Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120919\
Data File : BF118147.D
Acq On : 9 Dec 2019 16:34
Operator : JU
Sample : K6147-06DL 10X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Dec 10 00:54:14 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF120619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 06 17:34:43 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	106195	20.00	ng		0.00
21) Naphthalene-d8	8.15	136	429745	20.00	ng		0.00
39) Acenaphthene-d10	9.92	164	227158	20.00	ng		0.00
64) Phenanthrene-d10	11.41	188	404867	20.00	ng		0.00
76) Chrysene-d12	14.06	240	227847	20.00	ng		-0.01
87) Perylene-d12	15.55	264	269559	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.47	112	62695	10.34	ng		0.00
7) Phenol-d6	6.49	99	80273	10.95	ng		0.00
23) Nitrobenzene-d5	7.43	82	46014	6.02	ng		-0.01
42) 2,4,6-Tribromophenol	10.70	330	24967	9.05	ng		-0.01
45) 2-Fluorobiphenyl	9.23	172	104569	7.00	ng		-0.01
79) Terphenyl-d14	12.99	244	103012	7.77	ng		-0.01
Target Compounds							Qvalue
9) Benzaldehyde	6.63	77	1667	Below Cal		#	75
25) Isophorone	7.43	82	46013	3.553	ng	#	62
51) 2,6-Dinitrotoluene	9.92	165	29582	8.108	ng	#	28
52) Acenaphthene	9.95	154	53763	4.144	ng		99
57) 2,4-Dinitrotoluene	9.92	165	29582	6.075	ng	#	26
58) Fluorene	10.46	166	42897	2.839	ng		99
71) Phenanthrene	11.43	178	742650	34.506	ng		100
72) Anthracene	11.48	178	223474	10.409	ng		99
75) Fluoranthene	12.63	202	1425599	64.787	ng		99
78) Pyrene	12.86	202	1091530	60.791	ng		99
81) Benzo(a)anthracene	14.05	228	470401	29.857	ng		99
83) Chrysene	14.09	228	420161	27.919	ng		98
86) Indeno(1,2,3-cd)pyrene	17.05	276	244535	19.311	ng		96
88) Benzo(b)fluoranthene	15.12	252	668834	37.516	ng		99
89) Benzo(k)fluoranthene	15.12	252	668834	39.052	ng	#	96
90) Benzo(a)pyrene	15.49	252	338030	21.469	ng		97
92) Benzo(g,h,i)perylene	17.51	276	226453	17.450	ng		99

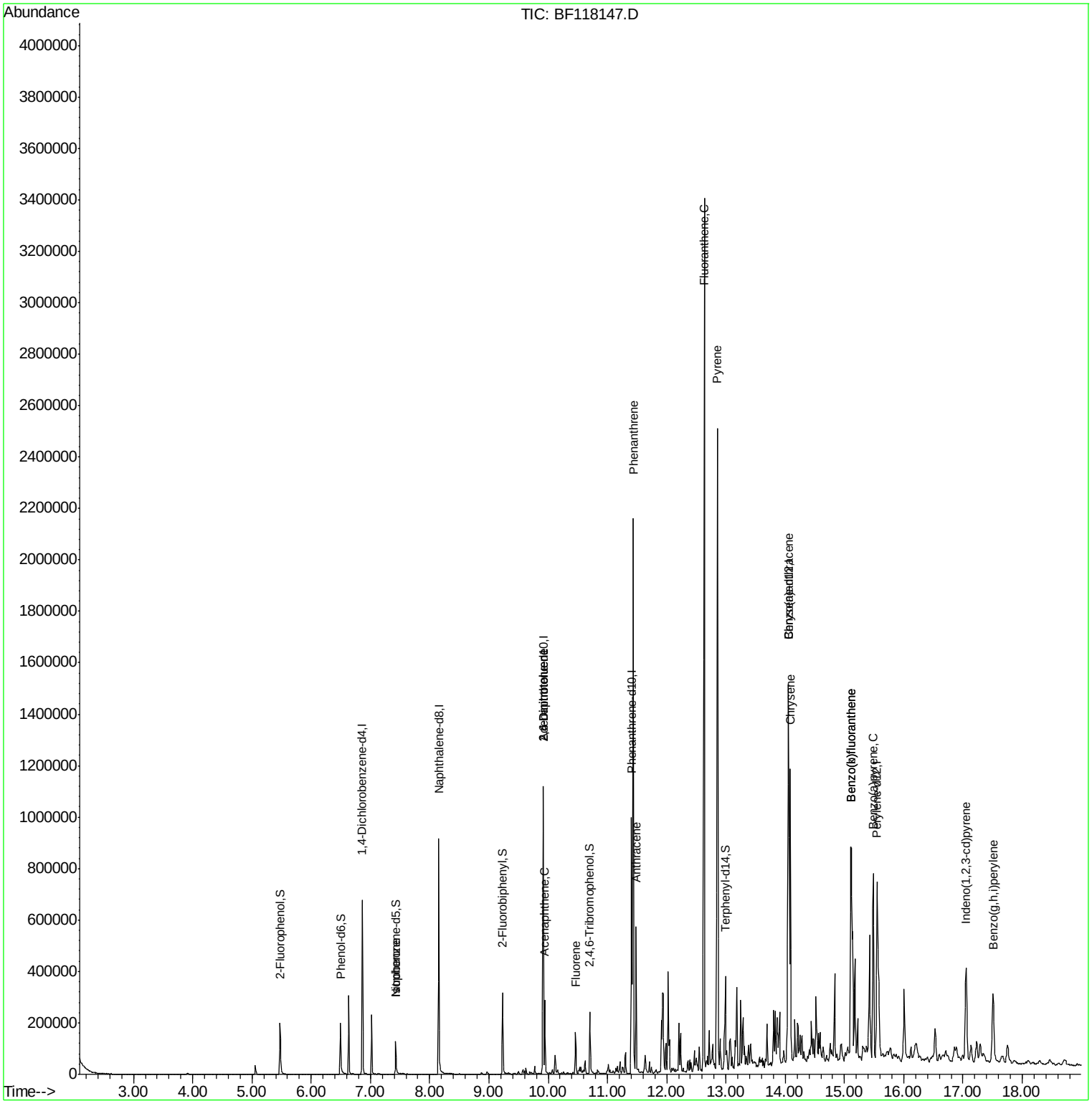
(#) = qualifier out of range (m) = manual integration (+) = signals summed

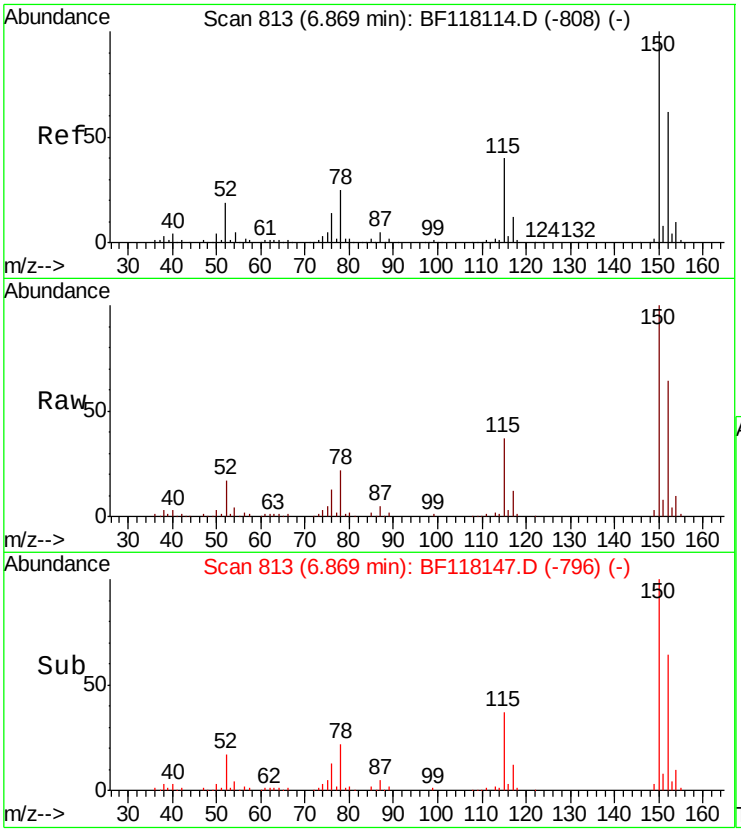
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120919\
Data File : BF118147.D
Acq On : 9 Dec 2019 16:34
Operator : JU
Sample : K6147-06DL 10X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Dec 10 00:54:14 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF120619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 06 17:34:43 2019
Response via : Initial Calibration



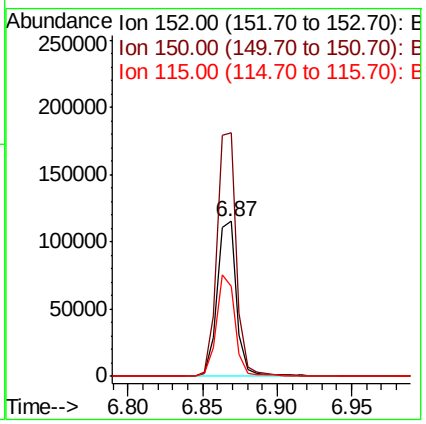


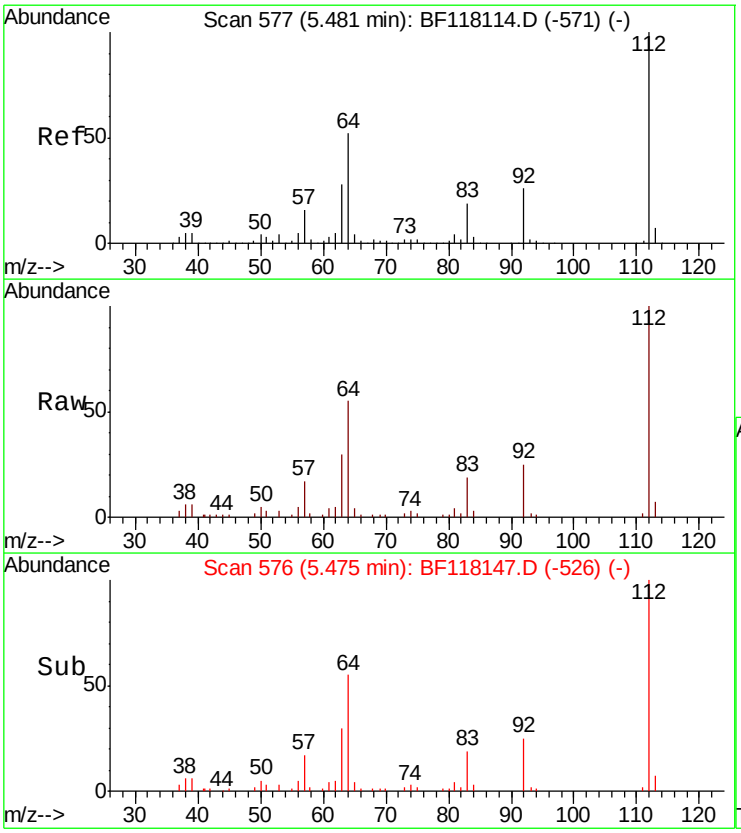
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 813
Delta R.T. -0.00 min
Lab File: BF118147.D
Acq: 9 Dec 2019 16:34

