Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF122118\
Data File : BF111684.D
Acq On : 21 Dec 2018 13:44
Operator : JU/SJ
Sample : J6362-03
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P-3

Quant Time: Dec 21 22:33:01 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 19 17:39:39 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	208171	20.00	ng		0.00
21) Naphthalene-d8	8.17	136	772768	20.00	ng		0.00
39) Acenaphthene-d10	9.93	164	357942	20.00	ng		0.00
64) Phenanthrene-d10	11.42	188	554186	20.00	ng		0.00
76) Chrysene-d12	14.05	240	461284	20.00	ng		0.00
87) Perylene-d12	15.53	264	342172	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.52	112	1245505	101.98	ng		0.00
7) Phenol-d6	6.53	99	1629974	104.87	ng		0.00
23) Nitrobenzene-d5	7.45	82	1041760	78.47	ng		0.00
42) 2,4,6-Tribromophenol	10.72	330	382841	90.52	ng		0.00
45) 2-Fluorobiphenyl	9.25	172	1862636	75.85	ng		0.00
79) Terphenyl-d14	13.00	244	1467830	60.34	ng		0.00
Target Compounds							Qvalue
10) Phenol	6.53	94	114417	6.524	ng		95
19) n-Nitroso-di-n-propylamine	7.45	70	143973	13.948	ng	#	77
25) Isophorone	7.45	82	1041748	44.200	ng	#	64
50) Dimethylphthalate	9.64	163	171242	6.542	ng		97
57) 2,4-Dinitrotoluene	9.93	165	47122	7.512	ng	#	24
65) 4,6-Dinitro-2-methylphenol	10.72	198	848	7.011	ng	#	1
67) 4-Bromophenyl-phenylether	10.72	248	23712	3.450	ng	#	1
75) Fluoranthene	12.62	202	75228	2.528	ng		96
78) Pyrene	12.85	202	84251	2.586	ng		97
88) Benzo(b)fluoranthene	15.09	252	70923	3.547	ng	#	91
89) Benzo(k)fluoranthene	15.09	252	70923	3.725	ng	#	90
90) Benzo(a)pyrene	15.46	252	37937	2.088	ng		98

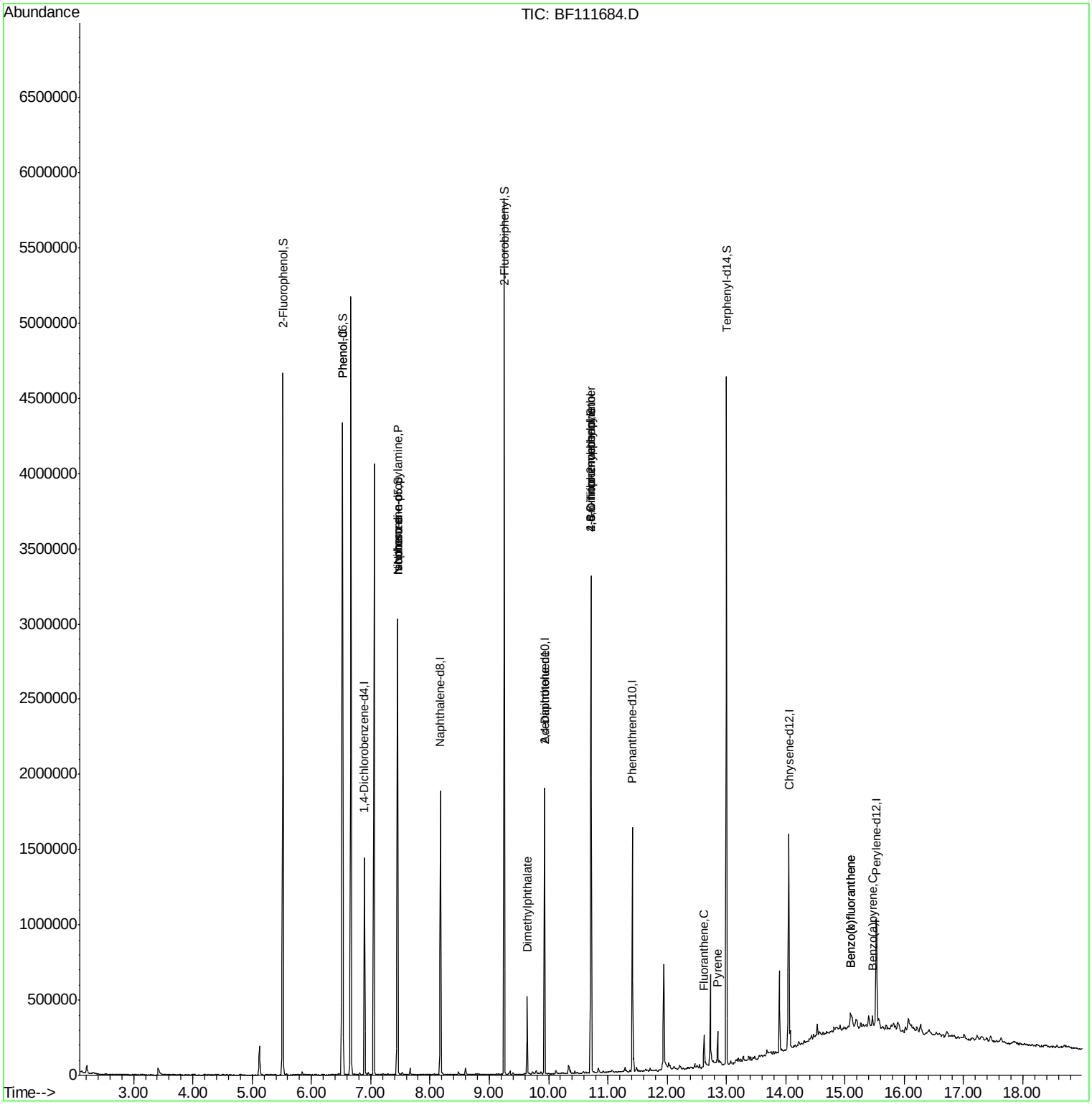
(#) = qualifier out of range (m) = manual integration (+) = signals summed

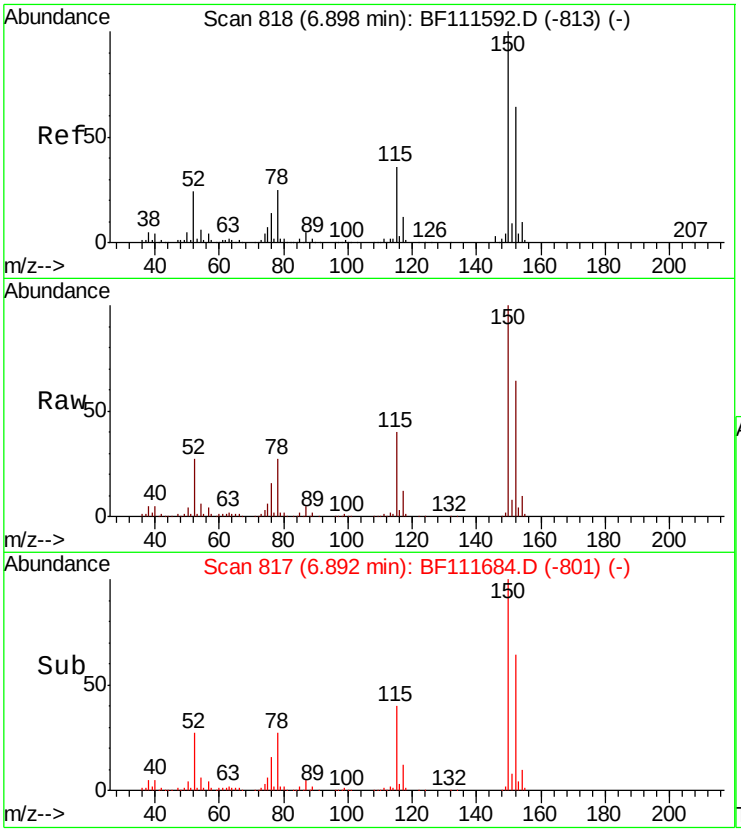
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF122118\
Data File : BF111684.D
Acq On : 21 Dec 2018 13:44
Operator : JU/SJ
Sample : J6362-03
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
P-3

Quant Time: Dec 21 22:33:01 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 19 17:39:39 2018
Response via : Initial Calibration



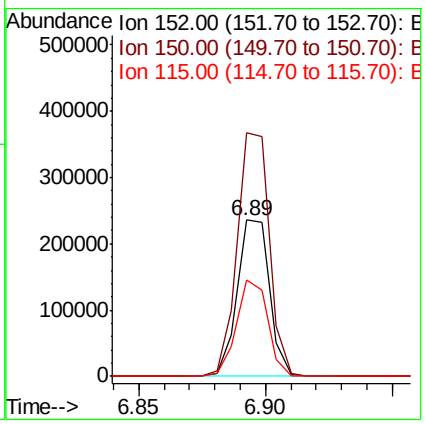


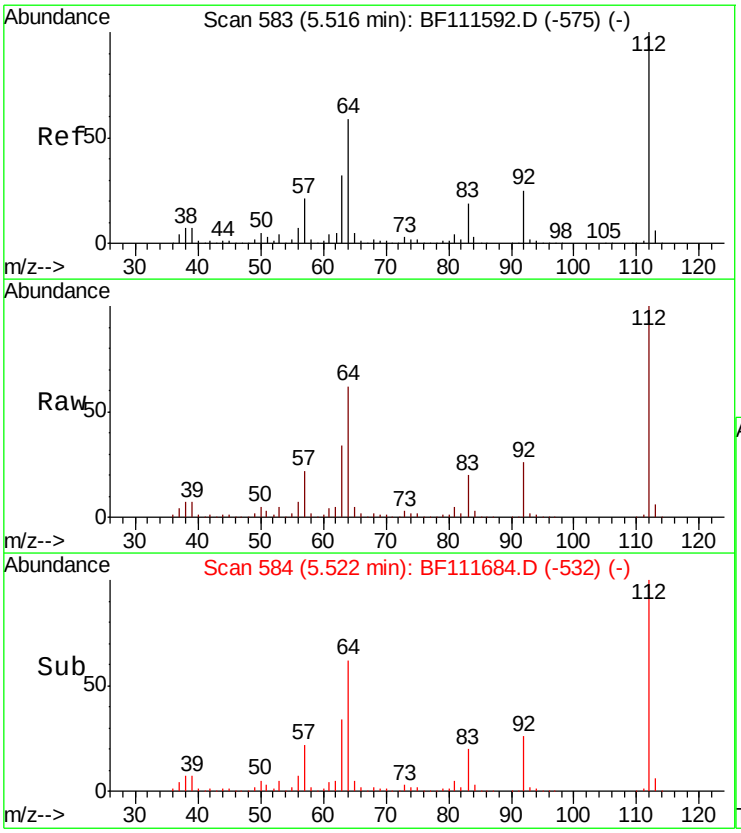
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 817
Delta R.T. -0.01 min
Lab File: BF111684.D
Acq: 21 Dec 2018 13:44

