Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062118\
Data File : BF106674.D
Acq On : 21 Jun 2018 21:22
Operator : JU/SJ
Sample : J3245-15 2X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Jun 22 03:23:57 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 19 14:32:09 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	61530	20.00	ng		0.00
21) Naphthalene-d8	8.24	136	236611	20.00	ng		0.00
38) Acenaphthene-d10	10.00	164	112151	20.00	ng		0.00
63) Phenanthrene-d10	11.49	188	207444	20.00	ng		-0.01
75) Chrysene-d12	14.15	240	196101	20.00	ng		0.00
86) Perylene-d12	15.69	264	148349	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	160649	44.21	ng		0.00
7) Phenol-d6	6.60	99	197636	43.55	ng		-0.01
23) Nitrobenzene-d5	7.52	82	122669	28.81	ng		-0.01
41) 2,4,6-Tribromophenol	10.79	330	52441	40.34	ng		-0.01
44) 2-Fluorobiphenyl	9.31	172	240560	26.08	ng		-0.01
78) Terphenyl-d14	13.08	244	273515	33.79	ng		0.00
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.52	70	15924	5.324	ng	#	75
25) Isophorone	7.52	82	122667	16.350	ng	#	64
49) Dimethylphthalate	9.71	163	23067	2.742	ng		99
50) 2,6-Dinitrotoluene	10.00	165	14671	8.237	ng	#	24
56) 2,4-Dinitrotoluene	10.00	165	14671	6.310	ng	#	21
70) Phenanthrene	11.51	178	62645	6.261	ng		98
74) Fluoranthene	12.71	202	154623	14.021	ng		97
77) Pyrene	12.94	202	175593	13.579	ng		99
80) Benzo(a)anthracene	14.14	228	85117	7.122	ng		95
82) Chrysene	14.17	228	90815	8.259	ng		97
85) Indeno(1,2,3-cd)pyrene	17.27	276	38674	4.145	ng	#	88
87) Benzo(b)fluoranthene	15.23	252	126327	13.708	ng	#	86
88) Benzo(k)fluoranthene	15.23	252	126327	14.395	ng	#	90
89) Benzo(a)pyrene	15.62	252	66715	8.144	ng	#	93
91) Benzo(g,h,i)perylene	17.74	276	46174	6.804	ng	#	90

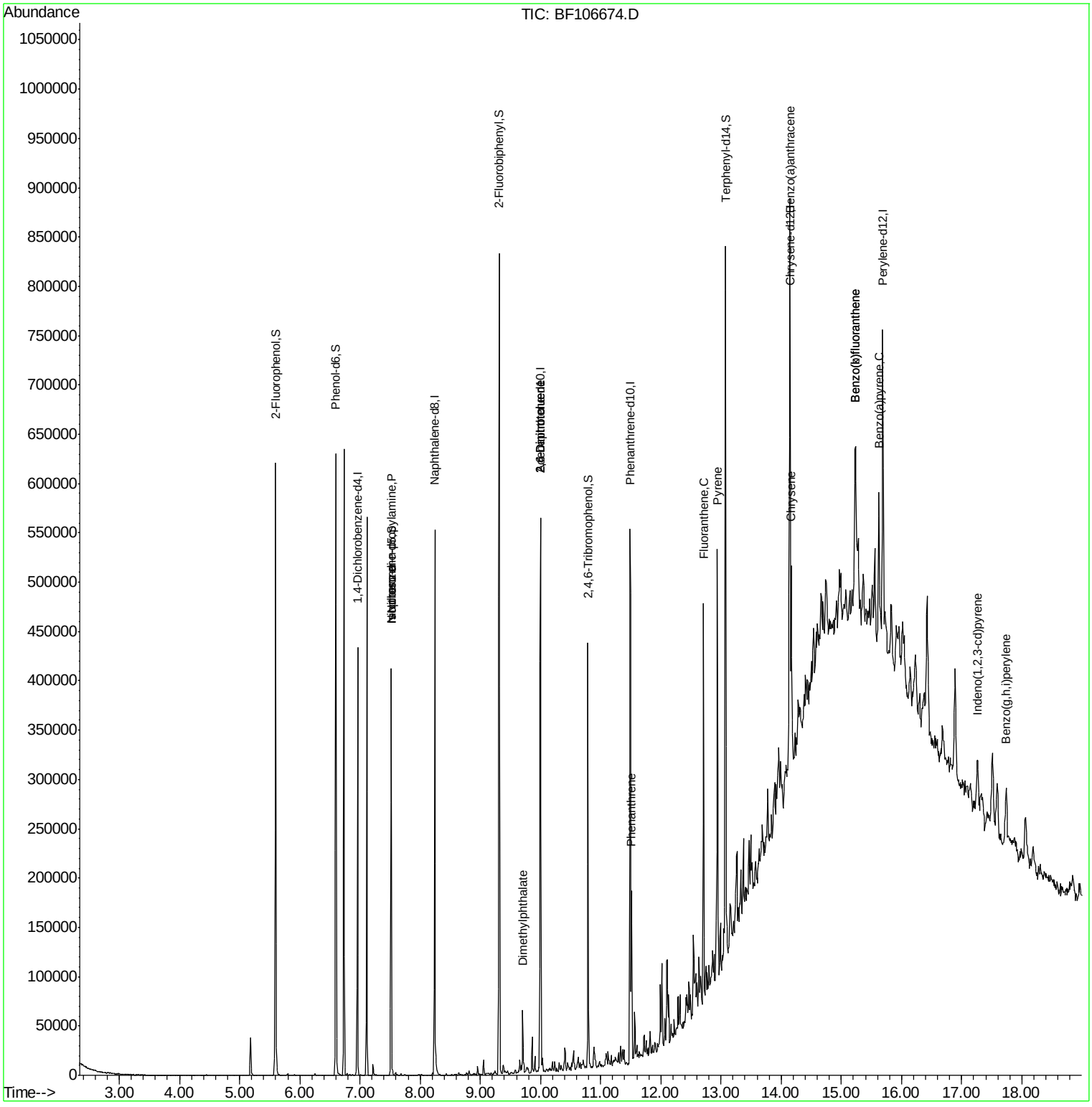
(#) = qualifier out of range (m) = manual integration (+) = signals summed

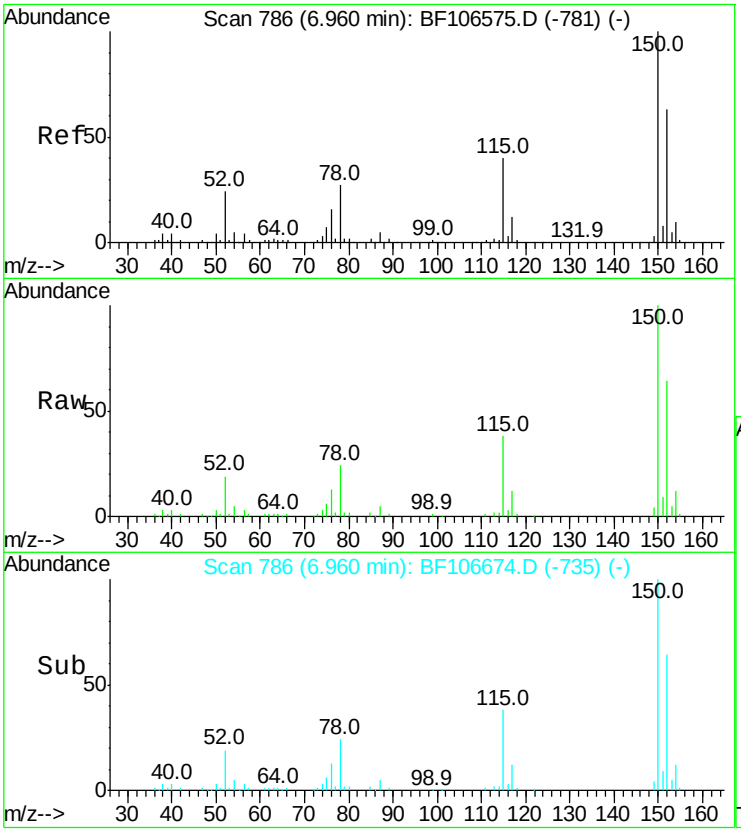
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062118\
Data File : BF106674.D
Acq On : 21 Jun 2018 21:22
Operator : JU/SJ
Sample : J3245-15 2X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Jun 22 03:23:57 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 19 14:32:09 2018
Response via : Initial Calibration



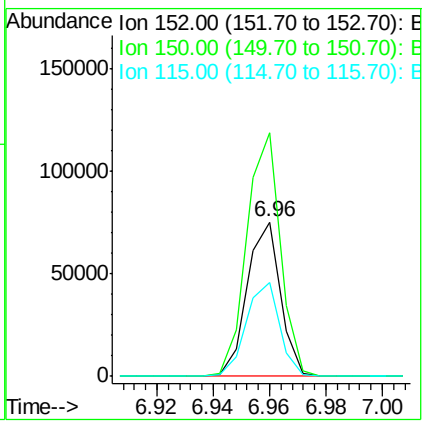


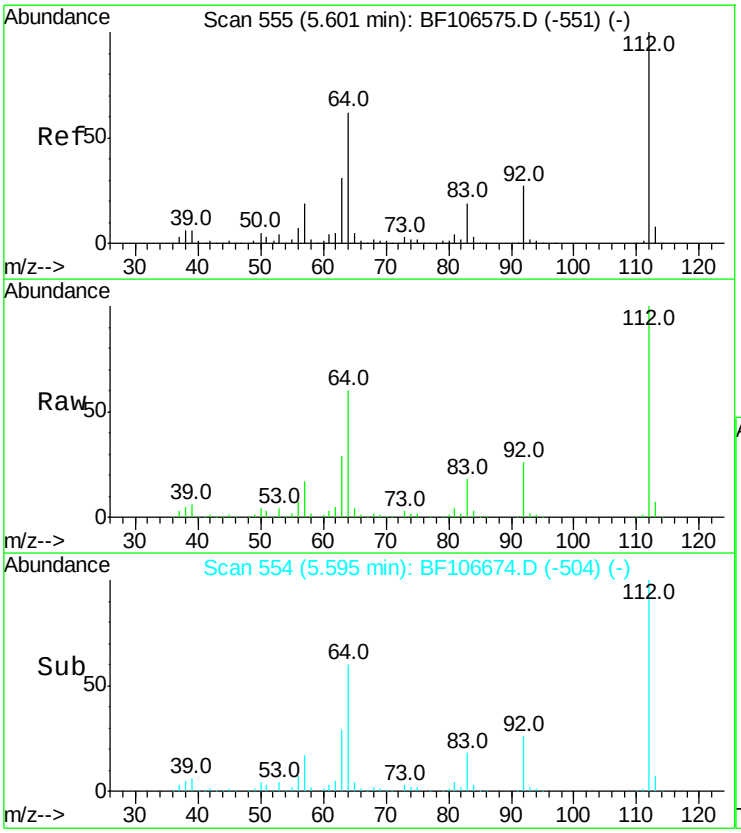
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 786
Delta R.T. 0.00 min
Lab File: BF106674.D
Acq: 21 Jun 2018 21:22

