Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF031519\
Data File : BF113074.D
Acq On : 15 Mar 2019 19:10
Operator : JU/SJ
Sample : K1698-01 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TR-04-031419

Quant Time: Mar 15 22:55:33 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 13 03:42:55 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	127723	20.00	ng		0.00
21) Naphthalene-d8	8.01	136	516789	20.00	ng		0.00
39) Acenaphthene-d10	9.76	164	270454	20.00	ng		-0.01
64) Phenanthrene-d10	11.23	188	521337	20.00	ng		-0.01
76) Chrysene-d12	13.86	240	396130	20.00	ng		0.00
87) Perylene-d12	15.27	264	392787	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.33	112	138043	16.81	ng		-0.01
7) Phenol-d6	6.36	99	196662	19.07	ng		-0.01
23) Nitrobenzene-d5	7.28	82	110313	12.77	ng		-0.02
42) 2,4,6-Tribromophenol	10.55	330	65953	22.97	ng		0.00
45) 2-Fluorobiphenyl	9.08	172	261631	11.93	ng		-0.01
79) Terphenyl-d14	12.82	244	247505	12.11	ng		0.00
Target Compounds							Qvalue
25) Isophorone	7.28	82	106895	5.745	ng	#	66
31) Naphthalene	8.03	128	159589	6.220	ng		99
37) 2-Methylnaphthalene	8.72	142	102670	6.196	ng		98
38) 1-Methylnaphthalene	8.82	142	92784	5.781	ng		99
51) 2,6-Dinitrotoluene	9.76	165	38303	9.224	ng	#	18
52) Acenaphthene	9.79	154	34307	2.006	ng		95
54) 2,4-Dinitrophenol	9.82	184	678	6.820	ng	#	37
58) Fluorene	10.30	166	64933	3.681	ng		96
71) Phenanthrene	11.26	178	330269	12.733	ng		98
72) Anthracene	11.31	178	62992	2.320	ng		97
78) Pyrene	12.68	202	245116	7.340	ng		97
81) Benzo(a)anthracene	13.85	228	99039	3.607	ng		94
83) Chrysene	13.89	228	99702	3.707	ng		97
88) Benzo(b)fluoranthene	14.87	252	133763	5.265	ng		95
89) Benzo(k)fluoranthene	14.87	252	133763	5.812	ng	#	94
90) Benzo(a)pyrene	15.21	252	82730	3.681	ng		98

