Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF070218\
Data File : BF107046.D
Acq On : 2 Jul 2018 16:04
Operator : JU/SJ
Sample : J3629-06
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : A0C10-01

Quant Time: Jul 02 17:24:31 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	6.95	152	63797	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	241978	20.00	ng	-0.01
38) Acenaphthene-d10	10.00	164	110055	20.00	ng	-0.01
63) Phenanthrene-d10	11.49	188	198503	20.00	ng	-0.01
75) Chrysene-d12	14.15	240	186061	20.00	ng	-0.02
86) Perylene-d12	15.70	264	132506	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	103021	27.34	ng	-0.01
7) Phenol-d6	6.60	99	123768	26.31	ng	-0.02
23) Nitrobenzene-d5	7.52	82	73941	16.98	ng	-0.02
41) 2,4,6-Tribromophenol	10.80	330	31038	24.33	ng	0.00
44) 2-Fluorobiphenyl	9.31	172	156164	11.21	ng	-0.02
78) Terphenyl-d14	13.07	244	167858	21.85	ng	-0.01
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	7.52	70	9568	3.085	ng	# 70
25) Isophorone	7.52	82	73940	9.637	ng	# 64
50) 2,6-Dinitrotoluene	10.00	165	14029	8.026	ng	# 24
56) 2,4-Dinitrotoluene	10.00	165	14029	6.149	ng	# 21
70) Phenanthrene	11.51	178	49921	5.214	ng	99
74) Fluoranthene	12.71	202	92425	8.758	ng	95
77) Pyrene	12.94	202	78877	6.429	ng	99
80) Benzo(a)anthracene	14.14	228	57208	5.045	ng	96
82) Chrysene	14.18	228	57603	5.521	ng	95
85) Indeno(1,2,3-cd)pyrene	17.29	276	36556	4.129	ng	# 87
87) Benzo(b)fluoranthene	15.24	252	106510	12.940	ng	# 92
88) Benzo(k)fluoranthene	15.24	252	106510	13.588	ng	# 92
89) Benzo(a)pyrene	15.64	252	59273	8.100	ng	95
91) Benzo(g,h,i)perylene	17.78	276	38928	6.422	ng	# 88

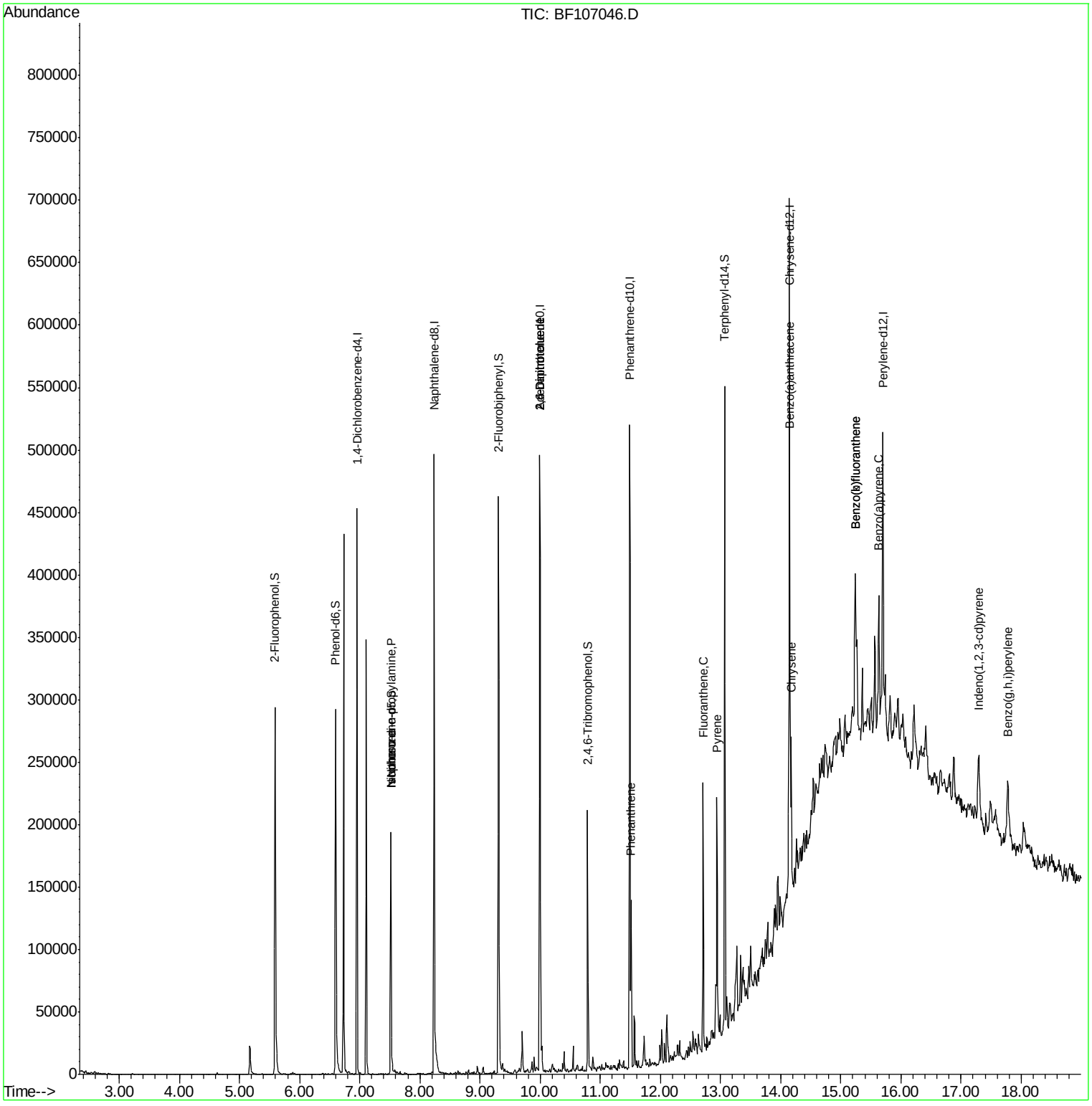
(#) = qualifier out of range (m) = manual integration (+) = signals summed

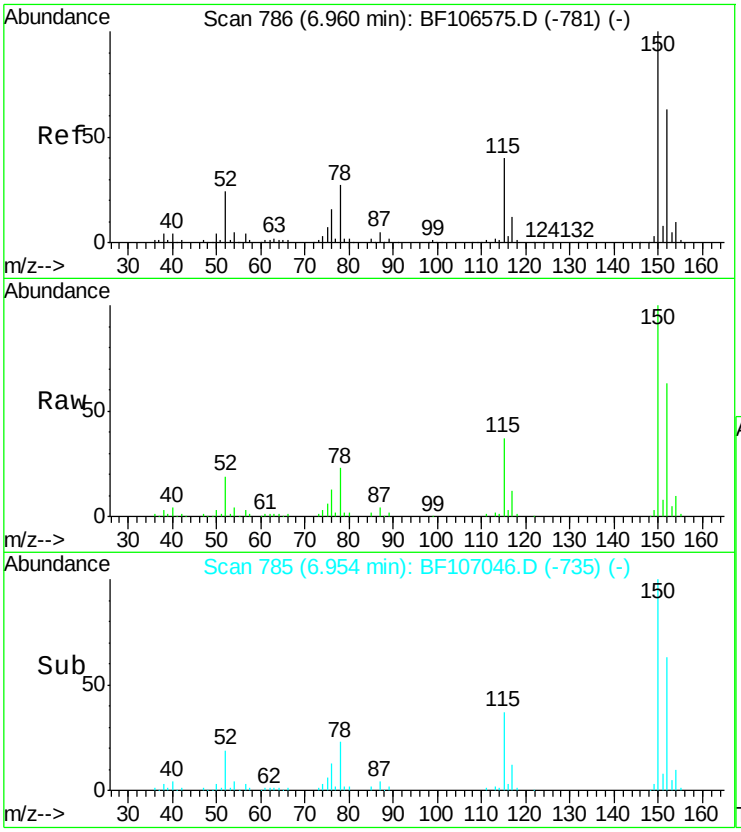
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF070218\
Data File : BF107046.D
Acq On : 2 Jul 2018 16:04
Operator : JU/SJ
Sample : J3629-06
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
A0C10-01

Quant Time: Jul 02 17:24:31 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



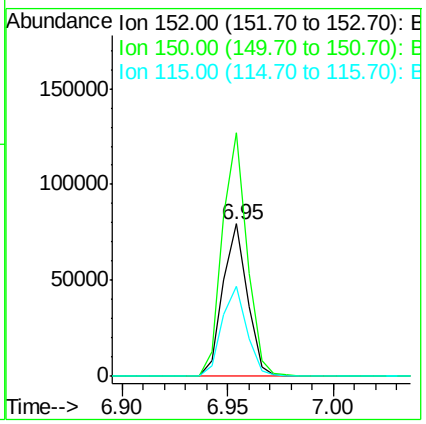


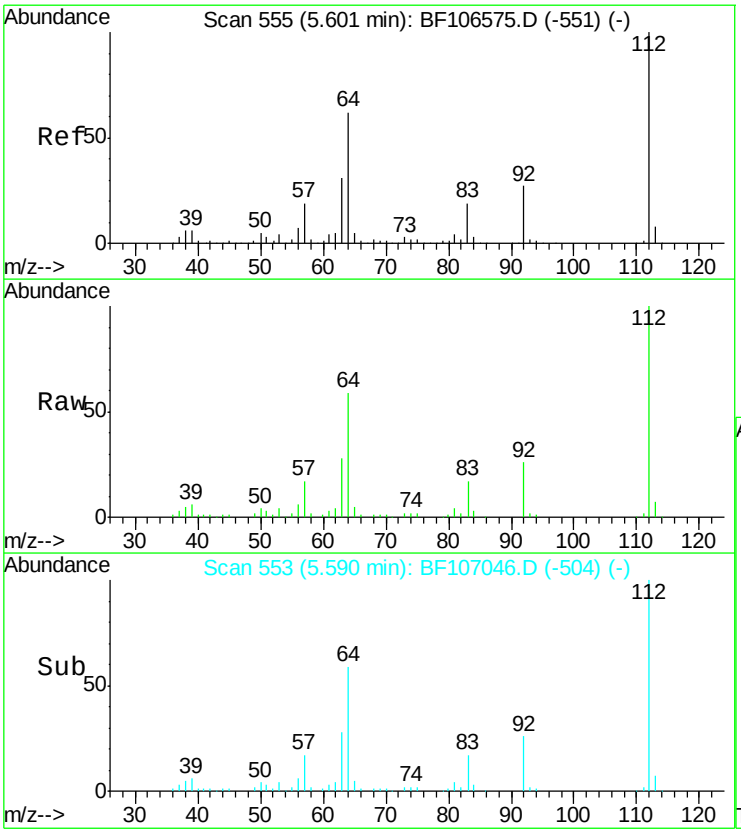
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF107046.D
Acq: 2 Jul 2018 16:04

