Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031020\
Data File : BF119316.D
Acq On : 10 Mar 2020 14:53
Operator : CG/JU
Sample : L1778-09 2X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Mar 11 01:38:07 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 06 23:38:46 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	118887	20.00	ng		0.00
21) Naphthalene-d8	8.00	136	453184	20.00	ng		0.00
39) Acenaphthene-d10	9.76	164	225270	20.00	ng		0.00
64) Phenanthrene-d10	11.24	188	339792	20.00	ng		0.00
76) Chrysene-d12	13.89	240	266725	20.00	ng		0.00
87) Perylene-d12	15.32	264	250380	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.36	112	379039	53.28	ng		0.00
7) Phenol-d6	6.38	99	458035	52.94	ng		0.00
23) Nitrobenzene-d5	7.29	82	296819	34.58	ng		0.00
42) 2,4,6-Tribromophenol	10.55	330	113223	38.42	ng		0.00
45) 2-Fluorobiphenyl	9.08	172	557812	36.48	ng		0.00
79) Terphenyl-d14	12.82	244	461987	29.82	ng		0.00
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.29	70	40013	7.937	ng	#	76
25) Isophorone	7.29	82	296819	19.912	ng	#	63
49) Acenaphthylene	9.62	152	43651	2.060	ng		98
50) Dimethylphthalate	9.48	163	37002	2.148	ng		99
51) 2,6-Dinitrotoluene	9.76	165	28051	7.330	ng	#	33
57) 2,4-Dinitrotoluene	9.76	165	28051	5.655	ng	#	21
72) Anthracene	11.32	178	58225	3.145	ng		95
75) Fluoranthene	12.46	202	262640	13.353	ng		99
78) Pyrene	12.69	202	269552	12.585	ng		97
81) Benzo(a)anthracene	13.87	228	151434	8.333	ng		99
83) Chrysene	13.91	228	184784	10.204	ng		98
86) Indeno(1,2,3-cd)pyrene	16.74	276	83175	4.744	ng		93
88) Benzo(b)fluoranthene	14.91	252	396007	23.995	ng		99
89) Benzo(k)fluoranthene	14.91	252	396007	25.892	ng		99
90) Benzo(a)pyrene	15.26	252	113822	7.642	ng		98
92) Benzo(g,h,i)perylene	17.16	276	76002	5.869	ng		94

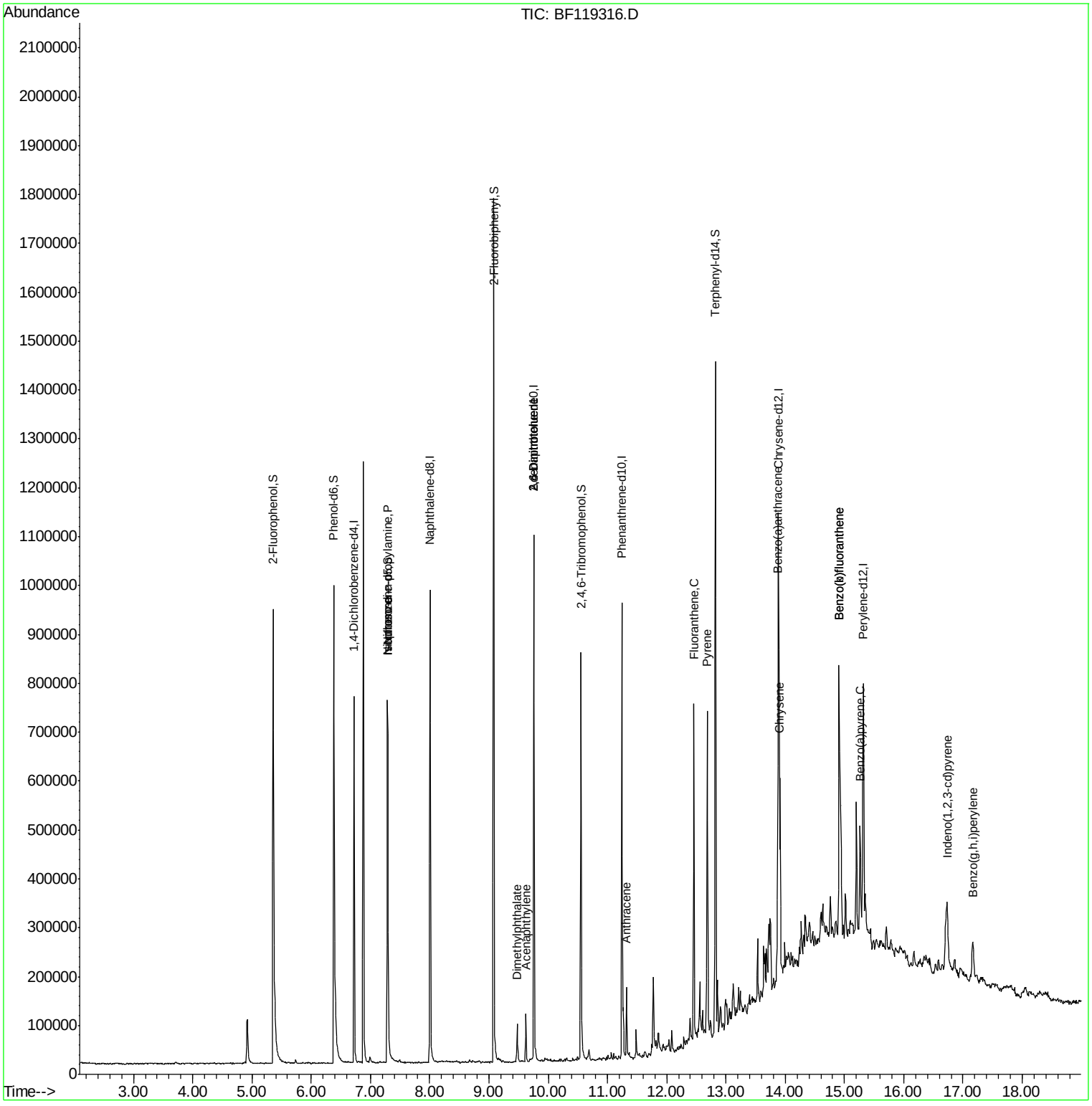
(#) = qualifier out of range (m) = manual integration (+) = signals summed

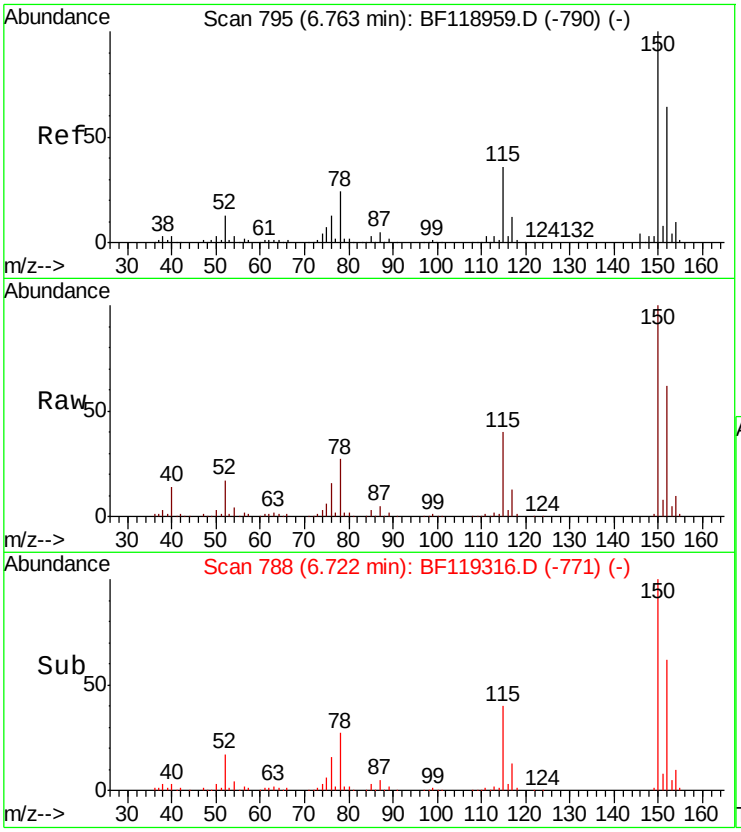
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031020\
Data File : BF119316.D
Acq On : 10 Mar 2020 14:53
Operator : CG/JU
Sample : L1778-09 2X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Mar 11 01:38:07 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 06 23:38:46 2020
Response via : Initial Calibration



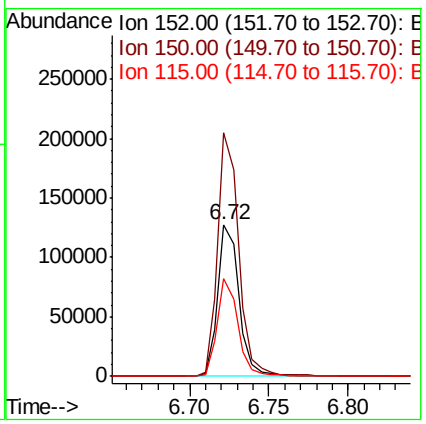


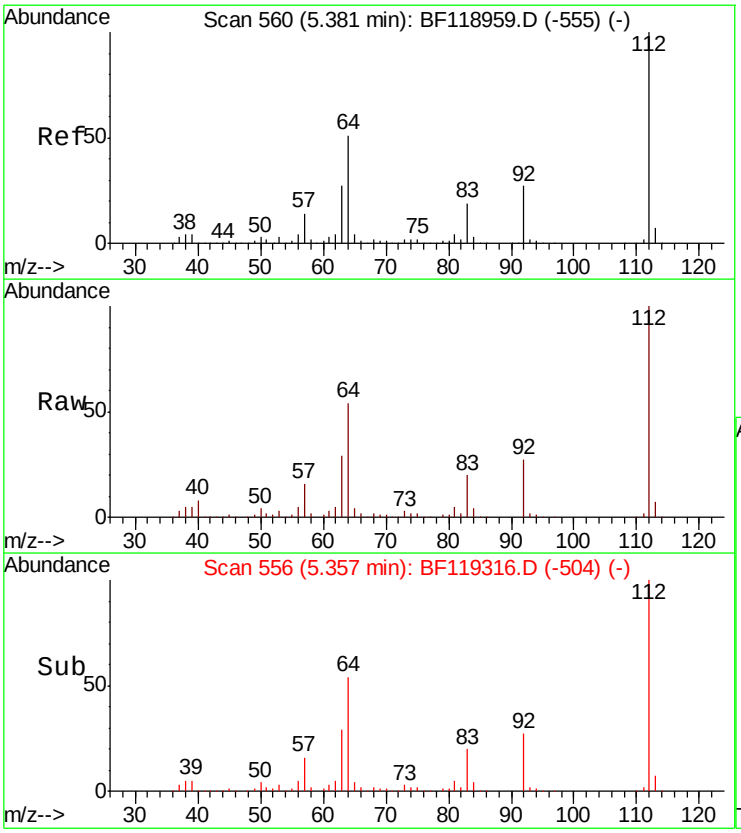
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 788
Delta R.T. -0.00 min
Lab File: BF119316.D
Acq: 10 Mar 2020 14:53

