Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110718\
Data File : BF110570.D
Acq On : 7 Nov 2018 21:55
Operator : JU/SJ
Sample : J5813-11
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Nov 08 16:23:35 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF102318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 01 16:06:12 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	60157	20.00	ng		0.00
21) Naphthalene-d8	8.23	136	217602	20.00	ng		0.00
39) Acenaphthene-d10	9.99	164	88549	20.00	ng		0.00
64) Phenanthrene-d10	11.49	188	166230	20.00	ng		0.00
76) Chrysene-d12	14.14	240	151952	20.00	ng		0.00
87) Perylene-d12	15.67	264	100465	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.57	112	379524	102.74	ng		0.00
7) Phenol-d6	6.57	99	459757	97.30	ng		0.00
23) Nitrobenzene-d5	7.52	82	272676	74.33	ng		0.00
42) 2,4,6-Tribromophenol	10.79	330	85592	97.58	ng		0.00
45) 2-Fluorobiphenyl	9.31	172	405035	71.83	ng		0.00
79) Terphenyl-d14	13.07	244	393357	53.84	ng		0.00
Target Compounds							Qvalue
10) Phenol	6.59	94	28872	5.716	ng	#	70
19) n-Nitroso-di-n-propylamine	7.52	70	35860	11.830	ng	#	78
25) Isophorone	7.52	82	272676	43.602	ng	#	67
50) Dimethylphthalate	9.70	163	74037	11.327	ng		99
57) 2,4-Dinitrotoluene	9.99	165	11151	6.235	ng	#	17
67) 4-Bromophenyl-phenylether	10.79	248	5190	2.878	ng	#	1
71) Phenanthrene	11.52	178	48619	5.590	ng		99
72) Anthracene	11.52	178	48619	5.577	ng		99
75) Fluoranthene	12.70	202	108960	12.343	ng		100
78) Pyrene	12.94	202	86243	7.917	ng		96
81) Benzo(a)anthracene	14.13	228	38421	4.264	ng		97
83) Chrysene	14.16	228	39666	4.635	ng		97
86) Indeno(1,2,3-cd)pyrene	17.24	276	15195	2.140	ng	#	83
88) Benzo(b)fluoranthene	15.22	252	55092	9.496	ng	#	89
89) Benzo(k)fluoranthene	15.22	252	55092	9.659	ng	#	88
90) Benzo(a)pyrene	15.60	252	24857	4.656	ng	#	92
92) Benzo(g,h,i)perylene	17.73	276	14963	3.297	ng	#	91

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

Quantitation Report (Not Reviewed)

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Acq On : 7 Nov 2018 21:55
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Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Nov 08 16:23:35 2018
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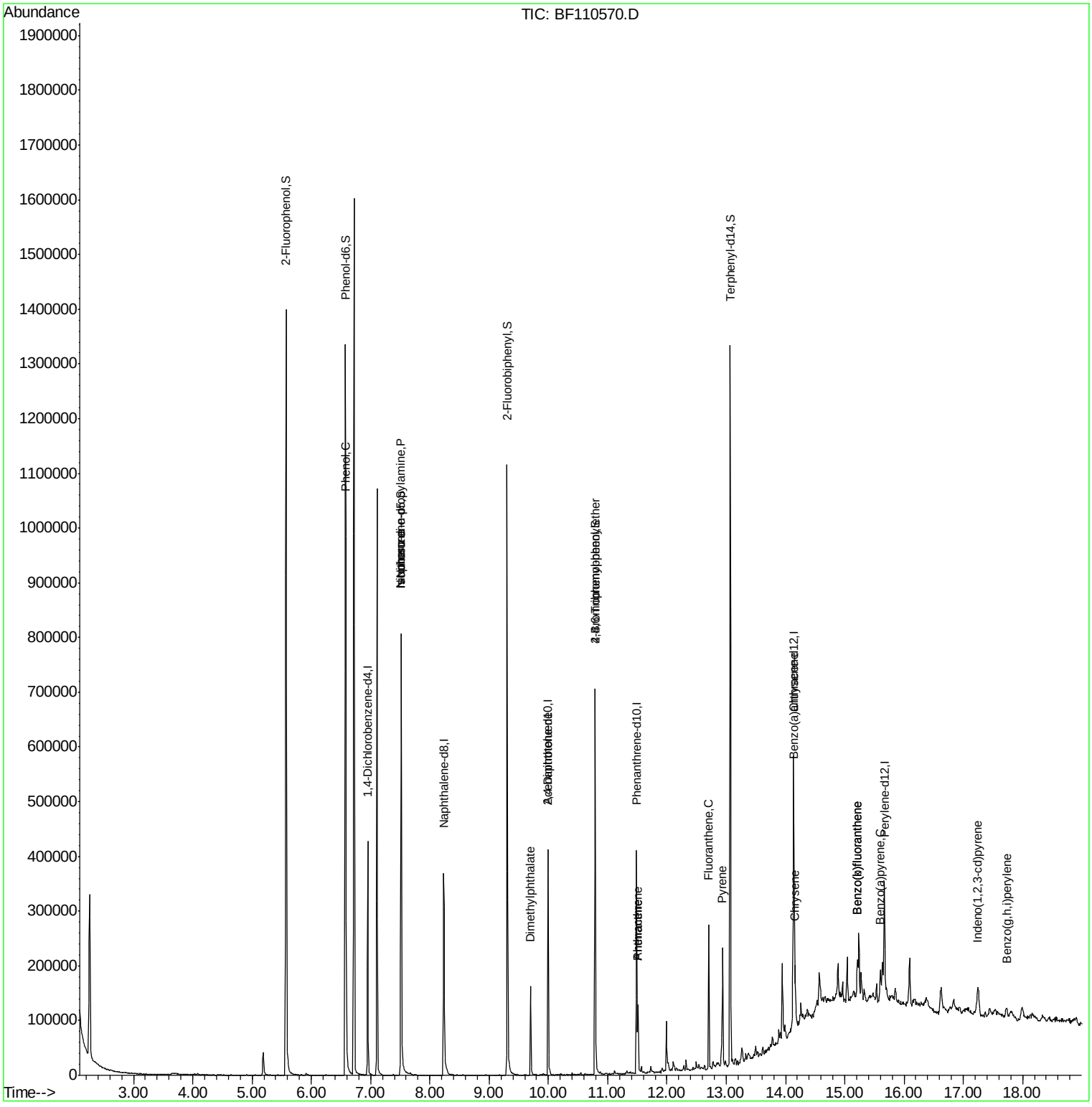
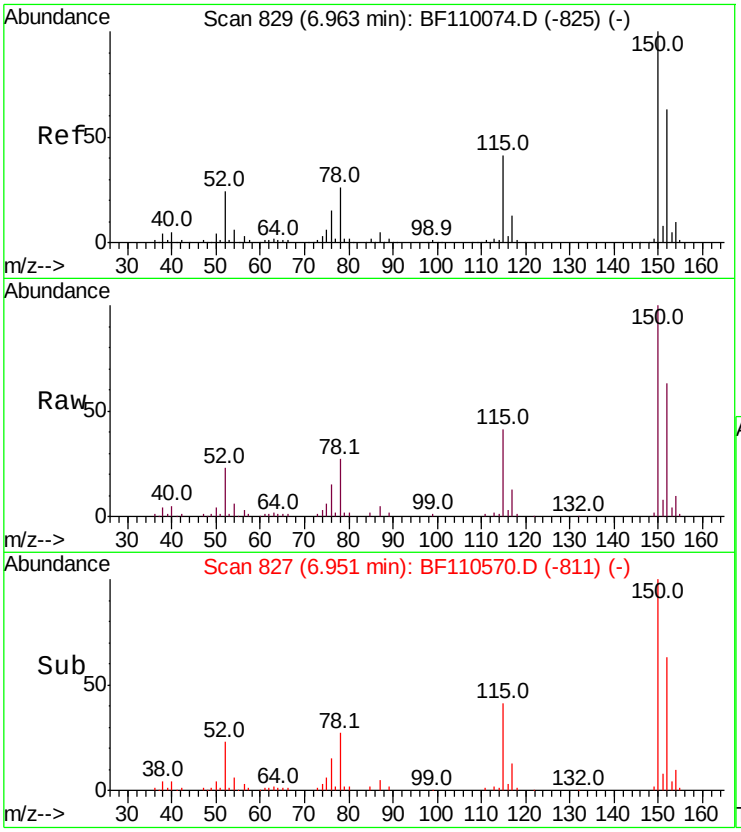
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 01 16:06:12 2018
Response via : Initial Calibration



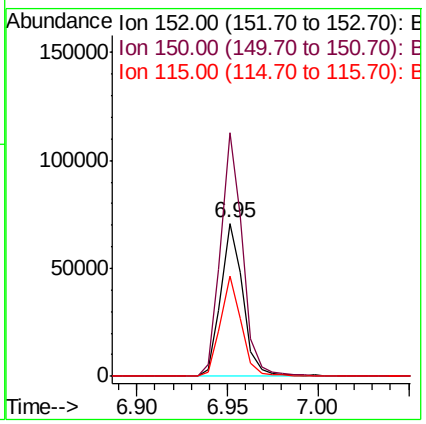


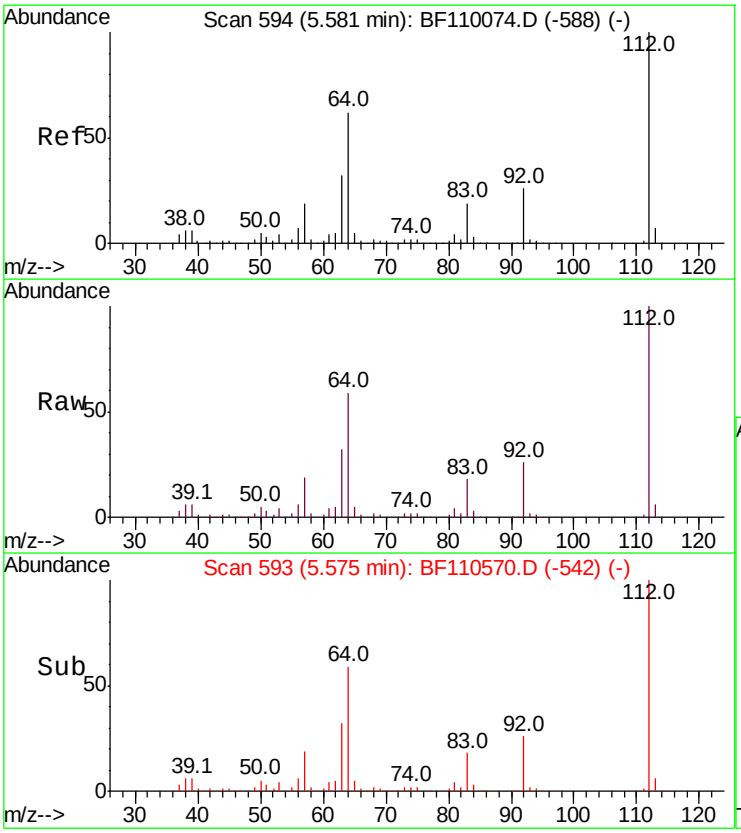
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 827
Delta R.T. -0.01 min
Lab File: BF110570.D
Acq: 7 Nov 2018 21:55