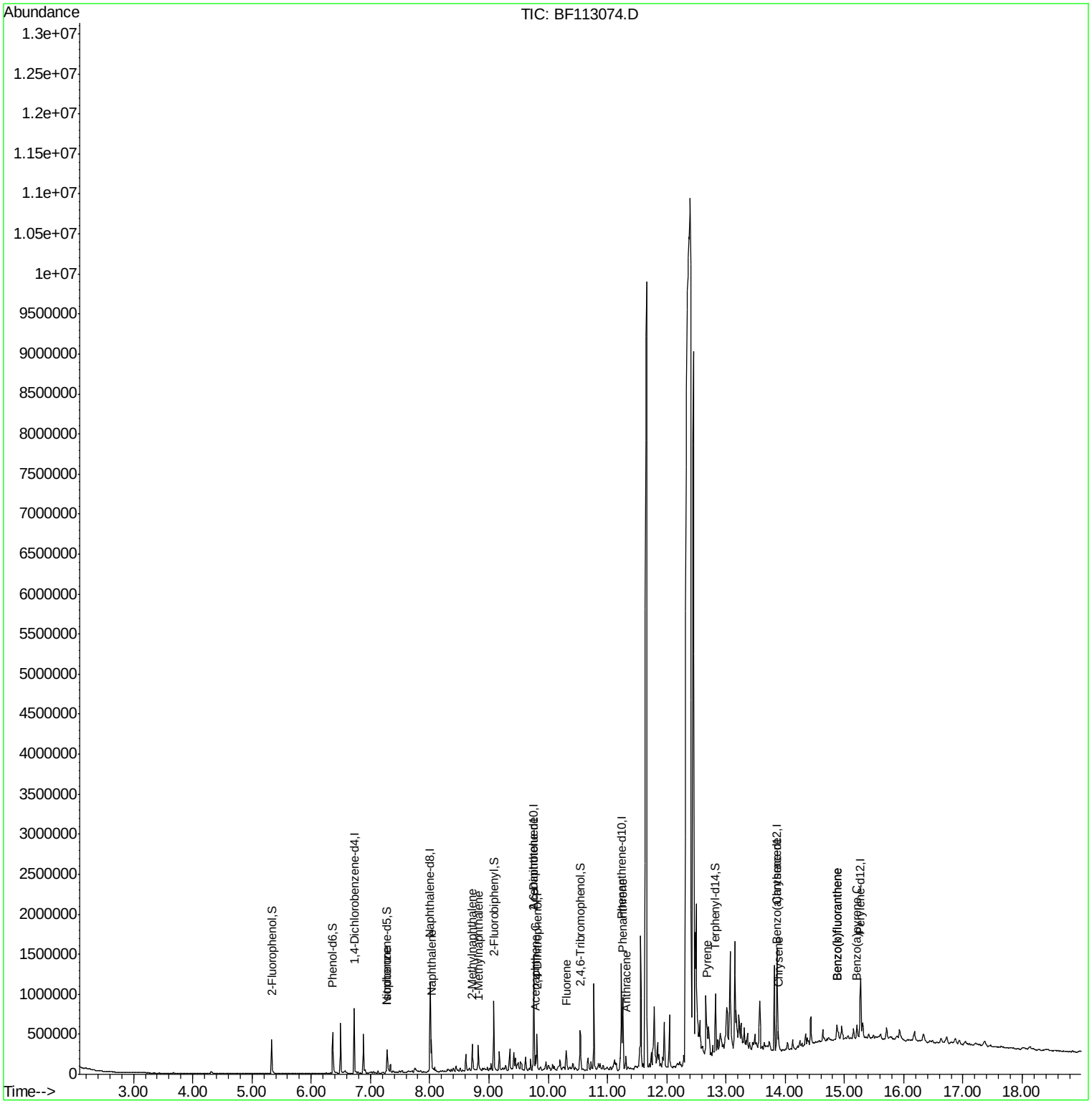
(#) = qualifier out of range (m) = manual integration (+) = signals summed

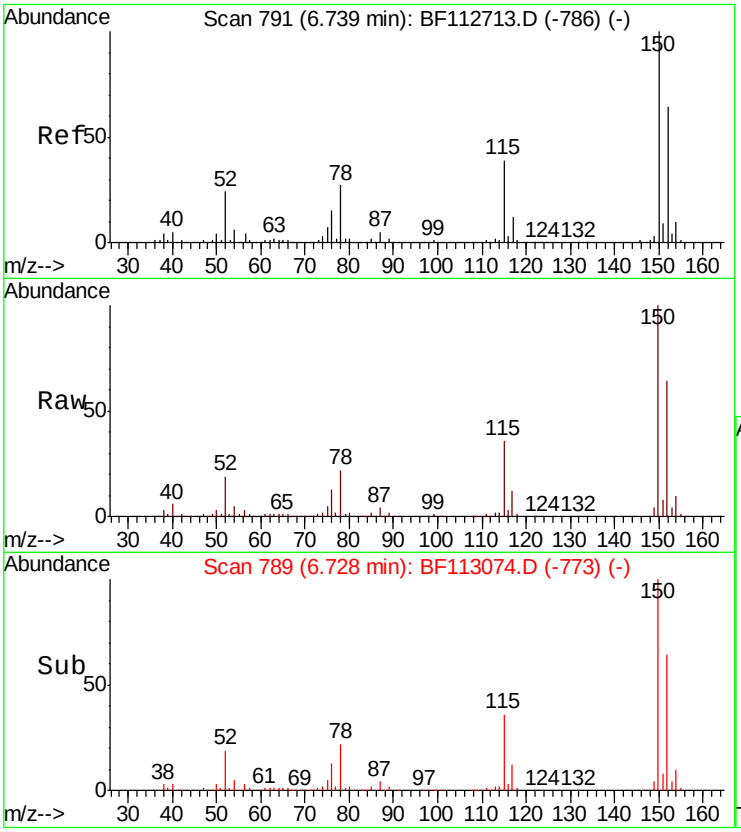
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF031519\
Data File : BF113074.D
Acq On : 15 Mar 2019 19:10
Operator : JU/SJ
Sample : K1698-01 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TR-04-031419

