Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF123119\
Data File : BF118420.D
Acq On : 31 Dec 2019 22:12
Operator : JU
Sample : K6441-06DL 10X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Jan 01 00:37:56 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF122419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 24 15:58:52 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	68339	20.00	ng		0.00
21) Naphthalene-d8	8.14	136	275030	20.00	ng		0.00
39) Acenaphthene-d10	9.90	164	137409	20.00	ng		0.00
64) Phenanthrene-d10	11.40	188	222011	20.00	ng		0.00
76) Chrysene-d12	14.05	240	165684	20.00	ng		0.00
87) Perylene-d12	15.55	264	158383	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.48	112	45205	11.29	ng		0.02
7) Phenol-d6	6.50	99	53581	10.79	ng		0.01
23) Nitrobenzene-d5	7.43	82	33482	6.96	ng		0.00
42) 2,4,6-Tribromophenol	10.70	330	14323	8.44	ng		0.01
45) 2-Fluorobiphenyl	9.22	172	80514	8.94	ng		0.00
79) Terphenyl-d14	12.98	244	84788	8.49	ng		0.00
Target Compounds							Qvalue
51) 2,6-Dinitrotoluene	9.90	165	17906	8.052	ng	#	26
56) 4-Nitrophenol	10.12	139	5690	3.531	ng	#	6
57) 2,4-Dinitrotoluene	9.90	165	17907	6.027	ng	#	30
71) Phenanthrene	11.42	178	258446	21.354	ng		100
72) Anthracene	11.47	178	61959	5.115	ng		99
75) Fluoranthene	12.62	202	298653	24.451	ng		98
78) Pyrene	12.85	202	300677	22.223	ng		100
81) Benzo(a)anthracene	14.04	228	159790	13.778	ng		99
83) Chrysene	14.08	228	108700	9.789	ng		99
86) Indeno(1,2,3-cd)pyrene	17.07	276	45757	4.836	ng		98
88) Benzo(b)fluoranthene	15.11	252	201748	19.190	ng	#	97
89) Benzo(k)fluoranthene	15.11	252	201748	19.985	ng	#	97
90) Benzo(a)pyrene	15.49	252	96871	10.460	ng		97
92) Benzo(g,h,i)perylene	17.53	276	43472	5.599	ng		96

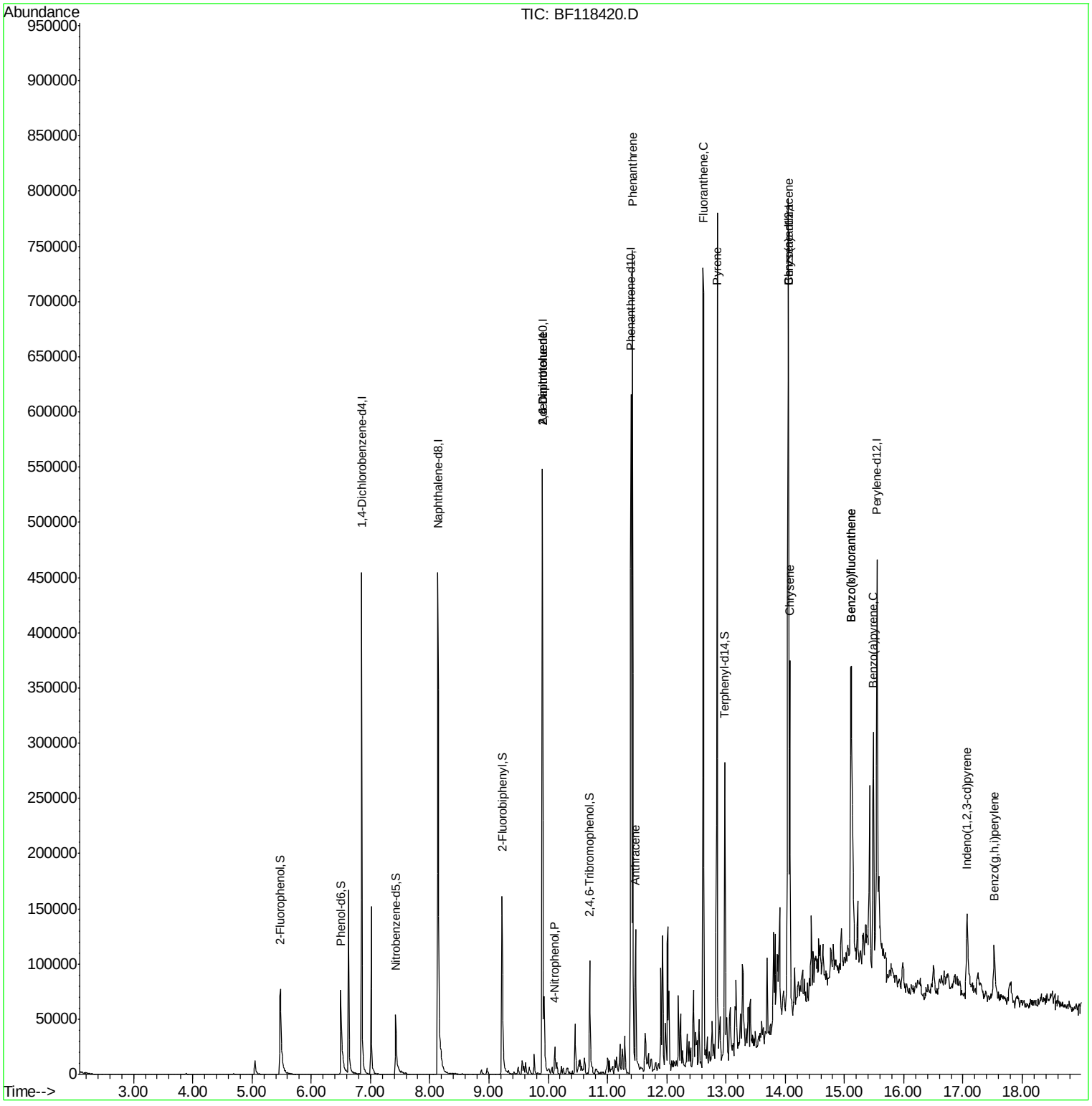
(#) = qualifier out of range (m) = manual integration (+) = signals summed

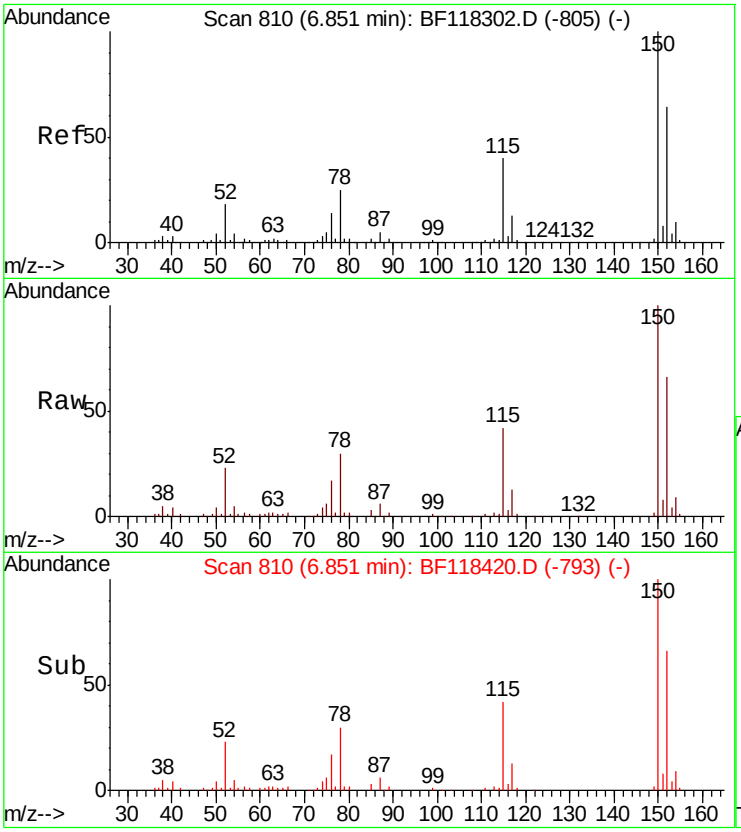
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF123119\
Data File : BF118420.D
Acq On : 31 Dec 2019 22:12
Operator : JU
Sample : K6441-06DL 10X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Jan 01 00:37:56 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF122419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 24 15:58:52 2019
Response via : Initial Calibration



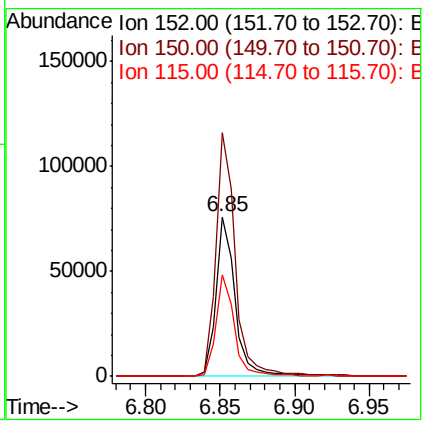


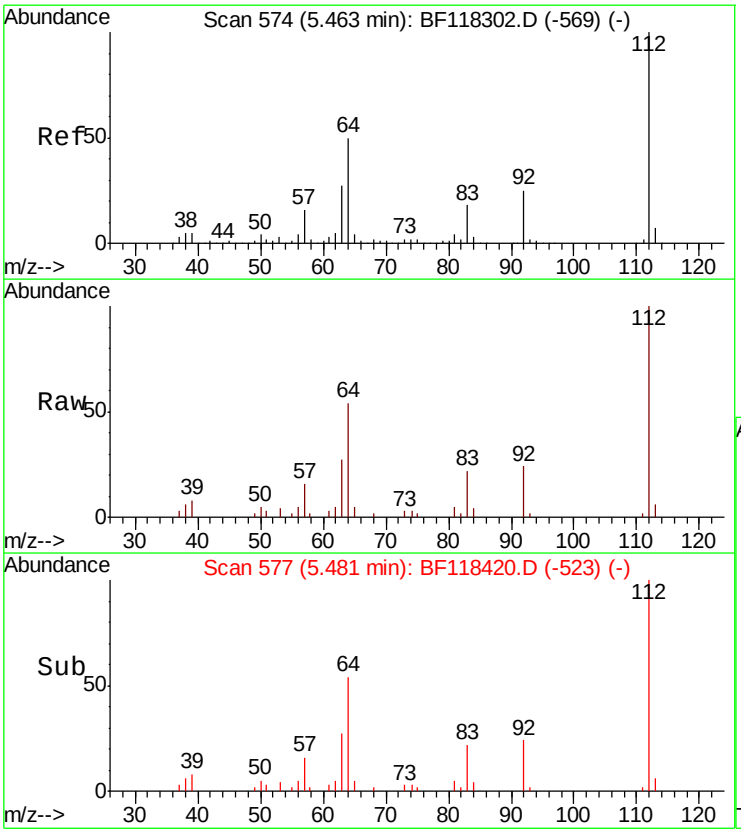
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 810
Delta R.T. -0.00 min
Lab File: BF118420.D
Acq: 31 Dec 2019 22:12