Instrument :
BNA_F
ClientSampleId :
A0C10-01

Tgt Ion:152 Resp: 63797

Ion	Ratio	Lower	Upper
152	100		
150	160.0	124.6	186.8
115	59.3	50.1	75.1

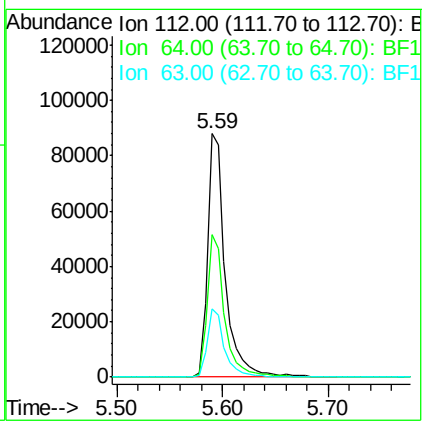


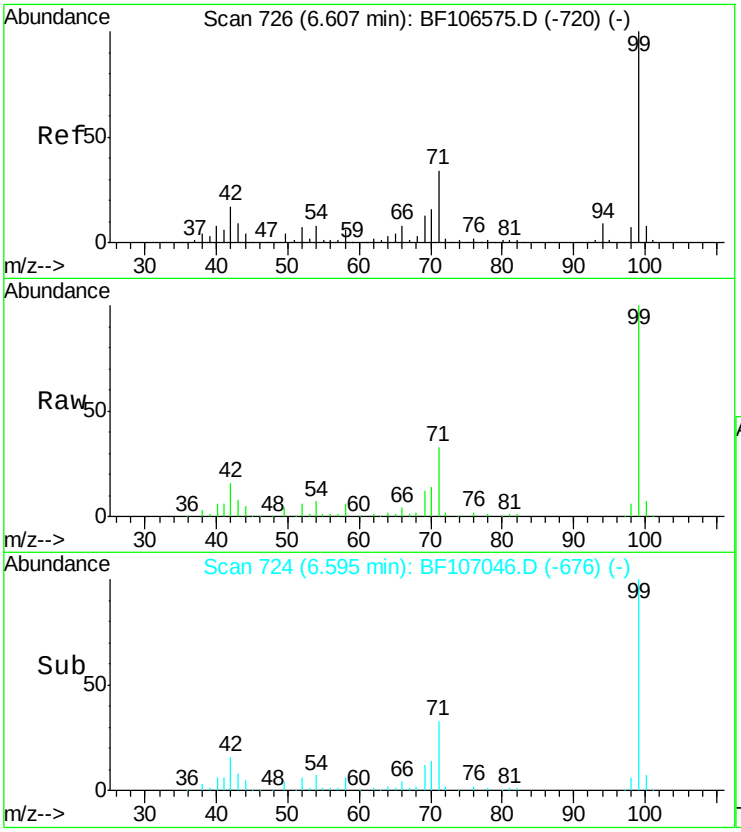


#5
2-Fluorophenol
Concen: 27.344 ng
RT: 5.59 min Scan# 553
Delta R.T. -0.01 min
Lab File: BF107046.D
Acq: 2 Jul 2018 16:04

Tgt Ion:112 Resp: 103021

Ion	Ratio	Lower	Upper
112	100		
64	58.6	47.9	71.9
63	28.1	23.7	35.5



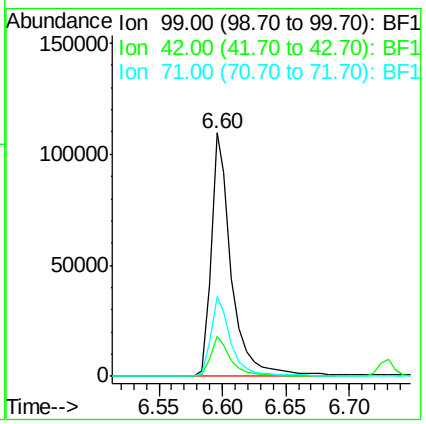


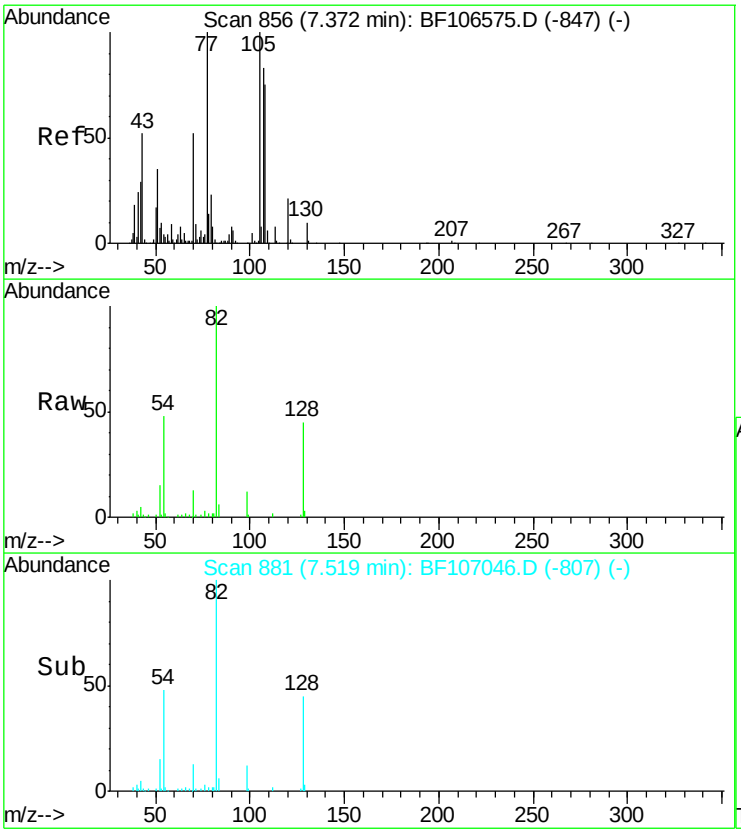
#7
Phenol-d6
Concen: 26.306 ng
RT: 6.60 min Scan# 724
Delta R.T. -0.02 min
Lab File: BF107046.D
Acq: 2 Jul 2018 16:04

Instrument :
BNA_F
ClientSampleId :
A0C10-01

Tgt Ion: 99 Resp: 123768

Ion	Ratio	Lower	Upper
99	100		
42	16.3	14.5	21.7
71	33.0	25.4	38.0

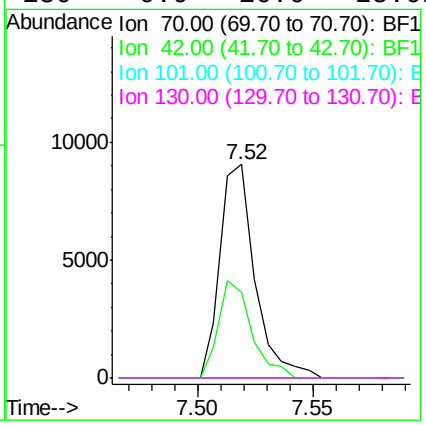


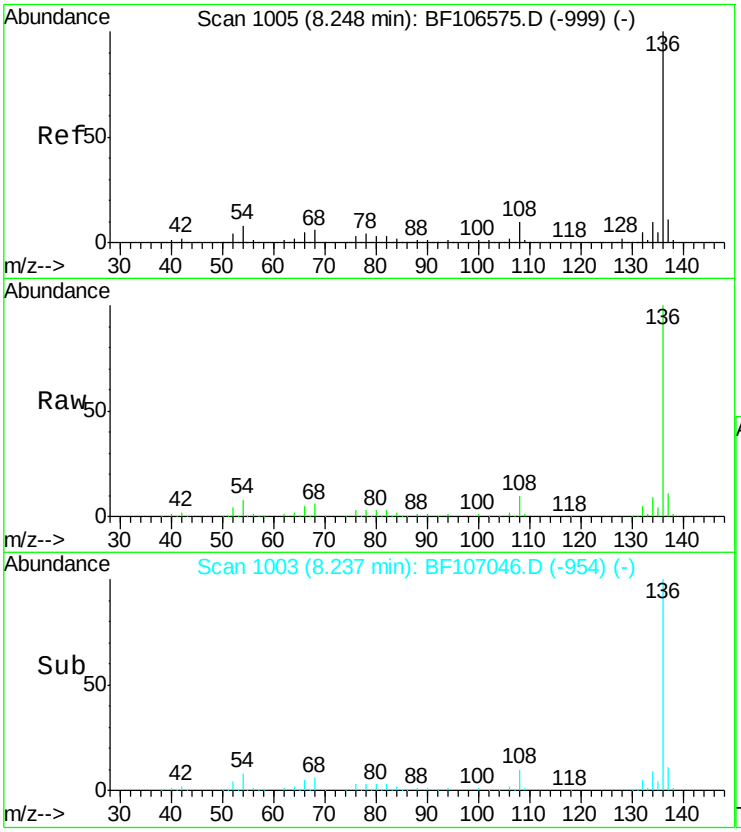


#19
n-Nitroso-di-n-propylamine
Concen: 3.085 ng
RT: 7.52 min Scan# 881
Delta R.T. 0.14 min
Lab File: BF107046.D
Acq: 2 Jul 2018 16:04

Tgt Ion: 70 Resp: 9568

Ion	Ratio	Lower	Upper
70	100		
42	40.1	47.5	71.3#
101	0.0	7.4	11.2#
130	0.0	16.6	25.0#



