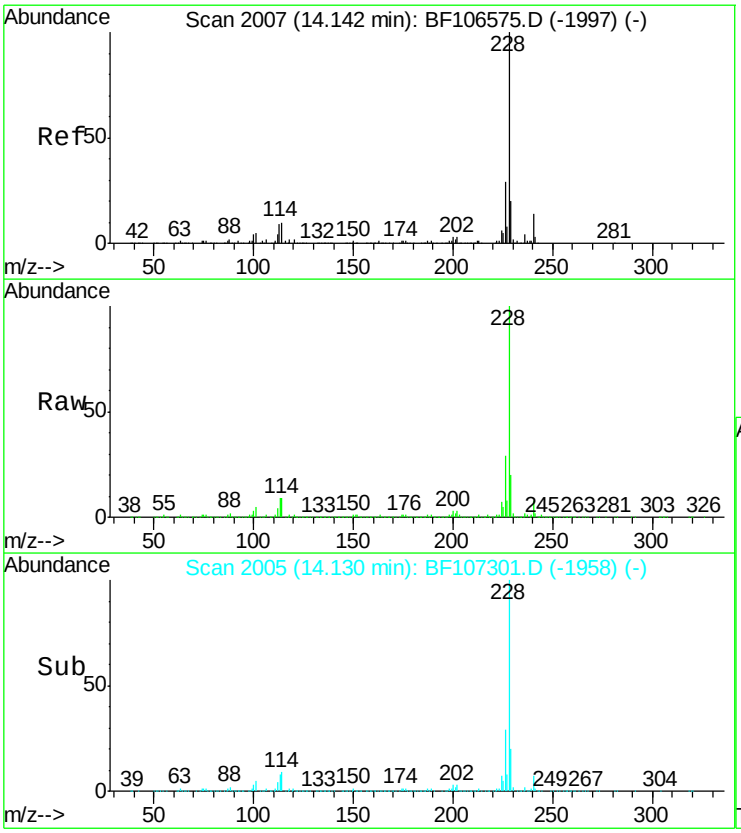
#78
Terphenyl-d14
Concen: 15.154 ng
RT: 13.06 min Scan# 1823
Delta R.T. -0.02 min
Lab File: BF107301.D
Acq: 11 Jul 2018 15:45