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 61530

Ion	Ratio	Lower	Upper
152	100		
150	157.5	124.6	186.8
115	60.5	50.1	75.1

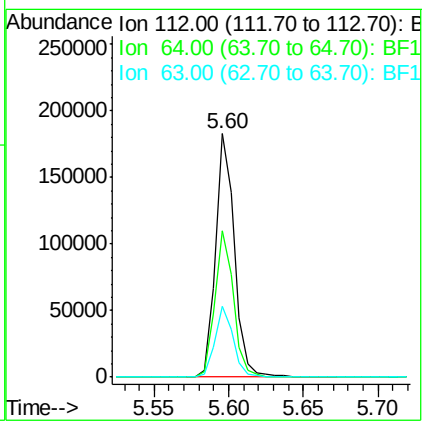


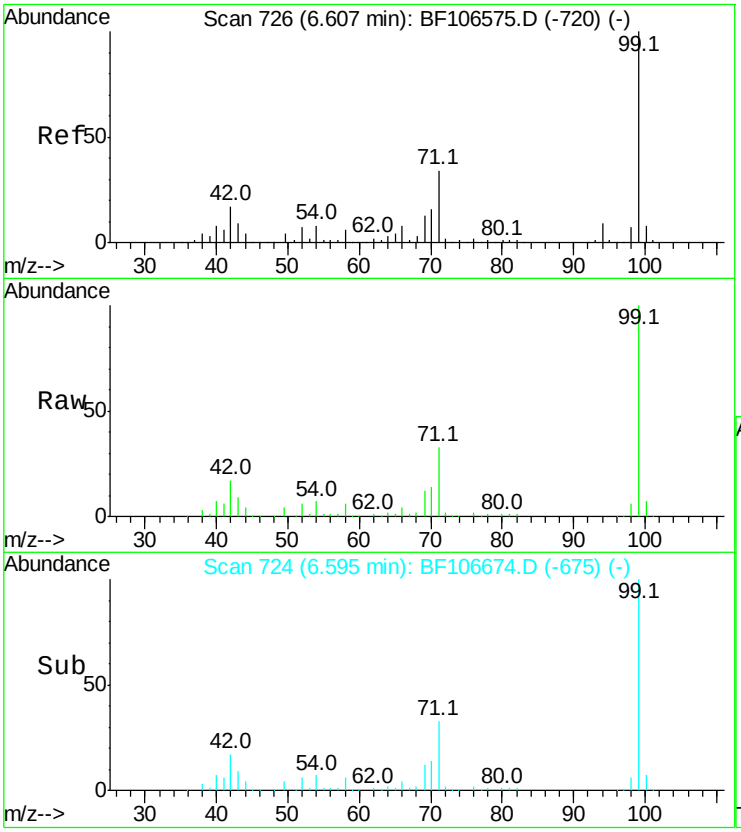


#5
2-Fluorophenol
Concen: 44.211 ng
RT: 5.60 min Scan# 554
Delta R.T. -0.01 min
Lab File: BF106674.D
Acq: 21 Jun 2018 21:22

Tgt Ion:112 Resp: 160649

Ion	Ratio	Lower	Upper
112	100		
64	60.3	47.9	71.9
63	29.2	23.7	35.5



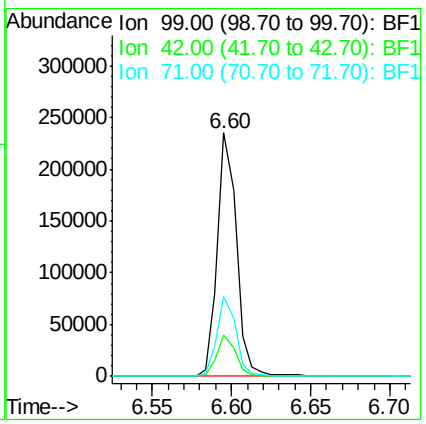


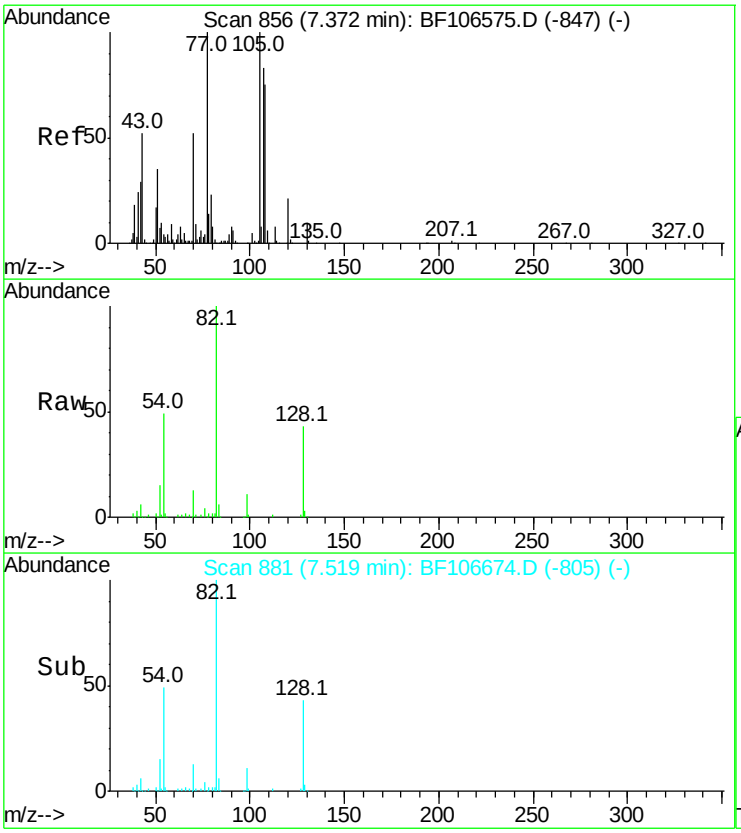
#7
Phenol-d6
Concen: 43.553 ng
RT: 6.60 min Scan# 724
Delta R.T. -0.01 min
Lab File: BF106674.D
Acq: 21 Jun 2018 21:22

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 197636

Ion	Ratio	Lower	Upper
99	100		
42	16.8	14.5	21.7
71	32.7	25.4	38.0

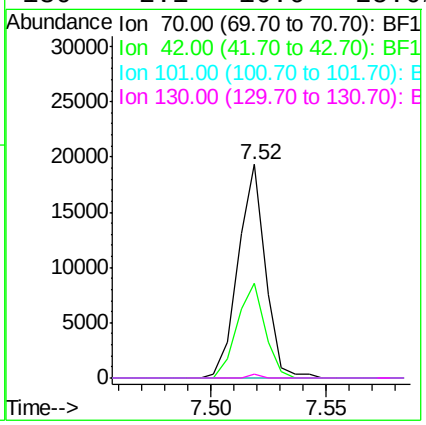


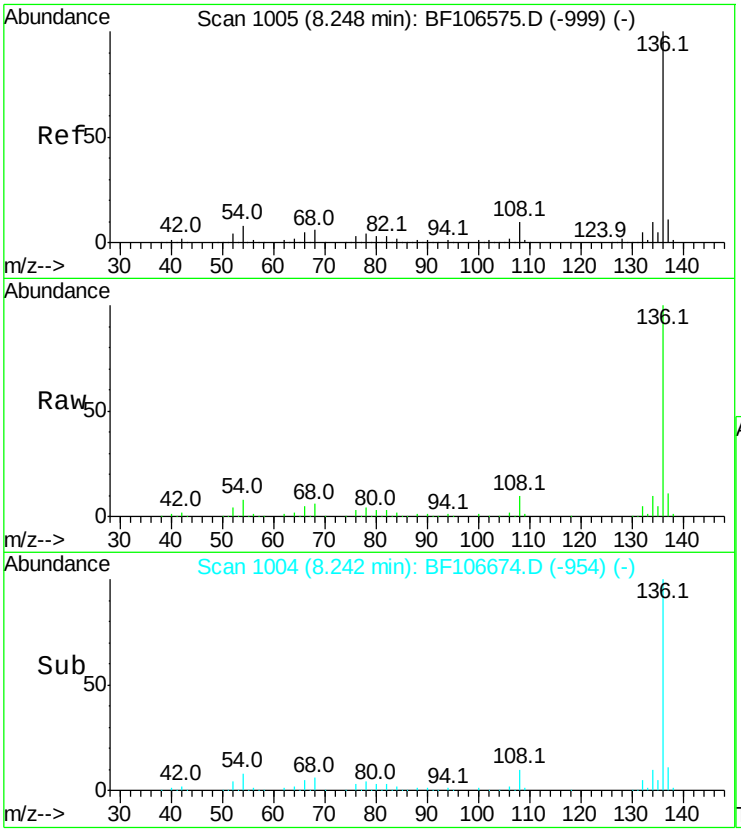


#19
n-Nitroso-di-n-propylamine
Concen: 5.324 ng
RT: 7.52 min Scan# 881
Delta R.T. 0.15 min
Lab File: BF106674.D
Acq: 21 Jun 2018 21:22

Tgt Ion: 70 Resp: 15924

Ion	Ratio	Lower	Upper
70	100		
42	44.4	47.5	71.3#
101	0.0	7.4	11.2#
130	2.1	16.6	25.0#