Instrument :
BNA_F
ClientSampleId :
P-3

Tgt Ion:152 Resp: 208171

Ion	Ratio	Lower	Upper
152	100		
150	155.5	126.6	189.8
115	61.6	50.7	76.1

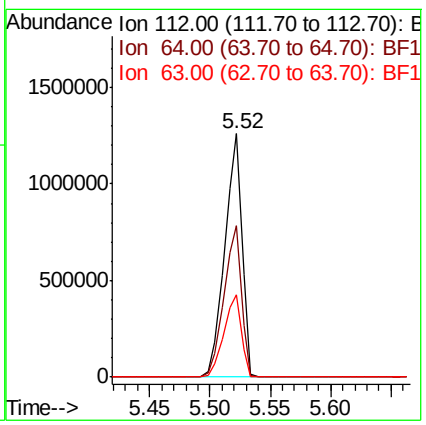


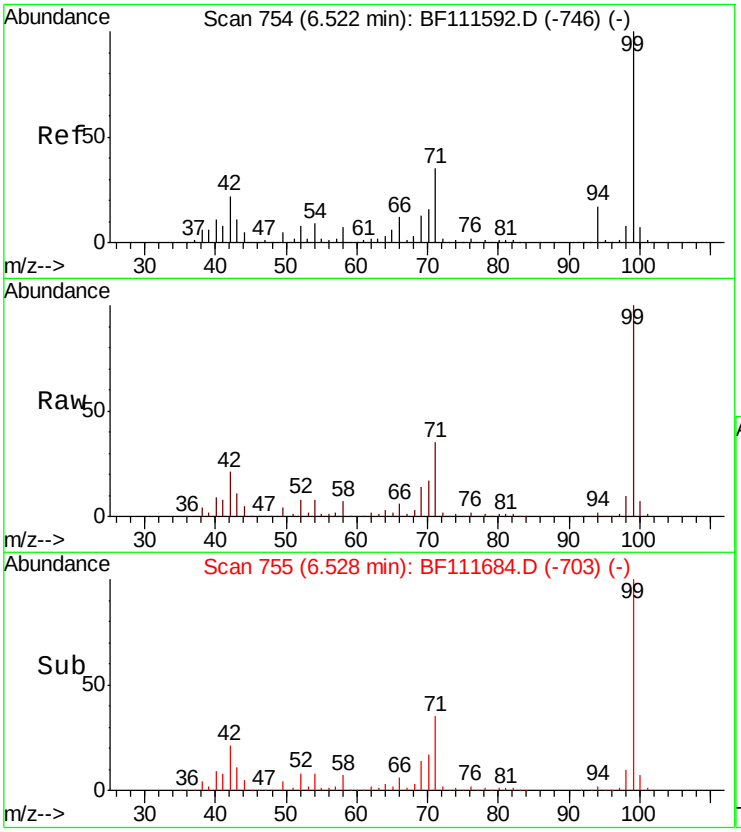


#5
2-Fluorophenol
Concen: 101.984 ng
RT: 5.52 min Scan# 584
Delta R.T. 0.01 min
Lab File: BF111684.D
Acq: 21 Dec 2018 13:44

Tgt Ion:112 Resp: 1245505

Ion	Ratio	Lower	Upper
112	100		
64	62.4	51.8	77.6
63	34.1	26.8	40.2



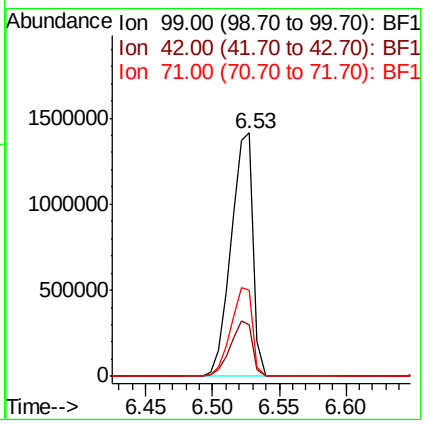


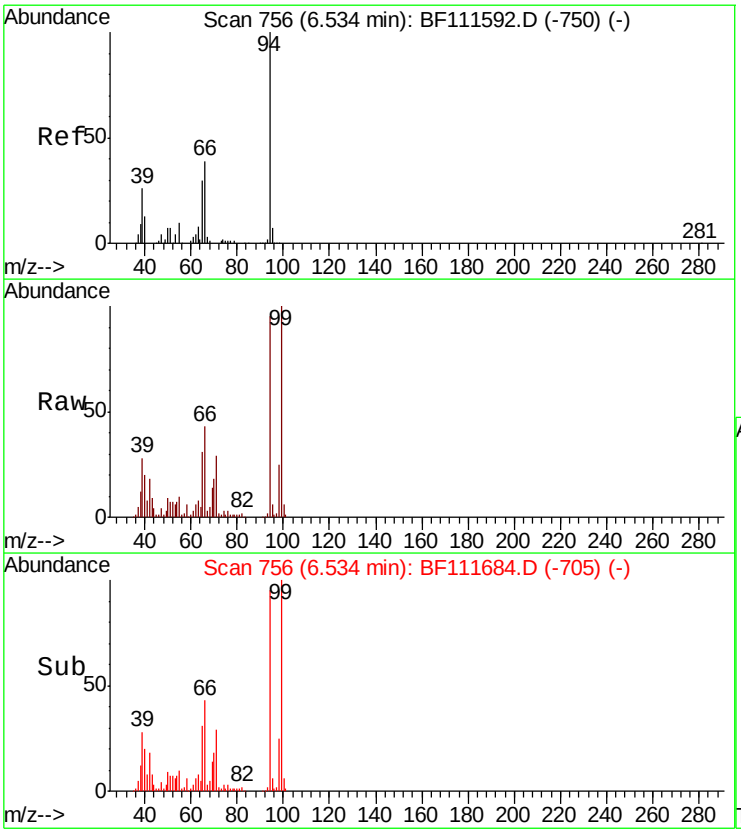
#7
Phenol-d6
Concen: 104.871 ng
RT: 6.53 min Scan# 755
Delta R.T. 0.01 min
Lab File: BF111684.D
Acq: 21 Dec 2018 13:44

Instrument :
BNA_F
ClientSampleId :
P-3

Tgt Ion: 99 Resp: 1629974

Ion	Ratio	Lower	Upper
99	100		
42	21.1	17.4	26.0
71	35.5	26.1	39.1

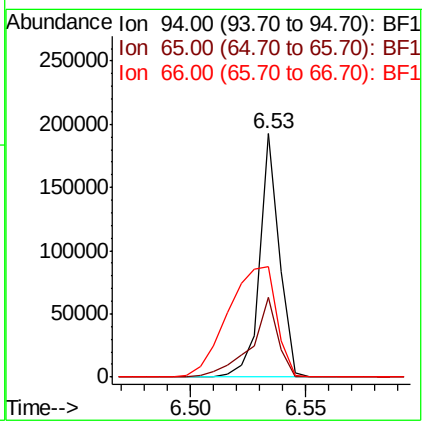


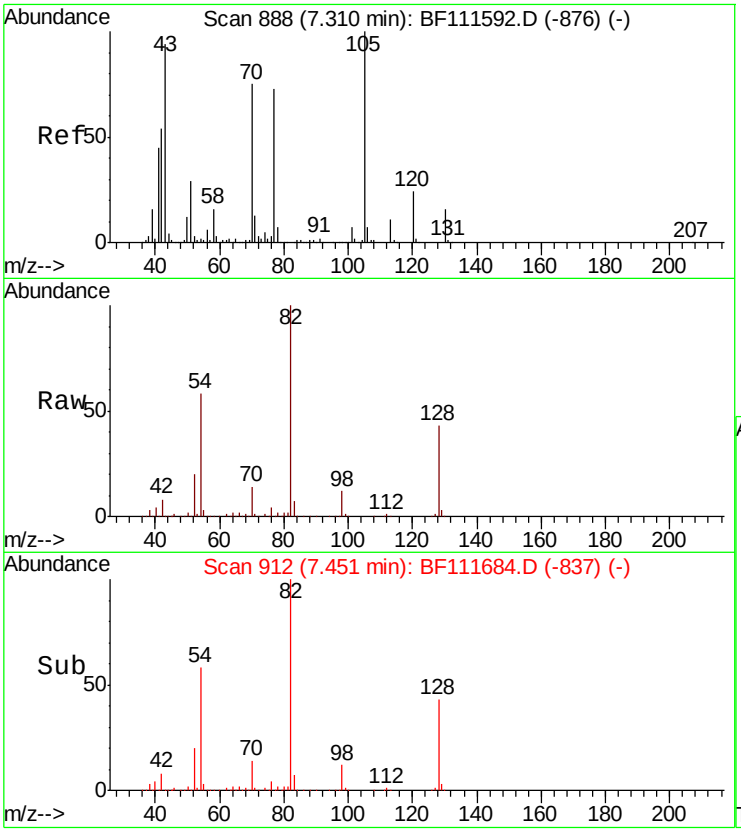


#10
Phenol
Concen: 6.524 ng
RT: 6.53 min Scan# 756
Delta R.T. -0.00 min
Lab File: BF111684.D
Acq: 21 Dec 2018 13:44