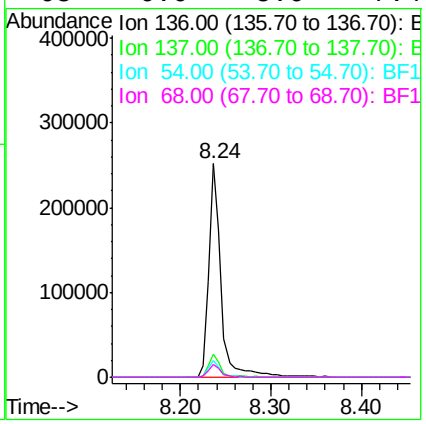


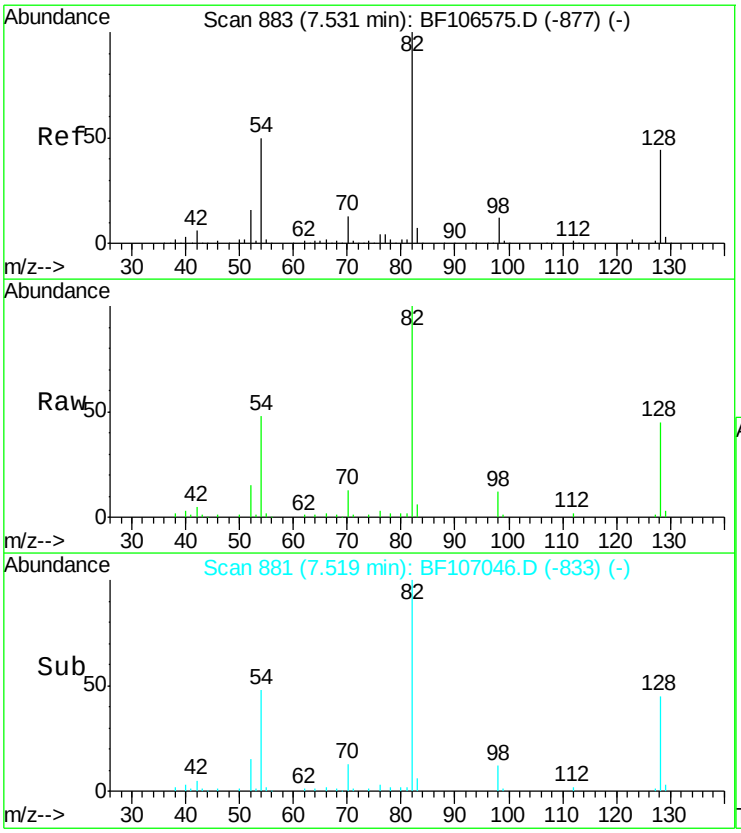
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BF107046.D
Acq: 2 Jul 2018 16:04

Instrument :
BNA_F
ClientSampleId :
A0C10-01

Tgt Ion:136 Resp: 241978

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.9	13.3
54	7.9	6.6	9.8
68	6.0	5.0	7.4

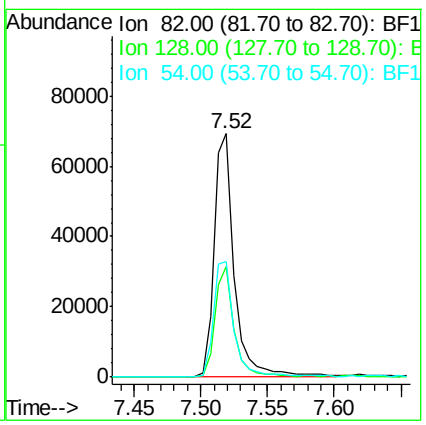


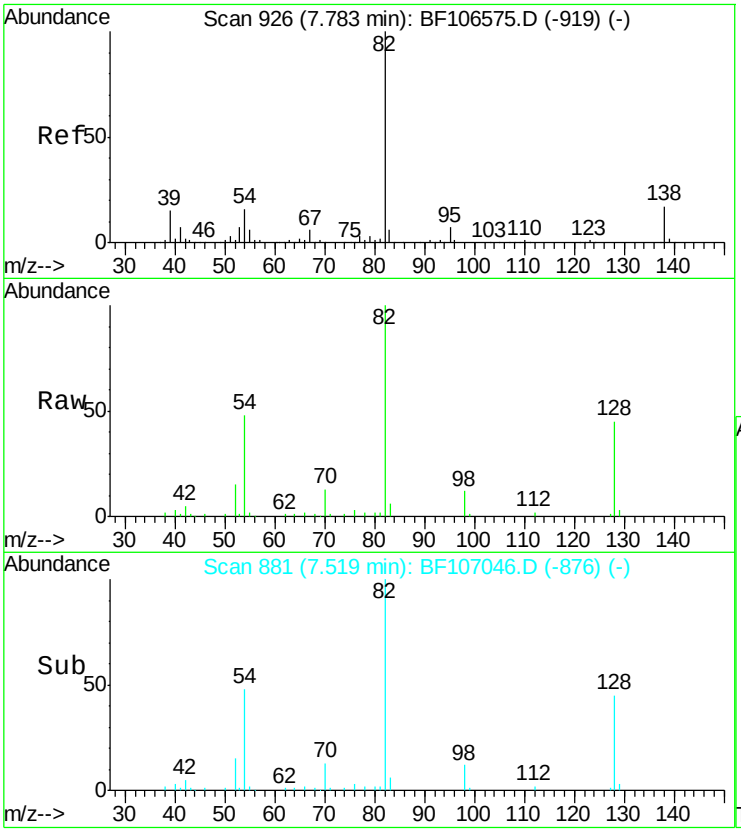


#23
Nitrobenzene-d5
Concen: 16.982 ng
RT: 7.52 min Scan# 881
Delta R.T. -0.02 min
Lab File: BF107046.D
Acq: 2 Jul 2018 16:04

Tgt Ion: 82 Resp: 73941

Ion	Ratio	Lower	Upper
82	100		
128	45.2	36.1	54.1
54	47.5	41.4	62.2



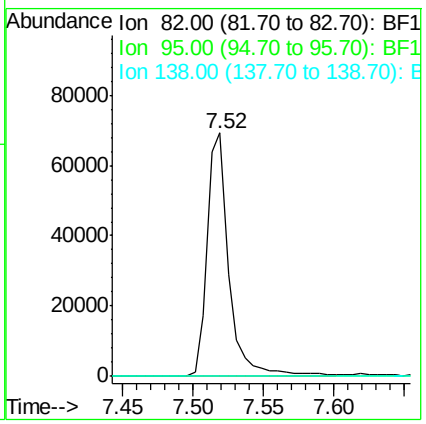


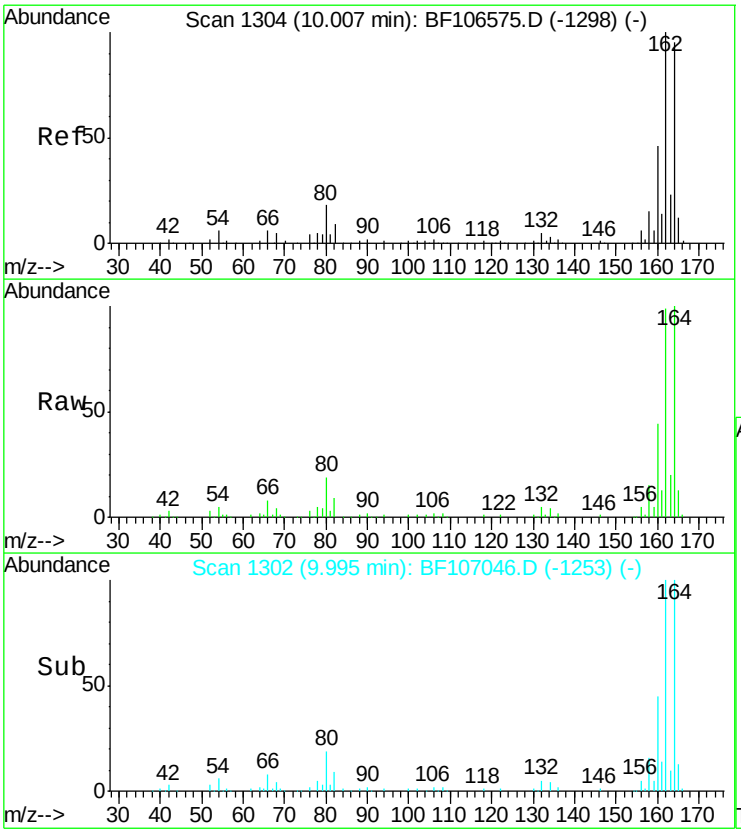
#25
Isophorone
Concen: 9.637 ng
RT: 7.52 min Scan# 881
Delta R.T. -0.27 min
Lab File: BF107046.D
Acq: 2 Jul 2018 16:04

Instrument :
BNA_F
ClientSampleId :
A0C10-01

Tgt Ion: 82 Resp: 73940

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

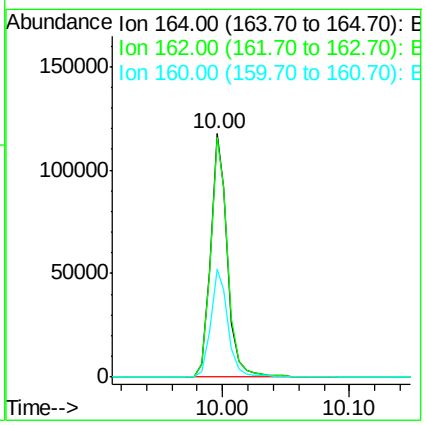


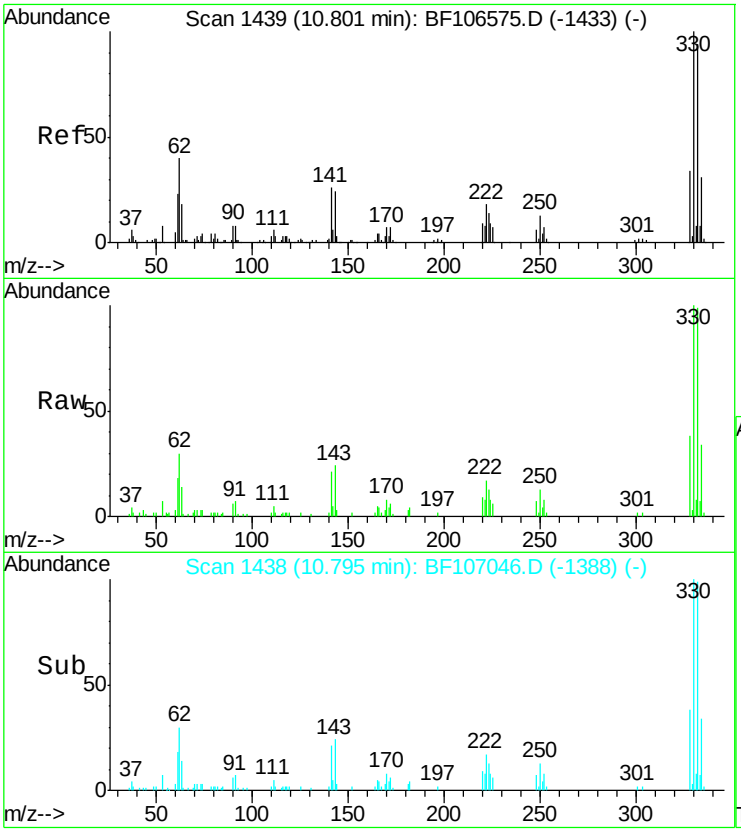


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.00 min Scan# 1302
Delta R.T. -0.01 min
Lab File: BF107046.D
Acq: 2 Jul 2018 16:04