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 118887

Ion	Ratio	Lower	Upper
152	100		
150	160.7	123.0	184.6
115	64.2	49.5	74.3

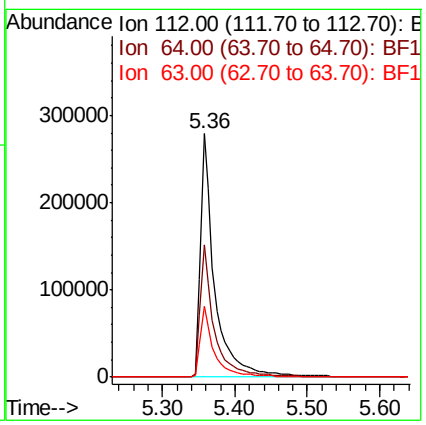


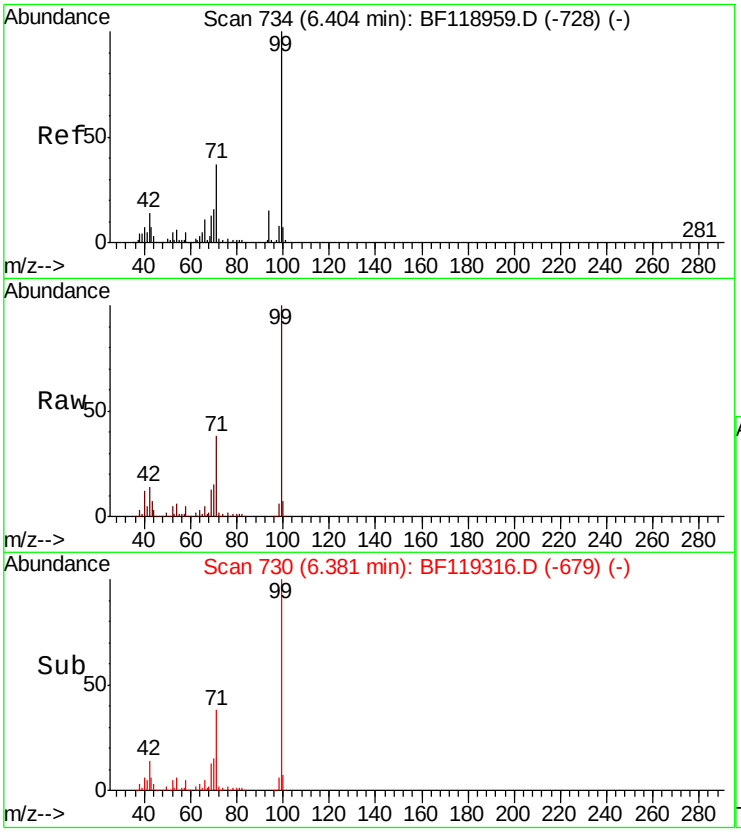


#5
2-Fluorophenol
Concen: 53.281 ng
RT: 5.36 min Scan# 556
Delta R.T. 0.01 min
Lab File: BF119316.D
Acq: 10 Mar 2020 14:53

Tgt Ion:112 Resp: 379039

Ion	Ratio	Lower	Upper
112	100		
64	54.2	45.0	67.4
63	28.9	24.2	36.4



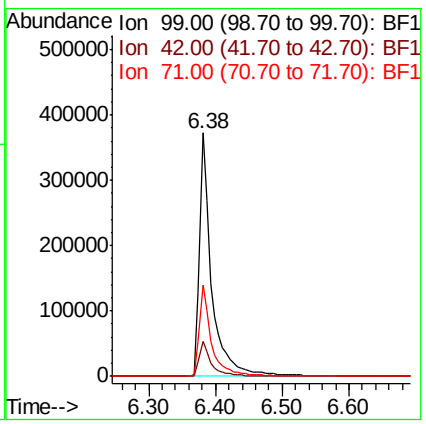


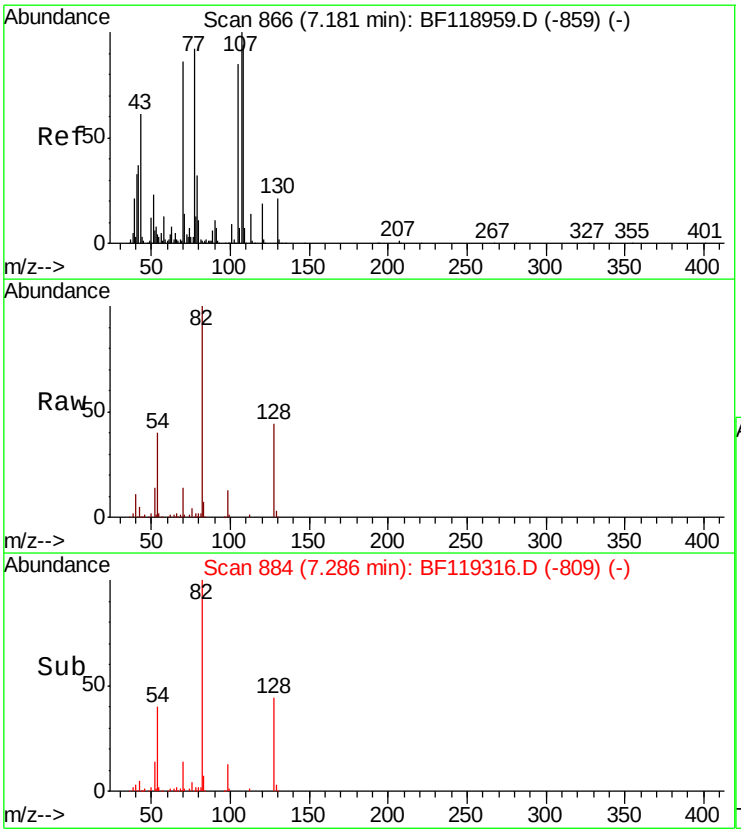
#7
Phenol-d6
Concen: 52.940 ng
RT: 6.38 min Scan# 730
Delta R.T. -0.00 min
Lab File: BF119316.D
Acq: 10 Mar 2020 14:53

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 458035

Ion	Ratio	Lower	Upper
99	100		
42	14.4	12.6	18.8
71	37.6	31.0	46.4

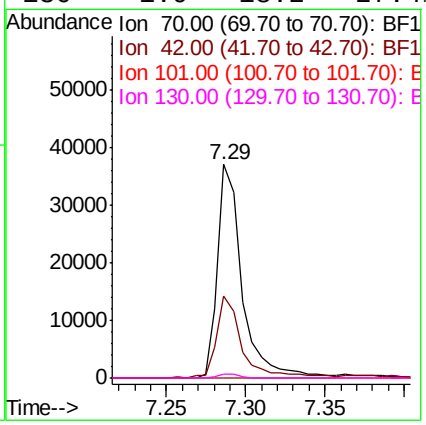


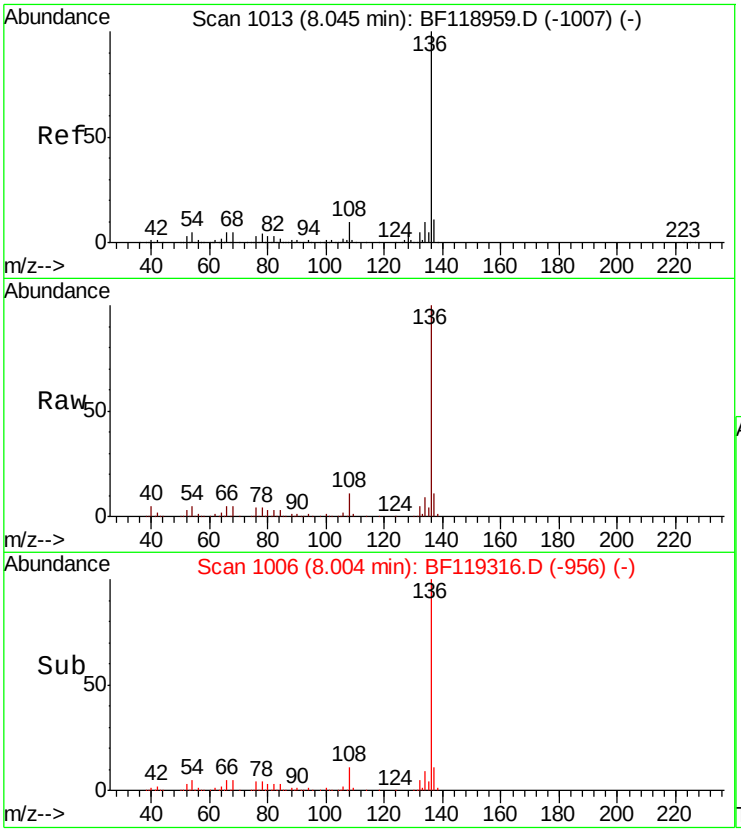


#19
n-Nitroso-di-n-propylamine
Concen: 7.937 ng
RT: 7.29 min Scan# 884
Delta R.T. 0.14 min
Lab File: BF119316.D
Acq: 10 Mar 2020 14:53

Tgt Ion: 70 Resp: 40013

Ion	Ratio	Lower	Upper
70	100		
42	38.7	38.0	57.0
101	0.0	8.2	12.4#
130	1.9	18.2	27.4#



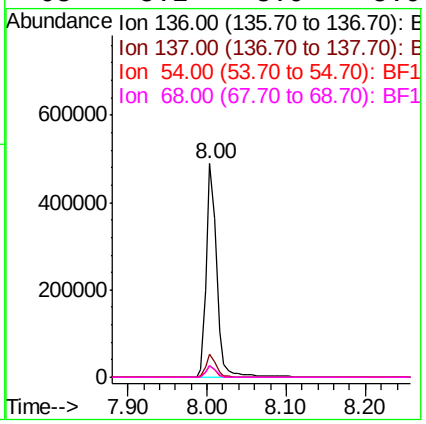


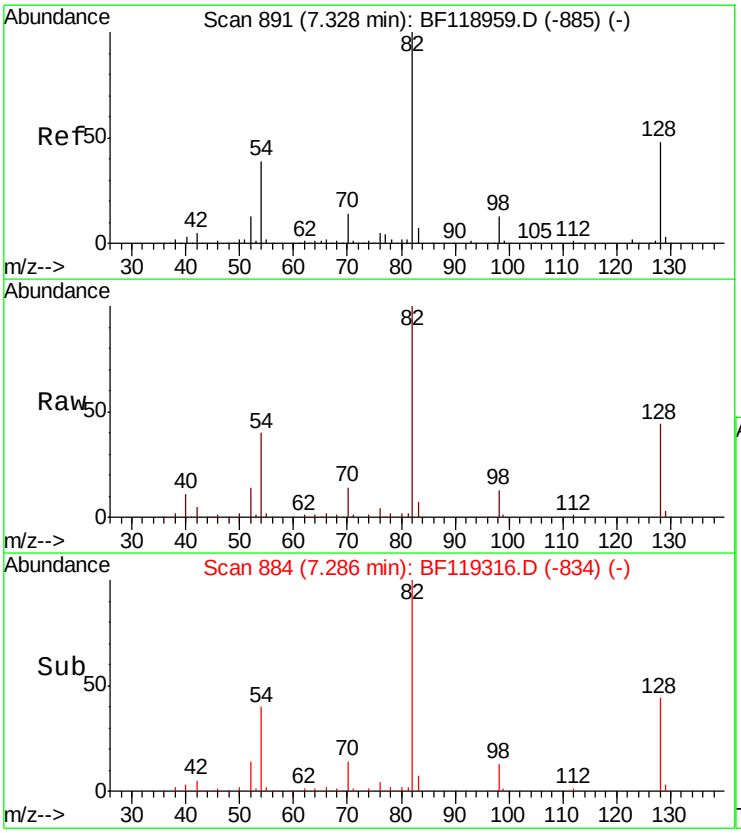
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 1006
Delta R.T. -0.01 min
Lab File: BF119316.D
Acq: 10 Mar 2020 14:53