Tgt Ion: 94 Resp: 114417

Ion	Ratio	Lower	Upper
94	100		
65	32.5	11.7	51.7
66	45.3	21.0	61.0



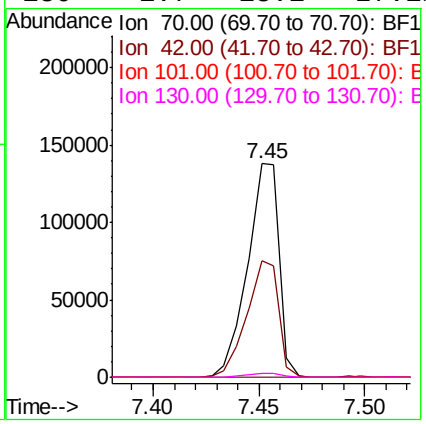


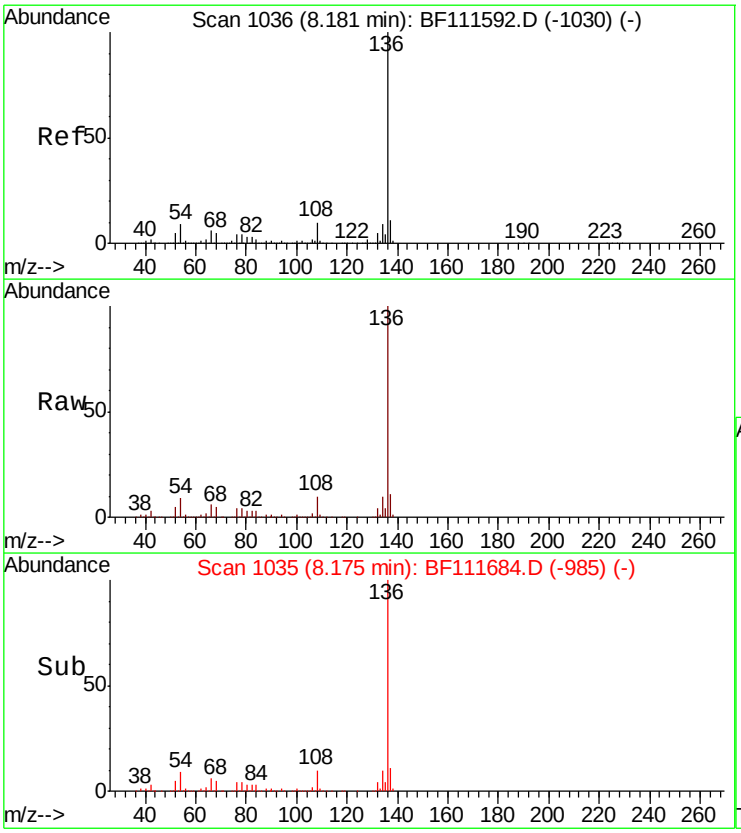
#19
n-Nitroso-di-n-propylamine
Concen: 13.948 ng
RT: 7.45 min Scan# 912
Delta R.T. 0.14 min
Lab File: BF111684.D
Acq: 21 Dec 2018 13:44

Instrument :
BNA_F
ClientSampleId :
P-3

Tgt Ion: 70 Resp: 143973

Ion	Ratio	Lower	Upper
70	100		
42	54.8	53.2	79.8
101	0.0	8.2	12.4#
130	1.7	18.1	27.1#

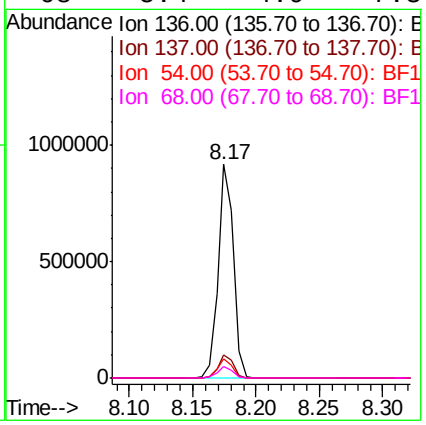


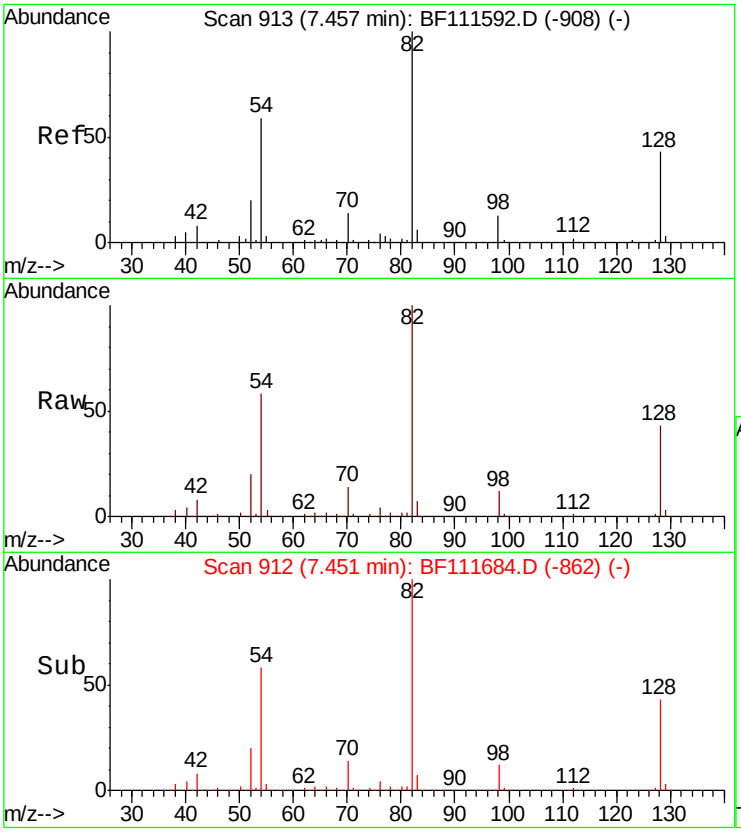


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.17 min Scan# 1035
Delta R.T. -0.01 min
Lab File: BF111684.D
Acq: 21 Dec 2018 13:44

Tgt Ion:136 Resp: 772768

Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.1	13.7
54	9.1	7.7	11.5
68	5.4	4.9	7.3



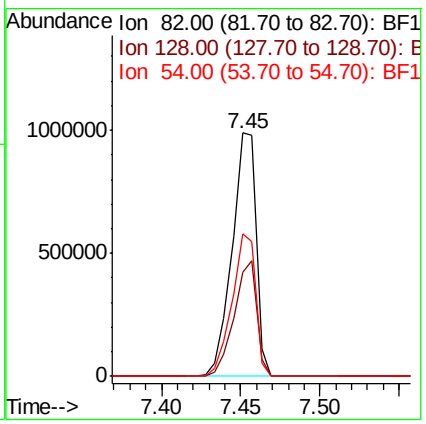


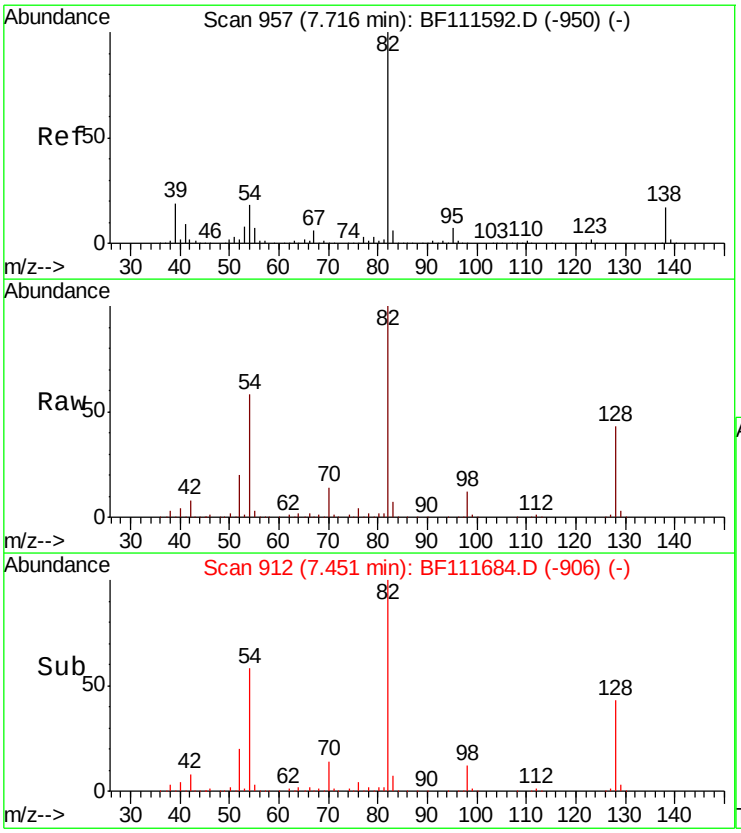
#23
Nitrobenzene-d5
Concen: 78.469 ng
RT: 7.45 min Scan# 912
Delta R.T. -0.01 min
Lab File: BF111684.D
Acq: 21 Dec 2018 13:44