Tgt Ion:164 Resp: 110055

Ion	Ratio	Lower	Upper
164	100		
162	98.7	86.1	129.1
160	44.1	38.3	57.5



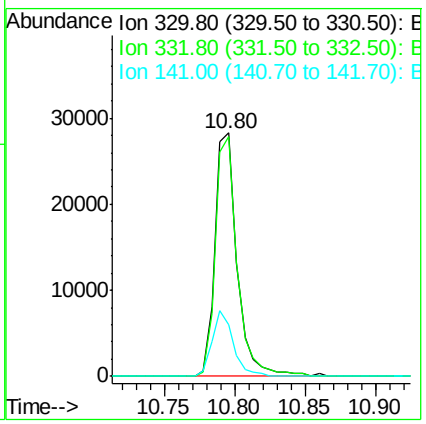


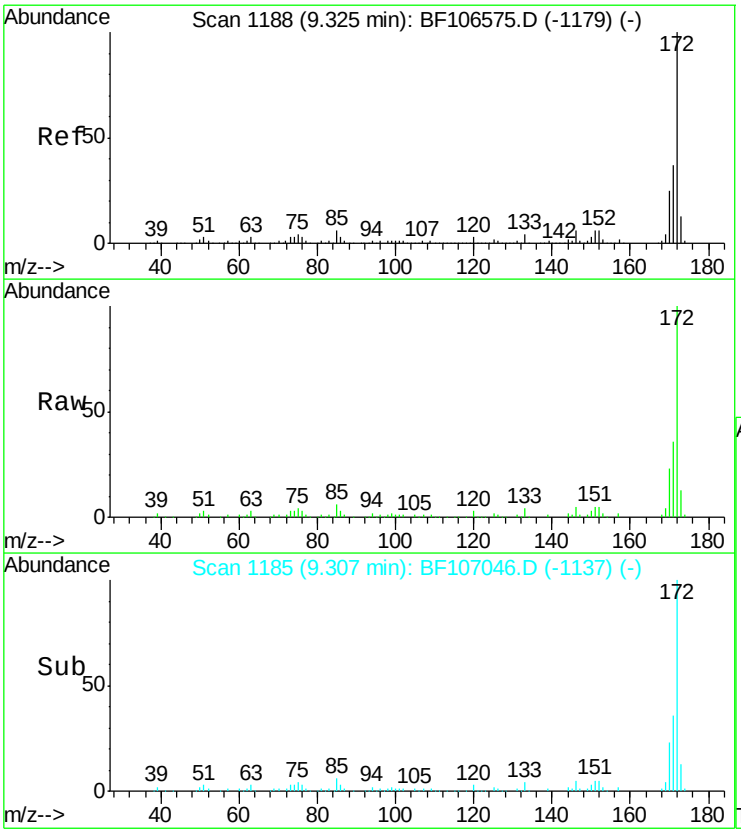
#41
2,4,6-Tribromophenol
Concen: 24.333 ng
RT: 10.80 min Scan# 1438
Delta R.T. -0.01 min
Lab File: BF107046.D
Acq: 2 Jul 2018 16:04

Instrument :
BNA_F
ClientSampleId :
A0C10-01

Tgt Ion:330 Resp: 31038

Ion	Ratio	Lower	Upper
330	100		
332	97.0	77.0	115.6
141	25.5	29.9	44.9#

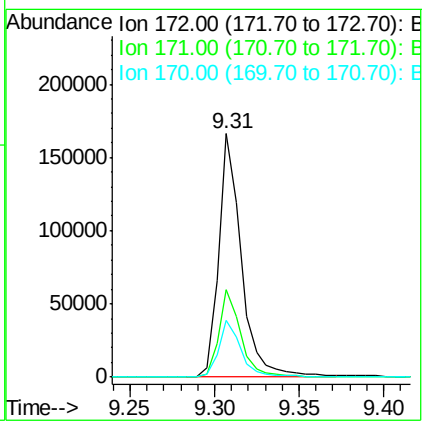


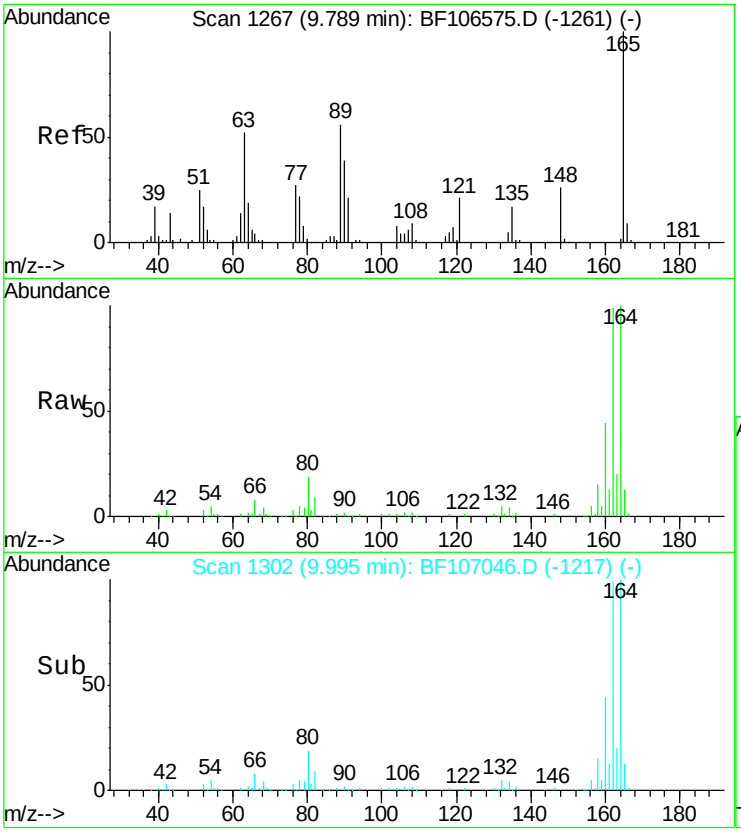


#44
2-Fluorobiphenyl
Concen: 11.212 ng
RT: 9.31 min Scan# 1185
Delta R.T. -0.02 min
Lab File: BF107046.D
Acq: 2 Jul 2018 16:04

Tgt Ion:172 Resp: 156164

Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.7	44.5
170	23.1	19.6	29.4



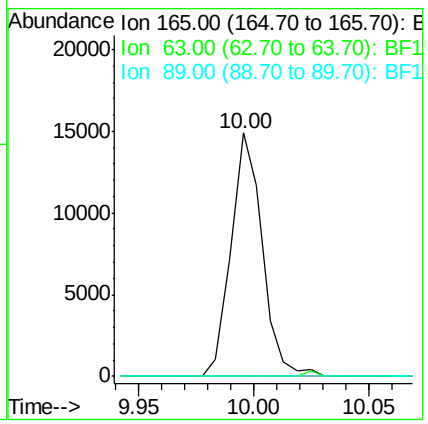


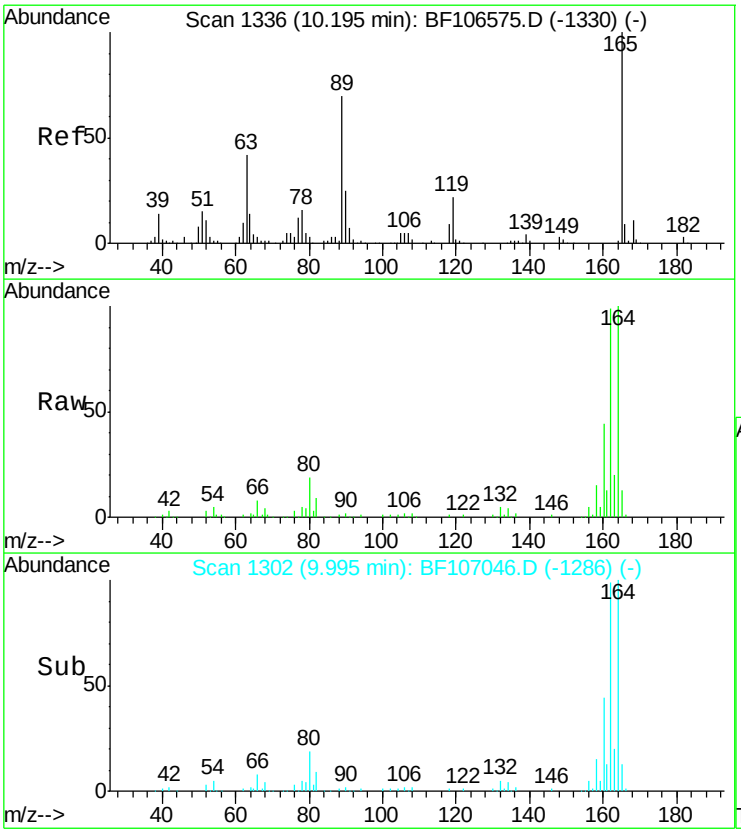
#50
2,6-Dinitrotoluene
Concen: 8.026 ng
RT: 10.00 min Scan# 1302
Delta R.T. 0.20 min
Lab File: BF107046.D
Acq: 2 Jul 2018 16:04