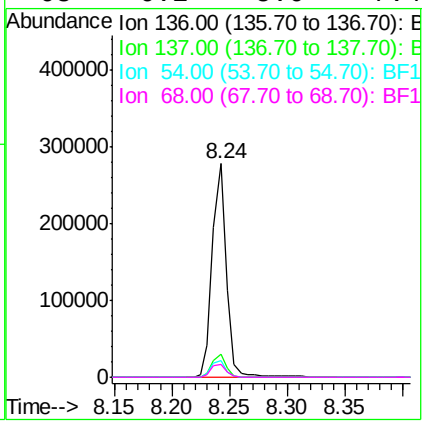


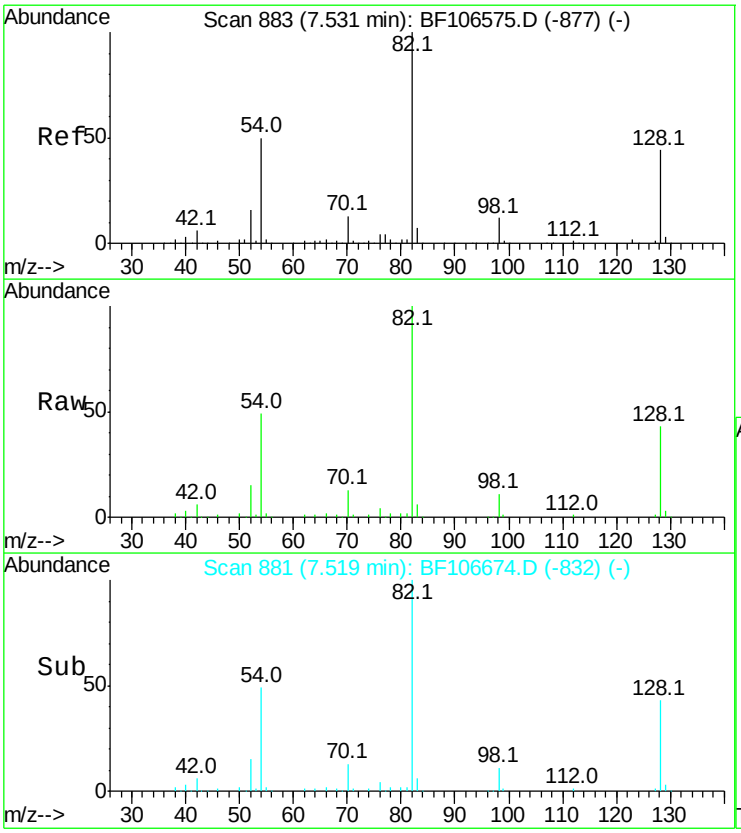
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1004
Delta R.T. -0.01 min
Lab File: BF106674.D
Acq: 21 Jun 2018 21:22

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 236611

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	8.0	6.6	9.8
68	6.2	5.0	7.4

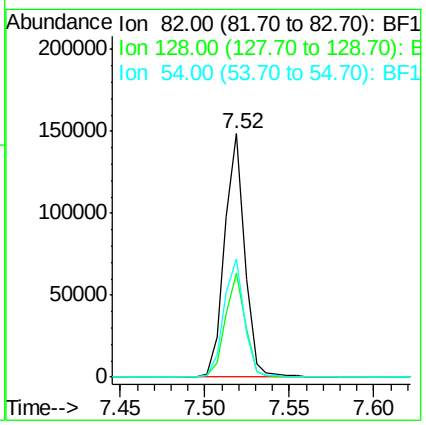


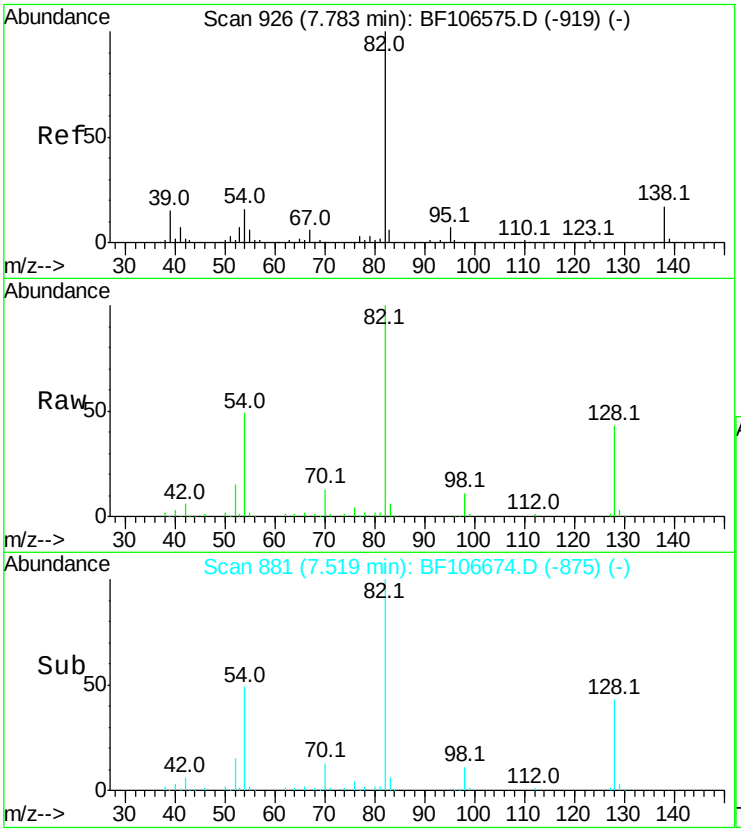


#23
Nitrobenzene-d5
Concen: 28.812 ng
RT: 7.52 min Scan# 881
Delta R.T. -0.01 min
Lab File: BF106674.D
Acq: 21 Jun 2018 21:22

Tgt Ion: 82 Resp: 122669

Ion	Ratio	Lower	Upper
82	100		
128	42.8	36.1	54.1
54	48.6	41.4	62.2



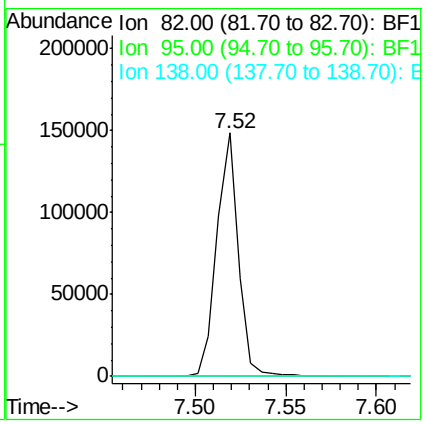


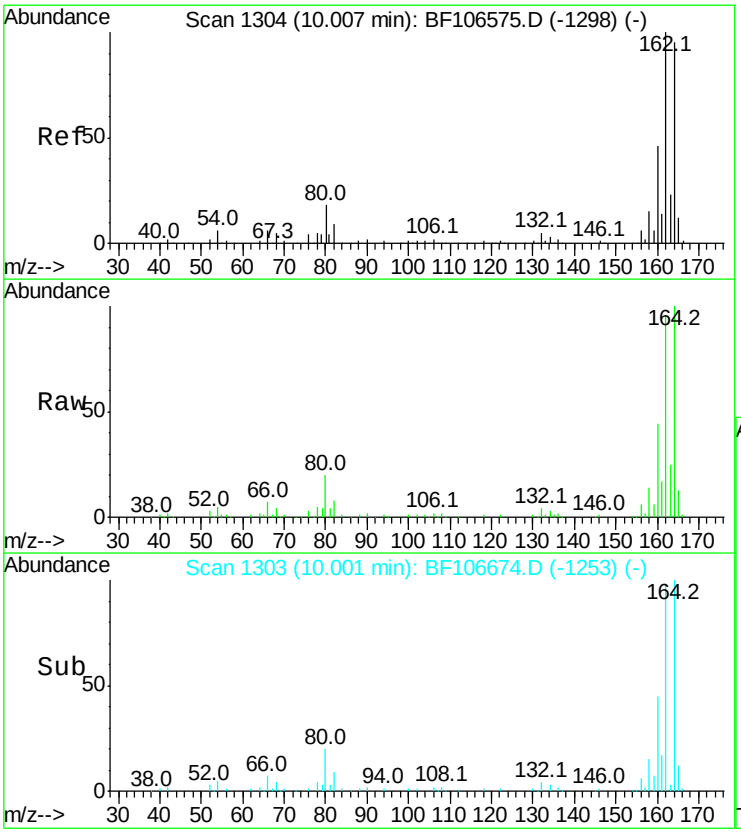
#25
Isophorone
Concen: 16.350 ng
RT: 7.52 min Scan# 881
Delta R.T. -0.26 min
Lab File: BF106674.D
Acq: 21 Jun 2018 21:22

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 122667

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

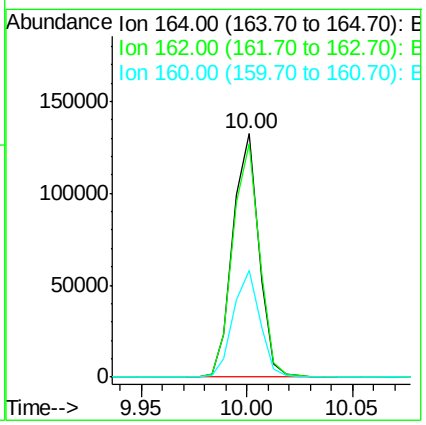


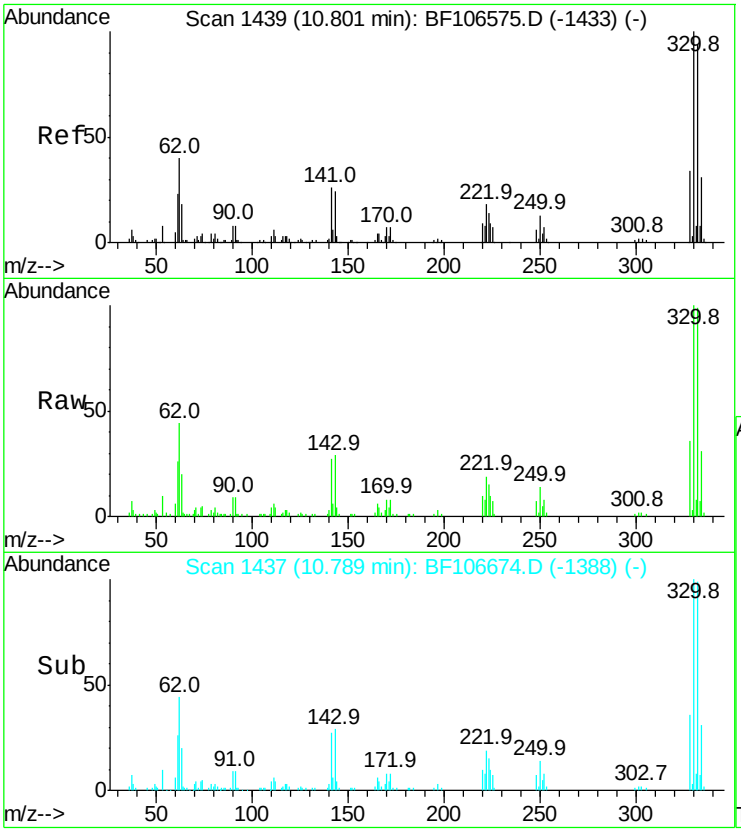


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.00 min Scan# 1303
Delta R.T. -0.01 min
Lab File: BF106674.D
Acq: 21 Jun 2018 21:22

