Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF082319\
Data File : BF116493.D
Acq On : 23 Aug 2019 22:34
Operator : HP/JU
Sample : K4403-10
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : T1-G-(0-2.5)

Quant Time: Aug 24 03:36:03 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF082319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 23 13:38:31 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	108908	20.00	ng		0.00
21) Naphthalene-d8	8.16	136	388421	20.00	ng		0.00
39) Acenaphthene-d10	9.92	164	173534	20.00	ng		0.00
64) Phenanthrene-d10	11.39	188	246673	20.00	ng		0.00
76) Chrysene-d12	14.03	240	193022	20.00	ng		0.00
87) Perylene-d12	15.50	264	249630	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.50	112	603582	80.98	ng		0.00
7) Phenol-d6	6.50	99	812514	88.90	ng		0.00
23) Nitrobenzene-d5	7.44	82	501750	70.67	ng		0.00
42) 2,4,6-Tribromophenol	10.70	330	127586	85.62	ng		0.00
45) 2-Fluorobiphenyl	9.23	172	653660	60.66	ng		0.00
79) Terphenyl-d14	12.98	244	500501	48.43	ng		0.00
Target Compounds							Qvalue
10) Phenol	6.52	94	28567	2.878	ng		98
19) n-Nitroso-di-n-propylamine	7.44	70	69113	11.082	ng	#	75
25) Isophorone	7.44	82	501737	35.861	ng	#	67
50) Dimethylphthalate	9.62	163	101288	8.366	ng		99
57) 2,4-Dinitrotoluene	9.91	165	22490	7.132	ng	#	21
65) 4,6-Dinitro-2-methylphenol	10.70	198	281	7.243	ng	#	1
67) 4-Bromophenyl-phenylether	10.70	248	8888	3.437	ng	#	1
71) Phenanthrene	11.42	178	110230	8.203	ng		98
75) Fluoranthene	12.60	202	165457	11.910	ng		99
78) Pyrene	12.83	202	151863	9.838	ng		99
81) Benzo(a)anthracene	14.02	228	88521	7.081	ng		96
83) Chrysene	14.02	228	88521	6.986	ng		97
86) Indeno(1,2,3-cd)pyrene	16.96	276	54672	5.037	ng		95
88) Benzo(b)fluoranthene	15.07	252	146977	9.531	ng	#	94
89) Benzo(k)fluoranthene	15.07	252	146977	10.520	ng	#	93
90) Benzo(a)pyrene	15.43	252	81429	5.975	ng	#	93
92) Benzo(g,h,i)perylene	17.39	276	51709	4.843	ng		97

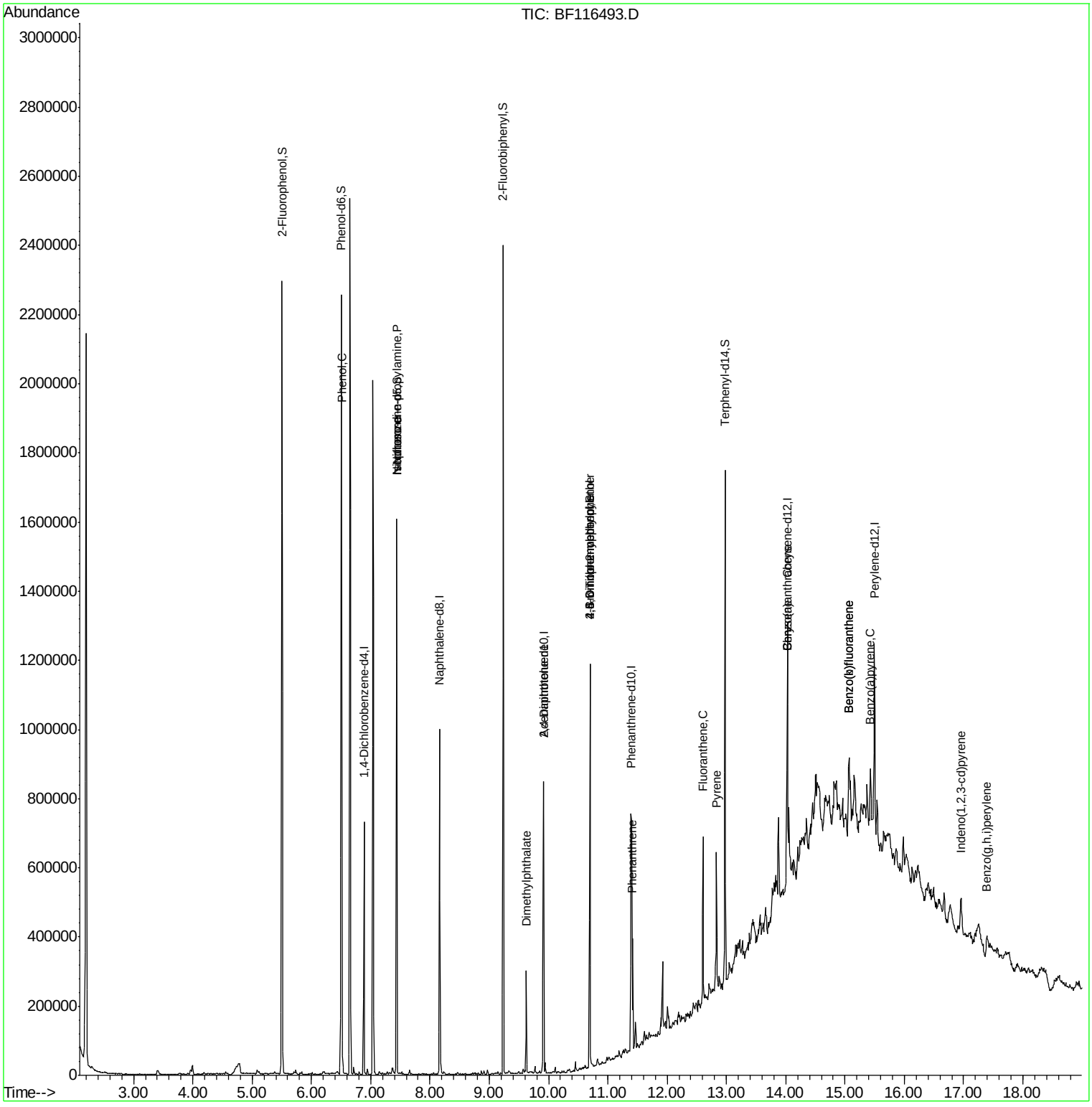
(#) = qualifier out of range (m) = manual integration (+) = signals summed

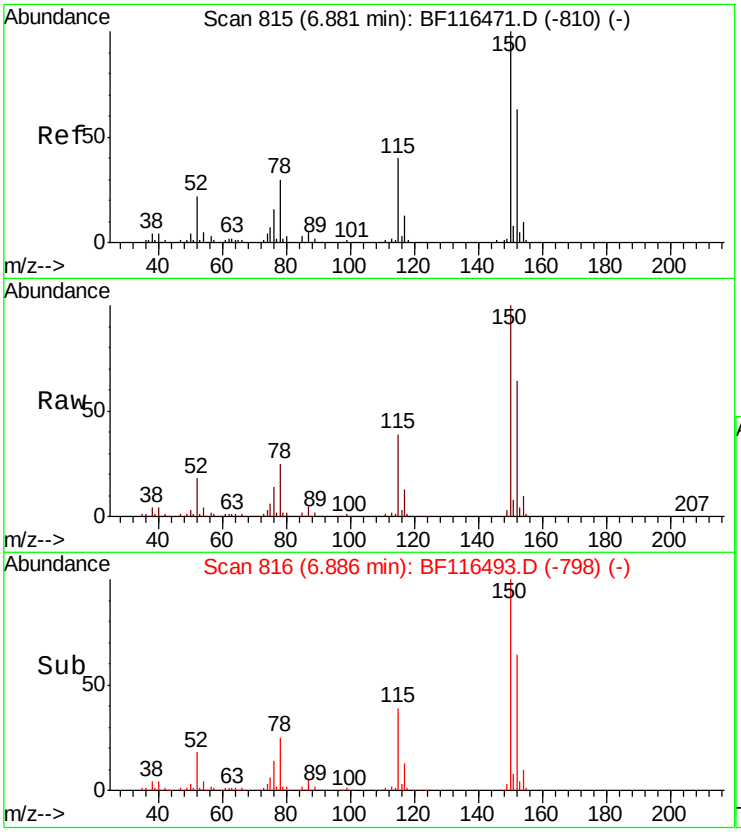
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF082319\
Data File : BF116493.D
Acq On : 23 Aug 2019 22:34
Operator : HP/JU
Sample : K4403-10
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
T1-G-(0-2.5)

Quant Time: Aug 24 03:36:03 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF082319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 23 13:38:31 2019
Response via : Initial Calibration



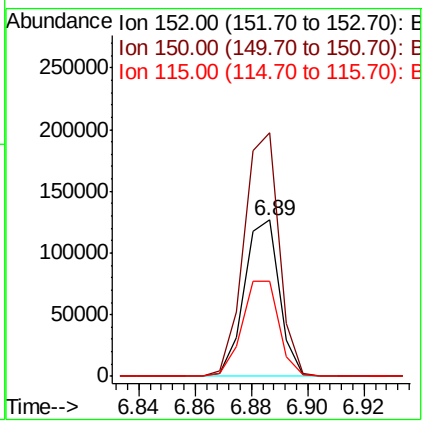


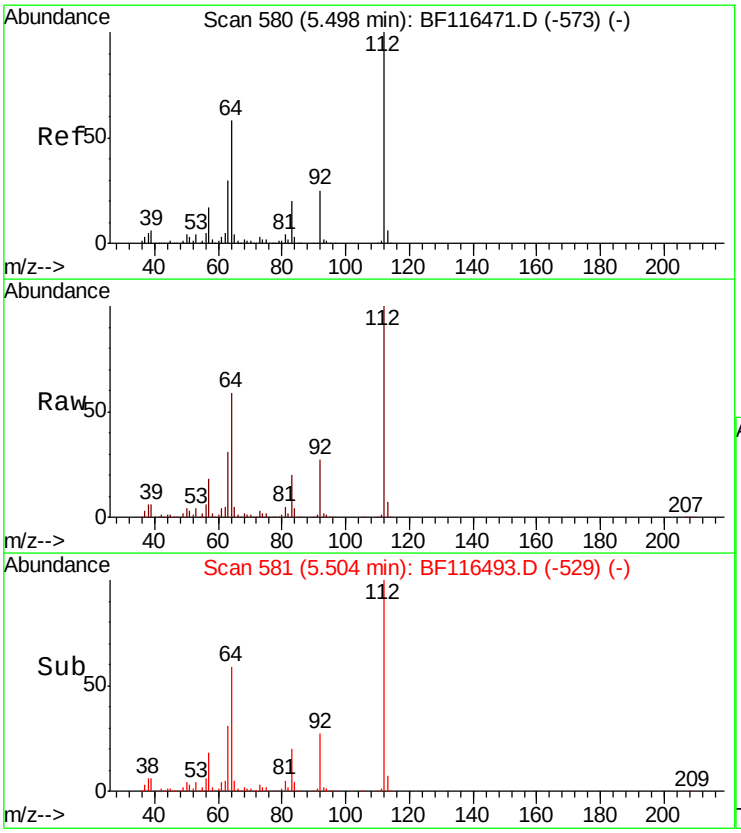
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 816
Delta R.T. 0.01 min
Lab File: BF116493.D
Acq: 23 Aug 2019 22:34

Instrument :
BNA_F
ClientSampleId :
T1-G-(0-2.5)