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 106195

Ion	Ratio	Lower	Upper
152	100		
150	157.3	128.3	192.5
115	58.4	51.1	76.7

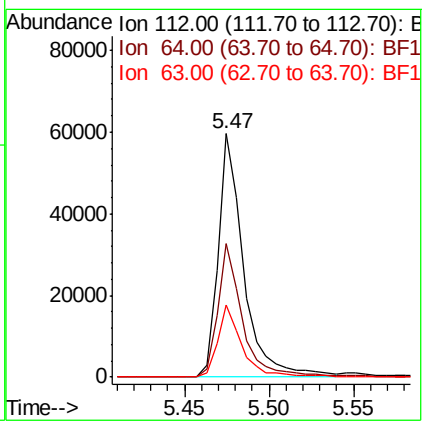


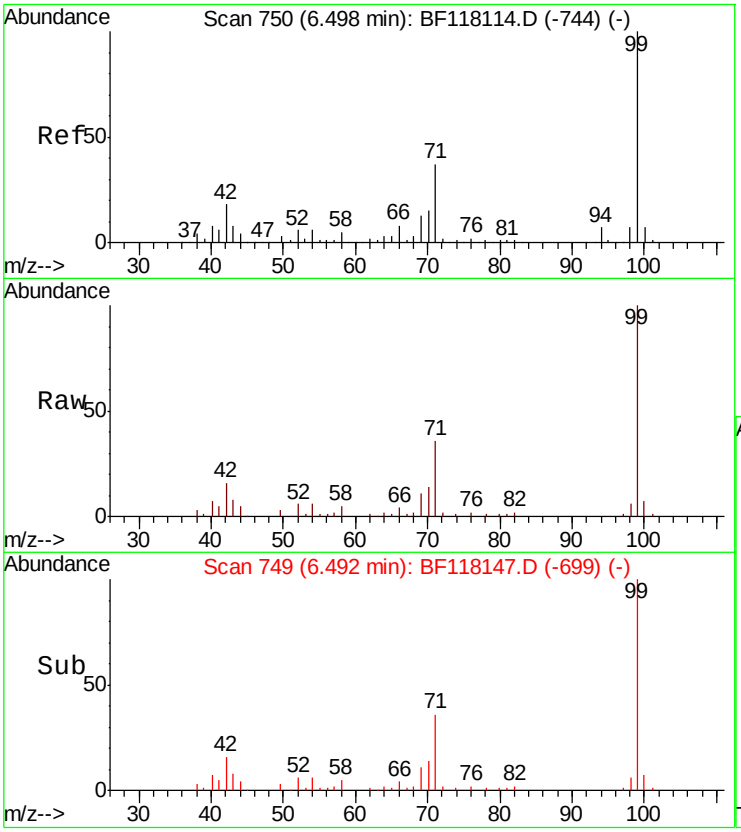


#5
2-Fluorophenol
Concen: 10.340 ng
RT: 5.47 min Scan# 576
Delta R.T. -0.01 min
Lab File: BF118147.D
Acq: 9 Dec 2019 16:34

Tgt Ion:112 Resp: 62695

Ion	Ratio	Lower	Upper
112	100		
64	54.8	41.3	61.9
63	29.5	22.4	33.6



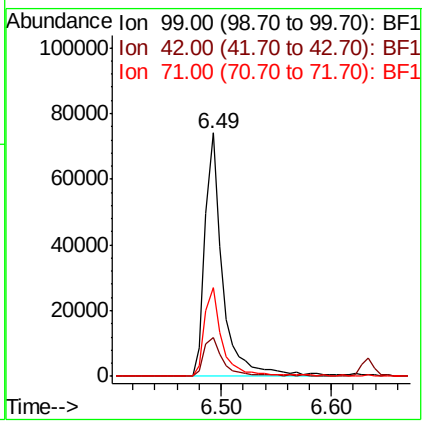


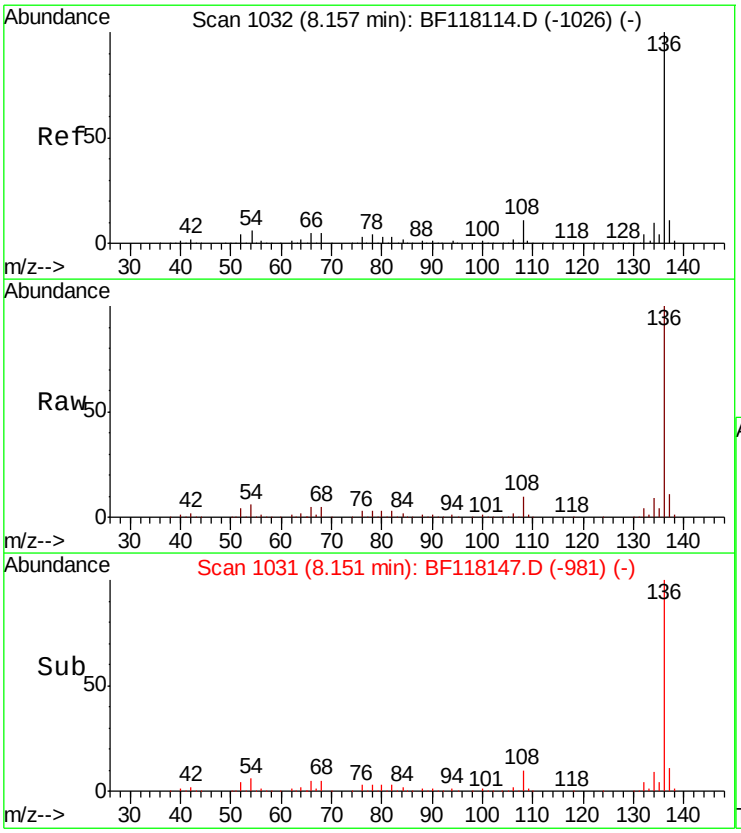
#7
Phenol-d6
Concen: 10.946 ng
RT: 6.49 min Scan# 749
Delta R.T. -0.01 min
Lab File: BF118147.D
Acq: 9 Dec 2019 16:34

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 80273

Ion	Ratio	Lower	Upper
99	100		
42	16.0	14.1	21.1
71	36.4	29.7	44.5

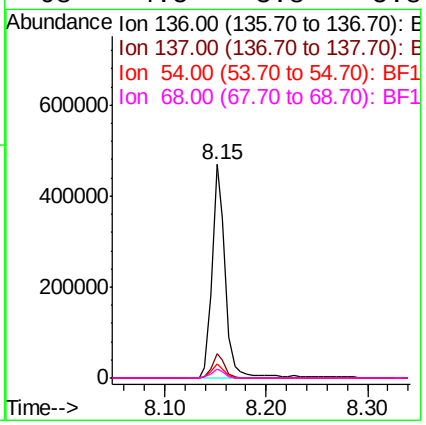


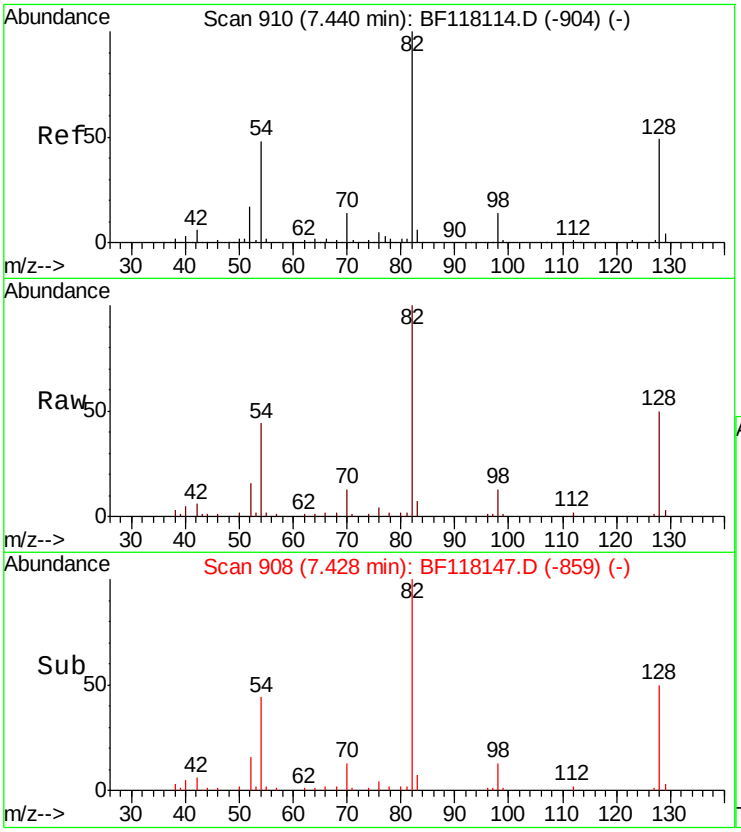


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.15 min Scan# 1031
Delta R.T. -0.01 min
Lab File: BF118147.D
Acq: 9 Dec 2019 16:34

Tgt Ion:136 Resp: 429745

Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.0	13.6
54	6.4	5.0	7.6
68	4.5	3.8	5.8



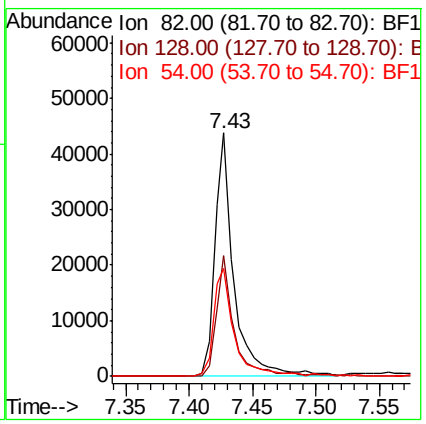


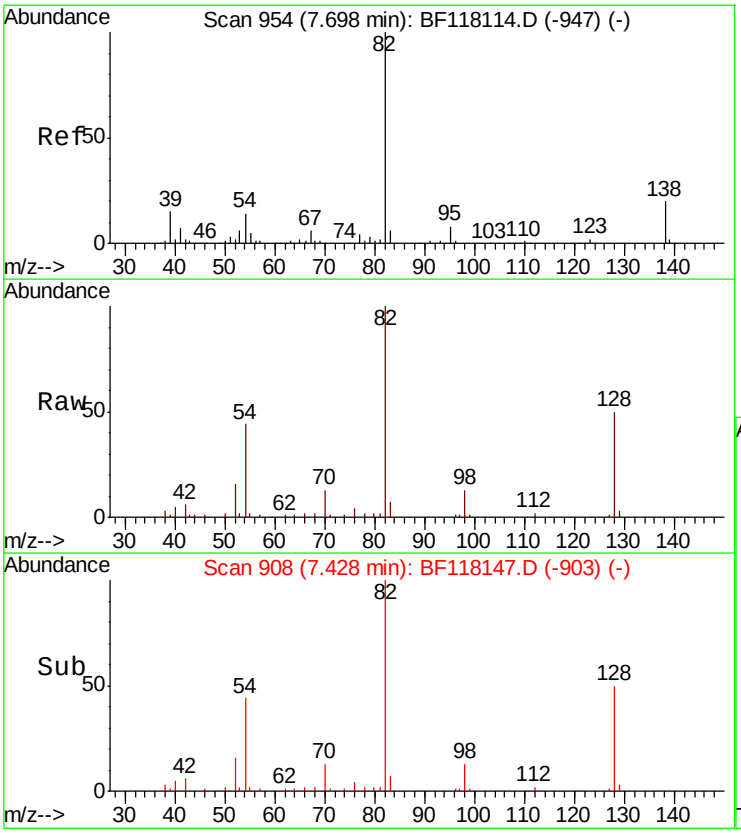
#23
Nitrobenzene-d5
Concen: 6.024 ng
RT: 7.43 min Scan# 908
Delta R.T. -0.01 min
Lab File: BF118147.D
Acq: 9 Dec 2019 16:34