Tgt Ion:164 Resp: 112151

Ion	Ratio	Lower	Upper
164	100		
162	95.9	86.1	129.1
160	44.0	38.3	57.5



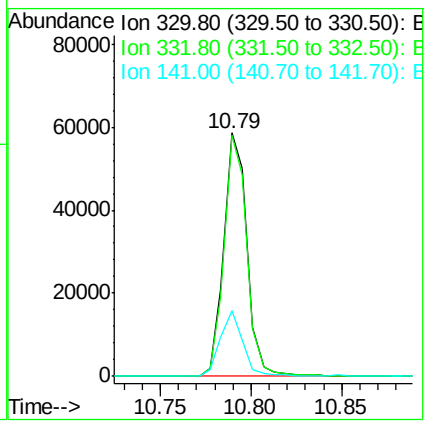


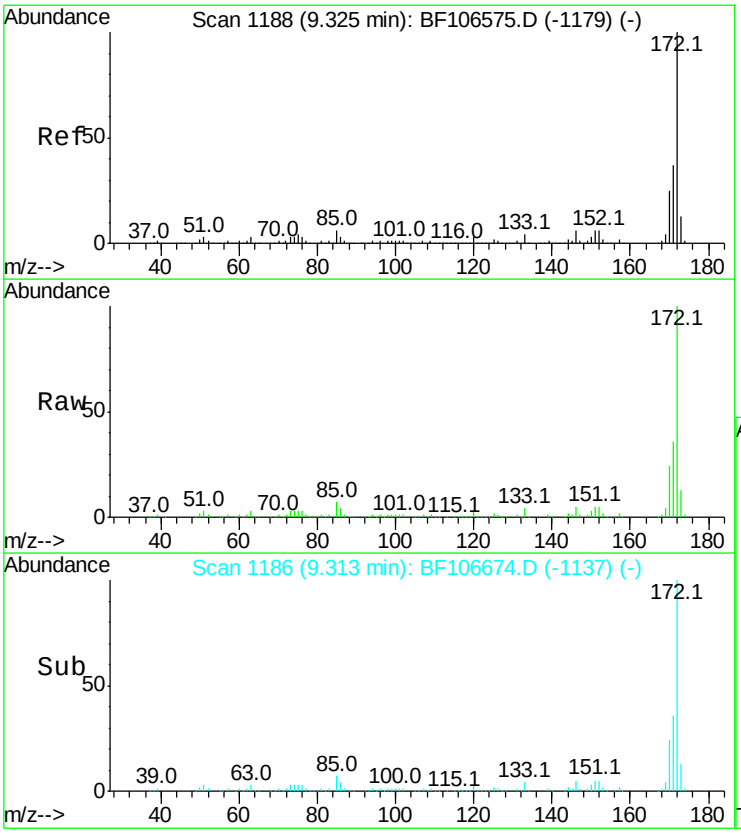
#41
2,4,6-Tribromophenol
Concen: 40.344 ng
RT: 10.79 min Scan# 1437
Delta R.T. -0.01 min
Lab File: BF106674.D
Acq: 21 Jun 2018 21:22

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 52441

Ion	Ratio	Lower	Upper
330	100		
332	97.0	77.0	115.6
141	26.0	29.9	44.9#

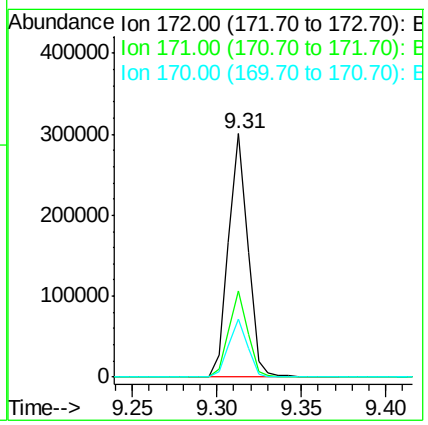


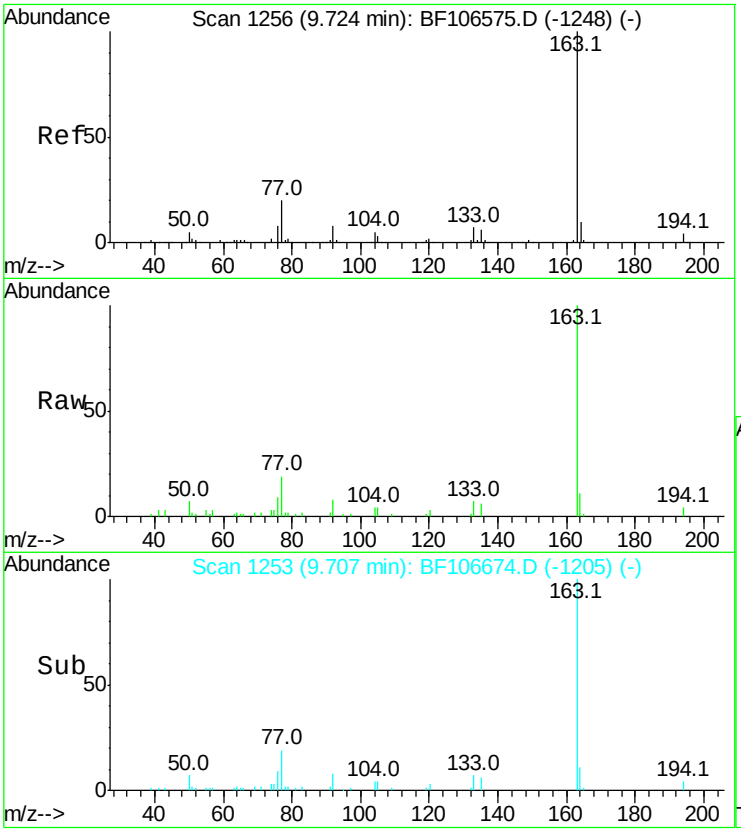


#44
2-Fluorobiphenyl
Concen: 26.081 ng
RT: 9.31 min Scan# 1186
Delta R.T. -0.01 min
Lab File: BF106674.D
Acq: 21 Jun 2018 21:22

Tgt Ion:172 Resp: 240560

Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.7	44.5
170	23.6	19.6	29.4



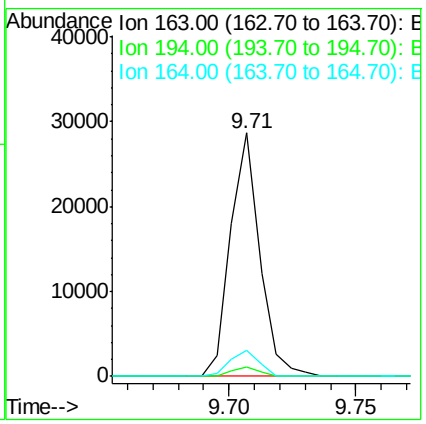


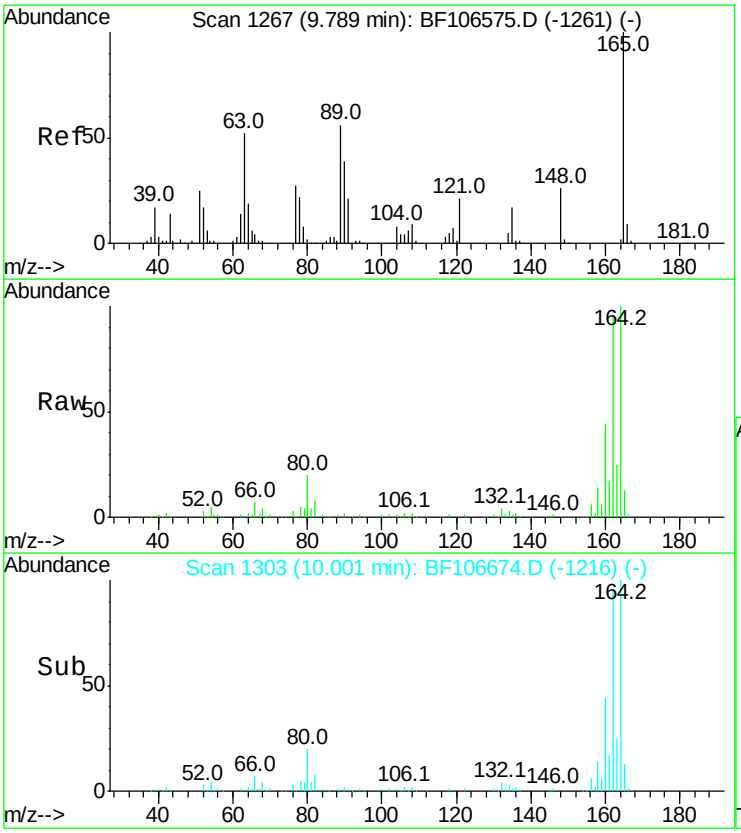
#49
Dimethylphthalate
Concen: 2.742 ng
RT: 9.71 min Scan# 1253
Delta R.T. -0.02 min
Lab File: BF106674.D
Acq: 21 Jun 2018 21:22

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:163 Resp: 23067

Ion	Ratio	Lower	Upper
163	100		
194	3.7	2.7	4.1
164	10.5	8.2	12.2

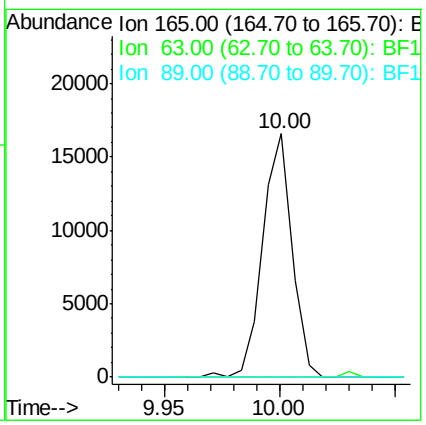


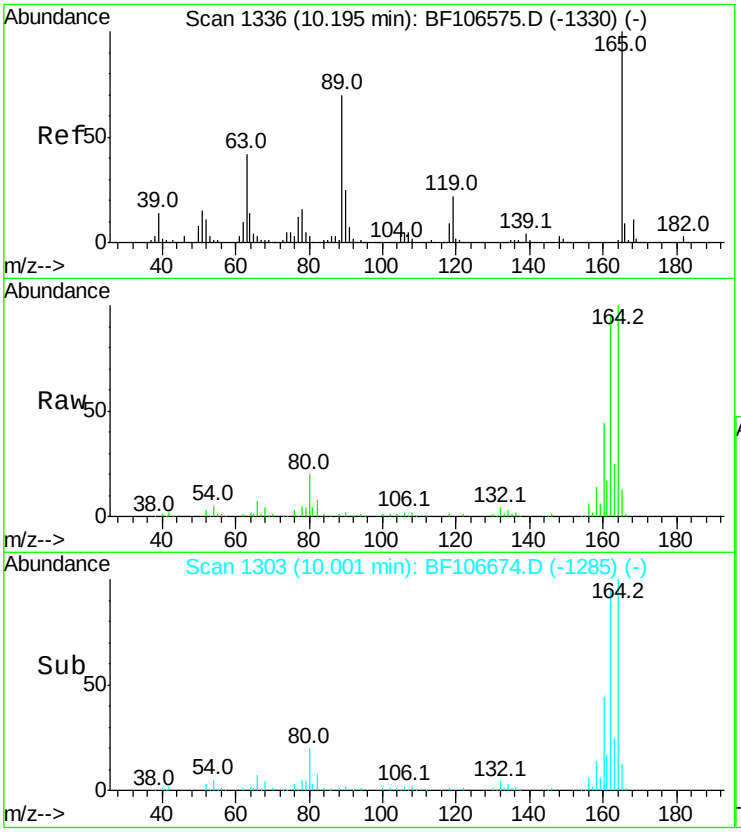


#50
2,6-Dinitrotoluene
Concen: 8.237 ng
RT: 10.00 min Scan# 1303
Delta R.T. 0.21 min
Lab File: BF106674.D
Acq: 21 Jun 2018 21:22