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 68339

Ion	Ratio	Lower	Upper
152	100		
150	152.5	125.4	188.2
115	63.7	50.2	75.4

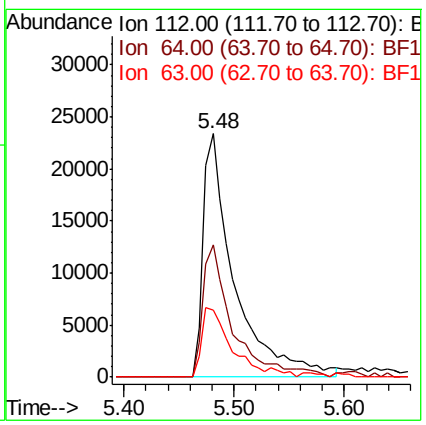


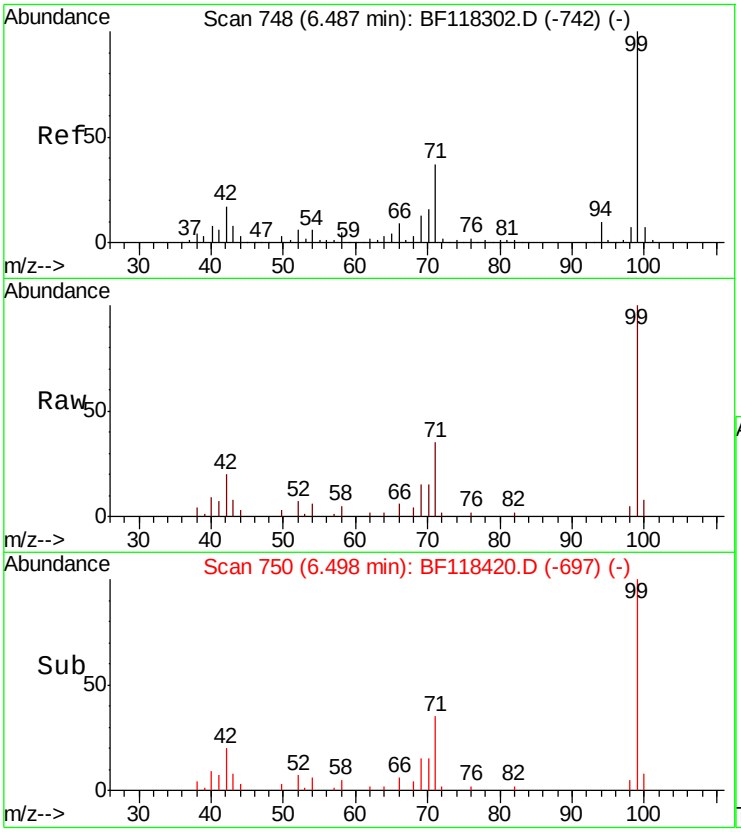


#5
2-Fluorophenol
Concen: 11.291 ng
RT: 5.48 min Scan# 577
Delta R.T. 0.02 min
Lab File: BF118420.D
Acq: 31 Dec 2019 22:12

Tgt Ion:112 Resp: 45205

Ion	Ratio	Lower	Upper
112	100		
64	54.4	39.7	59.5
63	27.5	21.7	32.5



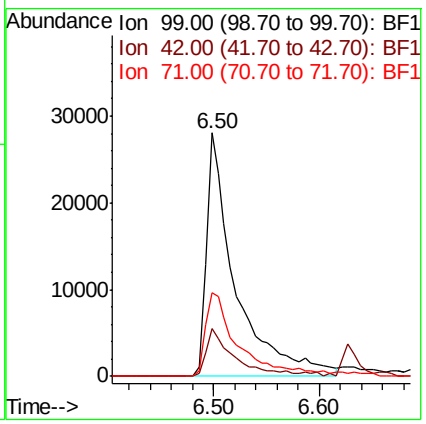


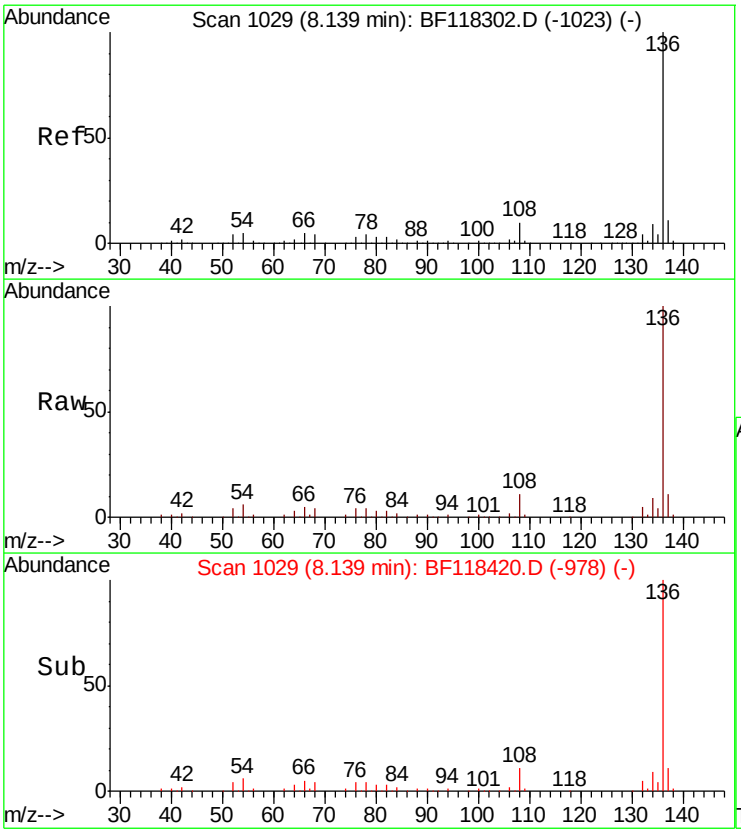
#7
Phenol-d6
Concen: 10.789 ng
RT: 6.50 min Scan# 750
Delta R.T. 0.01 min
Lab File: BF118420.D
Acq: 31 Dec 2019 22:12

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 53581

Ion	Ratio	Lower	Upper
99	100		
42	19.6	13.5	20.3
71	34.6	29.4	44.2

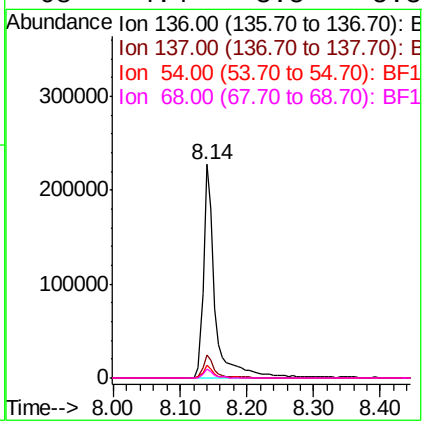


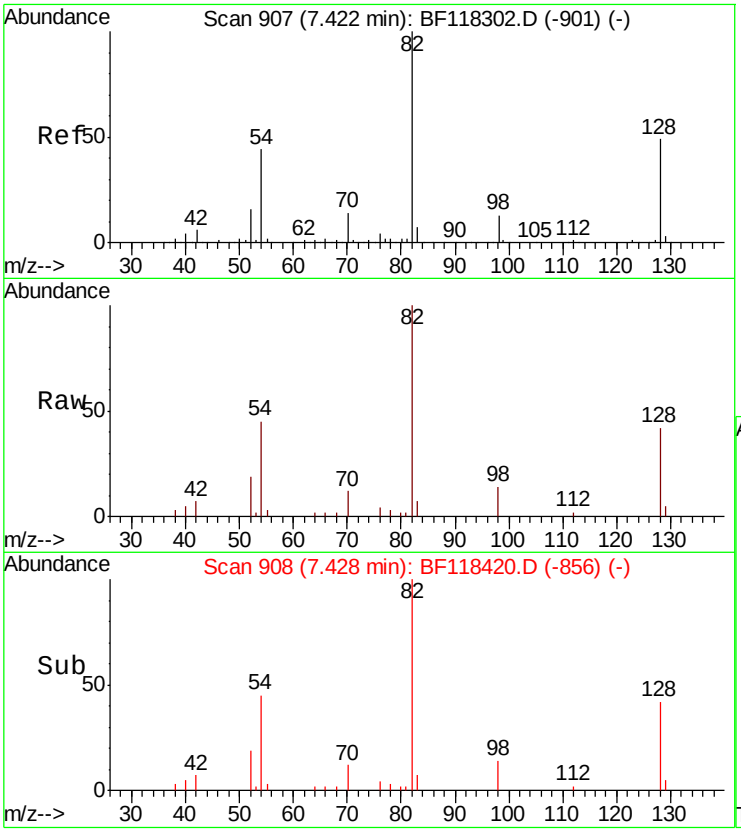


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.14 min Scan# 1029
Delta R.T. -0.00 min
Lab File: BF118420.D
Acq: 31 Dec 2019 22:12

