Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012020\
Data File : BF118612.D
Acq On : 21 Jan 2020 1:03
Operator : CG/JU
Sample : L1164-07
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Jan 21 01:44:59 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 20 14:45:03 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	454248	20.00	ng		0.00
21) Naphthalene-d8	8.16	136	1516494	20.00	ng		0.00
39) Acenaphthene-d10	9.92	164	717248	20.00	ng		-0.01
64) Phenanthrene-d10	11.40	188	1149680	20.00	ng		0.00
76) Chrysene-d12	14.04	240	936815	20.00	ng		0.00
87) Perylene-d12	15.53	264	817316	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.50	112	2340396	95.69	ng		0.00
7) Phenol-d6	6.50	99	3053564	96.06	ng		0.00
23) Nitrobenzene-d5	7.44	82	1836318	67.73	ng		0.00
42) 2,4,6-Tribromophenol	10.70	330	712651	85.90	ng		0.00
45) 2-Fluorobiphenyl	9.24	172	3104535	71.14	ng		0.00
79) Terphenyl-d14	12.99	244	3254545	75.77	ng		0.00
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.44	70	260087	12.117	ng	#	78
25) Isophorone	7.44	82	1831553	37.037	ng	#	64
50) Dimethylphthalate	9.63	163	206832	4.426	ng		96
57) 2,4-Dinitrotoluene	9.92	165	97747	7.410	ng	#	25
67) 4-Bromophenyl-phenylether	10.70	248	45918	3.233	ng	#	1
71) Phenanthrene	11.43	178	559237	10.083	ng		92
72) Anthracene	11.43	178	559237	10.190	ng		93
75) Fluoranthene	12.62	202	1055137	18.036	ng		94
78) Pyrene	12.84	202	939485	14.771	ng		92
81) Benzo(a)anthracene	14.03	228	554990	9.848	ng		97
83) Chrysene	14.07	228	544977	10.090	ng		97
86) Indeno(1,2,3-cd)pyrene	17.01	276	265254	5.652	ng		97
88) Benzo(b)fluoranthene	15.09	252	892340	17.369	ng	#	87
89) Benzo(k)fluoranthene	15.09	252	892340	18.748	ng	#	88
90) Benzo(a)pyrene	15.46	252	409944	9.250	ng	#	89
92) Benzo(g,h,i)perylene	17.46	276	250500	6.581	ng	#	90

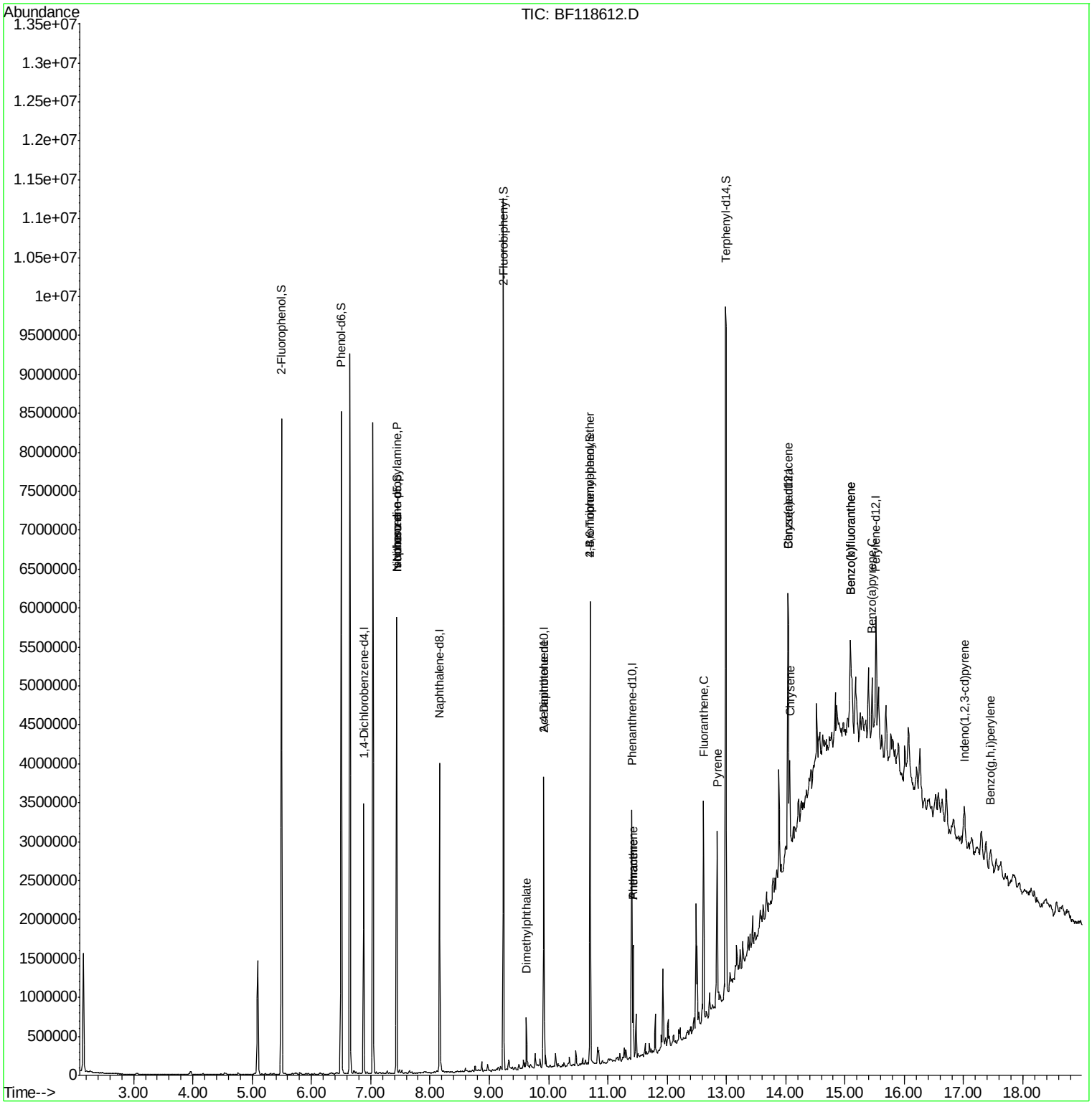
(#) = qualifier out of range (m) = manual integration (+) = signals summed

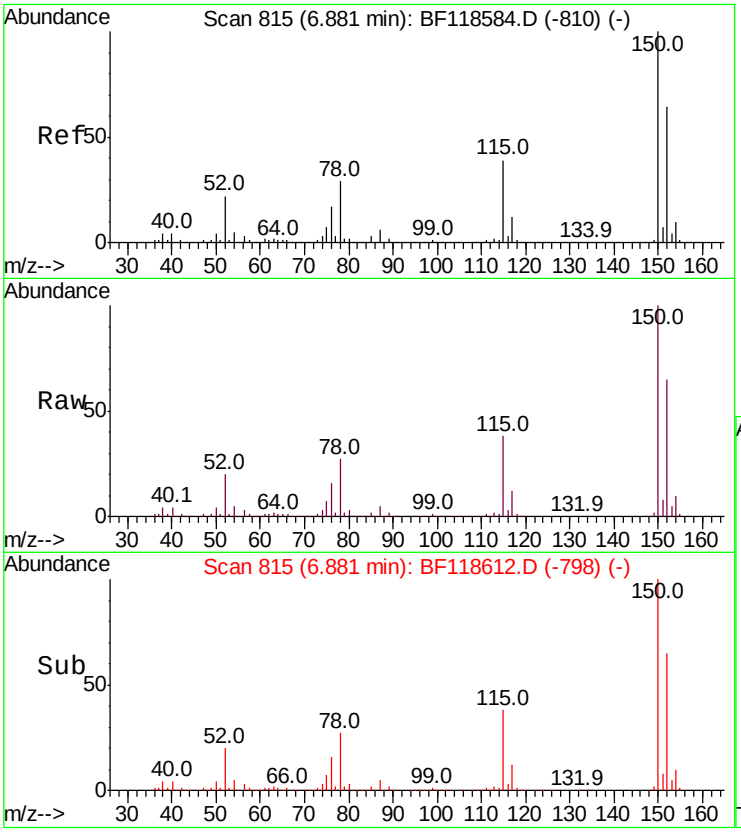
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012020\
Data File : BF118612.D
Acq On : 21 Jan 2020 1:03
Operator : CG/JU
Sample : L1164-07
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Jan 21 01:44:59 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 20 14:45:03 2020
Response via : Initial Calibration



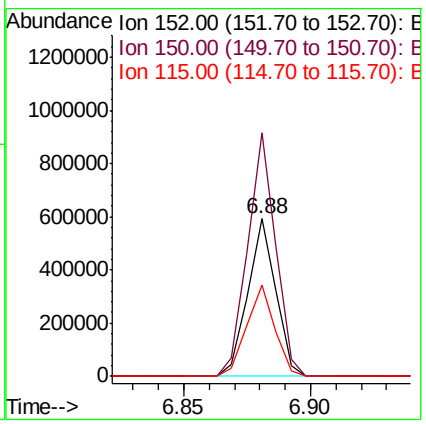


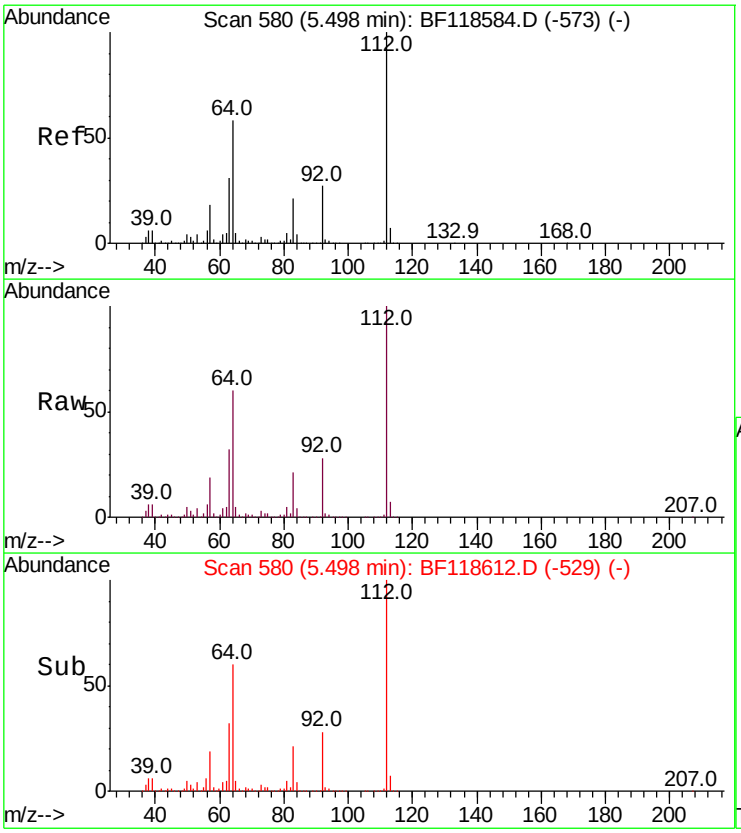
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.88 min Scan# 815
Delta R.T. 0.00 min
Lab File: BF118612.D
Acq: 21 Jan 2020 1:03