Instrument :
BNA_F
ClientSampleId :
A0C10-01

Tgt Ion:165 Resp: 14029

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

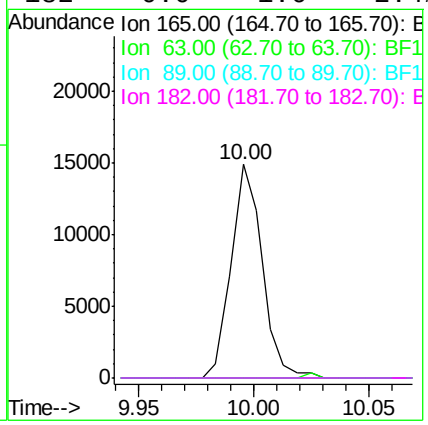


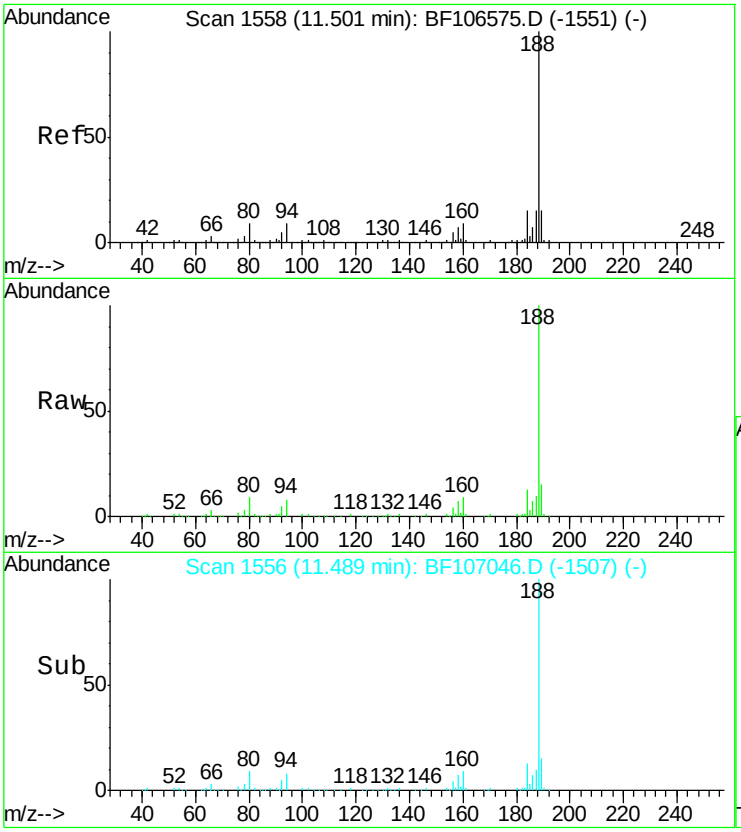


#56
2,4-Dinitrotoluene
Concen: 6.149 ng
RT: 10.00 min Scan# 1302
Delta R.T. -0.21 min
Lab File: BF107046.D
Acq: 2 Jul 2018 16:04

Tgt Ion:165 Resp: 14029

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#



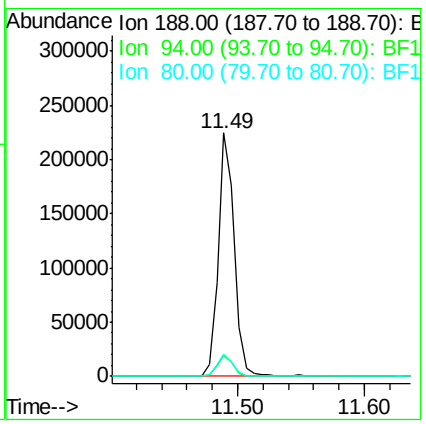


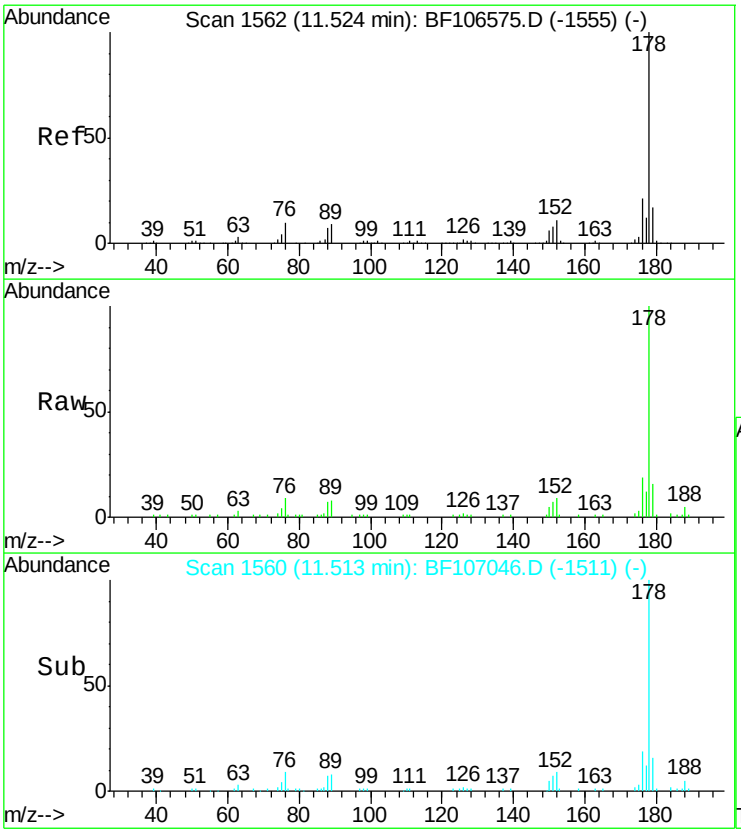
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.49 min Scan# 1556
Delta R.T. -0.01 min
Lab File: BF107046.D
Acq: 2 Jul 2018 16:04

Instrument :
BNA_F
ClientSampleId :
A0C10-01

Tgt Ion:188 Resp: 198503

Ion	Ratio	Lower	Upper
188	100		
94	8.4	8.5	12.7#
80	9.3	9.2	13.8

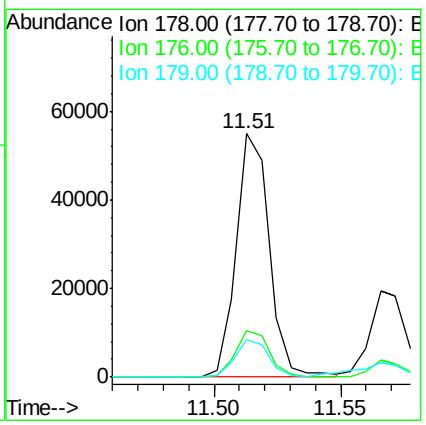


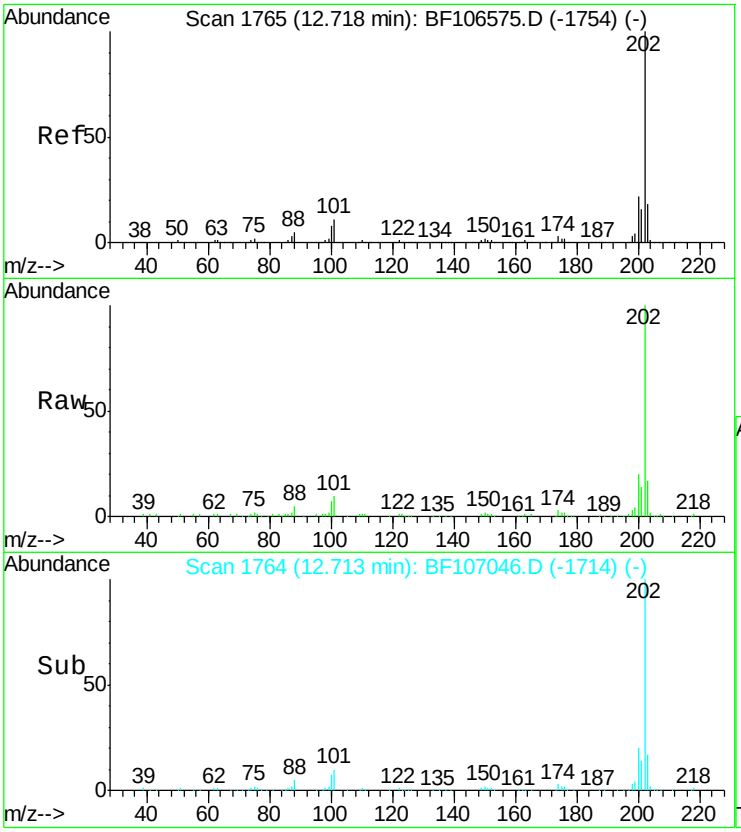


#70
Phenanthrene
Concen: 5.214 ng
RT: 11.51 min Scan# 1560
Delta R.T. -0.01 min
Lab File: BF107046.D
Acq: 2 Jul 2018 16:04

Tgt Ion:178 Resp: 49921

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.8	23.8
179	15.6	13.0	19.6



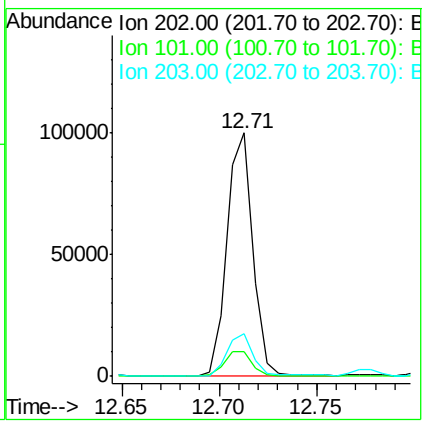


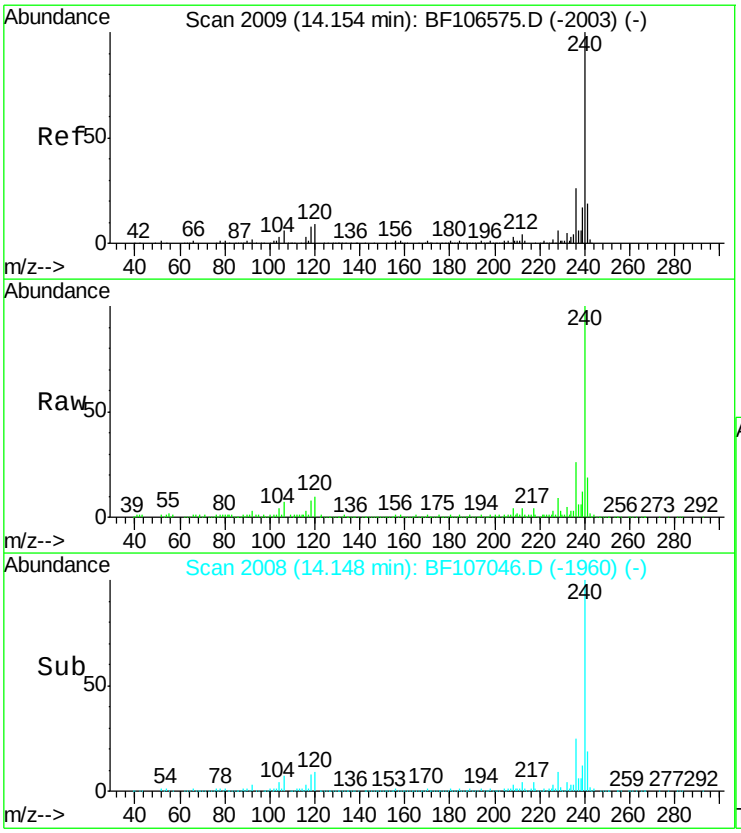
#74
Fluoranthene
Concen: 8.758 ng
RT: 12.71 min Scan# 1764
Delta R.T. -0.01 min
Lab File: BF107046.D
Acq: 2 Jul 2018 16:04