Quant Time: Mar 15 22:55:33 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 13 03:42:55 2019
Response via : Initial Calibration



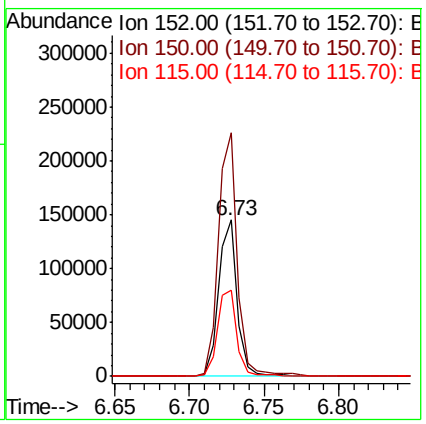


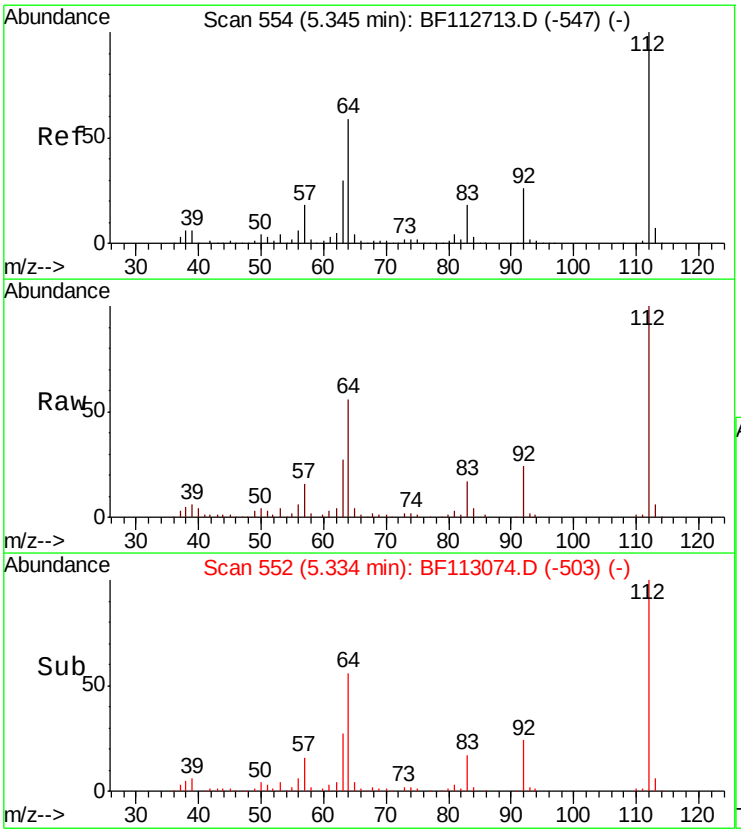
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 789
Delta R.T. -0.01 min
Lab File: BF113074.D
Acq: 15 Mar 2019 19:10