Tgt Ion:136 Resp: 275030

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	6.0	4.2	6.4
68	4.4	3.5	5.3



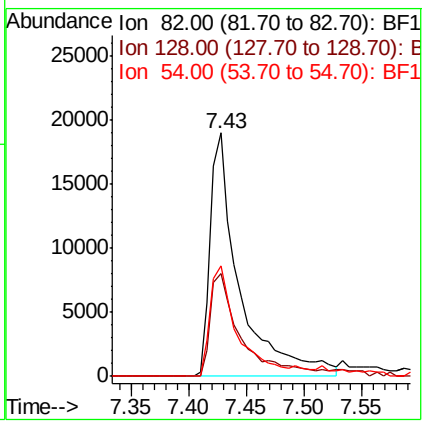


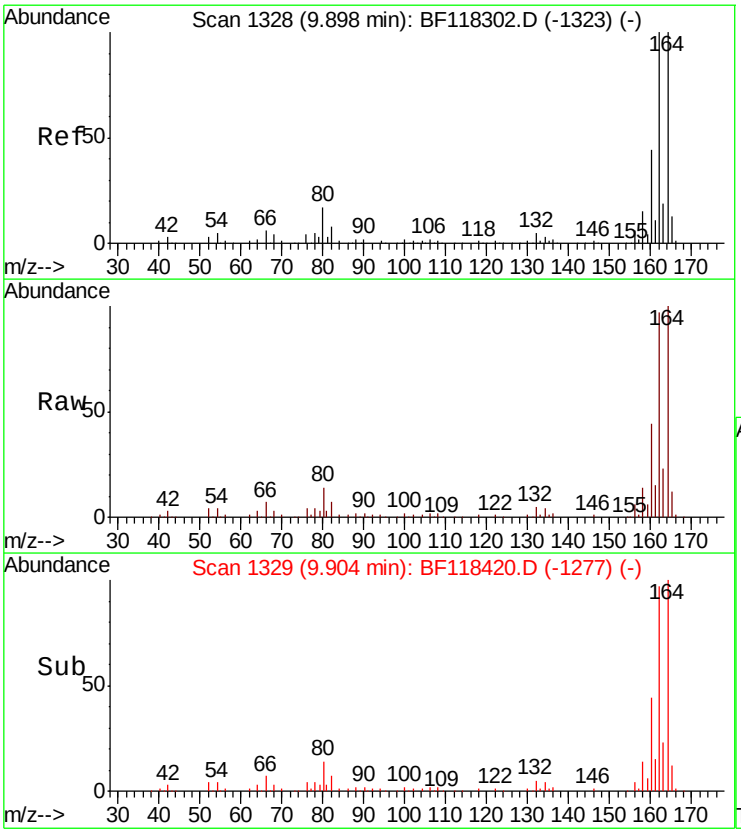
#23
Nitrobenzene-d5
Concen: 6.963 ng
RT: 7.43 min Scan# 908
Delta R.T. 0.01 min
Lab File: BF118420.D
Acq: 31 Dec 2019 22:12

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 33482

Ion	Ratio	Lower	Upper
82	100		
128	42.1	39.6	59.4
54	45.4	34.9	52.3

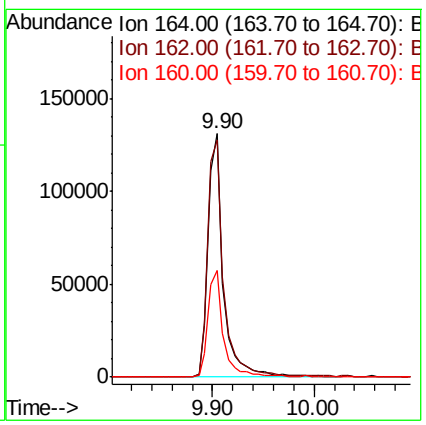


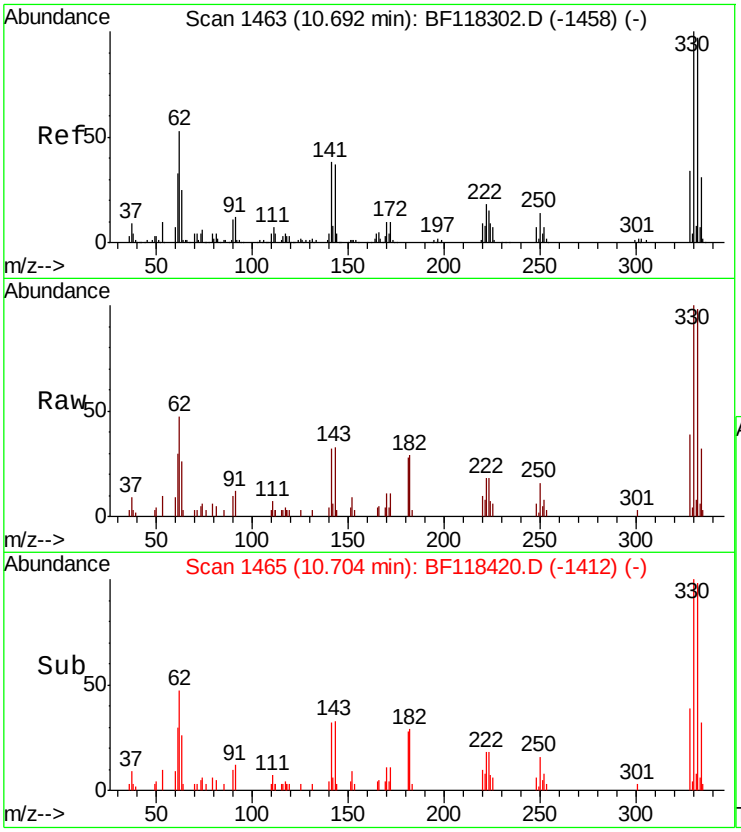


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.90 min Scan# 1329
Delta R.T. 0.01 min
Lab File: BF118420.D
Acq: 31 Dec 2019 22:12

Tgt Ion:164 Resp: 137409

Ion	Ratio	Lower	Upper
164	100		
162	97.4	80.0	120.0
160	44.0	34.8	52.2



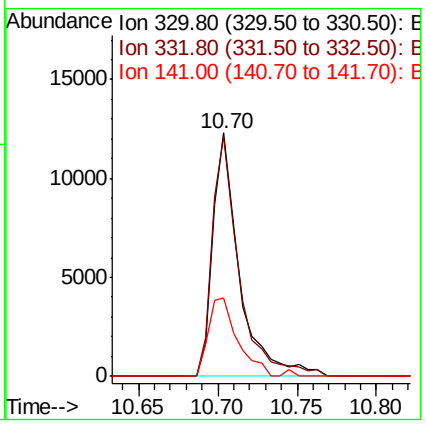


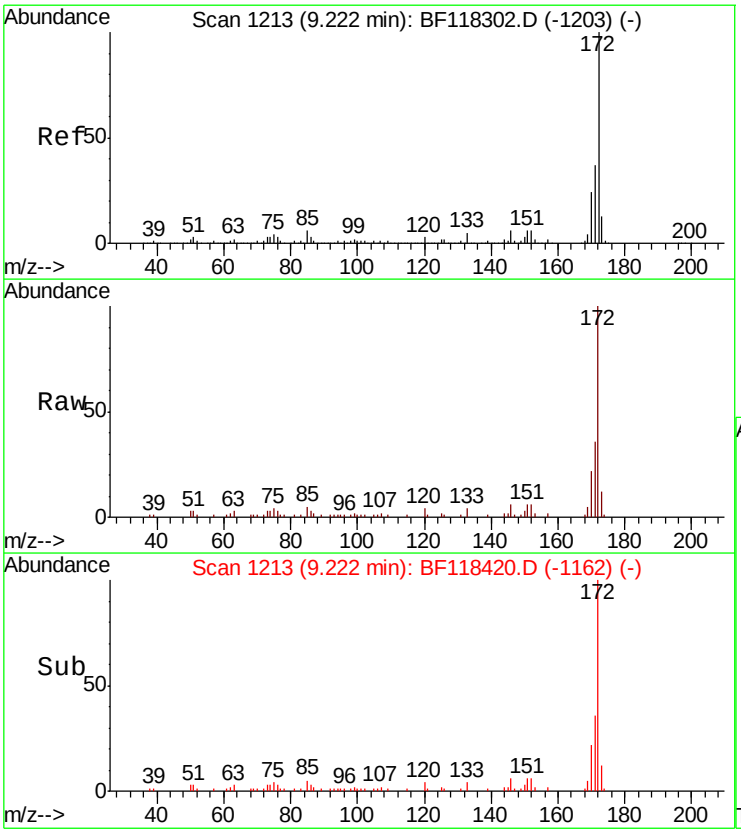
#42
2,4,6-Tribromophenol
Concen: 8.441 ng
RT: 10.70 min Scan# 1465
Delta R.T. 0.01 min
Lab File: BF118420.D
Acq: 31 Dec 2019 22:12

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 14323

Ion	Ratio	Lower	Upper
330	100		
332	99.7	76.6	114.8
141	35.4	26.0	39.0

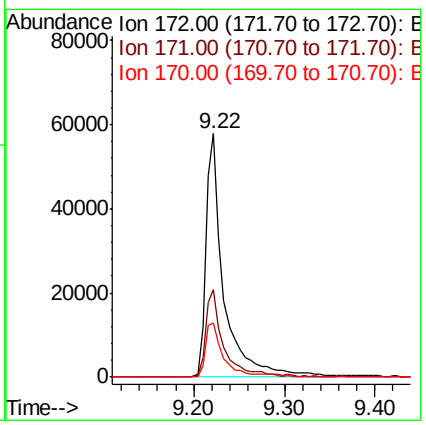


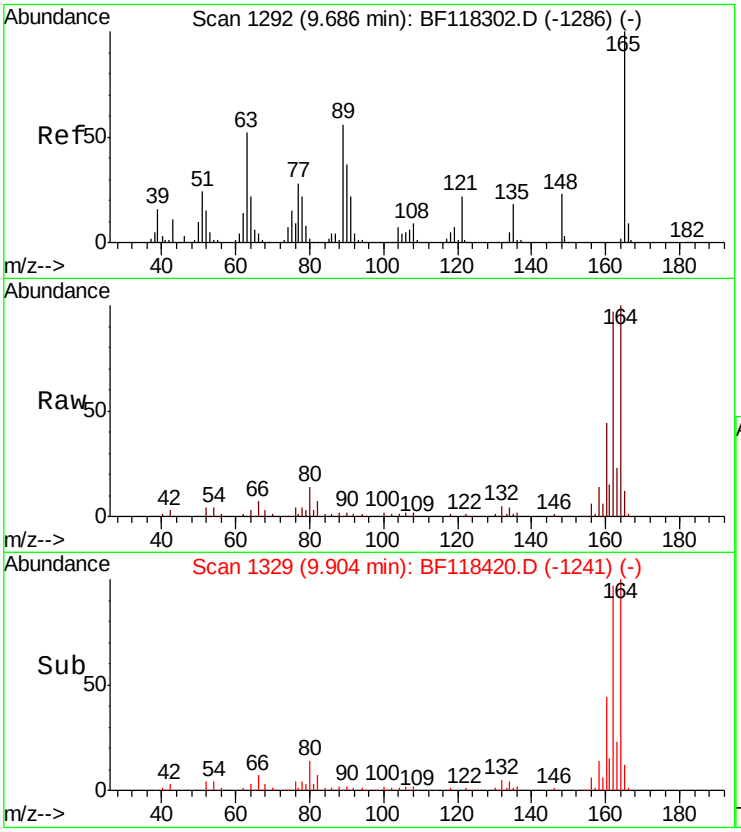


#45
2-Fluorobiphenyl
Concen: 8.944 ng
RT: 9.22 min Scan# 1213
Delta R.T. -0.00 min
Lab File: BF118420.D
Acq: 31 Dec 2019 22:12

