Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF122118\
Data File : BF111703.D
Acq On : 21 Dec 2018 22:31
Operator : JU/SJ
Sample : J6518-01 5X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DFTPP

Quant Time: Dec 22 00:46:52 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	6.90	152	147954	20.00	ng		0.00
21) Naphthalene-d8	8.19	136	511621	20.00	ng		0.00
39) Acenaphthene-d10	9.94	164	222839	20.00	ng		0.00
64) Phenanthrene-d10	11.43	188	405233	20.00	ng		0.01
76) Chrysene-d12	14.06	240	295449	20.00	ng		0.01
87) Perylene-d12	15.54	264	234555	20.00	ng		0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.52	112	202080	23.28	ng		0.00
7) Phenol-d6	6.53	99	247947	22.45	ng		0.00
23) Nitrobenzene-d5	7.45	82	148626	16.91	ng		0.00
42) 2,4,6-Tribromophenol	10.73	330	60215	22.87	ng		0.00
45) 2-Fluorobiphenyl	9.26	172	269665	17.64	ng		0.00
79) Terphenyl-d14	13.00	244	263357	16.90	ng		0.00
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.45	70	19477	2.655	ng	#	80
25) Isophorone	7.45	82	148456	9.514	ng	#	64
51) 2,6-Dinitrotoluene	9.94	165	28421	8.747	ng	#	30
57) 2,4-Dinitrotoluene	9.94	165	28421	7.278	ng	#	25
71) Phenanthrene	11.44	178	81750	3.804	ng		94
75) Fluoranthene	12.63	202	132488	6.088	ng		97
78) Pyrene	12.86	202	121597	5.828	ng		95
81) Benzo(a)anthracene	14.05	228	52759	3.129	ng		96
83) Chrysene	14.09	228	45784	2.763	ng		97
88) Benzo(b)fluoranthene	15.11	252	67926	4.955	ng	#	90
89) Benzo(k)fluoranthene	15.11	252	67926	5.205	ng	#	89
90) Benzo(a)pyrene	15.48	252	34767	2.792	ng	#	88

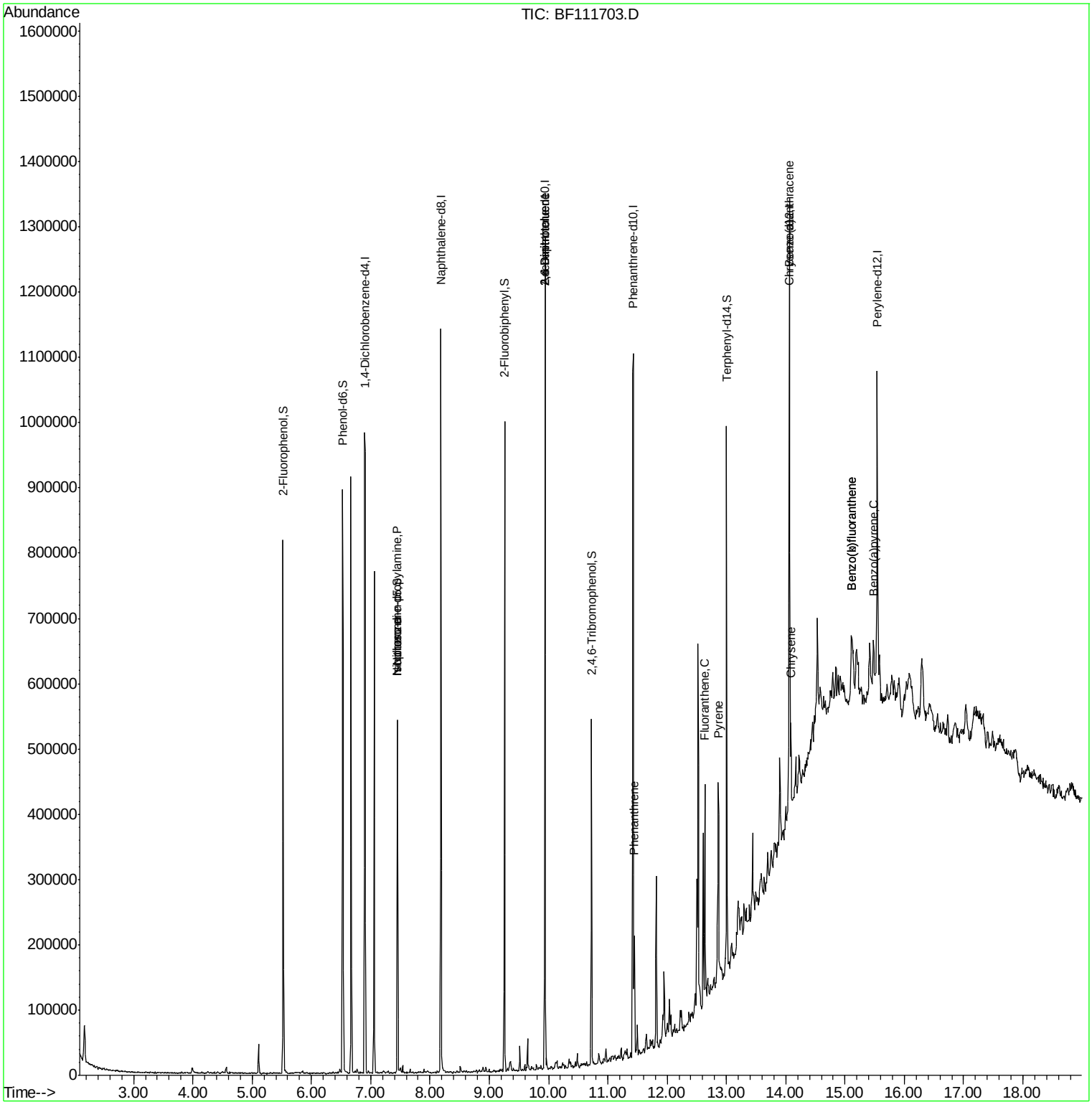
(#) = qualifier out of range (m) = manual integration (+) = signals summed

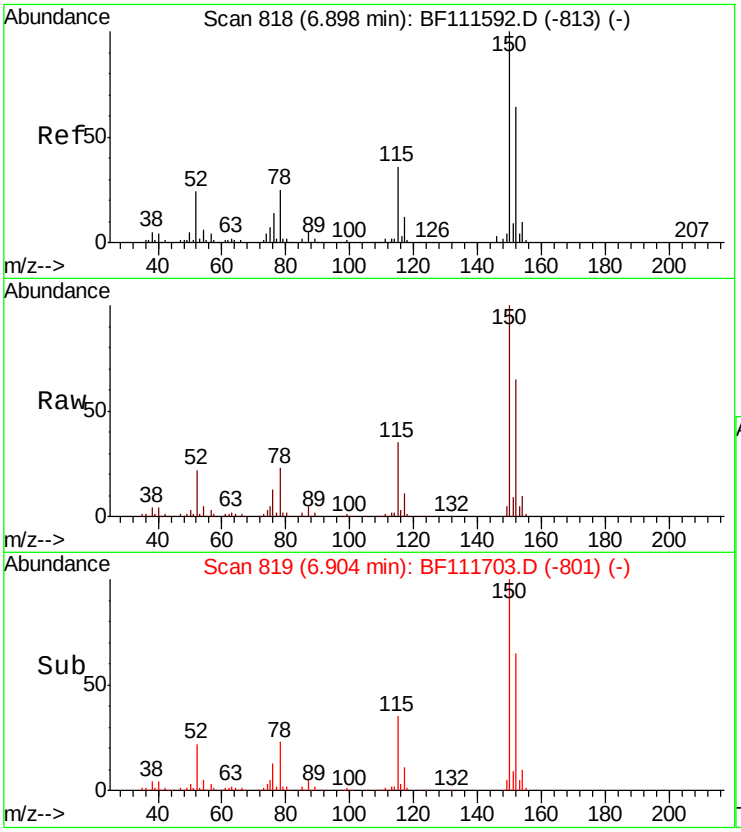
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF122118\
Data File : BF111703.D
Acq On : 21 Dec 2018 22:31
Operator : JU/SJ
Sample : J6518-01 5X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DFTPP

Quant Time: Dec 22 00:46:52 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



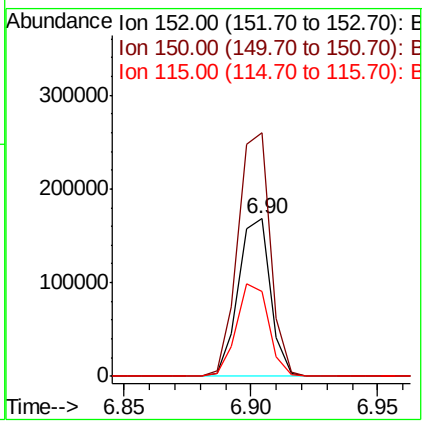


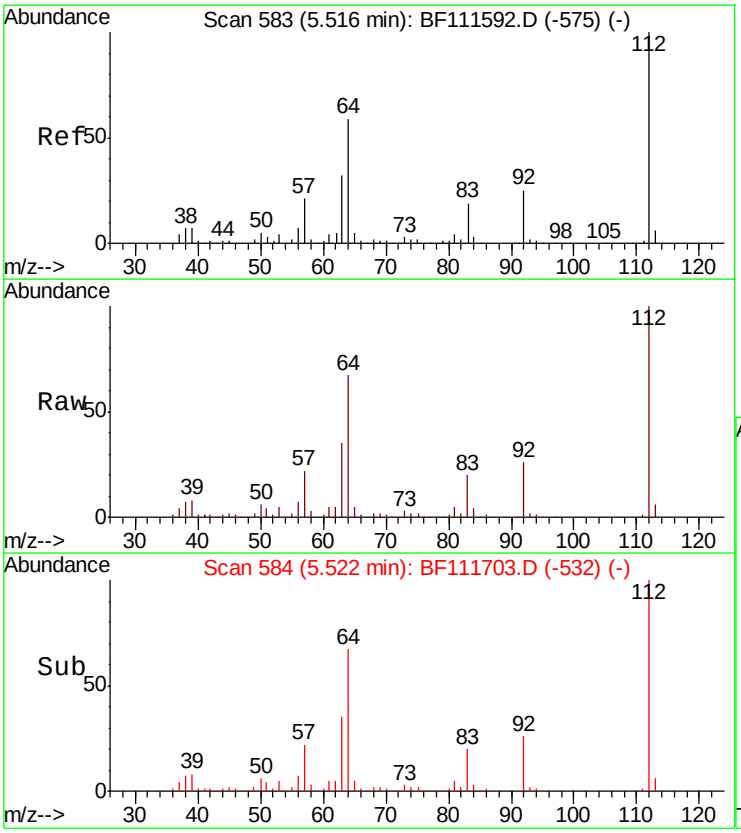
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 819
Delta R.T. 0.01 min
Lab File: BF111703.D
Acq: 21 Dec 2018 22:31