Instrument :
BNA_F
ClientSampleId :
EP-3-6

Tgt Ion:244 Resp: 112369

Ion	Ratio	Lower	Upper
244	100		
212	6.3	5.4	8.0
122	9.0	11.0	16.4#

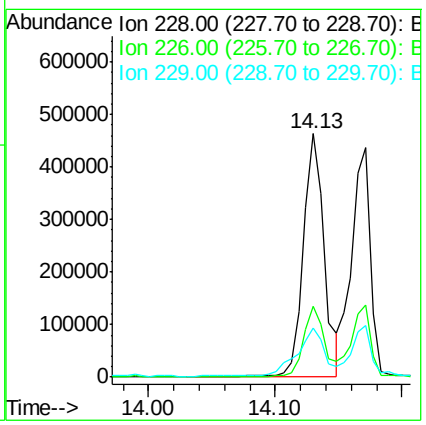


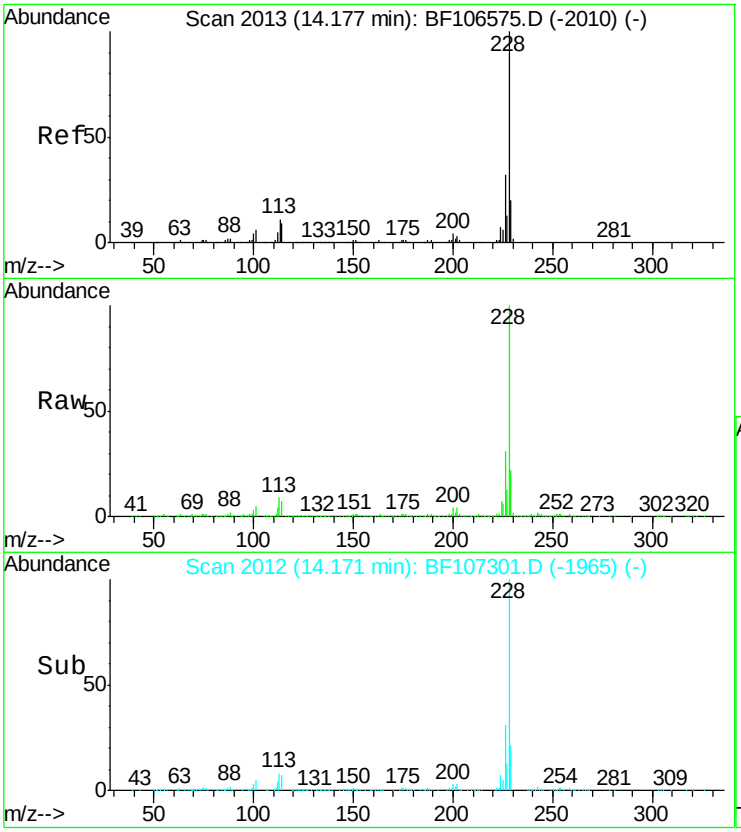


#80
Benzo(a)anthracene
Concen: 48.105 ng
RT: 14.13 min Scan# 2005
Delta R.T. -0.02 min
Lab File: BF107301.D
Acq: 11 Jul 2018 15:45

Tgt Ion:228 Resp: 526618

Ion	Ratio	Lower	Upper
228	100		
226	28.8	22.6	33.8
229	20.4	15.8	23.6



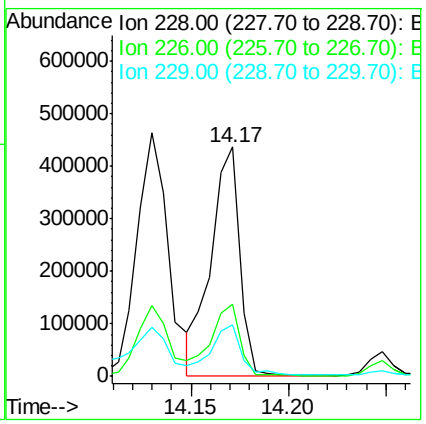


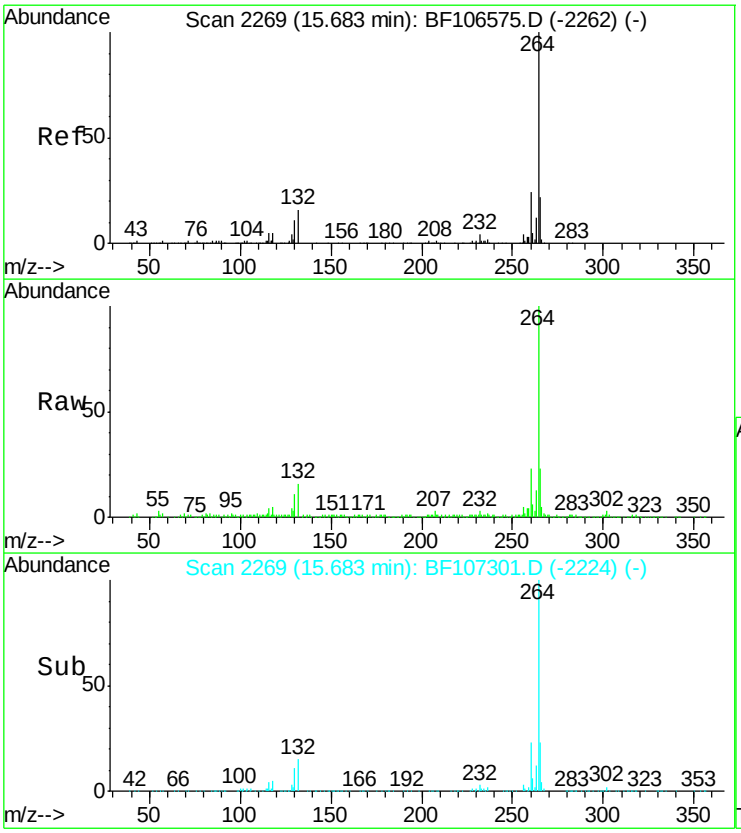
#82
Chrysene
Concen: 44.575 ng
RT: 14.17 min Scan# 2012
Delta R.T. -0.02 min
Lab File: BF107301.D
Acq: 11 Jul 2018 15:45