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 60157

Ion	Ratio	Lower	Upper
152	100		
150	159.1	122.7	184.1
115	65.8	49.1	73.7

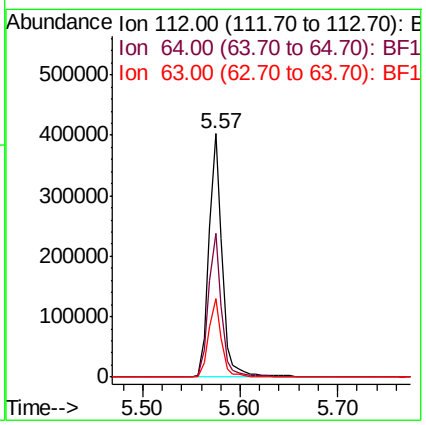


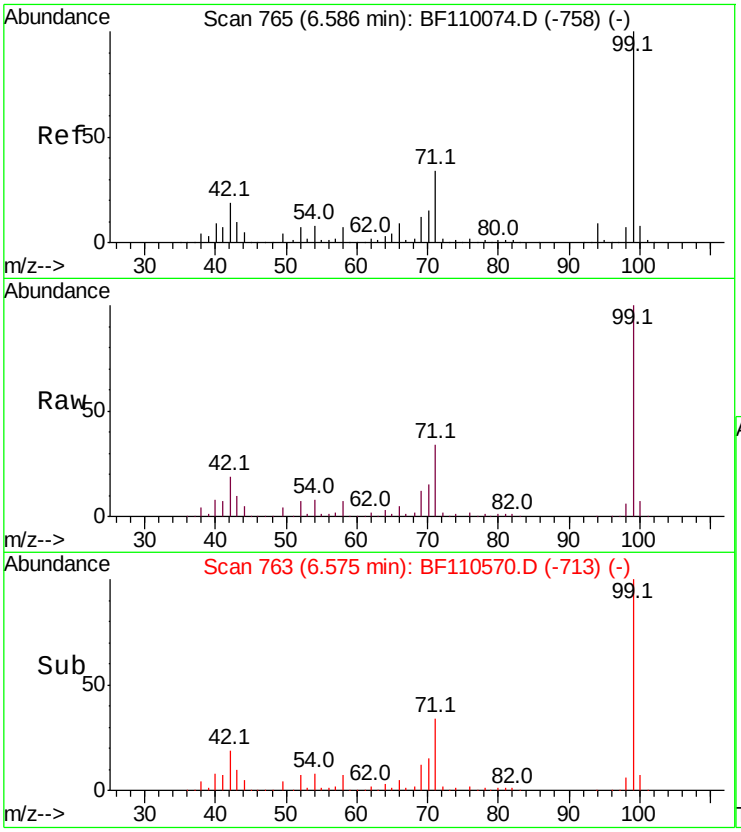


#5
2-Fluorophenol
Concen: 102.737 ng
RT: 5.57 min Scan# 593
Delta R.T. -0.00 min
Lab File: BF110570.D
Acq: 7 Nov 2018 21:55

Tgt Ion:112 Resp: 379524

Ion	Ratio	Lower	Upper
112	100		
64	59.1	44.1	66.1
63	32.0	23.7	35.5



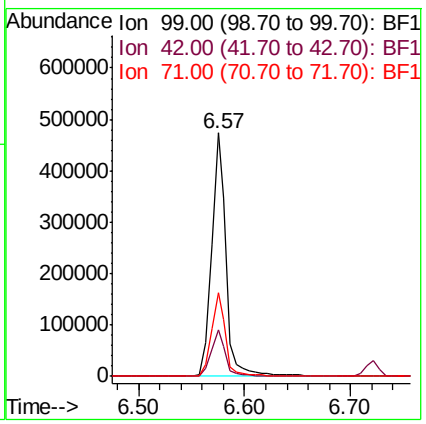


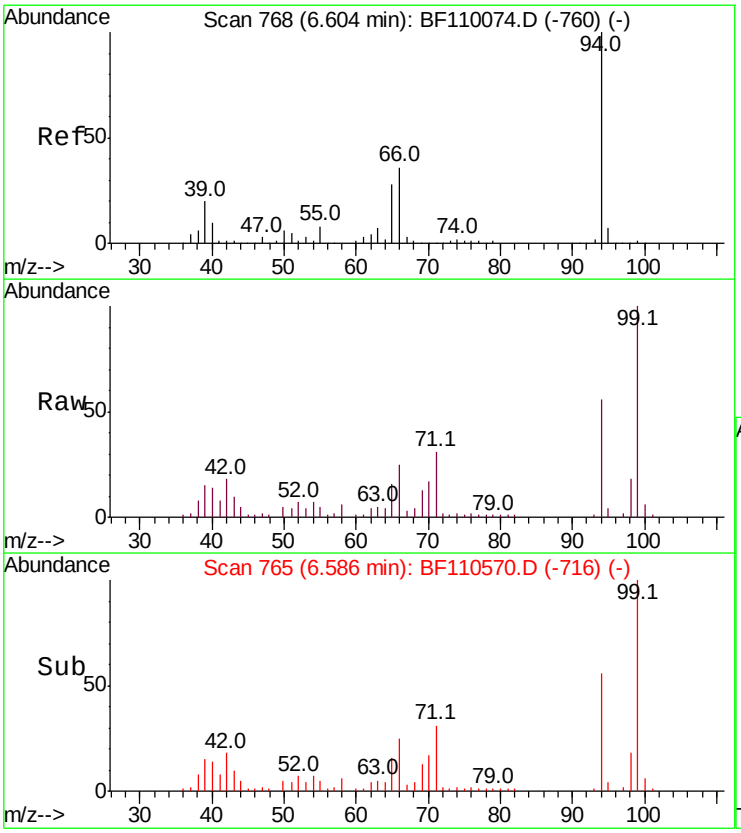
#7
Phenol-d6
Concen: 97.302 ng
RT: 6.57 min Scan# 763
Delta R.T. -0.01 min
Lab File: BF110570.D
Acq: 7 Nov 2018 21:55

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 459757

Ion	Ratio	Lower	Upper
99	100		
42	19.3	15.8	23.6
71	34.5	28.0	42.0

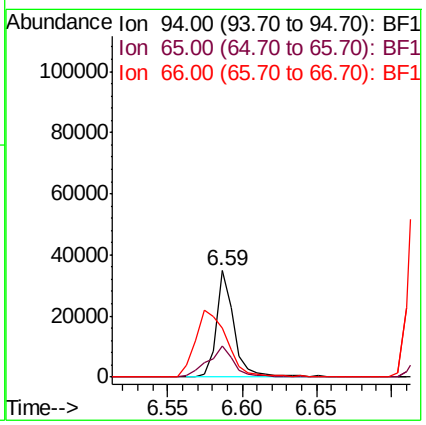


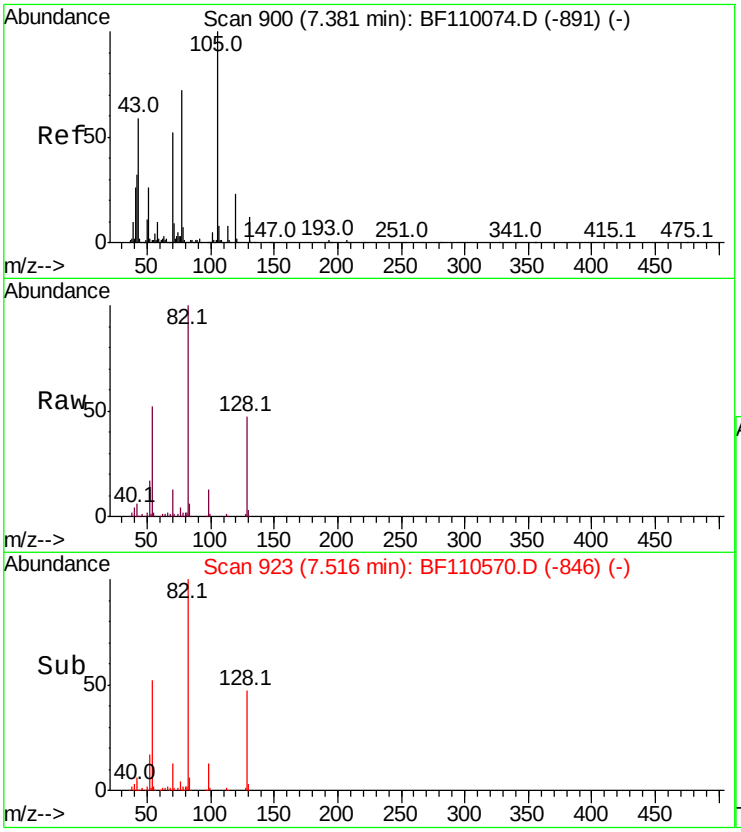


#10
Phenol
Concen: 5.716 ng
RT: 6.59 min Scan# 765
Delta R.T. -0.01 min
Lab File: BF110570.D
Acq: 7 Nov 2018 21:55

Tgt Ion: 94 Resp: 28872

Ion	Ratio	Lower	Upper
94	100		
65	29.4	25.3	65.3
66	45.6	54.5	94.5#



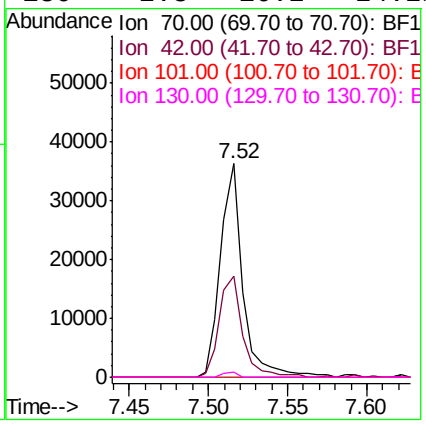


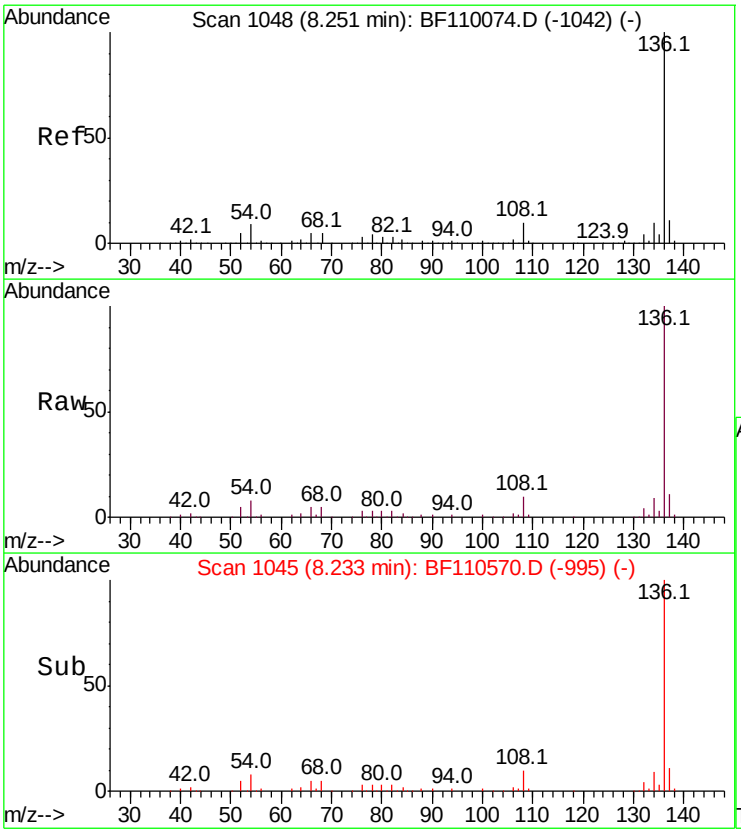
#19
n-Nitroso-di-n-propylamine
Concen: 11.830 ng
RT: 7.52 min Scan# 923
Delta R.T. 0.15 min
Lab File: BF110570.D
Acq: 7 Nov 2018 21:55