Instrument :
BNA_F
ClientSampleId :
TR-04-031419

Tgt Ion:152 Resp: 127723

Ion	Ratio	Lower	Upper
152	100		
150	155.7	124.2	186.2
115	55.4	48.2	72.4

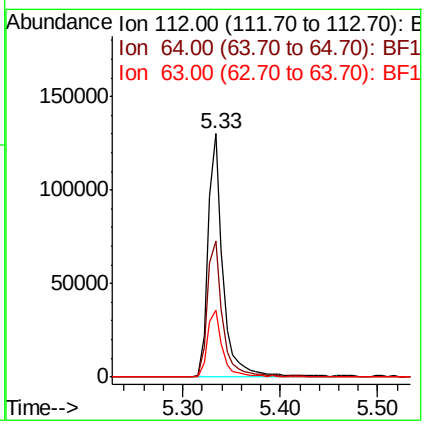


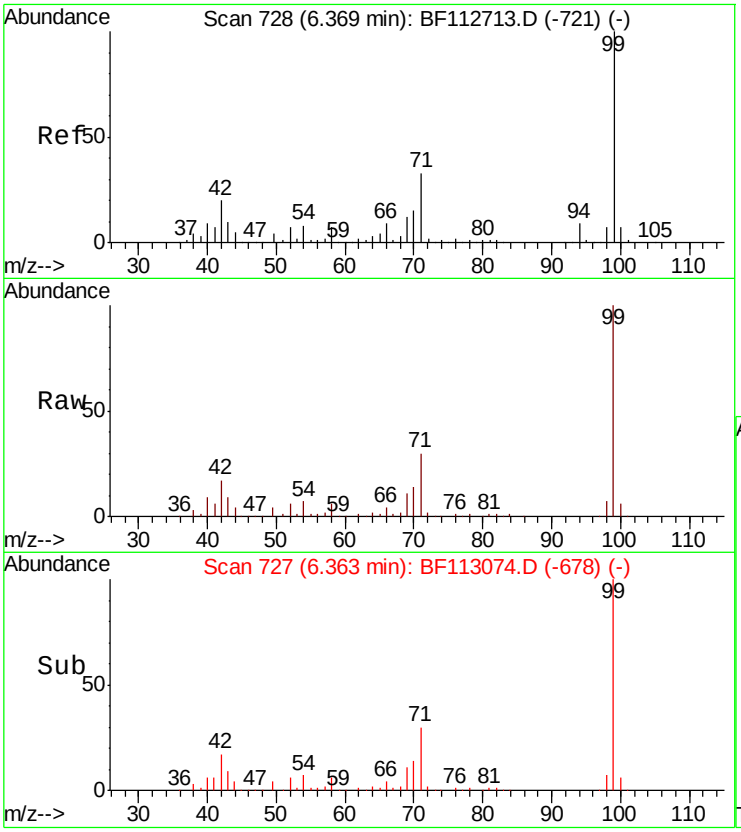


#5
2-Fluorophenol
Concen: 16.812 ng
RT: 5.33 min Scan# 552
Delta R.T. -0.01 min
Lab File: BF113074.D
Acq: 15 Mar 2019 19:10