Tgt Ion:152 Resp: 108908

Ion	Ratio	Lower	Upper
152	100		
150	155.9	126.7	190.1
115	61.2	50.9	76.3

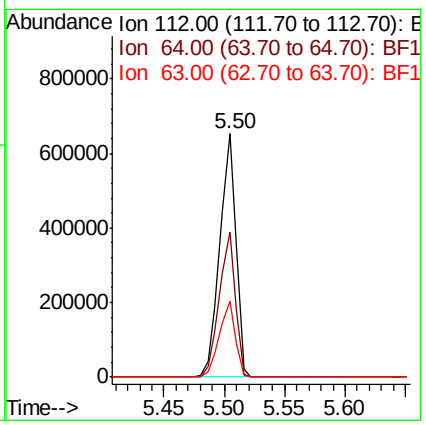


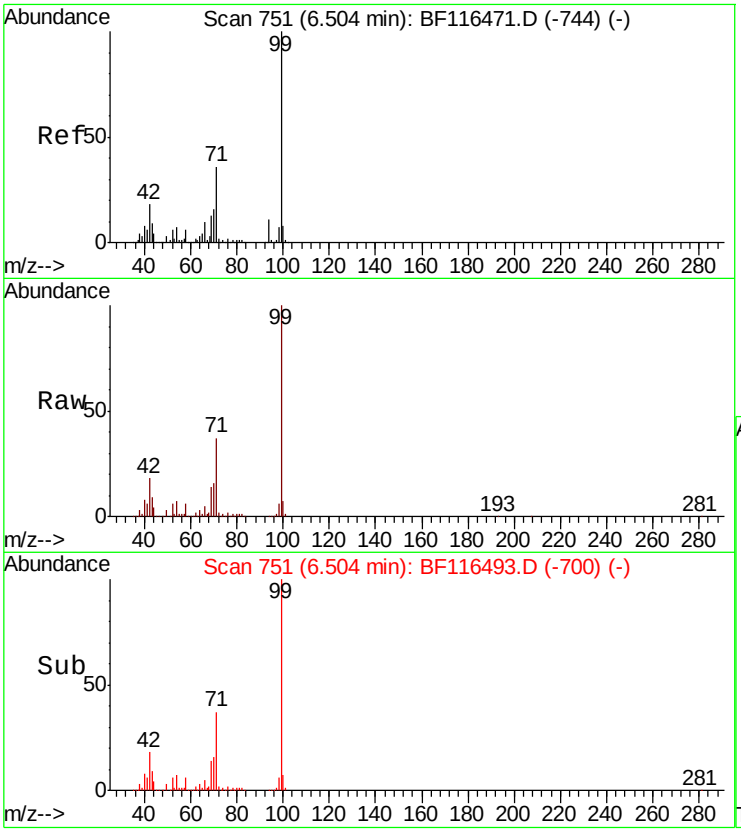


#5
2-Fluorophenol
Concen: 80.979 ng
RT: 5.50 min Scan# 581
Delta R.T. 0.01 min
Lab File: BF116493.D
Acq: 23 Aug 2019 22:34

Tgt Ion:112 Resp: 603582

Ion	Ratio	Lower	Upper
112	100		
64	59.5	46.3	69.5
63	31.3	24.2	36.4



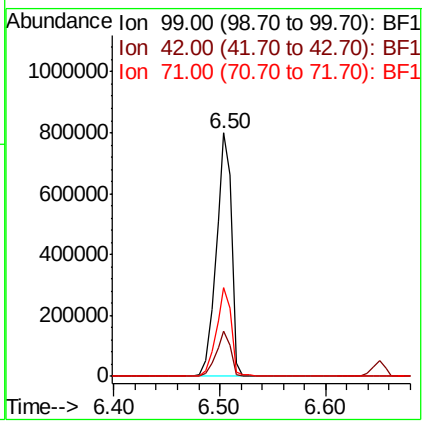


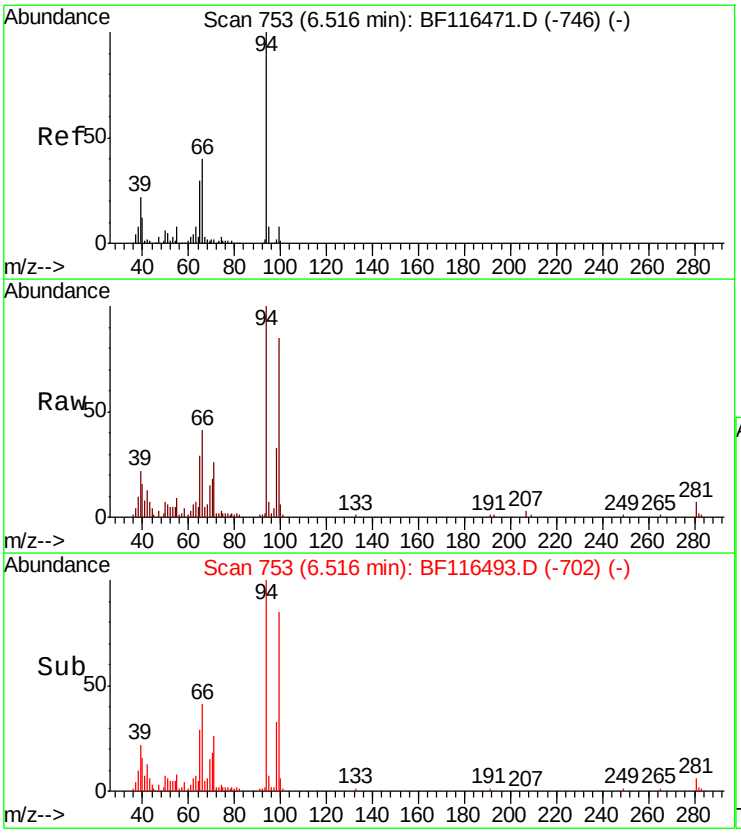
#7
Phenol-d6
Concen: 88.904 ng
RT: 6.50 min Scan# 751
Delta R.T. -0.00 min
Lab File: BF116493.D
Acq: 23 Aug 2019 22:34

Instrument :
BNA_F
ClientSampleId :
T1-G-(0-2.5)

Tgt Ion: 99 Resp: 812514

Ion	Ratio	Lower	Upper
99	100		
42	18.4	14.6	21.8
71	36.5	28.5	42.7

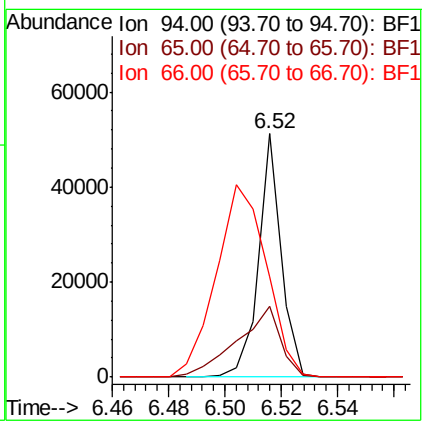


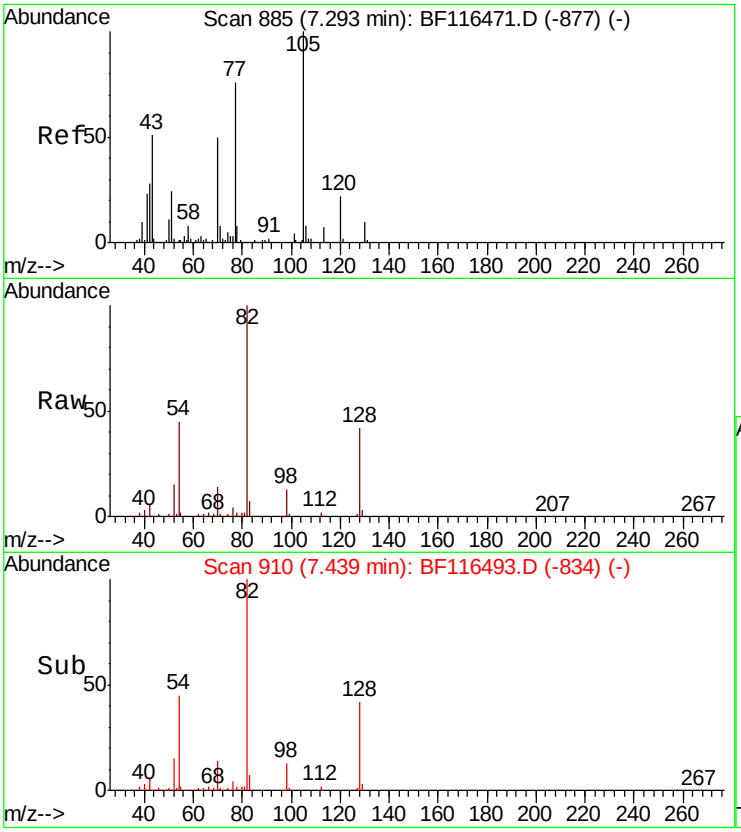


#10
Phenol
Concen: 2.878 ng
RT: 6.52 min Scan# 753
Delta R.T. -0.00 min
Lab File: BF116493.D
Acq: 23 Aug 2019 22:34

Tgt Ion: 94 Resp: 28567

Ion	Ratio	Lower	Upper
94	100		
65	28.9	10.0	50.0
66	41.1	19.8	59.8



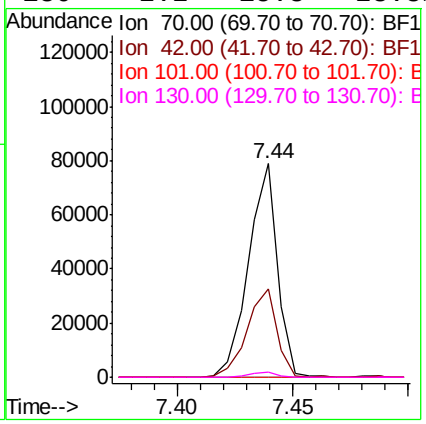


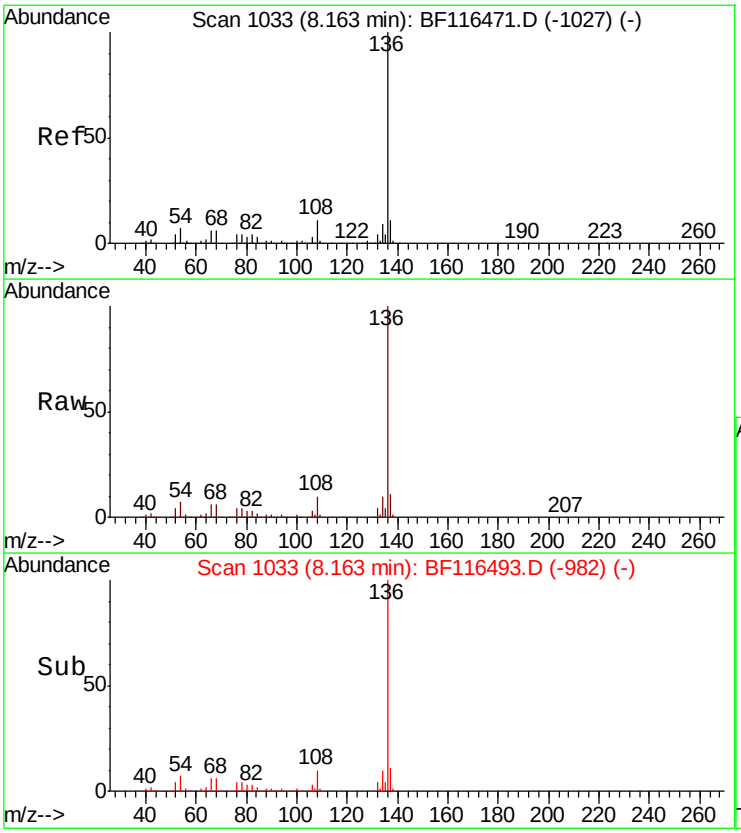
#19
n-Nitroso-di-n-propylamine
Concen: 11.082 ng
RT: 7.44 min Scan# 910
Delta R.T. 0.15 min
Lab File: BF116493.D
Acq: 23 Aug 2019 22:34