Instrument :
BNA_F
ClientSampleId :
P-3

Tgt Ion: 82 Resp: 1041760

Ion	Ratio	Lower	Upper
82	100		
128	42.9	37.4	56.2
54	58.5	47.6	71.4

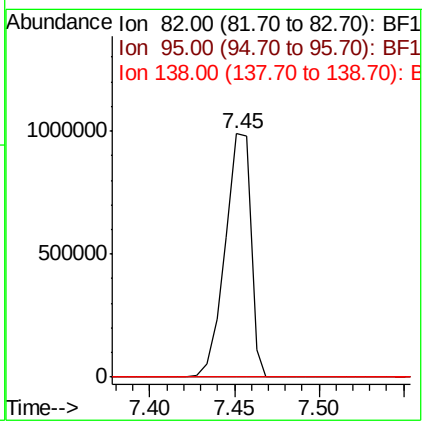


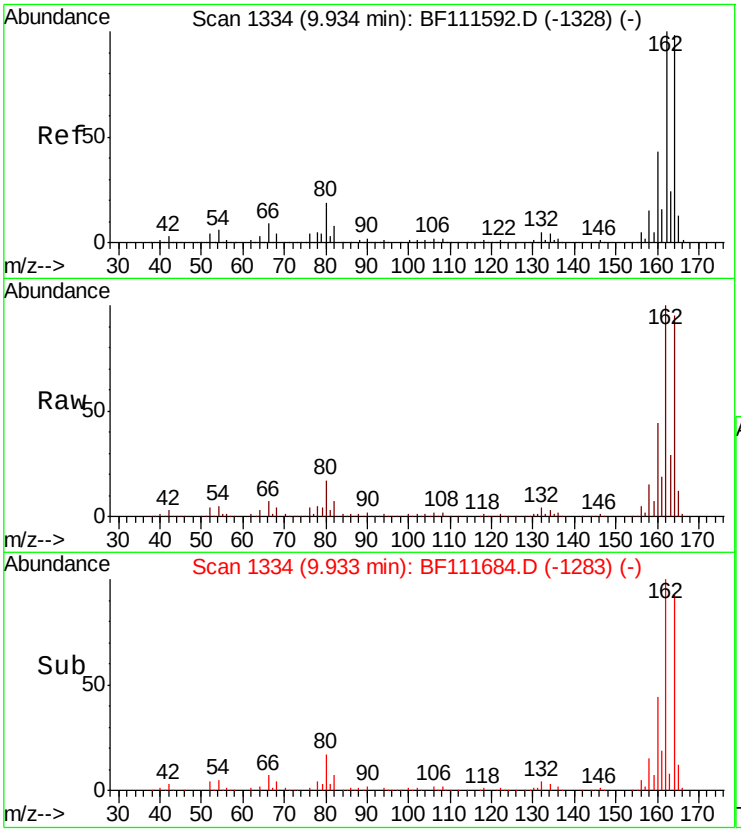


#25
Isophorone
Concen: 44.200 ng
RT: 7.45 min Scan# 912
Delta R.T. -0.26 min
Lab File: BF111684.D
Acq: 21 Dec 2018 13:44

Tgt Ion: 82 Resp: 1041748

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.4	8.2#
138	0.0	15.1	22.7#



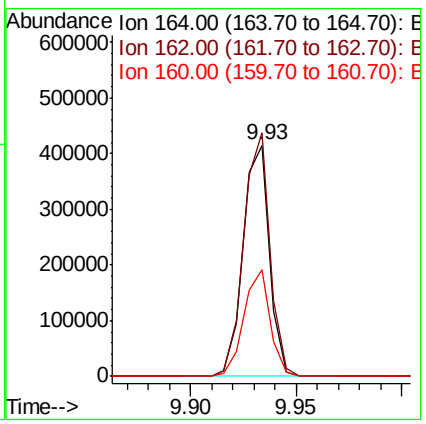


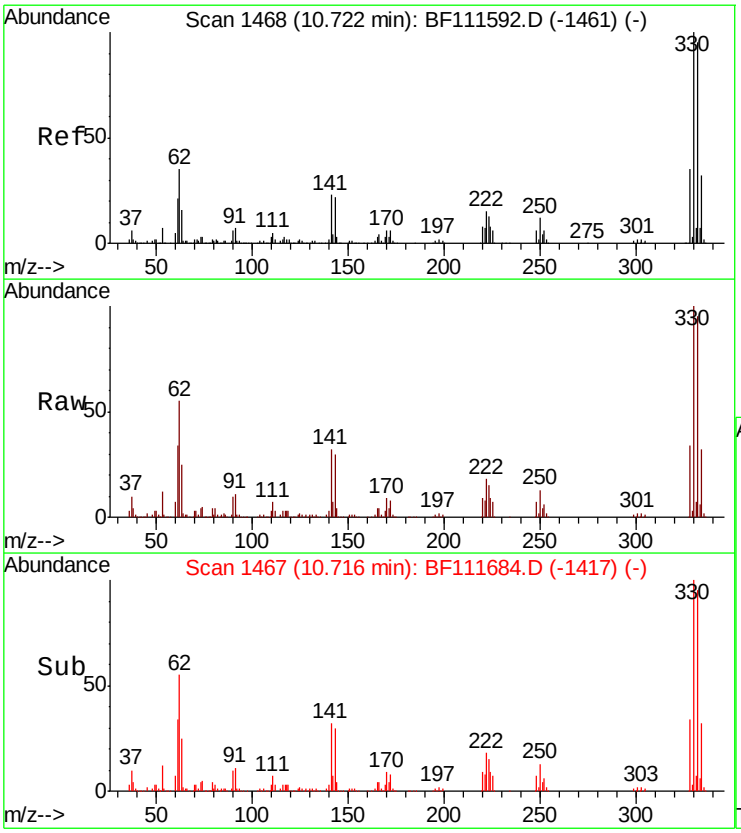
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.93 min Scan# 1334
Delta R.T. -0.00 min
Lab File: BF111684.D
Acq: 21 Dec 2018 13:44

Instrument :
BNA_F
ClientSampleId :
P-3

Tgt Ion:164 Resp: 357942

Ion	Ratio	Lower	Upper
164	100		
162	105.3	81.4	122.0
160	46.2	35.7	53.5

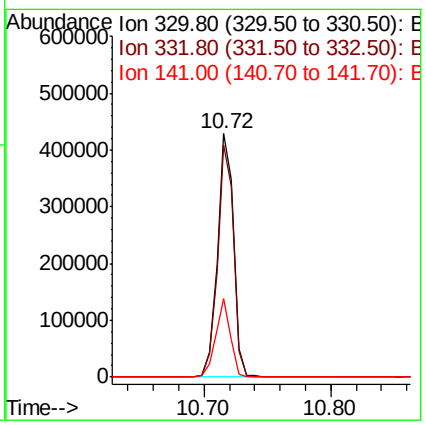


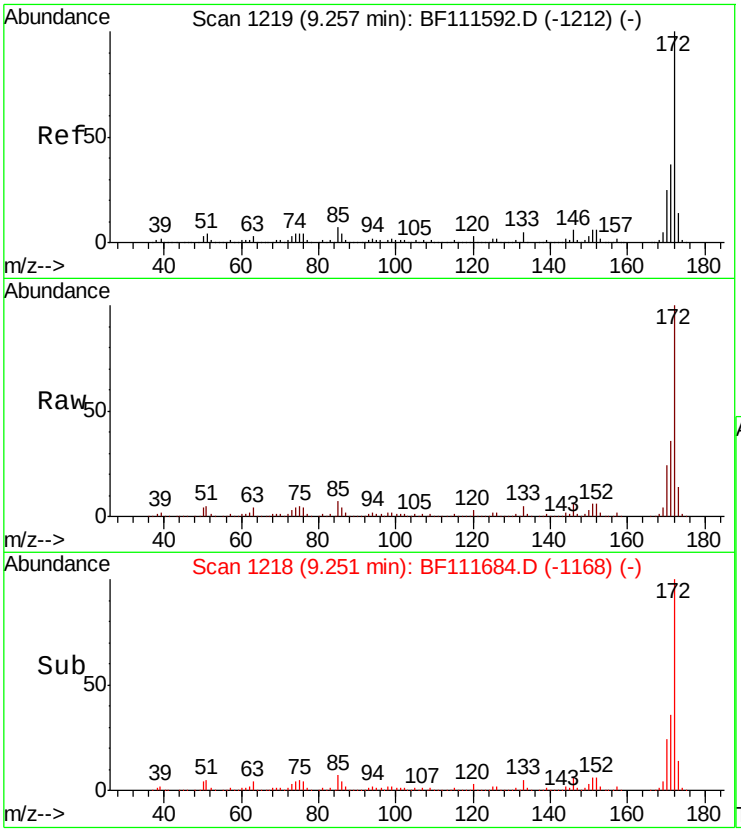


#42
2,4,6-Tribromophenol
Concen: 90.520 ng
RT: 10.72 min Scan# 1467
Delta R.T. -0.01 min
Lab File: BF111684.D
Acq: 21 Dec 2018 13:44