Instrument :
BNA_F
ClientSampleId :
DFTPP

Tgt Ion:152 Resp: 147954

Ion	Ratio	Lower	Upper
152	100		
150	154.5	126.6	189.8
115	53.9	50.7	76.1

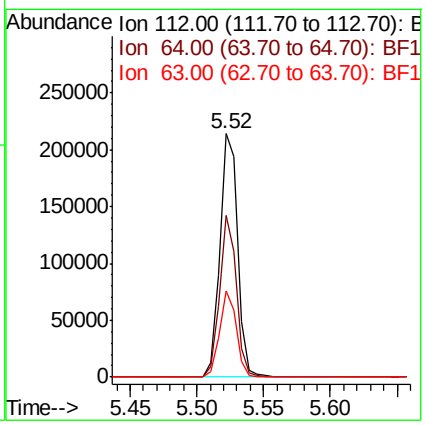


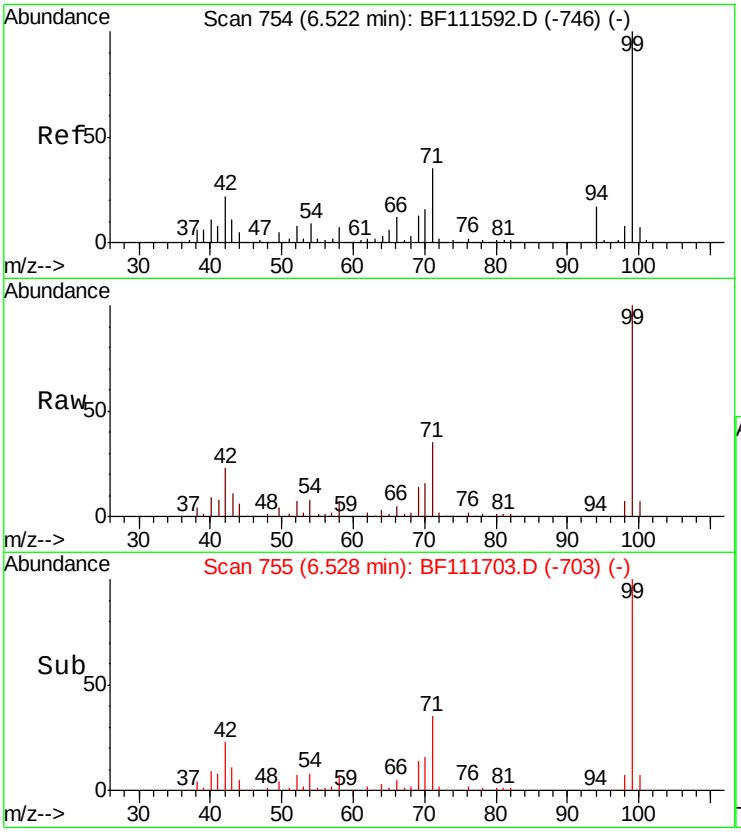


#5
2-Fluorophenol
Concen: 23.281 ng
RT: 5.52 min Scan# 584
Delta R.T. 0.01 min
Lab File: BF111703.D
Acq: 21 Dec 2018 22:31

Tgt Ion:112 Resp: 202080

Ion	Ratio	Lower	Upper
112	100		
64	66.5	51.8	77.6
63	35.2	26.8	40.2



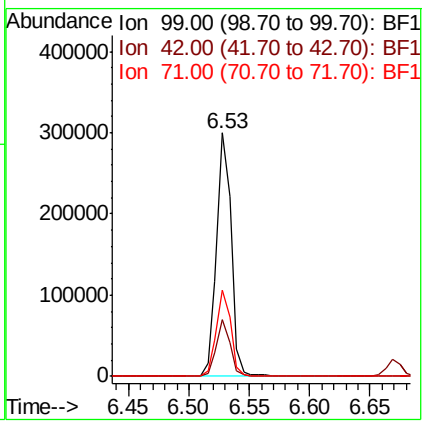


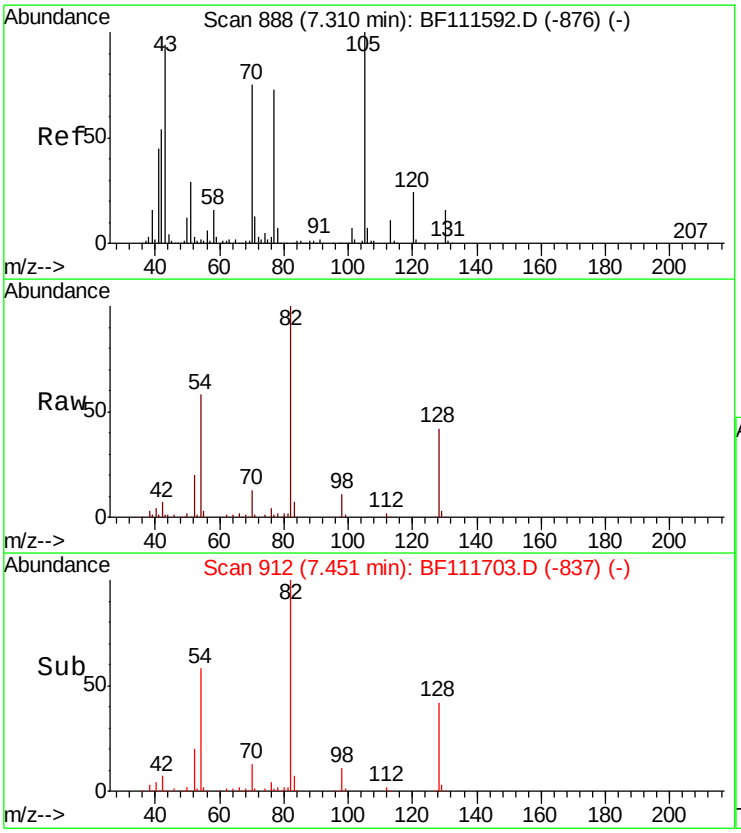
#7
Phenol-d6
Concen: 22.445 ng
RT: 6.53 min Scan# 755
Delta R.T. 0.01 min
Lab File: BF111703.D
Acq: 21 Dec 2018 22:31

Instrument :
BNA_F
ClientSampleId :
DFTPP

Tgt Ion: 99 Resp: 247947

Ion	Ratio	Lower	Upper
99	100		
42	23.1	17.4	26.0
71	35.3	26.1	39.1

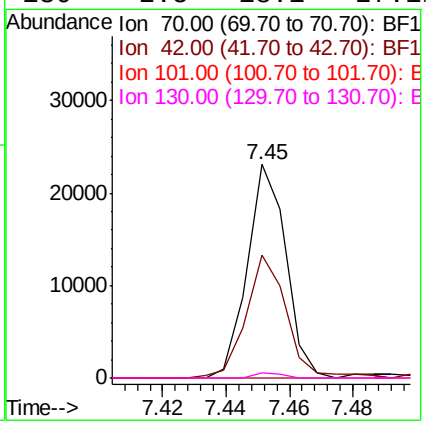


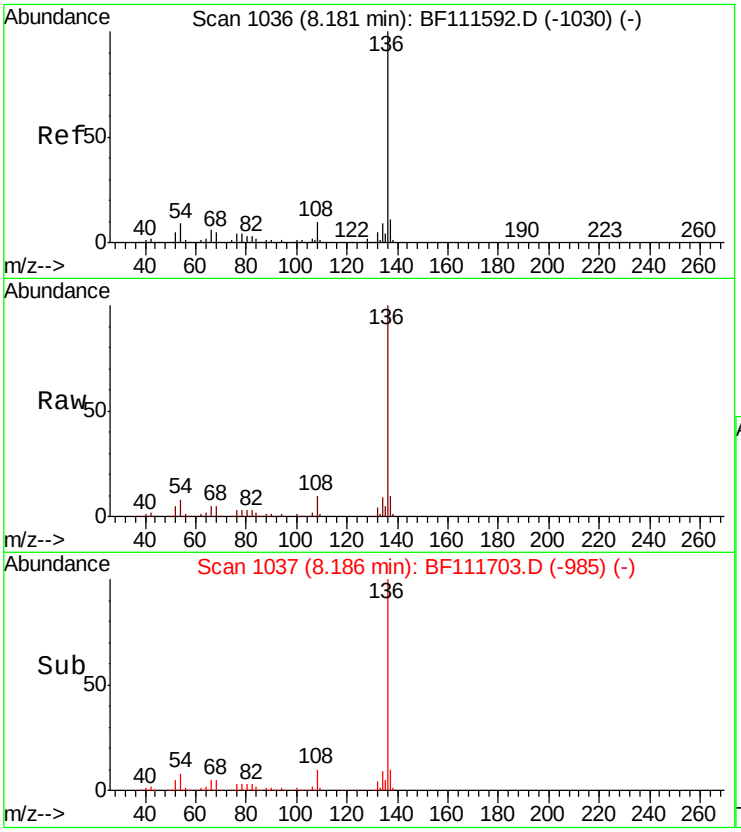


#19
n-Nitroso-di-n-propylamine
Concen: 2.655 ng
RT: 7.45 min Scan# 912
Delta R.T. 0.14 min
Lab File: BF111703.D
Acq: 21 Dec 2018 22:31