Instrument :
BNA_F
ClientSampleId :
T1-G-(0-2.5)

Tgt Ion: 70 Resp: 69113

Ion	Ratio	Lower	Upper
70	100		
42	41.3	44.4	66.6#
101	0.0	7.1	10.7#
130	2.2	15.8	23.8#

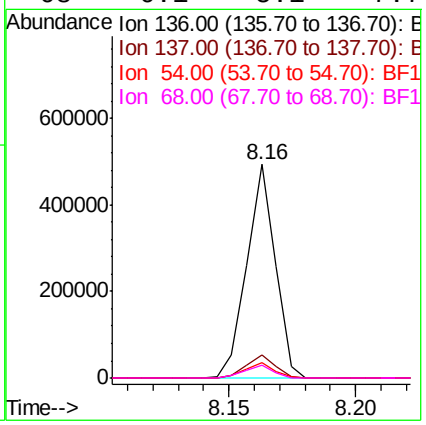


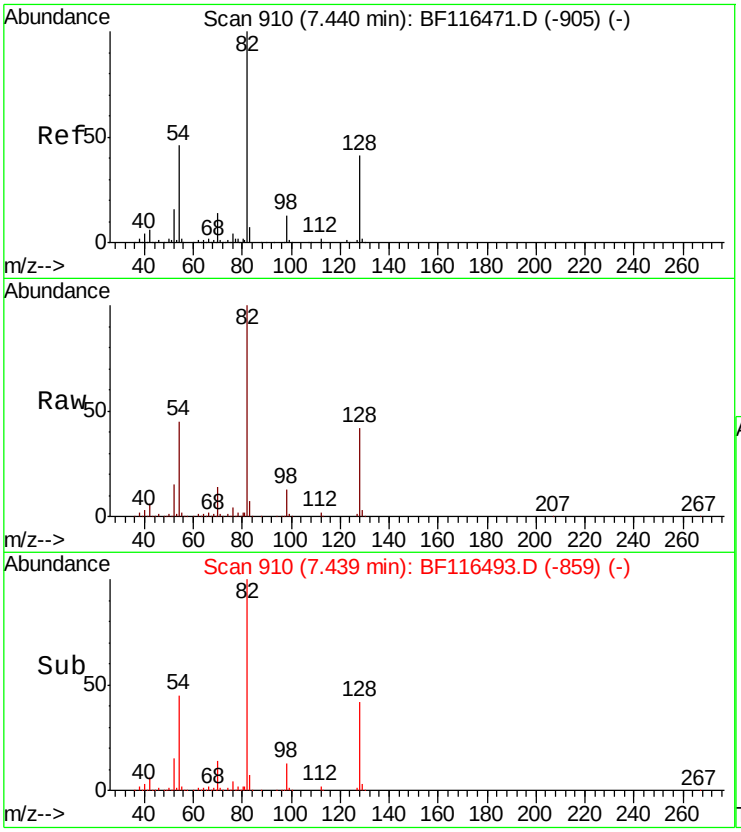


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.00 min
Lab File: BF116493.D
Acq: 23 Aug 2019 22:34

Tgt Ion:136 Resp: 388421

Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.0	13.4
54	7.0	5.8	8.6
68	6.1	5.1	7.7



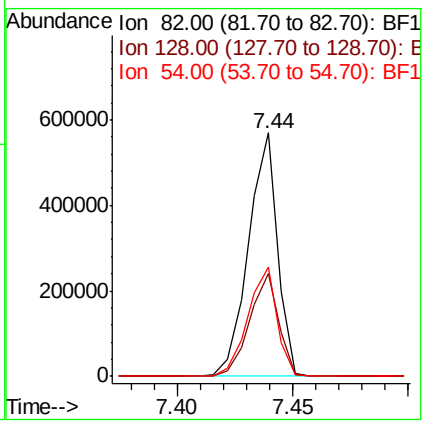


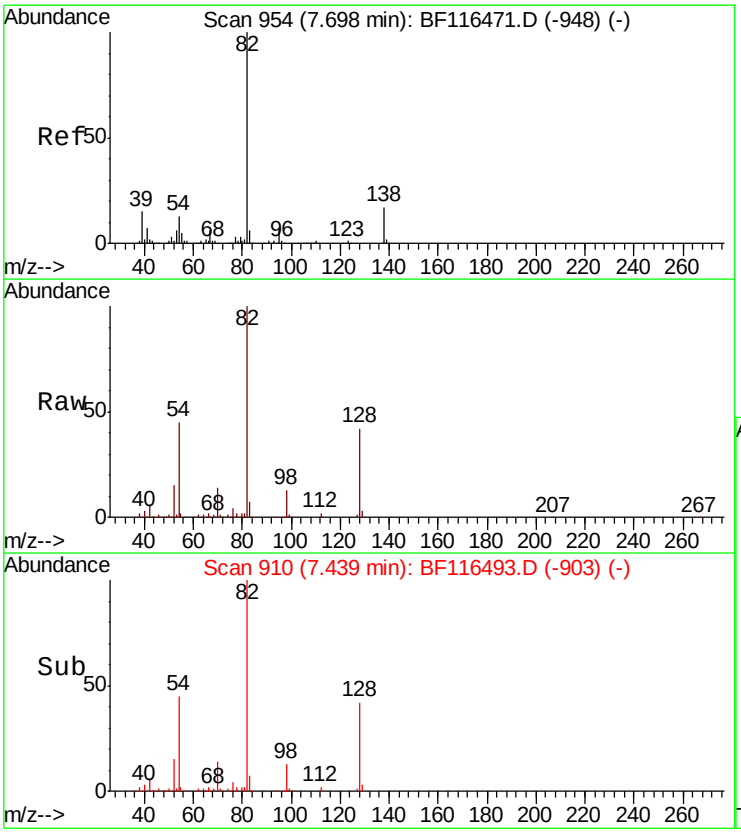
#23
Nitrobenzene-d5
Concen: 70.673 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.00 min
Lab File: BF116493.D
Acq: 23 Aug 2019 22:34

Instrument :
BNA_F
ClientSampleId :
T1-G-(0-2.5)

Tgt Ion: 82 Resp: 501750

Ion	Ratio	Lower	Upper
82	100		
128	42.3	32.2	48.4
54	44.6	36.5	54.7

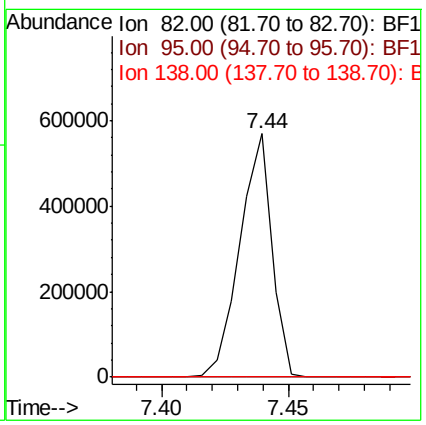


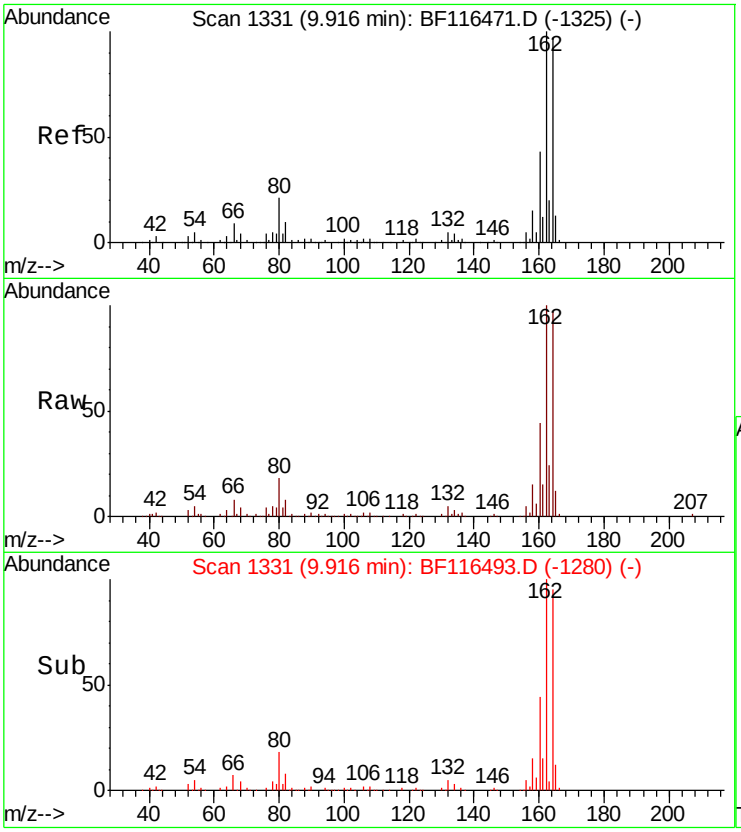


#25
Isophorone
Concen: 35.861 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.26 min
Lab File: BF116493.D
Acq: 23 Aug 2019 22:34

Tgt Ion: 82 Resp: 501737

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.3	7.9#
138	0.0	13.3	19.9#



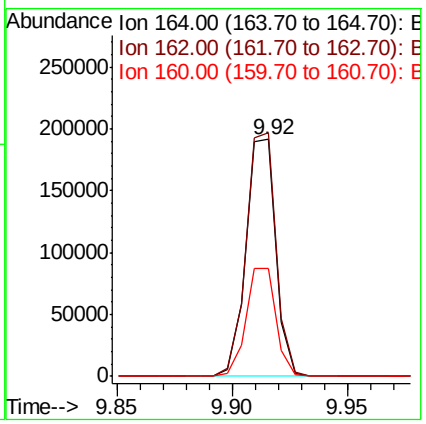


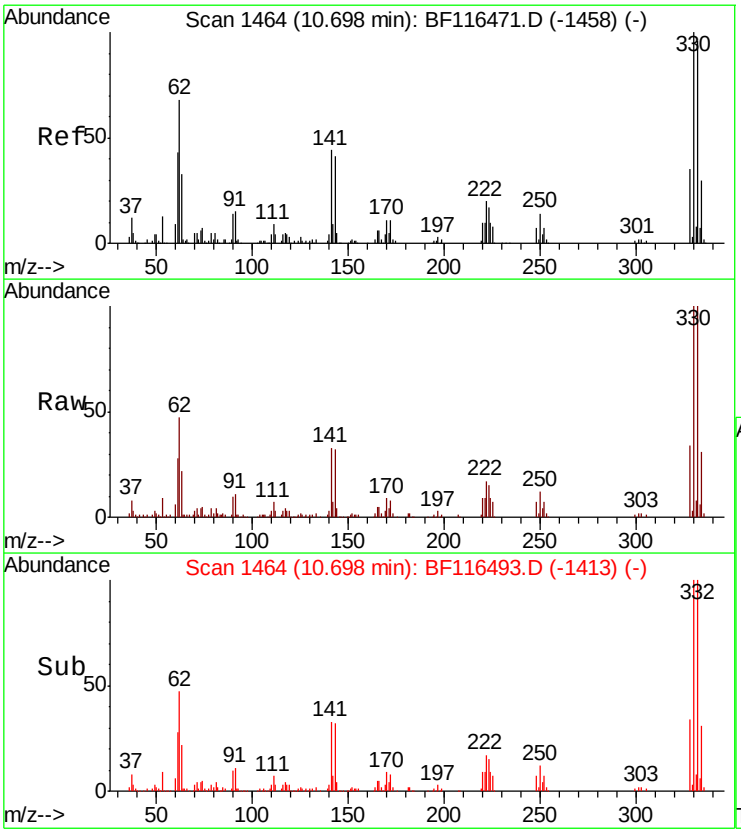
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.00 min
Lab File: BF116493.D
Acq: 23 Aug 2019 22:34