Instrument :
BNA_F
ClientSampleId :
A0C10-01

Tgt Ion:202 Resp: 92425

Ion	Ratio	Lower	Upper
202	100		
101	10.2	0.0	34.1
203	17.3	0.0	38.1

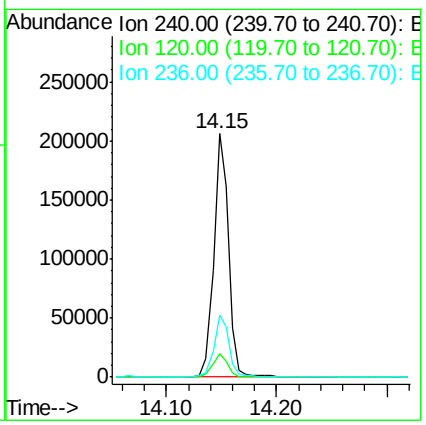


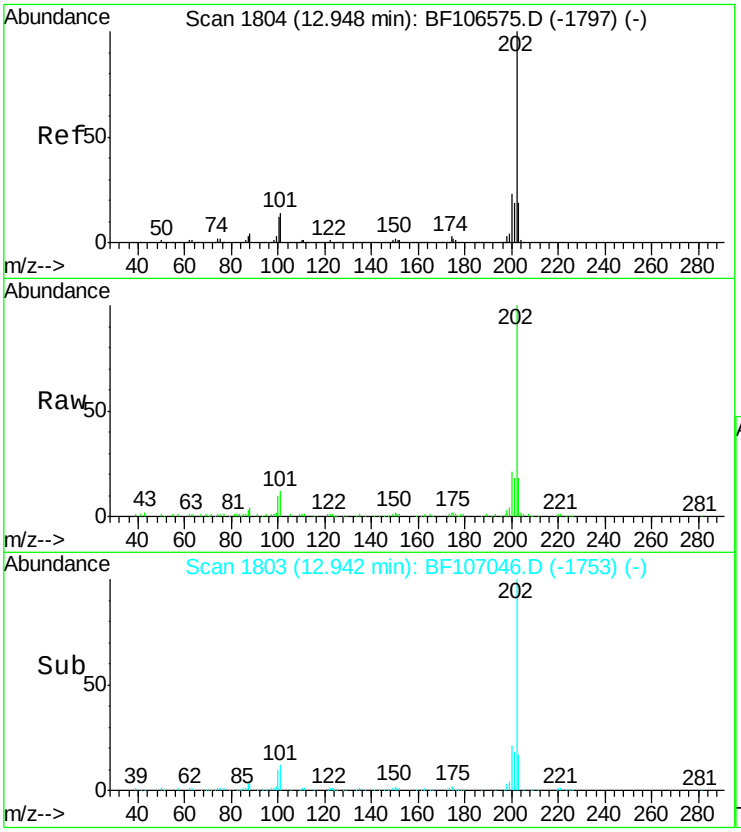


#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.15 min Scan# 2008
Delta R.T. -0.02 min
Lab File: BF107046.D
Acq: 2 Jul 2018 16:04

Tgt Ion:240 Resp: 186061

Ion	Ratio	Lower	Upper
240	100		
120	9.5	9.5	14.3#
236	25.6	20.7	31.1



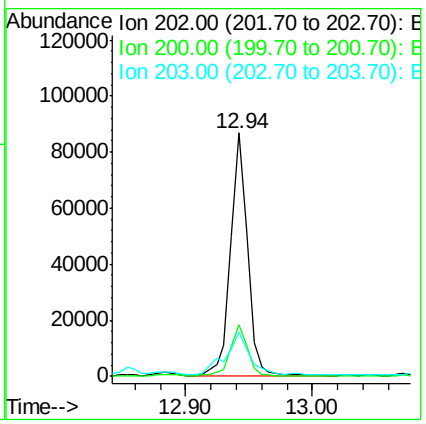


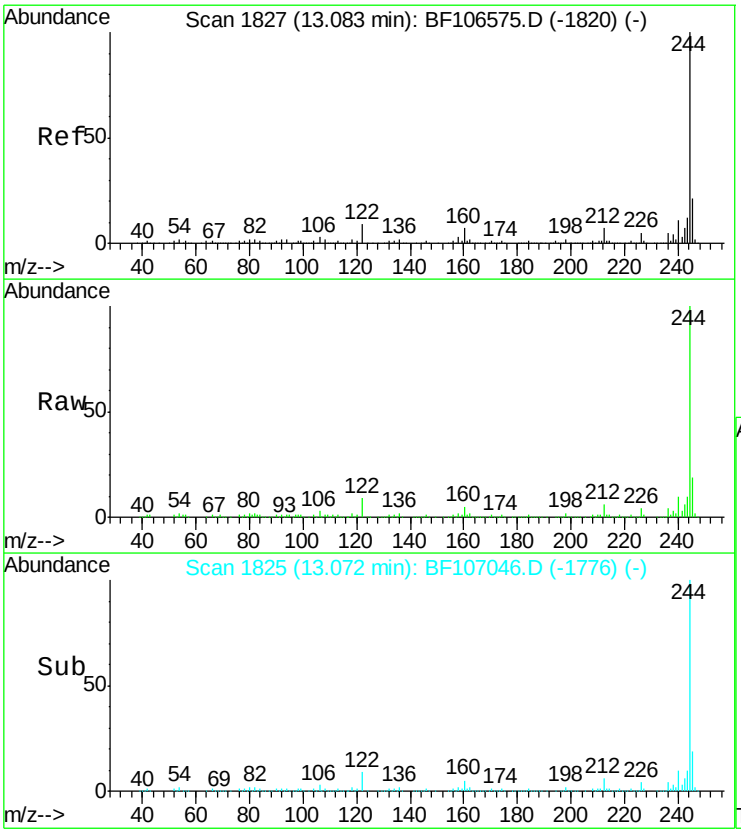
#77
Pyrene
Concen: 6.429 ng
RT: 12.94 min Scan# 1803
Delta R.T. -0.01 min
Lab File: BF107046.D
Acq: 2 Jul 2018 16:04

Instrument :
BNA_F
ClientSampleId :
A0C10-01

Tgt Ion:202 Resp: 78877

Ion	Ratio	Lower	Upper
202	100		
200	21.3	17.4	26.2
203	18.1	14.3	21.5

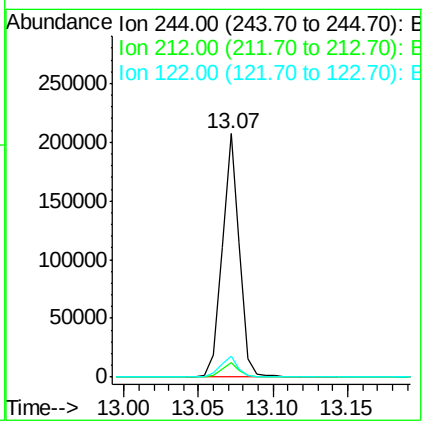


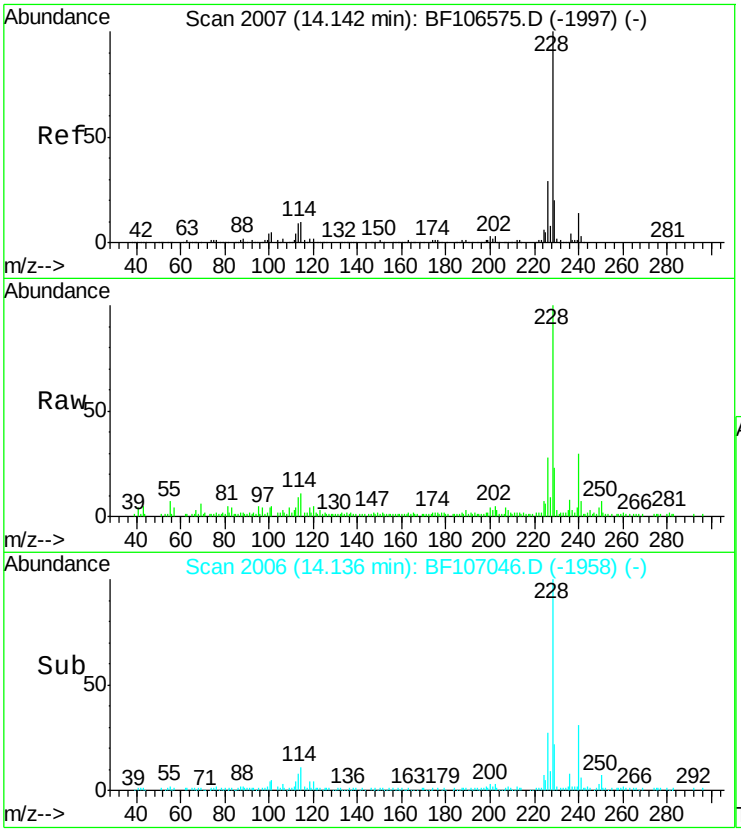


#78
Terphenyl-d14
Concen: 21.853 ng
RT: 13.07 min Scan# 1825
Delta R.T. -0.01 min
Lab File: BF107046.D
Acq: 2 Jul 2018 16:04