Tgt Ion: 70 Resp: 19477

Ion	Ratio	Lower	Upper
70	100		
42	57.3	53.2	79.8
101	0.0	8.2	12.4#
130	2.5	18.1	27.1#



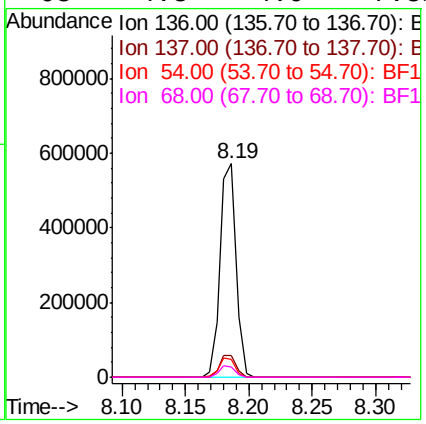


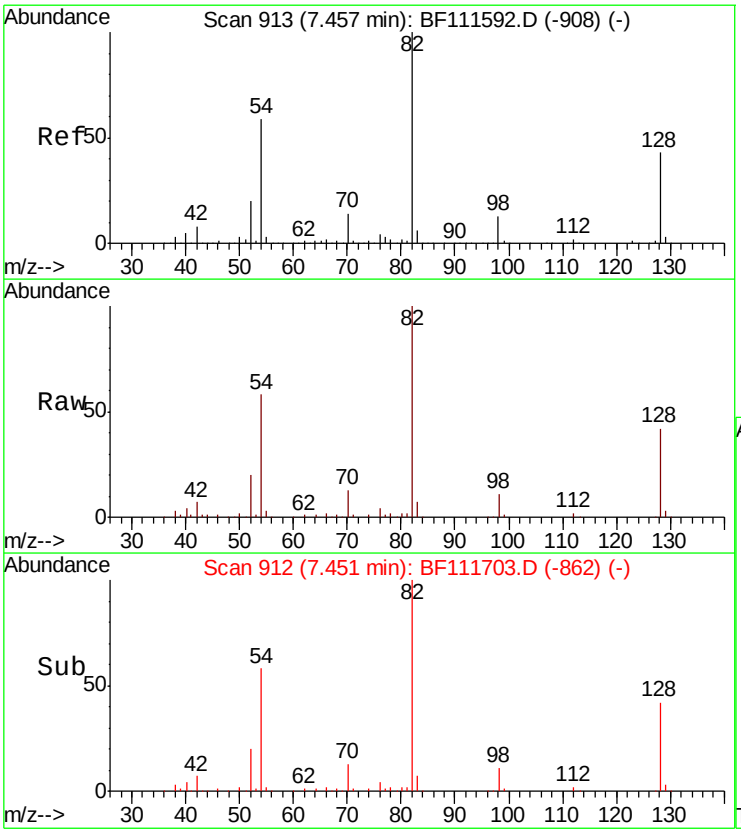
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.19 min Scan# 1037
Delta R.T. 0.01 min
Lab File: BF111703.D
Acq: 21 Dec 2018 22:31

Instrument :
BNA_F
ClientSampleId :
DFTPP

Tgt Ion:136 Resp: 511621

Ion	Ratio	Lower	Upper
136	100		
137	10.3	9.1	13.7
54	8.2	7.7	11.5
68	4.8	4.9	7.3#

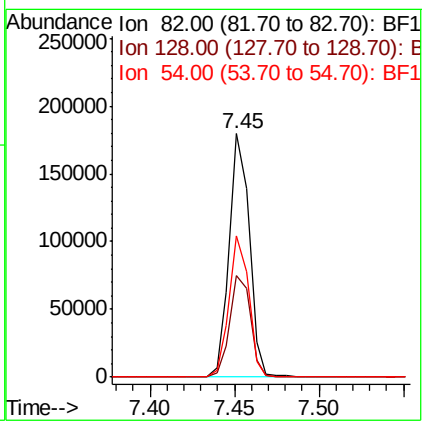


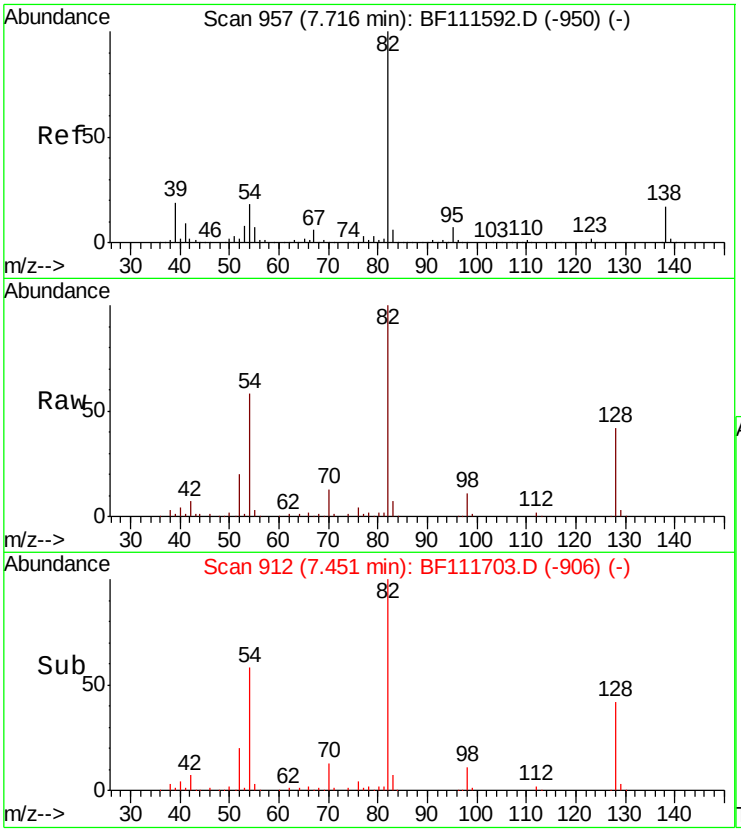


#23
Nitrobenzene-d5
Concen: 16.909 ng
RT: 7.45 min Scan# 912
Delta R.T. -0.01 min
Lab File: BF111703.D
Acq: 21 Dec 2018 22:31

Tgt Ion: 82 Resp: 148626

Ion	Ratio	Lower	Upper
82	100		
128	41.7	37.4	56.2
54	58.1	47.6	71.4



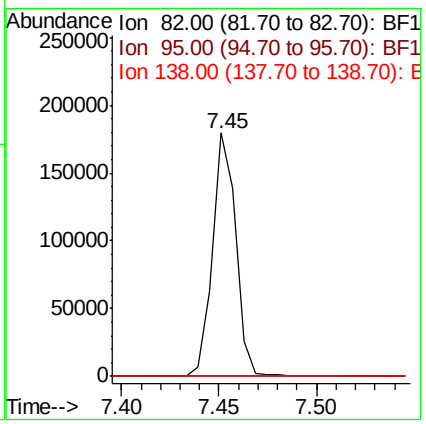


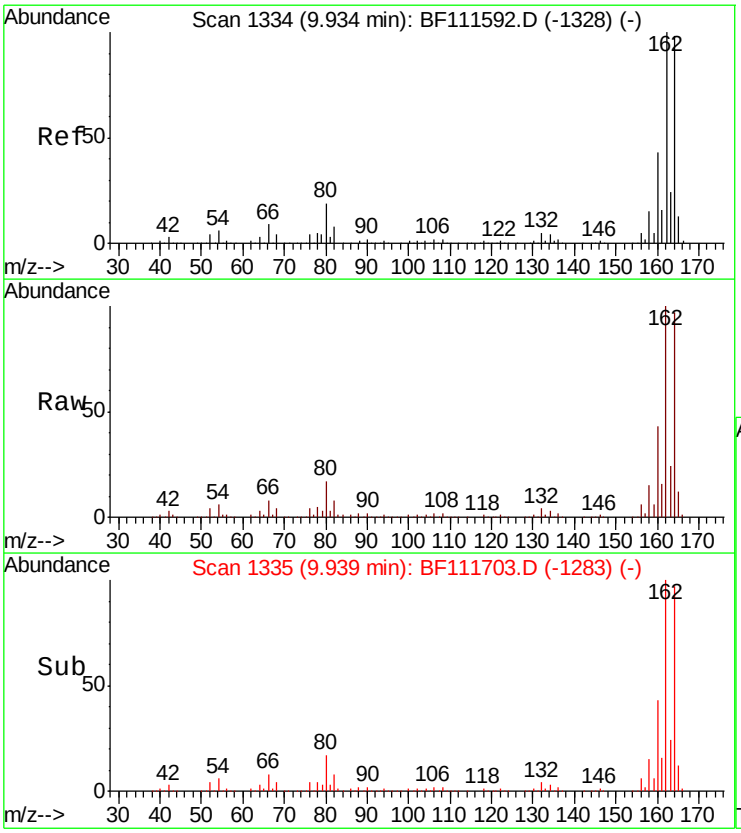
#25
Isophorone
Concen: 9.514 ng
RT: 7.45 min Scan# 912
Delta R.T. -0.26 min
Lab File: BF111703.D
Acq: 21 Dec 2018 22:31