Tgt Ion:172 Resp: 80514

Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.3	43.9
170	22.1	19.2	28.8



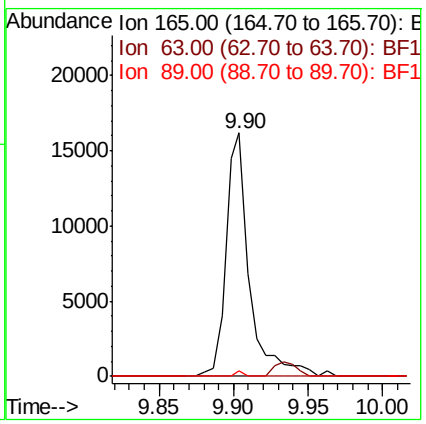


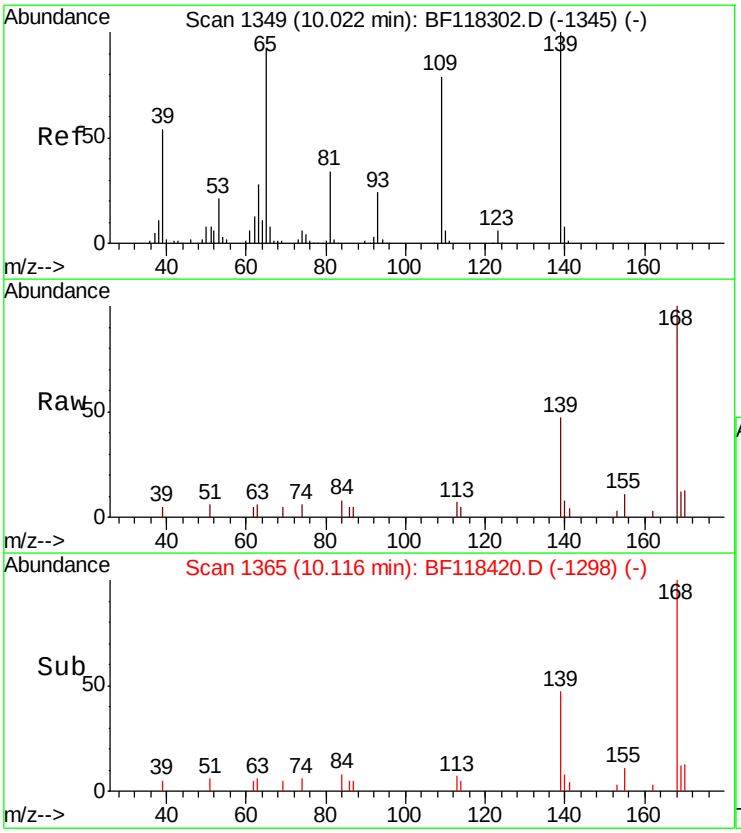
#51
2,6-Dinitrotoluene
Concen: 8.052 ng
RT: 9.90 min Scan# 1329
Delta R.T. 0.22 min
Lab File: BF118420.D
Acq: 31 Dec 2019 22:12

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 17906

Ion	Ratio	Lower	Upper
165	100		
63	0.0	42.2	63.4#
89	2.5	44.4	66.6#

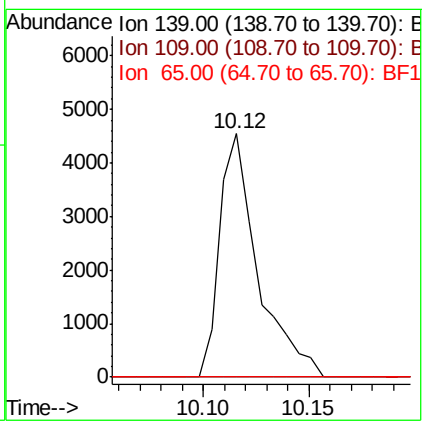


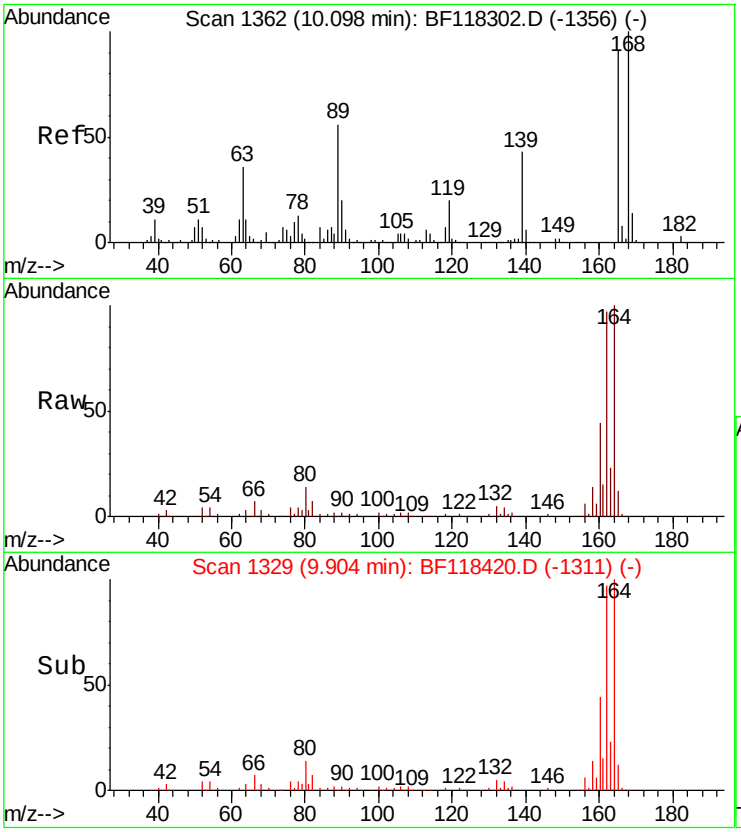


#56
4-Nitrophenol
Concen: 3.531 ng
RT: 10.12 min Scan# 1365
Delta R.T. 0.09 min
Lab File: BF118420.D
Acq: 31 Dec 2019 22:12

Tgt Ion:139 Resp: 5690

Ion	Ratio	Lower	Upper
139	100		
109	0.0	59.3	99.3#
65	0.0	72.4	112.4#



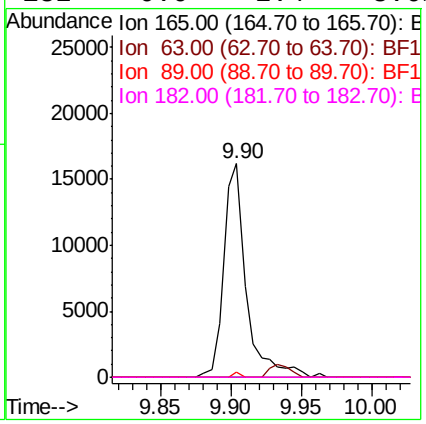


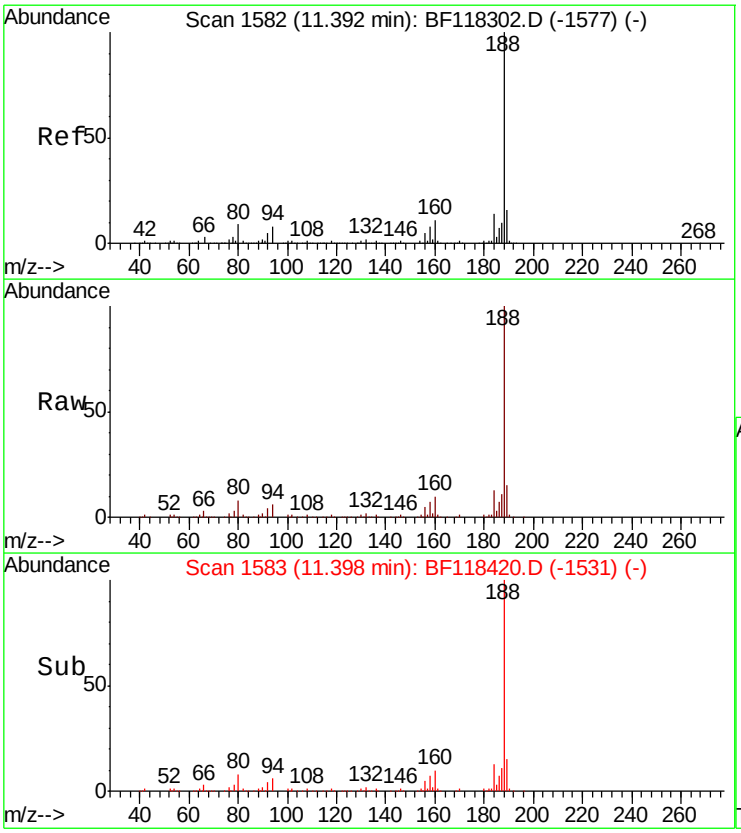
#57
2,4-Dinitrotoluene
Concen: 6.027 ng
RT: 9.90 min Scan# 1329
Delta R.T. -0.19 min
Lab File: BF118420.D
Acq: 31 Dec 2019 22:12

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 17907

Ion	Ratio	Lower	Upper
165	100		
63	0.0	32.0	48.0#
89	2.5	49.3	73.9#
182	0.0	2.4	3.6#