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 35860

Ion	Ratio	Lower	Upper
70	100		
42	47.2	47.4	71.2#
101	0.0	7.3	10.9#
130	2.3	16.2	24.2#

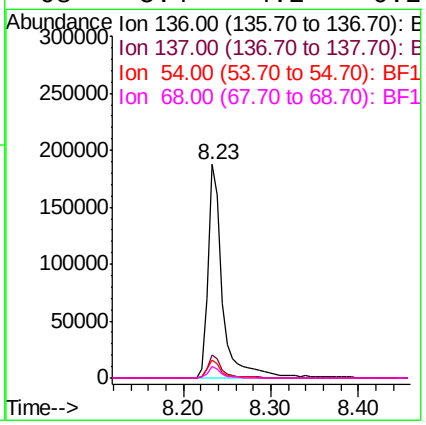


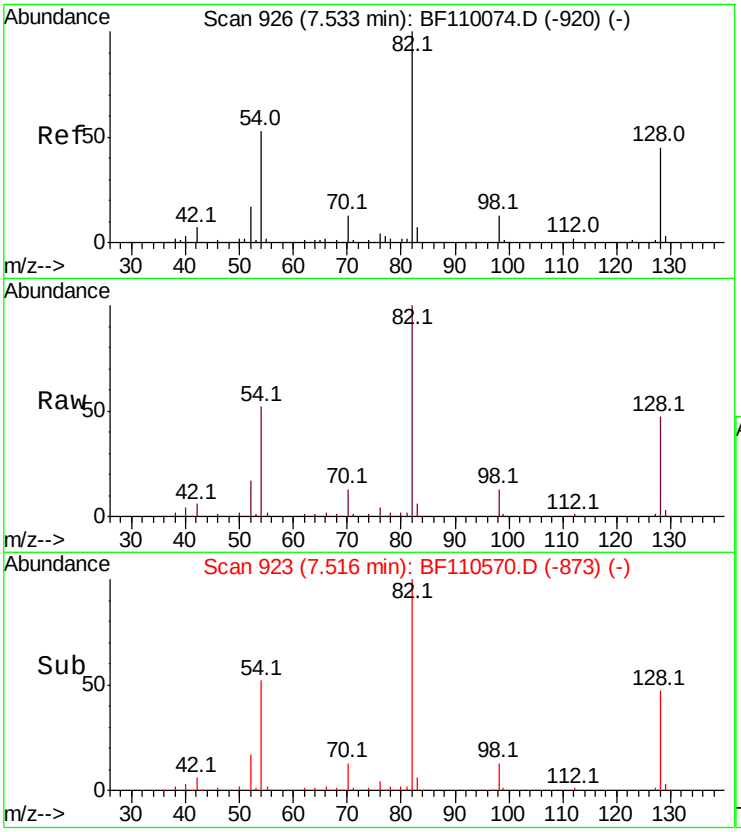


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.23 min Scan# 1045
Delta R.T. -0.01 min
Lab File: BF110570.D
Acq: 7 Nov 2018 21:55

Tgt Ion:136 Resp: 217602

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.8	13.2
54	8.4	5.4	8.2#
68	5.4	4.2	6.2



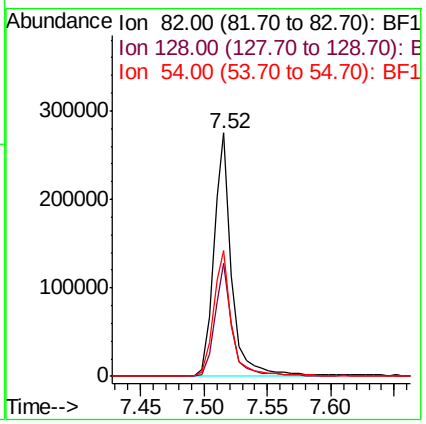


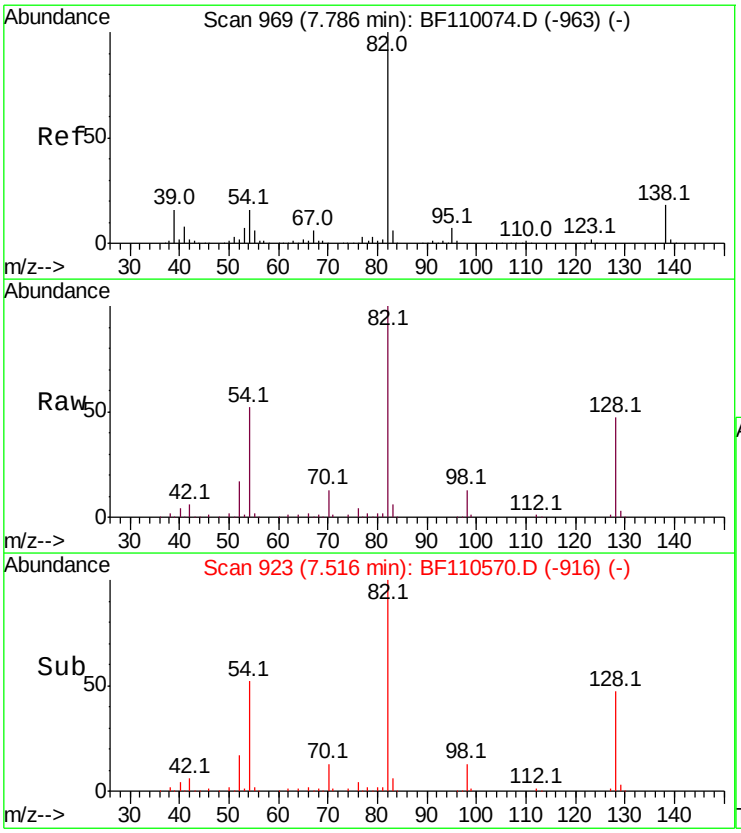
#23
Nitrobenzene-d5
Concen: 74.325 ng
RT: 7.52 min Scan# 923
Delta R.T. -0.01 min
Lab File: BF110570.D
Acq: 7 Nov 2018 21:55

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 272676

Ion	Ratio	Lower	Upper
82	100		
128	46.6	34.2	51.2
54	51.9	38.6	58.0

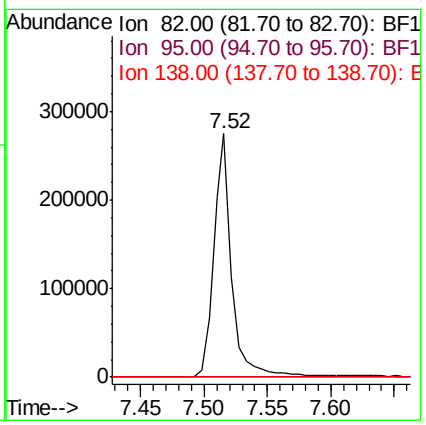


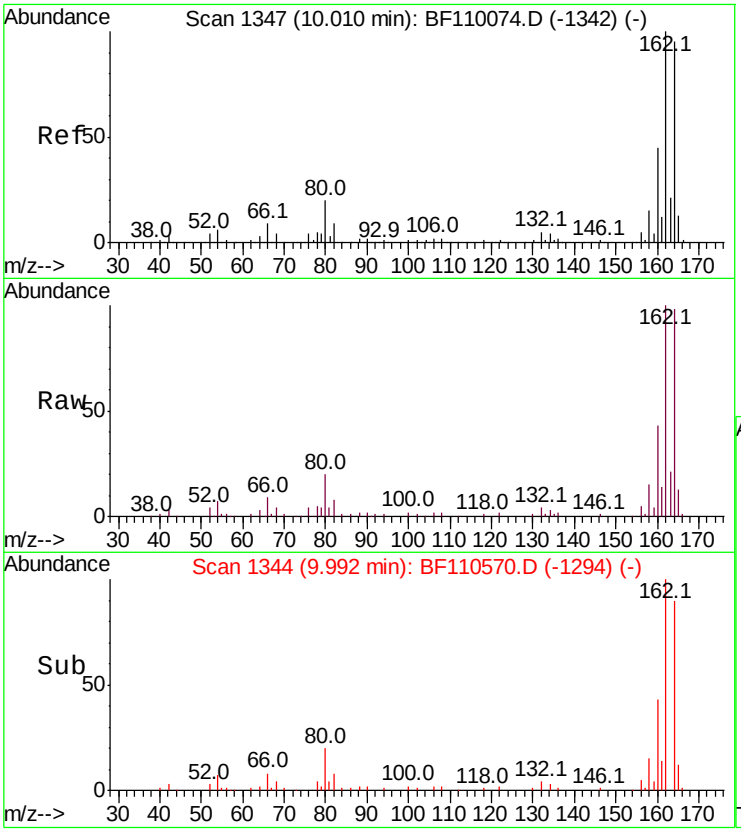


#25
Isophorone
Concen: 43.602 ng
RT: 7.52 min Scan# 923
Delta R.T. -0.26 min
Lab File: BF110570.D
Acq: 7 Nov 2018 21:55

Tgt Ion: 82 Resp: 272676

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.7	8.5#
138	0.0	13.2	19.8#



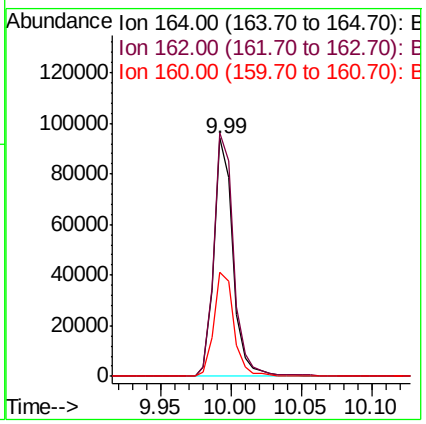


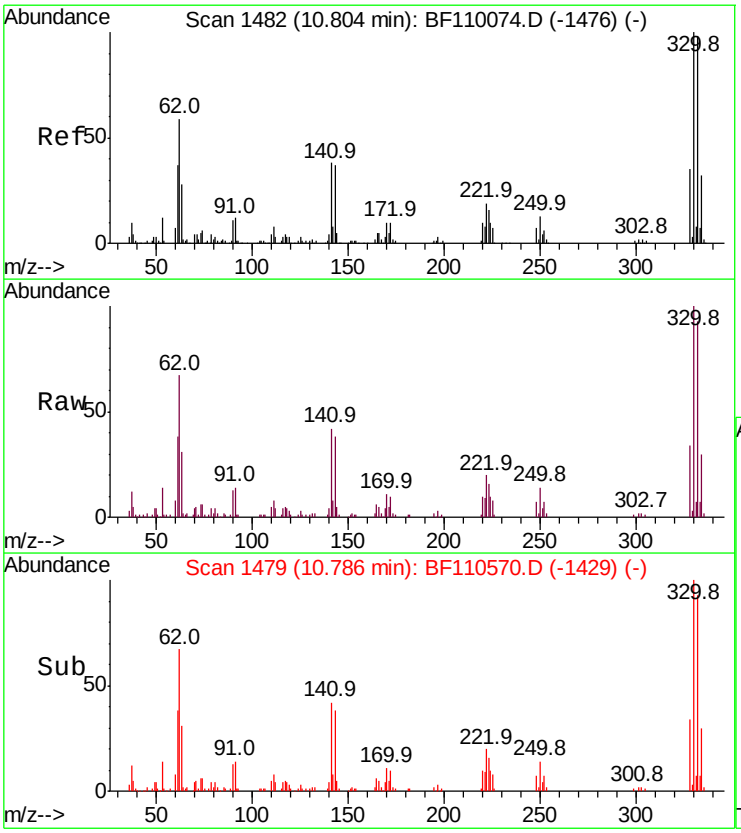
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.99 min Scan# 1344
Delta R.T. -0.01 min
Lab File: BF110570.D
Acq: 7 Nov 2018 21:55