Tgt Ion:330 Resp: 382841

Ion	Ratio	Lower	Upper
330	100		
332	95.2	76.0	114.0
141	29.9	31.0	46.6#



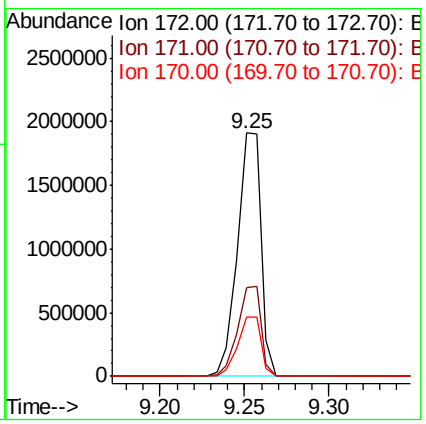


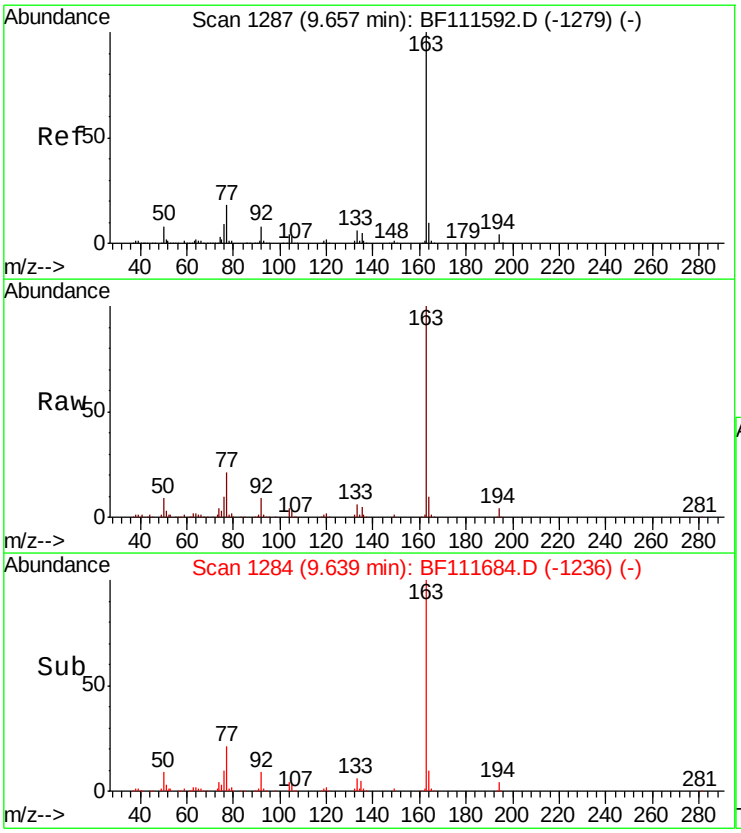
#45
2-Fluorobiphenyl
Concen: 75.848 ng
RT: 9.25 min Scan# 1218
Delta R.T. -0.01 min
Lab File: BF111684.D
Acq: 21 Dec 2018 13:44

Instrument :
BNA_F
ClientSampleId :
P-3

Tgt Ion:172 Resp: 1862636

Ion	Ratio	Lower	Upper
172	100		
171	36.3	33.0	49.4
170	24.4	22.3	33.5

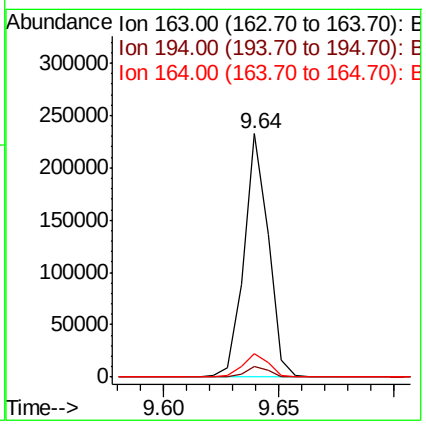


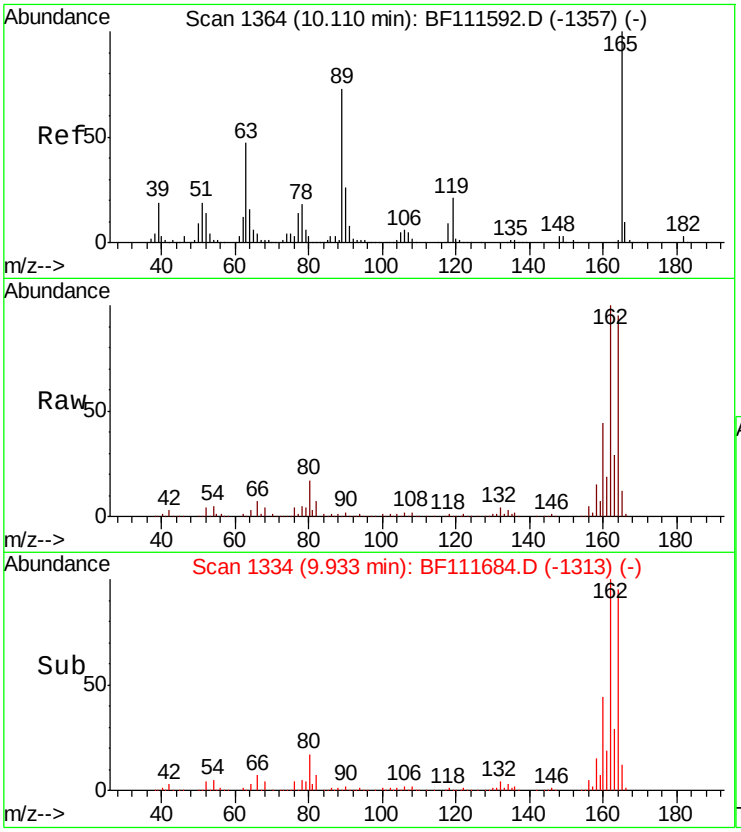


#50
Dimethylphthalate
Concen: 6.542 ng
RT: 9.64 min Scan# 1284
Delta R.T. -0.02 min
Lab File: BF111684.D
Acq: 21 Dec 2018 13:44

Tgt Ion:163 Resp: 171242

Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.0	4.6
164	9.7	8.9	13.3



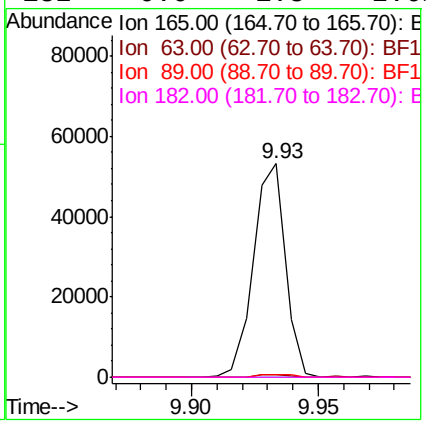


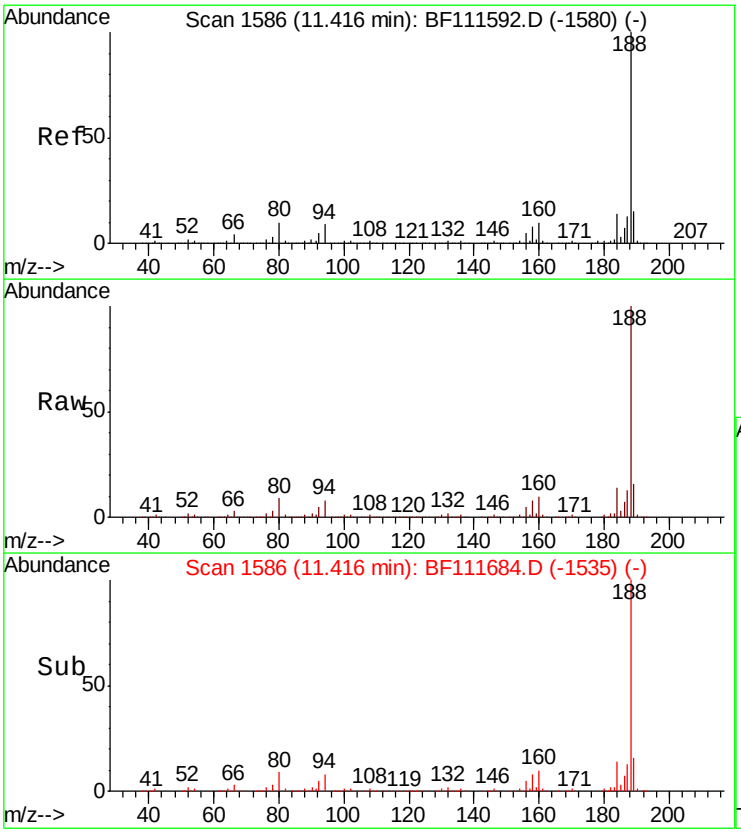
#57
2,4-Dinitrotoluene
Concen: 7.512 ng
RT: 9.93 min Scan# 1334
Delta R.T. -0.18 min
Lab File: BF111684.D
Acq: 21 Dec 2018 13:44

Instrument :
BNA_F
ClientSampleId :
P-3

Tgt Ion:165 Resp: 47122

Ion	Ratio	Lower	Upper
165	100		
63	1.5	34.6	52.0#
89	1.0	56.2	84.4#
182	0.0	1.8	2.6#