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 46014

Ion	Ratio	Lower	Upper
82	100		
128	49.7	39.1	58.7
54	44.3	38.2	57.2

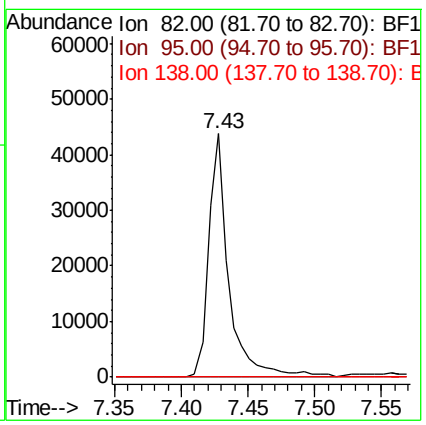


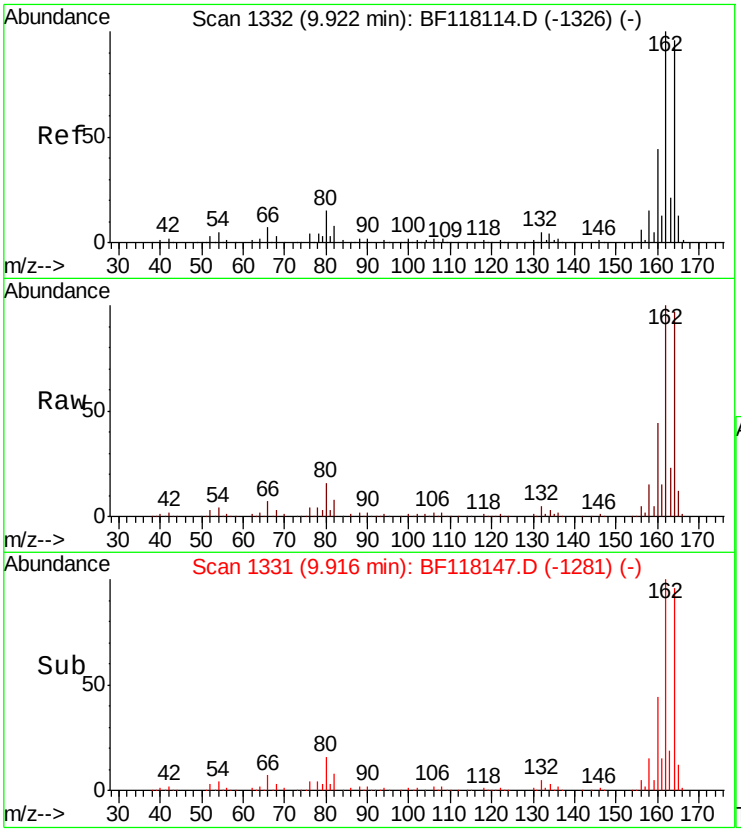


#25
Isophorone
Concen: 3.553 ng
RT: 7.43 min Scan# 908
Delta R.T. -0.27 min
Lab File: BF118147.D
Acq: 9 Dec 2019 16:34

Tgt Ion: 82 Resp: 46013

Ion	Ratio	Lower	Upper
82	100		
95	0.0	6.3	9.5#
138	0.0	16.3	24.5#



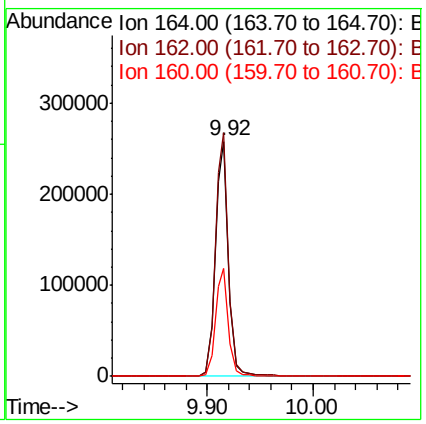


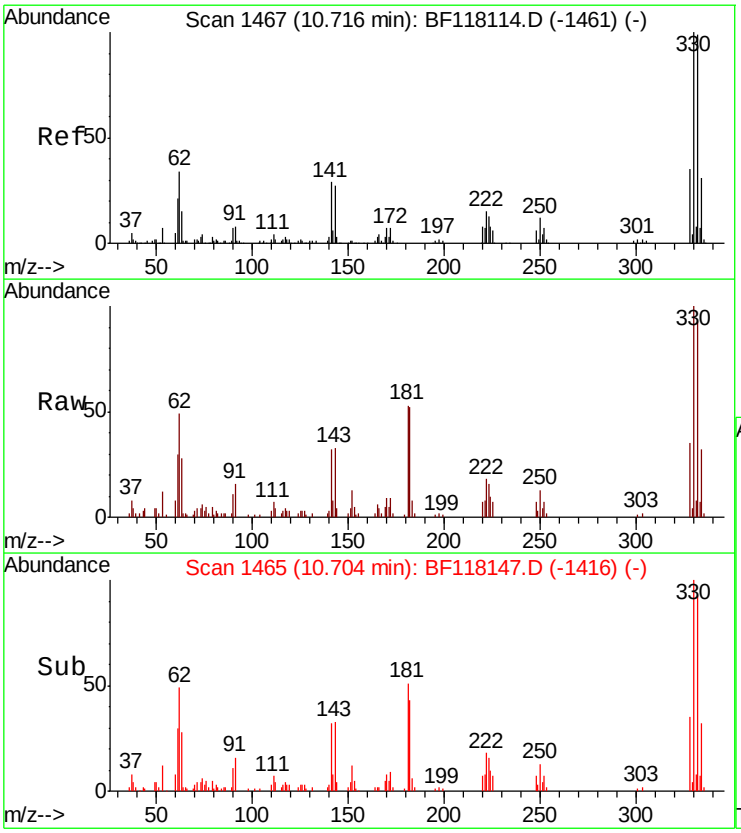
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.01 min
Lab File: BF118147.D
Acq: 9 Dec 2019 16:34

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 227158

Ion	Ratio	Lower	Upper
164	100		
162	103.5	83.4	125.0
160	45.6	36.6	54.8

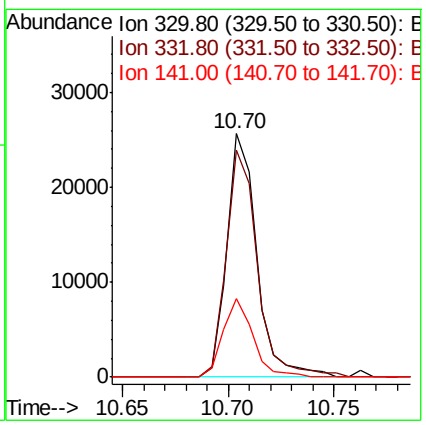


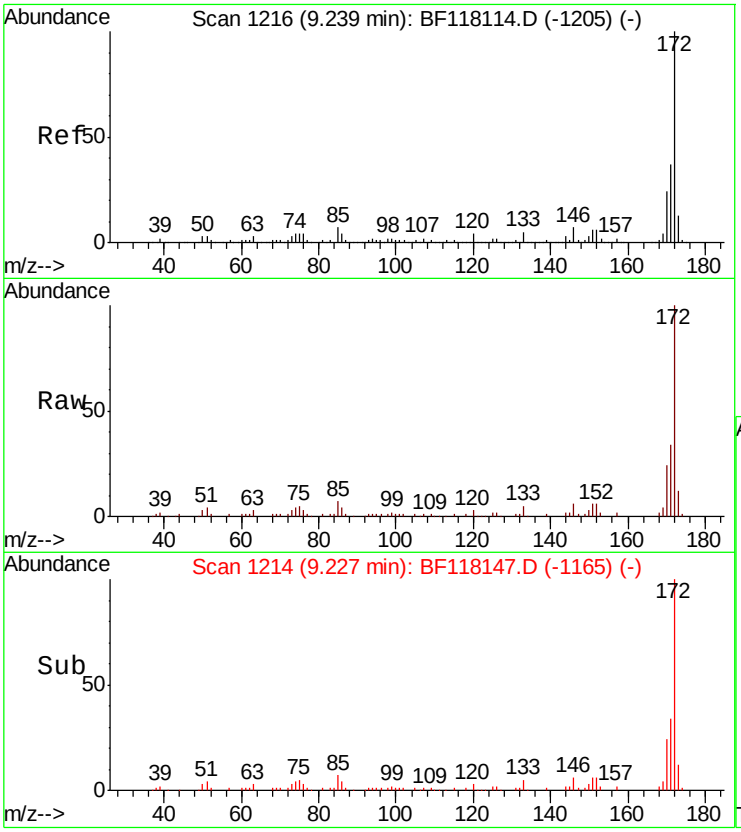


#42
2,4,6-Tribromophenol
Concen: 9.047 ng
RT: 10.70 min Scan# 1465
Delta R.T. -0.01 min
Lab File: BF118147.D
Acq: 9 Dec 2019 16:34