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 88549

Ion	Ratio	Lower	Upper
164	100		
162	102.2	83.0	124.6
160	43.9	37.0	55.6

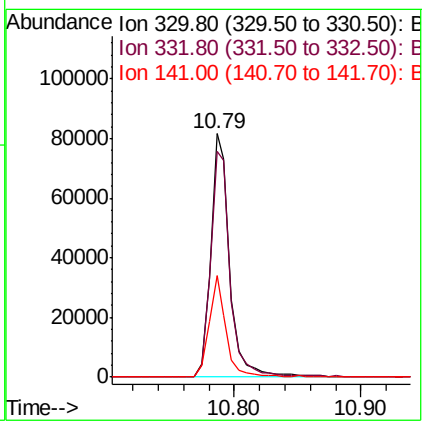


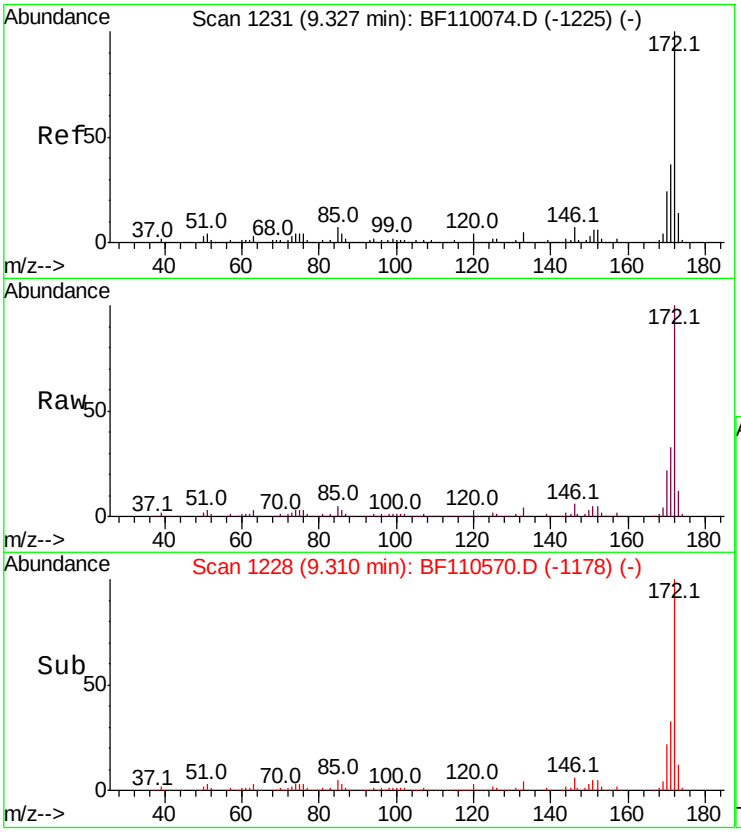


#42
2,4,6-Tribromophenol
Concen: 97.581 ng
RT: 10.79 min Scan# 1479
Delta R.T. -0.01 min
Lab File: BF110570.D
Acq: 7 Nov 2018 21:55

Tgt Ion:330 Resp: 85592

Ion	Ratio	Lower	Upper
330	100		
332	96.5	77.1	115.7
141	37.3	27.0	40.4



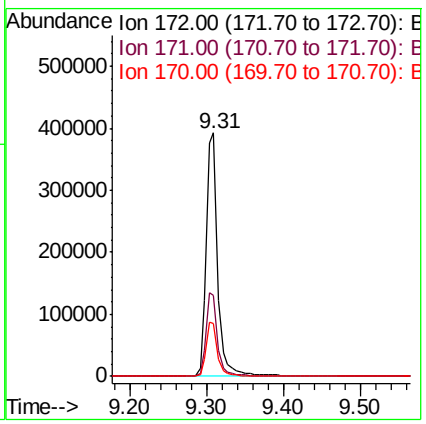


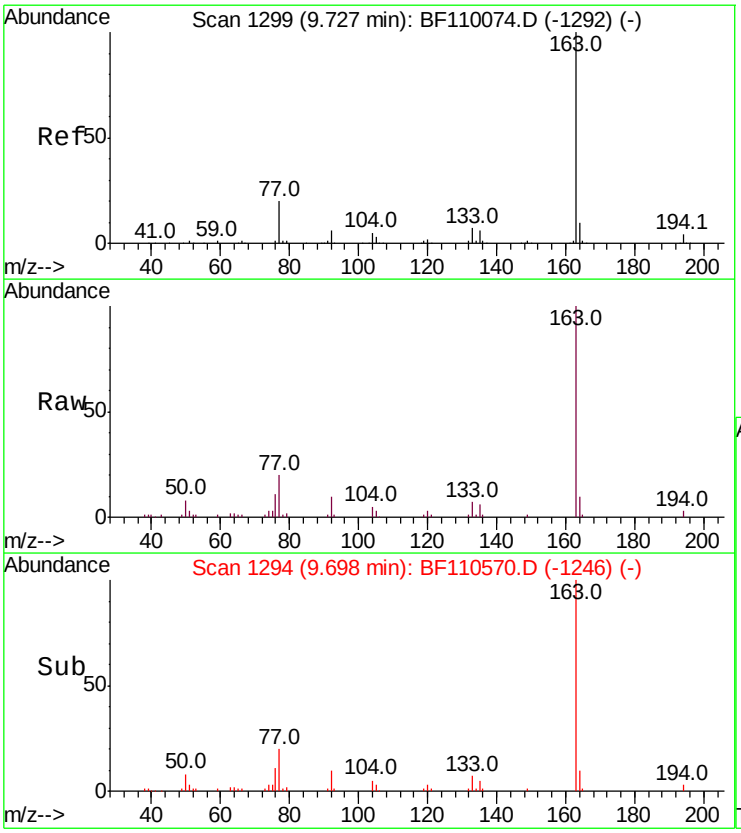
#45
2-Fluorobiphenyl
Concen: 71.826 ng
RT: 9.31 min Scan# 1228
Delta R.T. -0.01 min
Lab File: BF110570.D
Acq: 7 Nov 2018 21:55

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 405035

Ion	Ratio	Lower	Upper
172	100		
171	33.2	28.6	43.0
170	21.7	19.7	29.5

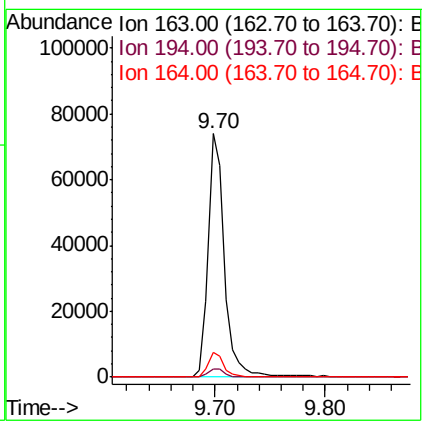


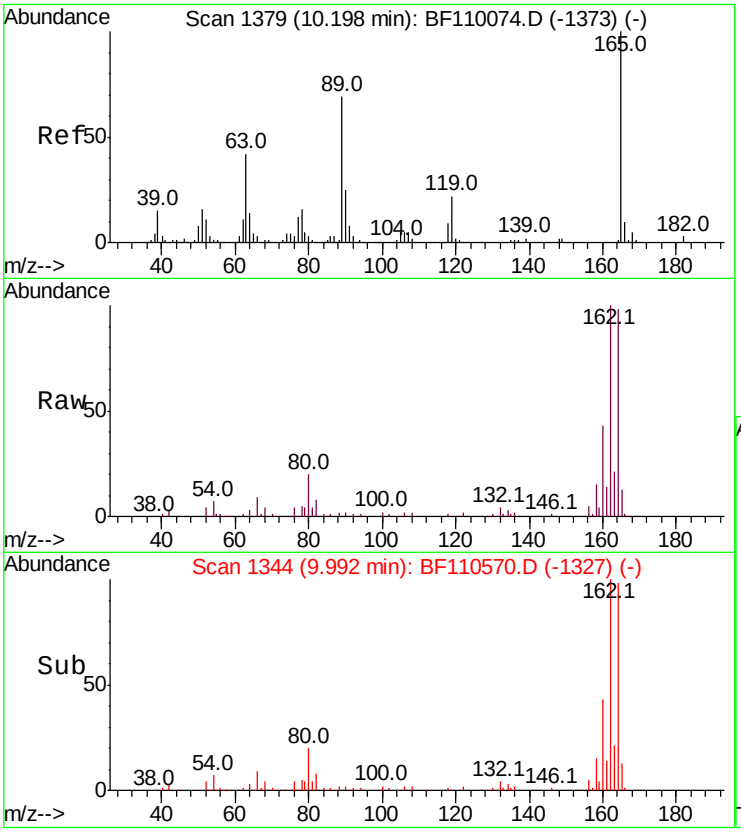


#50
Dimethylphthalate
Concen: 11.327 ng
RT: 9.70 min Scan# 1294
Delta R.T. -0.02 min
Lab File: BF110570.D
Acq: 7 Nov 2018 21:55

Tgt Ion:163 Resp: 74037

Ion	Ratio	Lower	Upper
163	100		
194	3.4	3.2	4.8
164	10.1	8.1	12.1



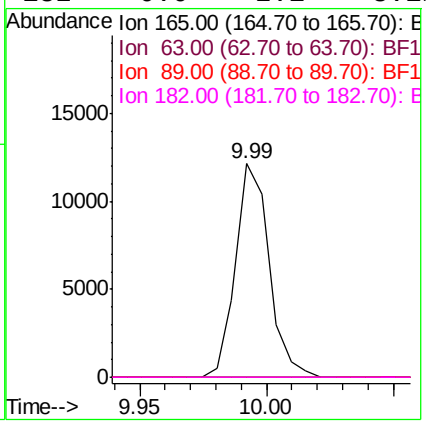


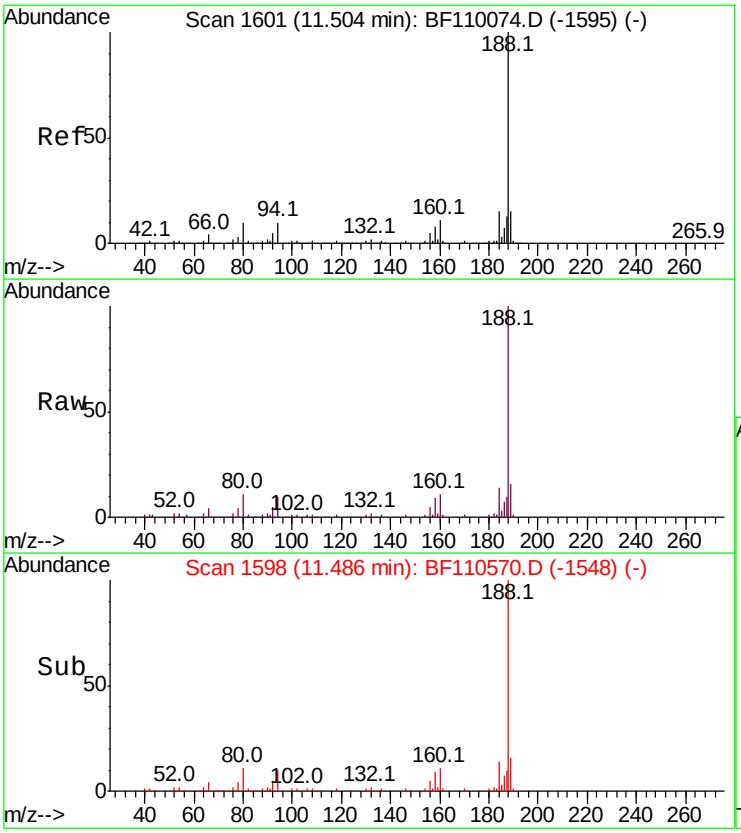
#57
2,4-Dinitrotoluene
Concen: 6.235 ng
RT: 9.99 min Scan# 1344
Delta R.T. -0.20 min
Lab File: BF110570.D
Acq: 7 Nov 2018 21:55