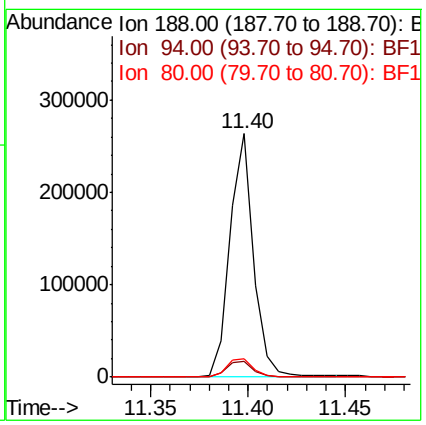


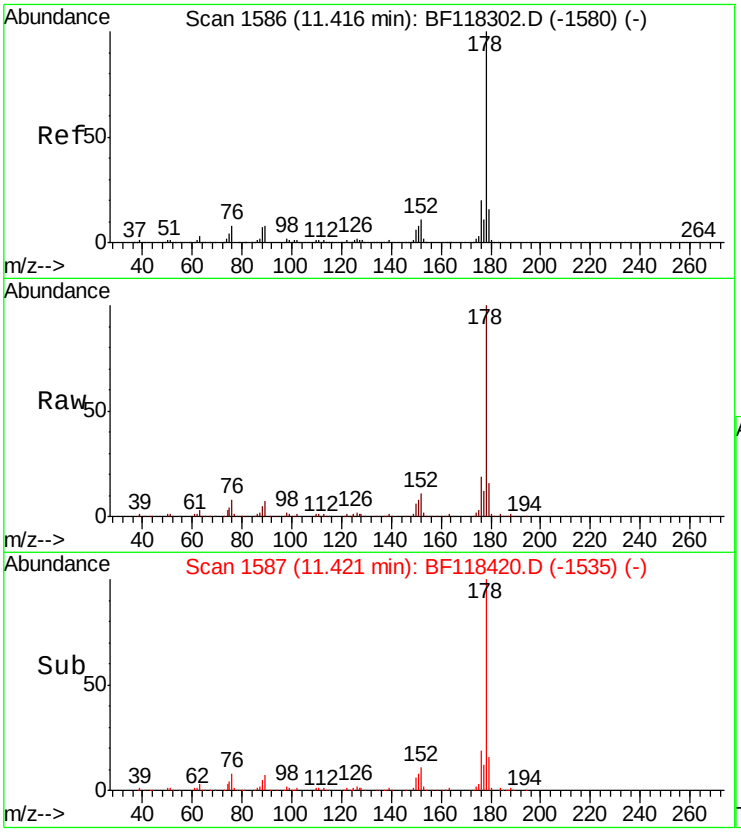


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1583
Delta R.T. 0.01 min
Lab File: BF118420.D
Acq: 31 Dec 2019 22:12

Tgt Ion:188 Resp: 222011

Ion	Ratio	Lower	Upper
188	100		
94	6.4	6.7	10.1#
80	7.5	7.2	10.8



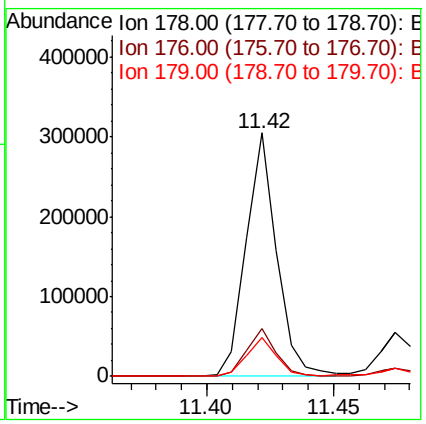


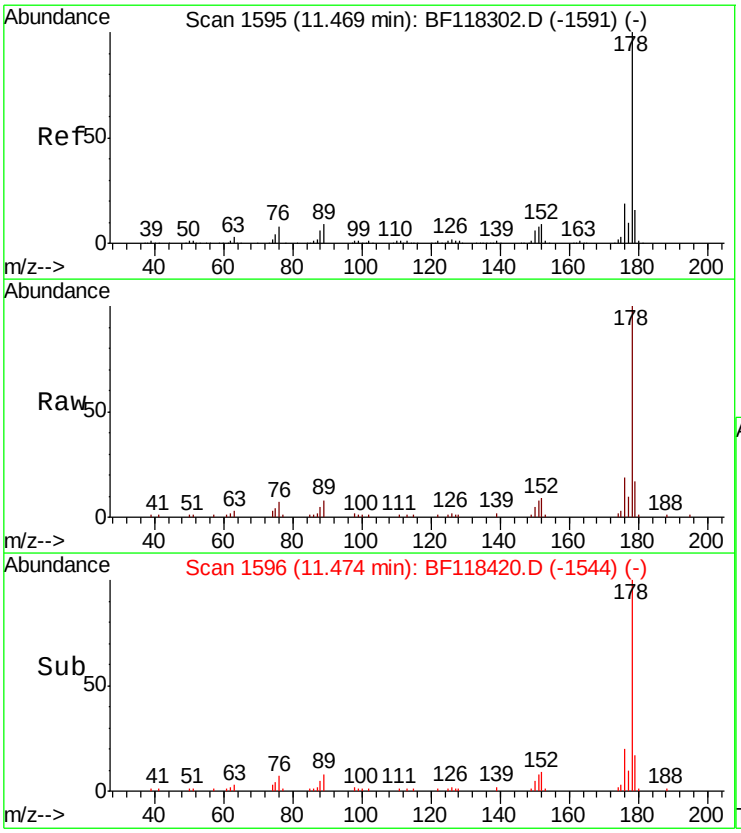
#71
Phenanthrene
Concen: 21.354 ng
RT: 11.42 min Scan# 1587
Delta R.T. 0.01 min
Lab File: BF118420.D
Acq: 31 Dec 2019 22:12

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 258446

Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.6	23.4
179	15.8	12.6	19.0

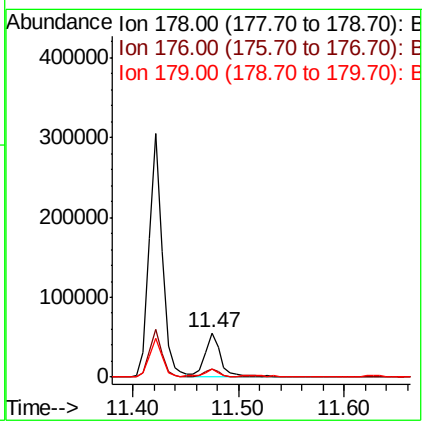


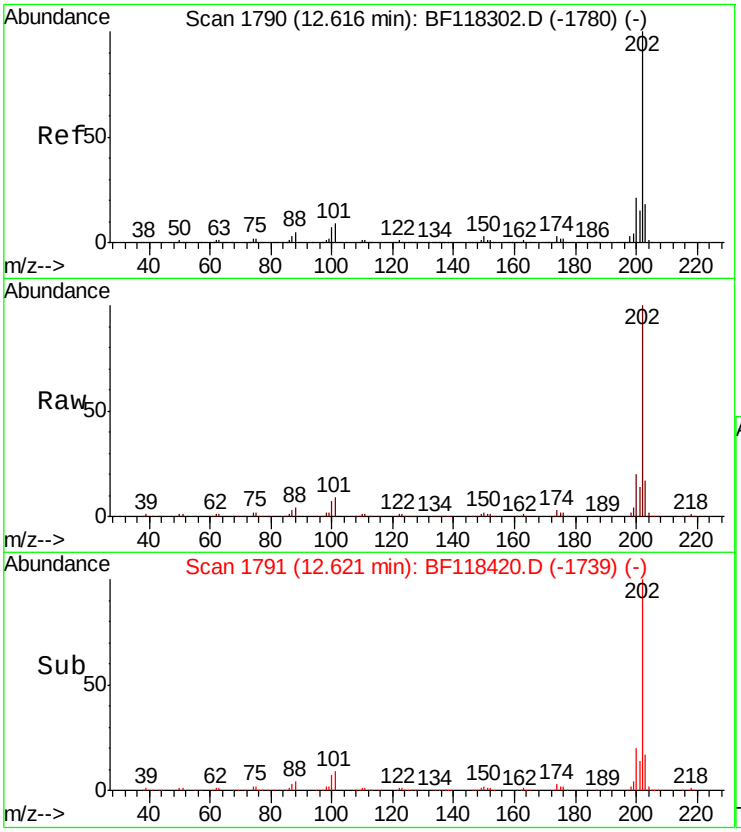


#72
Anthracene
Concen: 5.115 ng
RT: 11.47 min Scan# 1596
Delta R.T. 0.01 min
Lab File: BF118420.D
Acq: 31 Dec 2019 22:12

Tgt Ion:178 Resp: 61959

Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.2	22.8
179	17.0	12.9	19.3



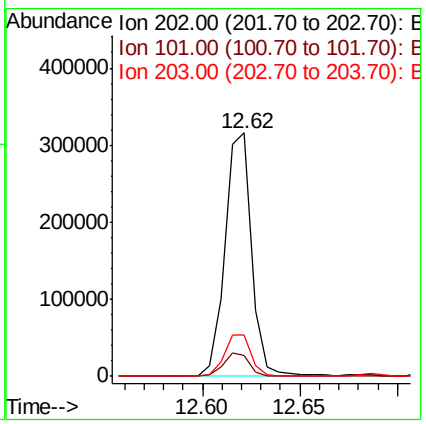


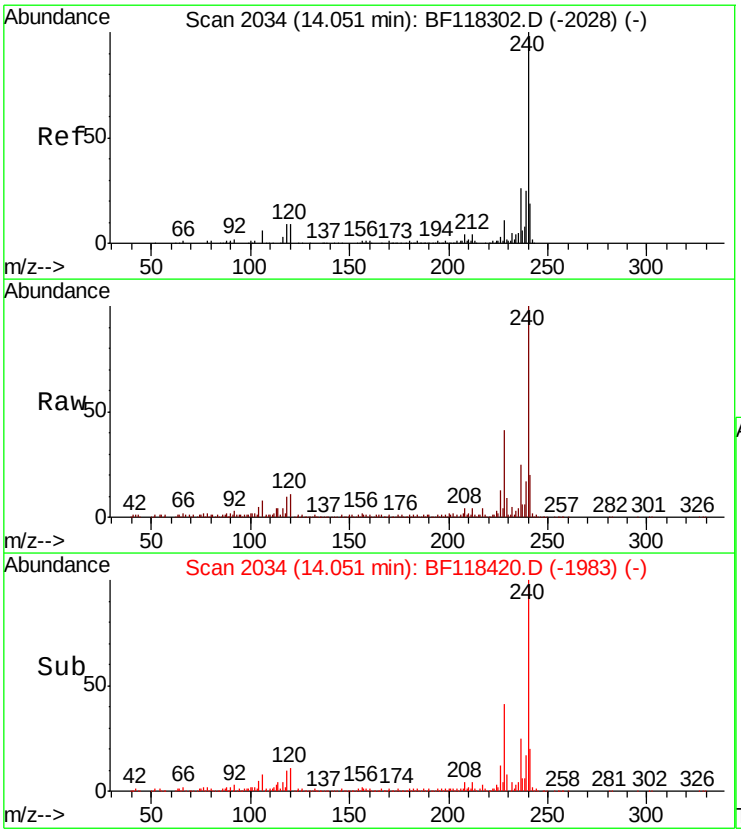
#75
Fluoranthene
Concen: 24.451 ng
RT: 12.62 min Scan# 1791
Delta R.T. 0.01 min
Lab File: BF118420.D
Acq: 31 Dec 2019 22:12