Instrument :
BNA_F
ClientSampleId :
EP-3-6

Tgt Ion:228 Resp: 448935

Ion	Ratio	Lower	Upper
228	100		
226	31.2	25.0	37.6
229	22.3	16.2	24.4

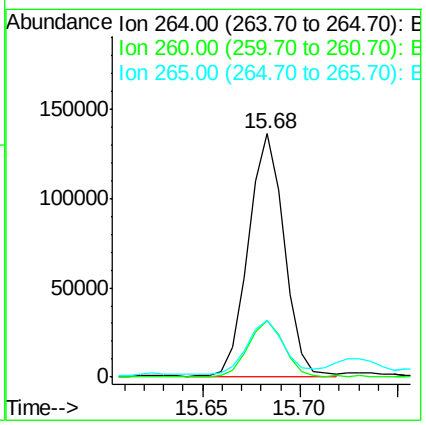


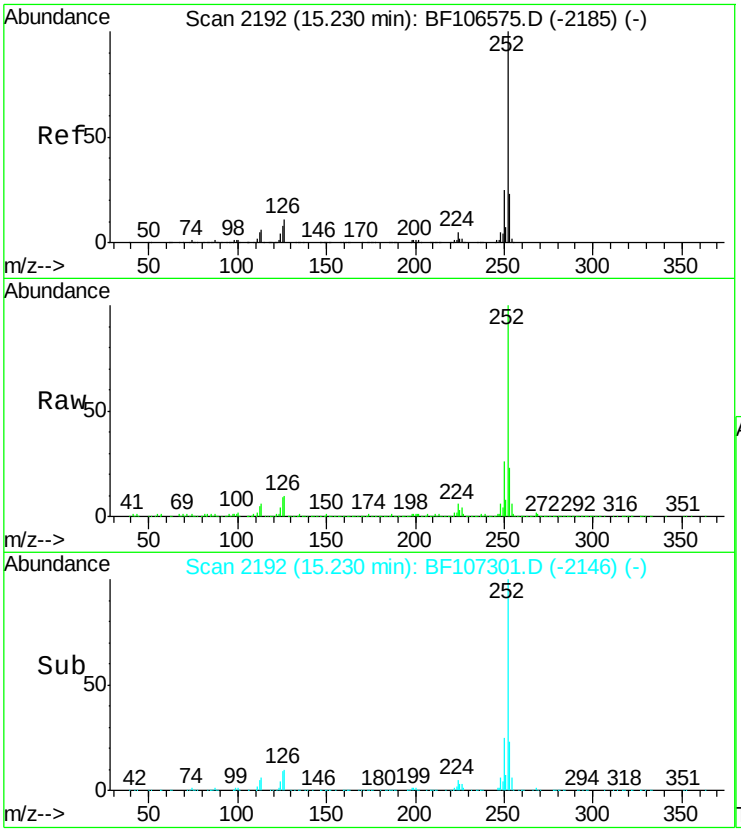


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.68 min Scan# 2269
Delta R.T. -0.04 min
Lab File: BF107301.D
Acq: 11 Jul 2018 15:45