Tgt Ion:165 Resp: 14671

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



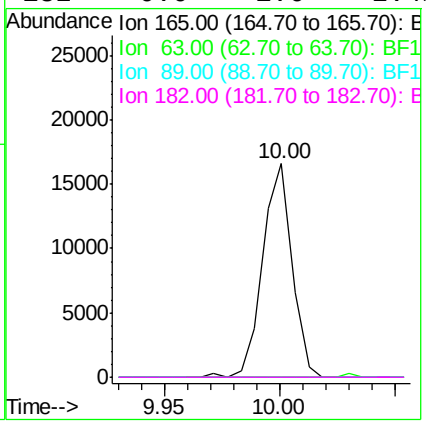


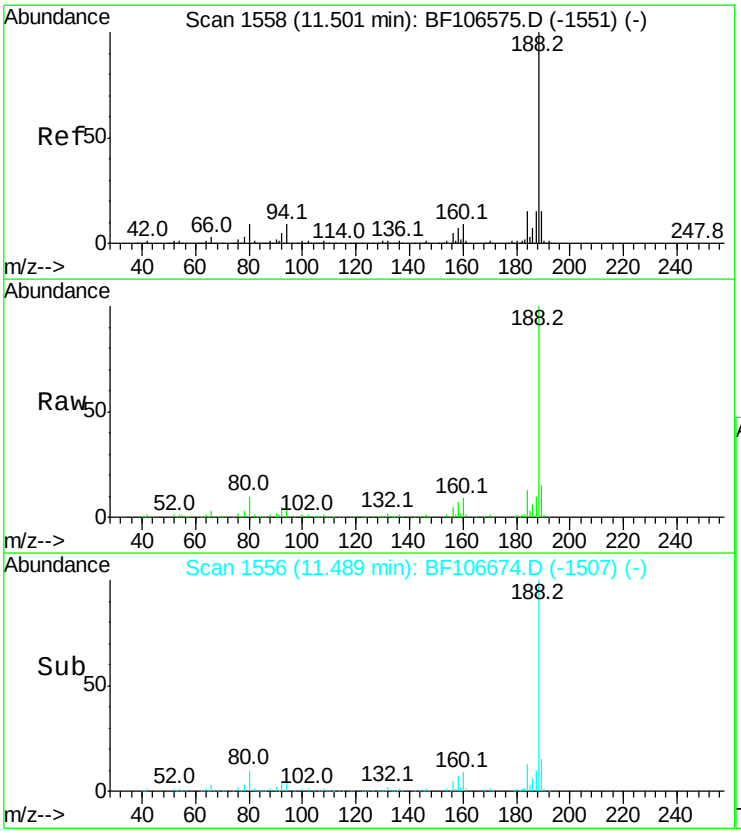
#56
2,4-Dinitrotoluene
Concen: 6.310 ng
RT: 10.00 min Scan# 1303
Delta R.T. -0.19 min
Lab File: BF106674.D
Acq: 21 Jun 2018 21:22

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 14671

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#

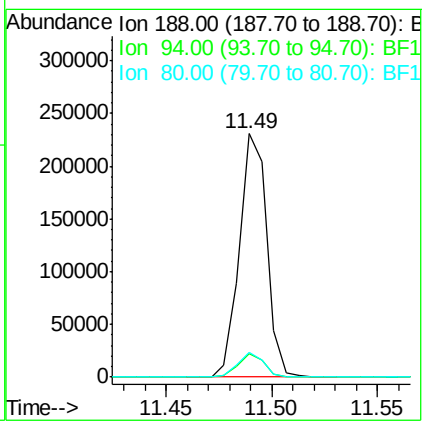


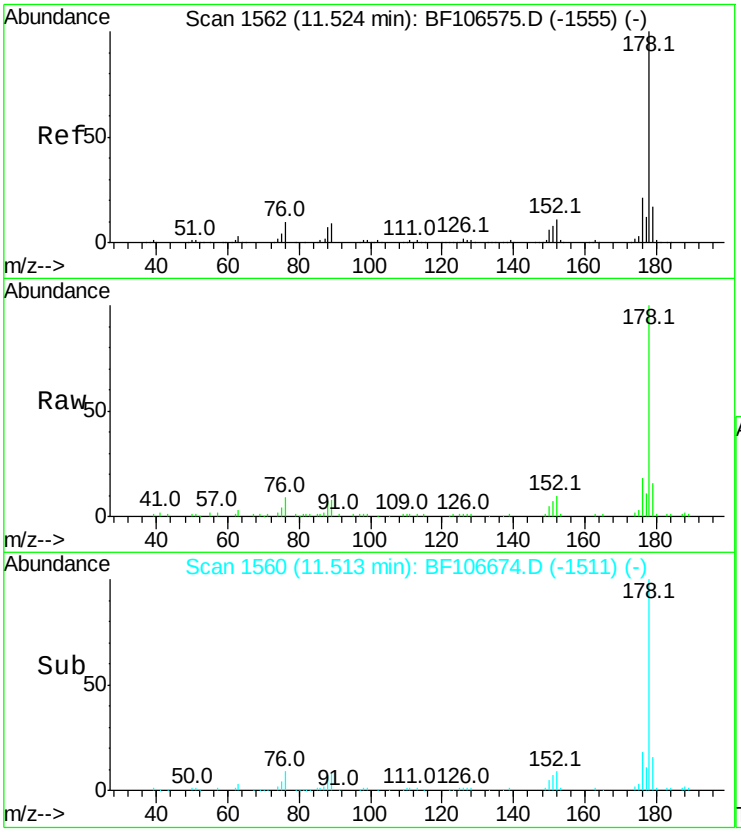


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.49 min Scan# 1556
Delta R.T. -0.01 min
Lab File: BF106674.D
Acq: 21 Jun 2018 21:22

Tgt Ion:188 Resp: 207444

Ion	Ratio	Lower	Upper
188	100		
94	9.5	8.5	12.7
80	10.2	9.2	13.8



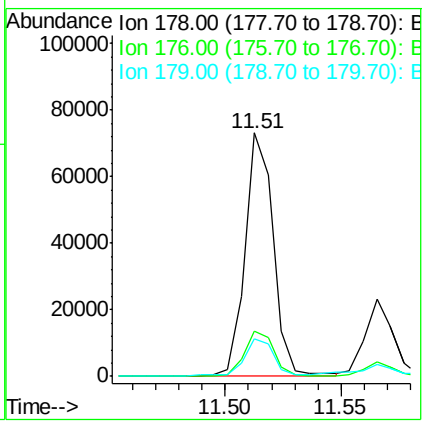


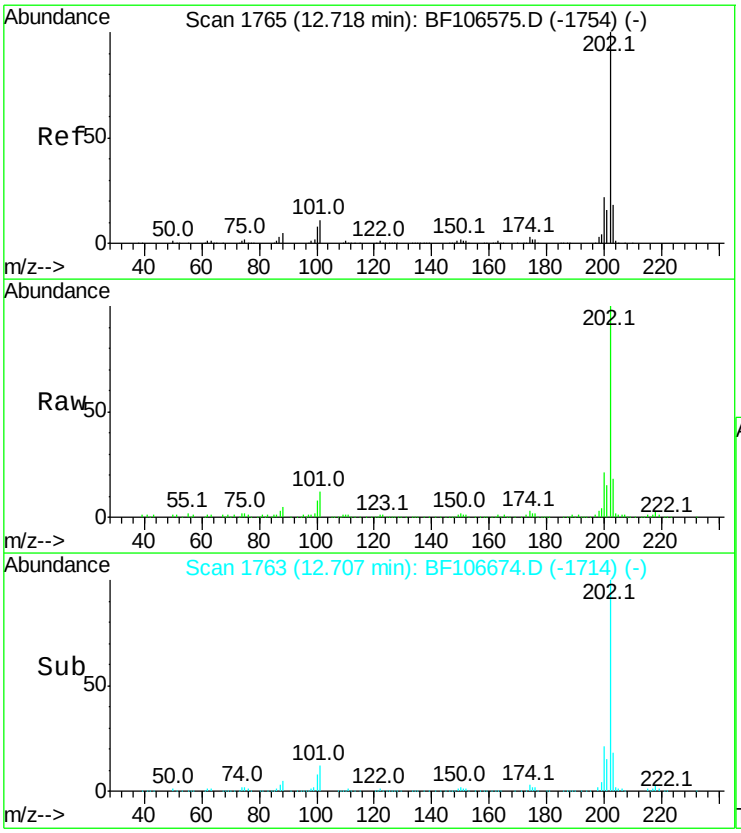
#70
Phenanthrene
Concen: 6.261 ng
RT: 11.51 min Scan# 1560
Delta R.T. -0.01 min
Lab File: BF106674.D
Acq: 21 Jun 2018 21:22