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 453184

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.8	13.2
54	5.1	3.8	5.6
68	5.2	3.9	5.9

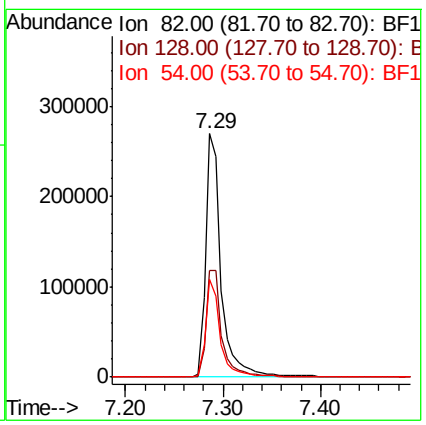


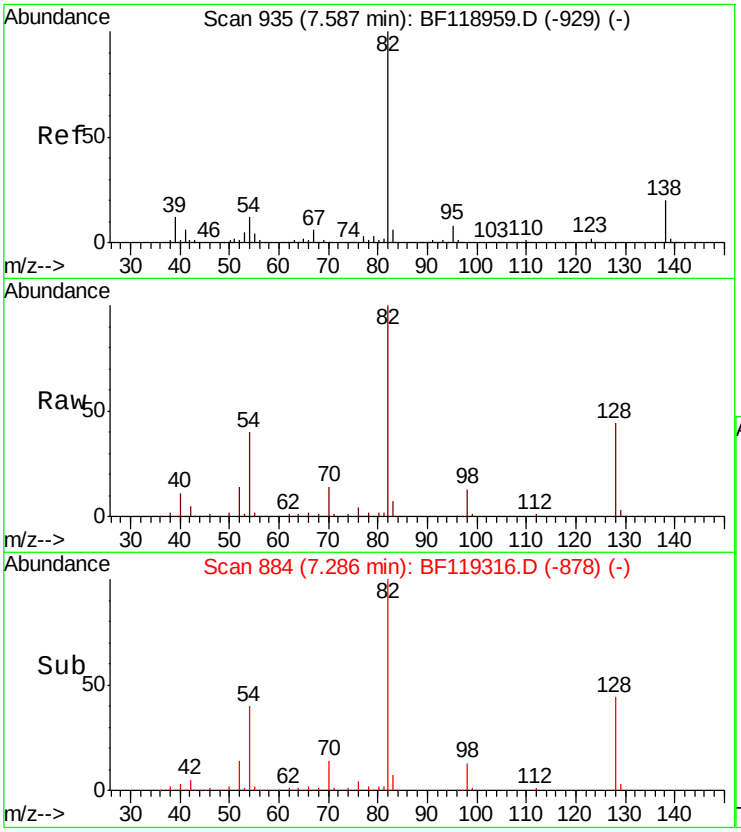


#23
Nitrobenzene-d5
Concen: 34.582 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF119316.D
Acq: 10 Mar 2020 14:53

Tgt Ion: 82 Resp: 296819

Ion	Ratio	Lower	Upper
82	100		
128	43.7	37.9	56.9
54	40.4	33.4	50.2



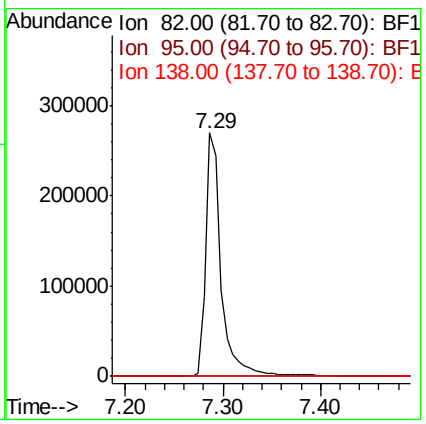


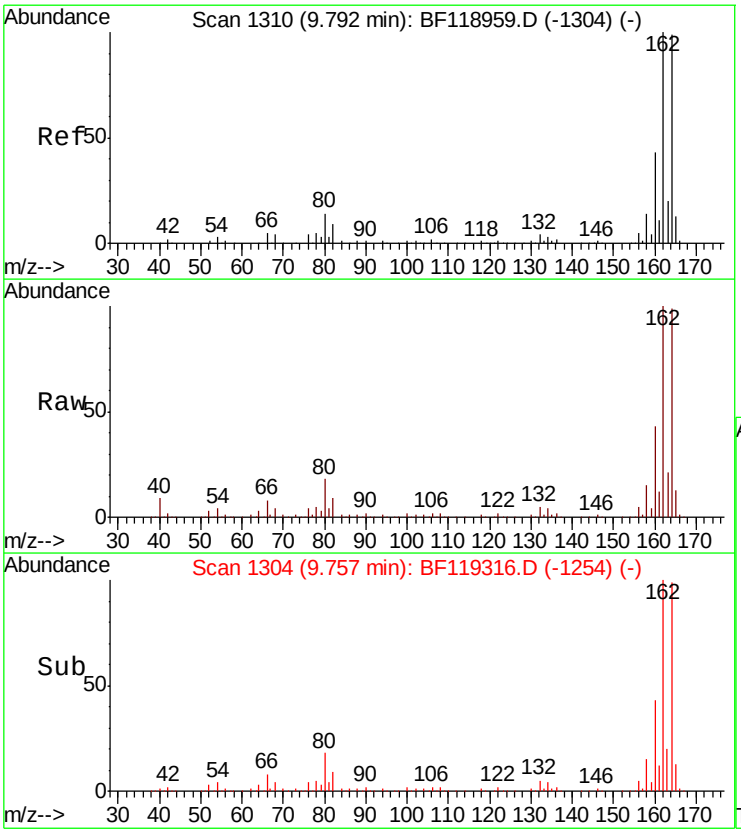
#25
Isophorone
Concen: 19.912 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.26 min
Lab File: BF119316.D
Acq: 10 Mar 2020 14:53

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 296819

Ion	Ratio	Lower	Upper
82	100		
95	0.0	6.4	9.6#
138	0.0	15.7	23.5#

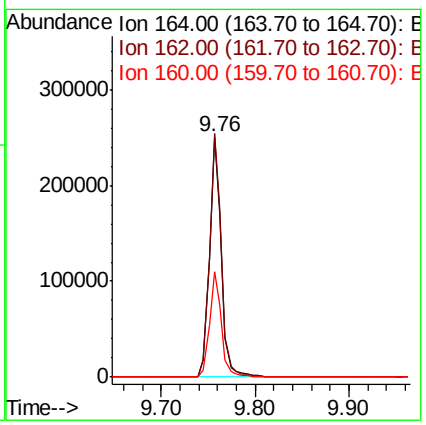


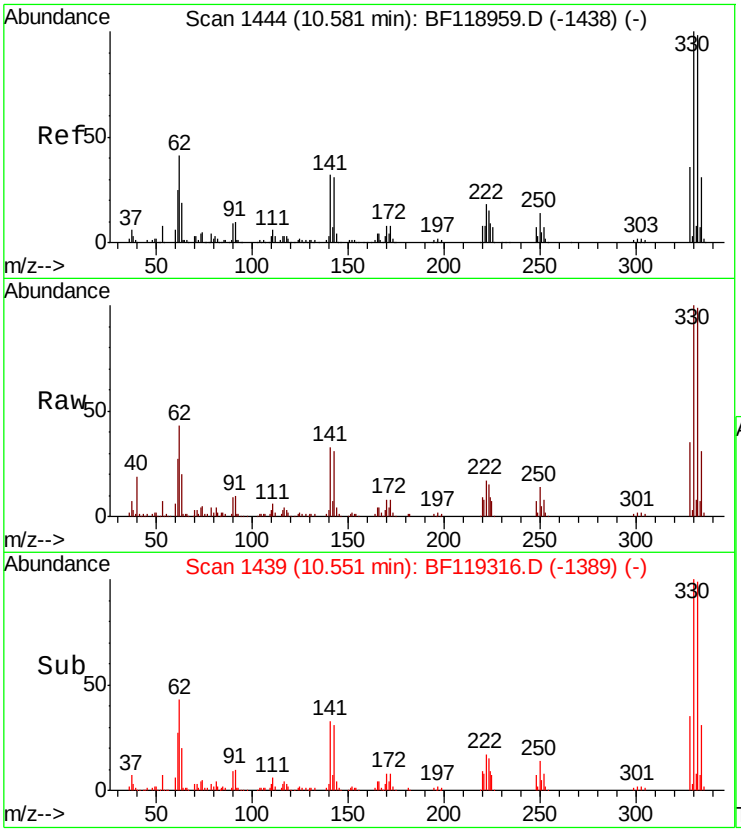


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.76 min Scan# 1304
Delta R.T. -0.01 min
Lab File: BF119316.D
Acq: 10 Mar 2020 14:53

Tgt Ion:164 Resp: 225270

Ion	Ratio	Lower	Upper
164	100		
162	101.4	81.8	122.8
160	44.1	36.0	54.0



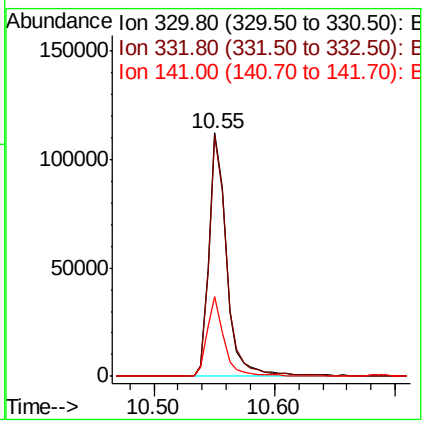


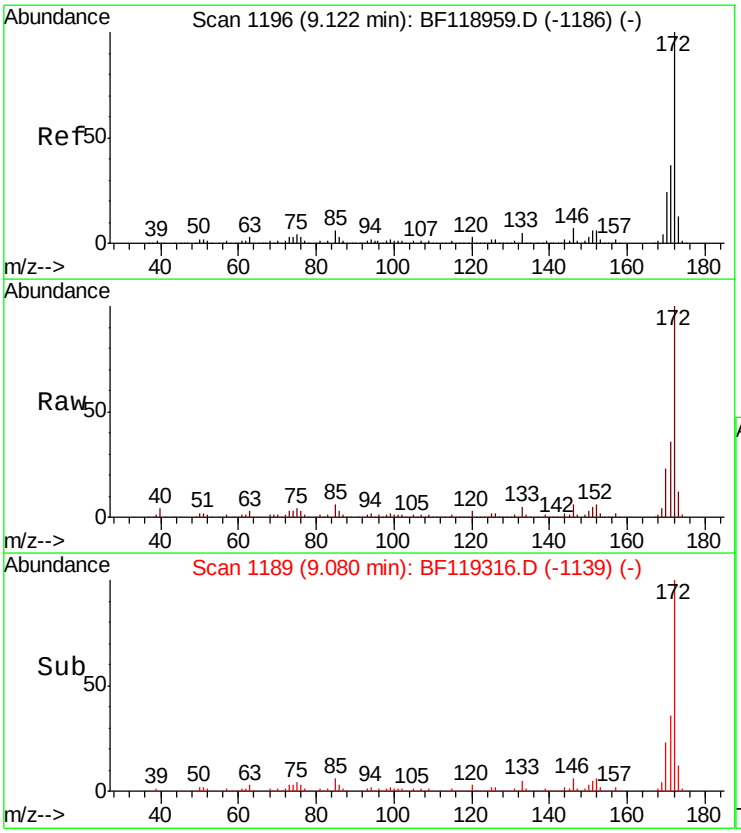
#42
2,4,6-Tribromophenol
Concen: 38.421 ng
RT: 10.55 min Scan# 1439
Delta R.T. -0.01 min
Lab File: BF119316.D
Acq: 10 Mar 2020 14:53