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 11151

Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.8	67.2#
89	0.0	62.2	93.4#
182	0.0	2.1	3.1#

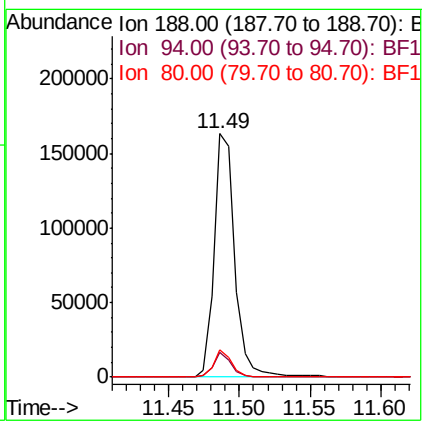


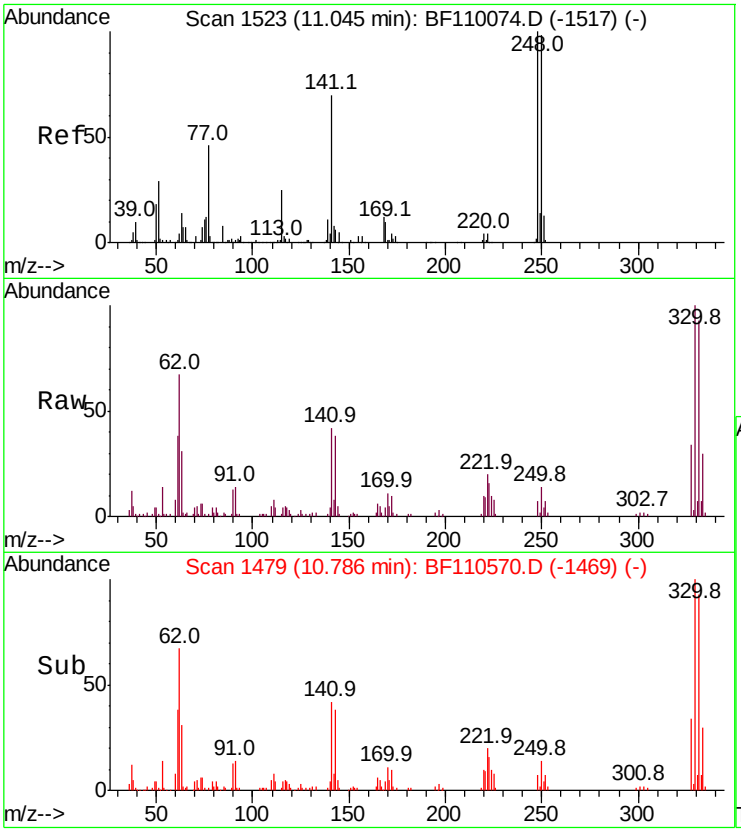


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.49 min Scan# 1598
Delta R.T. -0.01 min
Lab File: BF110570.D
Acq: 7 Nov 2018 21:55

Tgt Ion:188 Resp: 166230

Ion	Ratio	Lower	Upper
188	100		
94	9.9	7.2	10.8
80	11.2	7.9	11.9



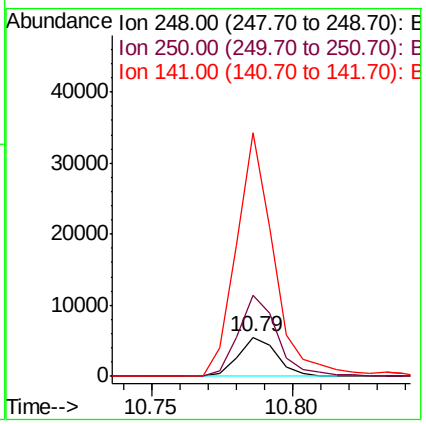


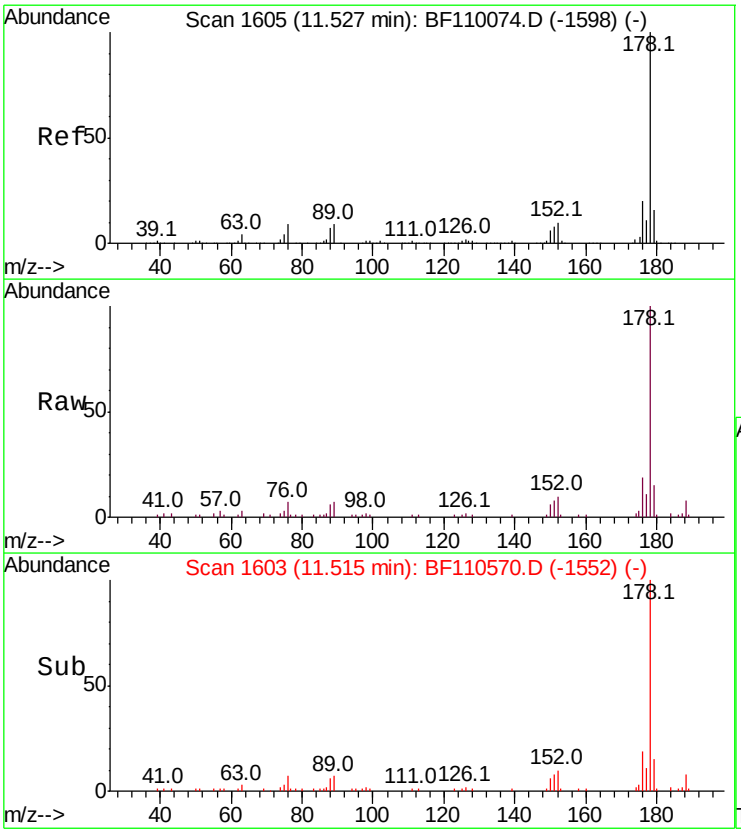
#67
4-Bromophenyl-phenylether
Concen: 2.878 ng
RT: 10.79 min Scan# 1479
Delta R.T. -0.24 min
Lab File: BF110570.D
Acq: 7 Nov 2018 21:55

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:248 Resp: 5190

Ion	Ratio	Lower	Upper
248	100		
250	207.4	79.4	119.2#
141	618.7	55.9	83.9#

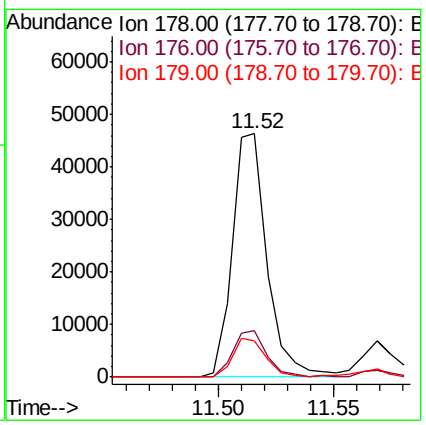


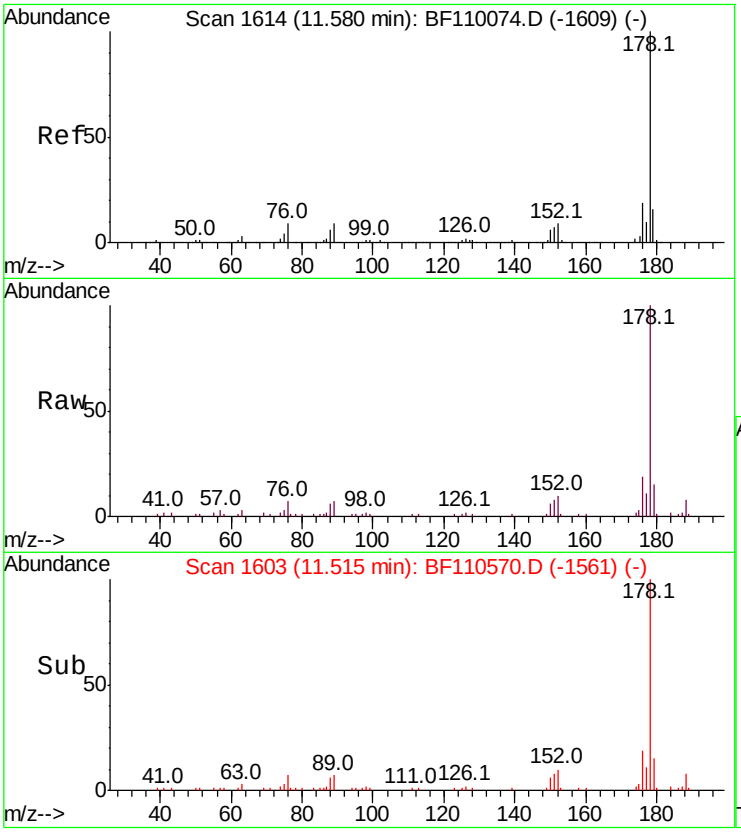


#71
Phenanthrene
Concen: 5.590 ng
RT: 11.52 min Scan# 1603
Delta R.T. -0.00 min
Lab File: BF110570.D
Acq: 7 Nov 2018 21:55

Tgt Ion:178 Resp: 48619

Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.5	23.3
179	15.1	12.5	18.7



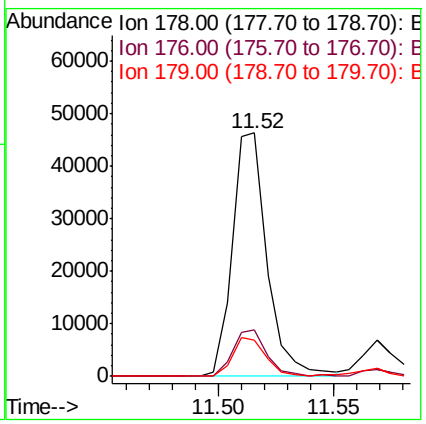


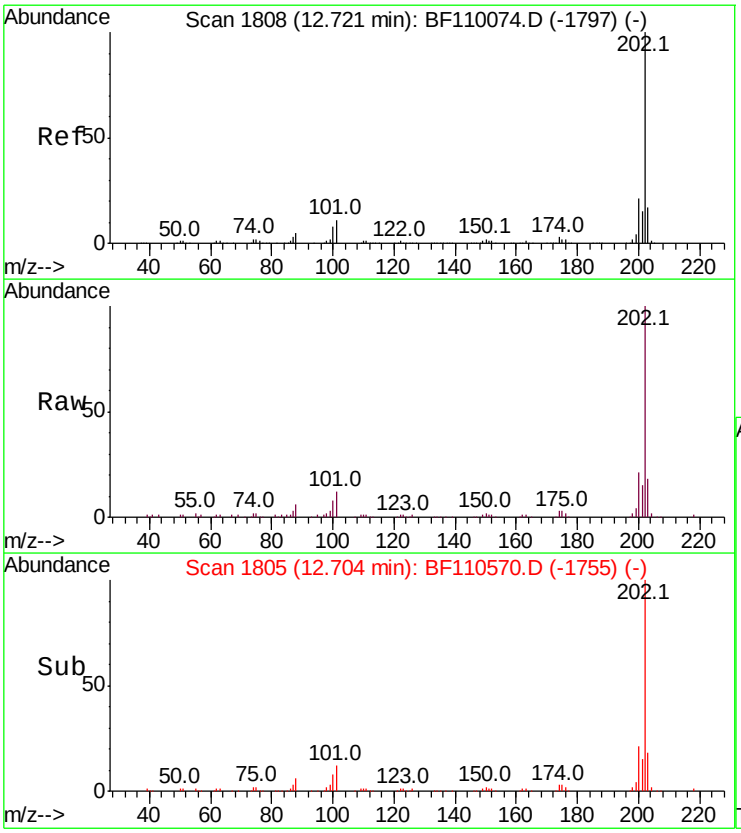
#72
Anthracene
Concen: 5.577 ng
RT: 11.52 min Scan# 1603
Delta R.T. -0.05 min
Lab File: BF110570.D
Acq: 7 Nov 2018 21:55