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 454248

Ion	Ratio	Lower	Upper
152	100		
150	154.8	125.6	188.4
115	58.2	48.4	72.6

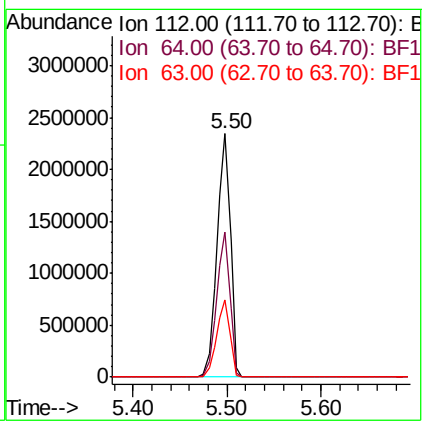


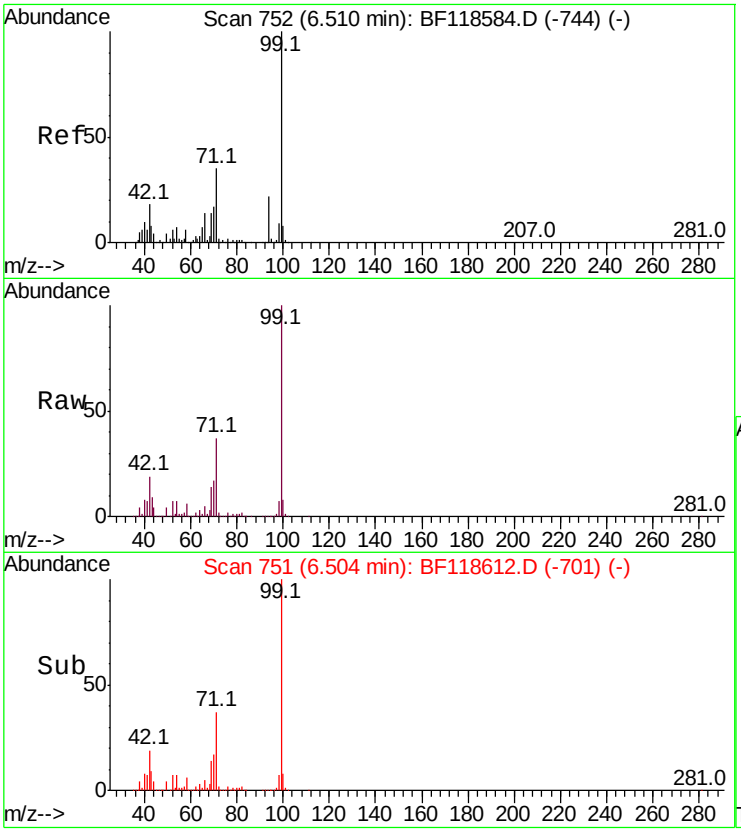


#5
2-Fluorophenol
Concen: 95.690 ng
RT: 5.50 min Scan# 580
Delta R.T. 0.00 min
Lab File: BF118612.D
Acq: 21 Jan 2020 1:03

Tgt Ion:112 Resp: 2340396

Ion	Ratio	Lower	Upper
112	100		
64	59.6	46.6	70.0
63	31.9	25.1	37.7



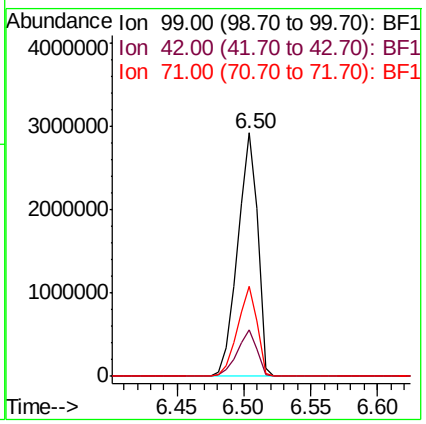


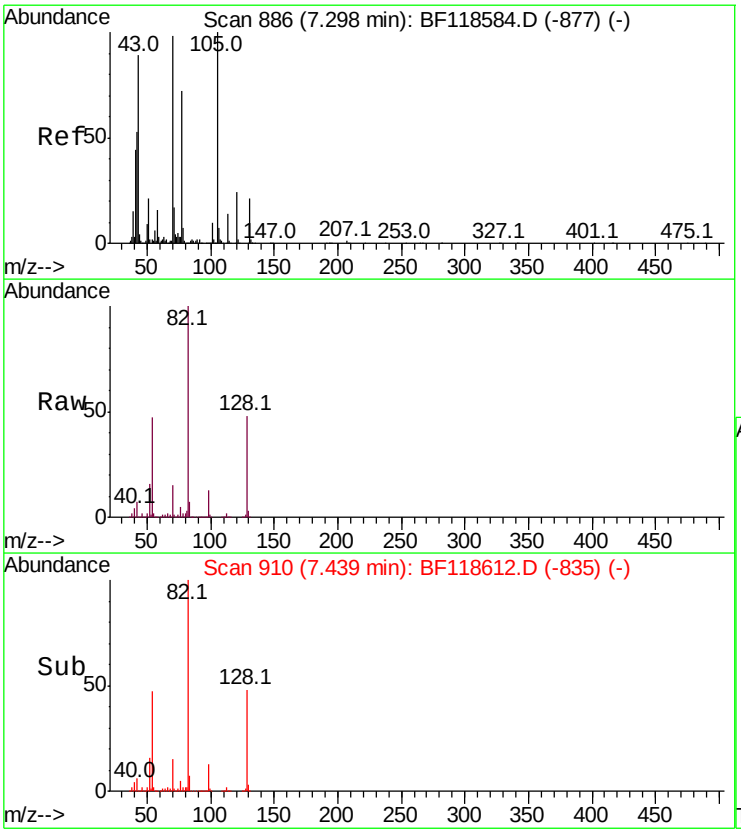
#7
Phenol-d6
Concen: 96.057 ng
RT: 6.50 min Scan# 751
Delta R.T. -0.01 min
Lab File: BF118612.D
Acq: 21 Jan 2020 1:03

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 3053564

Ion	Ratio	Lower	Upper
99	100		
42	19.0	14.2	21.2
71	37.2	27.8	41.6

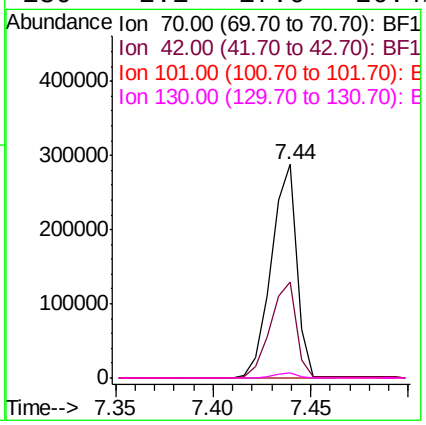


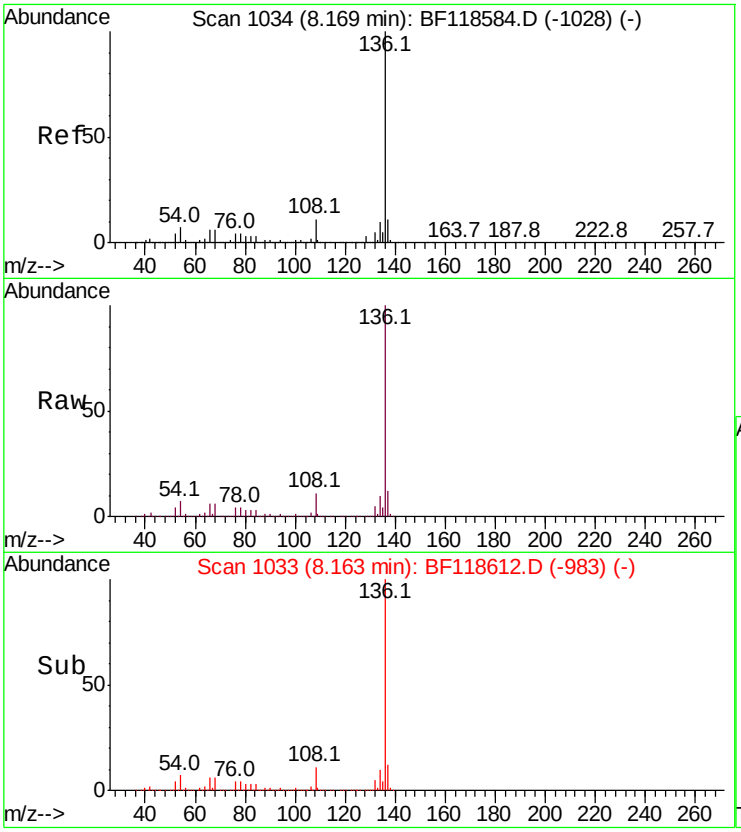


#19
n-Nitroso-di-n-propylamine
Concen: 12.117 ng
RT: 7.44 min Scan# 910
Delta R.T. 0.14 min
Lab File: BF118612.D
Acq: 21 Jan 2020 1:03

Tgt Ion: 70 Resp: 260087

Ion	Ratio	Lower	Upper
70	100		
42	44.7	43.4	65.0
101	0.0	8.1	12.1#
130	2.1	17.6	26.4#



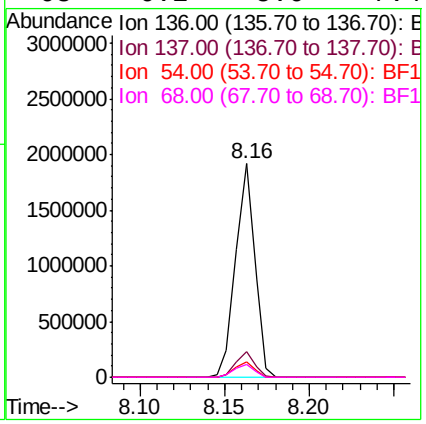


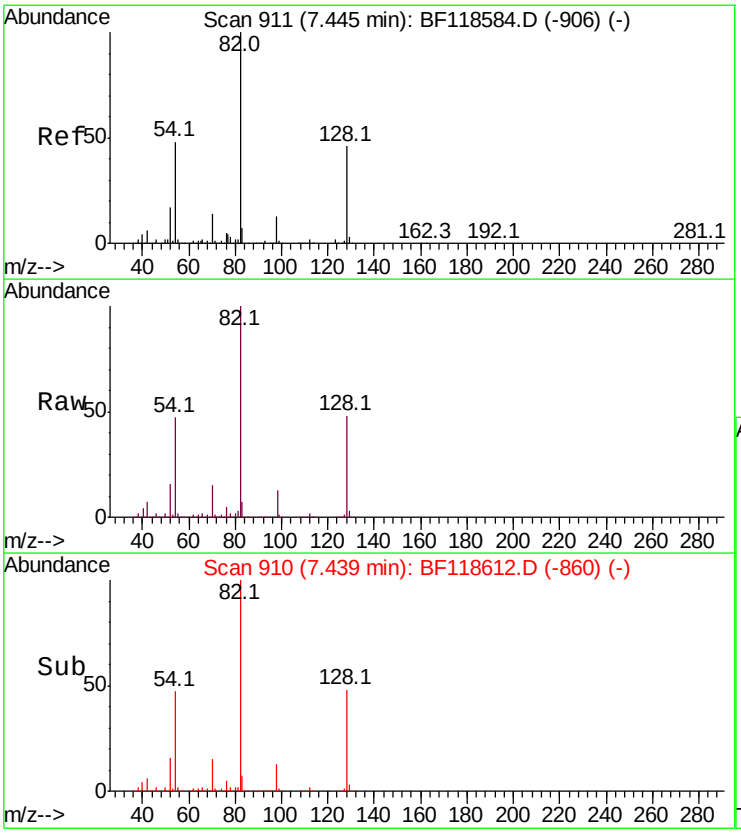
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF118612.D
Acq: 21 Jan 2020 1:03