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 113223

Ion	Ratio	Lower	Upper
330	100		
332	98.8	76.0	114.0
141	31.7	22.9	34.3

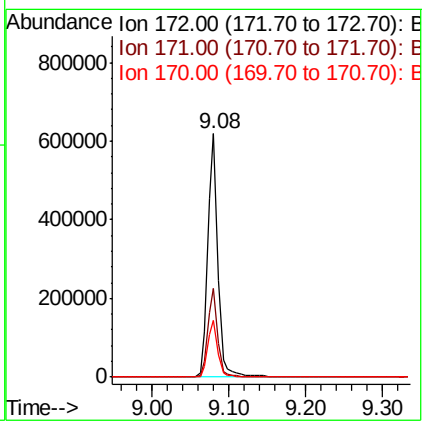


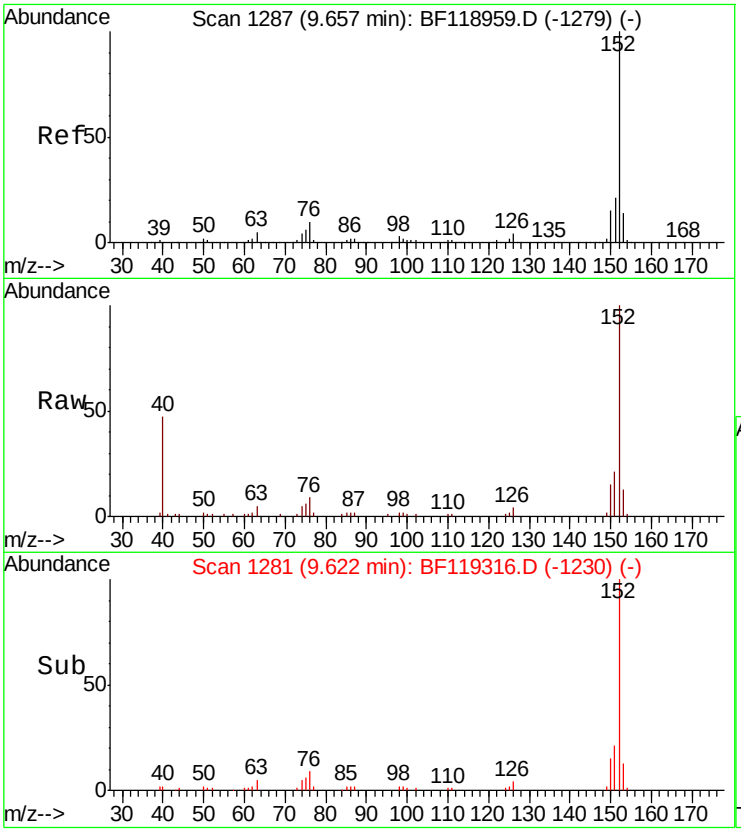


#45
2-Fluorobiphenyl
Concen: 36.479 ng
RT: 9.08 min Scan# 1189
Delta R.T. -0.01 min
Lab File: BF119316.D
Acq: 10 Mar 2020 14:53

Tgt Ion:172 Resp: 557812

Ion	Ratio	Lower	Upper
172	100		
171	36.5	30.6	45.8
170	23.3	20.2	30.2



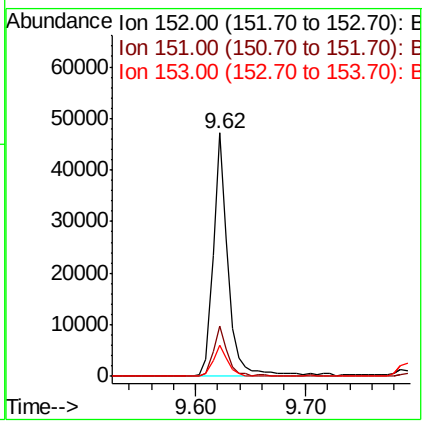


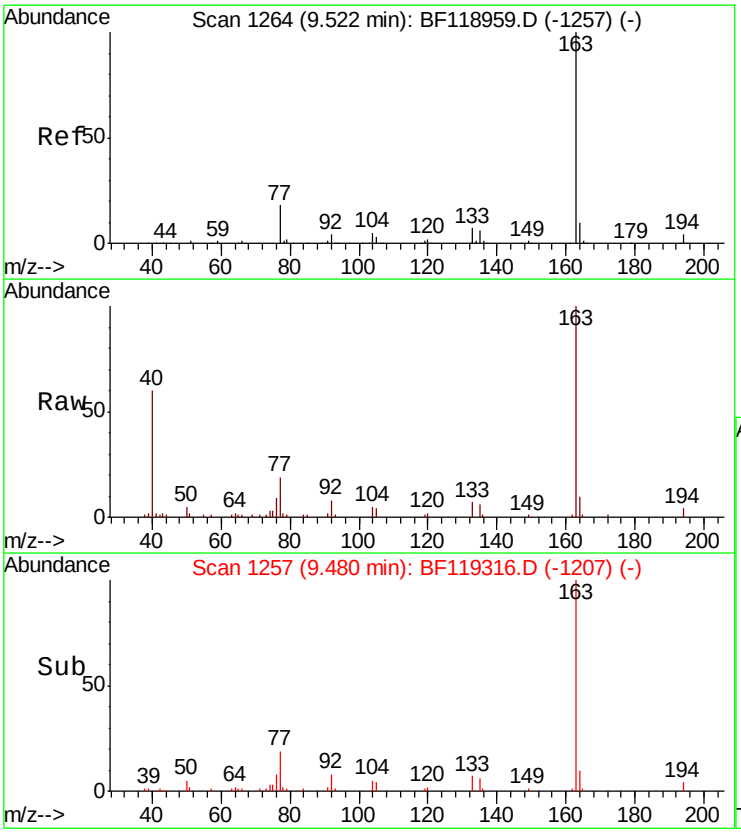
#49
Acenaphthylene
Concen: 2.060 ng
RT: 9.62 min Scan# 1281
Delta R.T. -0.00 min
Lab File: BF119316.D
Acq: 10 Mar 2020 14:53

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 43651

Ion	Ratio	Lower	Upper
152	100		
151	20.6	16.9	25.3
153	12.8	11.0	16.6

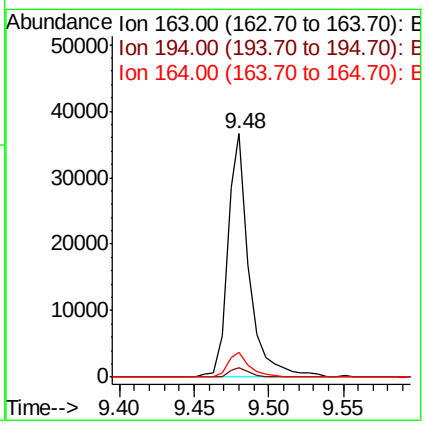


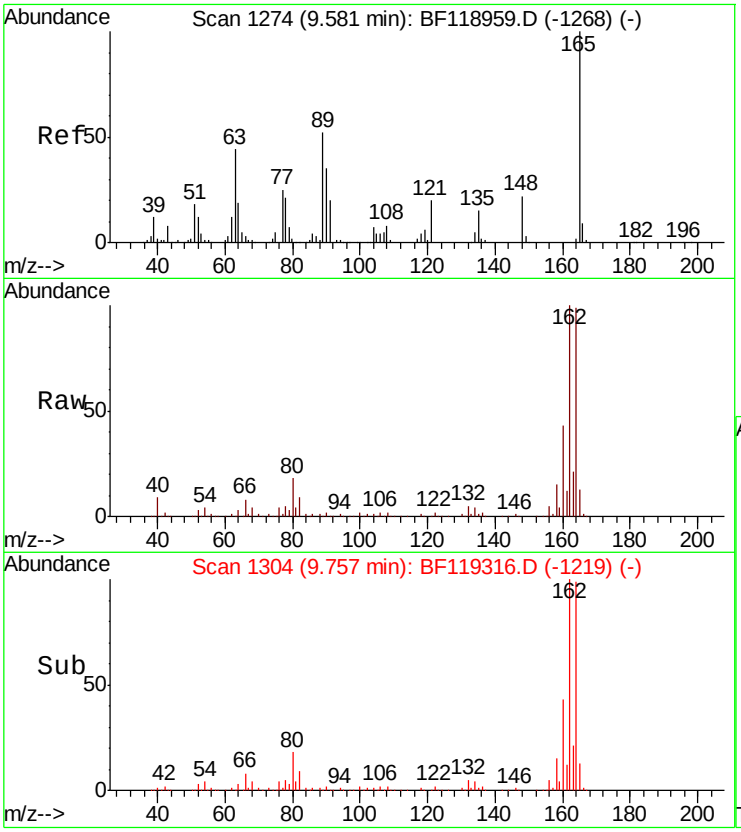


#50
Dimethylphthalate
Concen: 2.148 ng
RT: 9.48 min Scan# 1257
Delta R.T. -0.01 min
Lab File: BF119316.D
Acq: 10 Mar 2020 14:53