Tgt Ion:112 Resp: 138043

Ion	Ratio	Lower	Upper
112	100		
64	56.1	47.6	71.4
63	27.4	24.4	36.6



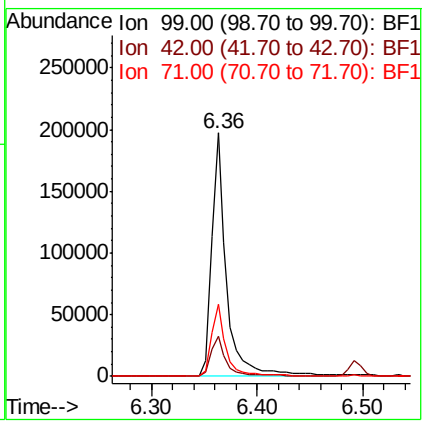


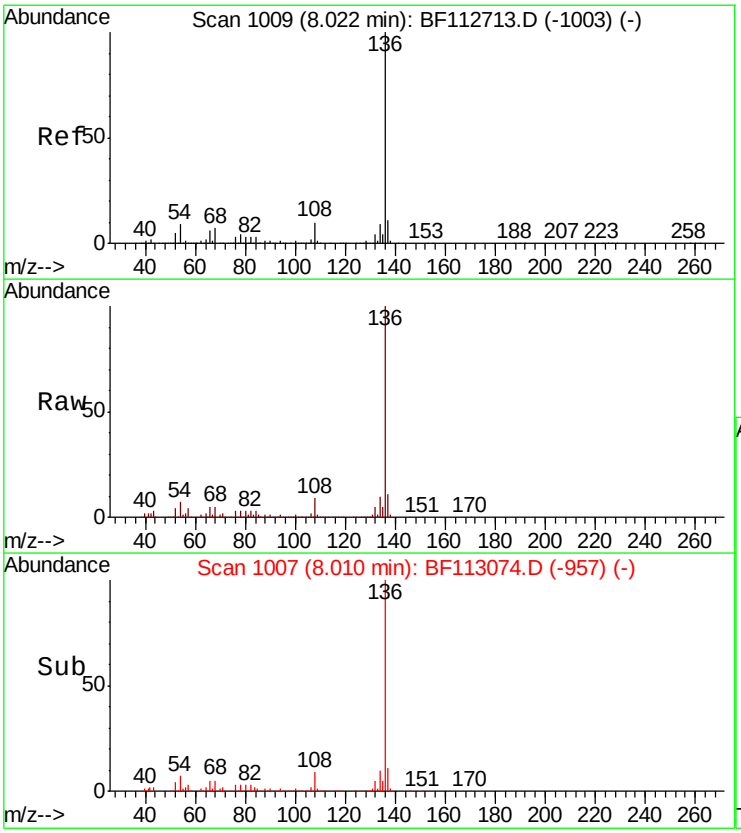
#7
Phenol-d6
Concen: 19.067 ng
RT: 6.36 min Scan# 727
Delta R.T. -0.01 min
Lab File: BF113074.D
Acq: 15 Mar 2019 19:10