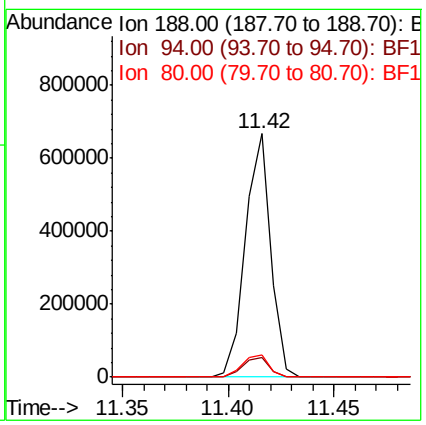


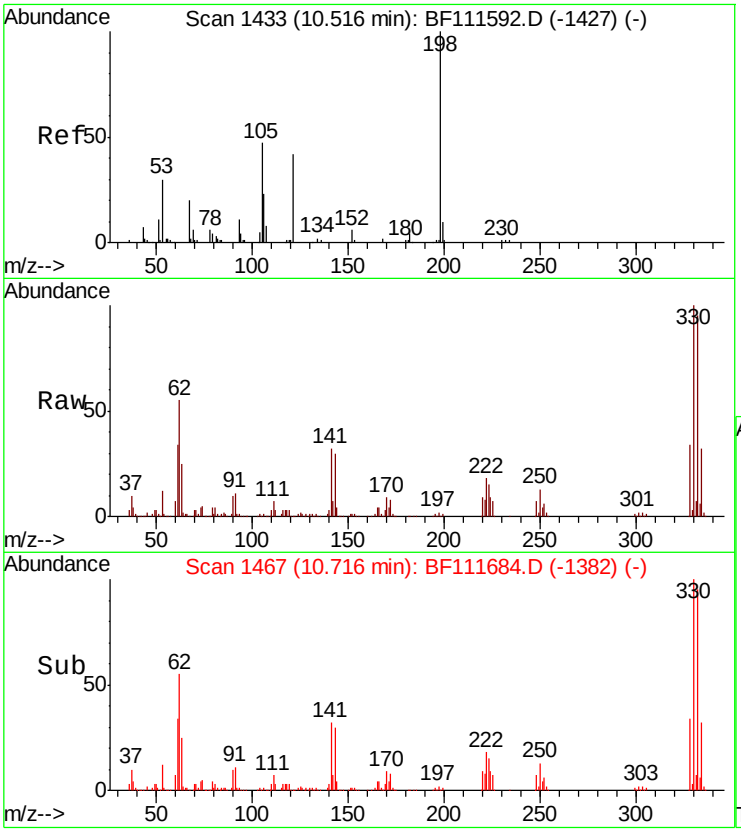


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.42 min Scan# 1586
Delta R.T. -0.00 min
Lab File: BF111684.D
Acq: 21 Dec 2018 13:44

Tgt Ion:188 Resp: 554186

Ion	Ratio	Lower	Upper
188	100		
94	8.2	9.6	14.4#
80	8.9	9.8	14.6#



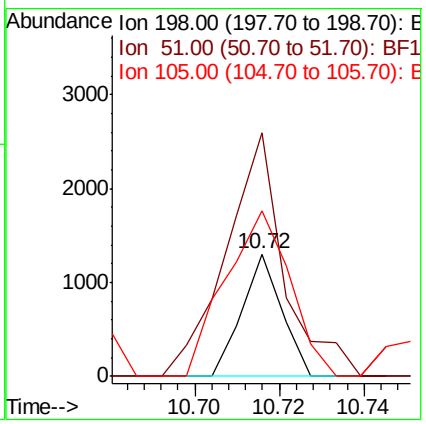


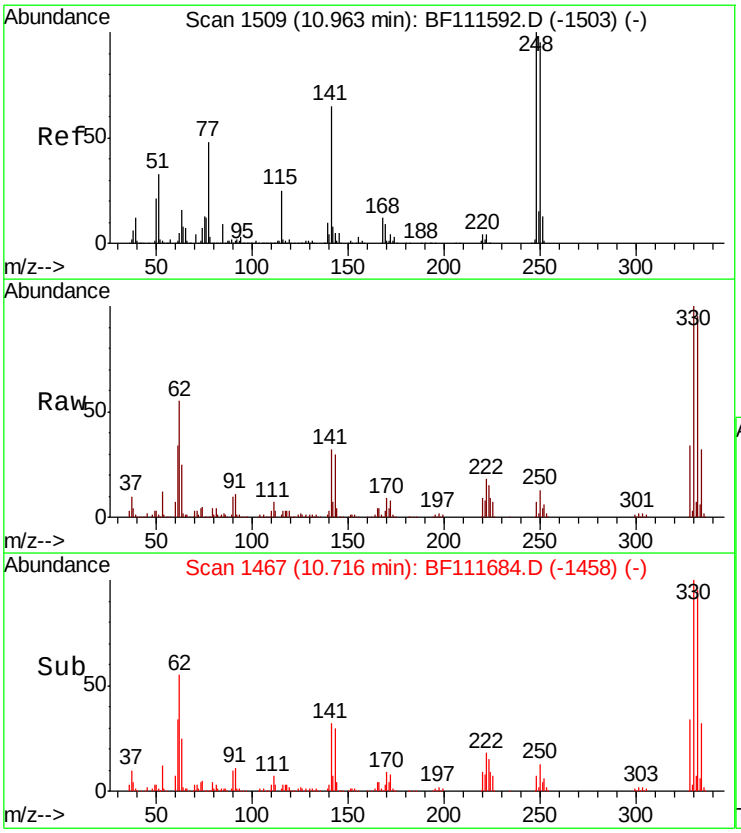
#65
4,6-Dinitro-2-methylphenol
Concen: 7.011 ng
RT: 10.72 min Scan# 1467
Delta R.T. 0.20 min
Lab File: BF111684.D
Acq: 21 Dec 2018 13:44

Instrument :
BNA_F
ClientSampleId :
P-3

Tgt Ion:198 Resp: 848

Ion	Ratio	Lower	Upper
198	100		
51	199.3	48.0	88.0#
105	135.1	34.0	74.0#

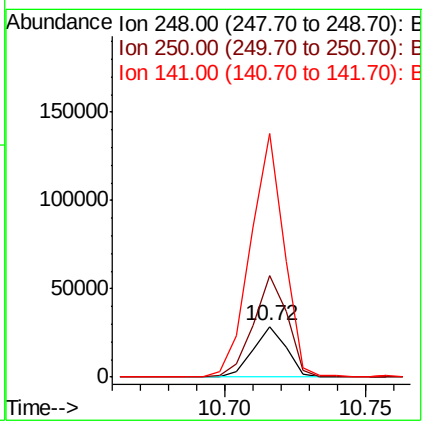


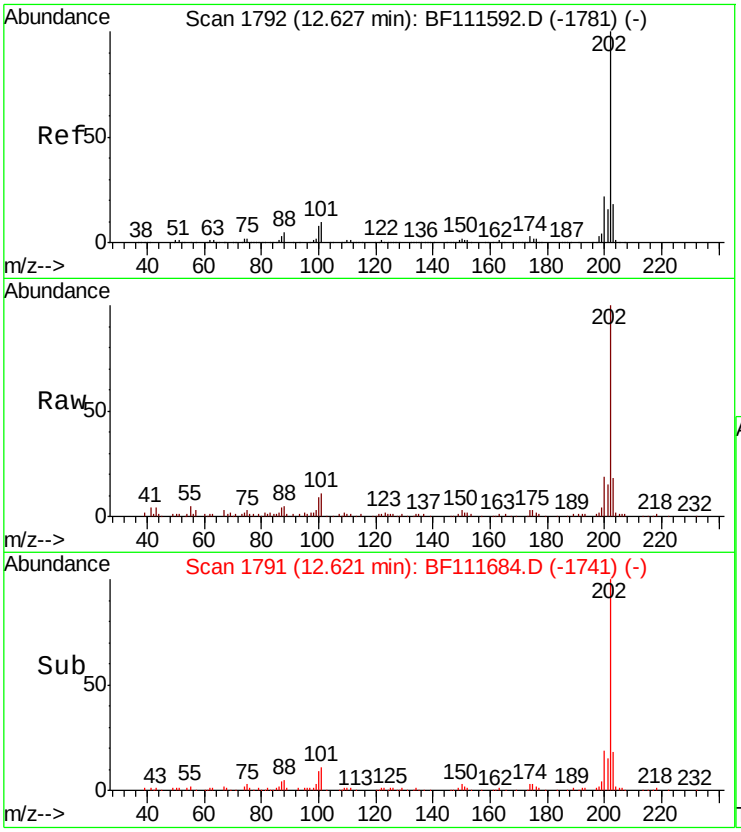


#67
4-Bromophenyl-phenylether
Concen: 3.450 ng
RT: 10.72 min Scan# 1467
Delta R.T. -0.25 min
Lab File: BF111684.D
Acq: 21 Dec 2018 13:44

Tgt Ion:248 Resp: 23712

Ion	Ratio	Lower	Upper
248	100		
250	200.9	77.0	115.4#
141	481.5	63.0	94.6#



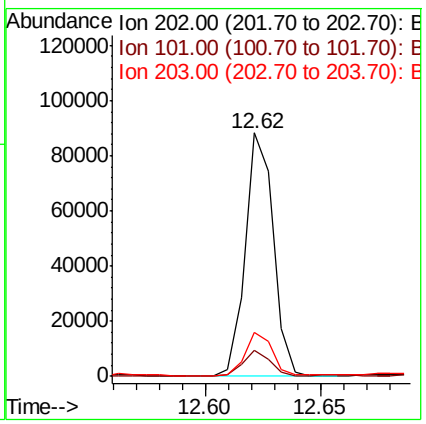


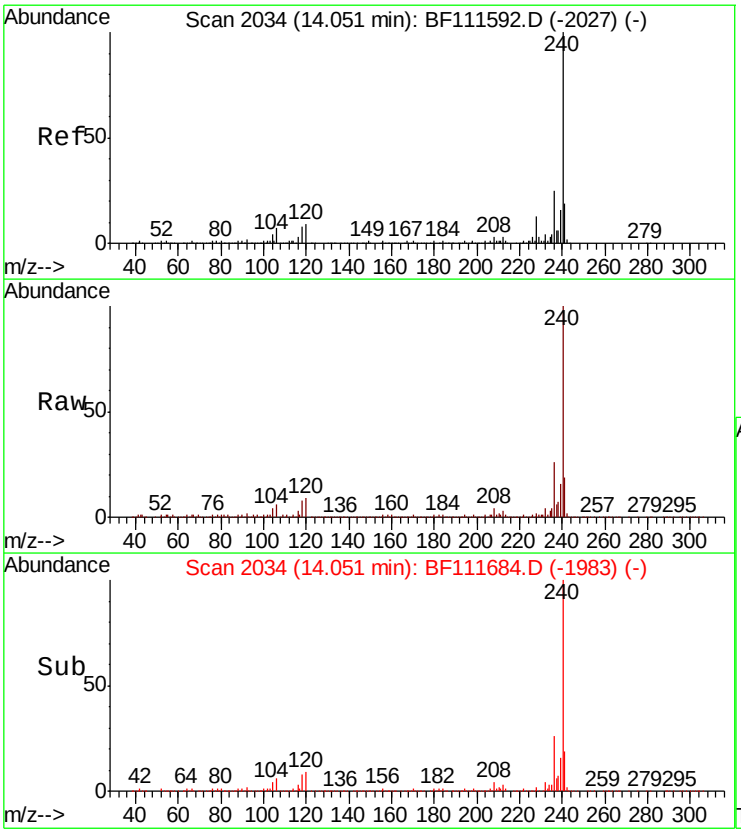
#75
Fluoranthene
Concen: 2.528 ng
RT: 12.62 min Scan# 1791
Delta R.T. -0.01 min
Lab File: BF111684.D
Acq: 21 Dec 2018 13:44