Instrument :
BNA_F
ClientSampleId :
T1-G-(0-2.5)

Tgt Ion:164 Resp: 173534

Ion	Ratio	Lower	Upper
164	100		
162	102.8	82.6	123.8
160	45.4	35.8	53.8

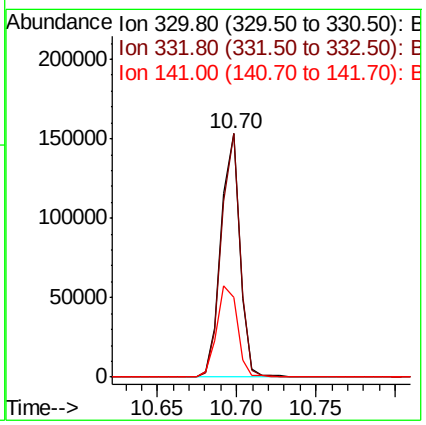


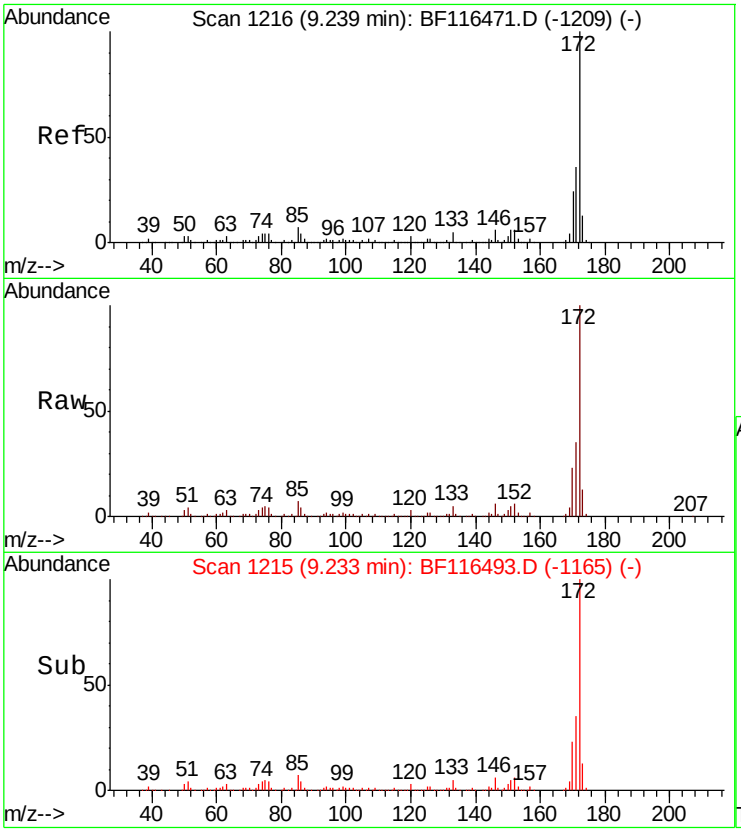


#42
2,4,6-Tribromophenol
Concen: 85.623 ng
RT: 10.70 min Scan# 1464
Delta R.T. -0.00 min
Lab File: BF116493.D
Acq: 23 Aug 2019 22:34

Tgt Ion:330 Resp: 127586

Ion	Ratio	Lower	Upper
330	100		
332	98.6	77.2	115.8
141	41.3	33.3	49.9



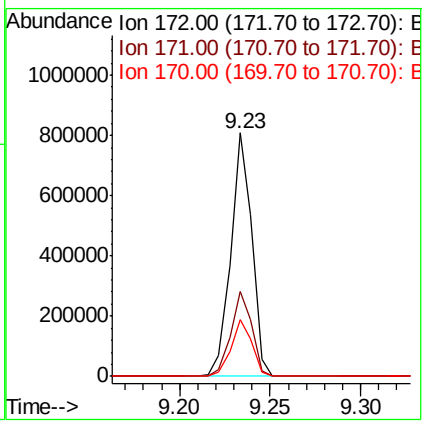


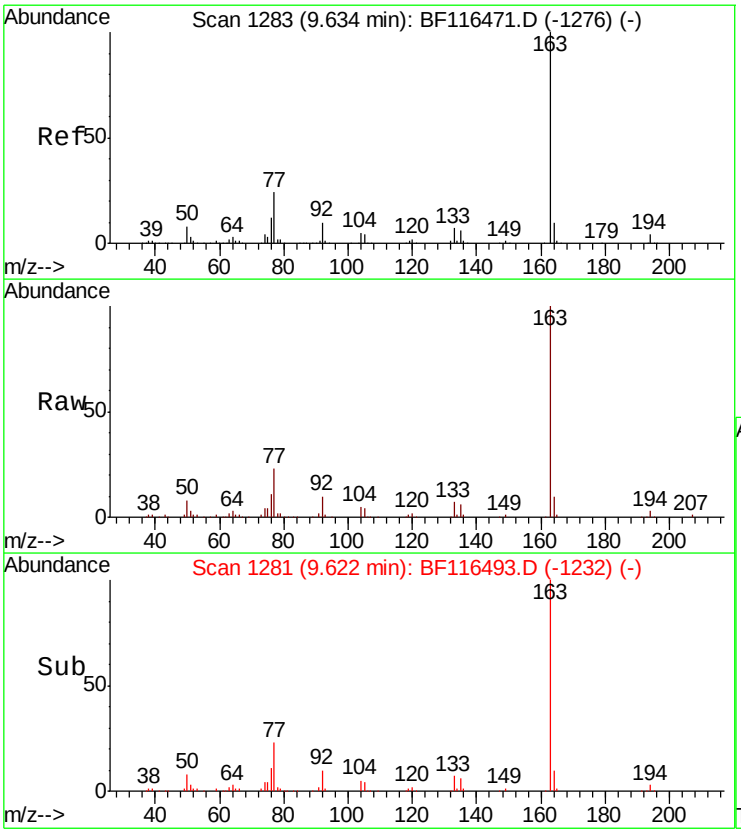
#45
2-Fluorobiphenyl
Concen: 60.660 ng
RT: 9.23 min Scan# 1215
Delta R.T. -0.01 min
Lab File: BF116493.D
Acq: 23 Aug 2019 22:34

Instrument :
BNA_F
ClientSampleId :
T1-G-(0-2.5)

Tgt Ion:172 Resp: 653660

Ion	Ratio	Lower	Upper
172	100		
171	34.8	28.9	43.3
170	23.4	19.4	29.0

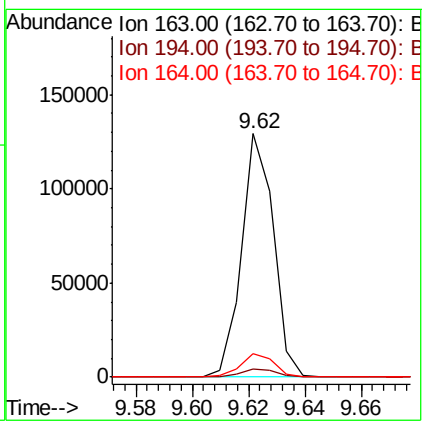


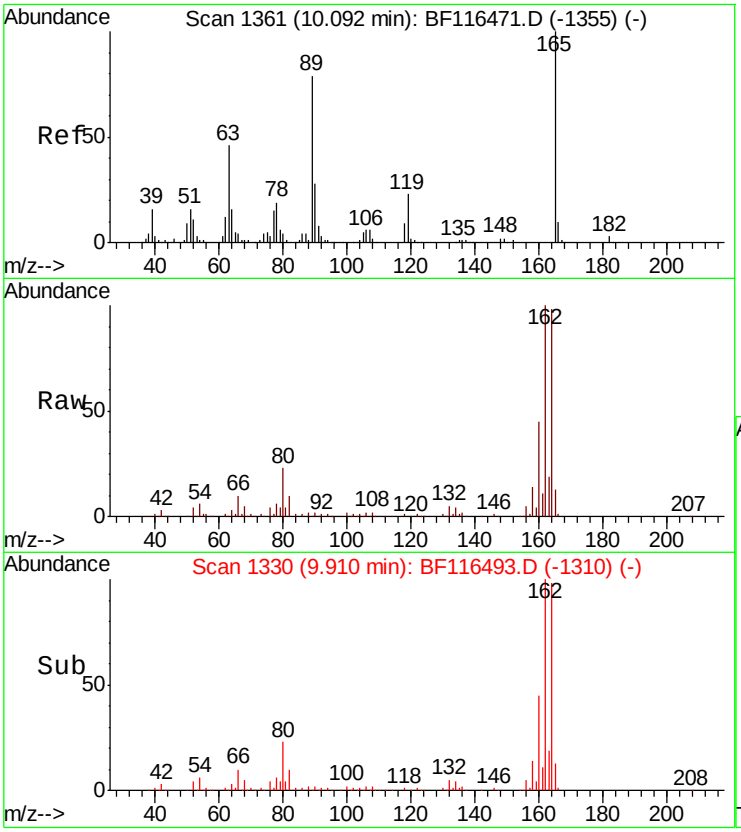


#50
Dimethylphthalate
Concen: 8.366 ng
RT: 9.62 min Scan# 1281
Delta R.T. -0.01 min
Lab File: BF116493.D
Acq: 23 Aug 2019 22:34

Tgt Ion:163 Resp: 101288

Ion	Ratio	Lower	Upper
163	100		
194	3.5	2.9	4.3
164	9.5	8.2	12.2



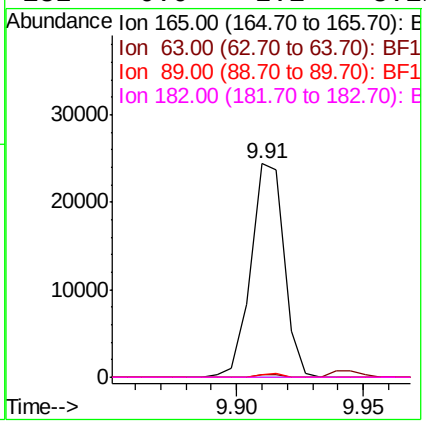


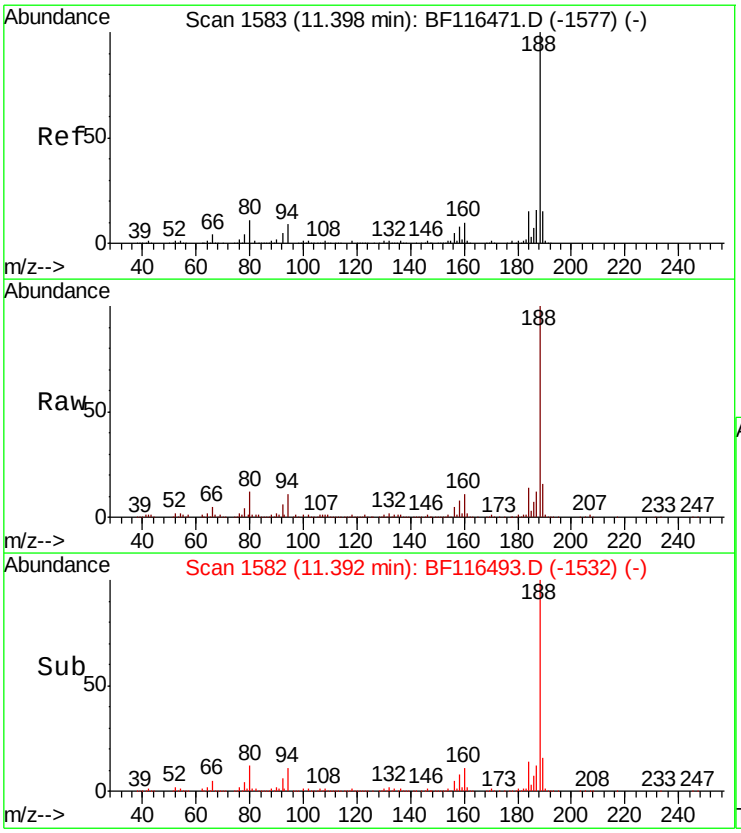
#57
2,4-Dinitrotoluene
Concen: 7.132 ng
RT: 9.91 min Scan# 1330
Delta R.T. -0.18 min
Lab File: BF116493.D
Acq: 23 Aug 2019 22:34