Tgt Ion:264 Resp: 172211

Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.2	28.8
265	23.3	17.5	26.3



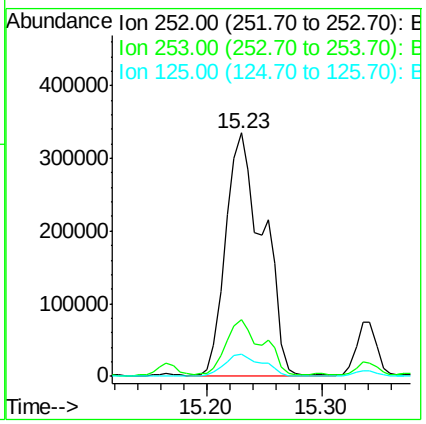


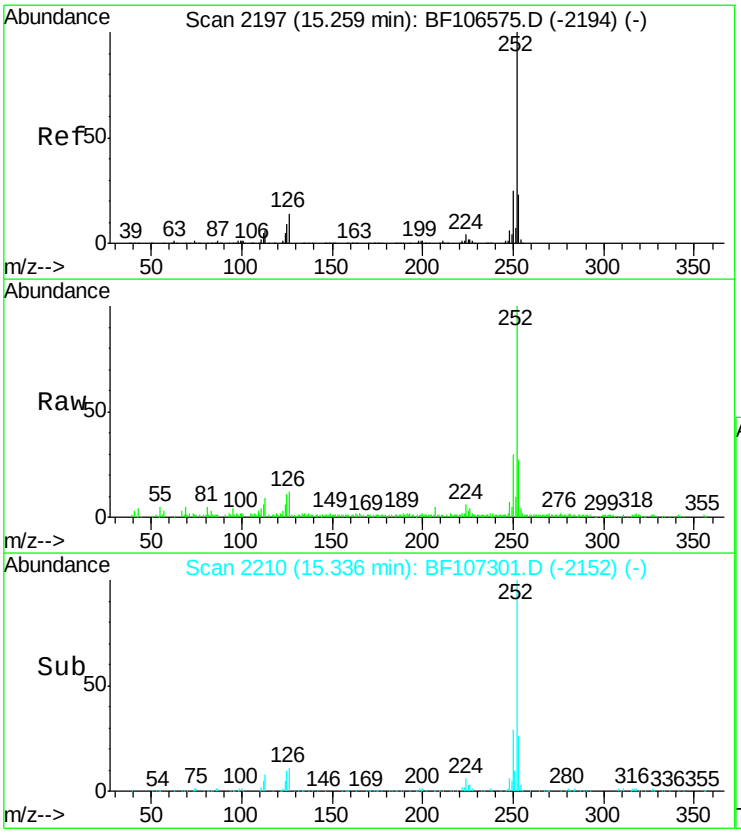
#87
Benzo(b)fluoranthene
Concen: 70.042 ng
RT: 15.23 min Scan# 2192
Delta R.T. -0.03 min
Lab File: BF107301.D
Acq: 11 Jul 2018 15:45