Instrument :
BNA_F
ClientSampleId :
DFTPP

Tgt Ion: 82 Resp: 148456

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

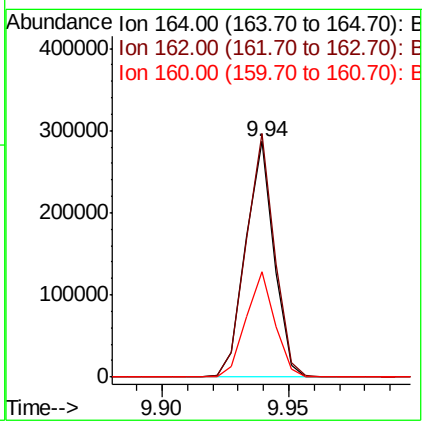


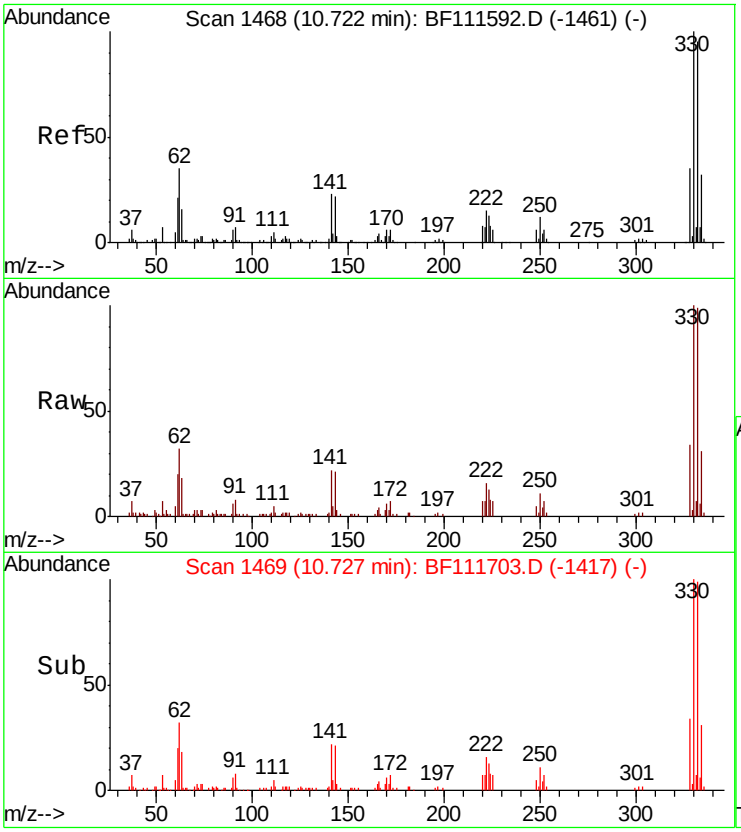


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.94 min Scan# 1335
Delta R.T. 0.01 min
Lab File: BF111703.D
Acq: 21 Dec 2018 22:31

Tgt Ion:164 Resp: 222839

Ion	Ratio	Lower	Upper
164	100		
162	103.3	81.4	122.0
160	44.7	35.7	53.5



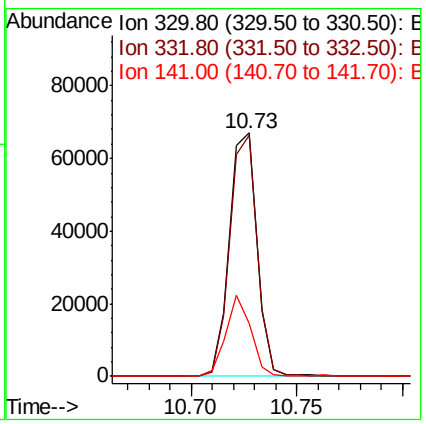


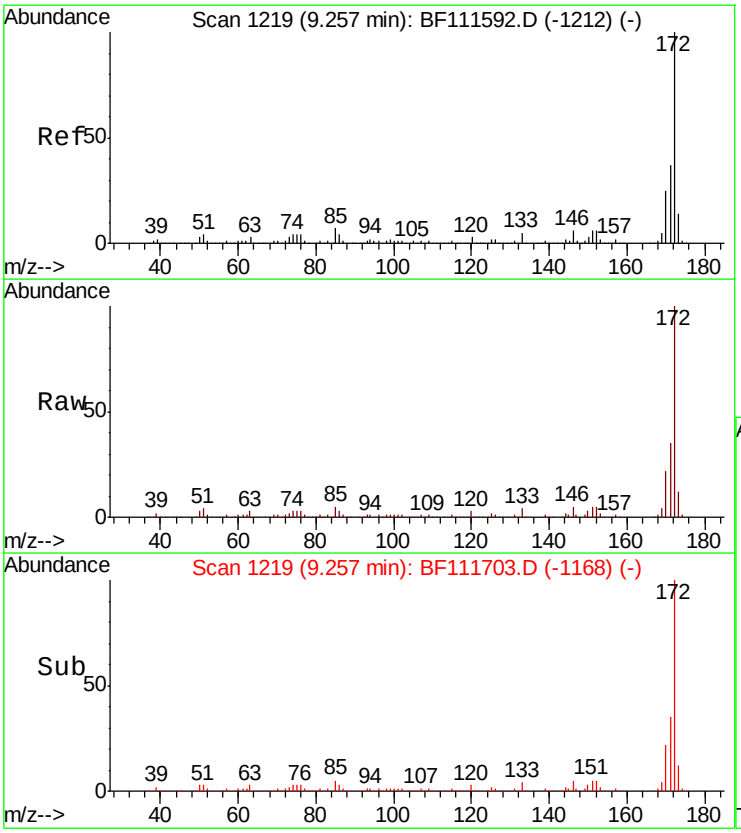
#42
2,4,6-Tribromophenol
Concen: 22.869 ng
RT: 10.73 min Scan# 1469
Delta R.T. 0.01 min
Lab File: BF111703.D
Acq: 21 Dec 2018 22:31

Instrument :
BNA_F
ClientSampleId :
DFTPP

Tgt Ion:330 Resp: 60215

Ion	Ratio	Lower	Upper
330	100		
332	97.8	76.0	114.0
141	30.1	31.0	46.6#

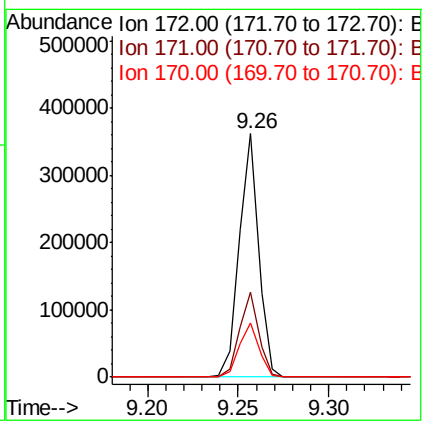


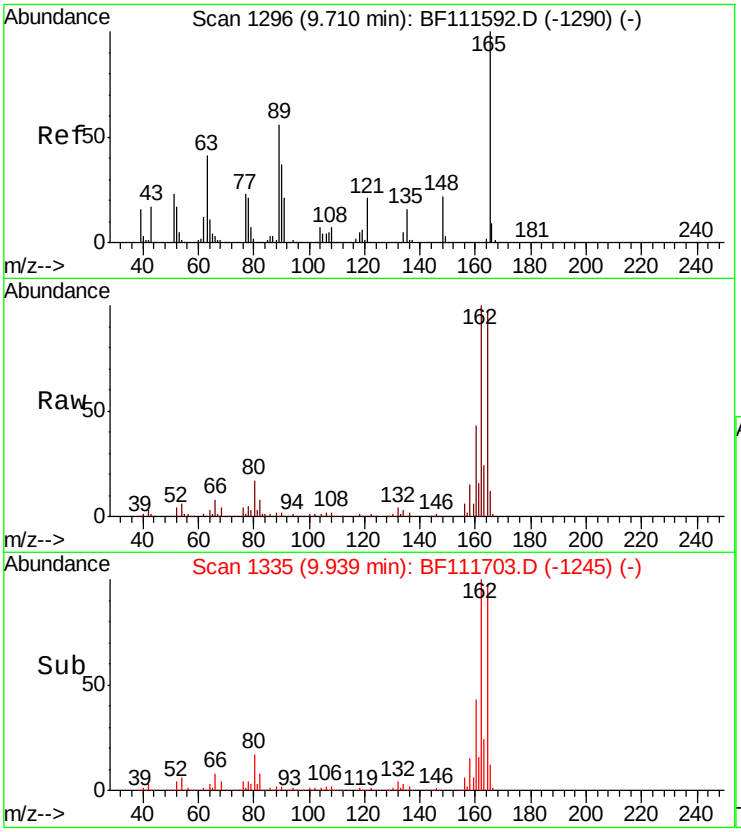


#45
2-Fluorobiphenyl
Concen: 17.639 ng
RT: 9.26 min Scan# 1219
Delta R.T. -0.00 min
Lab File: BF111703.D
Acq: 21 Dec 2018 22:31