Instrument :
BNA_F
ClientSampleId :
P-3

Tgt Ion:202 Resp: 75228

Ion	Ratio	Lower	Upper
202	100		
101	10.6	0.0	33.8
203	18.1	0.0	38.6

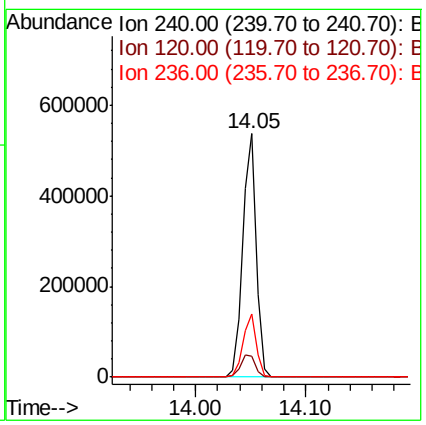


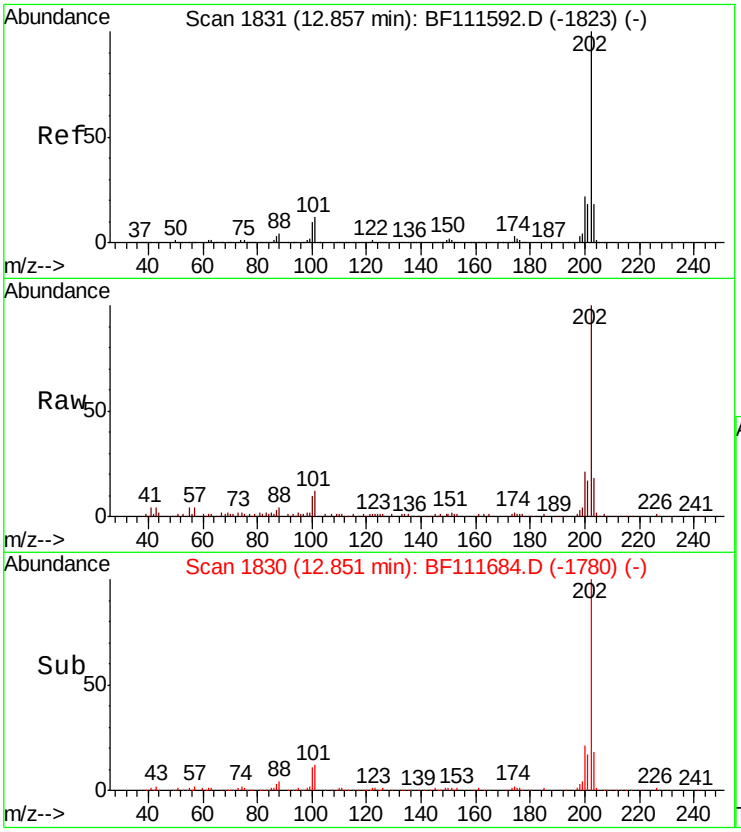


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.05 min Scan# 2034
Delta R.T. -0.00 min
Lab File: BF111684.D
Acq: 21 Dec 2018 13:44

Tgt Ion:240 Resp: 461284

Ion	Ratio	Lower	Upper
240	100		
120	8.8	12.2	18.2#
236	26.1	20.2	30.2



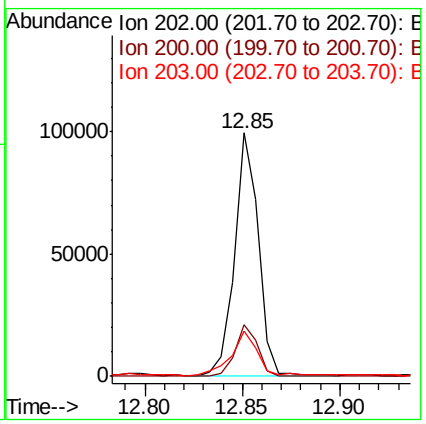


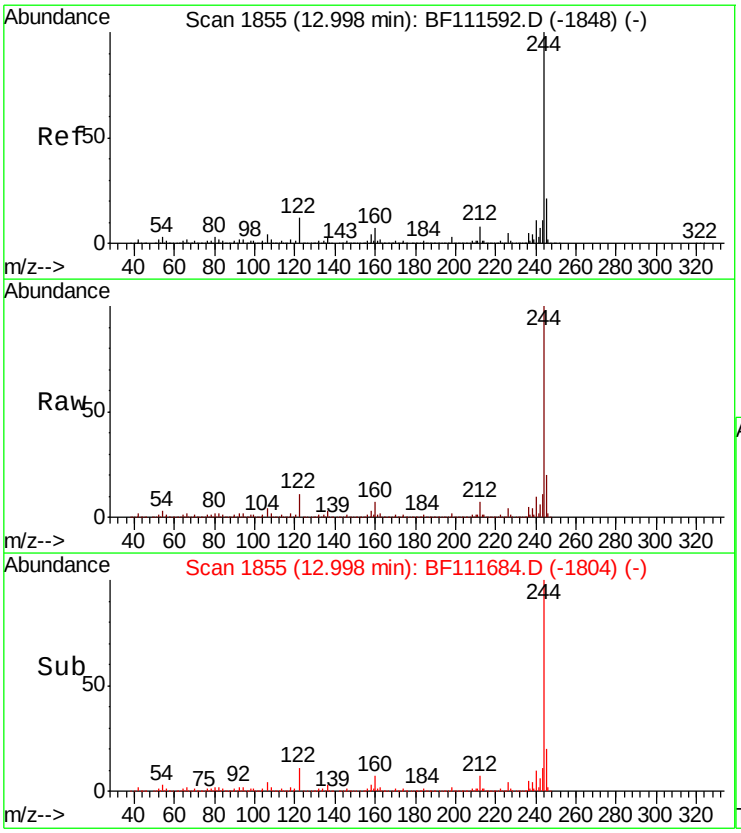
#78
Pyrene
Concen: 2.586 ng
RT: 12.85 min Scan# 1830
Delta R.T. -0.01 min
Lab File: BF111684.D
Acq: 21 Dec 2018 13:44

Instrument :
BNA_F
ClientSampleId :
P-3

Tgt Ion:202 Resp: 84251

Ion	Ratio	Lower	Upper
202	100		
200	21.1	19.0	28.4
203	18.4	15.2	22.8

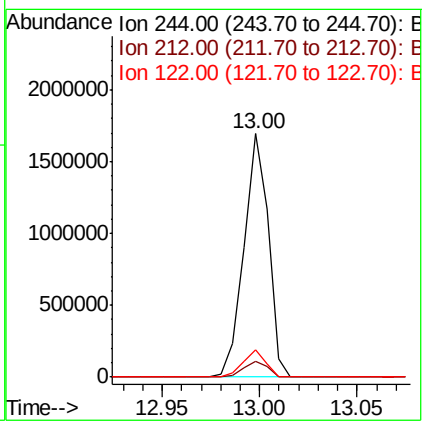


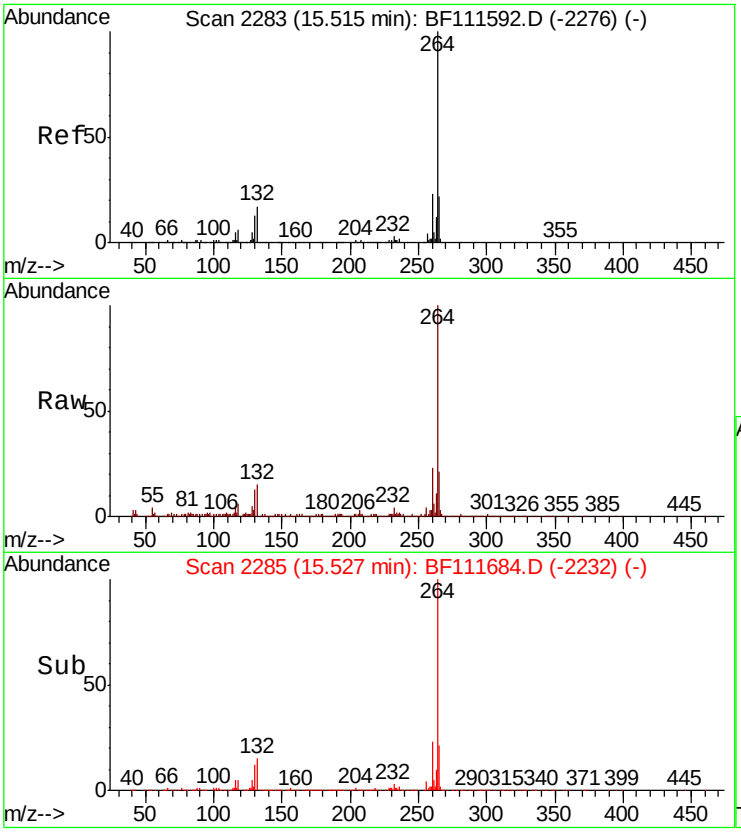


#79
Terphenyl-d14
Concen: 60.345 ng
RT: 13.00 min Scan# 1855
Delta R.T. -0.00 min
Lab File: BF111684.D
Acq: 21 Dec 2018 13:44