Tgt Ion:163 Resp: 37002

Ion	Ratio	Lower	Upper
163	100		
194	3.8	3.5	5.3
164	10.2	8.4	12.6



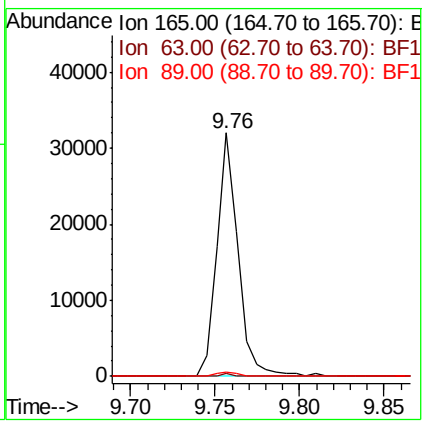


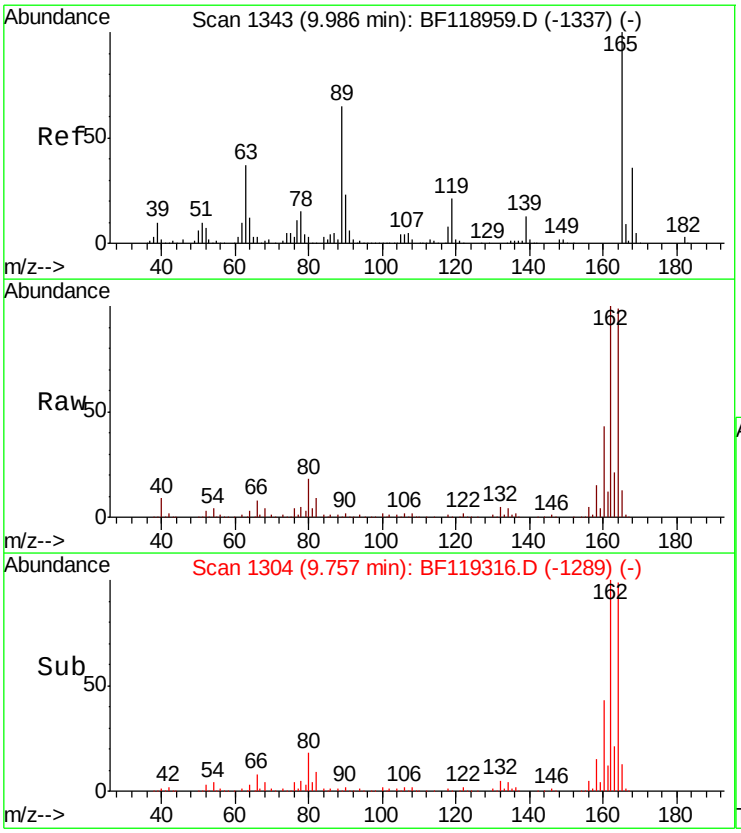
#51
2,6-Dinitrotoluene
Concen: 7.330 ng
RT: 9.76 min Scan# 1304
Delta R.T. 0.20 min
Lab File: BF119316.D
Acq: 10 Mar 2020 14:53

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 28051

Ion	Ratio	Lower	Upper
165	100		
63	1.3	34.3	51.5#
89	1.5	38.3	57.5#

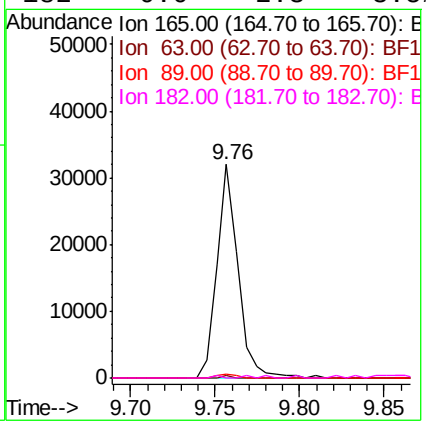


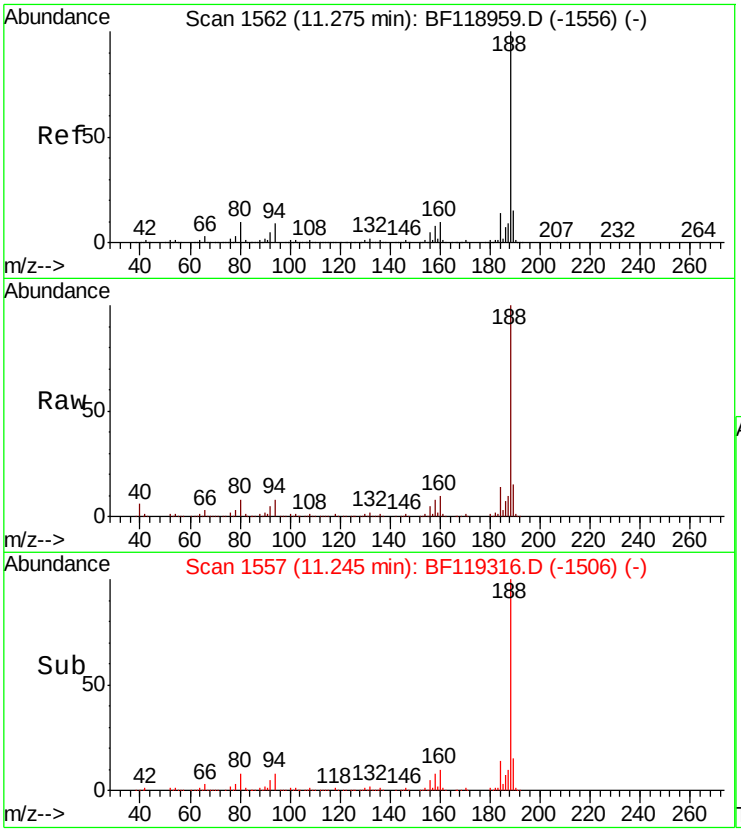


#57
2,4-Dinitrotoluene
Concen: 5.655 ng
RT: 9.76 min Scan# 1304
Delta R.T. -0.21 min
Lab File: BF119316.D
Acq: 10 Mar 2020 14:53

Tgt Ion:165 Resp: 28051

Ion	Ratio	Lower	Upper
165	100		
63	1.3	42.3	63.5#
89	1.5	60.2	90.4#
182	0.0	2.3	3.5#



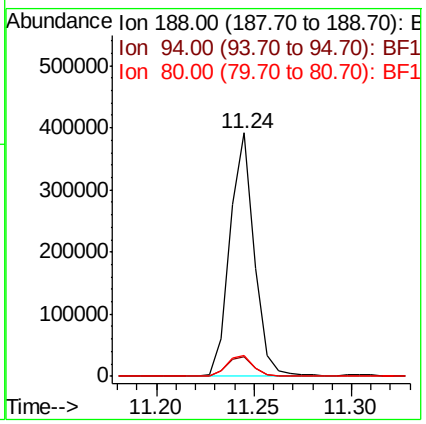


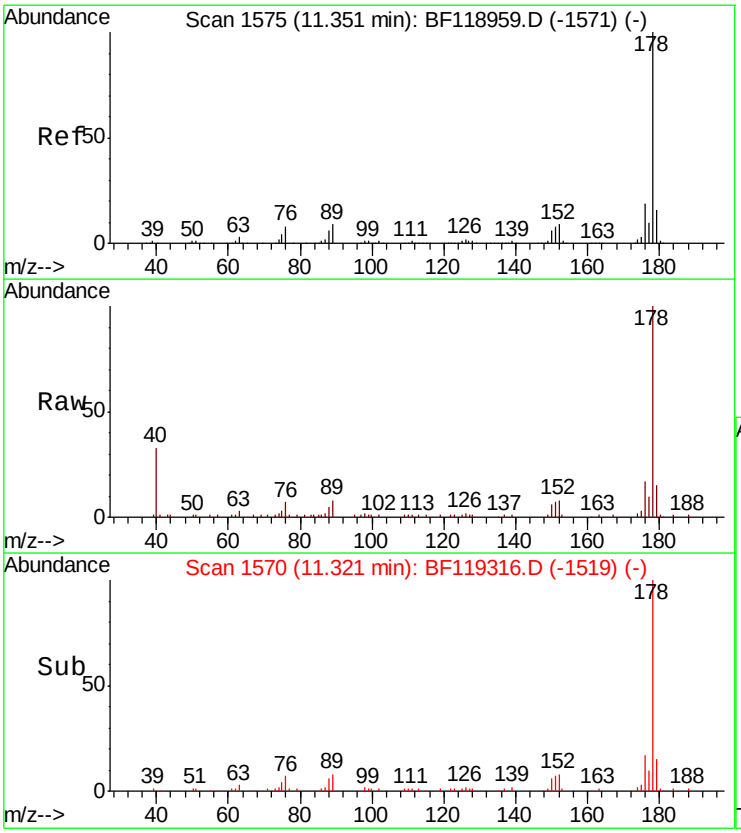
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1557
Delta R.T. -0.00 min
Lab File: BF119316.D
Acq: 10 Mar 2020 14:53

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 339792

Ion	Ratio	Lower	Upper
188	100		
94	8.1	7.1	10.7
80	8.4	7.8	11.8

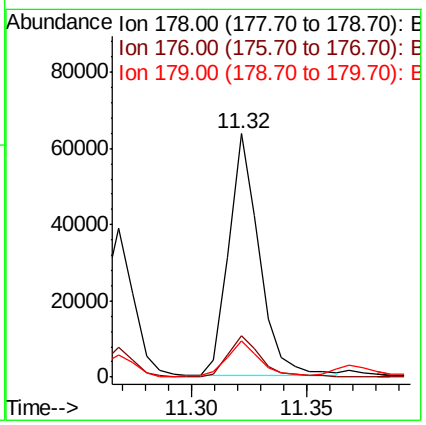


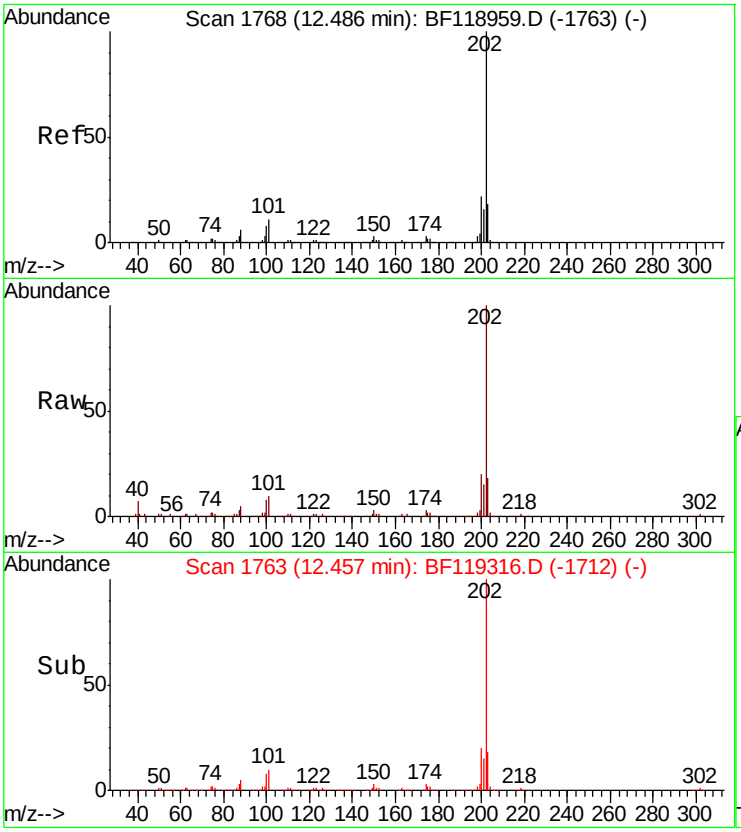


#72
Anthracene
Concen: 3.145 ng
RT: 11.32 min Scan# 1570
Delta R.T. -0.00 min
Lab File: BF119316.D
Acq: 10 Mar 2020 14:53