Tgt Ion:172 Resp: 269665

Ion	Ratio	Lower	Upper
172	100		
171	35.0	33.0	49.4
170	22.4	22.3	33.5



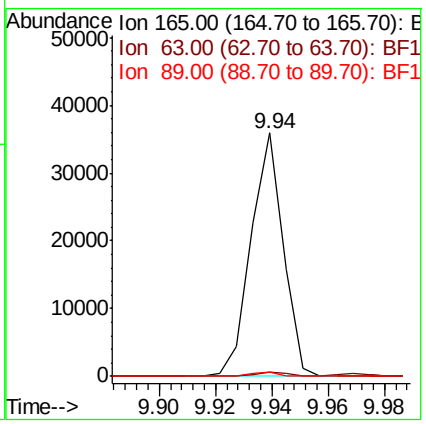


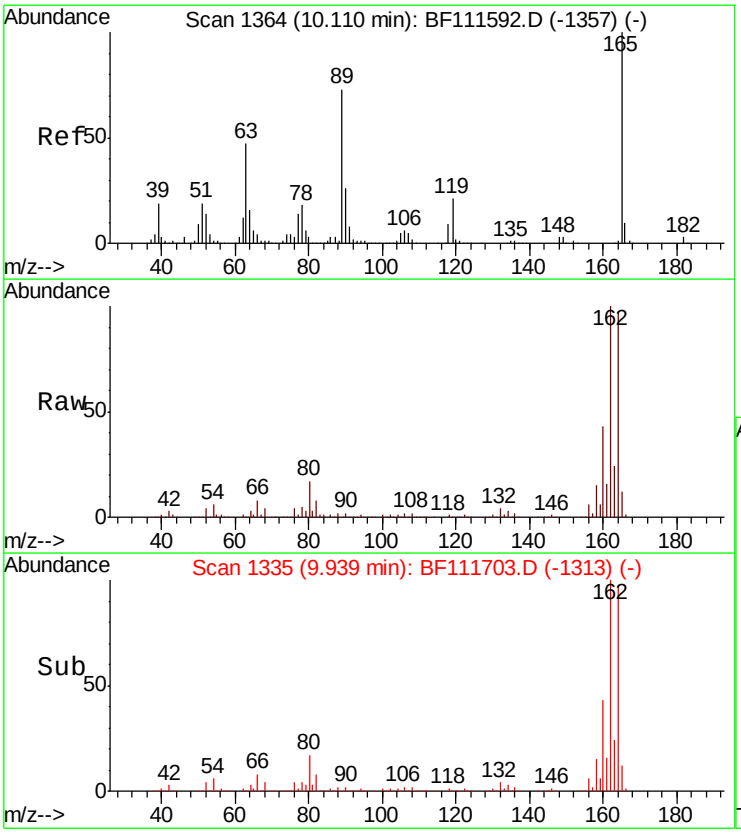
#51
2,6-Dinitrotoluene
Concen: 8.747 ng
RT: 9.94 min Scan# 1335
Delta R.T. 0.23 min
Lab File: BF111703.D
Acq: 21 Dec 2018 22:31

Instrument :
BNA_F
ClientSampleId :
DFTPP

Tgt Ion:165 Resp: 28421

Ion	Ratio	Lower	Upper
165	100		
63	1.9	40.5	60.7#
89	1.9	40.0	60.0#

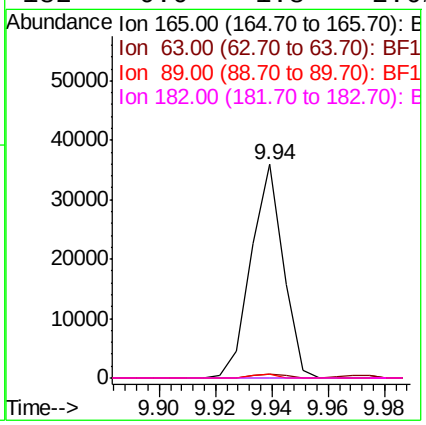


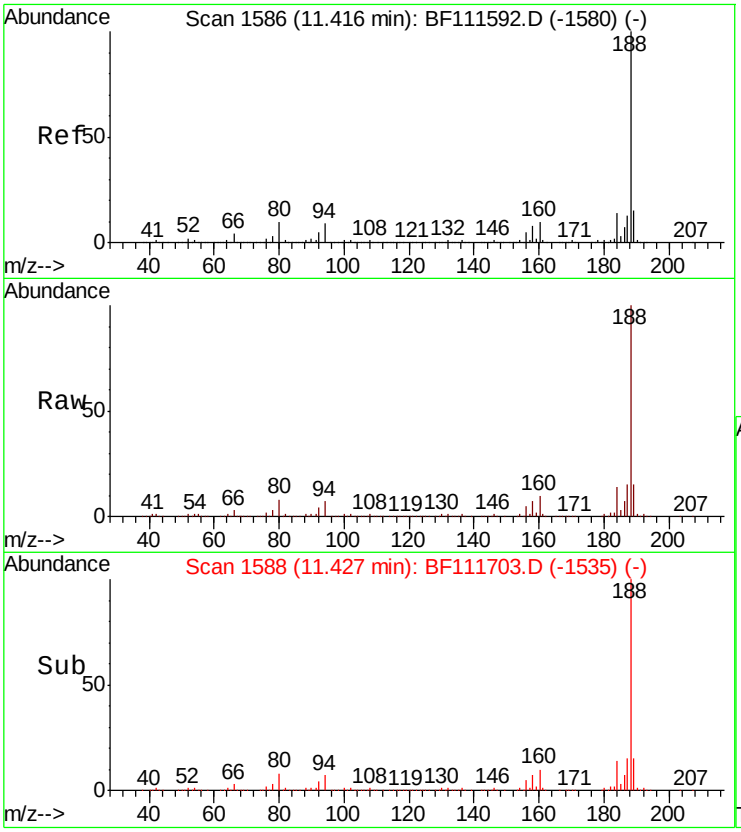


#57
2,4-Dinitrotoluene
Concen: 7.278 ng
RT: 9.94 min Scan# 1335
Delta R.T. -0.17 min
Lab File: BF111703.D
Acq: 21 Dec 2018 22:31

Tgt Ion:165 Resp: 28421

Ion	Ratio	Lower	Upper
165	100		
63	1.9	34.6	52.0#
89	1.9	56.2	84.4#
182	0.0	1.8	2.6#



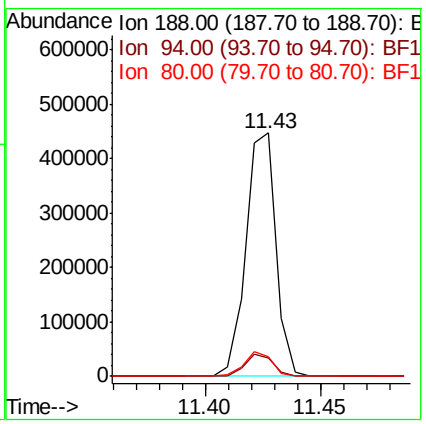


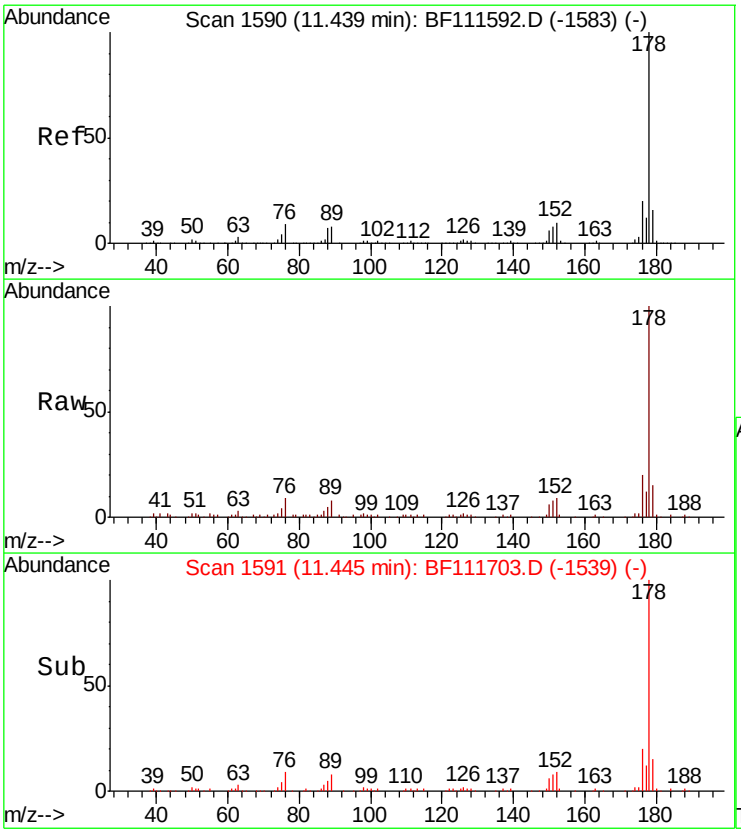
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.43 min Scan# 1588
Delta R.T. 0.01 min
Lab File: BF111703.D
Acq: 21 Dec 2018 22:31

Instrument :
BNA_F
ClientSampleId :
DFTPP

Tgt Ion:188 Resp: 405233

Ion	Ratio	Lower	Upper
188	100		
94	7.4	9.6	14.4#
80	8.1	9.8	14.6#

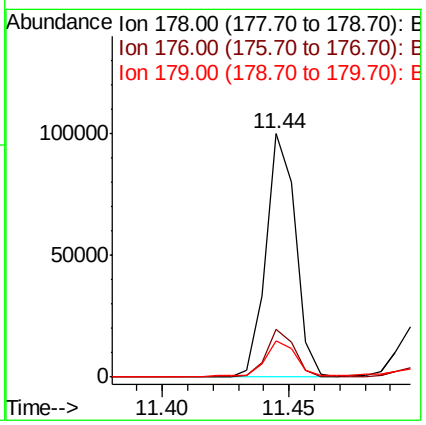


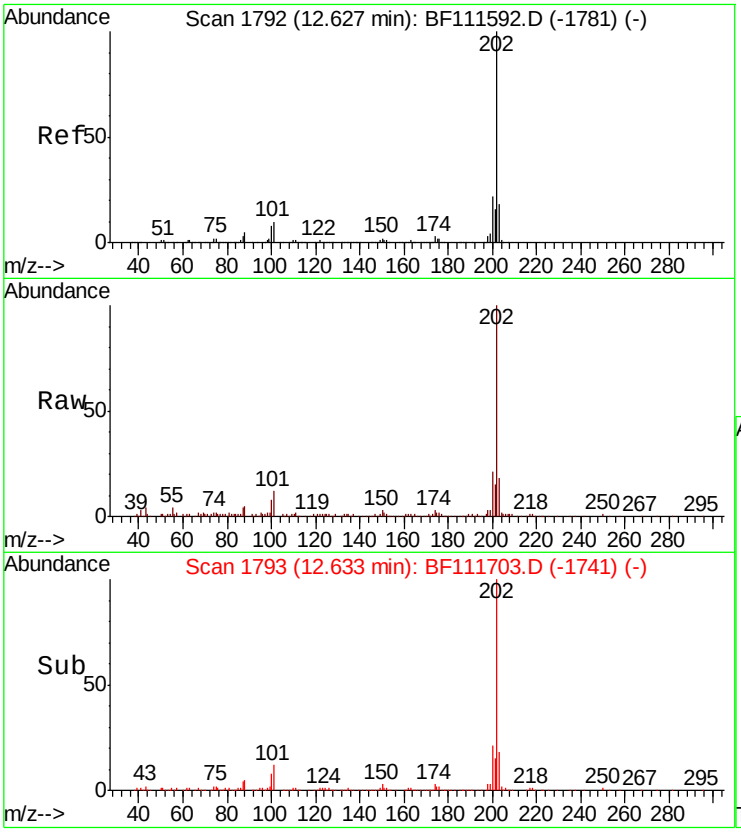


#71
Phenanthrene
Concen: 3.804 ng
RT: 11.44 min Scan# 1591
Delta R.T. 0.01 min
Lab File: BF111703.D
Acq: 21 Dec 2018 22:31