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 48619

Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.4	23.2
179	15.1	12.6	18.8

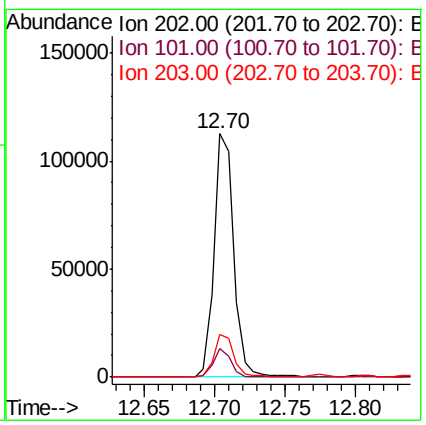


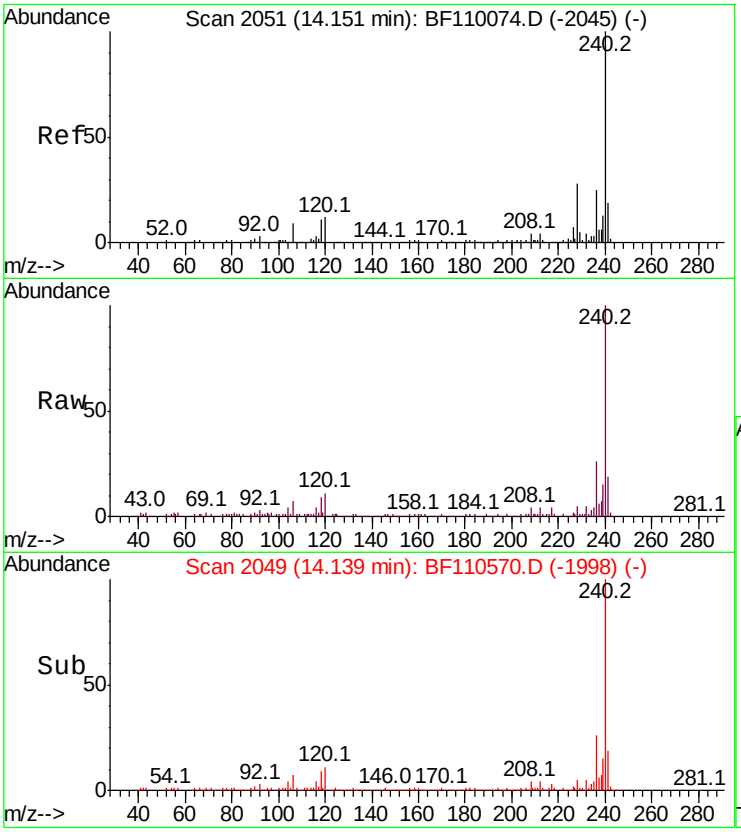


#75
Fluoranthene
Concen: 12.343 ng
RT: 12.70 min Scan# 1805
Delta R.T. -0.01 min
Lab File: BF110570.D
Acq: 7 Nov 2018 21:55

Tgt Ion:202 Resp: 108960

Ion	Ratio	Lower	Upper
202	100		
101	11.6	0.0	31.4
203	17.8	0.0	37.7



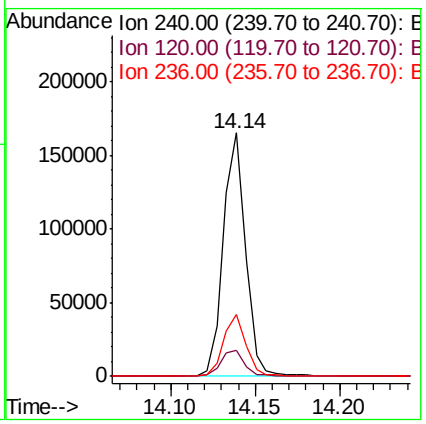


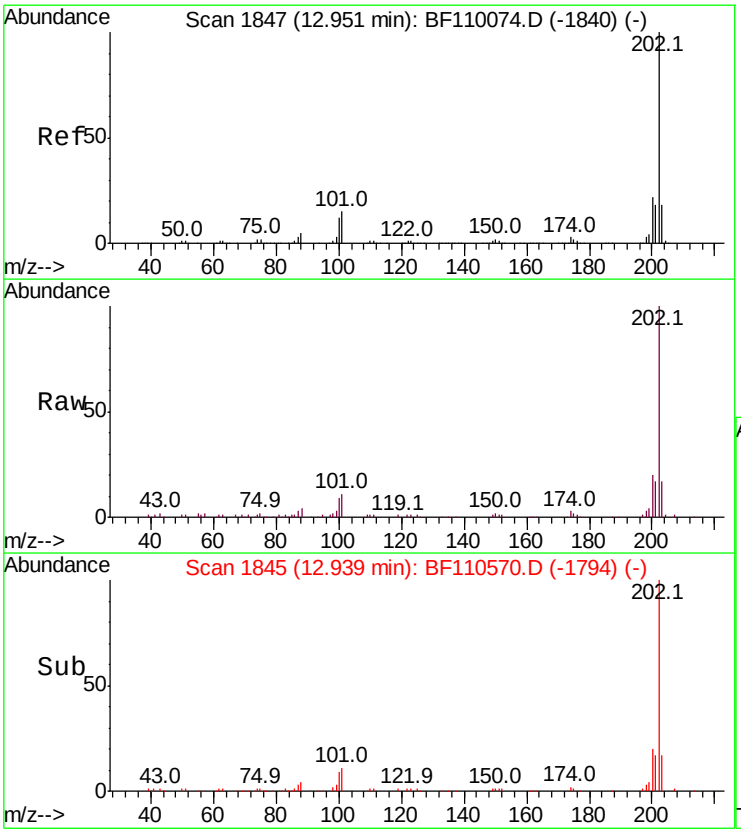
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.14 min Scan# 2049
Delta R.T. -0.00 min
Lab File: BF110570.D
Acq: 7 Nov 2018 21:55

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 151952

Ion	Ratio	Lower	Upper
240	100		
120	10.5	8.3	12.5
236	25.6	21.2	31.8

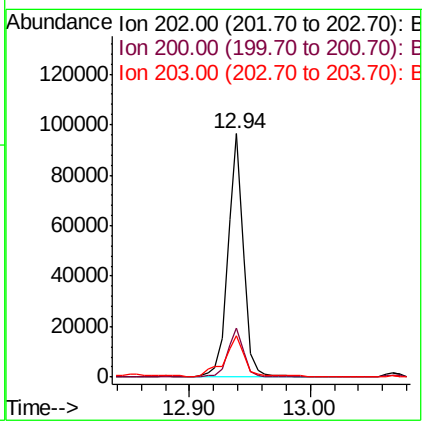


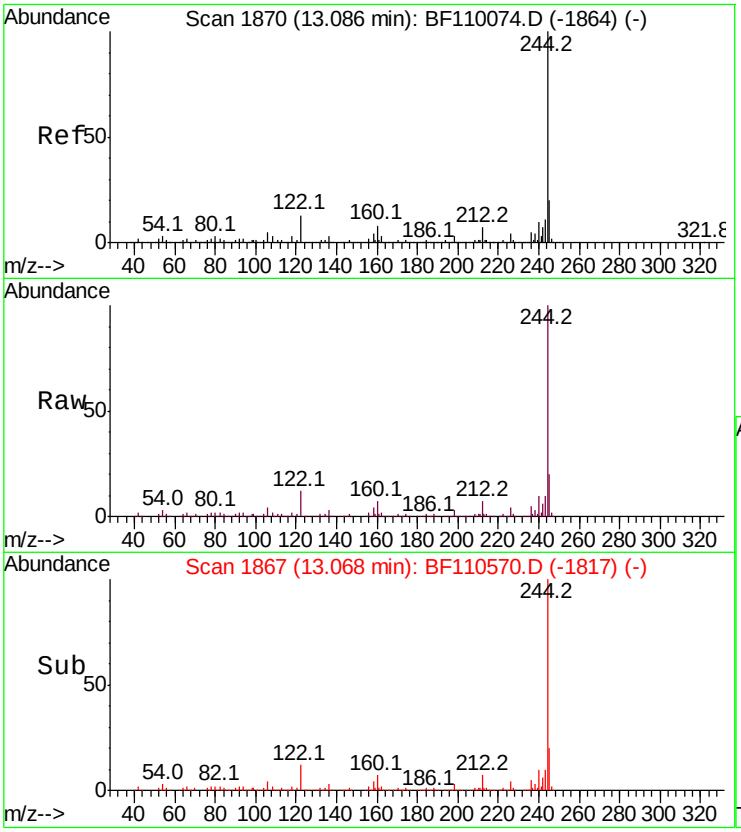


#78
Pyrene
Concen: 7.917 ng
RT: 12.94 min Scan# 1845
Delta R.T. -0.00 min
Lab File: BF110570.D
Acq: 7 Nov 2018 21:55