Tgt Ion:330 Resp: 24967

Ion	Ratio	Lower	Upper
330	100		
332	97.2	78.1	117.1
141	32.4	26.9	40.3



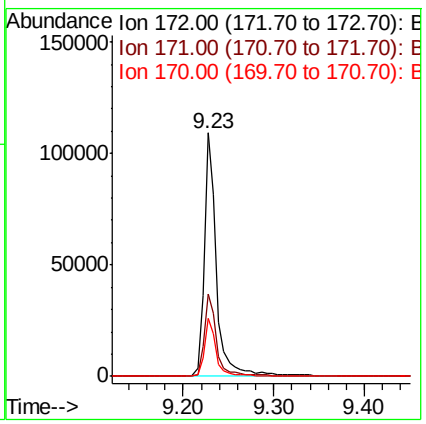


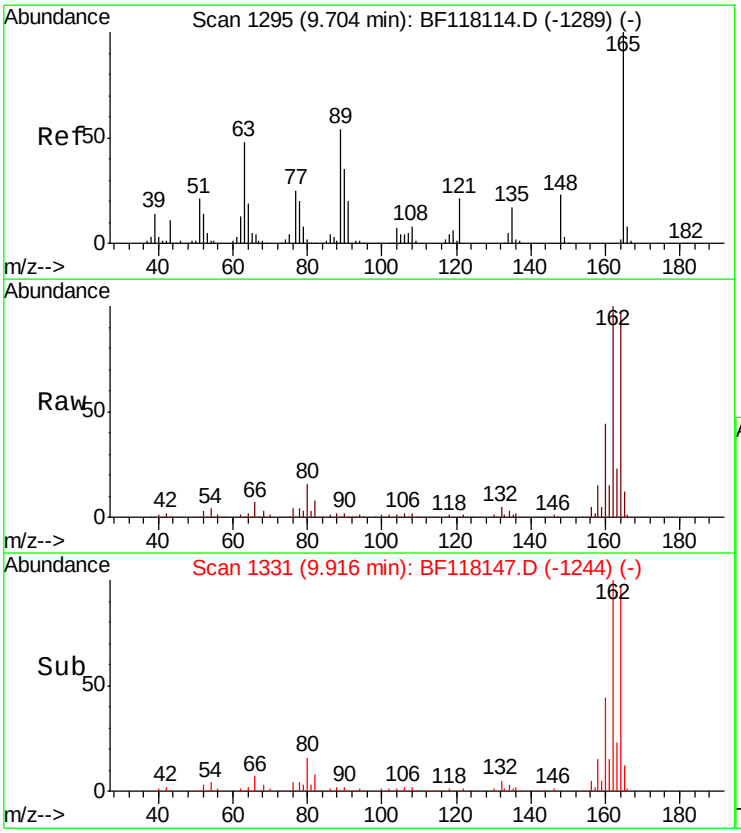
#45
2-Fluorobiphenyl
Concen: 7.005 ng
RT: 9.23 min Scan# 1214
Delta R.T. -0.01 min
Lab File: BF118147.D
Acq: 9 Dec 2019 16:34

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 104569

Ion	Ratio	Lower	Upper
172	100		
171	33.9	29.2	43.8
170	23.6	19.4	29.2

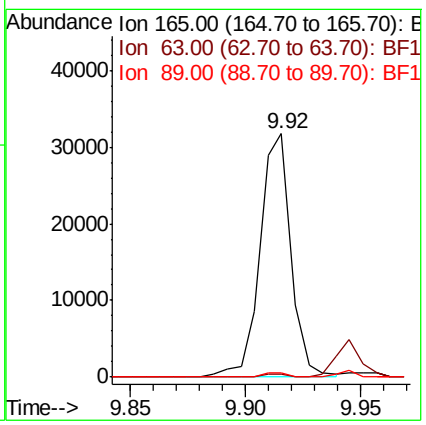


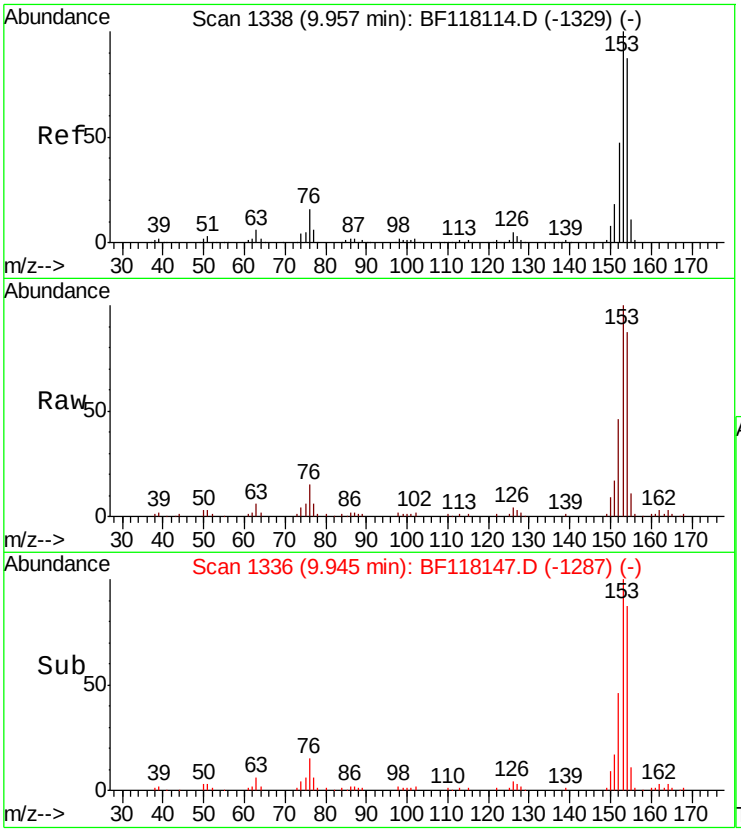


#51
2,6-Dinitrotoluene
Concen: 8.108 ng
RT: 9.92 min Scan# 1331
Delta R.T. 0.21 min
Lab File: BF118147.D
Acq: 9 Dec 2019 16:34

Tgt Ion:165 Resp: 29582

Ion	Ratio	Lower	Upper
165	100		
63	1.4	41.4	62.0#
89	1.7	42.9	64.3#



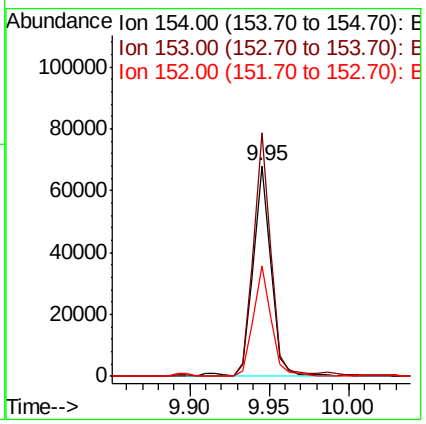


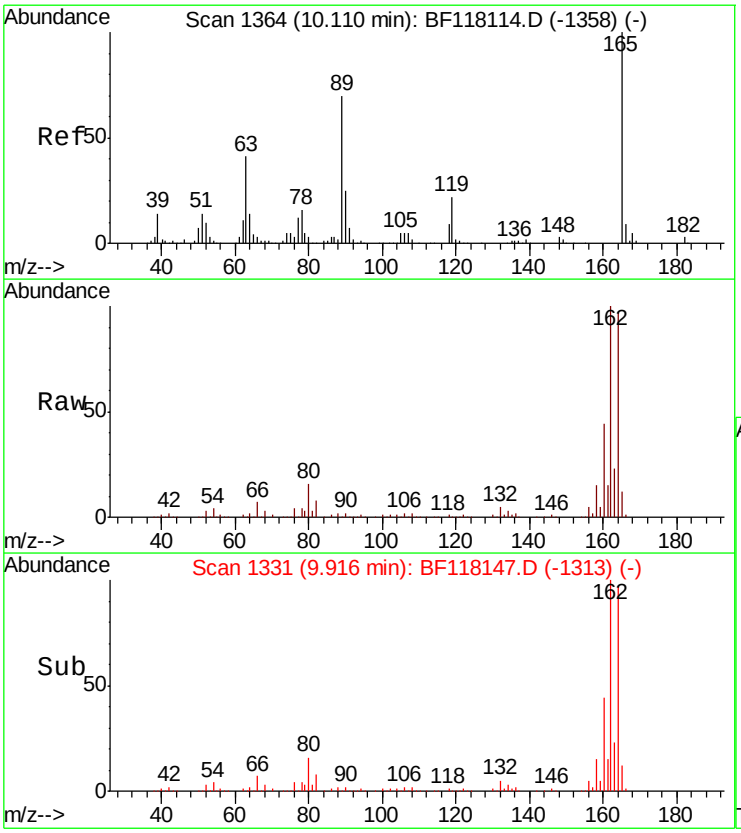
#52
Acenaphthene
Concen: 4.144 ng
RT: 9.95 min Scan# 1336
Delta R.T. -0.01 min
Lab File: BF118147.D
Acq: 9 Dec 2019 16:34

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:154 Resp: 53763

Ion	Ratio	Lower	Upper
154	100		
153	115.5	91.8	137.6
152	52.6	43.3	64.9

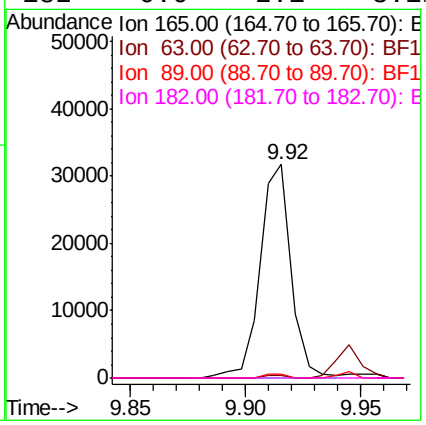


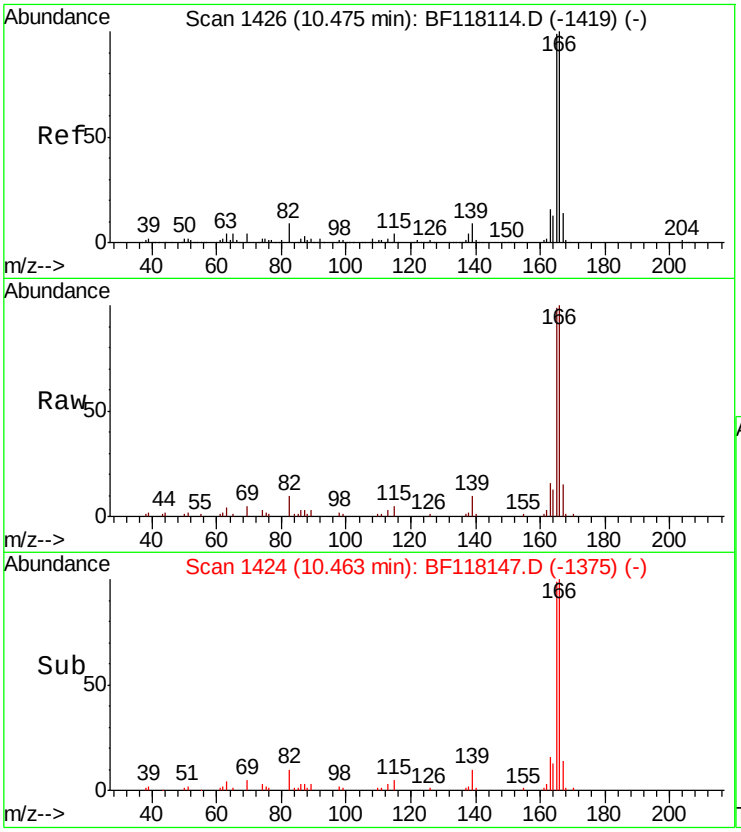


#57
2,4-Dinitrotoluene
Concen: 6.075 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.19 min
Lab File: BF118147.D
Acq: 9 Dec 2019 16:34

Tgt Ion:165 Resp: 29582

Ion	Ratio	Lower	Upper
165	100		
63	1.4	32.6	49.0#
89	1.7	56.1	84.1#
182	0.0	2.1	3.1#