Tgt Ion:178 Resp: 81750

Ion	Ratio	Lower	Upper
178	100		
176	19.8	18.1	27.1
179	15.1	14.0	21.0



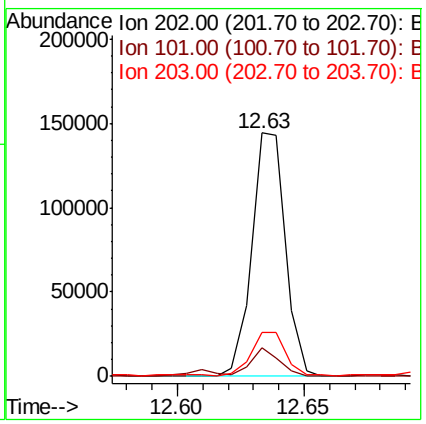


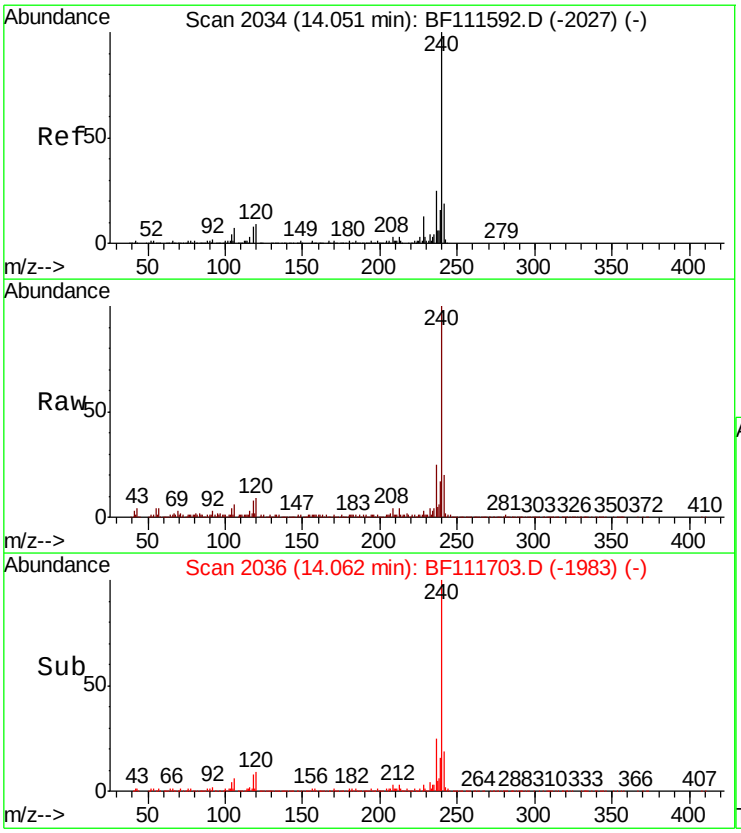
#75
Fluoranthene
Concen: 6.088 ng
RT: 12.63 min Scan# 1793
Delta R.T. 0.01 min
Lab File: BF111703.D
Acq: 21 Dec 2018 22:31

Instrument :
BNA_F
ClientSampleId :
DFTPP

Tgt Ion:202 Resp: 132488

Ion	Ratio	Lower	Upper
202	100		
101	11.7	0.0	33.8
203	18.0	0.0	38.6

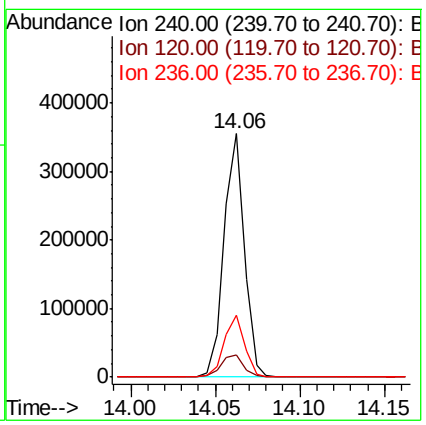


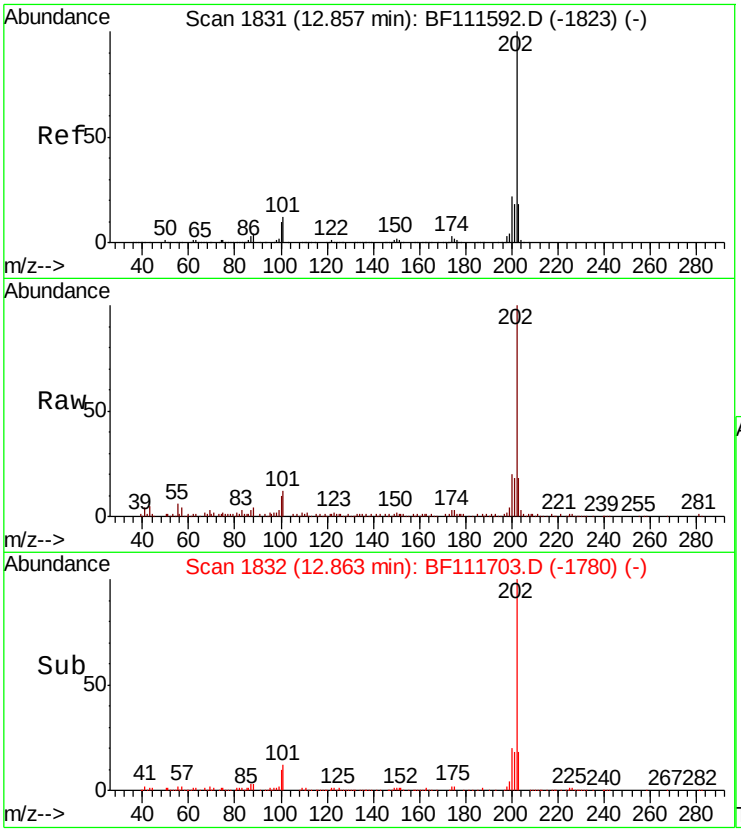


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.06 min Scan# 2036
Delta R.T. 0.01 min
Lab File: BF111703.D
Acq: 21 Dec 2018 22:31

Tgt Ion:240 Resp: 295449

Ion	Ratio	Lower	Upper
240	100		
120	9.3	12.2	18.2#
236	25.4	20.2	30.2



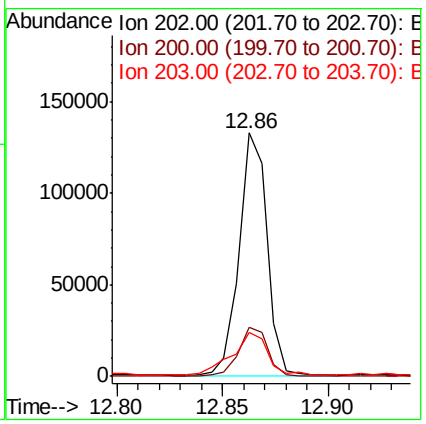


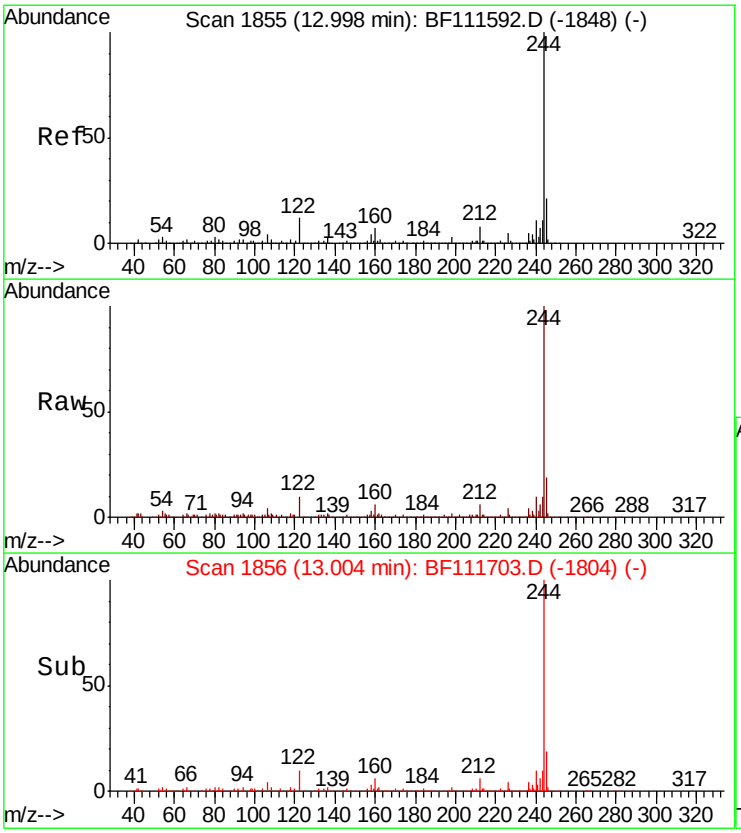
#78
Pyrene
Concen: 5.828 ng
RT: 12.86 min Scan# 1832
Delta R.T. 0.01 min
Lab File: BF111703.D
Acq: 21 Dec 2018 22:31