Tgt Ion:202 Resp: 86243

Ion	Ratio	Lower	Upper
202	100		
200	19.9	17.8	26.6
203	16.8	14.2	21.4



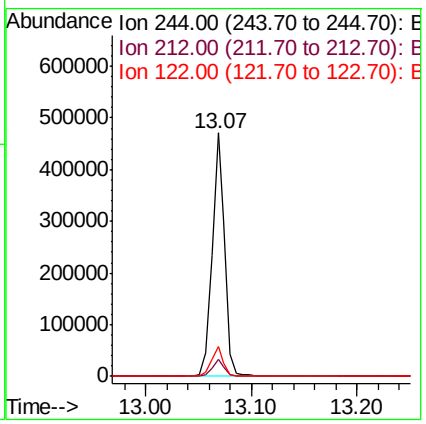


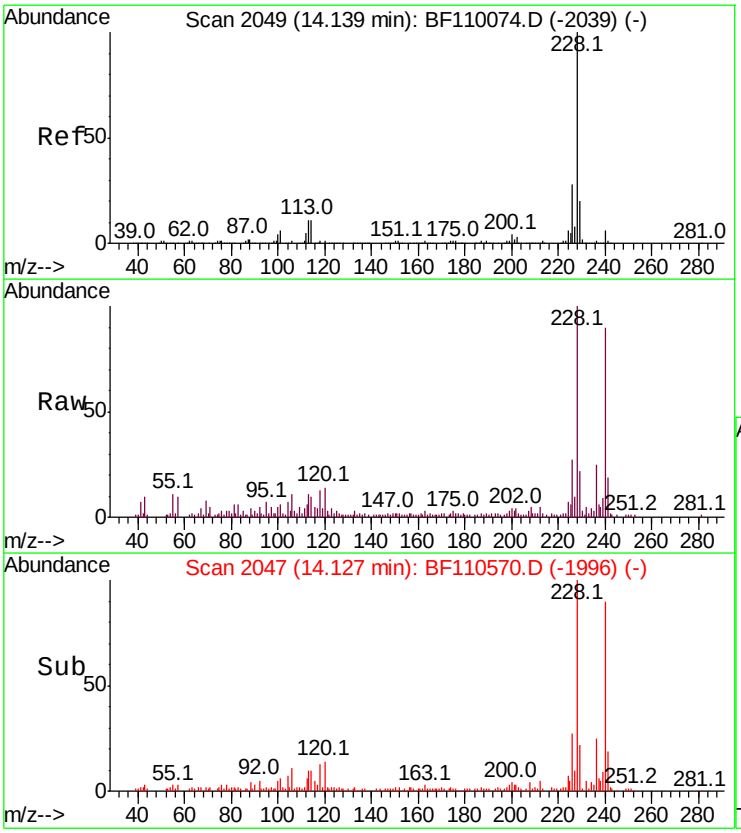
#79
Terphenyl-d14
Concen: 53.837 ng
RT: 13.07 min Scan# 1867
Delta R.T. -0.01 min
Lab File: BF110570.D
Acq: 7 Nov 2018 21:55

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 393357

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.8	8.8
122	12.2	8.7	13.1

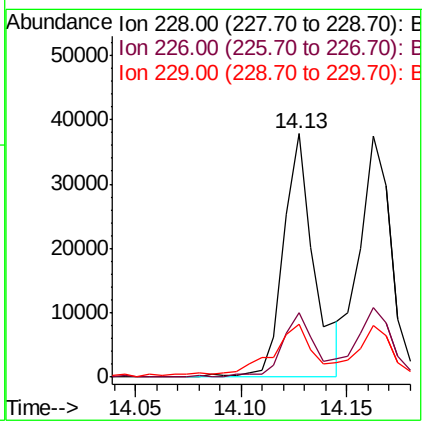


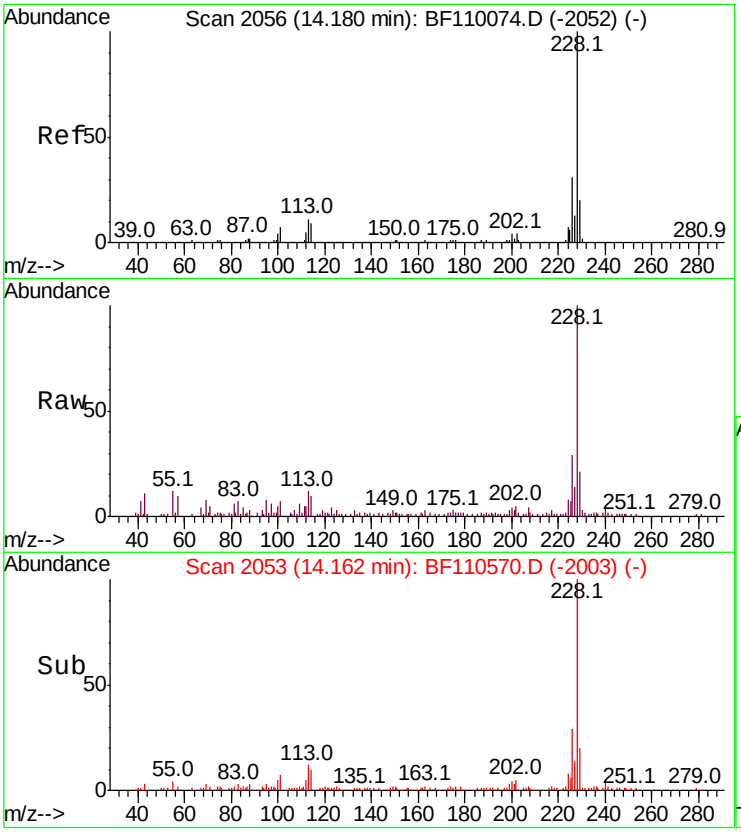


#81
Benzo(a)anthracene
Concen: 4.264 ng
RT: 14.13 min Scan# 2047
Delta R.T. -0.00 min
Lab File: BF110570.D
Acq: 7 Nov 2018 21:55

Tgt Ion:228 Resp: 38421

Ion	Ratio	Lower	Upper
228	100		
226	26.7	22.1	33.1
229	21.6	15.6	23.4



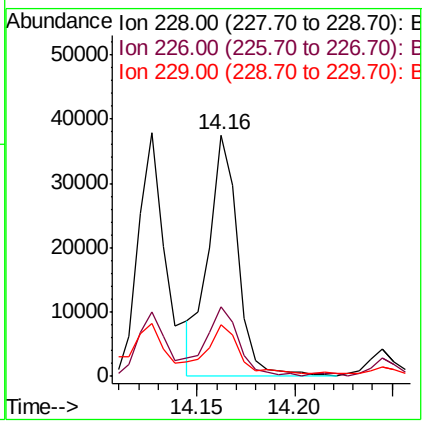


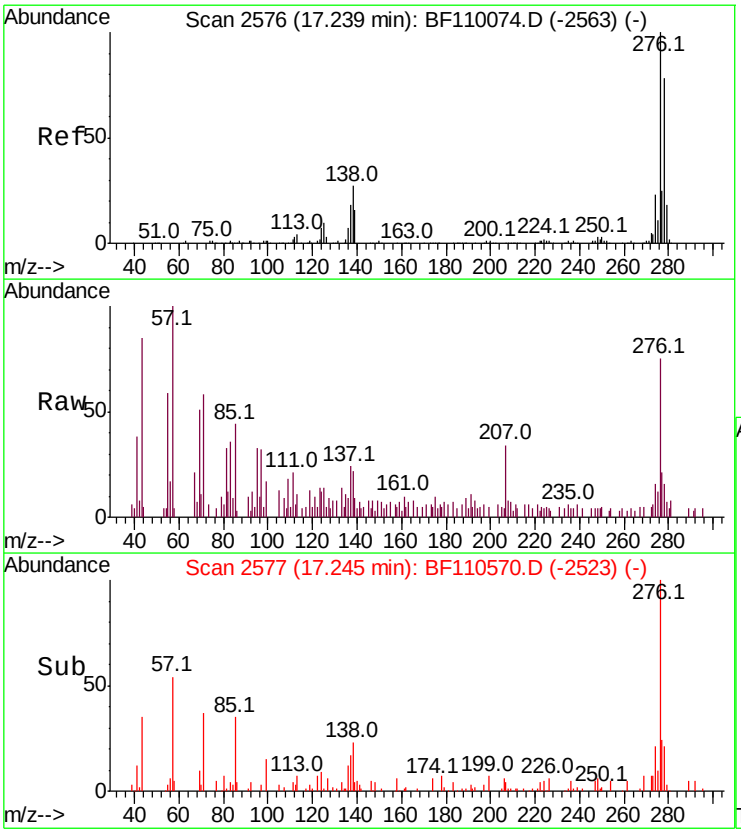
#83
Chrysene
Concen: 4.635 ng
RT: 14.16 min Scan# 2053
Delta R.T. -0.01 min
Lab File: BF110570.D
Acq: 7 Nov 2018 21:55

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 39666

Ion	Ratio	Lower	Upper
228	100		
226	28.9	24.7	37.1
229	21.3	15.9	23.9

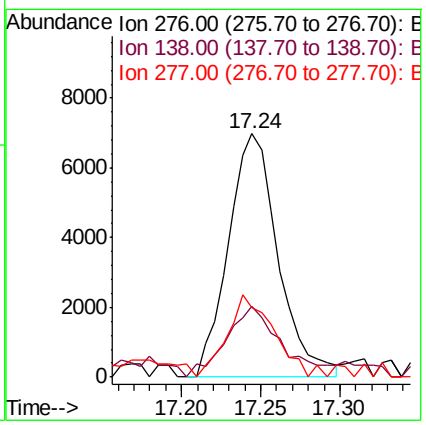


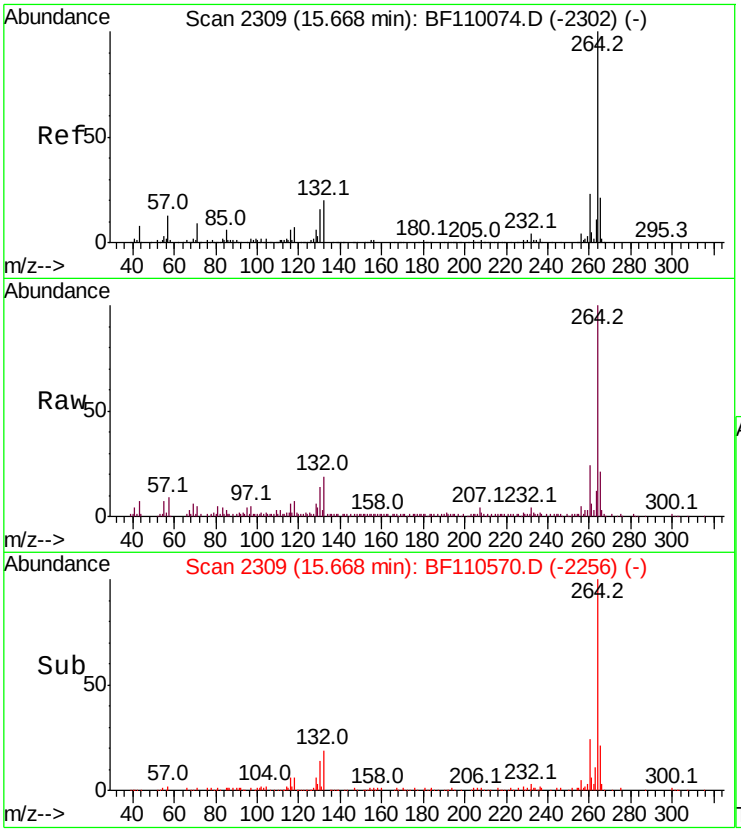


#86
Indeno(1,2,3-cd)pyrene
Concen: 2.140 ng
RT: 17.24 min Scan# 2577
Delta R.T. 0.02 min
Lab File: BF110570.D
Acq: 7 Nov 2018 21:55