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 62645

Ion	Ratio	Lower	Upper
178	100		
176	18.4	15.8	23.8
179	15.6	13.0	19.6

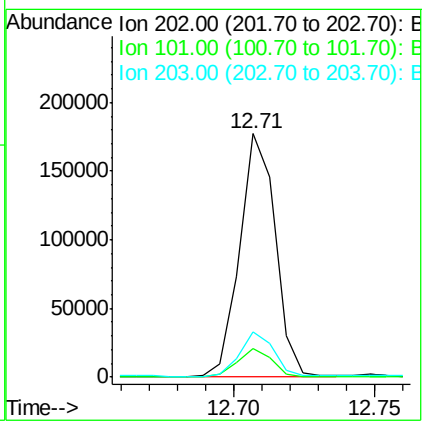


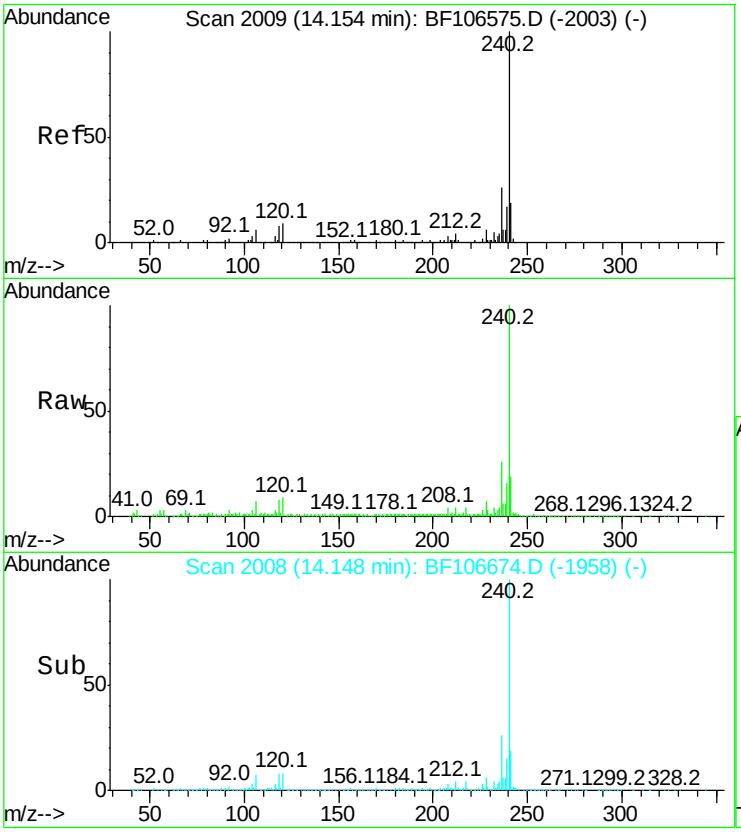


#74
Fluoranthene
Concen: 14.021 ng
RT: 12.71 min Scan# 1763
Delta R.T. -0.01 min
Lab File: BF106674.D
Acq: 21 Jun 2018 21:22

Tgt Ion:202 Resp: 154623

Ion	Ratio	Lower	Upper
202	100		
101	11.8	0.0	34.1
203	18.4	0.0	38.1



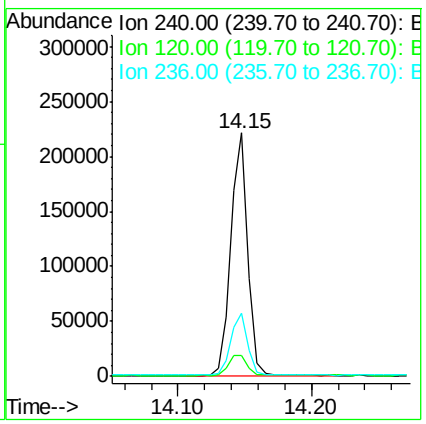


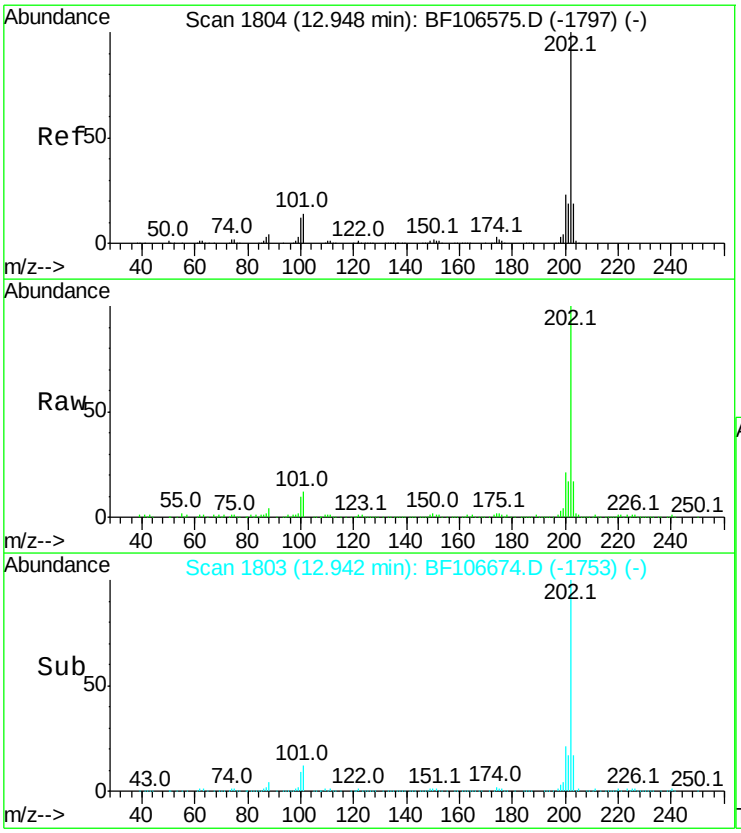
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.15 min Scan# 2008
Delta R.T. -0.01 min
Lab File: BF106674.D
Acq: 21 Jun 2018 21:22

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 196101

Ion	Ratio	Lower	Upper
240	100		
120	8.7	9.5	14.3#
236	25.9	20.7	31.1

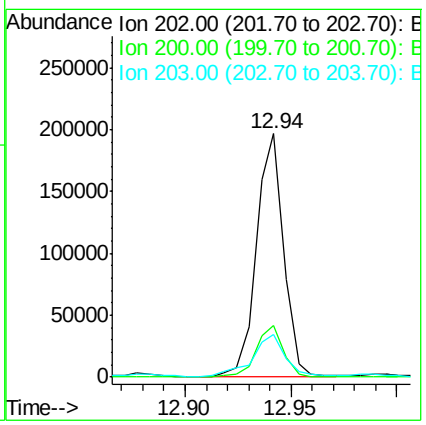


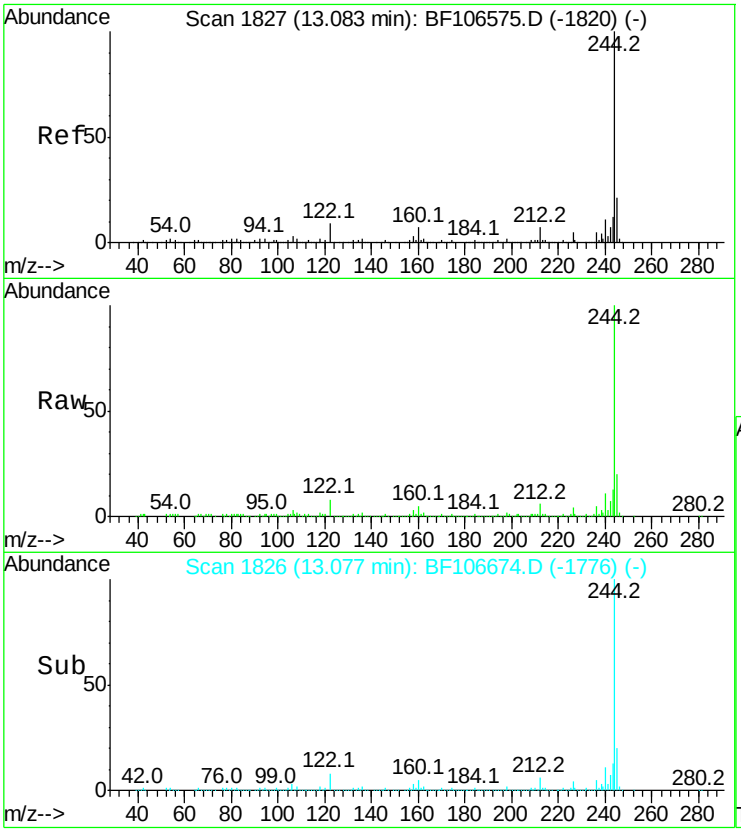


#77
Pyrene
Concen: 13.579 ng
RT: 12.94 min Scan# 1803
Delta R.T. -0.01 min
Lab File: BF106674.D
Acq: 21 Jun 2018 21:22

Tgt Ion:202 Resp: 175593

Ion	Ratio	Lower	Upper
202	100		
200	21.1	17.4	26.2
203	17.5	14.3	21.5



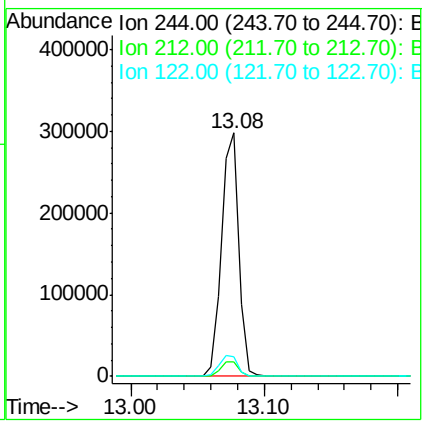


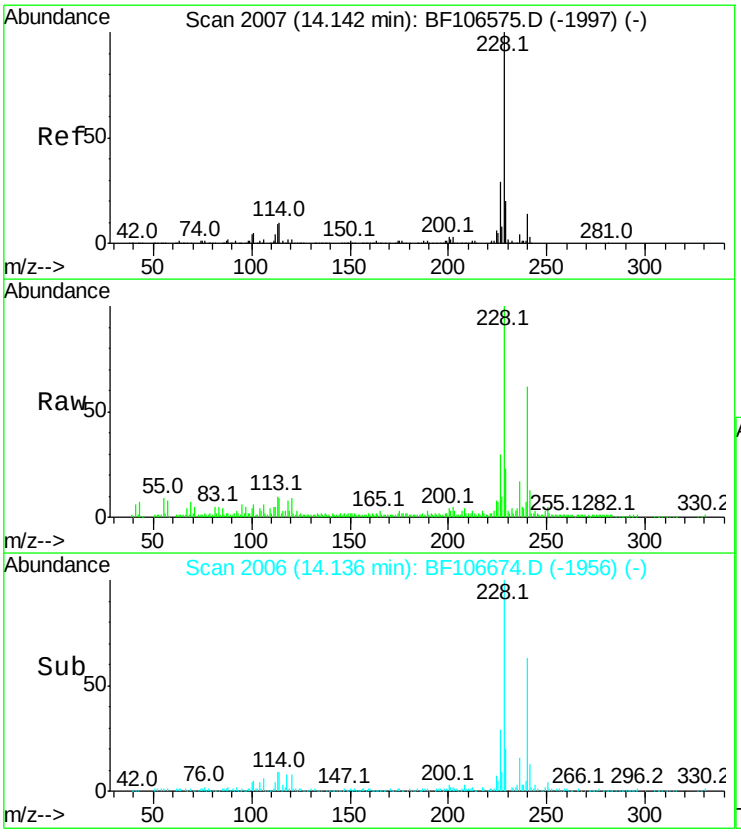
#78
Terphenyl-d14
Concen: 33.785 ng
RT: 13.08 min Scan# 1826
Delta R.T. -0.01 min
Lab File: BF106674.D
Acq: 21 Jun 2018 21:22