Tgt Ion:178 Resp: 58225

Ion	Ratio	Lower	Upper
178	100		
176	17.2	16.0	24.0
179	15.0	13.1	19.7



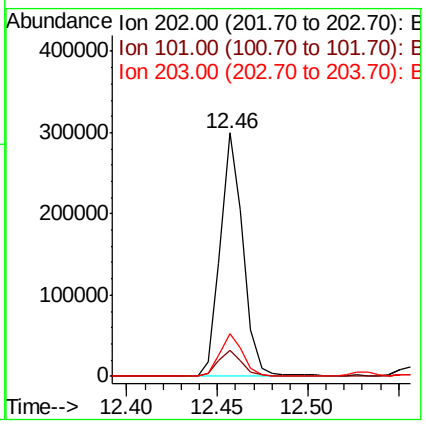


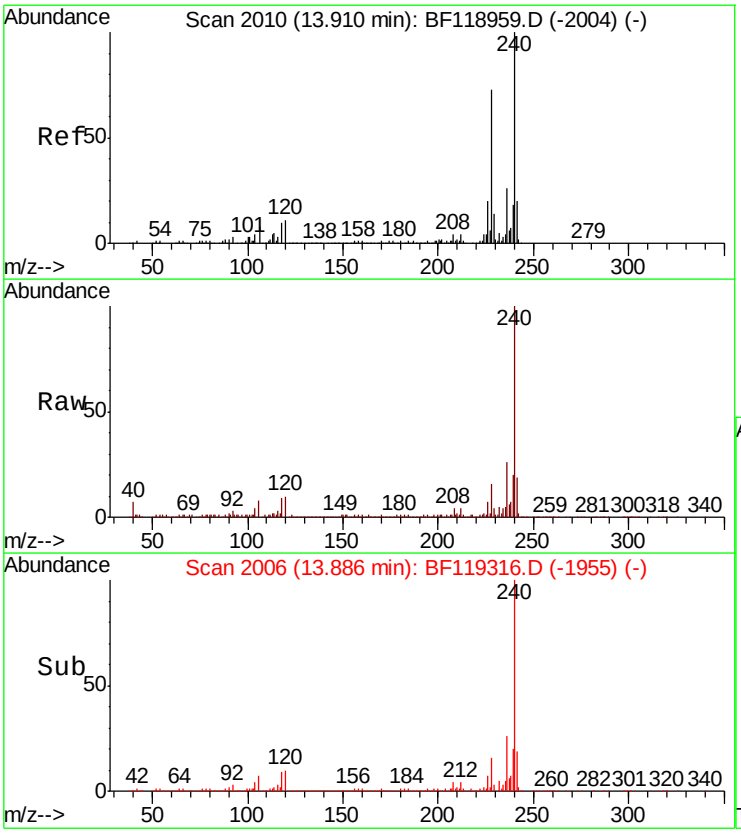
#75
Fluoranthene
Concen: 13.353 ng
RT: 12.46 min Scan# 1763
Delta R.T. -0.00 min
Lab File: BF119316.D
Acq: 10 Mar 2020 14:53

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 262640

Ion	Ratio	Lower	Upper
202	100		
101	10.4	0.0	30.3
203	17.5	0.0	38.4

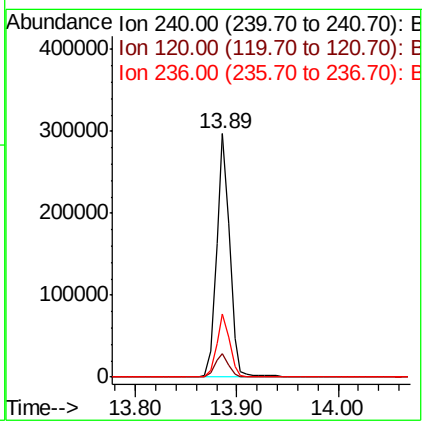


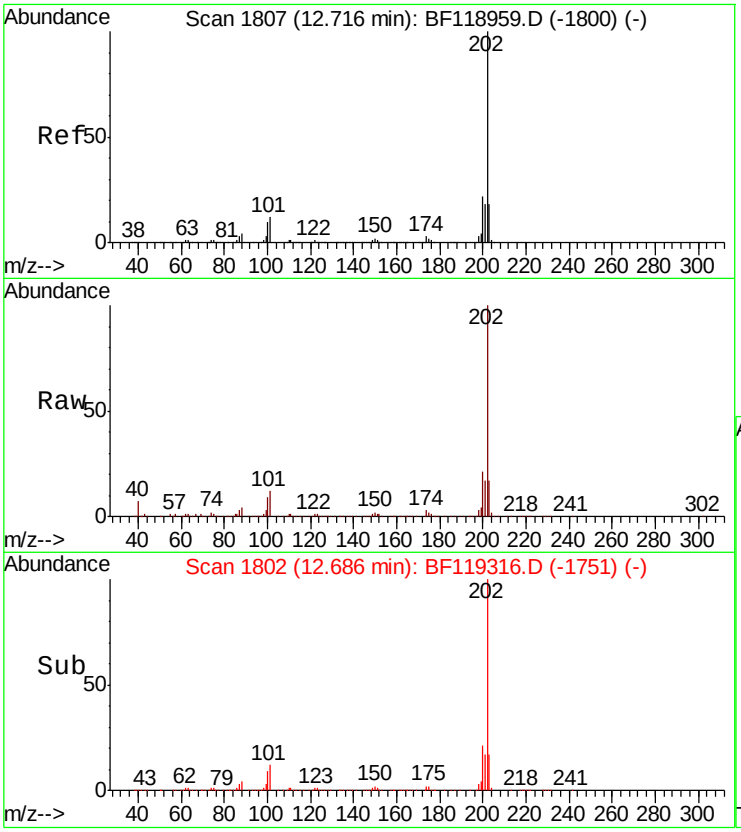


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.89 min Scan# 2006
Delta R.T. -0.00 min
Lab File: BF119316.D
Acq: 10 Mar 2020 14:53

Tgt Ion:240 Resp: 266725

Ion	Ratio	Lower	Upper
240	100		
120	9.6	8.4	12.6
236	25.7	21.0	31.4



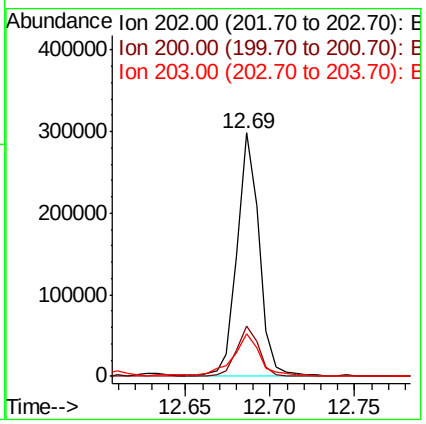


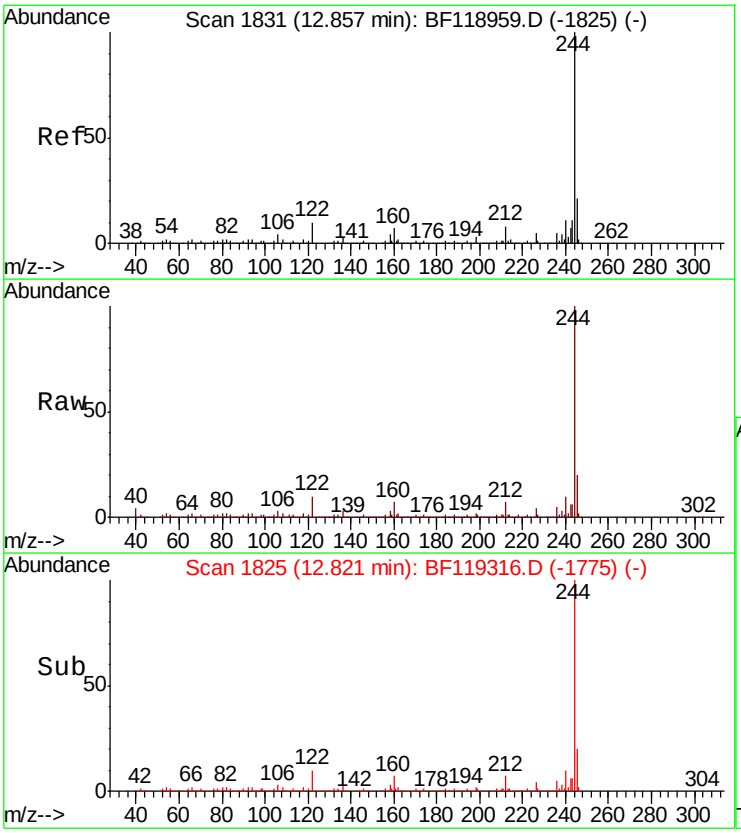
#78
Pyrene
Concen: 12.585 ng
RT: 12.69 min Scan# 1802
Delta R.T. -0.00 min
Lab File: BF119316.D
Acq: 10 Mar 2020 14:53

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 269552

Ion	Ratio	Lower	Upper
202	100		
200	20.7	18.0	27.0
203	17.4	14.6	22.0

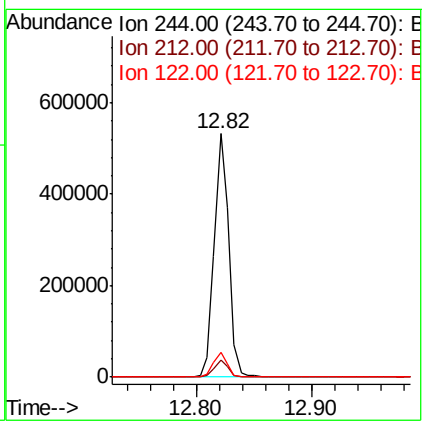


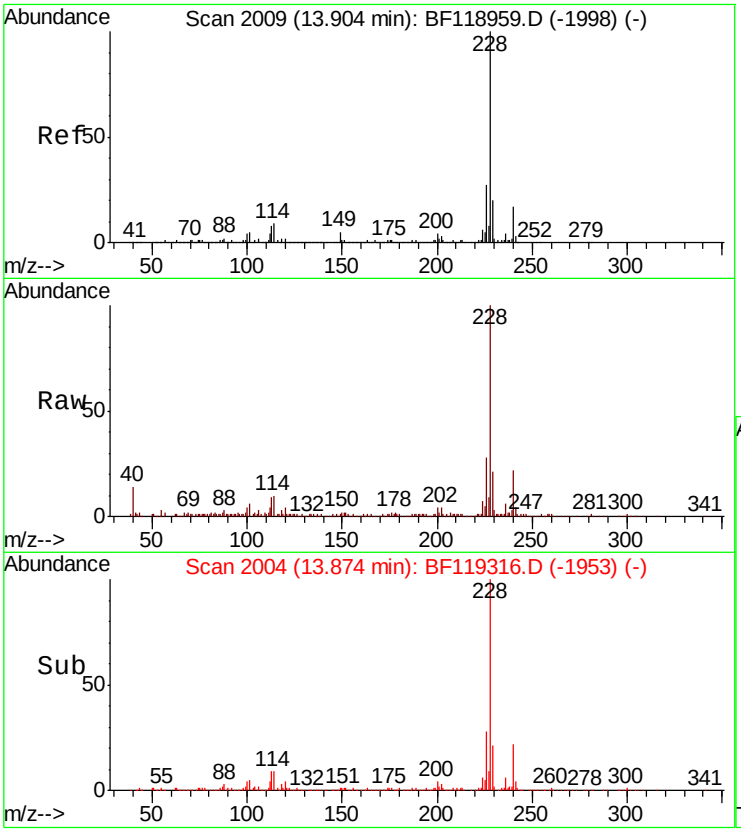


#79
Terphenyl-d14
Concen: 29.821 ng
RT: 12.82 min Scan# 1825
Delta R.T. -0.01 min
Lab File: BF119316.D
Acq: 10 Mar 2020 14:53