Instrument :
BNA_F
ClientSampleId :
EP-3-6

Tgt Ion:252 Resp: 749280

Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.0	25.6
125	9.3	9.0	13.6

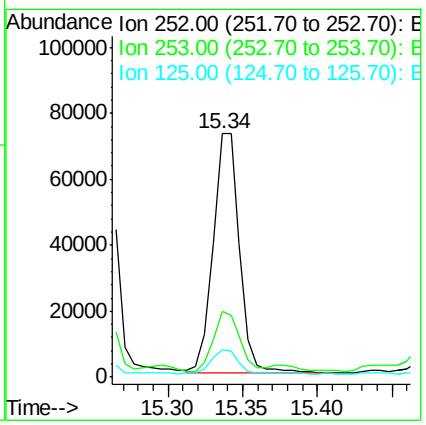


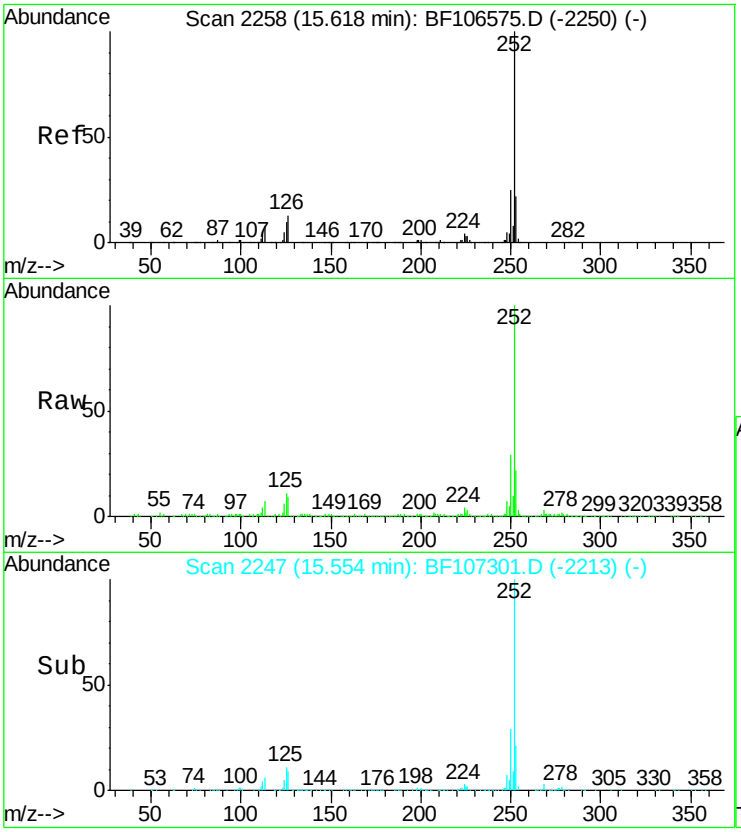


#88
Benzo(k)fluoranthene
Concen: 8.803 ng
RT: 15.34 min Scan# 2210
Delta R.T. 0.04 min
Lab File: BF107301.D
Acq: 11 Jul 2018 15:45

Tgt Ion:252 Resp: 89684

Ion	Ratio	Lower	Upper
252	100		
253	26.8	17.9	26.9
125	11.3	10.2	15.2



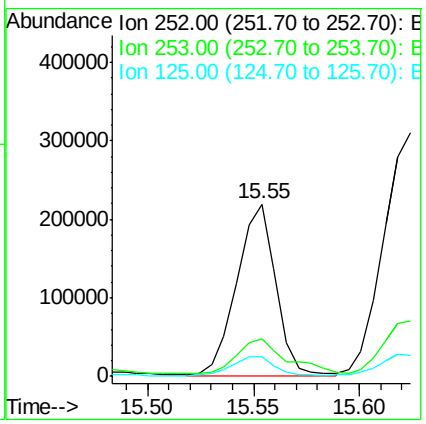


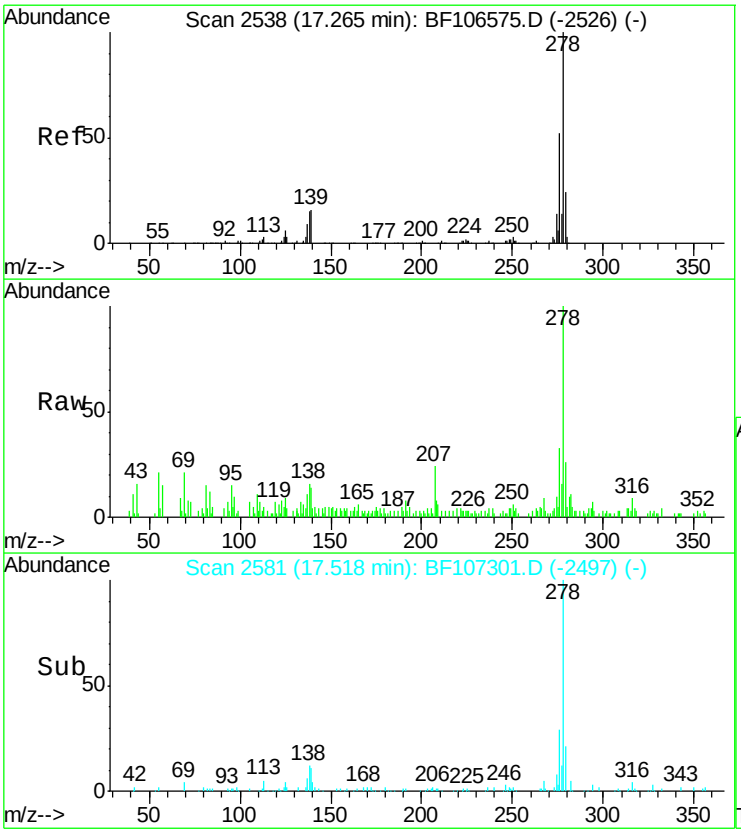
#89
Benzo(a)pyrene
Concen: 29.217 ng
RT: 15.55 min Scan# 2247
Delta R.T. -0.10 min
Lab File: BF107301.D
Acq: 11 Jul 2018 15:45