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 273515

Ion	Ratio	Lower	Upper
244	100		
212	6.2	5.4	8.0
122	8.1	11.0	16.4#

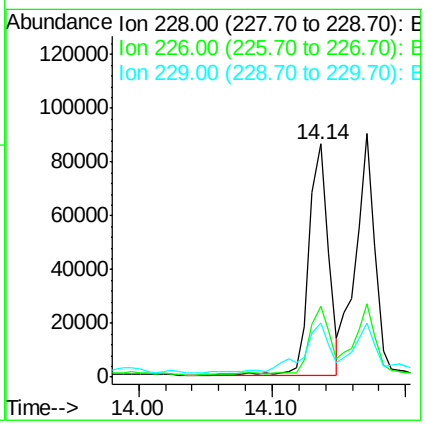


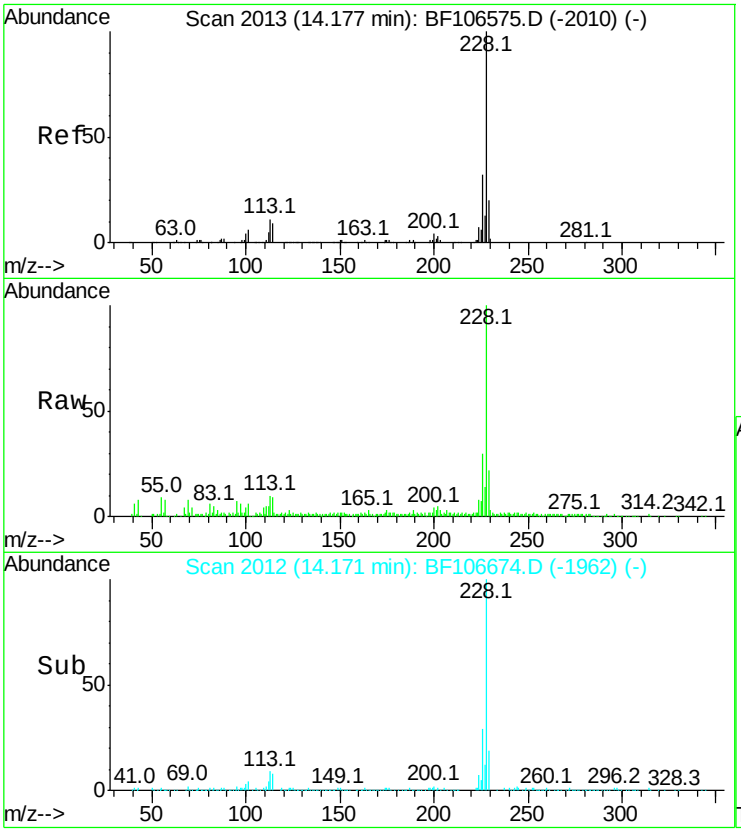


#80
Benzo(a)anthracene
Concen: 7.122 ng
RT: 14.14 min Scan# 2006
Delta R.T. -0.01 min
Lab File: BF106674.D
Acq: 21 Jun 2018 21:22

Tgt Ion:228 Resp: 85117

Ion	Ratio	Lower	Upper
228	100		
226	30.3	22.6	33.8
229	23.2	15.8	23.6



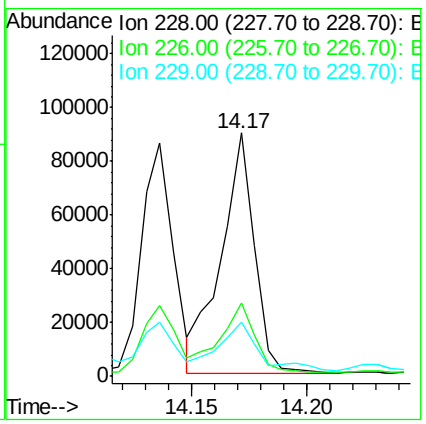


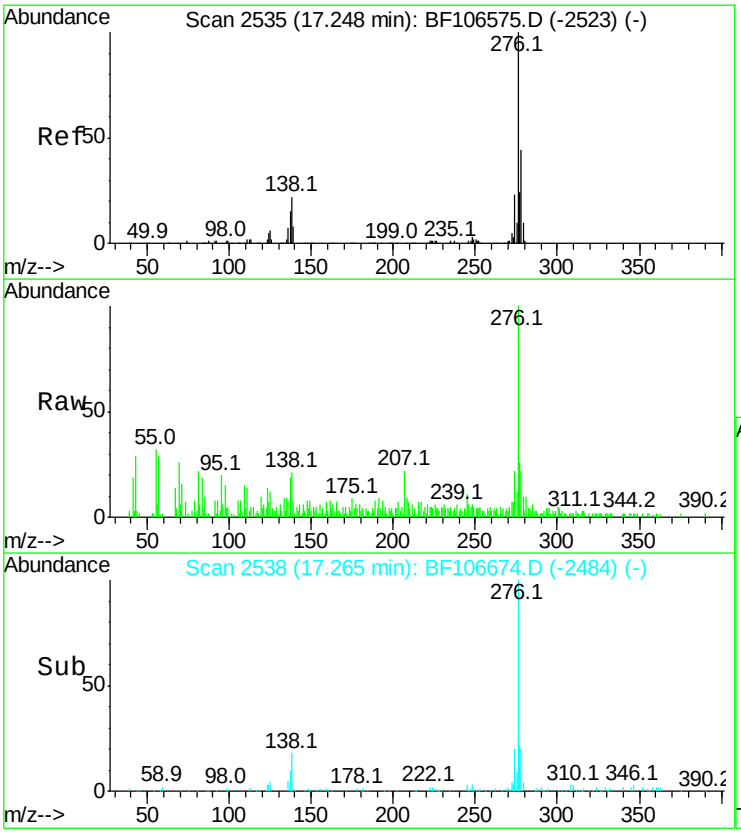
#82
Chrysene
Concen: 8.259 ng
RT: 14.17 min Scan# 2012
Delta R.T. -0.01 min
Lab File: BF106674.D
Acq: 21 Jun 2018 21:22

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 90815

Ion	Ratio	Lower	Upper
228	100		
226	30.3	25.0	37.6
229	22.4	16.2	24.4

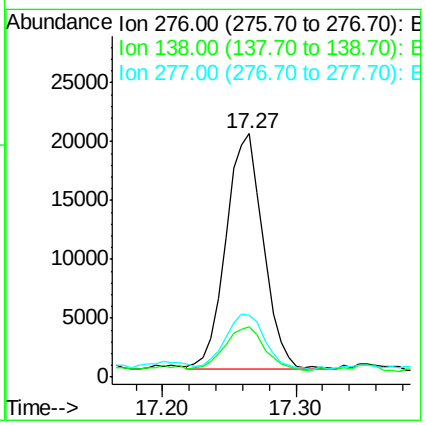


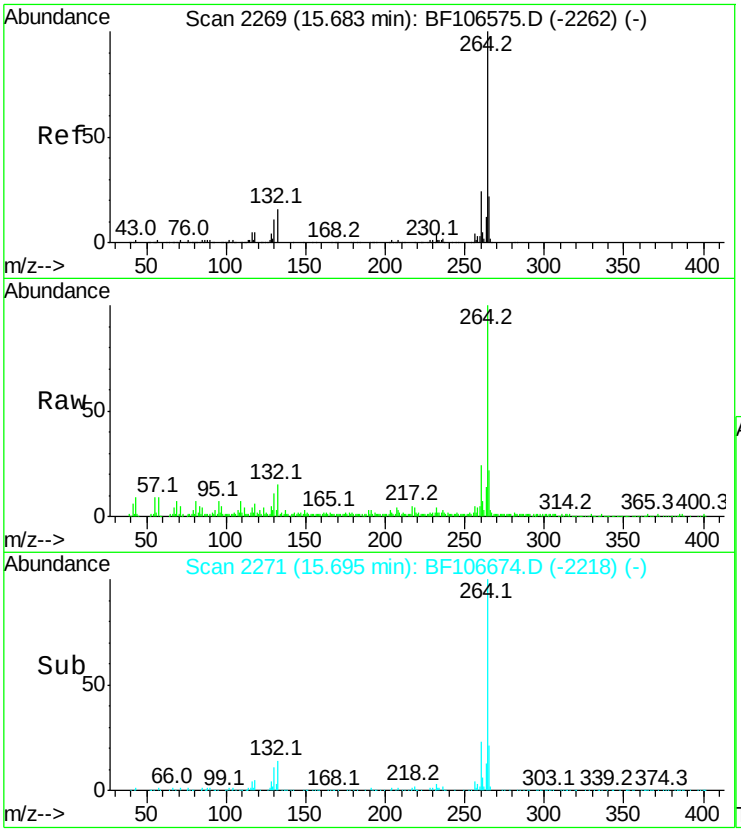


#85
Indeno(1,2,3-cd)pyrene
Concen: 4.145 ng
RT: 17.27 min Scan# 2538
Delta R.T. 0.02 min
Lab File: BF106674.D
Acq: 21 Jun 2018 21:22

Tgt Ion:276 Resp: 38674

Ion	Ratio	Lower	Upper
276	100		
138	20.3	25.0	37.6#
277	26.1	20.1	30.1



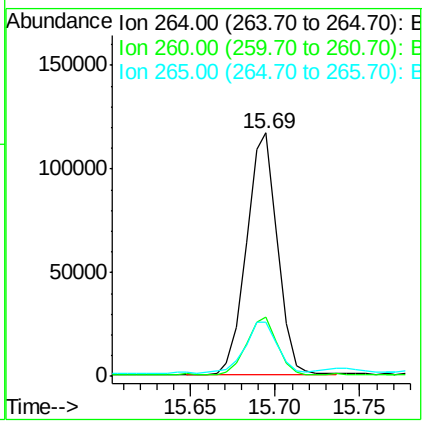


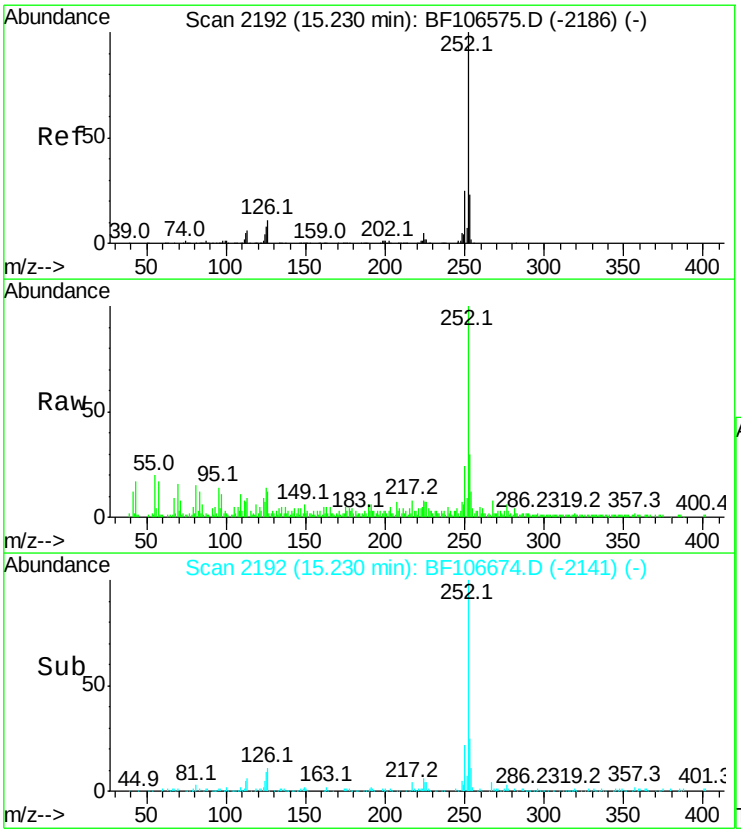
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.69 min Scan# 2271
Delta R.T. 0.01 min
Lab File: BF106674.D
Acq: 21 Jun 2018 21:22