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 298653

Ion	Ratio	Lower	Upper
202	100		
101	8.7	0.0	29.5
203	16.8	0.0	37.6

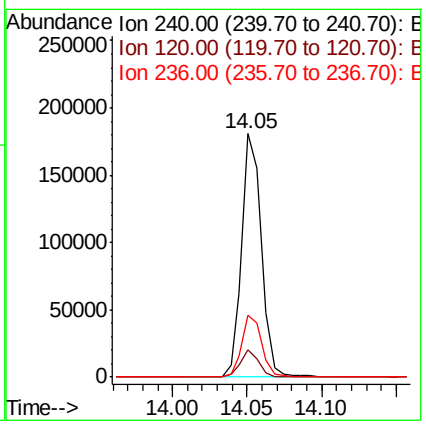


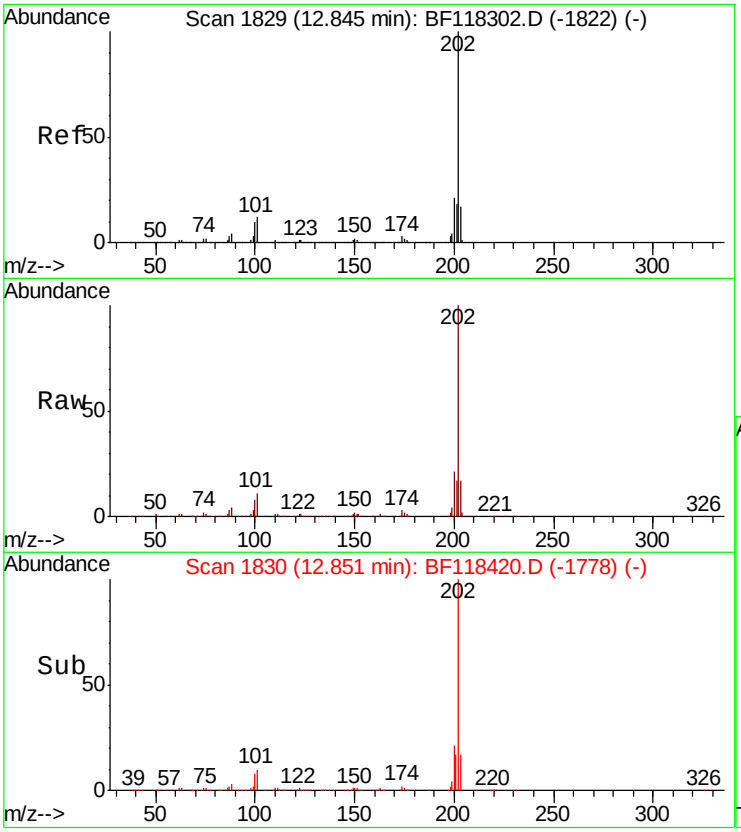


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.05 min Scan# 2034
Delta R.T. -0.00 min
Lab File: BF118420.D
Acq: 31 Dec 2019 22:12

Tgt Ion:240 Resp: 165684

Ion	Ratio	Lower	Upper
240	100		
120	11.2	7.1	10.7#
236	25.2	21.0	31.6



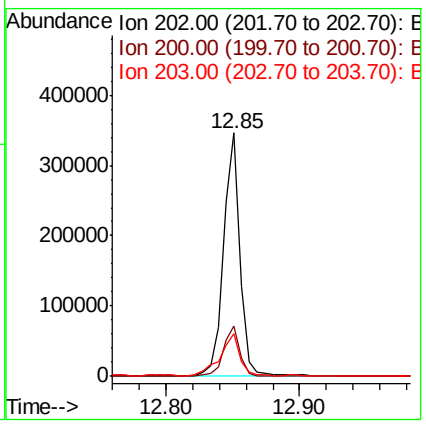


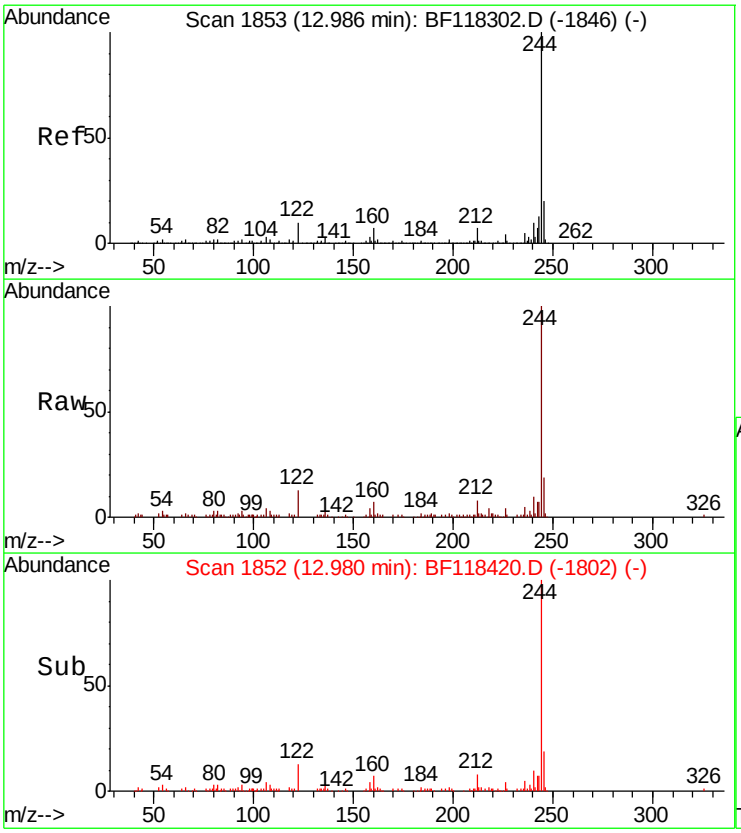
#78
Pyrene
Concen: 22.223 ng
RT: 12.85 min Scan# 1830
Delta R.T. 0.01 min
Lab File: BF118420.D
Acq: 31 Dec 2019 22:12

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 300677

Ion	Ratio	Lower	Upper
202	100		
200	20.9	16.8	25.2
203	17.4	13.9	20.9

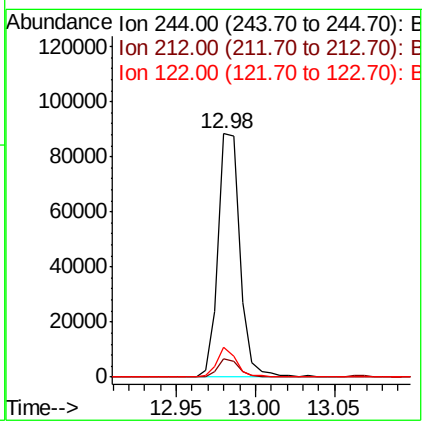


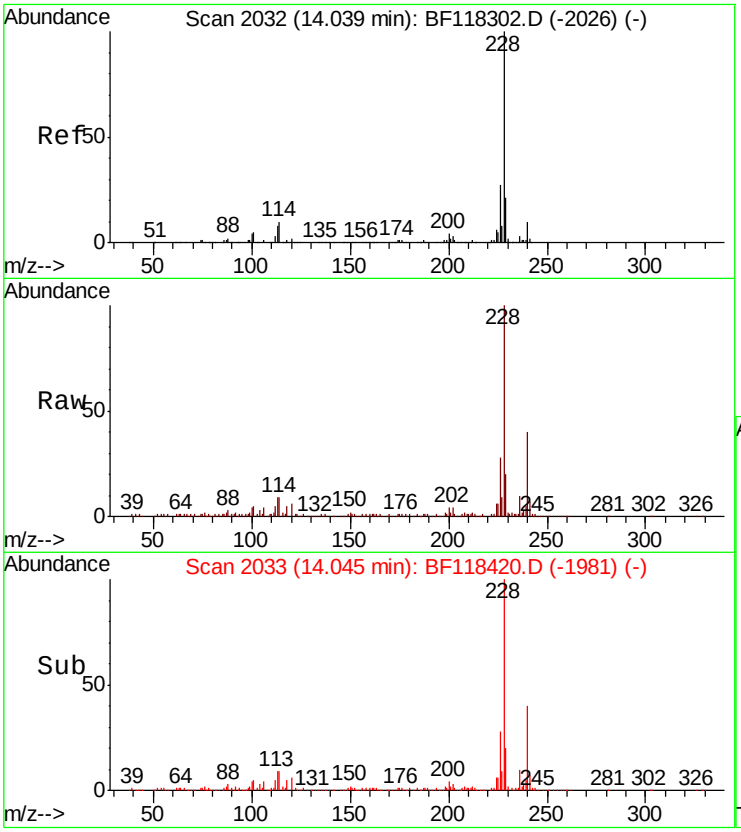


#79
Terphenyl-d14
Concen: 8.490 ng
RT: 12.98 min Scan# 1852
Delta R.T. -0.01 min
Lab File: BF118420.D
Acq: 31 Dec 2019 22:12