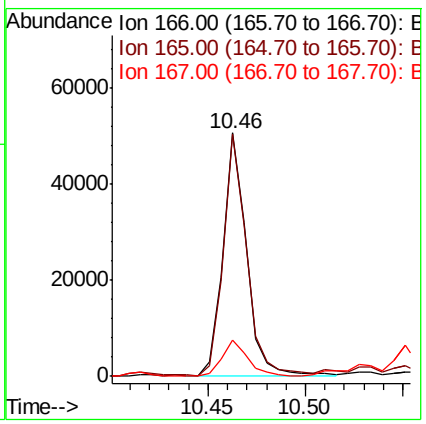


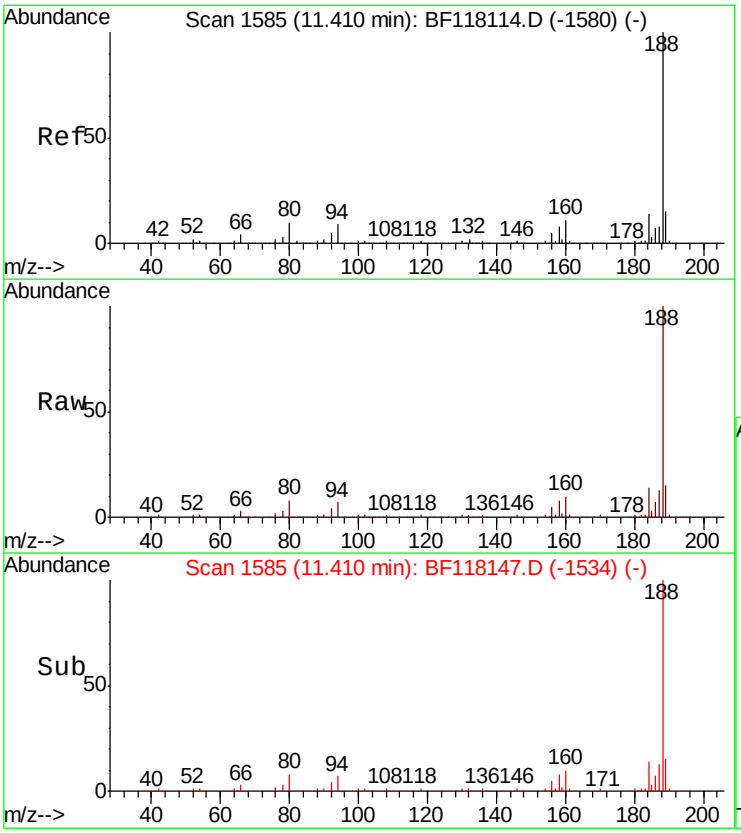
#58
Fluorene
Concen: 2.839 ng
RT: 10.46 min Scan# 1424
Delta R.T. -0.01 min
Lab File: BF118147.D
Acq: 9 Dec 2019 16:34

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:166 Resp: 42897

Ion	Ratio	Lower	Upper
166	100		
165	99.5	79.0	118.4
167	15.0	10.9	16.3

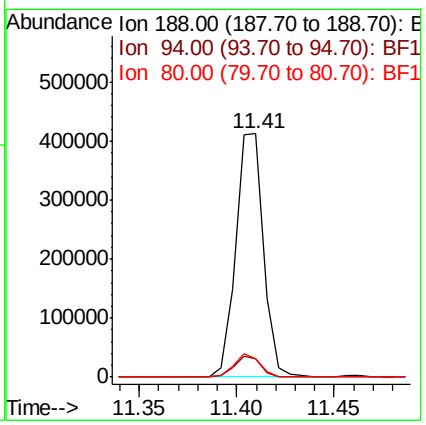


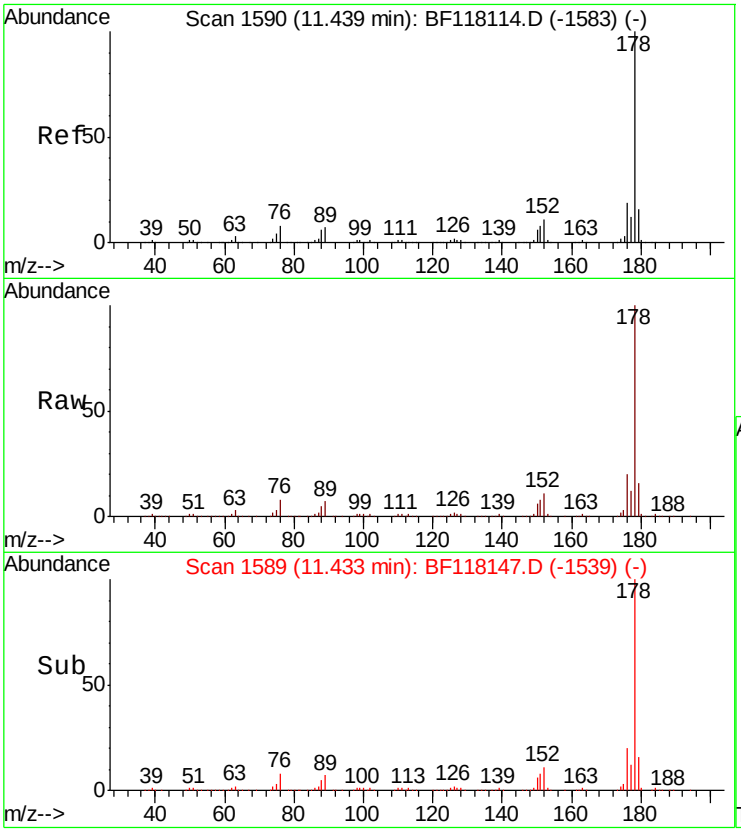


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.41 min Scan# 1585
Delta R.T. -0.00 min
Lab File: BF118147.D
Acq: 9 Dec 2019 16:34

Tgt Ion:188 Resp: 404867

Ion	Ratio	Lower	Upper
188	100		
94	7.4	7.1	10.7
80	7.7	7.9	11.9#



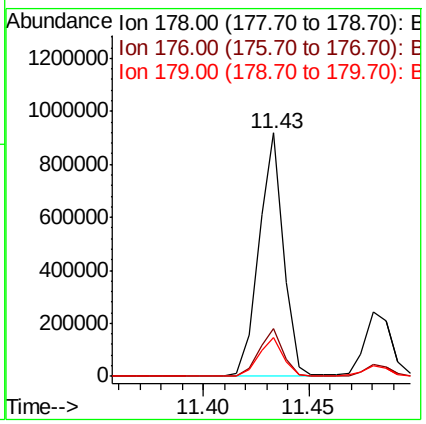


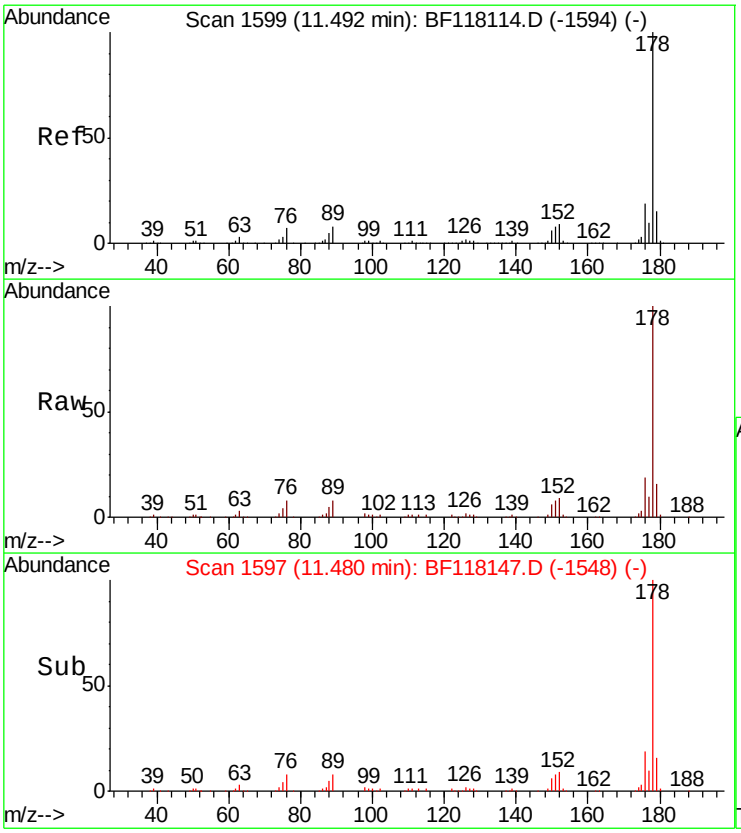
#71
Phenanthrene
Concen: 34.506 ng
RT: 11.43 min Scan# 1589
Delta R.T. -0.01 min
Lab File: BF118147.D
Acq: 9 Dec 2019 16:34

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 742650

Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.5	23.3
179	15.7	12.6	18.8

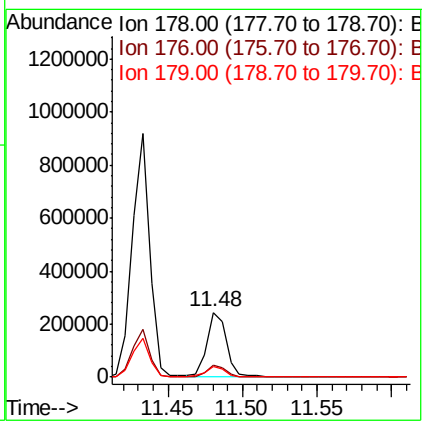


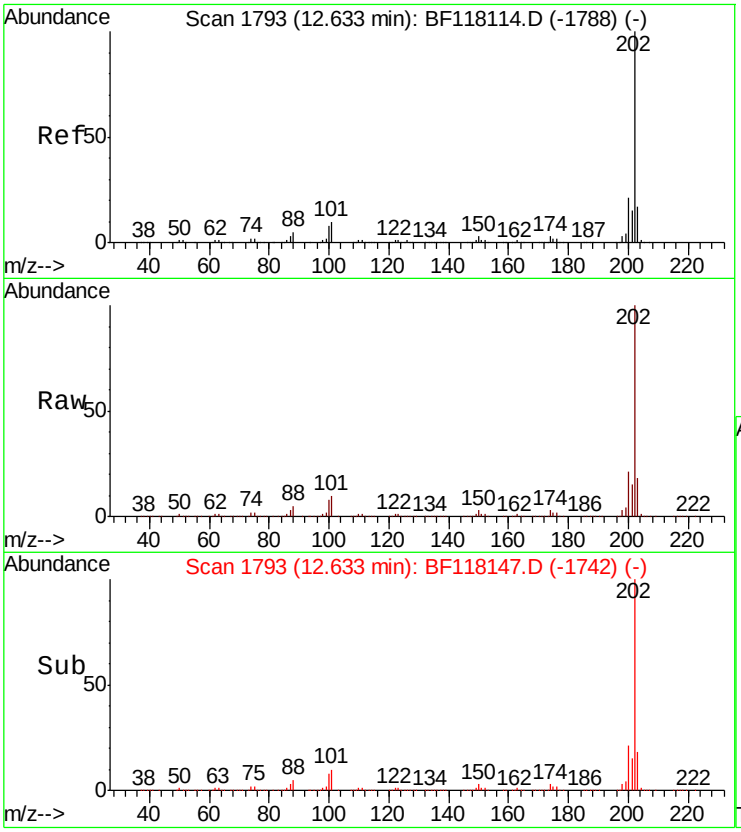


#72
Anthracene
Concen: 10.409 ng
RT: 11.48 min Scan# 1597
Delta R.T. -0.01 min
Lab File: BF118147.D
Acq: 9 Dec 2019 16:34