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 148349

Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.2	28.8
265	22.3	17.5	26.3

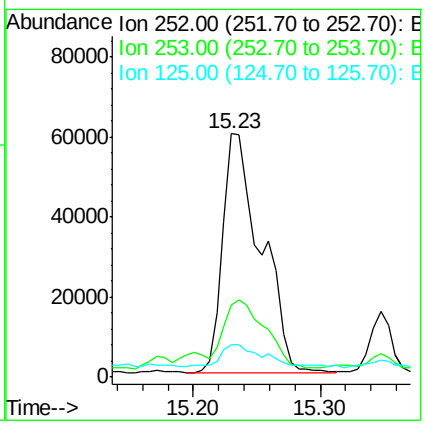


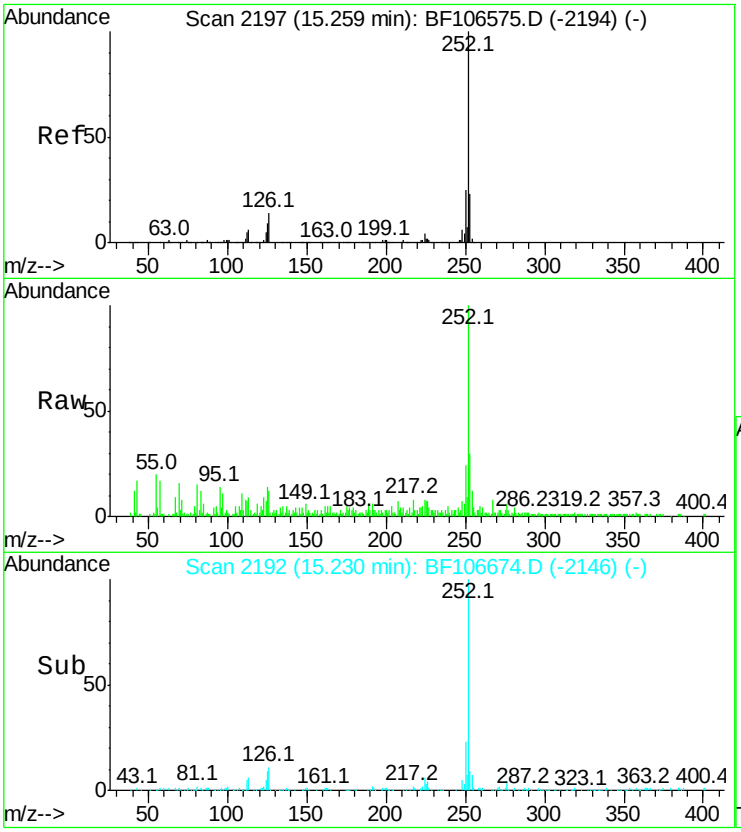


#87
Benzo(b)fluoranthene
Concen: 13.708 ng
RT: 15.23 min Scan# 2192
Delta R.T. 0.00 min
Lab File: BF106674.D
Acq: 21 Jun 2018 21:22

Tgt Ion:252 Resp: 126327

Ion	Ratio	Lower	Upper
252	100		
253	29.7	17.0	25.6#
125	13.5	9.0	13.6



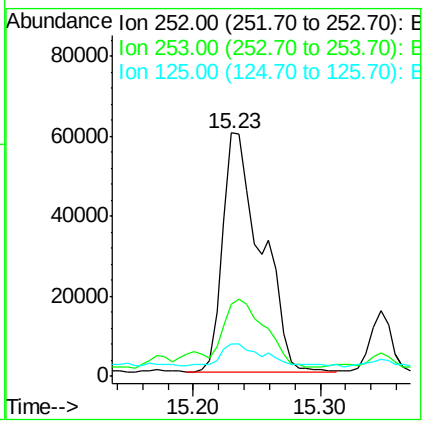


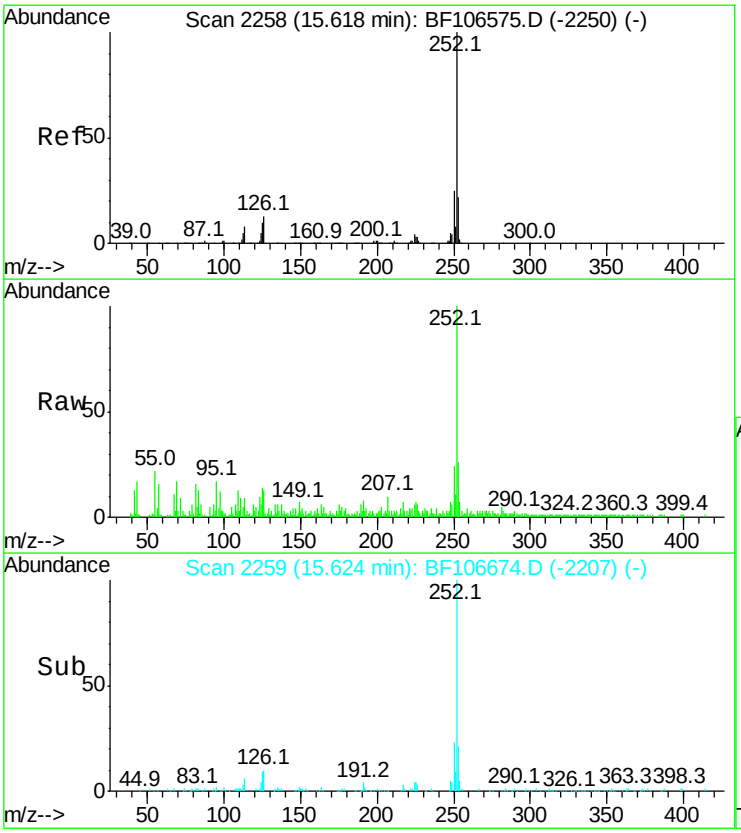
#88
Benzo(k)fluoranthene
Concen: 14.395 ng
RT: 15.23 min Scan# 2192
Delta R.T. -0.03 min
Lab File: BF106674.D
Acq: 21 Jun 2018 21:22

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 126327

Ion	Ratio	Lower	Upper
252	100		
253	29.7	17.9	26.9#
125	13.5	10.2	15.2

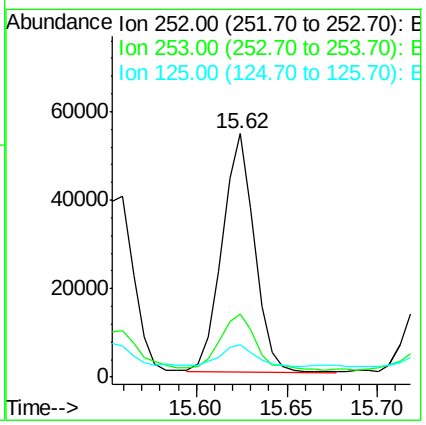


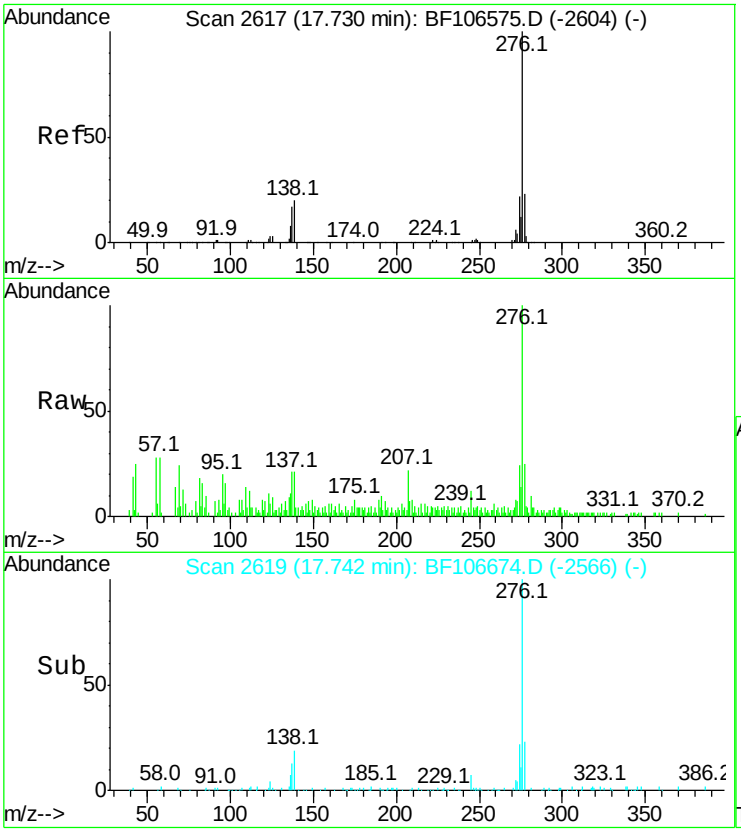


#89
Benzo(a)pyrene
Concen: 8.144 ng
RT: 15.62 min Scan# 2259
Delta R.T. 0.01 min
Lab File: BF106674.D
Acq: 21 Jun 2018 21:22

Tgt Ion:252 Resp: 66715

Ion	Ratio	Lower	Upper
252	100		
253	26.0	17.1	25.7#
125	13.6	9.8	14.6





#91
Benzo(g,h,i)perylene
Concen: 6.804 ng
RT: 17.74 min Scan# 2619
Delta R.T. 0.01 min
Lab File: BF106674.D
Acq: 21 Jun 2018 21:22

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 46174

Ion	Ratio	Lower	Upper
276	100		
277	25.4	17.9	26.9
138	20.9	21.8	32.8#