Tgt Ion:244 Resp: 167858

Ion	Ratio	Lower	Upper
244	100		
212	6.0	5.4	8.0
122	8.6	11.0	16.4#



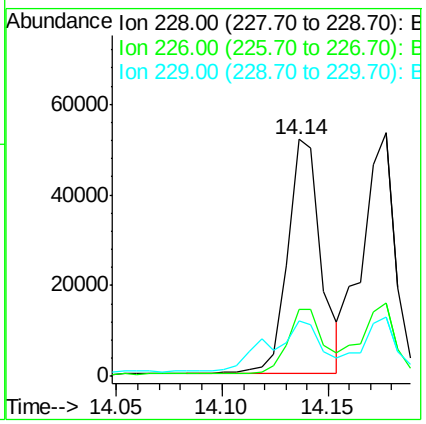


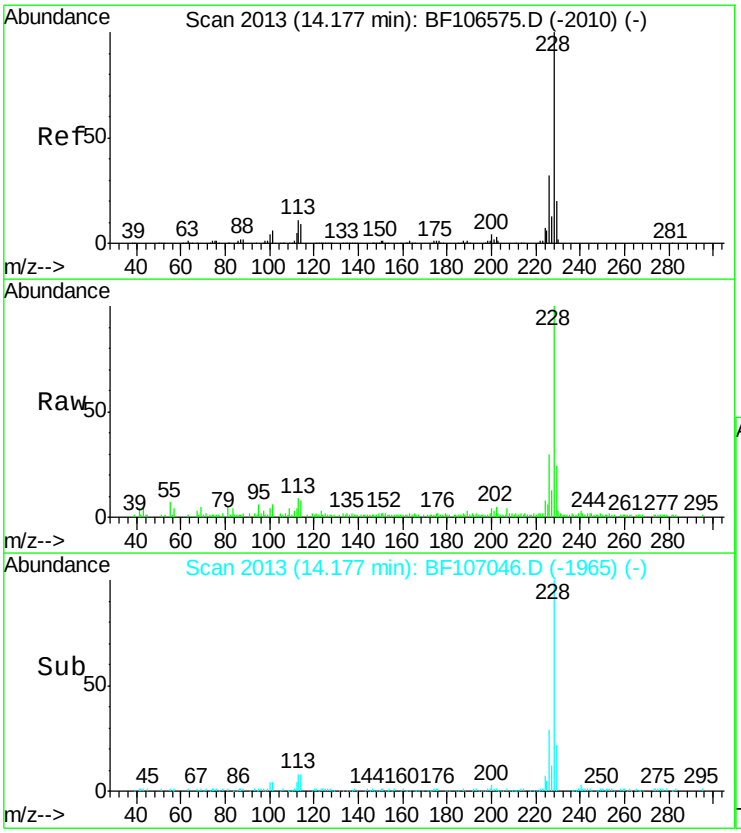
#80
Benzo(a)anthracene
Concen: 5.045 ng
RT: 14.14 min Scan# 2006
Delta R.T. -0.02 min
Lab File: BF107046.D
Acq: 2 Jul 2018 16:04

Instrument :
BNA_F
ClientSampleId :
A0C10-01

Tgt Ion:228 Resp: 57208

Ion	Ratio	Lower	Upper
228	100		
226	28.4	22.6	33.8
229	23.4	15.8	23.6

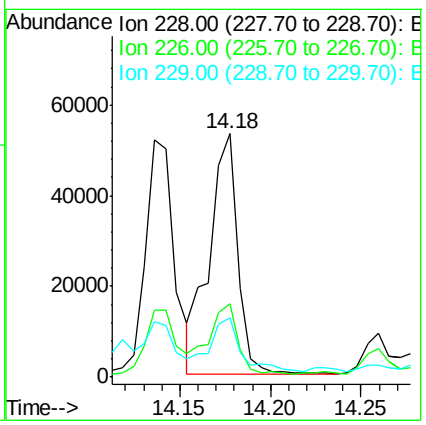


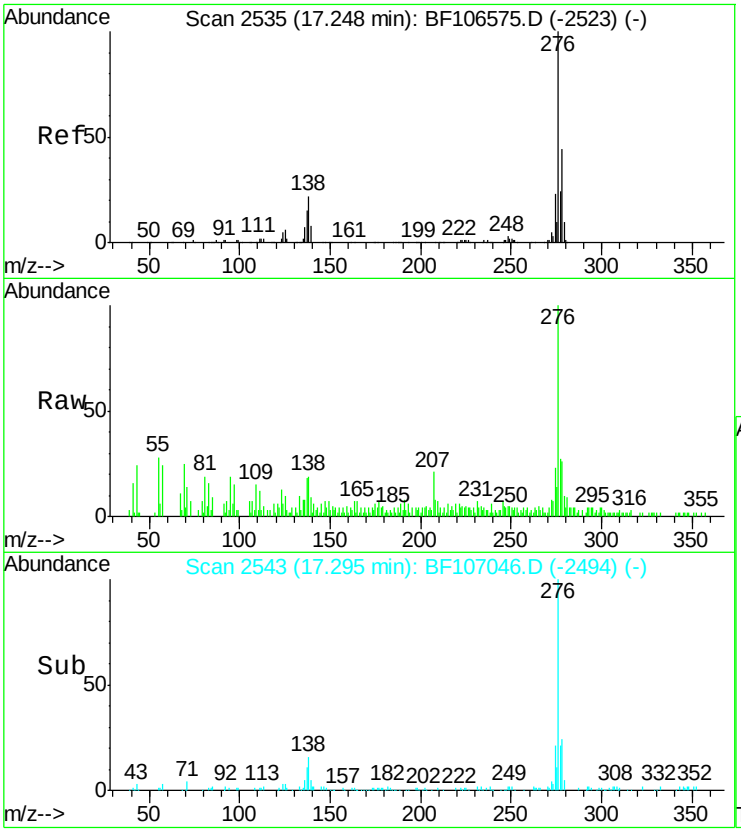


#82
Chrysene
Concen: 5.521 ng
RT: 14.18 min Scan# 2013
Delta R.T. -0.02 min
Lab File: BF107046.D
Acq: 2 Jul 2018 16:04

Tgt Ion:228 Resp: 57603

Ion	Ratio	Lower	Upper
228	100		
226	30.2	25.0	37.6
229	24.3	16.2	24.4



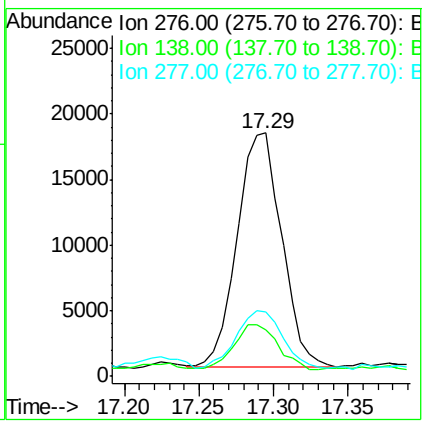


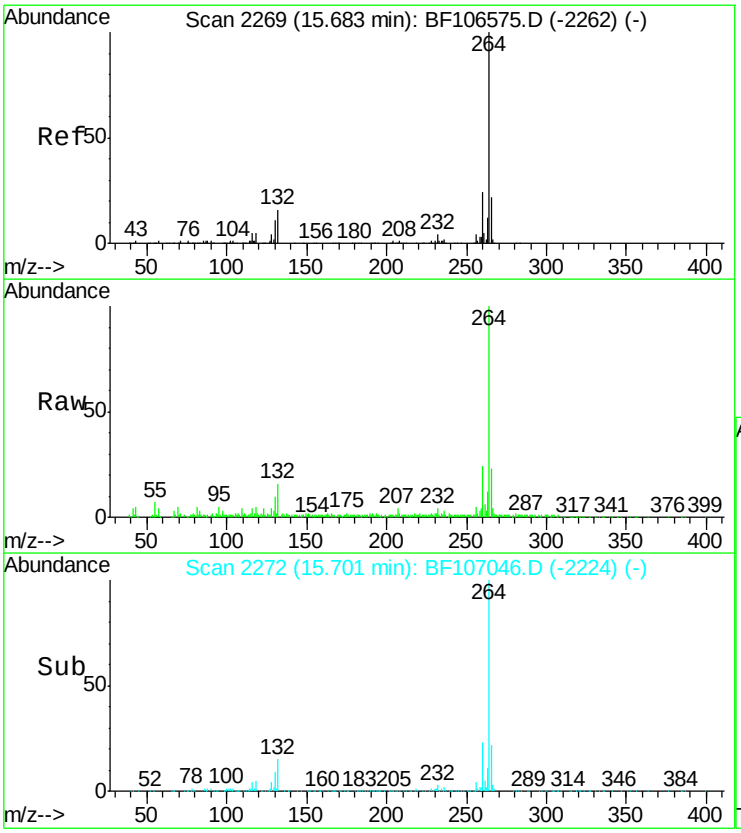
#85
Indeno(1,2,3-cd)pyrene
Concen: 4.129 ng
RT: 17.29 min Scan# 2543
Delta R.T. -0.01 min
Lab File: BF107046.D
Acq: 2 Jul 2018 16:04

Instrument :
BNA_F
ClientSampleId :
A0C10-01

Tgt Ion:276 Resp: 36556

Ion	Ratio	Lower	Upper
276	100		
138	18.8	25.0	37.6#
277	25.6	20.1	30.1

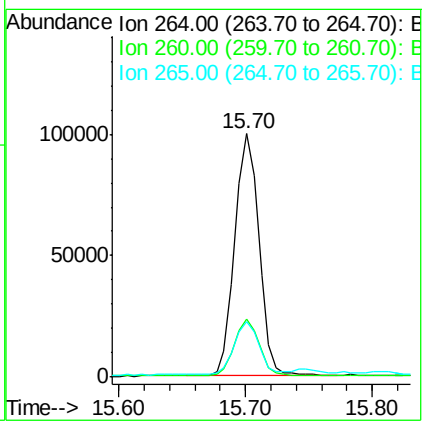


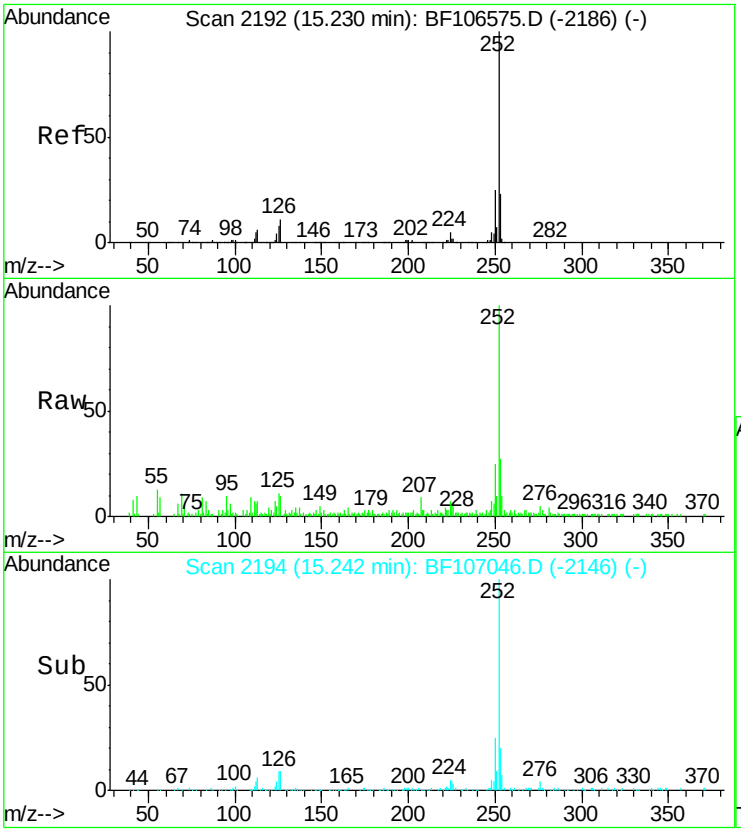


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.70 min Scan# 2272
Delta R.T. -0.02 min
Lab File: BF107046.D
Acq: 2 Jul 2018 16:04