Instrument :
BNA_F
ClientSampleId :
DFTPP

Tgt Ion:202 Resp: 121597

Ion	Ratio	Lower	Upper
202	100		
200	20.1	19.0	28.4
203	18.3	15.2	22.8

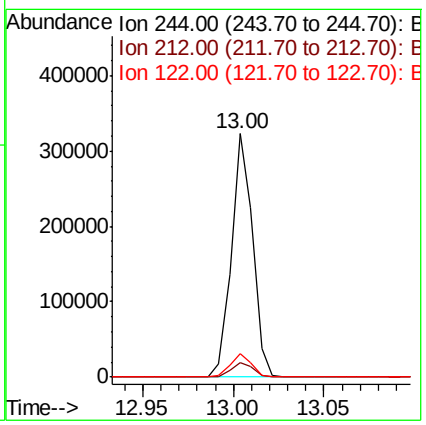


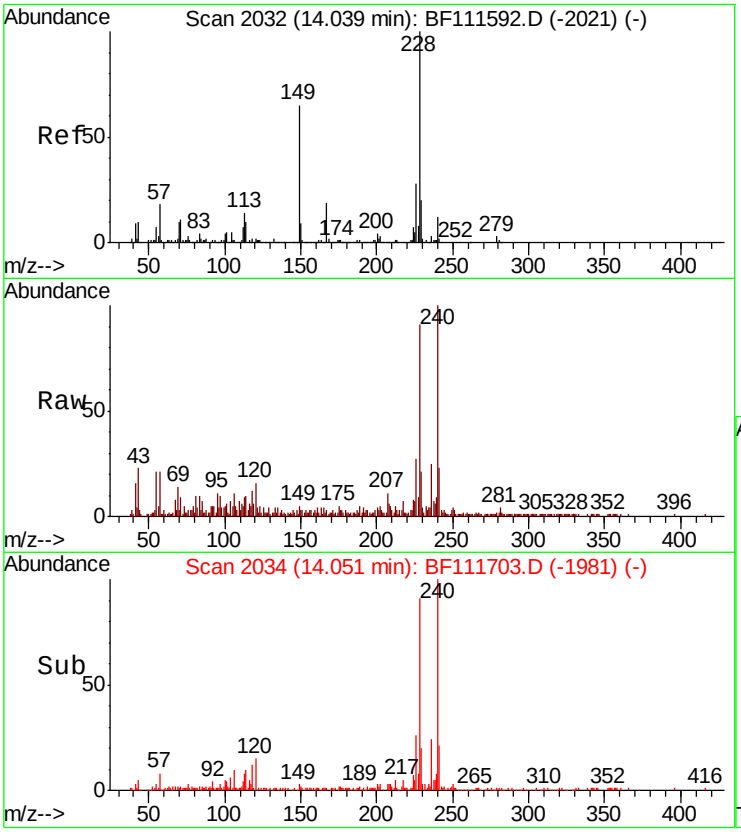


#79
Terphenyl-d14
Concen: 16.904 ng
RT: 13.00 min Scan# 1856
Delta R.T. 0.01 min
Lab File: BF111703.D
Acq: 21 Dec 2018 22:31

Tgt Ion:244 Resp: 263357

Ion	Ratio	Lower	Upper
244	100		
212	6.2	5.7	8.5
122	9.7	13.1	19.7#



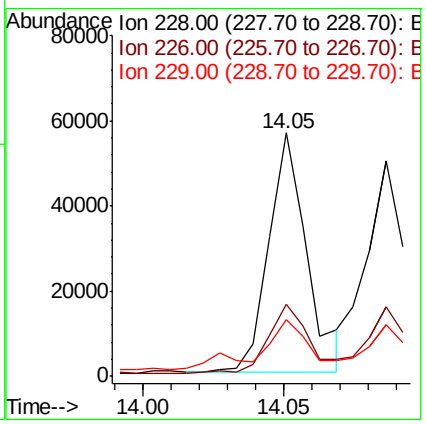


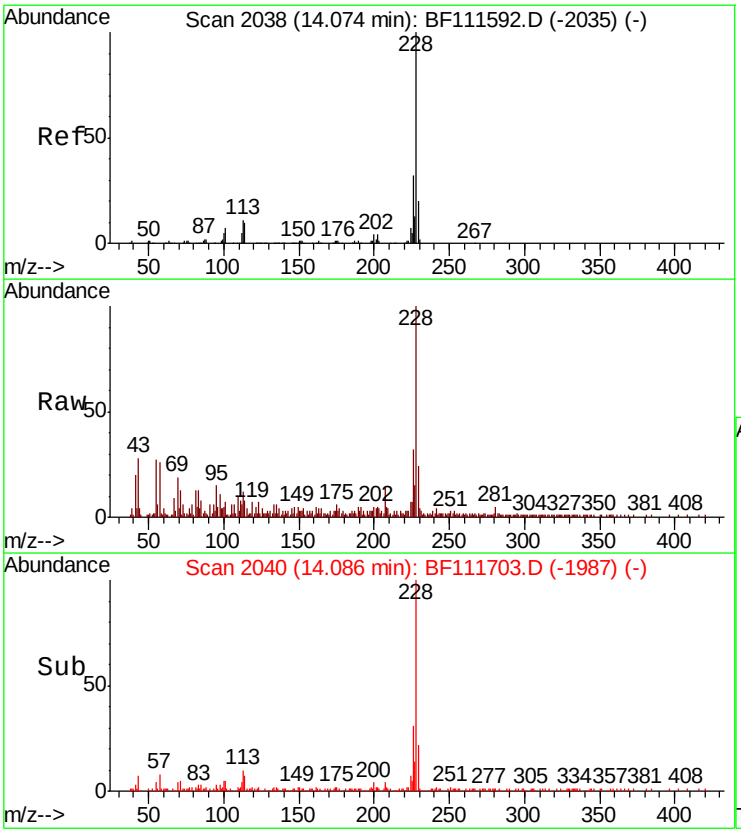
#81
Benzo(a)anthracene
Concen: 3.129 ng
RT: 14.05 min Scan# 2034
Delta R.T. 0.01 min
Lab File: BF111703.D
Acq: 21 Dec 2018 22:31

Instrument :
BNA_F
ClientSampleId :
DFTPP

Tgt Ion:228 Resp: 52759

Ion	Ratio	Lower	Upper
228	100		
226	29.4	22.6	34.0
229	23.4	16.3	24.5

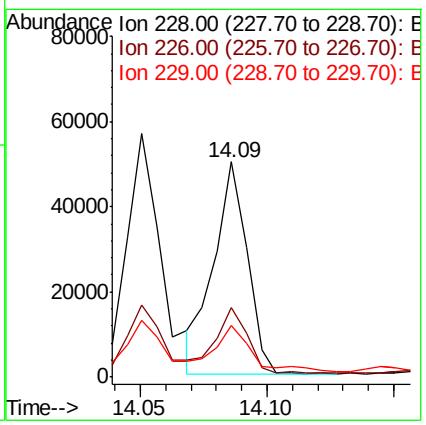


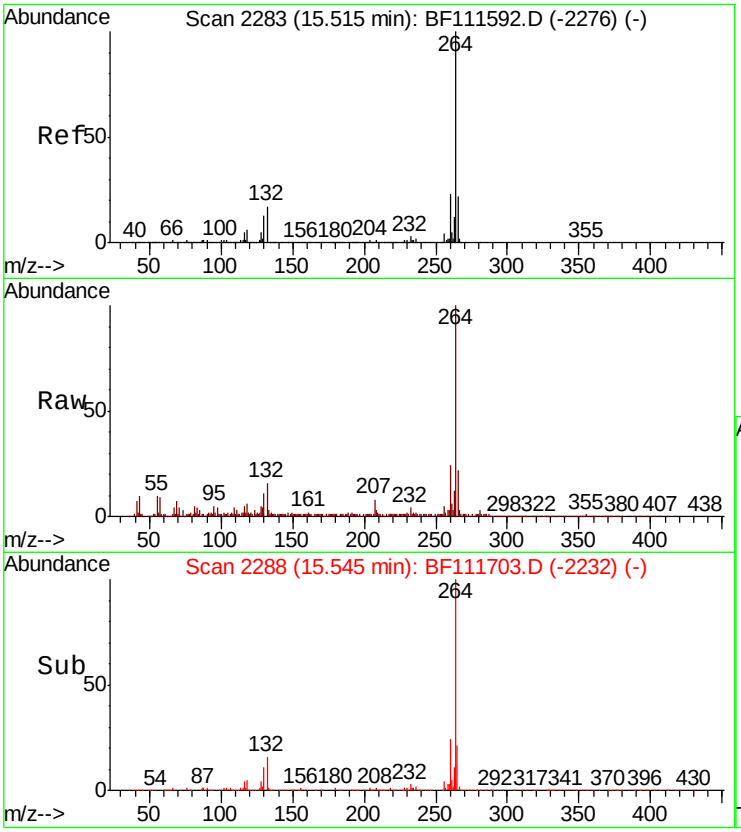


#83
Chrysene
Concen: 2.763 ng
RT: 14.09 min Scan# 2040
Delta R.T. 0.01 min
Lab File: BF111703.D
Acq: 21 Dec 2018 22:31