Instrument :
BNA_F
ClientSampleId :
T1-G-(0-2.5)

Tgt Ion:165 Resp: 22490

Ion	Ratio	Lower	Upper
165	100		
63	1.3	36.9	55.3#
89	1.4	63.4	95.0#
182	0.0	2.1	3.1#

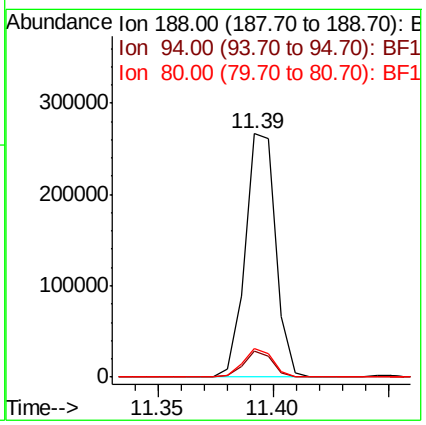


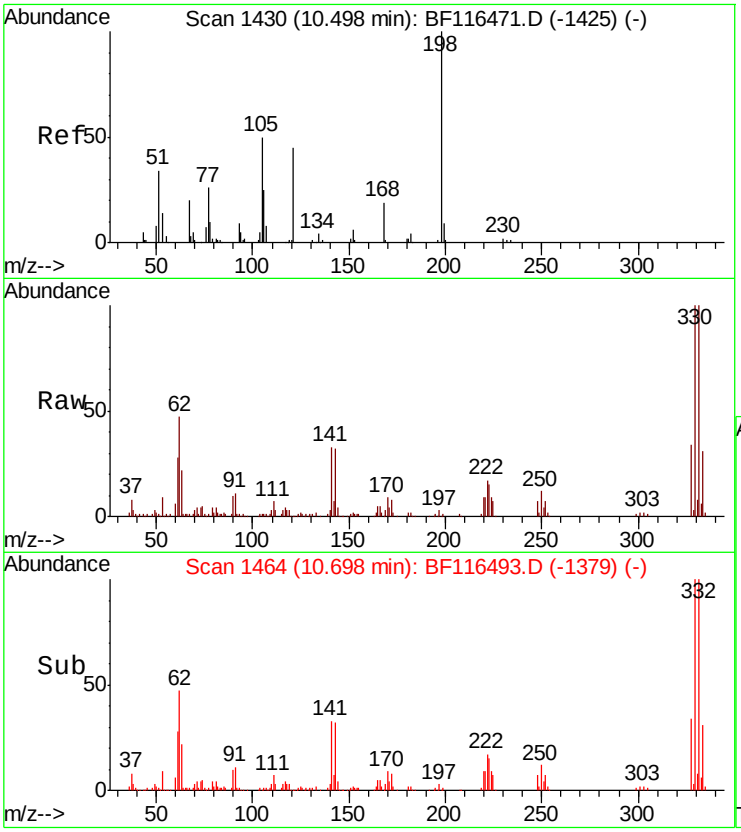


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.39 min Scan# 1582
Delta R.T. -0.01 min
Lab File: BF116493.D
Acq: 23 Aug 2019 22:34

Tgt Ion:188 Resp: 246673

Ion	Ratio	Lower	Upper
188	100		
94	10.9	7.4	11.2
80	12.0	8.6	12.8



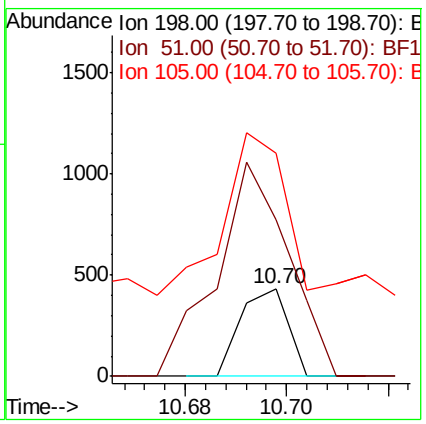


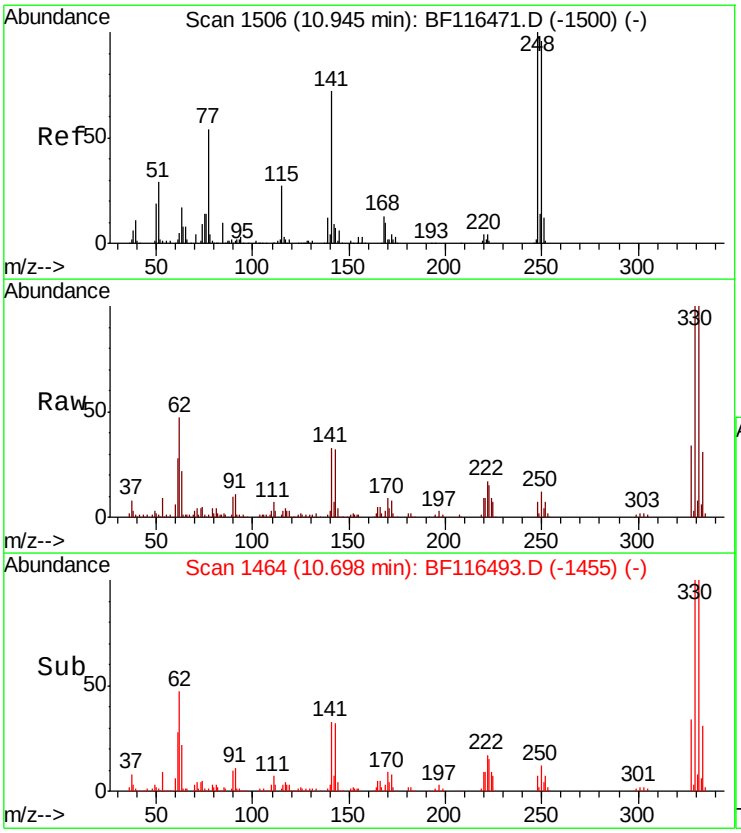
#65
4,6-Dinitro-2-methylphenol
Concen: 7.243 ng
RT: 10.70 min Scan# 1464
Delta R.T. 0.20 min
Lab File: BF116493.D
Acq: 23 Aug 2019 22:34

Instrument :
BNA_F
ClientSampleId :
T1-G-(0-2.5)

Tgt Ion:198 Resp: 281

Ion	Ratio	Lower	Upper
198	100		
51	177.5	30.4	70.4#
105	253.3	32.8	72.8#

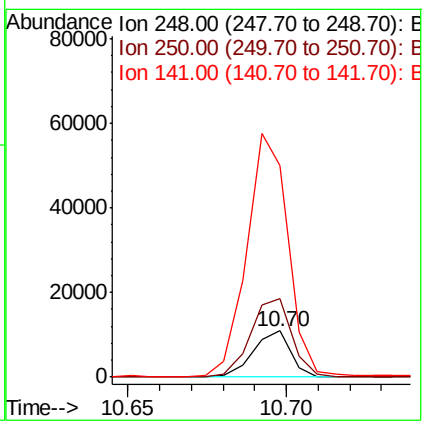


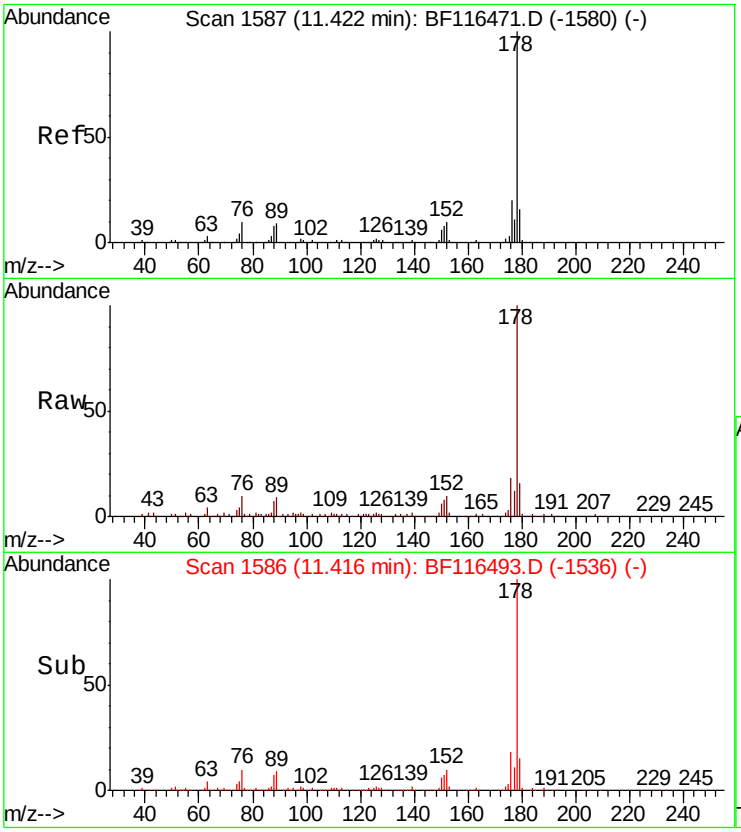


#67
4-Bromophenyl-phenylether
Concen: 3.437 ng
RT: 10.70 min Scan# 1464
Delta R.T. -0.25 min
Lab File: BF116493.D
Acq: 23 Aug 2019 22:34

Tgt Ion:248 Resp: 8888

Ion	Ratio	Lower	Upper
248	100		
250	170.5	77.0	115.6#
141	460.8	57.4	86.0#



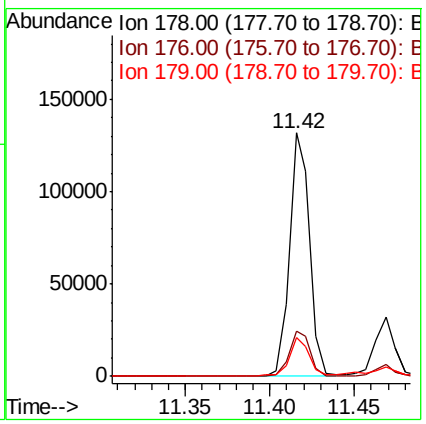


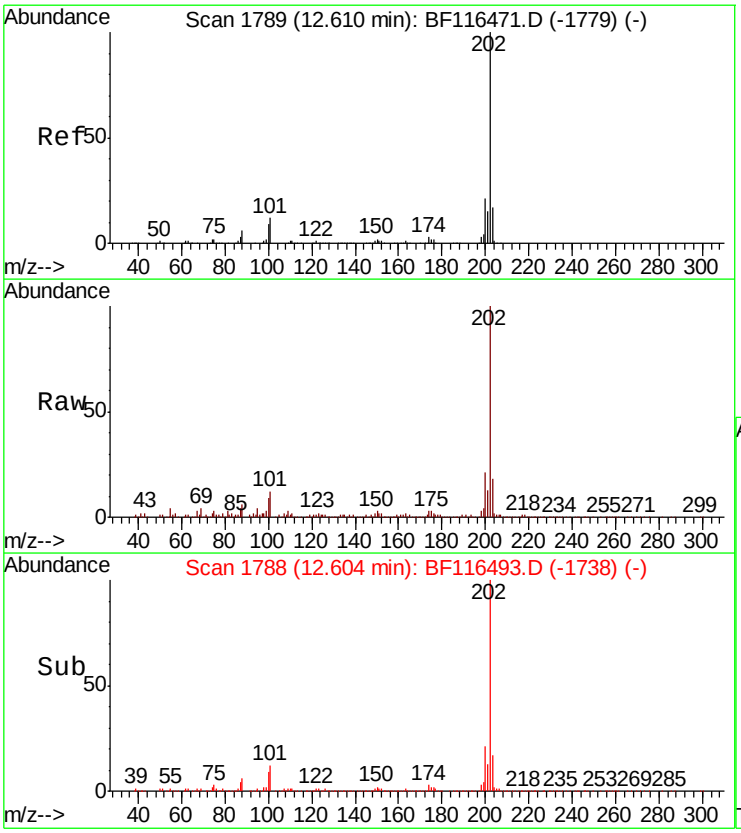
#71
Phenanthrene
Concen: 8.203 ng
RT: 11.42 min Scan# 1586
Delta R.T. -0.01 min
Lab File: BF116493.D
Acq: 23 Aug 2019 22:34