Tgt Ion:244 Resp: 461987

Ion	Ratio	Lower	Upper
244	100		
212	6.8	6.6	10.0
122	10.1	8.2	12.2



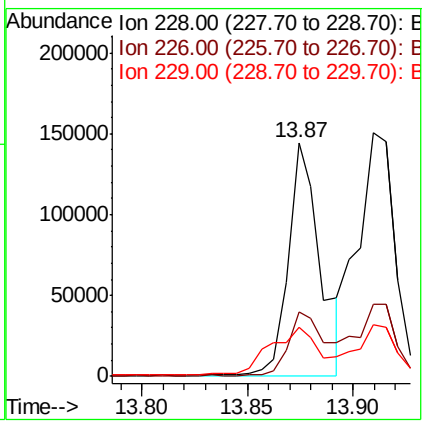


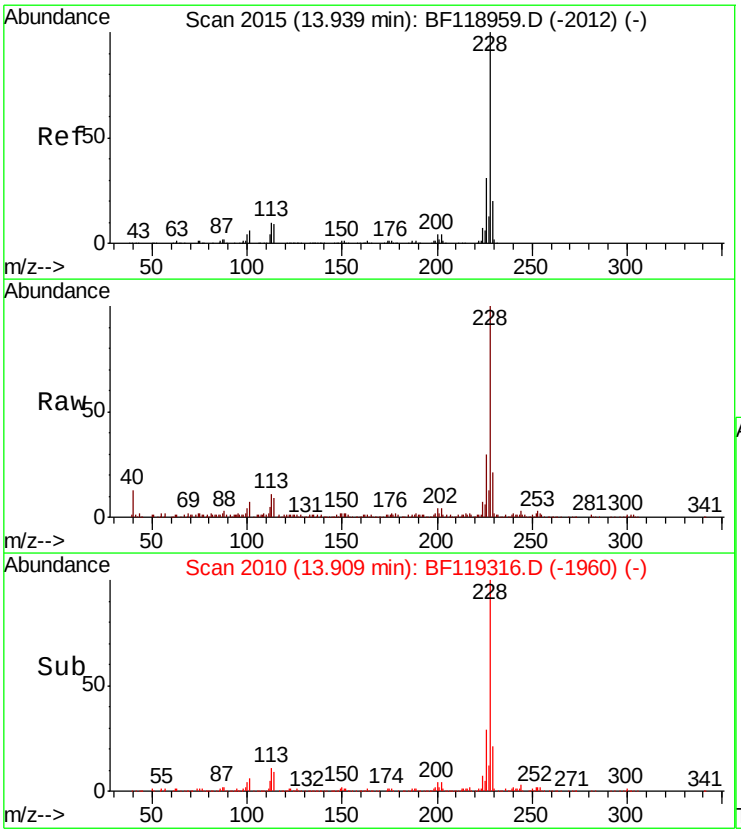
#81
Benzo(a)anthracene
Concen: 8.333 ng
RT: 13.87 min Scan# 2004
Delta R.T. -0.00 min
Lab File: BF119316.D
Acq: 10 Mar 2020 14:53

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 151434

Ion	Ratio	Lower	Upper
228	100		
226	27.7	22.6	33.8
229	21.1	16.6	24.8

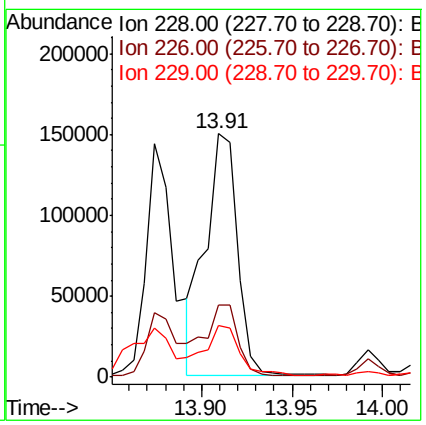


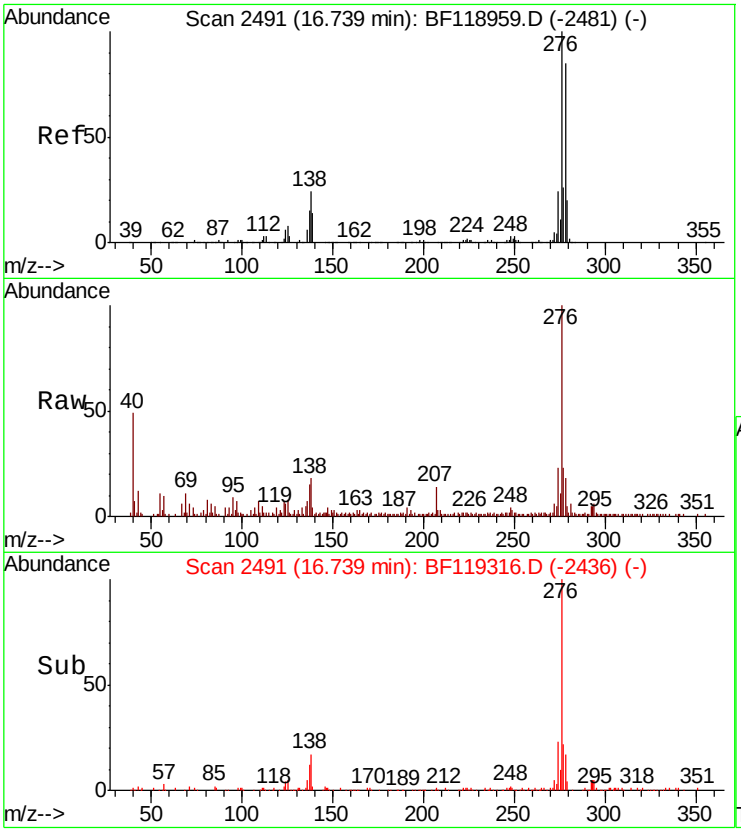


#83
Chrysene
Concen: 10.204 ng
RT: 13.91 min Scan# 2010
Delta R.T. -0.01 min
Lab File: BF119316.D
Acq: 10 Mar 2020 14:53

Tgt Ion:228 Resp: 184784

Ion	Ratio	Lower	Upper
228	100		
226	29.8	25.1	37.7
229	21.2	16.3	24.5



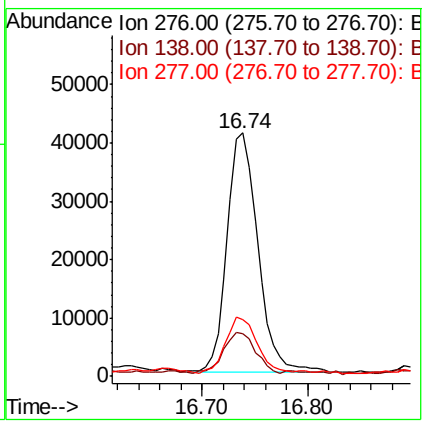


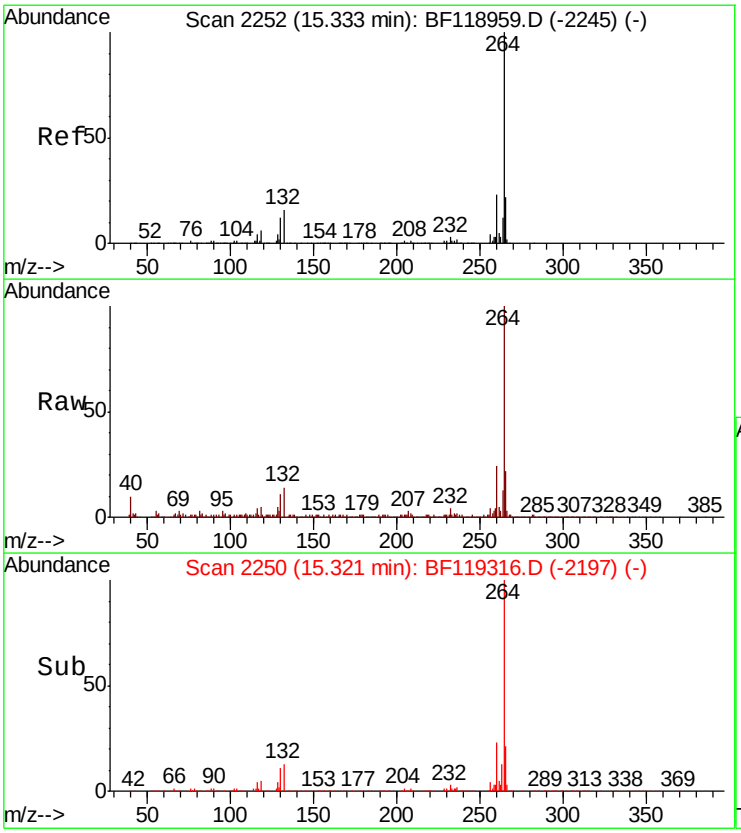
#86
Indeno(1,2,3-cd)pyrene
Concen: 4.744 ng
RT: 16.74 min Scan# 2491
Delta R.T. 0.02 min
Lab File: BF119316.D
Acq: 10 Mar 2020 14:53