Instrument :
BNA_F
ClientSampleId :
EP-3-6

Tgt Ion:252 Resp: 277851

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.1	25.7
125	11.1	9.8	14.6

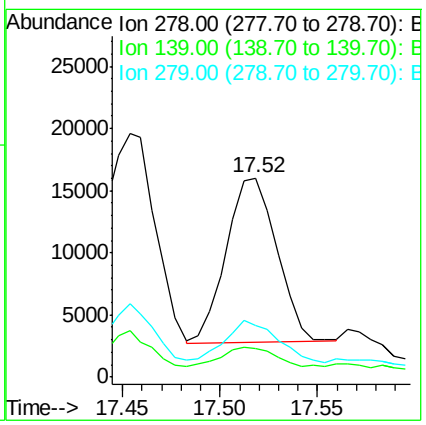


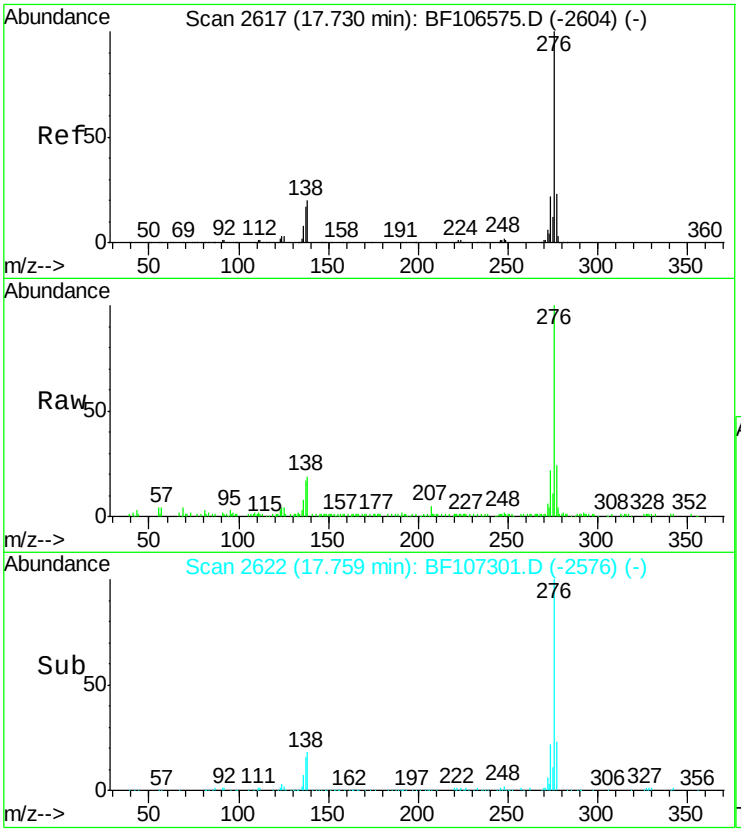


#90
Dibenzo(a,h)anthracene
Concen: 2.952 ng
RT: 17.52 min Scan# 2581
Delta R.T. 0.19 min
Lab File: BF107301.D
Acq: 11 Jul 2018 15:45

Tgt Ion:278 Resp: 23790

Ion	Ratio	Lower	Upper
278	100		
139	18.3	15.9	23.9
279	25.8	19.0	28.4





#91
Benzo(g,h,i)perylene
Concen: 21.191 ng
RT: 17.76 min Scan# 2622
Delta R.T. -0.03 min
Lab File: BF107301.D
Acq: 11 Jul 2018 15:45

Instrument :
BNA_F
ClientSampleId :
EP-3-6

Tgt Ion:276 Resp: 166938

Ion	Ratio	Lower	Upper
276	100		
277	24.2	17.9	26.9
138	18.6	21.8	32.8#