Instrument :
BNA_F
ClientSampleId :
T1-G-(0-2.5)

Tgt Ion:178 Resp: 110230

Ion	Ratio	Lower	Upper
178	100		
176	18.4	15.8	23.6
179	15.8	12.8	19.2

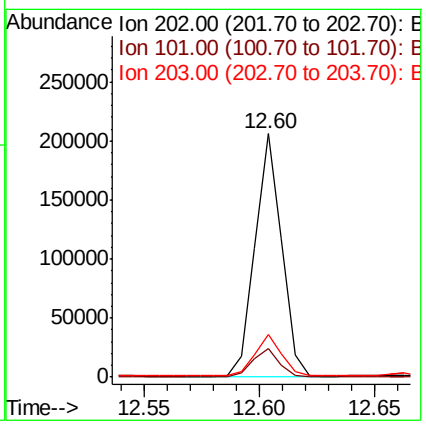


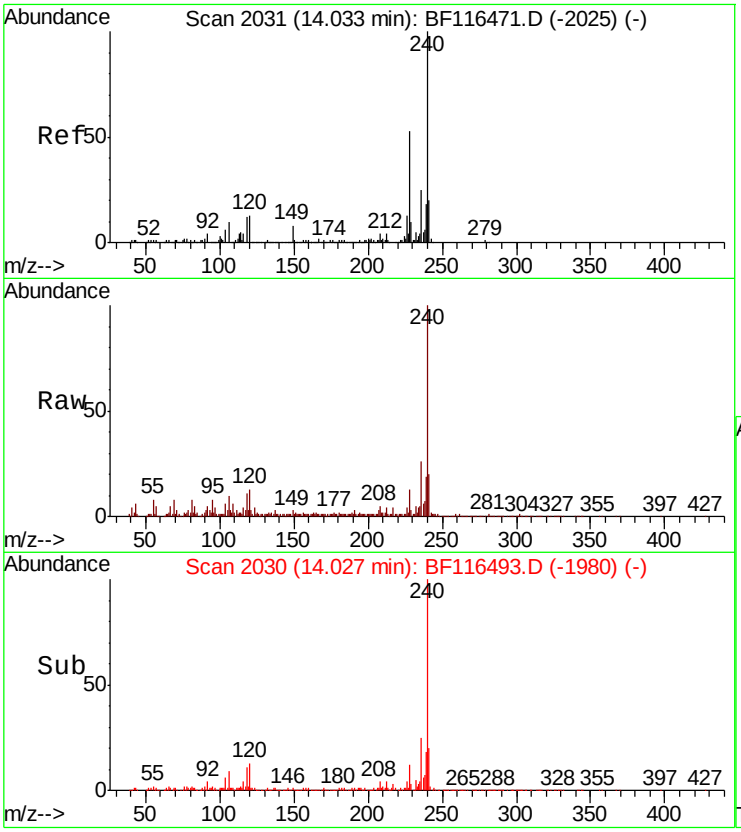


#75
Fluoranthene
Concen: 11.910 ng
RT: 12.60 min Scan# 1788
Delta R.T. -0.01 min
Lab File: BF116493.D
Acq: 23 Aug 2019 22:34

Tgt Ion:202 Resp: 165457

Ion	Ratio	Lower	Upper
202	100		
101	11.7	0.0	31.5
203	17.8	0.0	37.5



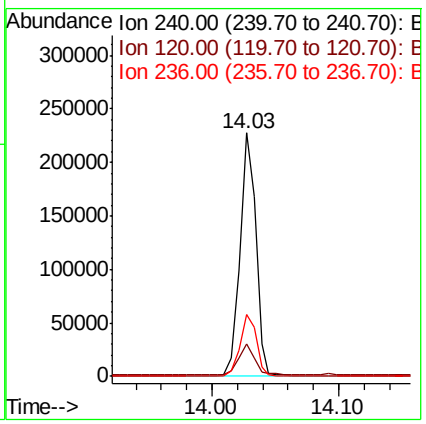


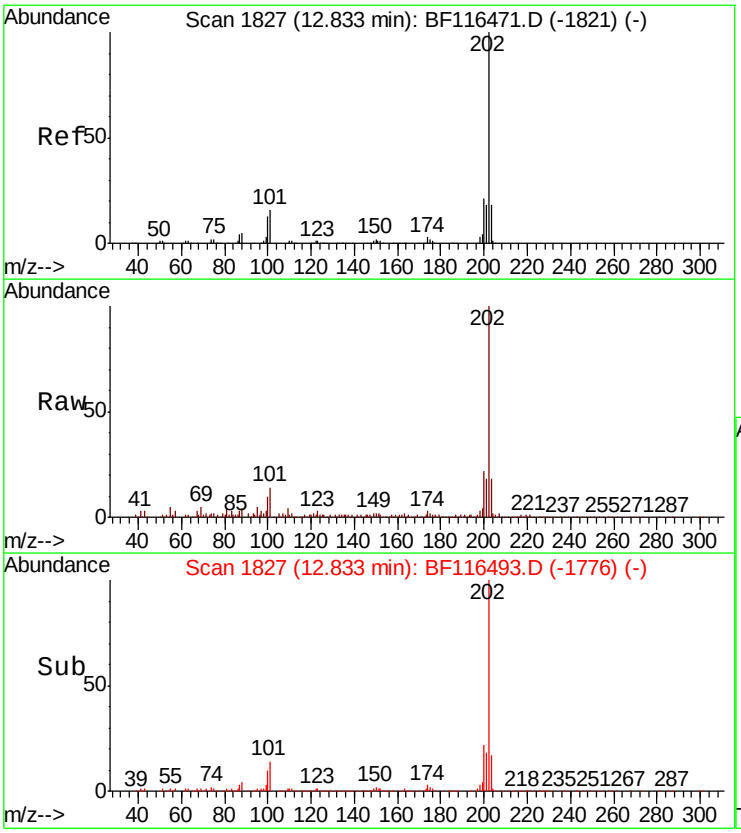
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.03 min Scan# 2030
Delta R.T. -0.01 min
Lab File: BF116493.D
Acq: 23 Aug 2019 22:34

Instrument :
BNA_F
ClientSampleId :
T1-G-(0-2.5)

Tgt Ion:240 Resp: 193022

Ion	Ratio	Lower	Upper
240	100		
120	13.4	10.5	15.7
236	25.6	20.2	30.2

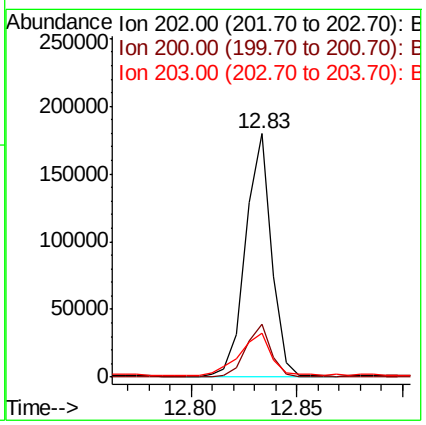


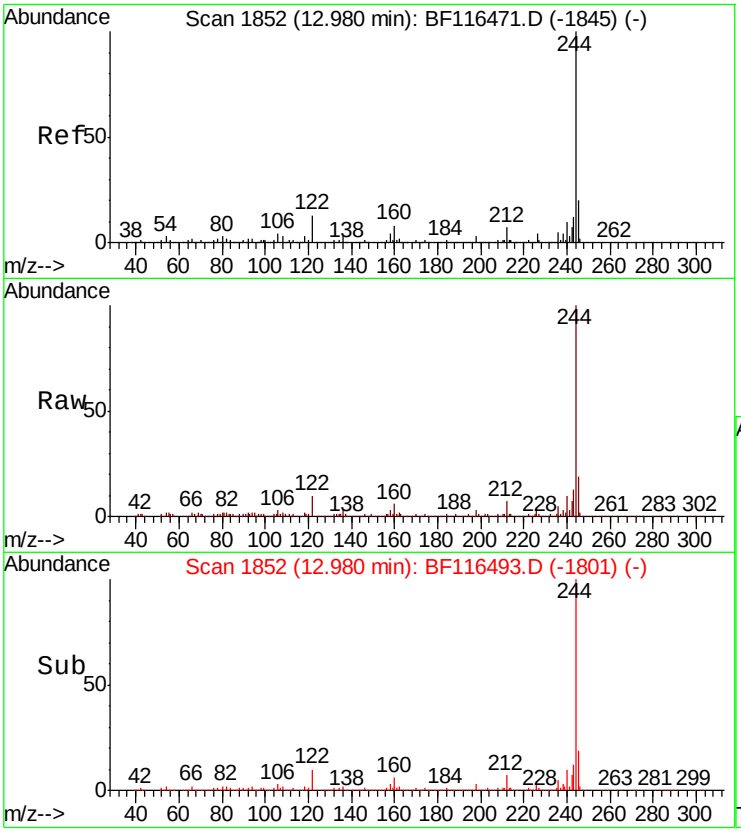


#78
Pyrene
Concen: 9.838 ng
RT: 12.83 min Scan# 1827
Delta R.T. -0.00 min
Lab File: BF116493.D
Acq: 23 Aug 2019 22:34