Tgt Ion:178 Resp: 223474

Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.0	22.6
179	16.0	12.2	18.4



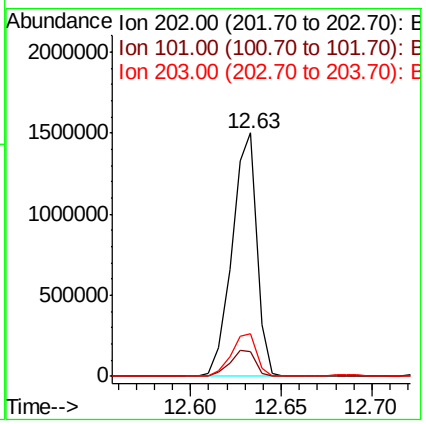


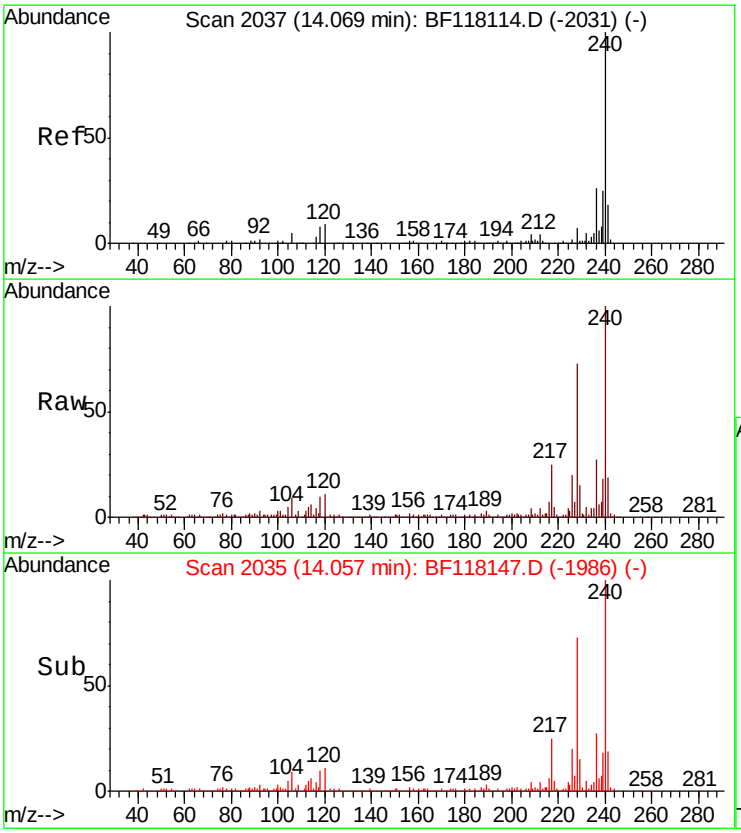
#75
Fluoranthene
Concen: 64.787 ng
RT: 12.63 min Scan# 1793
Delta R.T. -0.00 min
Lab File: BF118147.D
Acq: 9 Dec 2019 16:34

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 1425599

Ion	Ratio	Lower	Upper
202	100		
101	10.4	0.0	30.4
203	17.6	0.0	37.2

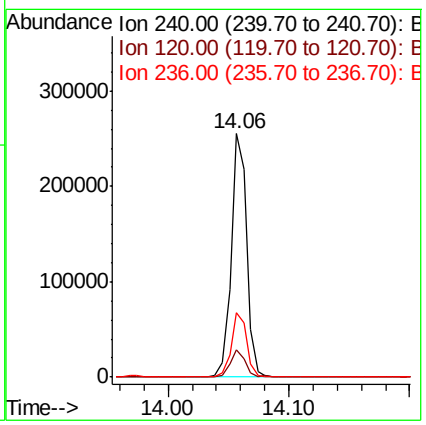


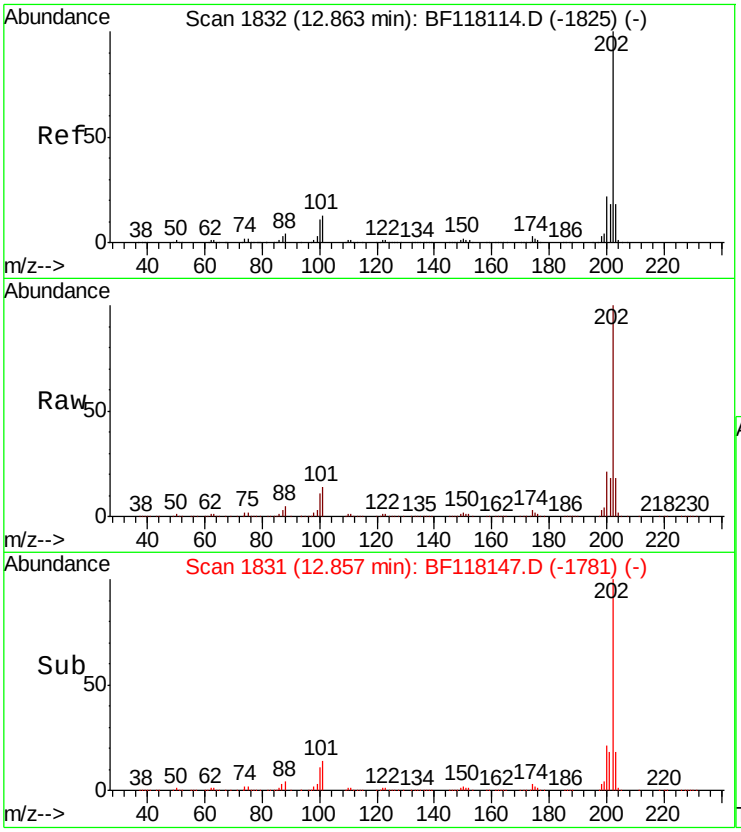


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.06 min Scan# 2035
Delta R.T. -0.01 min
Lab File: BF118147.D
Acq: 9 Dec 2019 16:34

Tgt Ion:240 Resp: 227847

Ion	Ratio	Lower	Upper
240	100		
120	11.3	7.1	10.7#
236	26.6	21.0	31.6



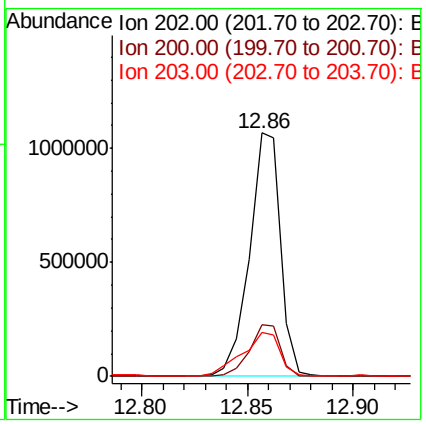


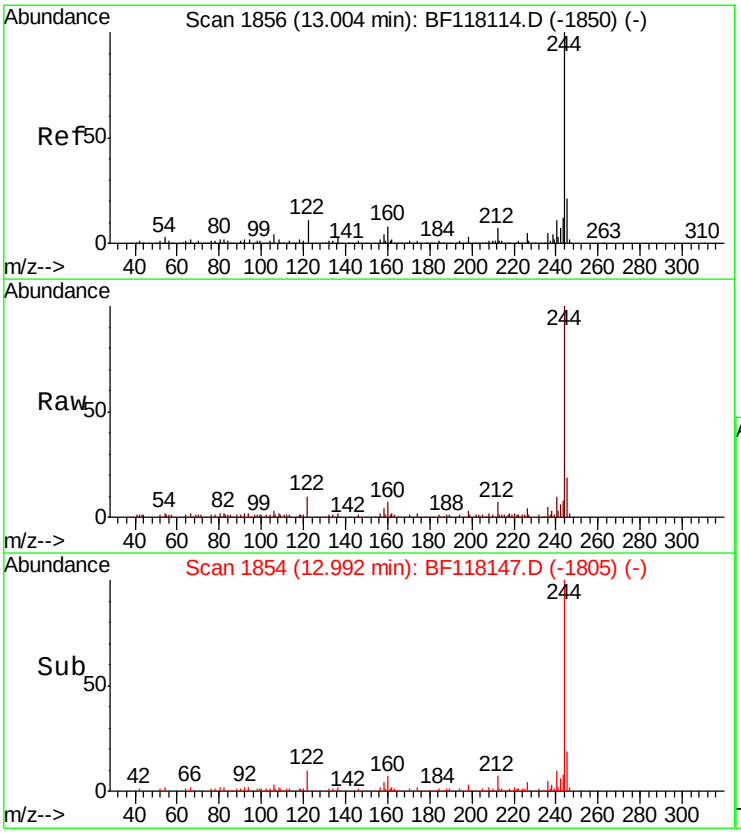
#78
Pyrene
Concen: 60.791 ng
RT: 12.86 min Scan# 1831
Delta R.T. -0.01 min
Lab File: BF118147.D
Acq: 9 Dec 2019 16:34

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 1091530

Ion	Ratio	Lower	Upper
202	100		
200	21.4	17.5	26.3
203	18.0	14.6	21.8

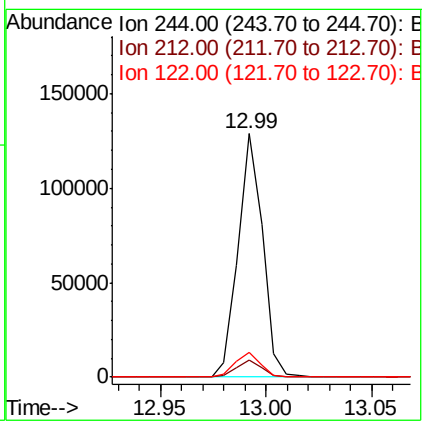


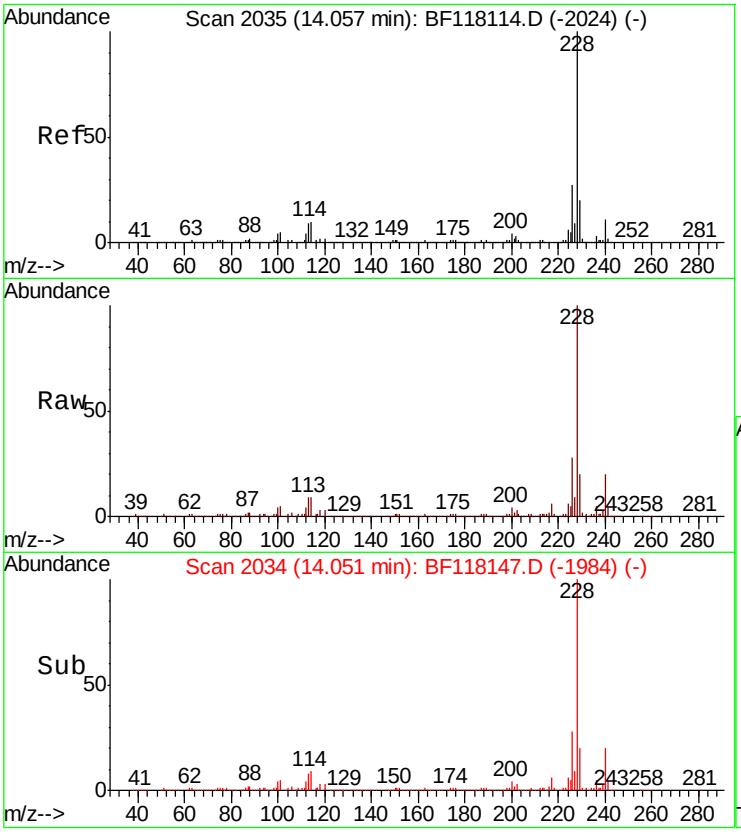


#79
Terphenyl-d14
Concen: 7.775 ng
RT: 12.99 min Scan# 1854
Delta R.T. -0.01 min
Lab File: BF118147.D
Acq: 9 Dec 2019 16:34