Tgt Ion:244 Resp: 1467830

Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.7	8.5
122	11.0	13.1	19.7#



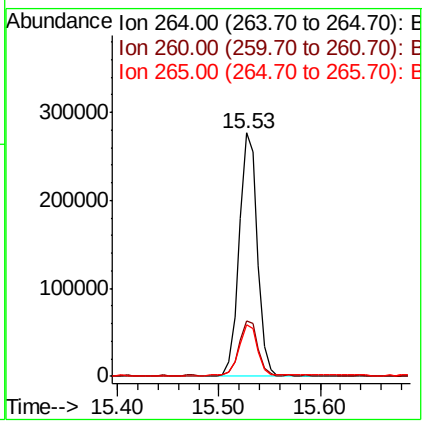


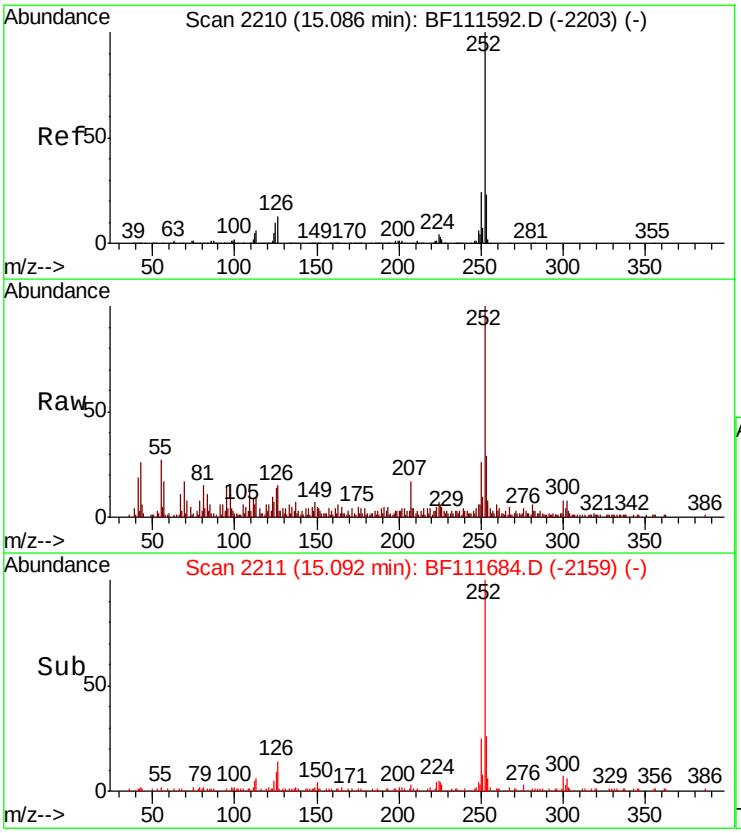
#87
Perylene-d12
Concen: 20.000 ng
RT: 15.53 min Scan# 2285
Delta R.T. 0.01 min
Lab File: BF111684.D
Acq: 21 Dec 2018 13:44

Instrument :
BNA_F
ClientSampleId :
P-3

Tgt Ion:264 Resp: 342172

Ion	Ratio	Lower	Upper
264	100		
260	22.9	18.3	27.5
265	21.2	17.7	26.5

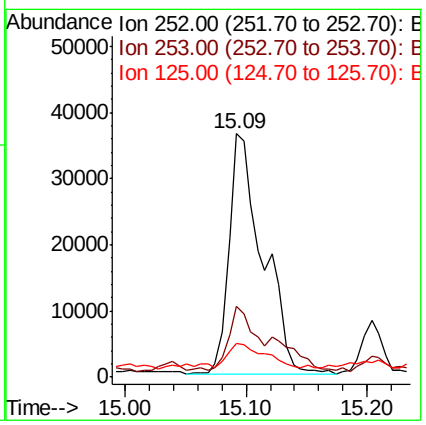


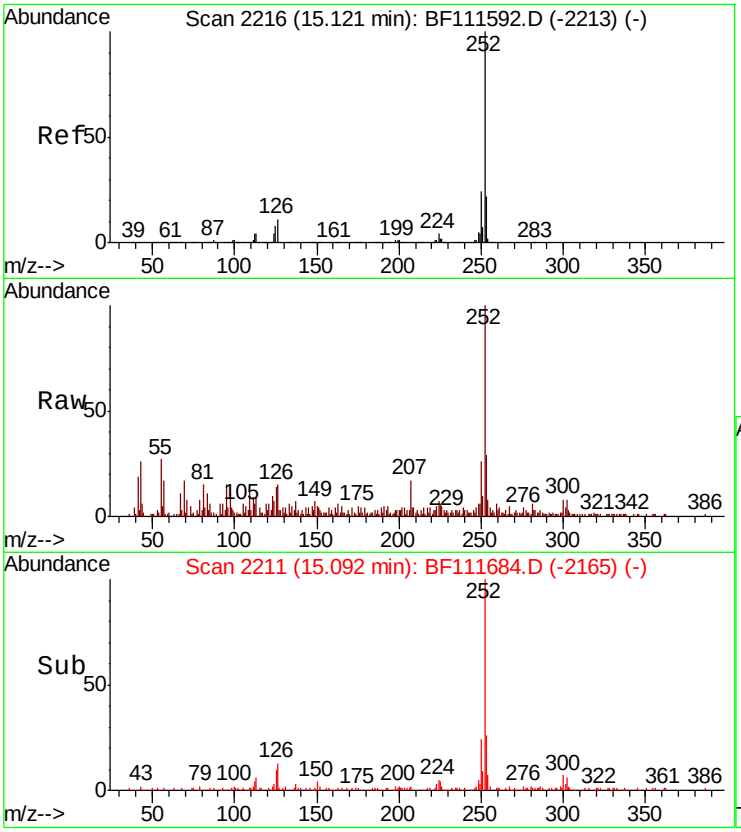


#88
Benzo(b)fluoranthene
Concen: 3.547 ng
RT: 15.09 min Scan# 2211
Delta R.T. 0.01 min
Lab File: BF111684.D
Acq: 21 Dec 2018 13:44

Tgt Ion:252 Resp: 70923

Ion	Ratio	Lower	Upper
252	100		
253	29.3	18.2	27.2#
125	13.9	10.4	15.6



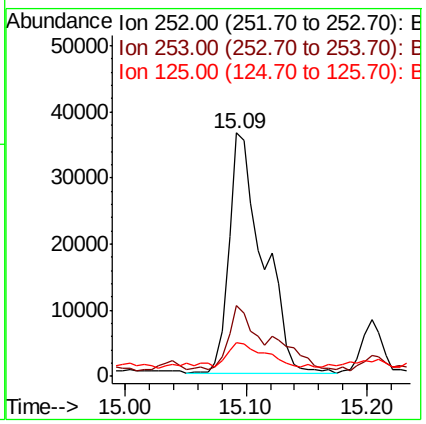


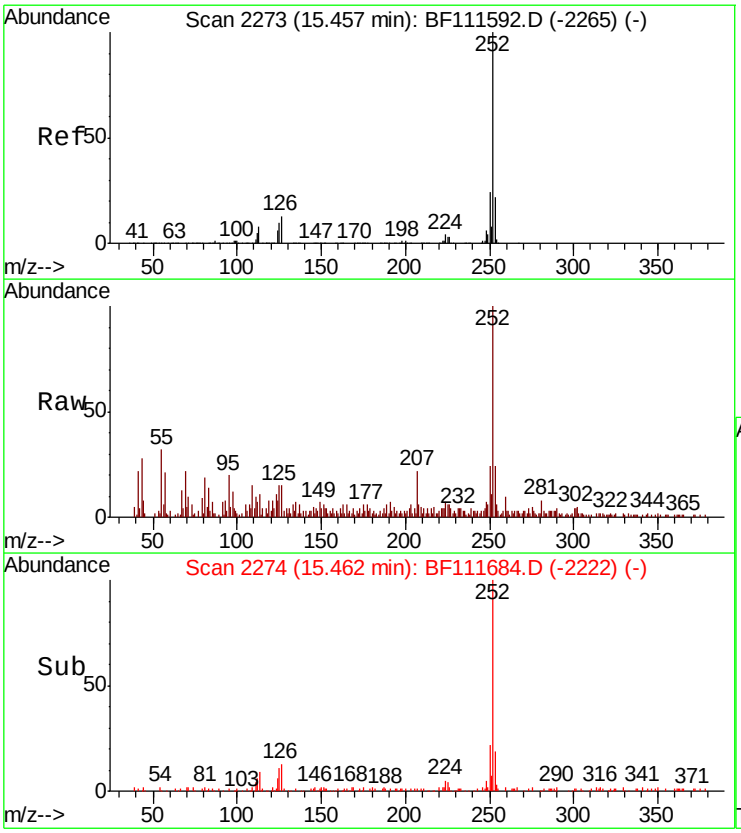
#89
Benzo(k)fluoranthene
Concen: 3.725 ng
RT: 15.09 min Scan# 2211
Delta R.T. -0.03 min
Lab File: BF111684.D
Acq: 21 Dec 2018 13:44

Instrument :
BNA_F
ClientSampleId :
P-3

Tgt Ion:252 Resp: 70923

Ion	Ratio	Lower	Upper
252	100		
253	29.3	18.1	27.1#
125	13.9	9.8	14.8





#90
Benzo(a)pyrene
Concen: 2.088 ng
RT: 15.46 min Scan# 2274
Delta R.T. 0.01 min
Lab File: BF111684.D
Acq: 21 Dec 2018 13:44

Tgt Ion:252 Resp: 37937

Ion	Ratio	Lower	Upper
252	100		
253	23.9	17.8	26.8
125	15.3	12.3	18.5