Tgt Ion:244 Resp: 84788

Ion	Ratio	Lower	Upper
244	100		
212	7.7	5.4	8.2
122	12.5	7.8	11.8#



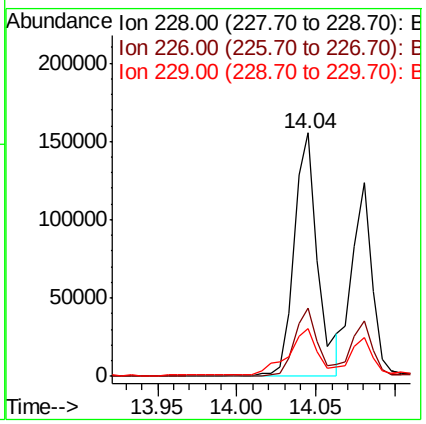


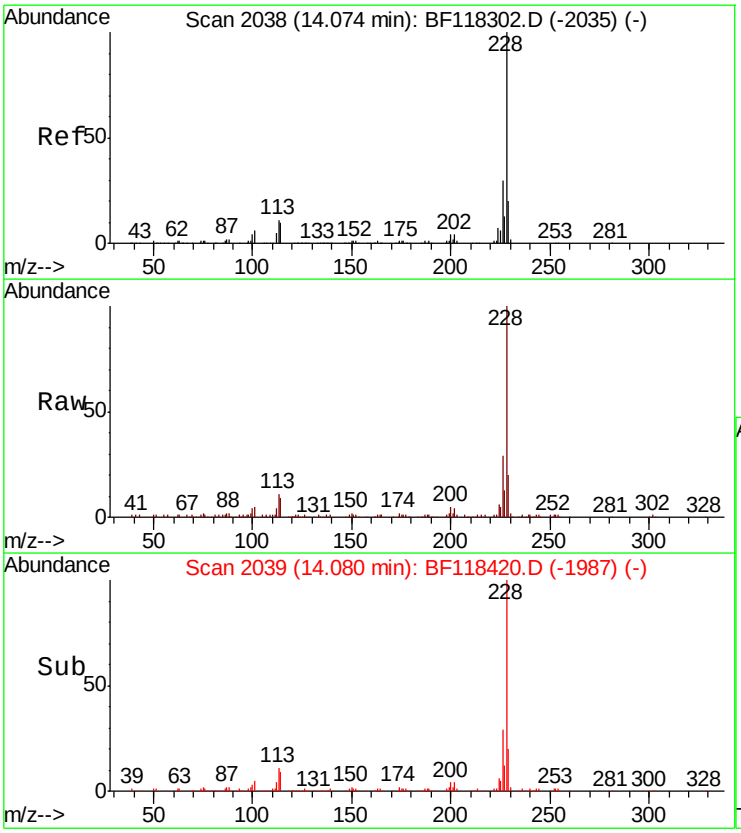
#81
Benzo(a)anthracene
Concen: 13.778 ng
RT: 14.04 min Scan# 2033
Delta R.T. 0.01 min
Lab File: BF118420.D
Acq: 31 Dec 2019 22:12

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 159790

Ion	Ratio	Lower	Upper
228	100		
226	27.8	22.0	33.0
229	19.8	16.6	24.8

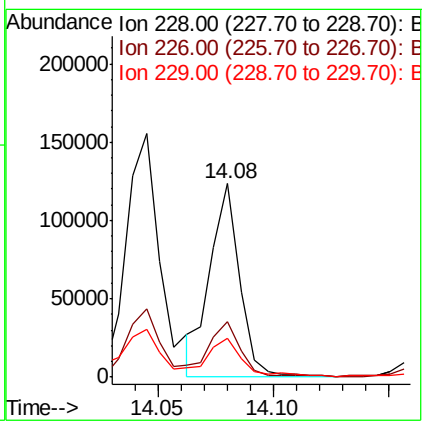


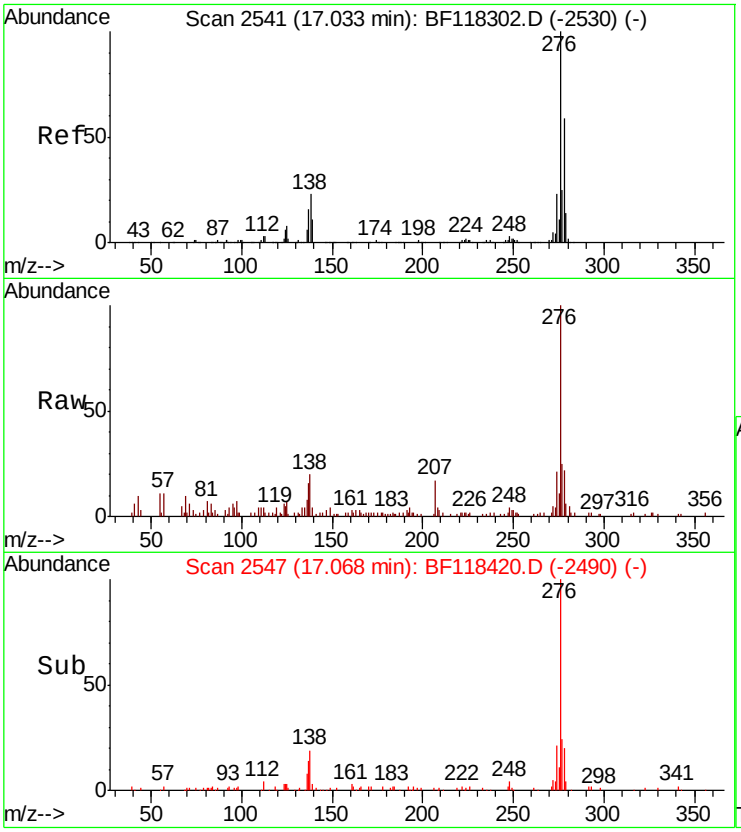


#83
Chrysene
Concen: 9.789 ng
RT: 14.08 min Scan# 2039
Delta R.T. 0.01 min
Lab File: BF118420.D
Acq: 31 Dec 2019 22:12

Tgt Ion:228 Resp: 108700

Ion	Ratio	Lower	Upper
228	100		
226	28.8	23.9	35.9
229	20.3	16.1	24.1



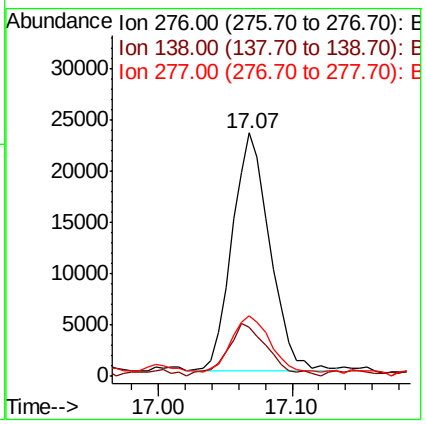


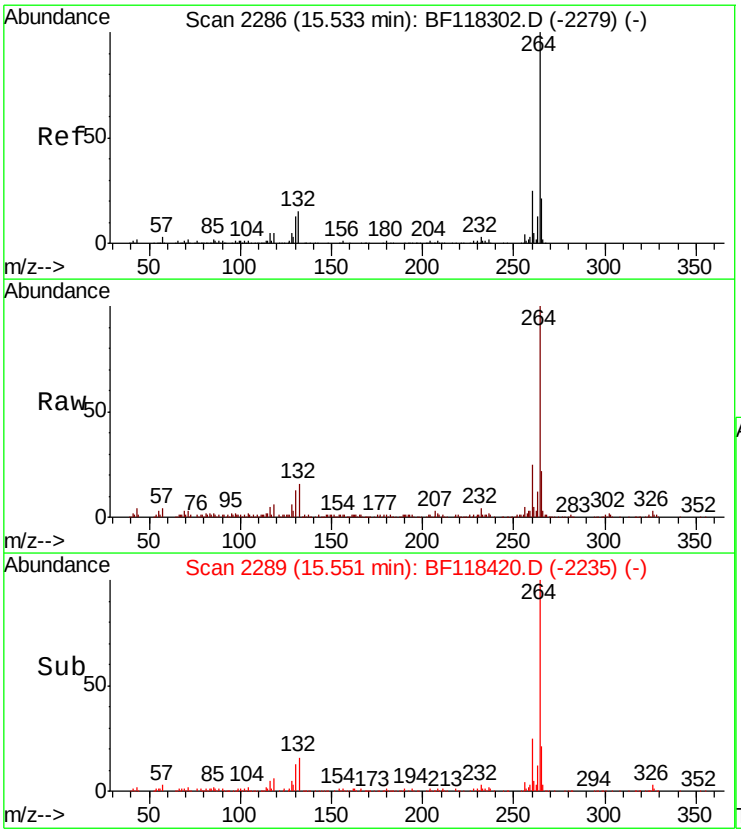
#86
Indeno(1,2,3-cd)pyrene
Concen: 4.836 ng
RT: 17.07 min Scan# 2547
Delta R.T. 0.04 min
Lab File: BF118420.D
Acq: 31 Dec 2019 22:12

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 45757

Ion	Ratio	Lower	Upper
276	100		
138	23.8	19.5	29.3
277	23.9	20.6	30.8

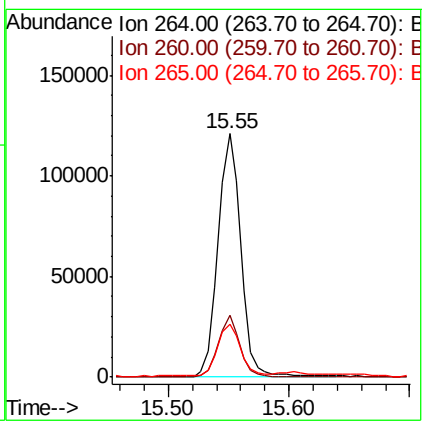


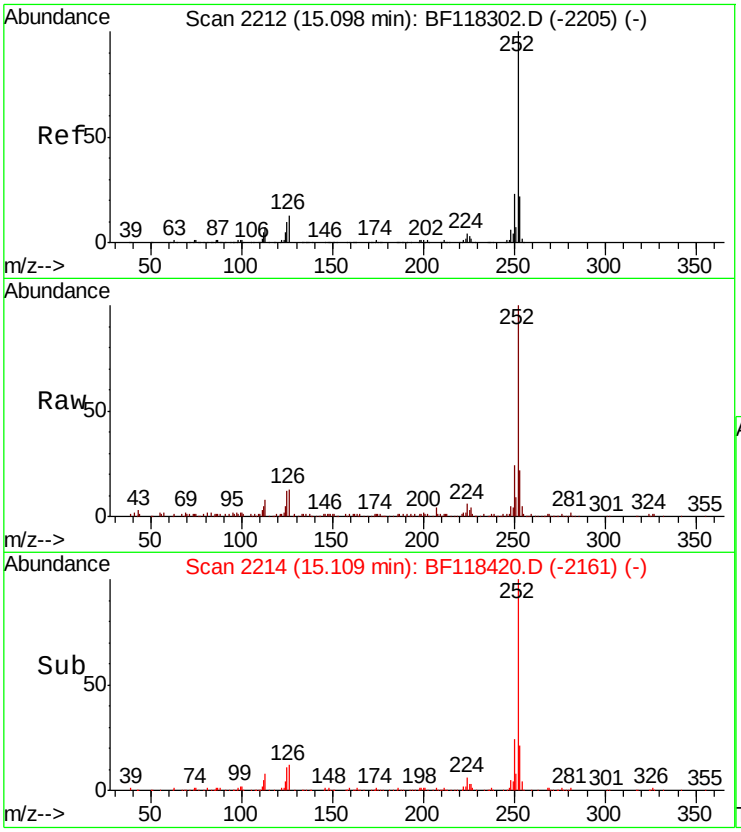


#87
Perylene-d12
Concen: 20.000 ng
RT: 15.55 min Scan# 2289
Delta R.T. 0.02 min
Lab File: BF118420.D
Acq: 31 Dec 2019 22:12