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 1516494

Ion	Ratio	Lower	Upper
136	100		
137	11.8	9.1	13.7
54	7.3	5.8	8.6
68	6.2	5.0	7.4

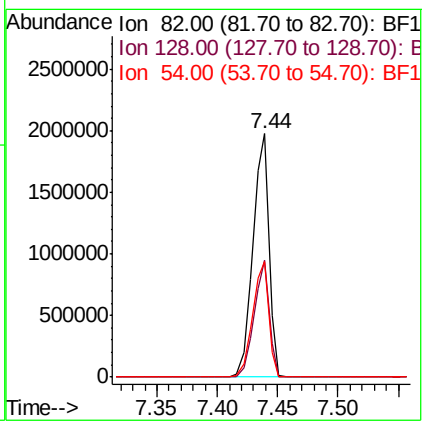


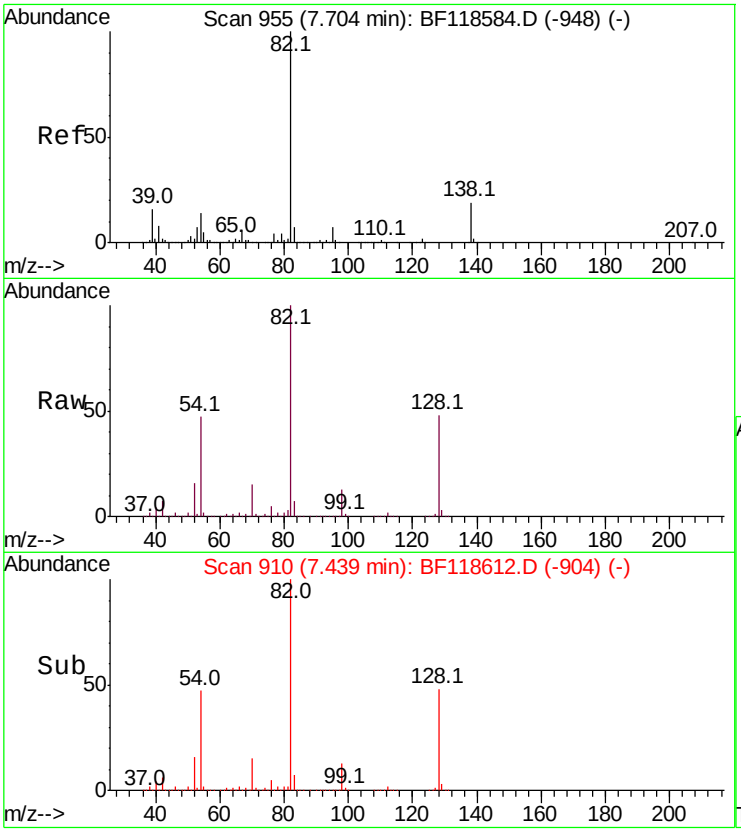


#23
Nitrobenzene-d5
Concen: 67.730 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.01 min
Lab File: BF118612.D
Acq: 21 Jan 2020 1:03

Tgt Ion: 82 Resp: 1836318

Ion	Ratio	Lower	Upper
82	100		
128	48.1	36.6	54.8
54	47.5	38.0	57.0



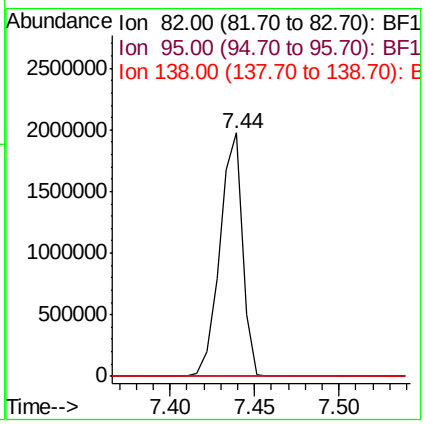


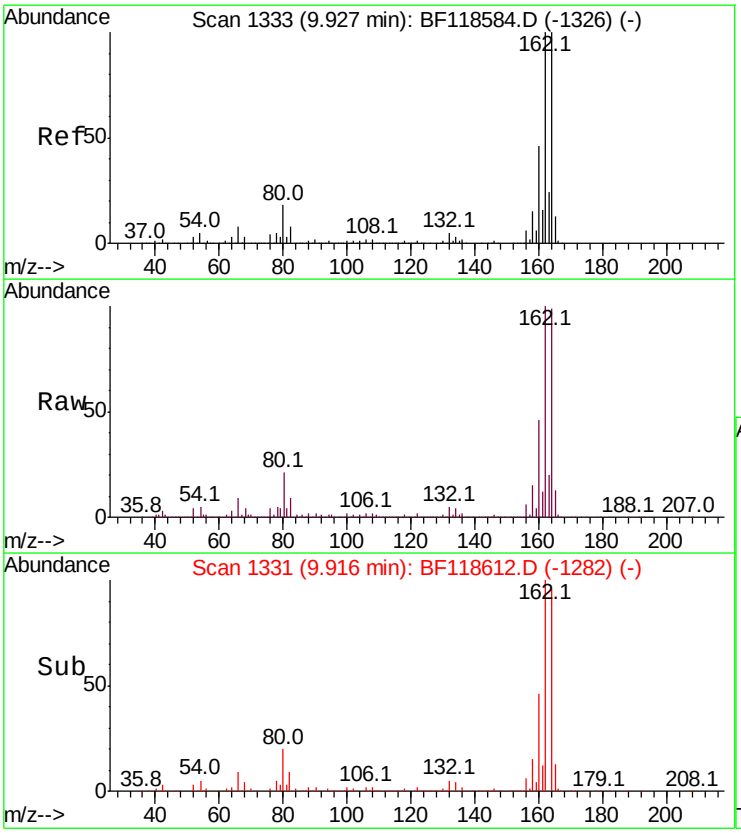
#25
Isophorone
Concen: 37.037 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.26 min
Lab File: BF118612.D
Acq: 21 Jan 2020 1:03

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 1831553

Ion	Ratio	Lower	Upper
82	100		
95	0.1	5.9	8.9#
138	0.0	15.3	22.9#

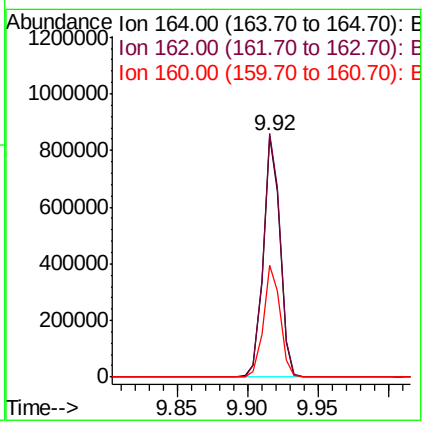


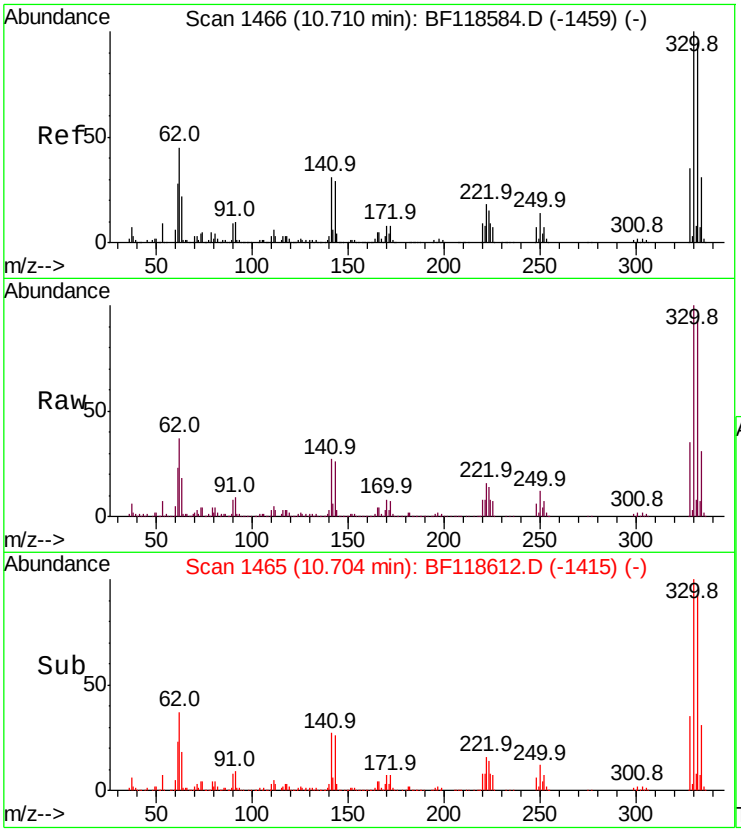


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.01 min
Lab File: BF118612.D
Acq: 21 Jan 2020 1:03

Tgt Ion:164 Resp: 717248

Ion	Ratio	Lower	Upper
164	100		
162	100.8	80.4	120.6
160	46.1	36.6	55.0



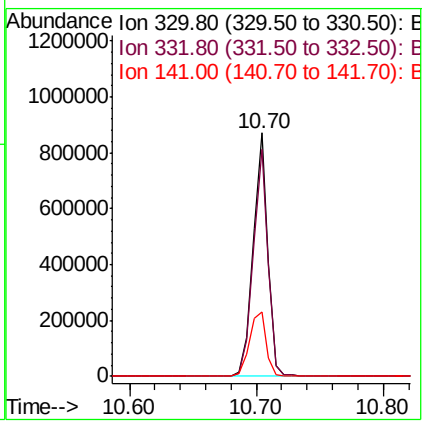


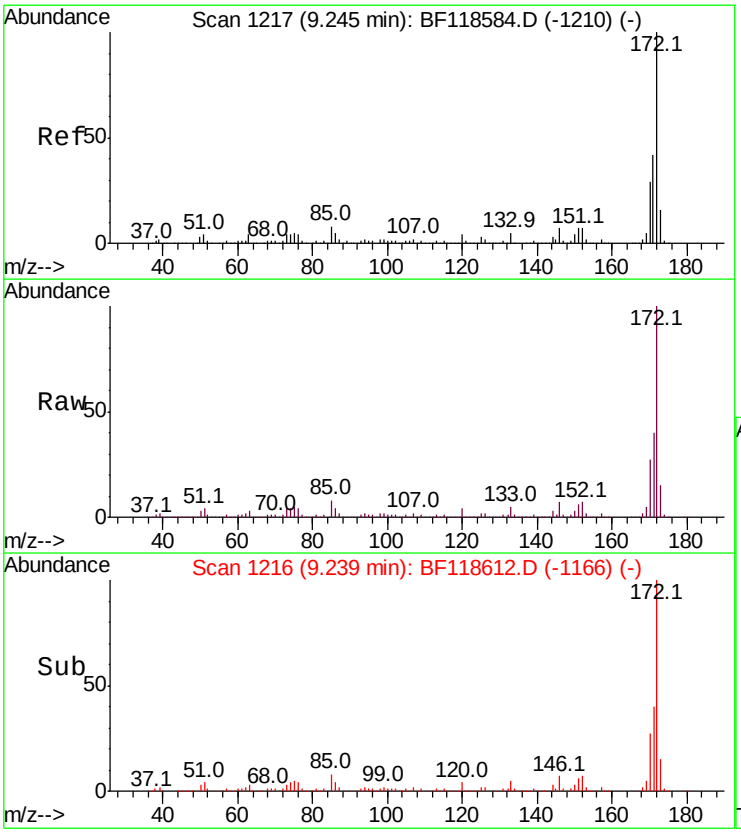
#42
2,4,6-Tribromophenol
Concen: 85.904 ng
RT: 10.70 min Scan# 1465
Delta R.T. -0.01 min
Lab File: BF118612.D
Acq: 21 Jan 2020 1:03