Tgt Ion:202 Resp: 151863

Ion	Ratio	Lower	Upper
202	100		
200	21.7	17.0	25.4
203	17.9	14.2	21.4



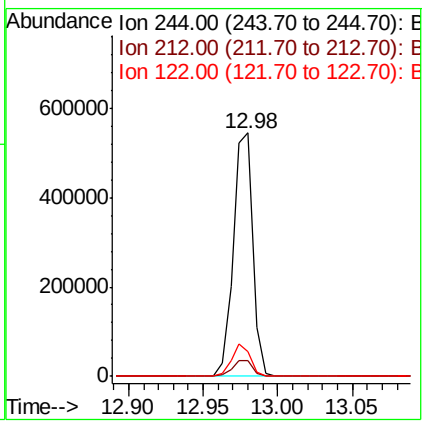


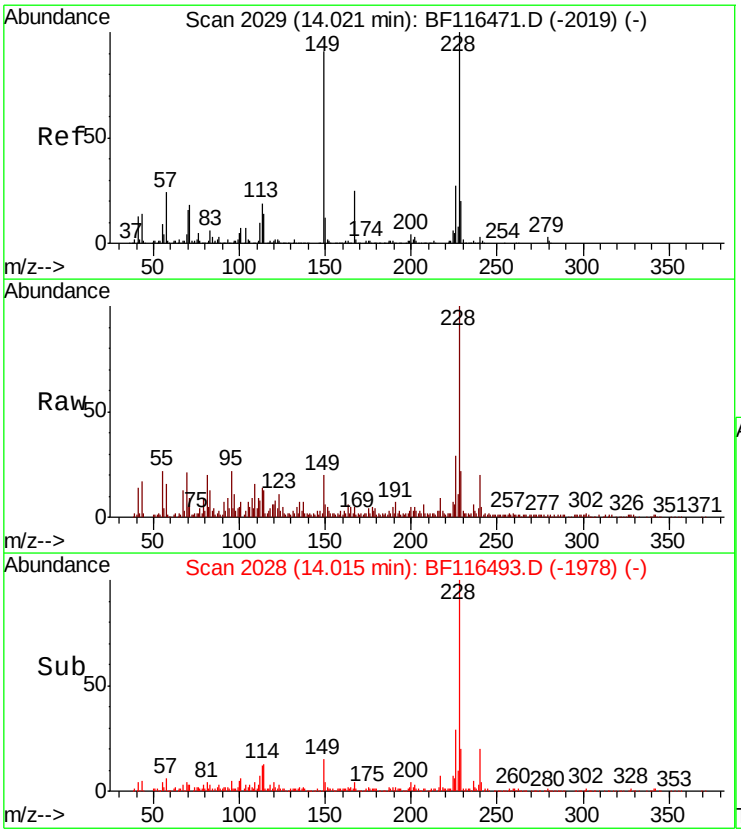
#79
Terphenyl-d14
Concen: 48.434 ng
RT: 12.98 min Scan# 1852
Delta R.T. -0.00 min
Lab File: BF116493.D
Acq: 23 Aug 2019 22:34

Instrument :
BNA_F
ClientSampleId :
T1-G-(0-2.5)

Tgt Ion:244 Resp: 500501

Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.7	8.5
122	9.9	10.2	15.4#

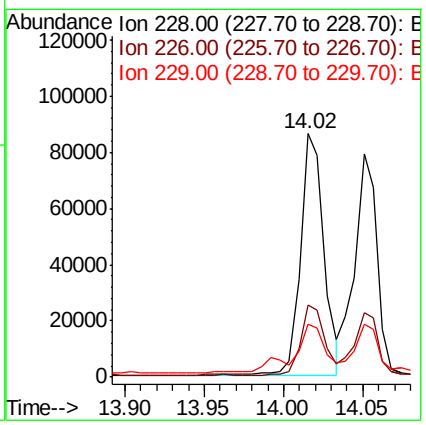


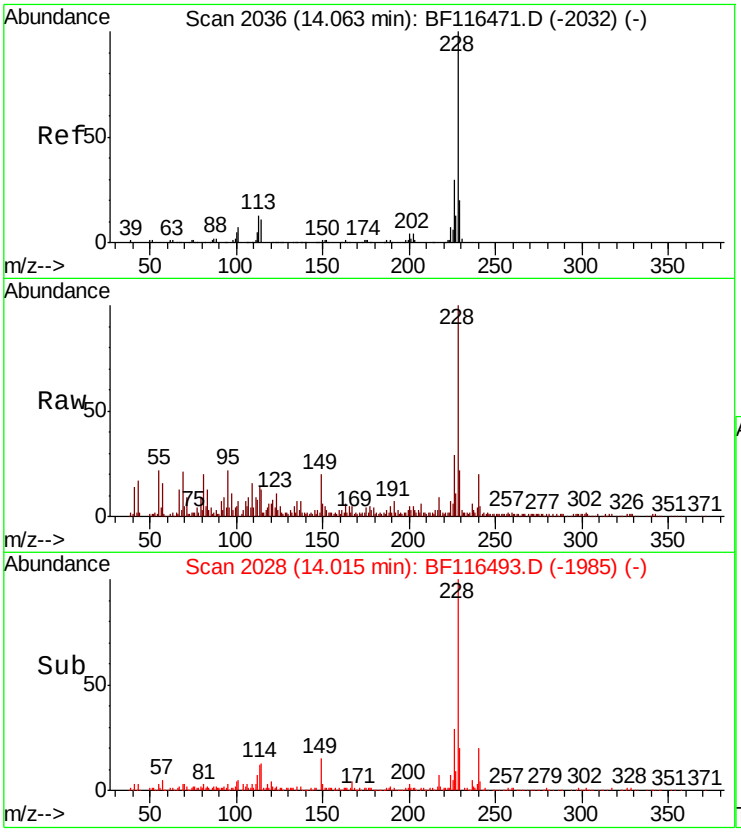


#81
Benzo(a)anthracene
Concen: 7.081 ng
RT: 14.02 min Scan# 2028
Delta R.T. -0.01 min
Lab File: BF116493.D
Acq: 23 Aug 2019 22:34

Tgt Ion:228 Resp: 88521

Ion	Ratio	Lower	Upper
228	100		
226	29.5	21.8	32.6
229	21.9	15.9	23.9



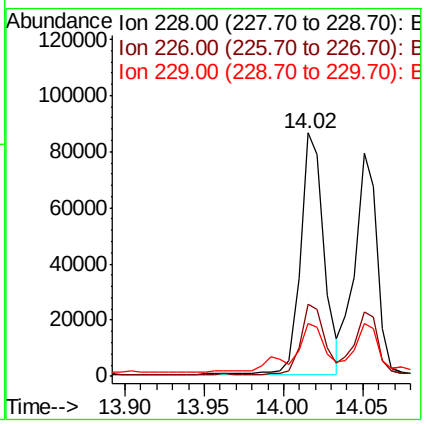


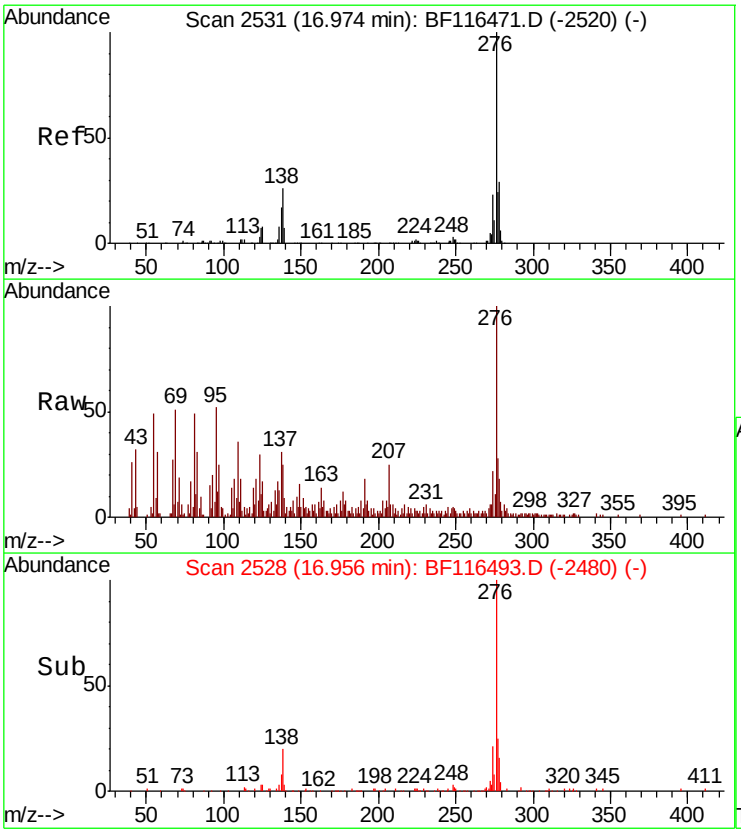
#83
Chrysene
Concen: 6.986 ng
RT: 14.02 min Scan# 2028
Delta R.T. -0.05 min
Lab File: BF116493.D
Acq: 23 Aug 2019 22:34

Instrument :
BNA_F
ClientSampleId :
T1-G-(0-2.5)

Tgt Ion:228 Resp: 88521

Ion	Ratio	Lower	Upper
228	100		
226	29.5	24.2	36.2
229	21.9	15.8	23.6

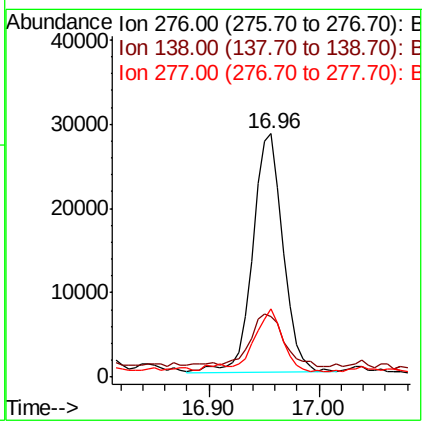


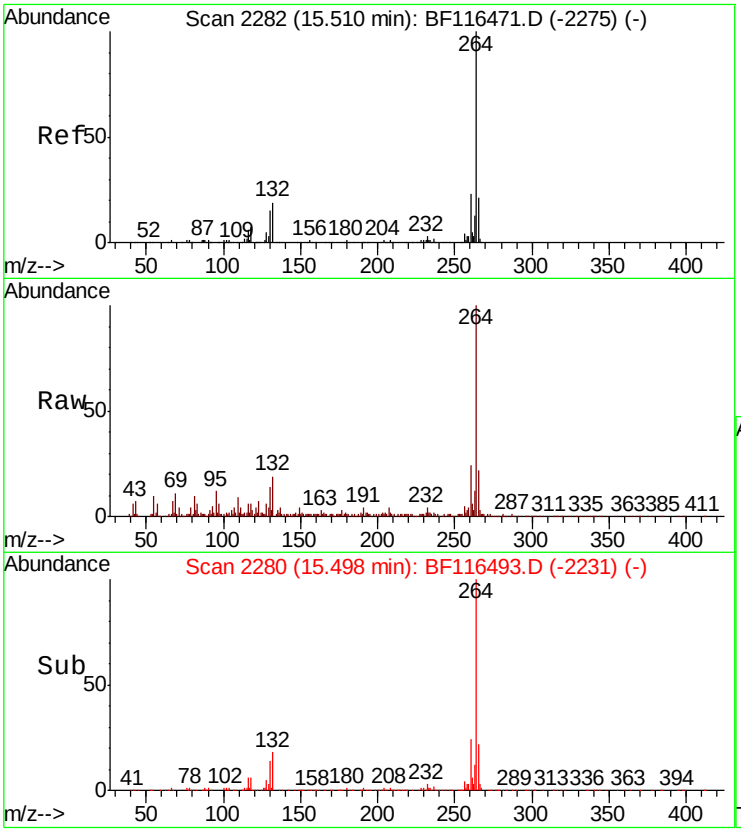


#86
Indeno(1,2,3-cd)pyrene
Concen: 5.037 ng
RT: 16.96 min Scan# 2528
Delta R.T. -0.02 min
Lab File: BF116493.D
Acq: 23 Aug 2019 22:34