Instrument :
BNA_F
ClientSampleId :
TR-04-031419

Tgt Ion: 99 Resp: 196662

Ion	Ratio	Lower	Upper
99	100		
42	16.6	16.3	24.5
71	29.8	26.2	39.4

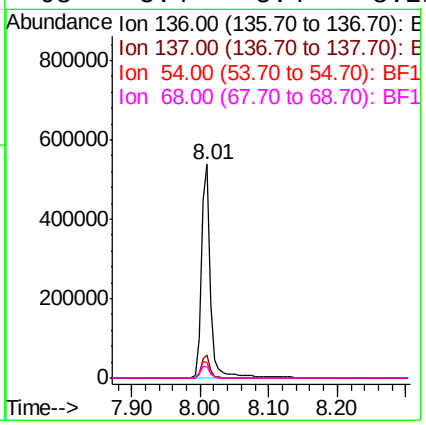


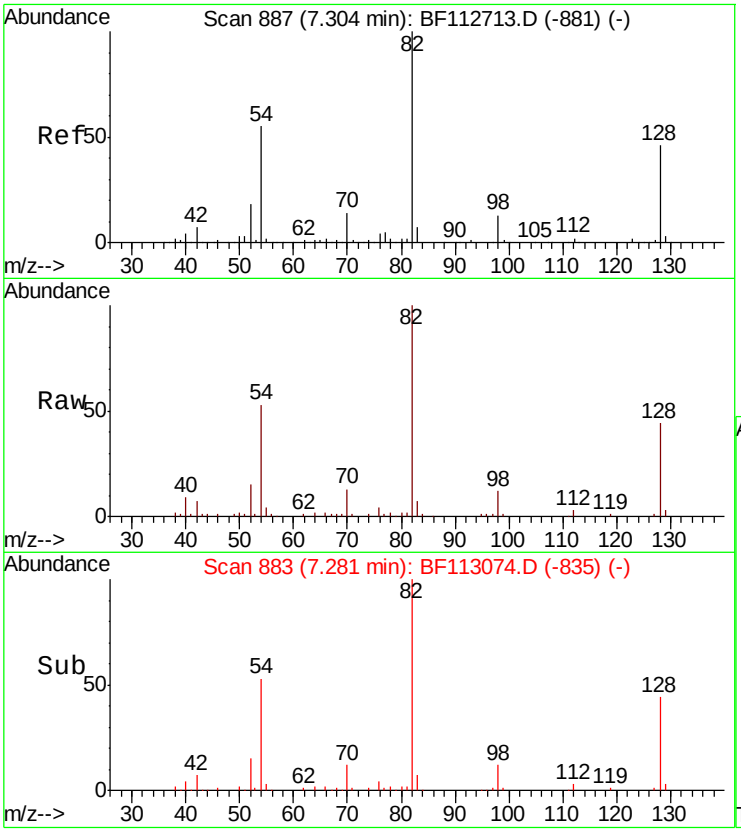


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.01 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BF113074.D
Acq: 15 Mar 2019 19:10

Tgt Ion:136 Resp: 516789

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	7.3	7.3	10.9
68	5.4	5.4	8.2#



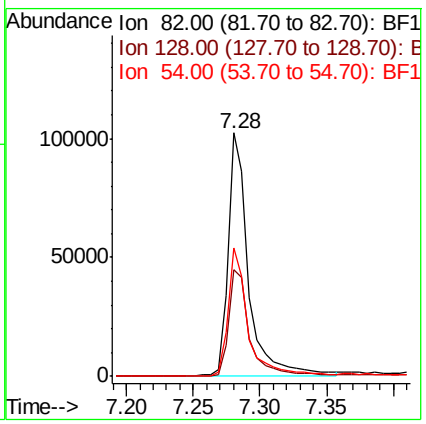


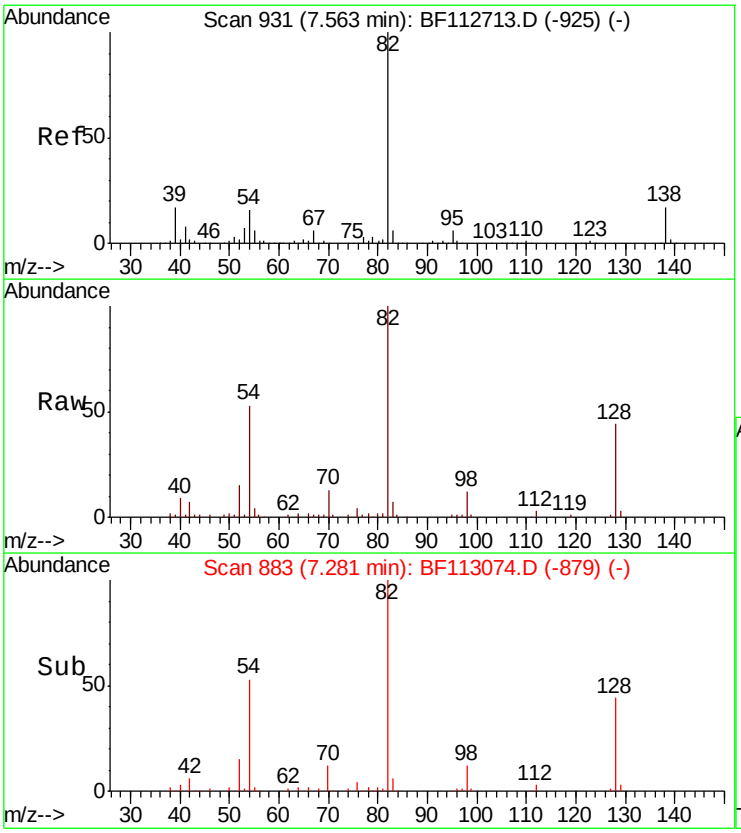
#23
Nitrobenzene-d5
Concen: 12.773 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.02 min
Lab File: BF113074.D
Acq: 15 Mar 2019 19:10