Tgt Ion:244 Resp: 103012

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.9	8.9
122	9.9	9.0	13.6



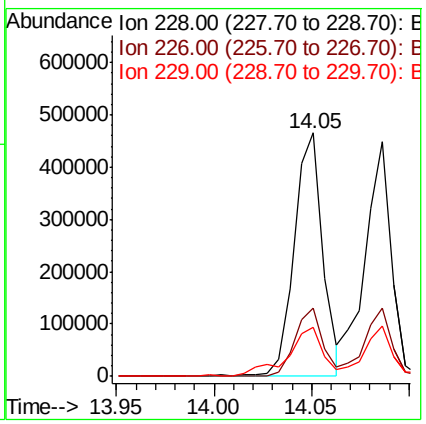


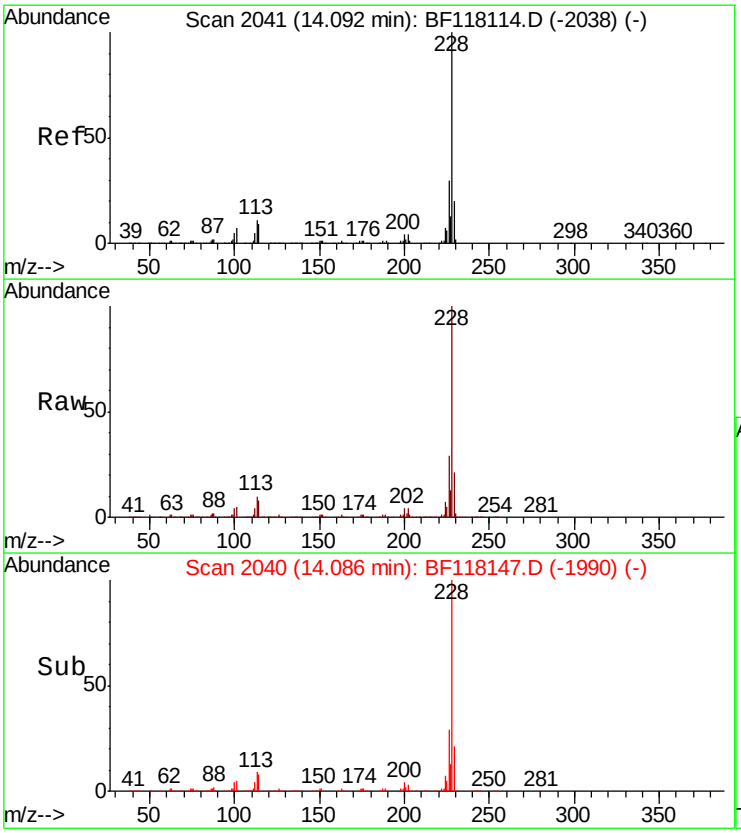
#81
Benzo(a)anthracene
Concen: 29.857 ng
RT: 14.05 min Scan# 2034
Delta R.T. -0.01 min
Lab File: BF118147.D
Acq: 9 Dec 2019 16:34

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 470401

Ion	Ratio	Lower	Upper
228	100		
226	28.0	21.8	32.8
229	20.0	15.8	23.8

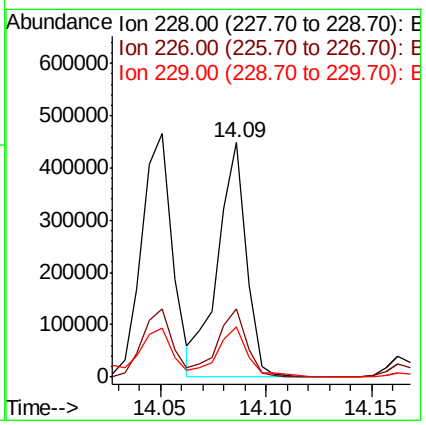


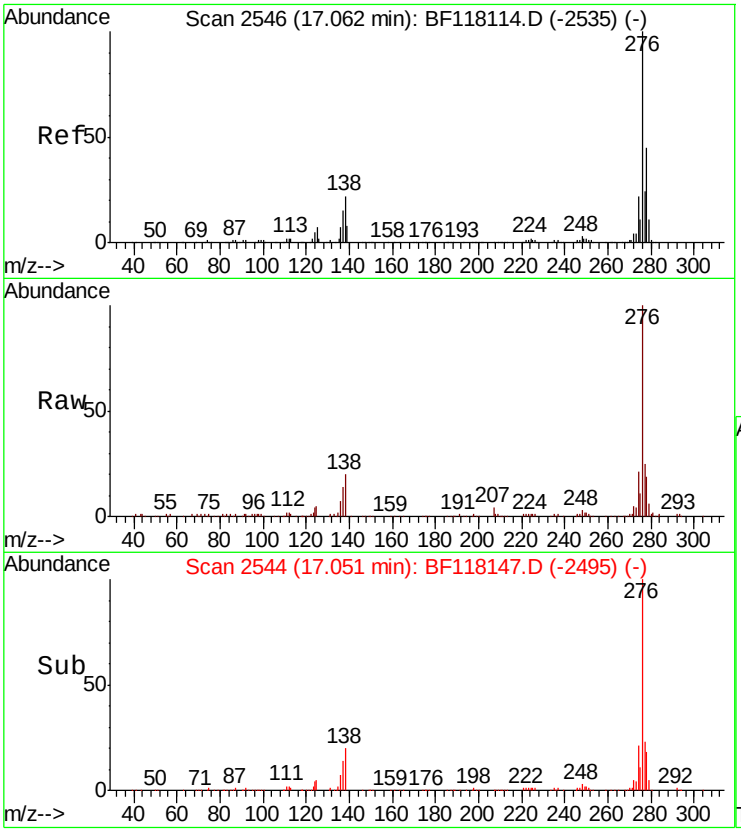


#83
Chrysene
Concen: 27.919 ng
RT: 14.09 min Scan# 2040
Delta R.T. -0.01 min
Lab File: BF118147.D
Acq: 9 Dec 2019 16:34

Tgt Ion:228 Resp: 420161

Ion	Ratio	Lower	Upper
228	100		
226	29.2	23.8	35.8
229	21.3	15.7	23.5



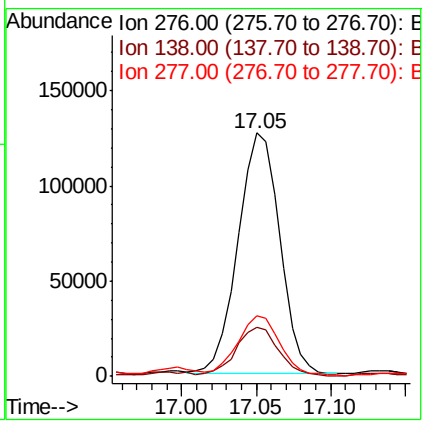


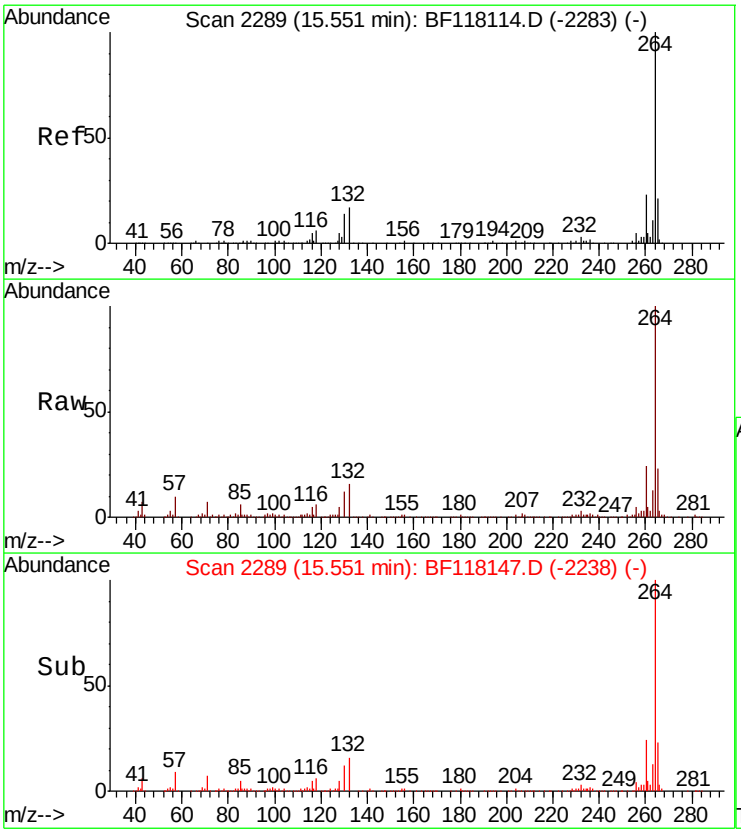
#86
Indeno(1,2,3-cd)pyrene
Concen: 19.311 ng
RT: 17.05 min Scan# 2544
Delta R.T. -0.01 min
Lab File: BF118147.D
Acq: 9 Dec 2019 16:34