Tgt Ion:264 Resp: 132506

Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.2	28.8
265	22.7	17.5	26.3



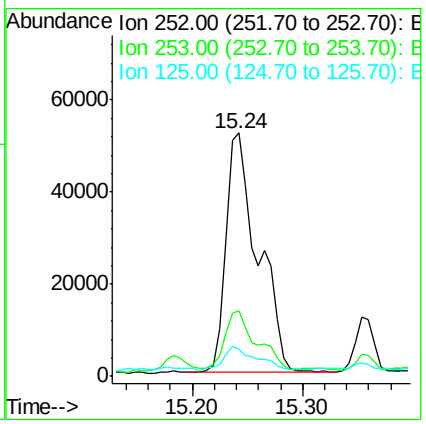


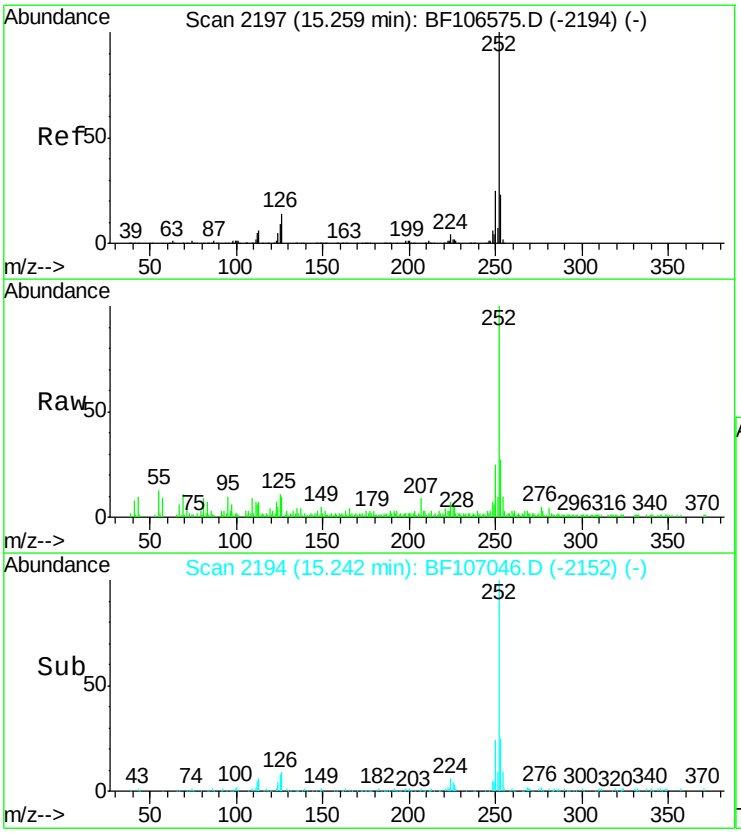
#87
Benzo(b)fluoranthene
Concen: 12.940 ng
RT: 15.24 min Scan# 2194
Delta R.T. -0.02 min
Lab File: BF107046.D
Acq: 2 Jul 2018 16:04

Instrument :
BNA_F
ClientSampleId :
A0C10-01

Tgt Ion:252 Resp: 106510

Ion	Ratio	Lower	Upper
252	100		
253	27.2	17.0	25.6#
125	11.4	9.0	13.6

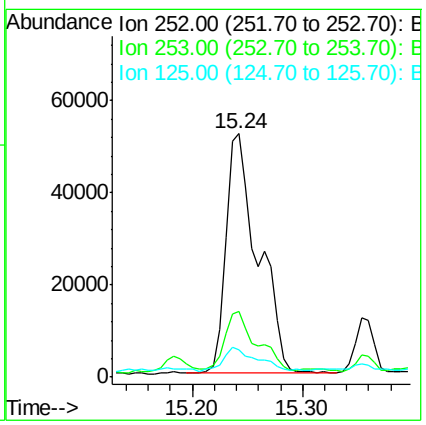


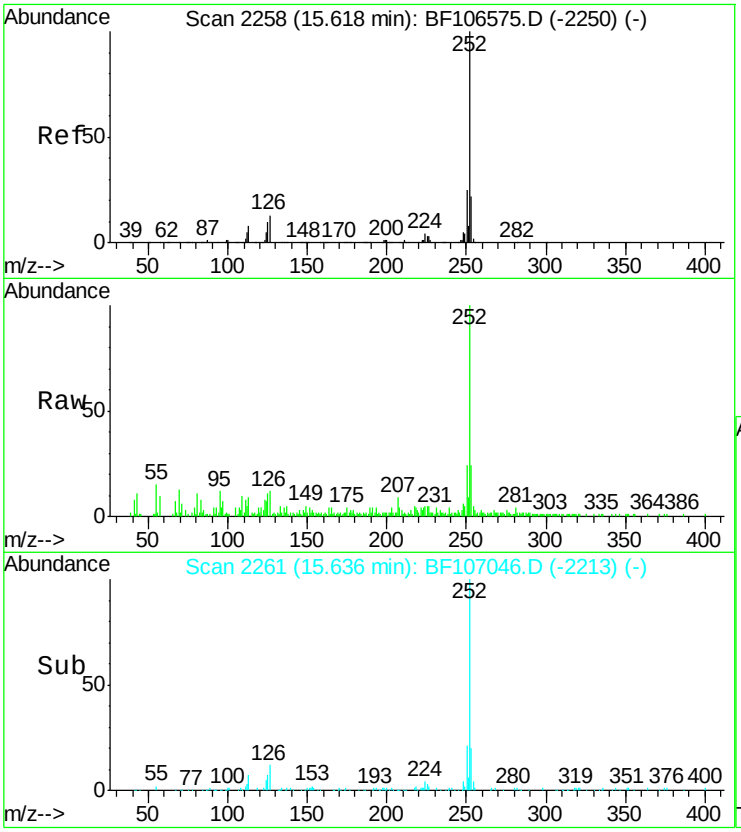


#88
Benzo(k)fluoranthene
Concen: 13.588 ng
RT: 15.24 min Scan# 2194
Delta R.T. -0.05 min
Lab File: BF107046.D
Acq: 2 Jul 2018 16:04

Tgt Ion:252 Resp: 106510

Ion	Ratio	Lower	Upper
252	100		
253	27.2	17.9	26.9#
125	11.4	10.2	15.2



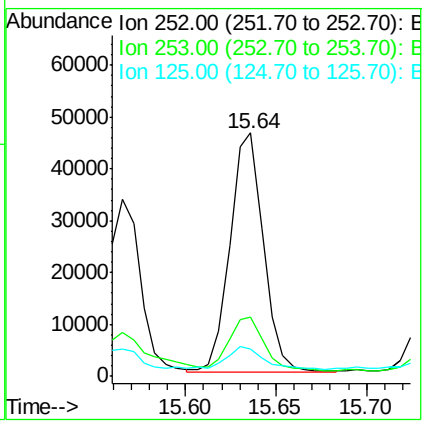


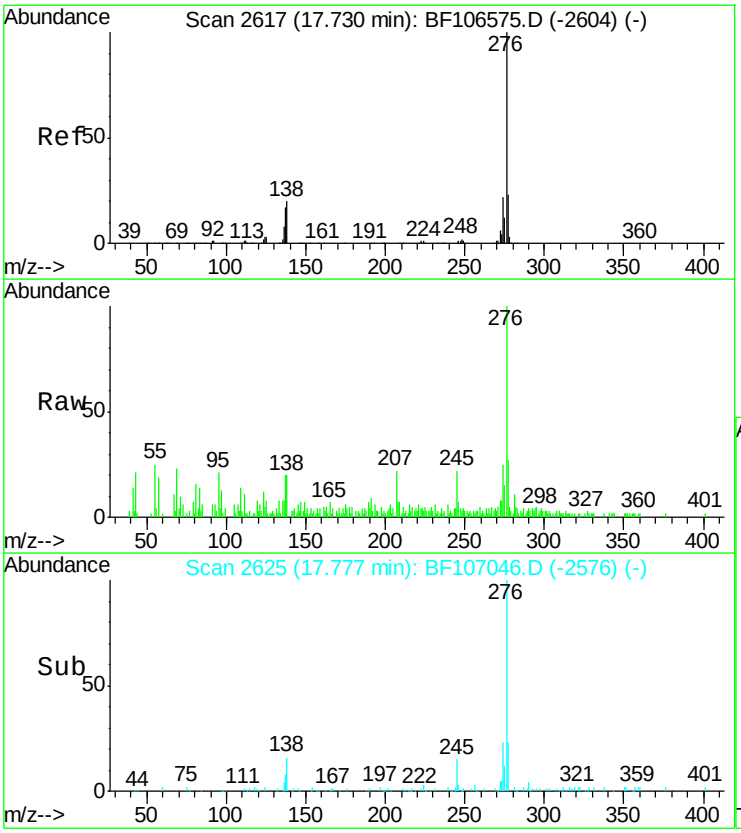
#89
Benzo(a)pyrene
Concen: 8.100 ng
RT: 15.64 min Scan# 2261
Delta R.T. -0.02 min
Lab File: BF107046.D
Acq: 2 Jul 2018 16:04

Instrument :
BNA_F
ClientSampleId :
A0C10-01

Tgt Ion:252 Resp: 59273

Ion	Ratio	Lower	Upper
252	100		
253	24.3	17.1	25.7
125	11.3	9.8	14.6





#91
Benzo(g,h,i)perylene
Concen: 6.422 ng
RT: 17.78 min Scan# 2625
Delta R.T. -0.01 min
Lab File: BF107046.D
Acq: 2 Jul 2018 16:04

Tgt Ion:276 Resp: 38928

Ion	Ratio	Lower	Upper
276	100		
277	26.7	17.9	26.9
138	19.6	21.8	32.8#