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 83175

Ion	Ratio	Lower	Upper
276	100		
138	17.4	17.4	26.0
277	23.2	20.3	30.5

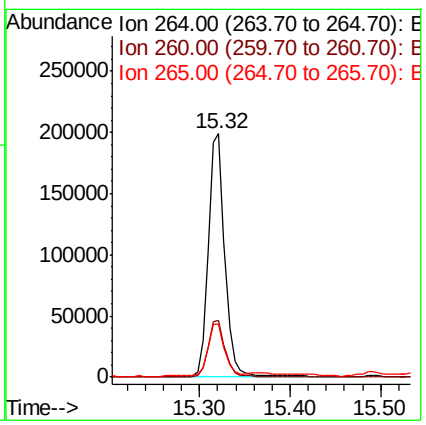


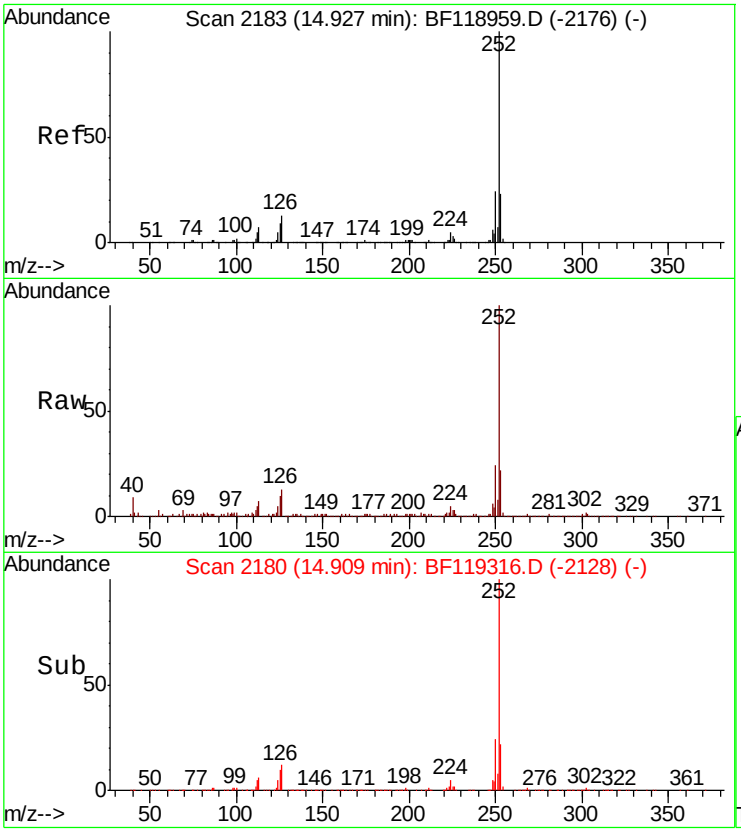


#87
Perylene-d12
Concen: 20.000 ng
RT: 15.32 min Scan# 2250
Delta R.T. 0.01 min
Lab File: BF119316.D
Acq: 10 Mar 2020 14:53

Tgt Ion:264 Resp: 250380

Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.4	29.2
265	21.9	17.7	26.5



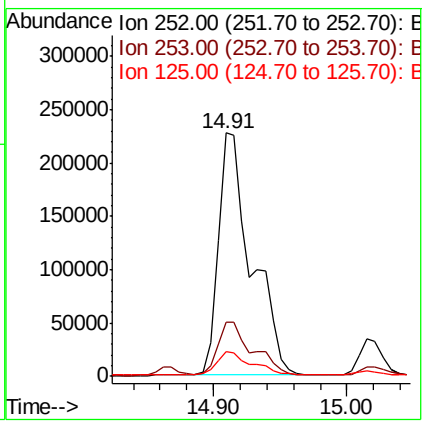


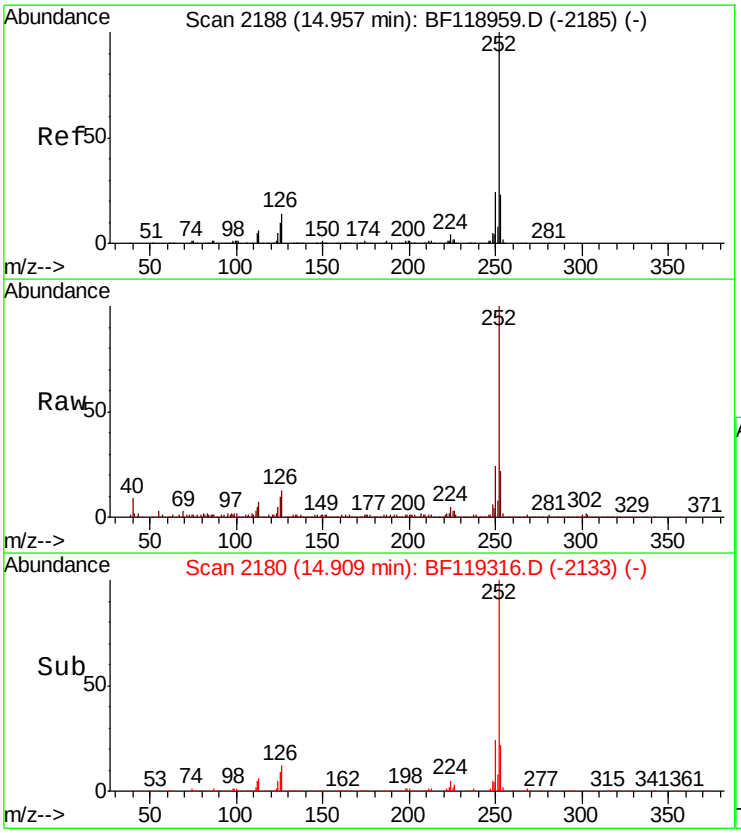
#88
Benzo(b)fluoranthene
Concen: 23.995 ng
RT: 14.91 min Scan# 2180
Delta R.T. 0.01 min
Lab File: BF119316.D
Acq: 10 Mar 2020 14:53

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 396007

Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.1	27.1
125	10.2	7.4	11.0

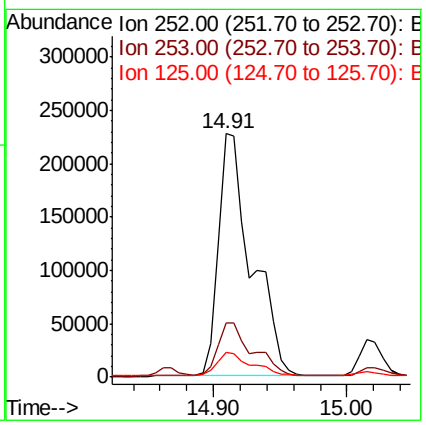


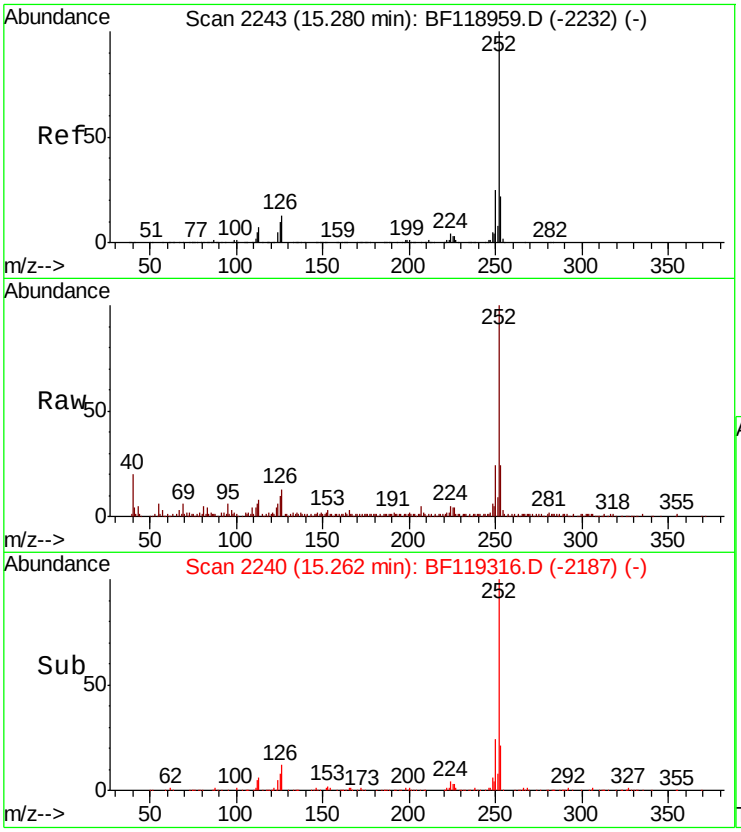


#89
Benzo(k)fluoranthene
Concen: 25.892 ng
RT: 14.91 min Scan# 2180
Delta R.T. -0.02 min
Lab File: BF119316.D
Acq: 10 Mar 2020 14:53

Tgt Ion:252 Resp: 396007

Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.8	26.8
125	10.2	7.5	11.3



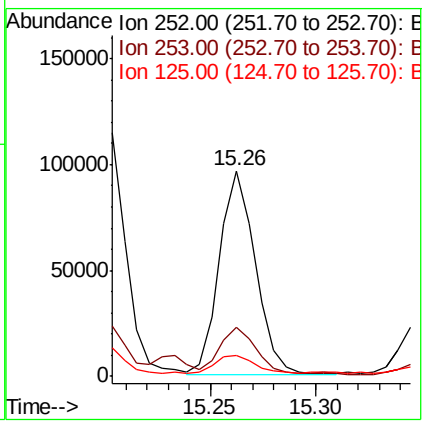


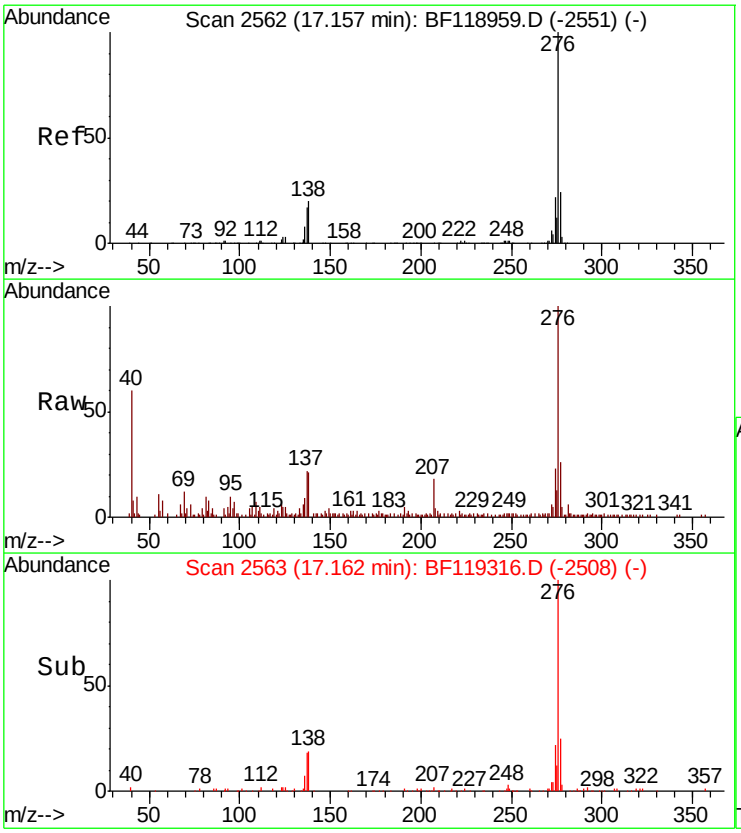
#90
Benzo(a)pyrene
Concen: 7.642 ng
RT: 15.26 min Scan# 2240
Delta R.T. 0.01 min
Lab File: BF119316.D
Acq: 10 Mar 2020 14:53

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 113822

Ion	Ratio	Lower	Upper
252	100		
253	23.8	18.0	27.0
125	10.1	8.6	12.8





#92
Benzo(g,h,i)perylene
Concen: 5.869 ng
RT: 17.16 min Scan# 2563
Delta R.T. 0.02 min
Lab File: BF119316.D
Acq: 10 Mar 2020 14:53

Tgt Ion:276 Resp: 76002

Ion	Ratio	Lower	Upper
276	100		
277	26.1	18.7	28.1
138	20.8	14.3	21.5