Tgt Ion:276 Resp: 54672

Ion	Ratio	Lower	Upper
276	100		
138	24.5	22.9	34.3
277	24.1	19.9	29.9



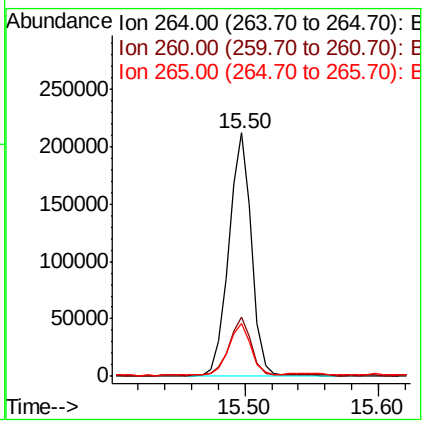


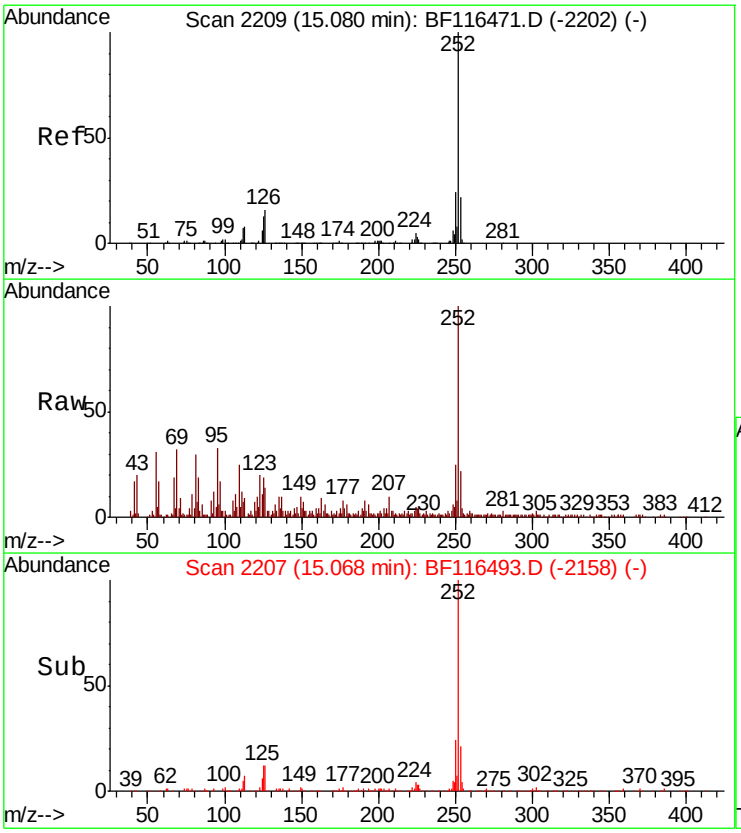
#87
Perylene-d12
Concen: 20.000 ng
RT: 15.50 min Scan# 2280
Delta R.T. -0.01 min
Lab File: BF116493.D
Acq: 23 Aug 2019 22:34

Instrument :
BNA_F
ClientSampleId :
T1-G-(0-2.5)

Tgt Ion:264 Resp: 249630

Ion	Ratio	Lower	Upper
264	100		
260	24.1	18.8	28.2
265	21.8	17.1	25.7

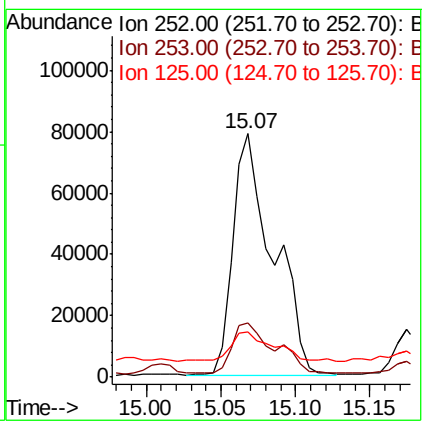


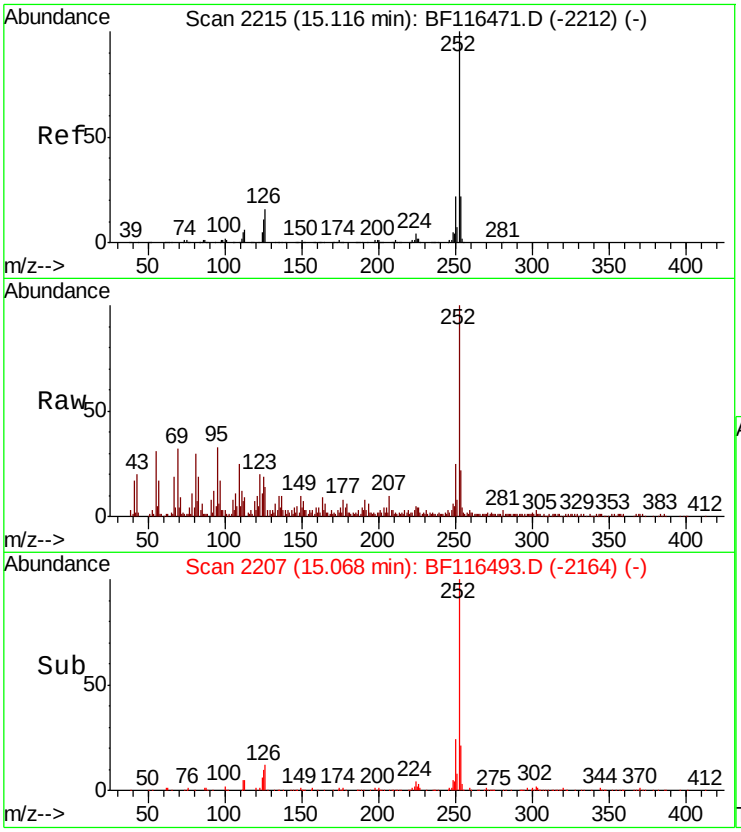


#88
Benzo(b)fluoranthene
Concen: 9.531 ng
RT: 15.07 min Scan# 2207
Delta R.T. -0.01 min
Lab File: BF116493.D
Acq: 23 Aug 2019 22:34

Tgt Ion:252 Resp: 146977

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.5	26.3
125	18.7	10.1	15.1#



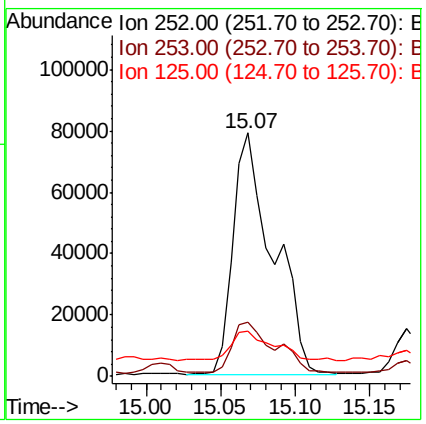


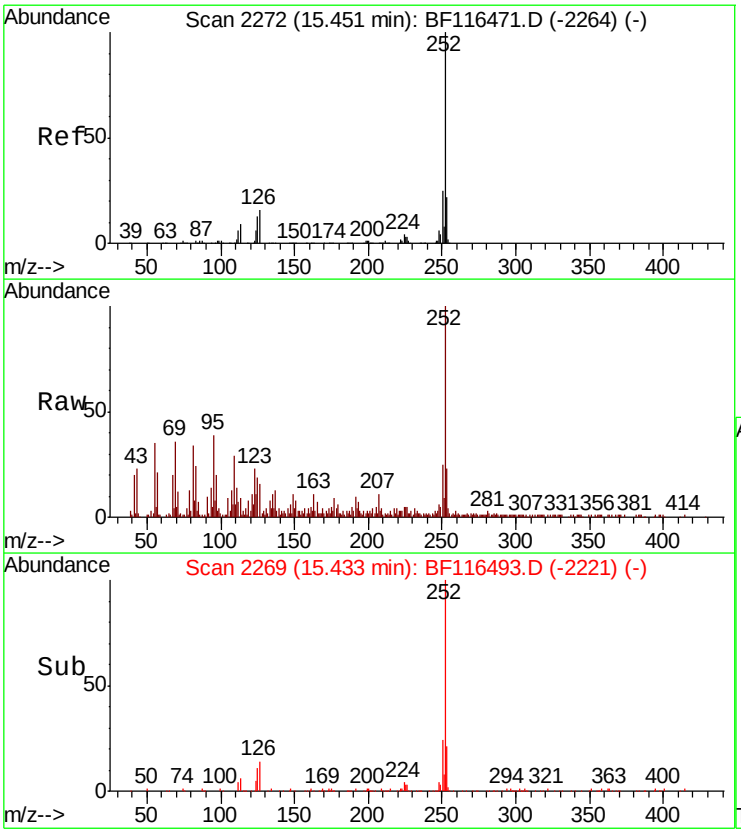
#89
Benzo(k)fluoranthene
Concen: 10.520 ng
RT: 15.07 min Scan# 2207
Delta R.T. -0.05 min
Lab File: BF116493.D
Acq: 23 Aug 2019 22:34

Instrument :
BNA_F
ClientSampleId :
T1-G-(0-2.5)

Tgt Ion:252 Resp: 146977

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.4	26.2
125	18.7	9.1	13.7#

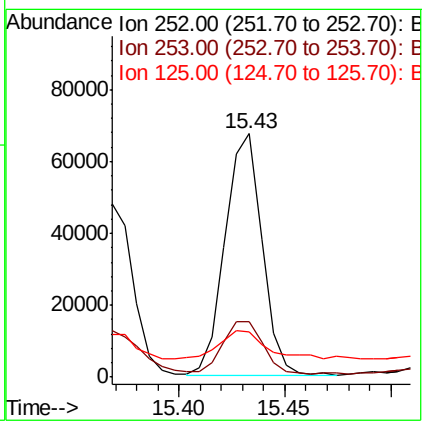


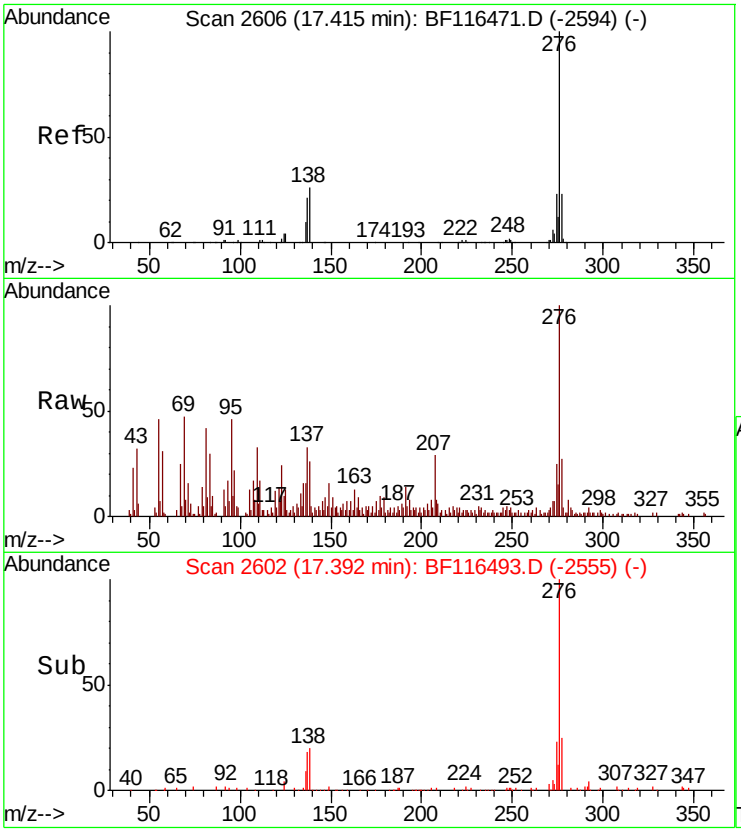


#90
Benzo(a)pyrene
Concen: 5.975 ng
RT: 15.43 min Scan# 2269
Delta R.T. -0.02 min
Lab File: BF116493.D
Acq: 23 Aug 2019 22:34

Tgt Ion:252 Resp: 81429

Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.2	25.8
125	18.7	10.2	15.4#





#92
Benzo(g,h,i)perylene
Concen: 4.843 ng
RT: 17.39 min Scan# 2602
Delta R.T. -0.02 min
Lab File: BF116493.D
Acq: 23 Aug 2019 22:34

Instrument :
BNA_F
ClientSampleId :
T1-G-(0-2.5)

Tgt Ion:276 Resp: 51709

Ion	Ratio	Lower	Upper
276	100		
277	26.8	18.7	28.1
138	25.9	20.8	31.2