Tgt Ion:228 Resp: 45784

Ion	Ratio	Lower	Upper
228	100		
226	32.4	25.3	37.9
229	24.2	17.2	25.8



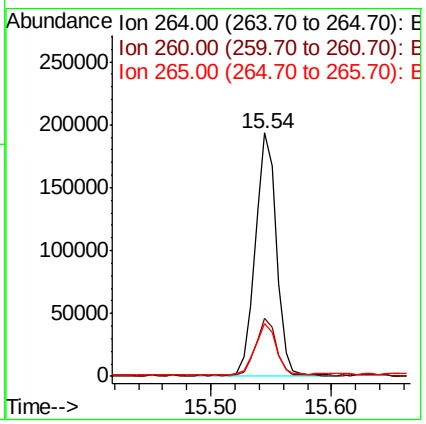


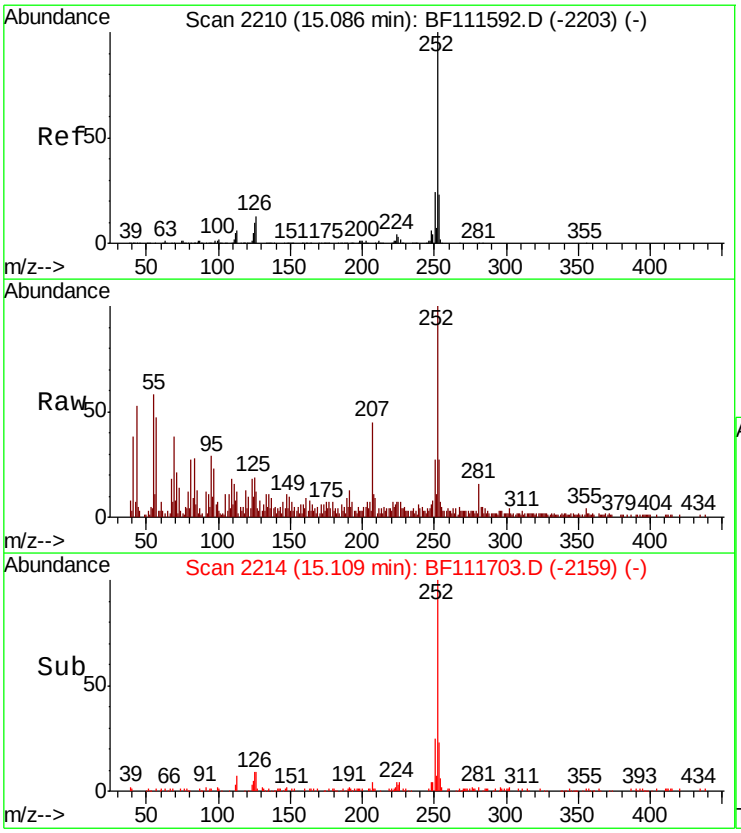
#87
Perylene-d12
Concen: 20.000 ng
RT: 15.54 min Scan# 2288
Delta R.T. 0.03 min
Lab File: BF111703.D
Acq: 21 Dec 2018 22:31

Instrument :
BNA_F
ClientSampleId :
DFTPP

Tgt Ion:264 Resp: 234555

Ion	Ratio	Lower	Upper
264	100		
260	24.0	18.3	27.5
265	21.8	17.7	26.5

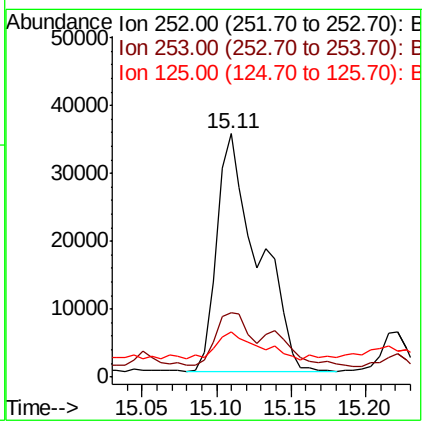


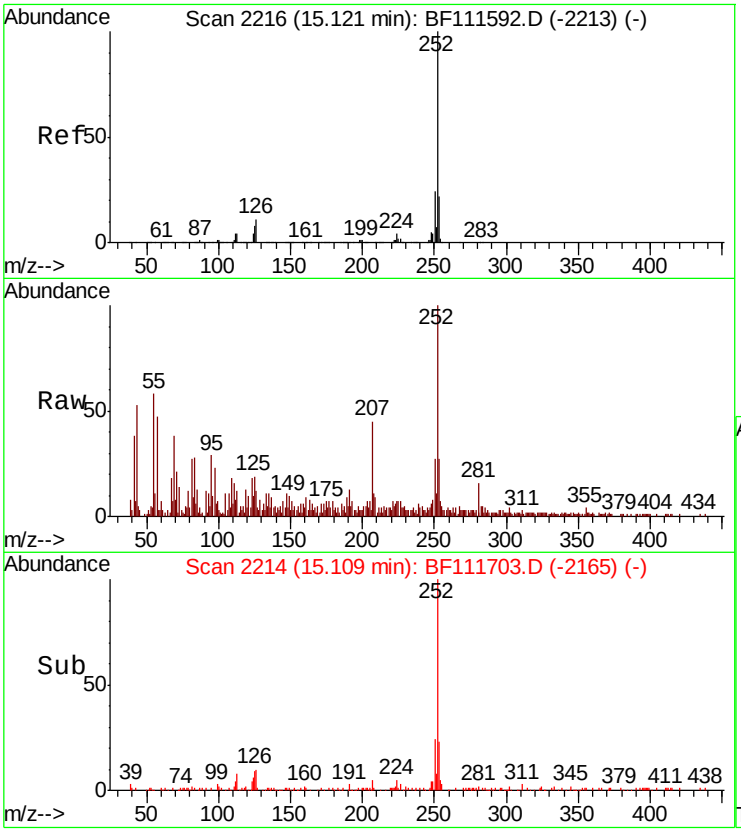


#88
Benzo(b)fluoranthene
Concen: 4.955 ng
RT: 15.11 min Scan# 2214
Delta R.T. 0.02 min
Lab File: BF111703.D
Acq: 21 Dec 2018 22:31

Tgt Ion:252 Resp: 67926

Ion	Ratio	Lower	Upper
252	100		
253	26.6	18.2	27.2
125	18.6	10.4	15.6#



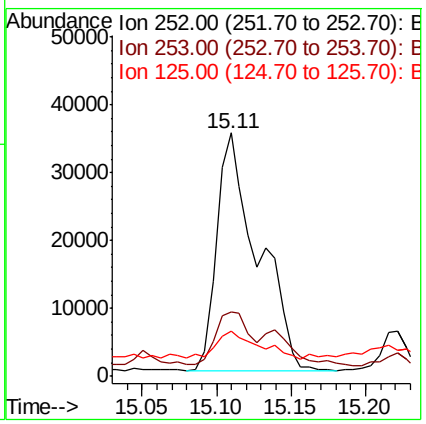


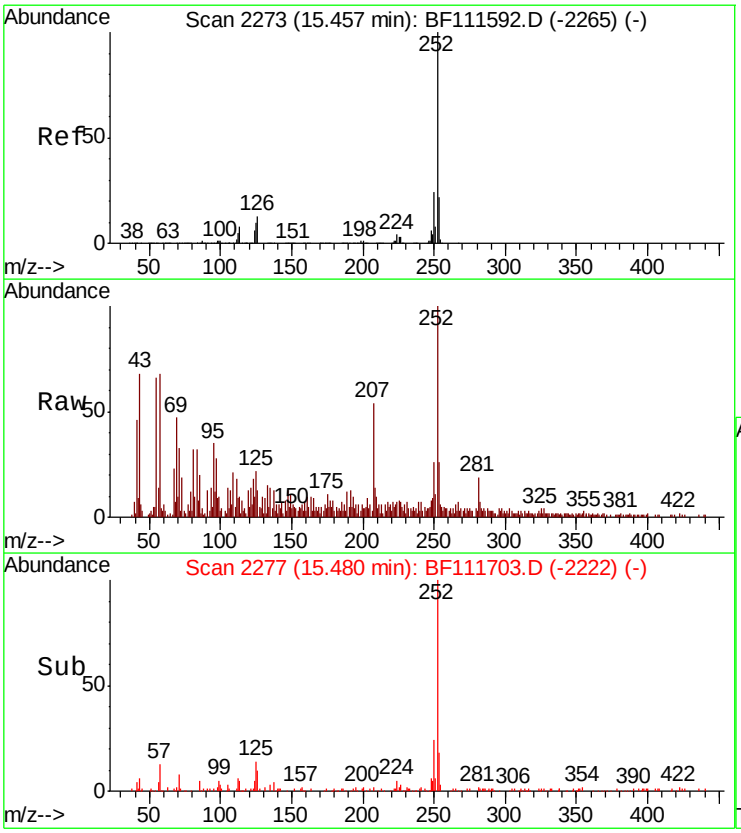
#89
Benzo(k)fluoranthene
Concen: 5.205 ng
RT: 15.11 min Scan# 2214
Delta R.T. -0.01 min
Lab File: BF111703.D
Acq: 21 Dec 2018 22:31

Instrument :
BNA_F
ClientSampleId :
DFTPP

Tgt Ion:252 Resp: 67926

Ion	Ratio	Lower	Upper
252	100		
253	26.6	18.1	27.1
125	18.6	9.8	14.8#





#90
Benzo(a)pyrene
Concen: 2.792 ng
RT: 15.48 min Scan# 2277
Delta R.T. 0.02 min
Lab File: BF111703.D
Acq: 21 Dec 2018 22:31

Tgt Ion:252 Resp: 34767

Ion	Ratio	Lower	Upper
252	100		
253	26.5	17.8	26.8
125	22.3	12.3	18.5#