Tgt Ion:276 Resp: 15195

Ion	Ratio	Lower	Upper
276	100		
138	32.9	18.5	27.7#
277	31.9	20.0	30.0#



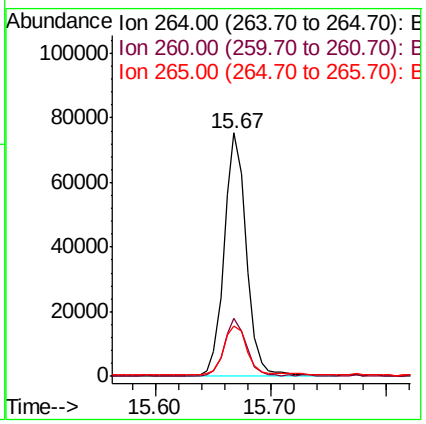


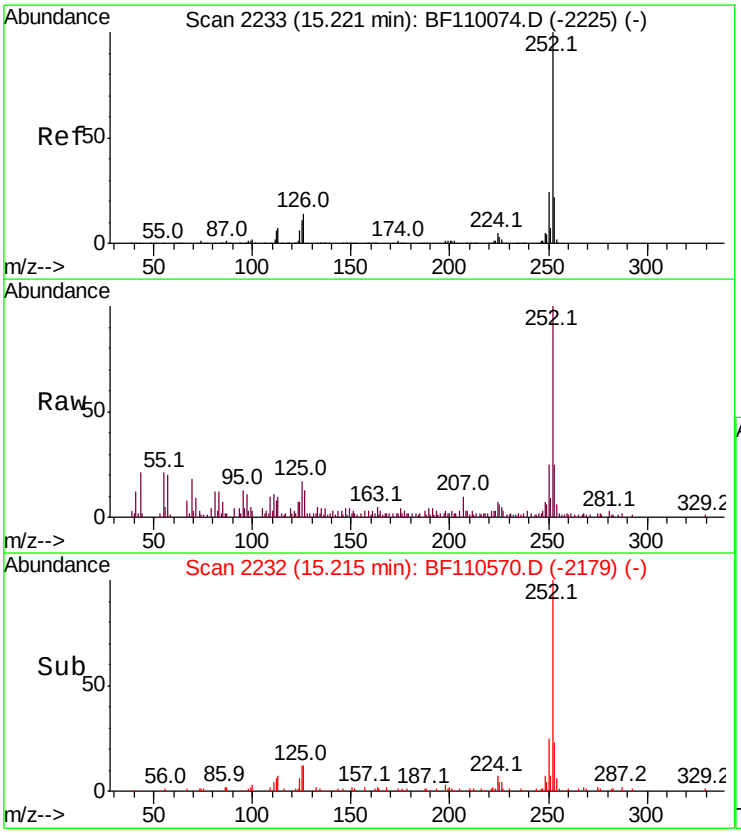
#87
Perylene-d12
Concen: 20.000 ng
RT: 15.67 min Scan# 2309
Delta R.T. 0.01 min
Lab File: BF110570.D
Acq: 7 Nov 2018 21:55

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 100465

Ion	Ratio	Lower	Upper
264	100		
260	24.0	18.7	28.1
265	20.7	16.7	25.1

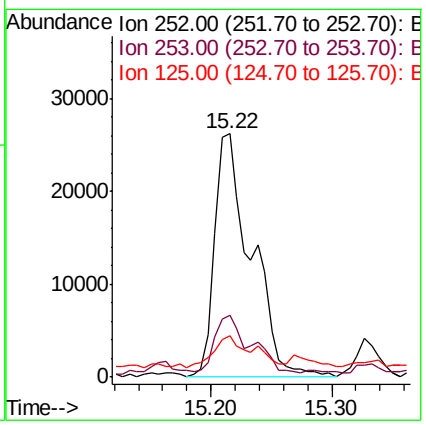


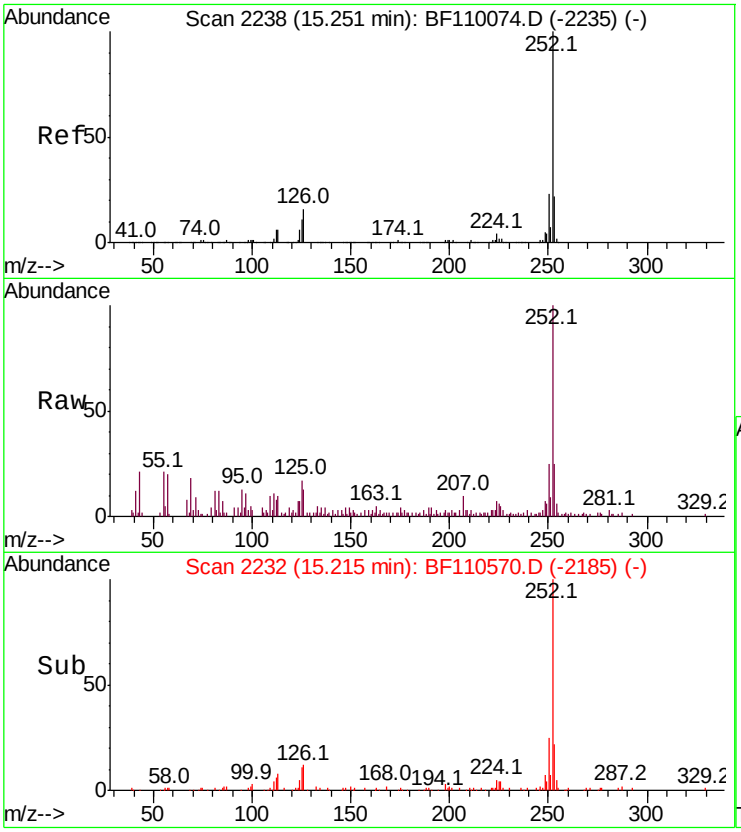


#88
Benzo(b)fluoranthene
Concen: 9.496 ng
RT: 15.22 min Scan# 2232
Delta R.T. 0.01 min
Lab File: BF110570.D
Acq: 7 Nov 2018 21:55

Tgt Ion:252 Resp: 55092

Ion	Ratio	Lower	Upper
252	100		
253	25.2	17.2	25.8
125	16.7	8.2	12.4#



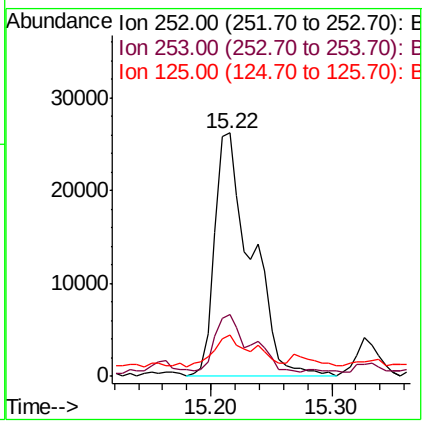


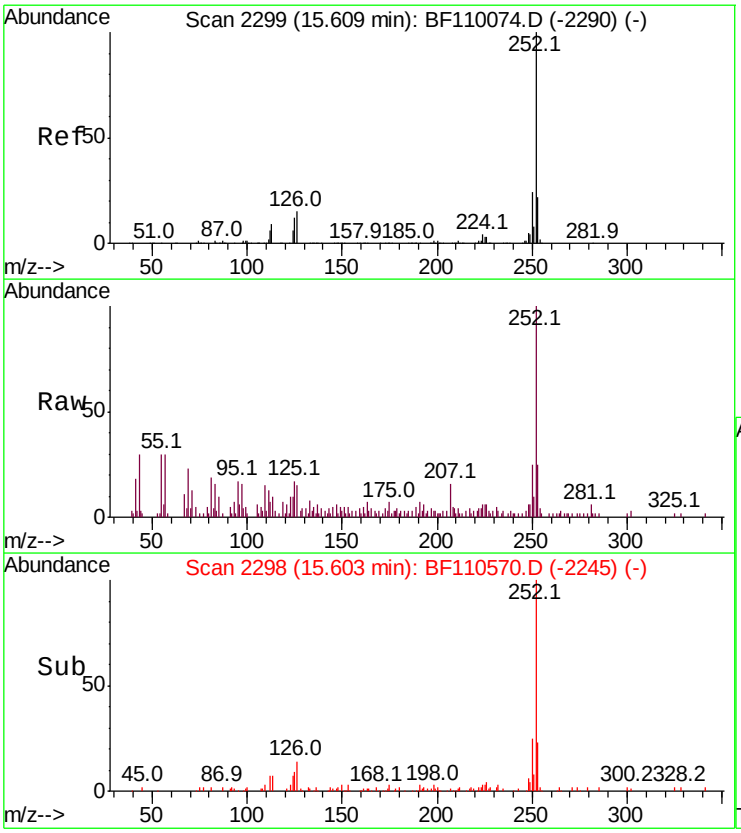
#89
Benzo(k)fluoranthene
Concen: 9.659 ng
RT: 15.22 min Scan# 2232
Delta R.T. -0.02 min
Lab File: BF110570.D
Acq: 7 Nov 2018 21:55

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 55092

Ion	Ratio	Lower	Upper
252	100		
253	25.2	17.2	25.8
125	16.7	7.4	11.0#

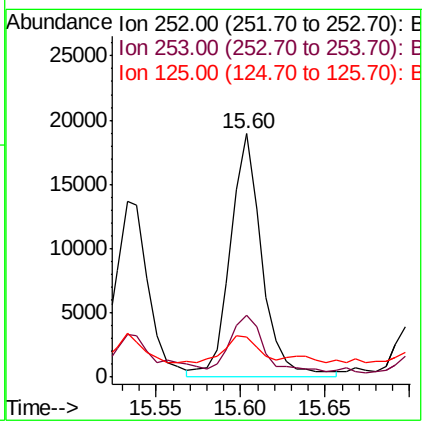


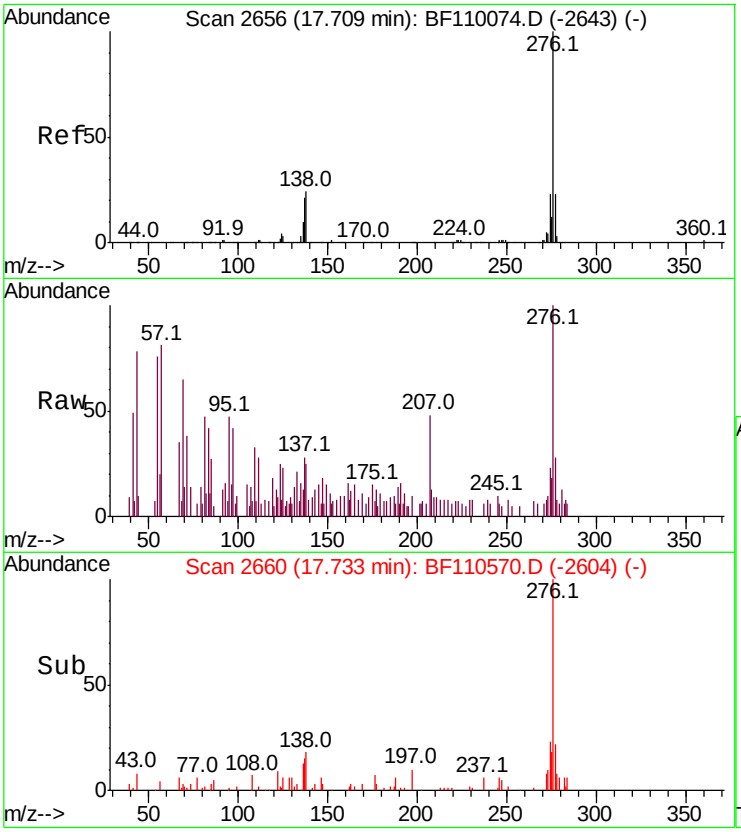


#90
Benzo(a)pyrene
Concen: 4.656 ng
RT: 15.60 min Scan# 2298
Delta R.T. 0.01 min
Lab File: BF110570.D
Acq: 7 Nov 2018 21:55

Tgt Ion:252 Resp: 24857

Ion	Ratio	Lower	Upper
252	100		
253	25.4	18.2	27.4
125	16.6	9.0	13.6#





#92
Benzo(g,h,i)perylene
Concen: 3.297 ng
RT: 17.73 min Scan# 2660
Delta R.T. 0.03 min
Lab File: BF110570.D
Acq: 7 Nov 2018 21:55

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 14963

Ion	Ratio	Lower	Upper
276	100		
277	27.7	18.8	28.2
138	24.7	16.0	24.0#