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 712651

Ion	Ratio	Lower	Upper
330	100		
332	94.7	76.2	114.4
141	29.9	23.9	35.9

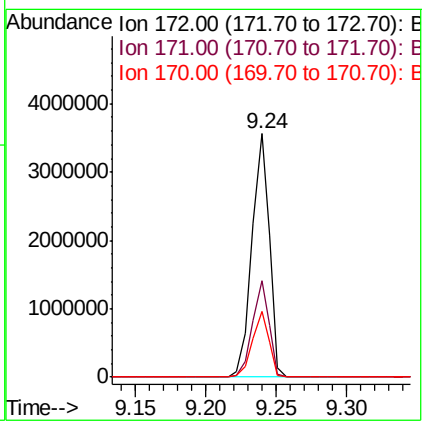


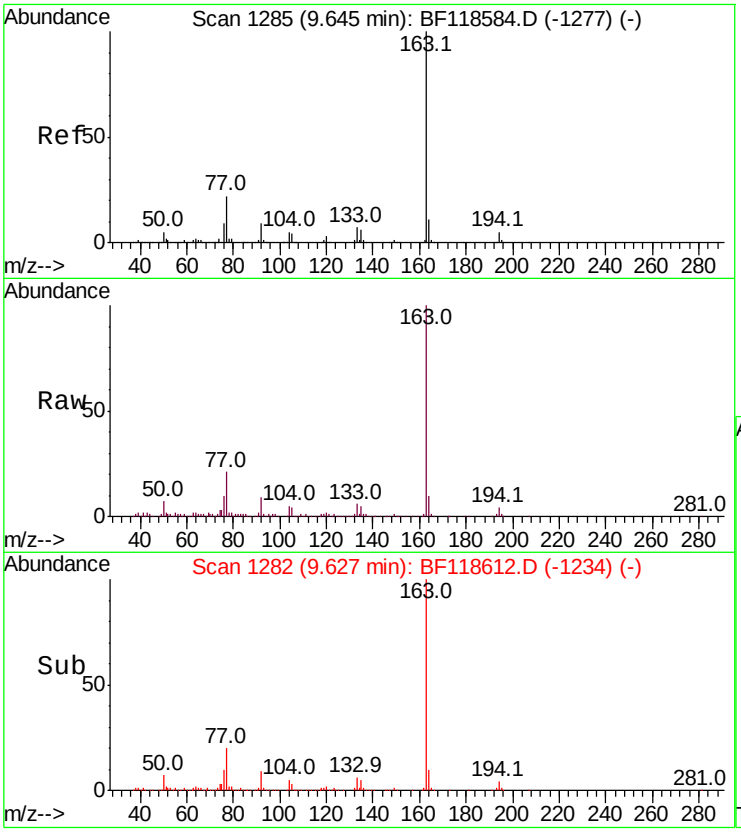


#45
2-Fluorobiphenyl
Concen: 71.142 ng
RT: 9.24 min Scan# 1216
Delta R.T. -0.01 min
Lab File: BF118612.D
Acq: 21 Jan 2020 1:03

Tgt Ion:172 Resp: 3104535

Ion	Ratio	Lower	Upper
172	100		
171	39.6	33.4	50.2
170	26.9	23.2	34.8



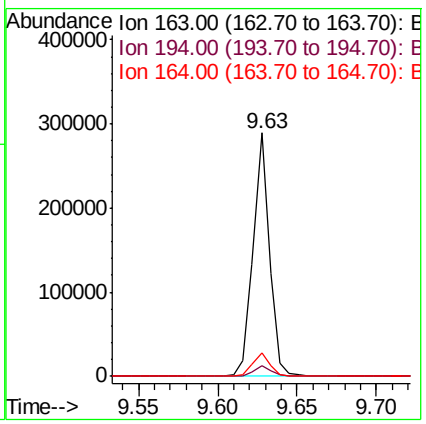


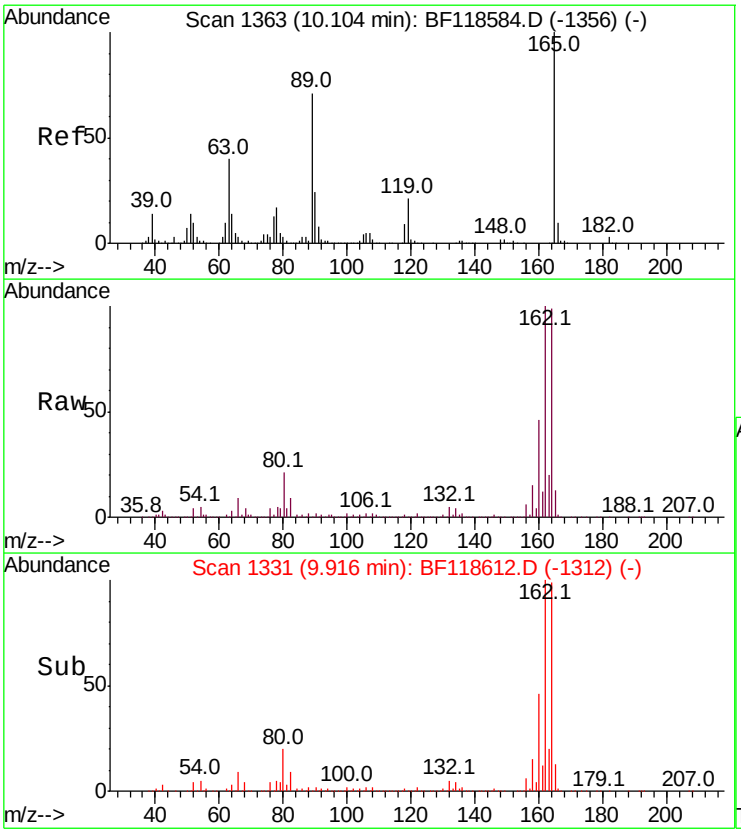
#50
Dimethylphthalate
Concen: 4.426 ng
RT: 9.63 min Scan# 1282
Delta R.T. -0.02 min
Lab File: BF118612.D
Acq: 21 Jan 2020 1:03

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:163 Resp: 206832

Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.9	5.9
164	9.8	9.1	13.7

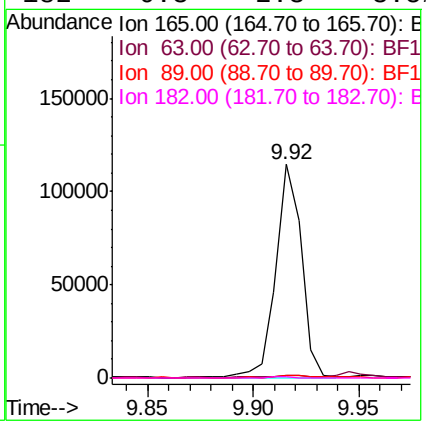


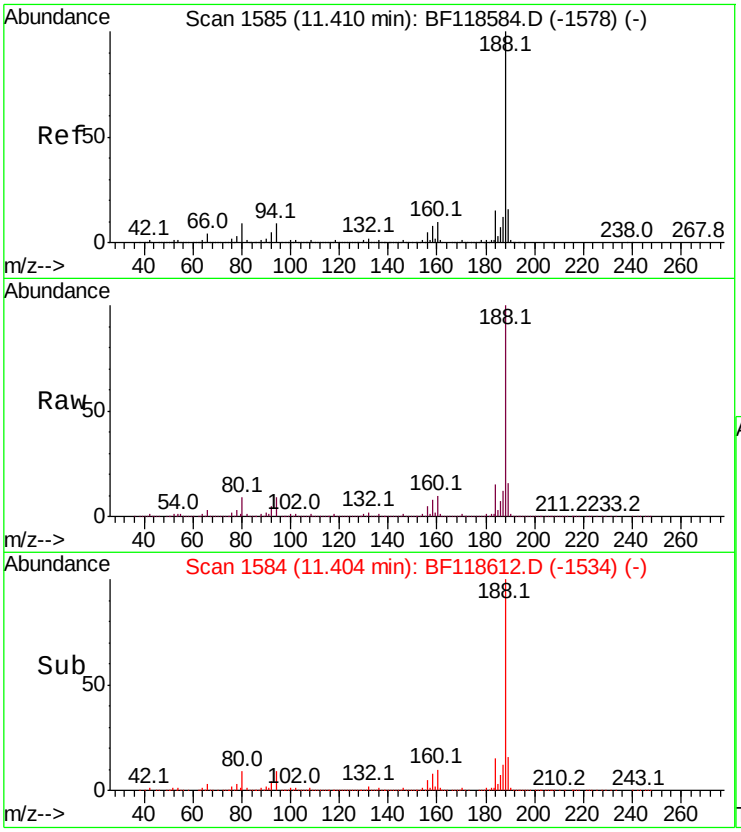


#57
2,4-Dinitrotoluene
Concen: 7.410 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.19 min
Lab File: BF118612.D
Acq: 21 Jan 2020 1:03

Tgt Ion:165 Resp: 97747

Ion	Ratio	Lower	Upper
165	100		
63	1.1	32.4	48.6#
89	1.4	56.4	84.6#
182	0.3	2.3	3.5#