Tgt Ion:264 Resp: 158383

Ion	Ratio	Lower	Upper
264	100		
260	25.4	19.8	29.6
265	21.5	17.0	25.4



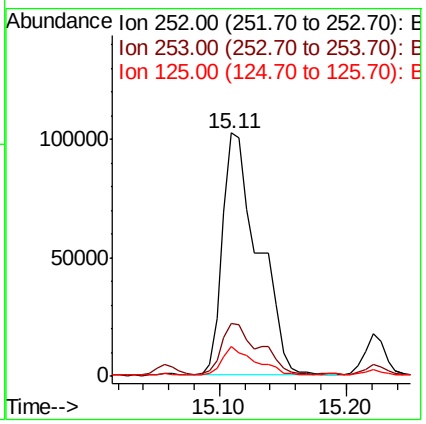


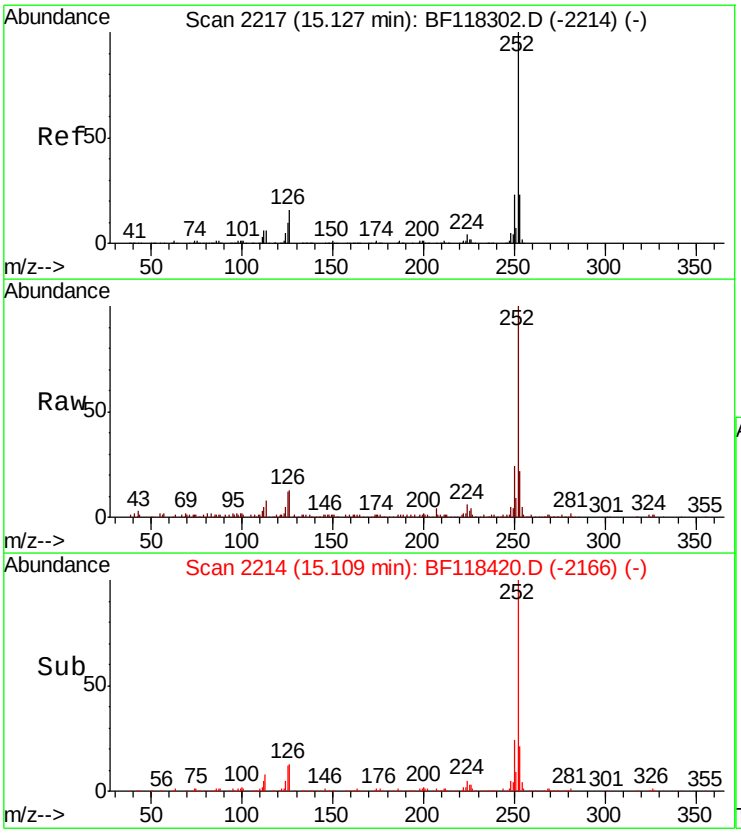
#88
Benzo(b)fluoranthene
Concen: 19.190 ng
RT: 15.11 min Scan# 2214
Delta R.T. 0.01 min
Lab File: BF118420.D
Acq: 31 Dec 2019 22:12

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 201748

Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.5	26.3
125	12.2	7.7	11.5#

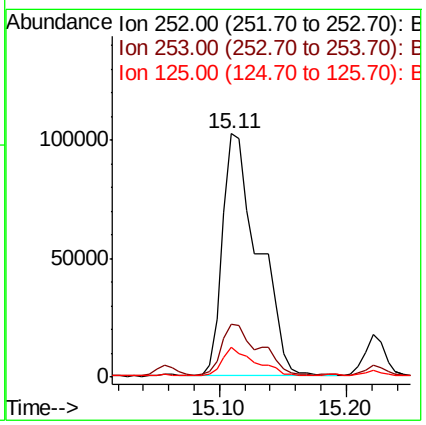


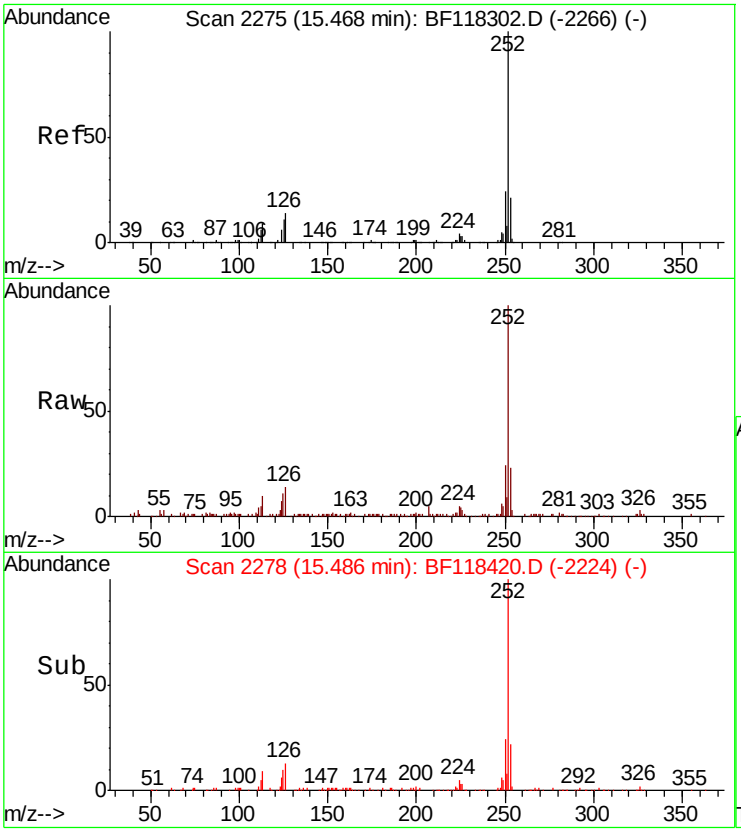


#89
Benzo(k)fluoranthene
Concen: 19.985 ng
RT: 15.11 min Scan# 2214
Delta R.T. -0.02 min
Lab File: BF118420.D
Acq: 31 Dec 2019 22:12

Tgt Ion:252 Resp: 201748

Ion	Ratio	Lower	Upper
252	100		
253	21.6	18.0	27.0
125	12.2	8.0	12.0#



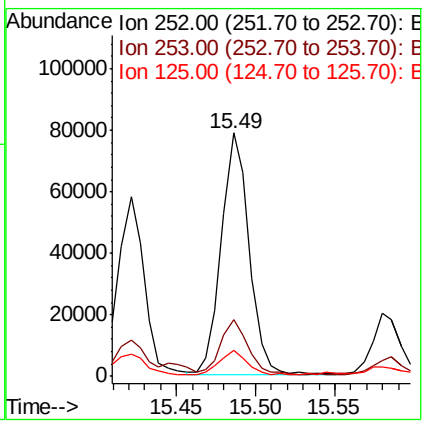


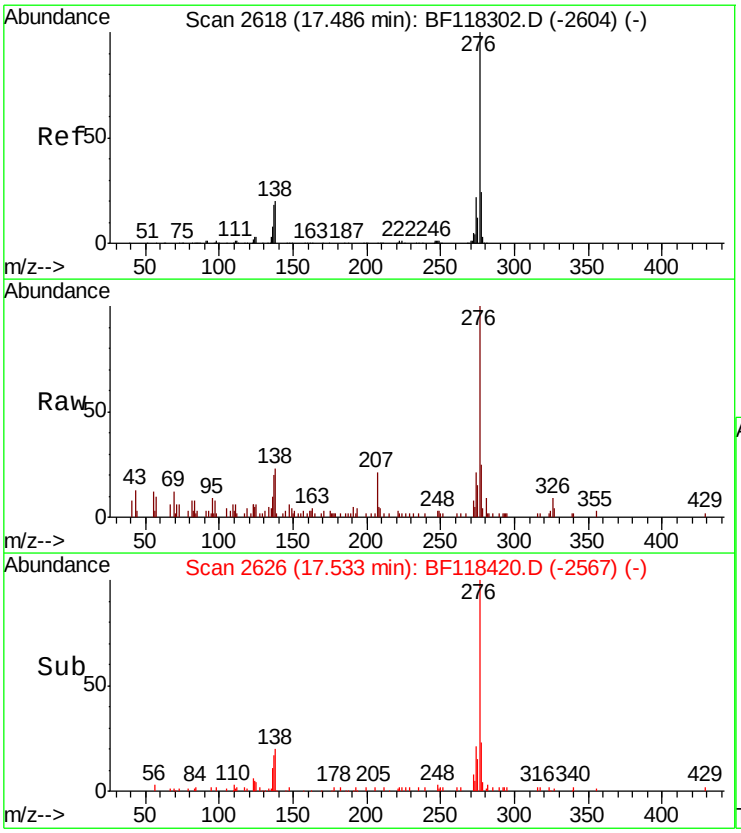
#90
Benzo(a)pyrene
Concen: 10.460 ng
RT: 15.49 min Scan# 2278
Delta R.T. 0.02 min
Lab File: BF118420.D
Acq: 31 Dec 2019 22:12

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 96871

Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.0	25.6
125	10.8	9.0	13.4





#92
Benzo(g,h,i)perylene
Concen: 5.599 ng
RT: 17.53 min Scan# 2626
Delta R.T. 0.05 min
Lab File: BF118420.D
Acq: 31 Dec 2019 22:12

Tgt Ion:276 Resp: 43472

Ion	Ratio	Lower	Upper
276	100		
277	25.3	19.1	28.7
138	22.5	16.1	24.1