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 244535

Ion	Ratio	Lower	Upper
276	100		
138	20.3	18.9	28.3
277	25.1	20.4	30.6

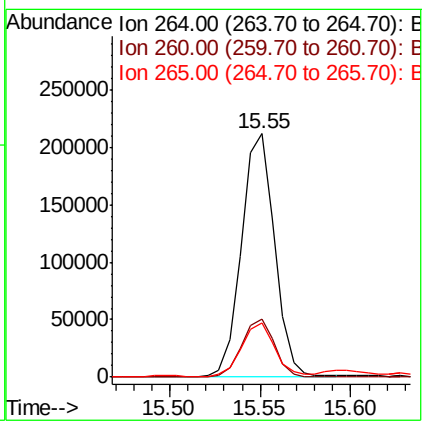


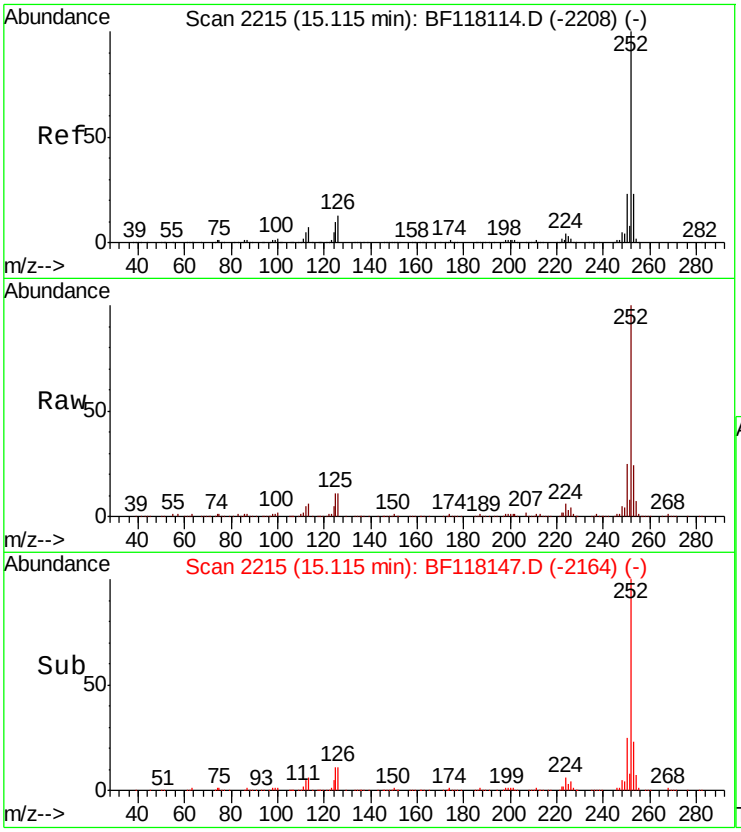


#87
Perylene-d12
Concen: 20.000 ng
RT: 15.55 min Scan# 2289
Delta R.T. -0.00 min
Lab File: BF118147.D
Acq: 9 Dec 2019 16:34

Tgt Ion:264 Resp: 269559

Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.6	28.0
265	22.5	16.8	25.2



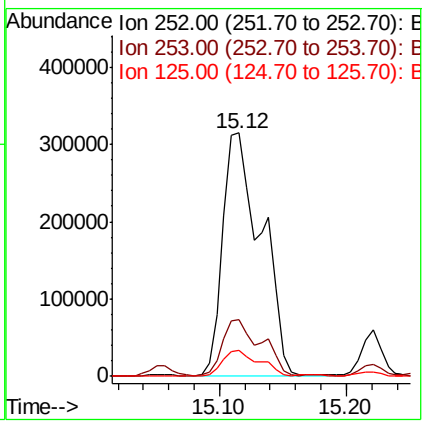


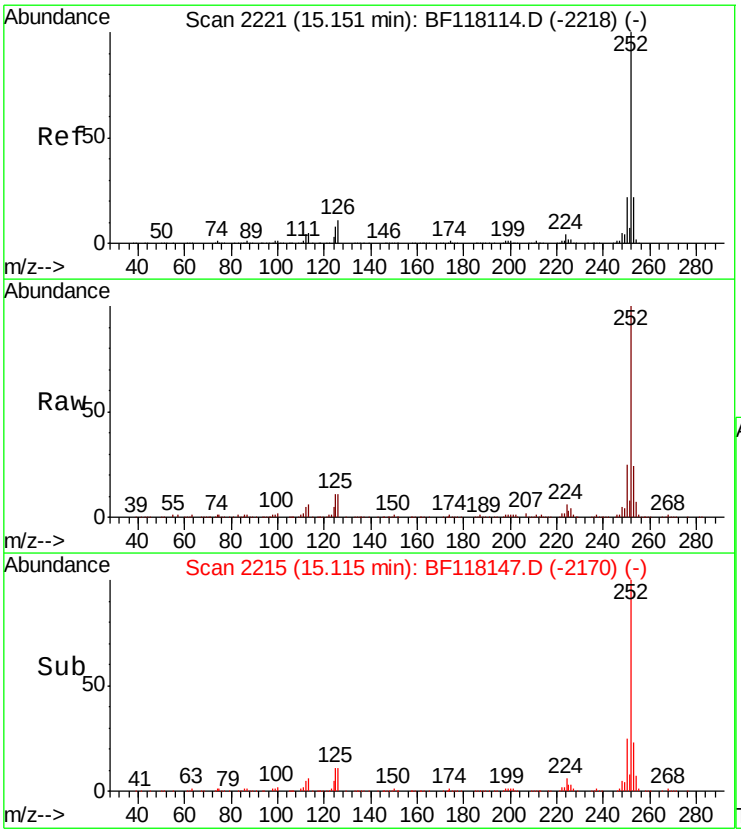
#88
Benzo(b)fluoranthene
Concen: 37.516 ng
RT: 15.12 min Scan# 2215
Delta R.T. -0.00 min
Lab File: BF118147.D
Acq: 9 Dec 2019 16:34

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 668834

Ion	Ratio	Lower	Upper
252	100		
253	23.5	18.2	27.4
125	10.8	8.3	12.5

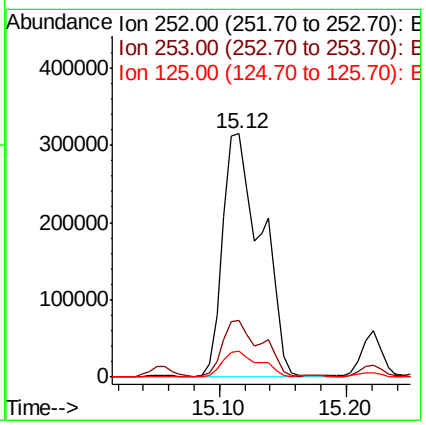


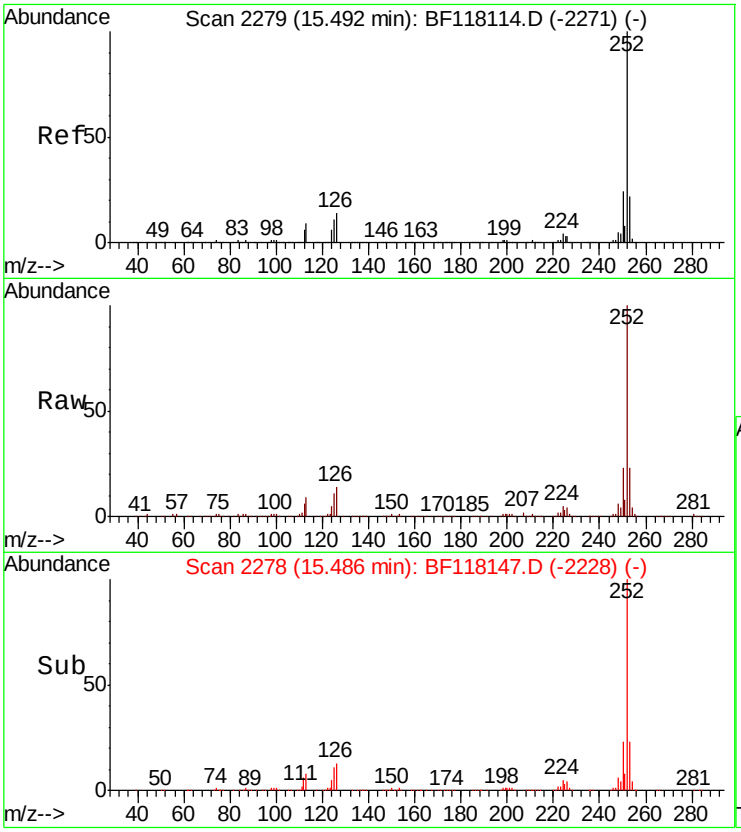


#89
Benzo(k)fluoranthene
Concen: 39.052 ng
RT: 15.12 min Scan# 2215
Delta R.T. -0.04 min
Lab File: BF118147.D
Acq: 9 Dec 2019 16:34

Tgt Ion:252 Resp: 668834

Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.6	26.4
125	10.8	6.7	10.1#



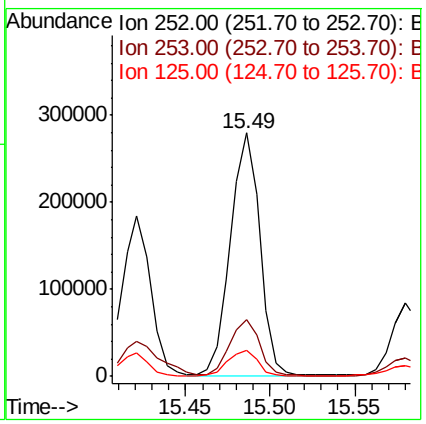


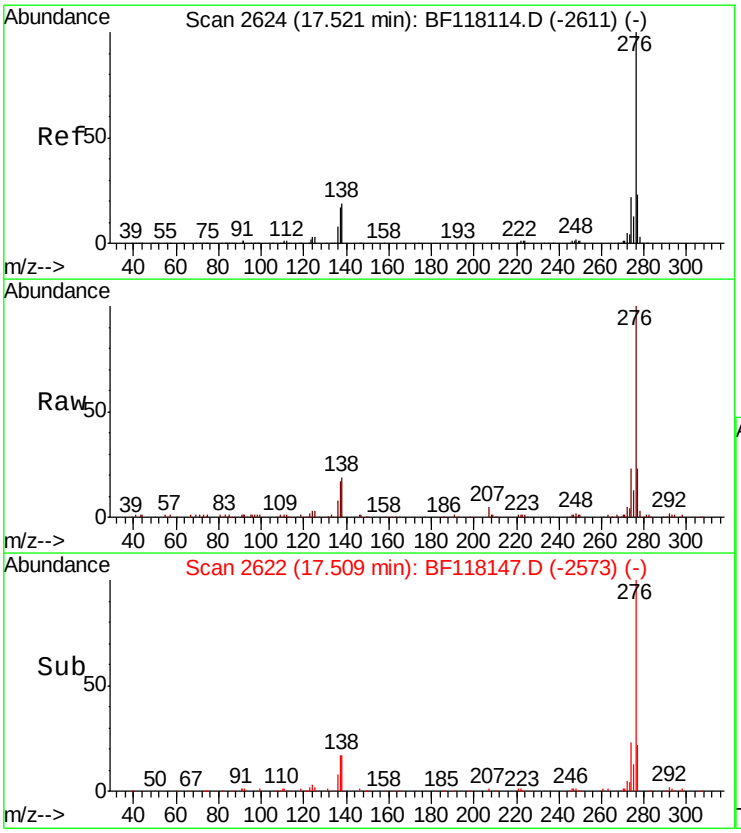
#90
Benzo(a)pyrene
Concen: 21.469 ng
RT: 15.49 min Scan# 2278
Delta R.T. -0.01 min
Lab File: BF118147.D
Acq: 9 Dec 2019 16:34

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 338030

Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.5	26.3
125	10.9	9.1	13.7





#92
Benzo(g,h,i)perylene
Concen: 17.450 ng
RT: 17.51 min Scan# 2622
Delta R.T. -0.01 min
Lab File: BF118147.D
Acq: 9 Dec 2019 16:34

Tgt Ion:276 Resp: 226453

Ion	Ratio	Lower	Upper
276	100		
277	23.3	18.2	27.4
138	18.8	15.5	23.3