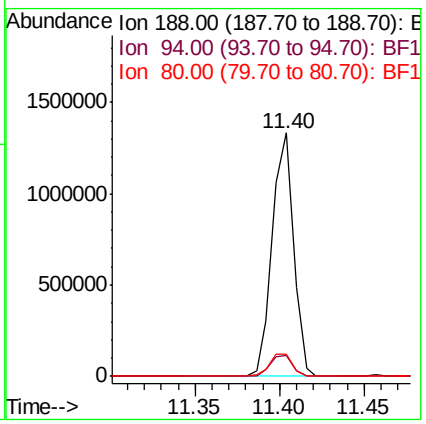


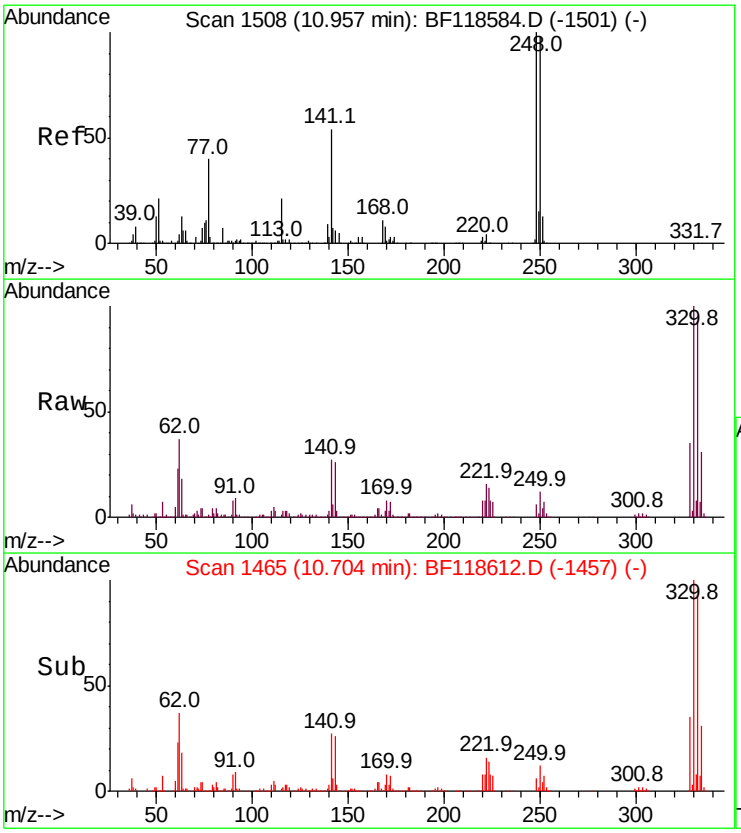
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.01 min
Lab File: BF118612.D
Acq: 21 Jan 2020 1:03

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 1149680

Ion	Ratio	Lower	Upper
188	100		
94	8.6	7.1	10.7
80	9.2	7.5	11.3

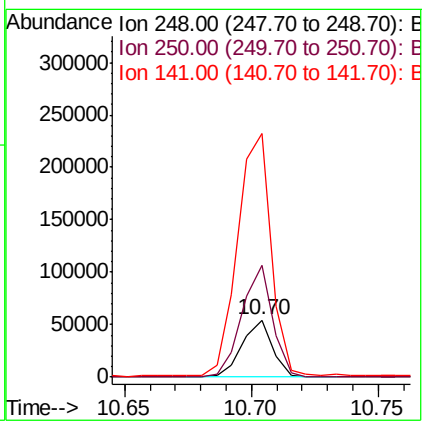


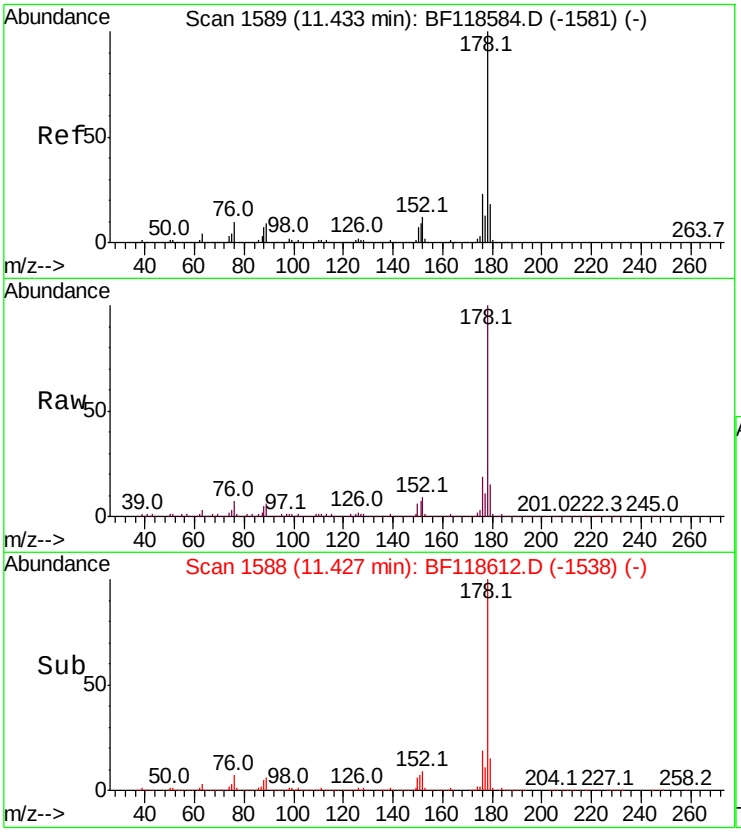


#67
4-Bromophenyl-phenylether
Concen: 3.233 ng
RT: 10.70 min Scan# 1465
Delta R.T. -0.25 min
Lab File: BF118612.D
Acq: 21 Jan 2020 1:03

Tgt Ion:248 Resp: 45918

Ion	Ratio	Lower	Upper
248	100		
250	196.9	78.7	118.1#
141	427.4	43.2	64.8#



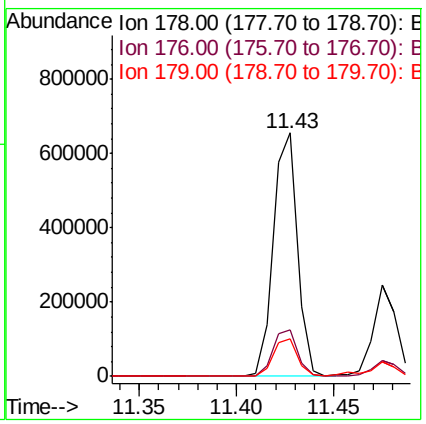


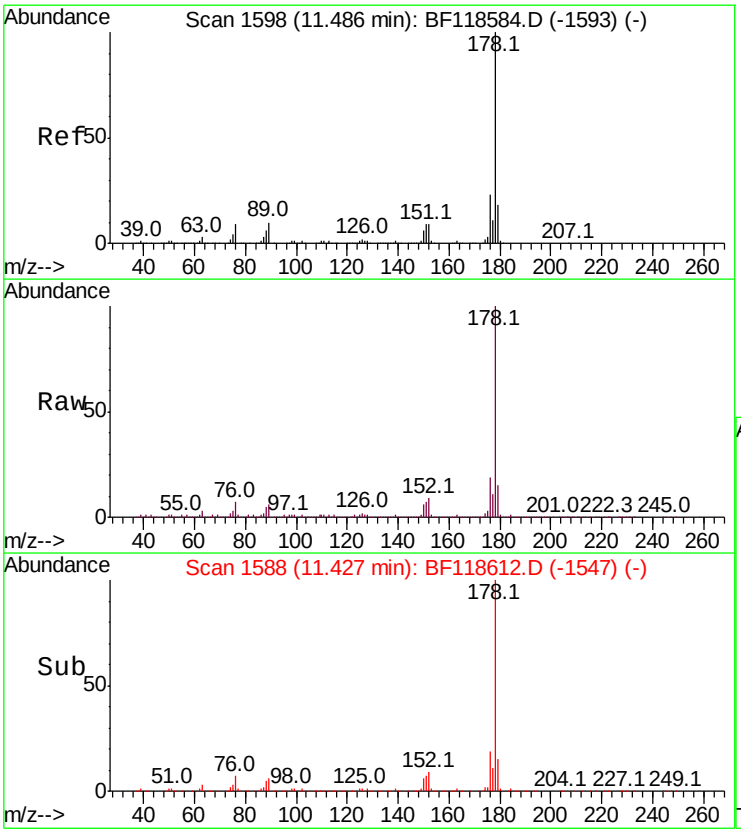
#71
Phenanthrene
Concen: 10.083 ng
RT: 11.43 min Scan# 1588
Delta R.T. -0.01 min
Lab File: BF118612.D
Acq: 21 Jan 2020 1:03

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 559237

Ion	Ratio	Lower	Upper
178	100		
176	19.3	18.6	27.8
179	15.3	14.7	22.1

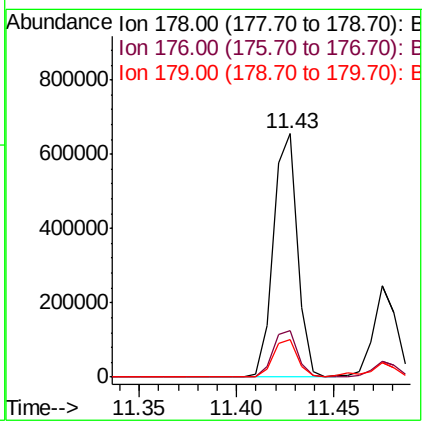


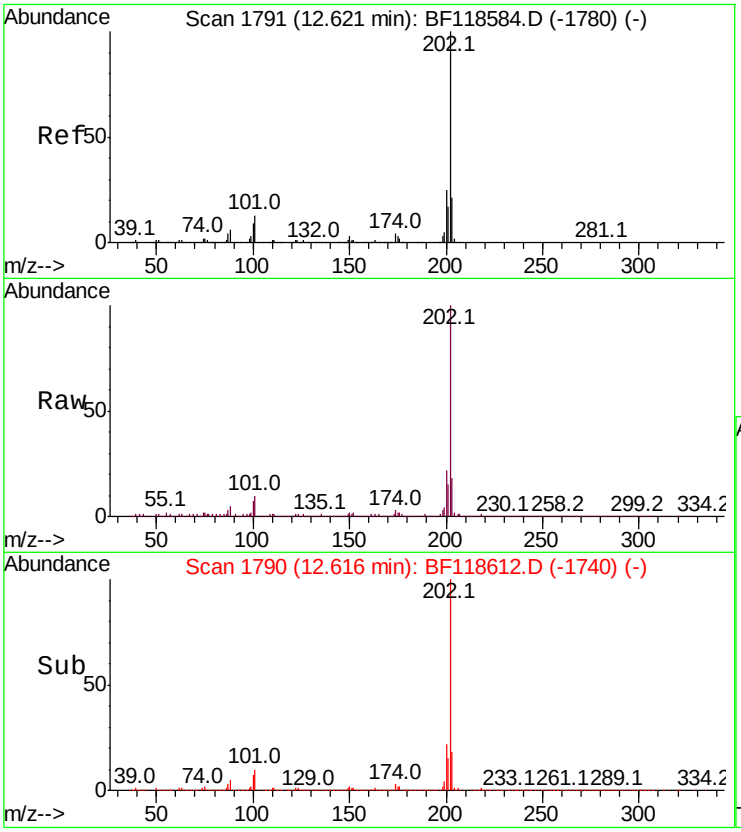


#72
Anthracene
Concen: 10.190 ng
RT: 11.43 min Scan# 1588
Delta R.T. -0.06 min
Lab File: BF118612.D
Acq: 21 Jan 2020 1:03

Tgt Ion:178 Resp: 559237

Ion	Ratio	Lower	Upper
178	100		
176	19.3	18.0	27.0
179	15.3	14.7	22.1



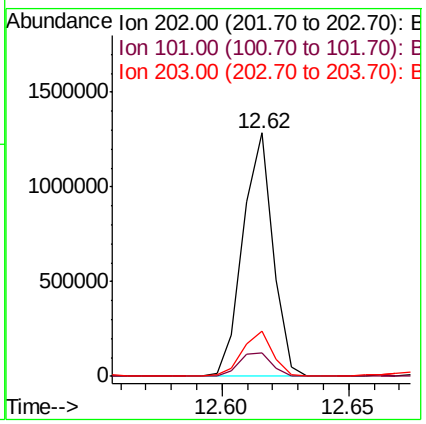


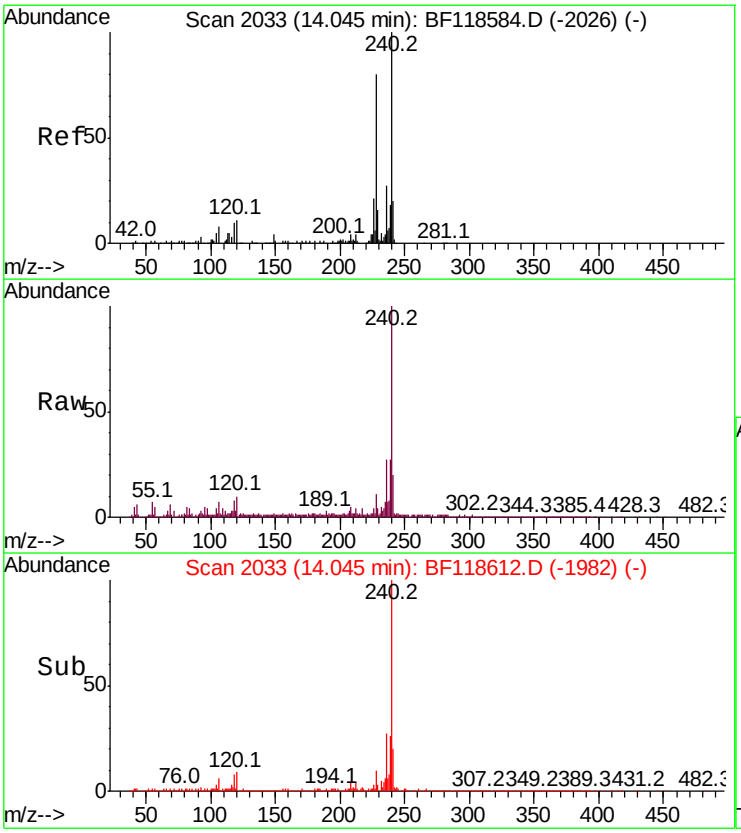
#75
Fluoranthene
Concen: 18.036 ng
RT: 12.62 min Scan# 1790
Delta R.T. -0.01 min
Lab File: BF118612.D
Acq: 21 Jan 2020 1:03

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 1055137

Ion	Ratio	Lower	Upper
202	100		
101	9.7	0.0	32.5
203	18.3	0.8	40.8

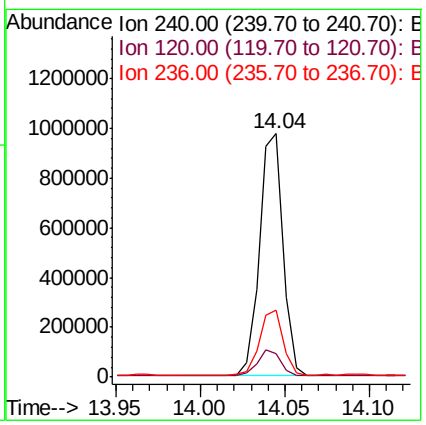


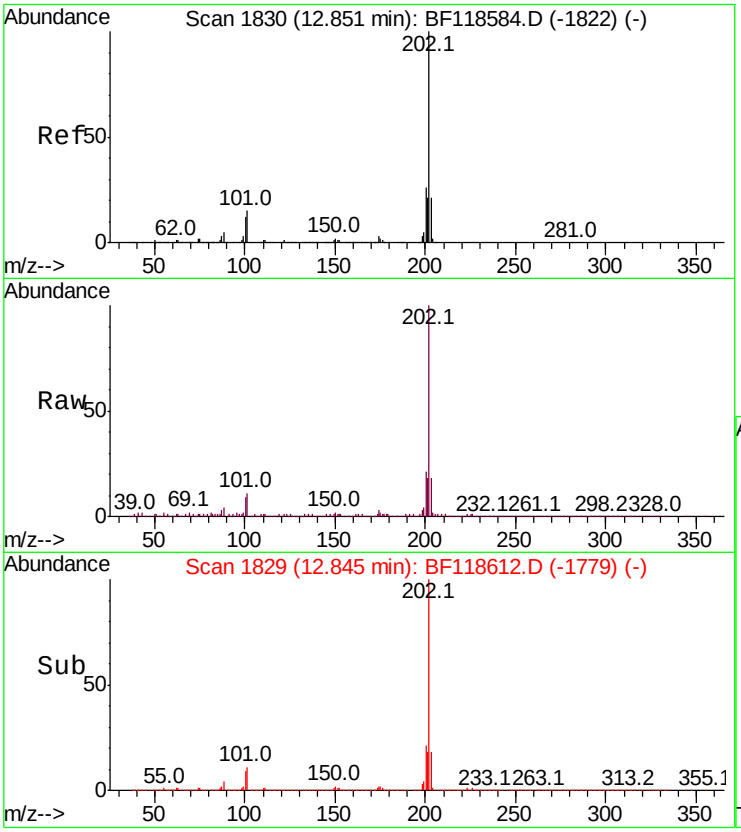


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.04 min Scan# 2033
Delta R.T. 0.00 min
Lab File: BF118612.D
Acq: 21 Jan 2020 1:03

Tgt Ion:240 Resp: 936815

Ion	Ratio	Lower	Upper
240	100		
120	9.7	8.9	13.3
236	27.5	21.5	32.3



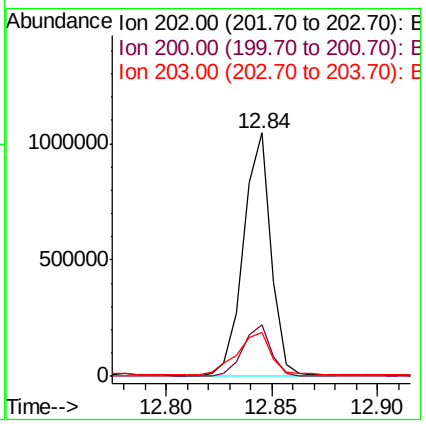


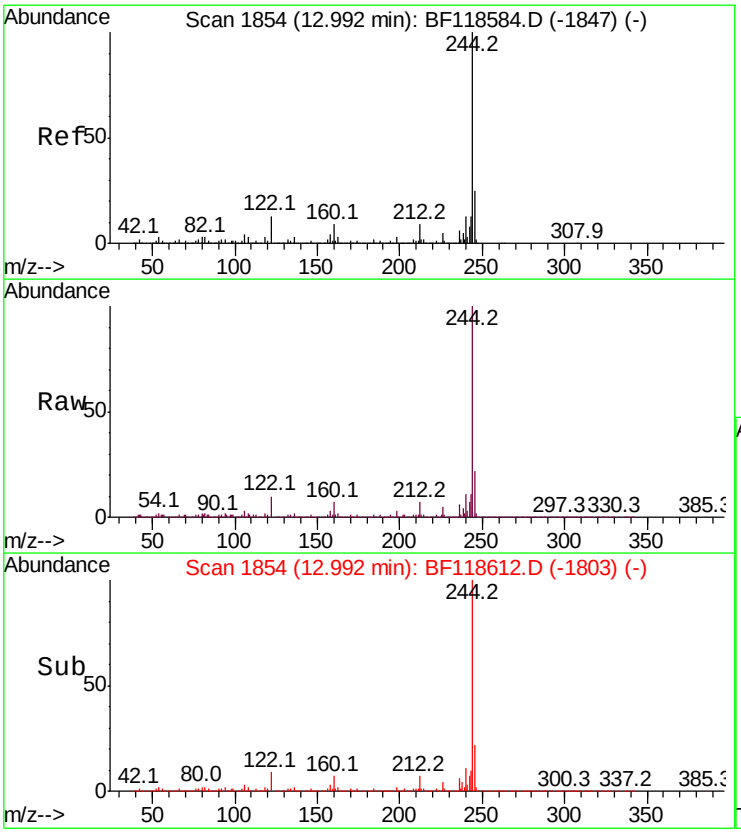
#78
Pyrene
Concen: 14.771 ng
RT: 12.84 min Scan# 1829
Delta R.T. -0.01 min
Lab File: BF118612.D
Acq: 21 Jan 2020 1:03

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 939485

Ion	Ratio	Lower	Upper
202	100		
200	21.4	20.6	31.0
203	18.1	16.8	25.2

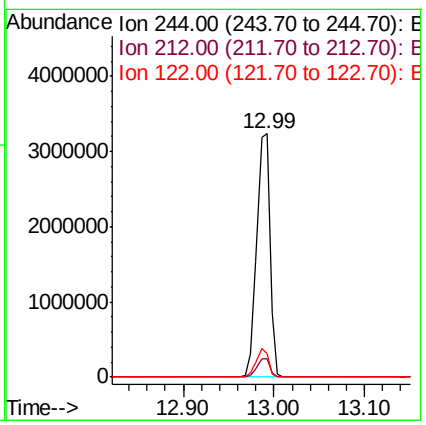


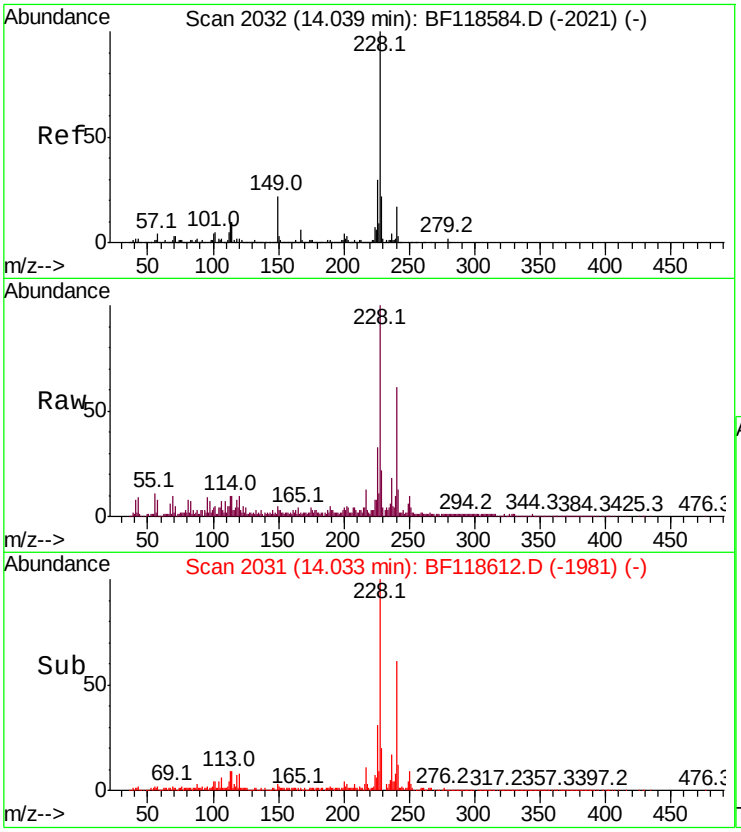


#79
Terphenyl-d14
Concen: 75.772 ng
RT: 12.99 min Scan# 1854
Delta R.T. 0.00 min
Lab File: BF118612.D
Acq: 21 Jan 2020 1:03

Tgt Ion:244 Resp: 3254545

Ion	Ratio	Lower	Upper
244	100		
212	7.4	7.0	10.4
122	9.5	10.7	16.1#



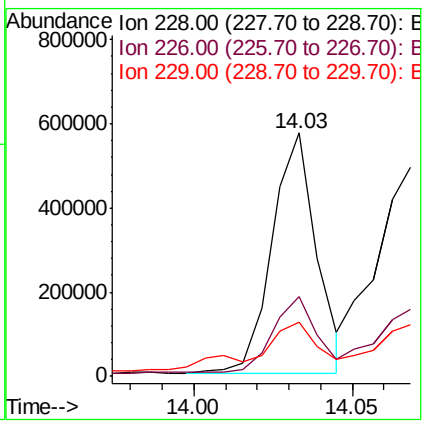


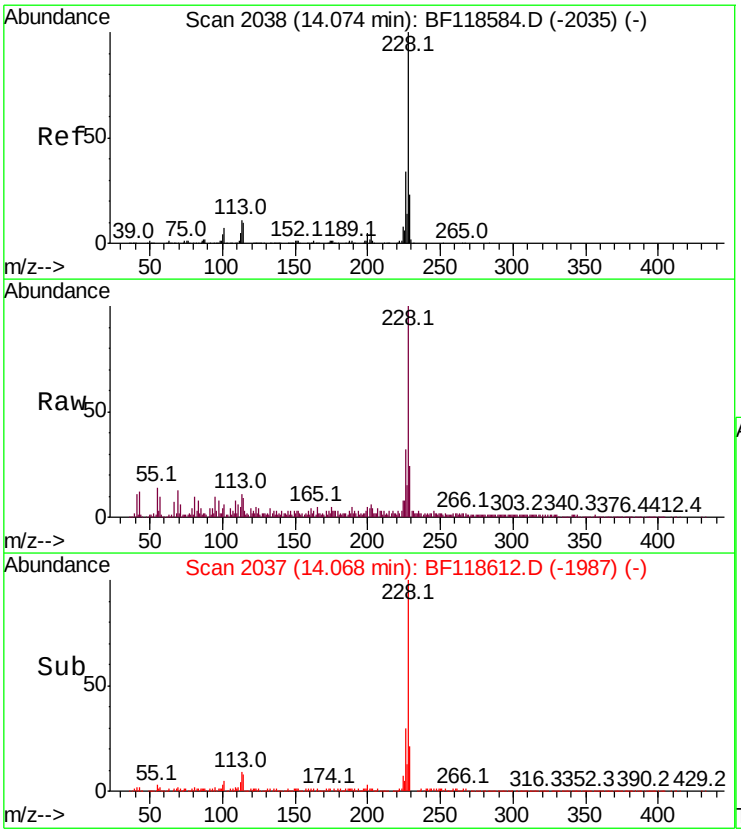
#81
Benzo(a)anthracene
Concen: 9.848 ng
RT: 14.03 min Scan# 2031
Delta R.T. -0.01 min
Lab File: BF118612.D
Acq: 21 Jan 2020 1:03

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 554990

Ion	Ratio	Lower	Upper
228	100		
226	32.5	24.1	36.1
229	22.3	17.6	26.4

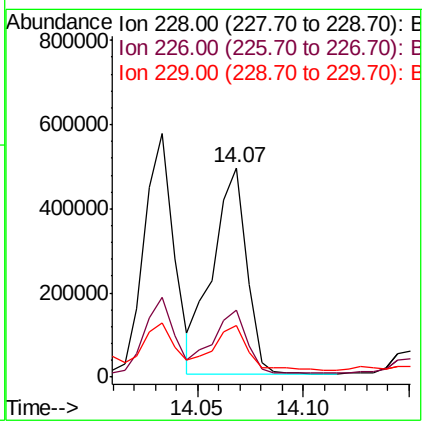


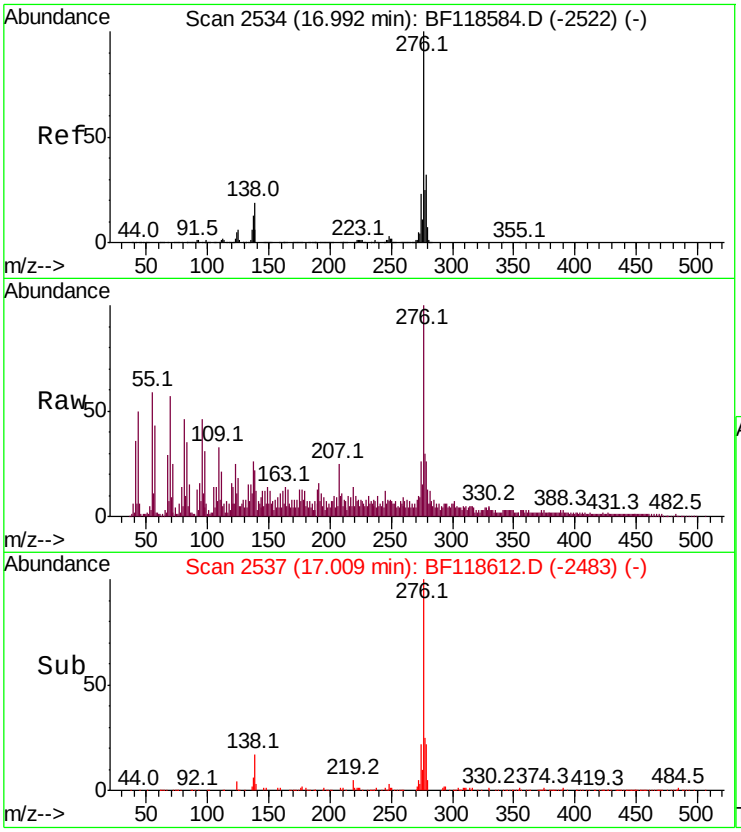


#83
Chrysene
Concen: 10.090 ng
RT: 14.07 min Scan# 2037
Delta R.T. -0.01 min
Lab File: BF118612.D
Acq: 21 Jan 2020 1:03

Tgt Ion:228 Resp: 544977

Ion	Ratio	Lower	Upper
228	100		
226	32.0	27.4	41.0
229	24.4	18.3	27.5



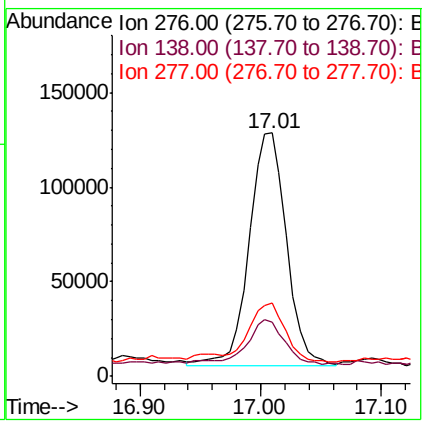


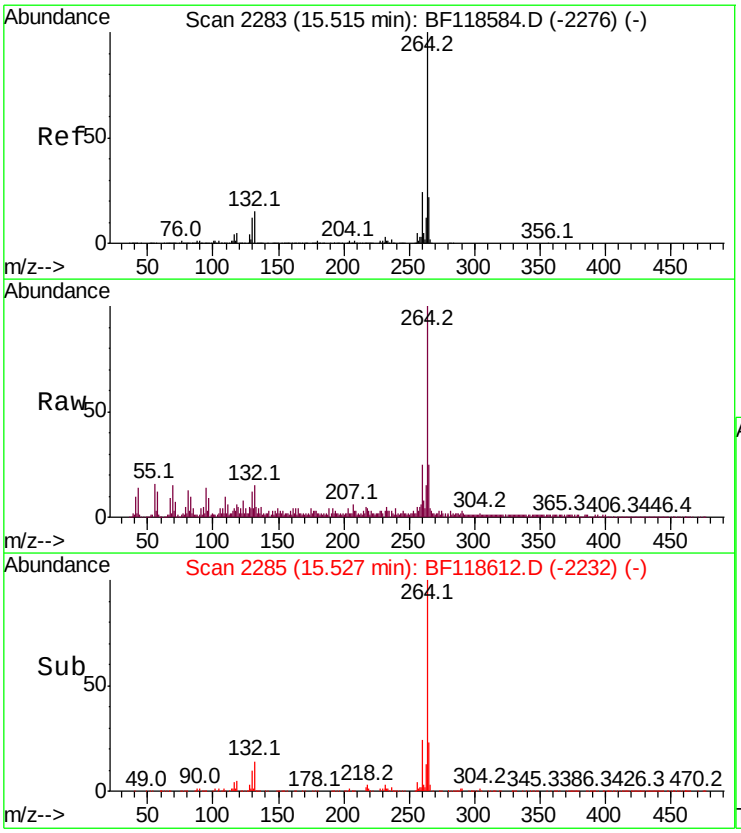
#86
Indeno(1,2,3-cd)pyrene
Concen: 5.652 ng
RT: 17.01 min Scan# 2537
Delta R.T. 0.02 min
Lab File: BF118612.D
Acq: 21 Jan 2020 1:03

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 265254

Ion	Ratio	Lower	Upper
276	100		
138	19.4	17.2	25.8
277	24.8	20.5	30.7

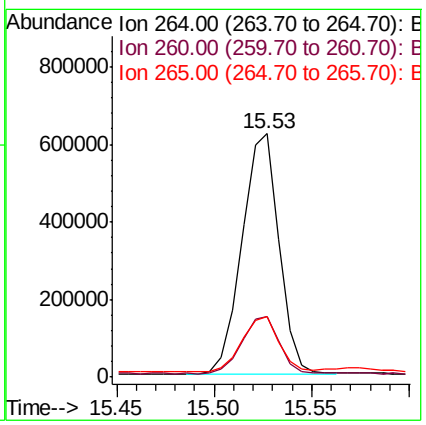


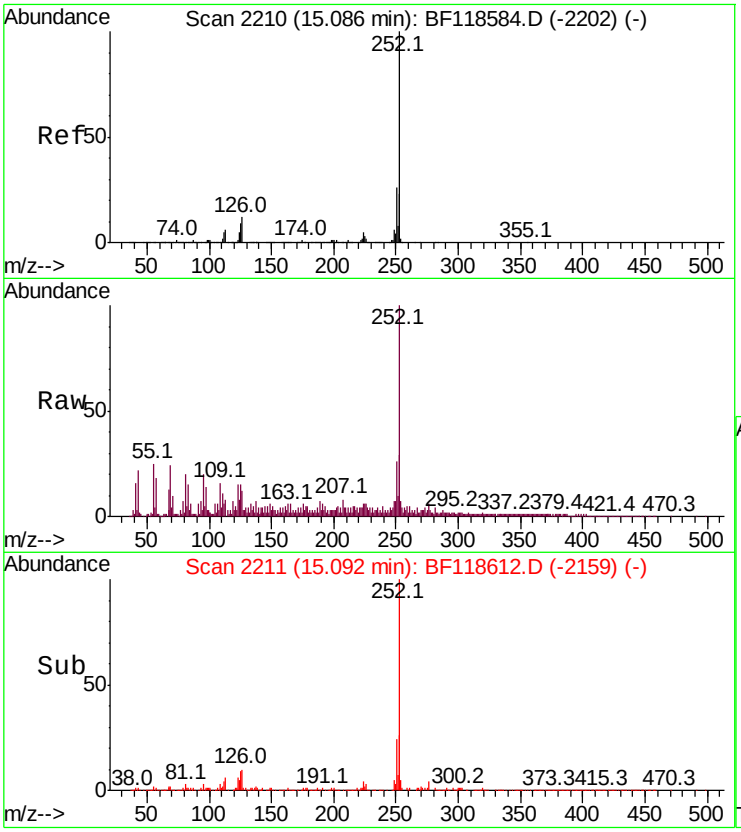


#87
Perylene-d12
Concen: 20.000 ng
RT: 15.53 min Scan# 2285
Delta R.T. 0.01 min
Lab File: BF118612.D
Acq: 21 Jan 2020 1:03

Tgt Ion:264 Resp: 817316

Ion	Ratio	Lower	Upper
264	100		
260	24.9	19.6	29.4
265	24.7	17.7	26.5



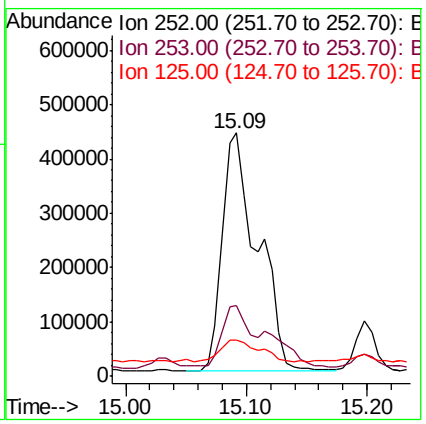


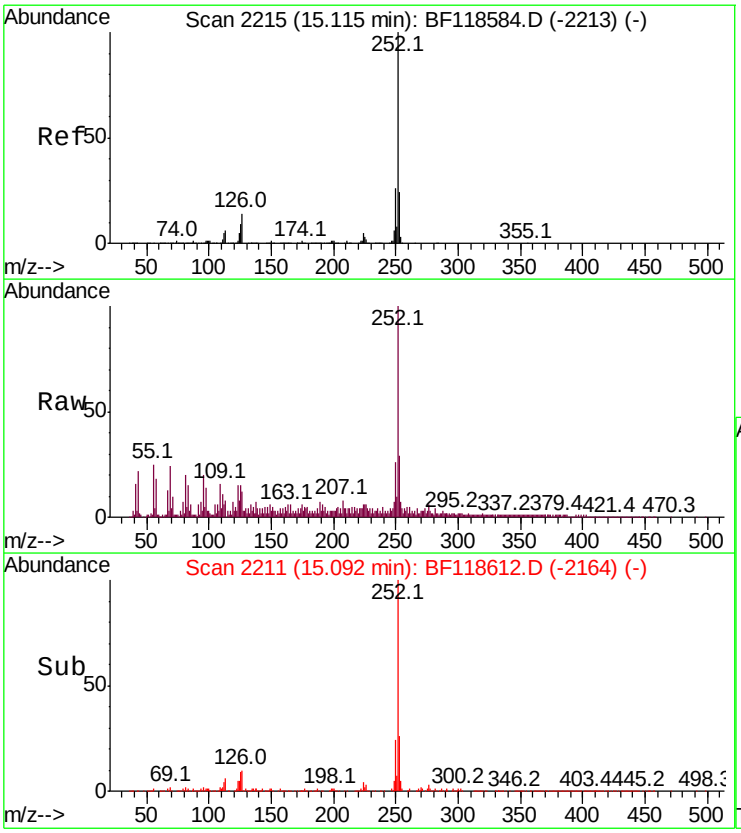
#88
Benzo(b)fluoranthene
Concen: 17.369 ng
RT: 15.09 min Scan# 2211
Delta R.T. 0.01 min
Lab File: BF118612.D
Acq: 21 Jan 2020 1:03

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 892340

Ion	Ratio	Lower	Upper
252	100		
253	29.2	18.7	28.1#
125	15.0	7.3	10.9#

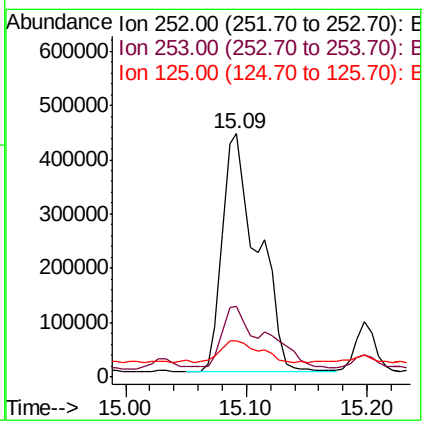


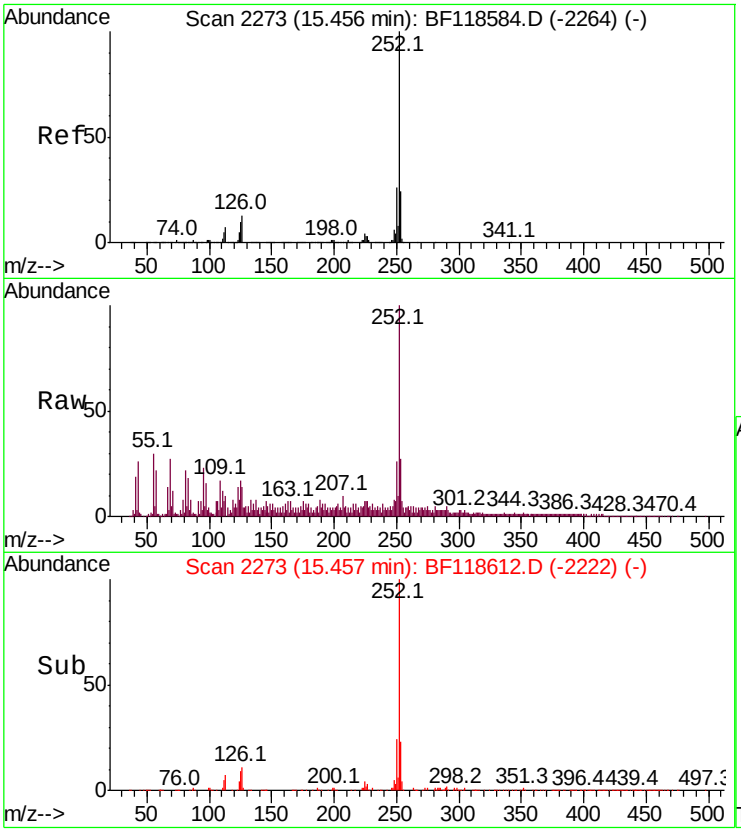


#89
Benzo(k)fluoranthene
Concen: 18.748 ng
RT: 15.09 min Scan# 2211
Delta R.T. -0.02 min
Lab File: BF118612.D
Acq: 21 Jan 2020 1:03

Tgt Ion:252 Resp: 892340

Ion	Ratio	Lower	Upper
252	100		
253	29.2	19.0	28.4#
125	15.0	7.6	11.4#



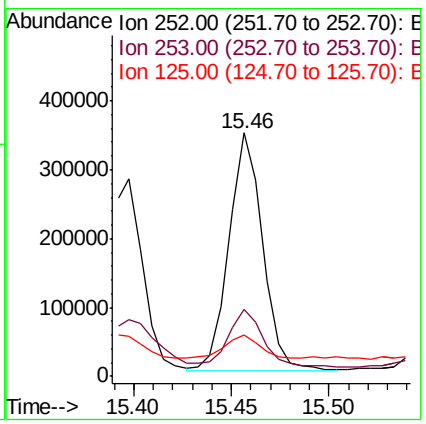


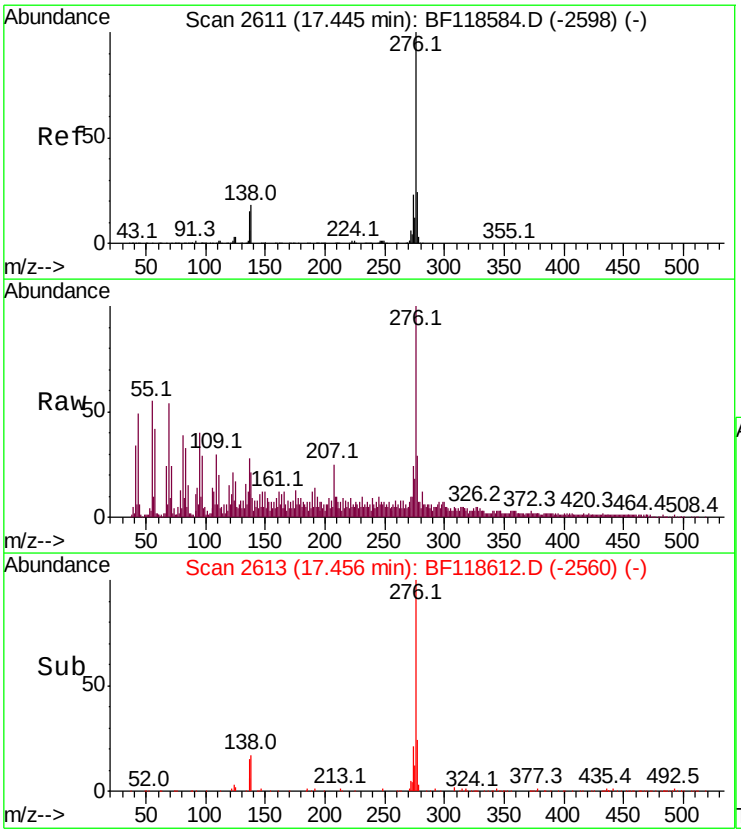
#90
Benzo(a)pyrene
Concen: 9.250 ng
RT: 15.46 min Scan# 2273
Delta R.T. 0.00 min
Lab File: BF118612.D
Acq: 21 Jan 2020 1:03

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 409944

Ion	Ratio	Lower	Upper
252	100		
253	27.3	18.8	28.2
125	16.8	7.8	11.6#





#92
Benzo(g,h,i)perylene
Concen: 6.581 ng
RT: 17.46 min Scan# 2613
Delta R.T. 0.01 min
Lab File: BF118612.D
Acq: 21 Jan 2020 1:03

Tgt Ion:276 Resp: 250500

Ion	Ratio	Lower	Upper
276	100		
277	29.5	18.9	28.3#
138	21.1	14.4	21.6