Instrument :
BNA_F
ClientSampleId :
TR-04-031419

Tgt Ion: 82 Resp: 110313

Ion	Ratio	Lower	Upper
82	100		
128	43.6	36.3	54.5
54	52.6	43.7	65.5

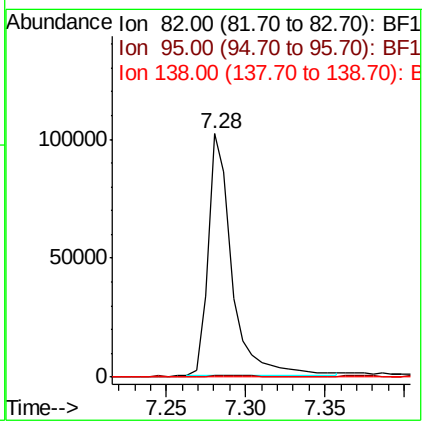


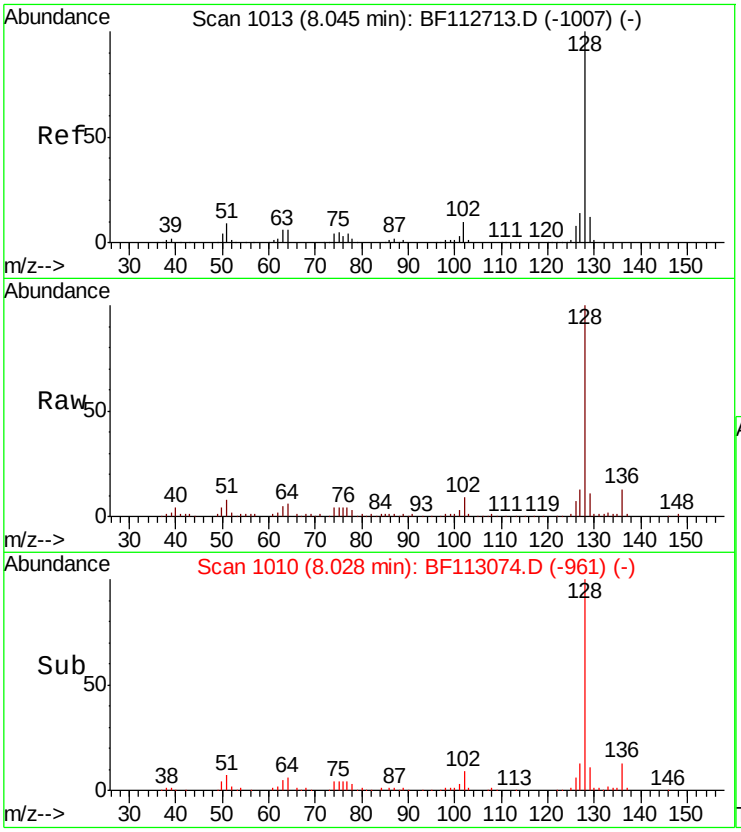


#25
Isophorone
Concen: 5.745 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.28 min
Lab File: BF113074.D
Acq: 15 Mar 2019 19:10

Tgt Ion: 82 Resp: 106895

Ion	Ratio	Lower	Upper
82	100		
95	0.5	5.2	7.8#
138	0.0	13.8	20.8#



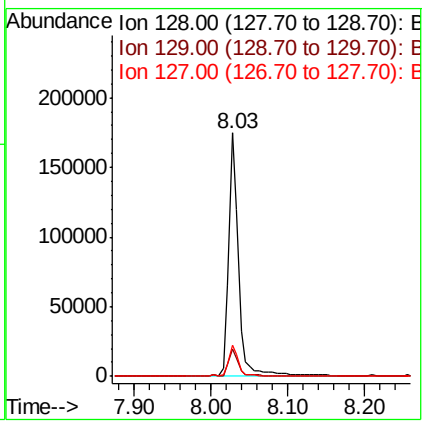


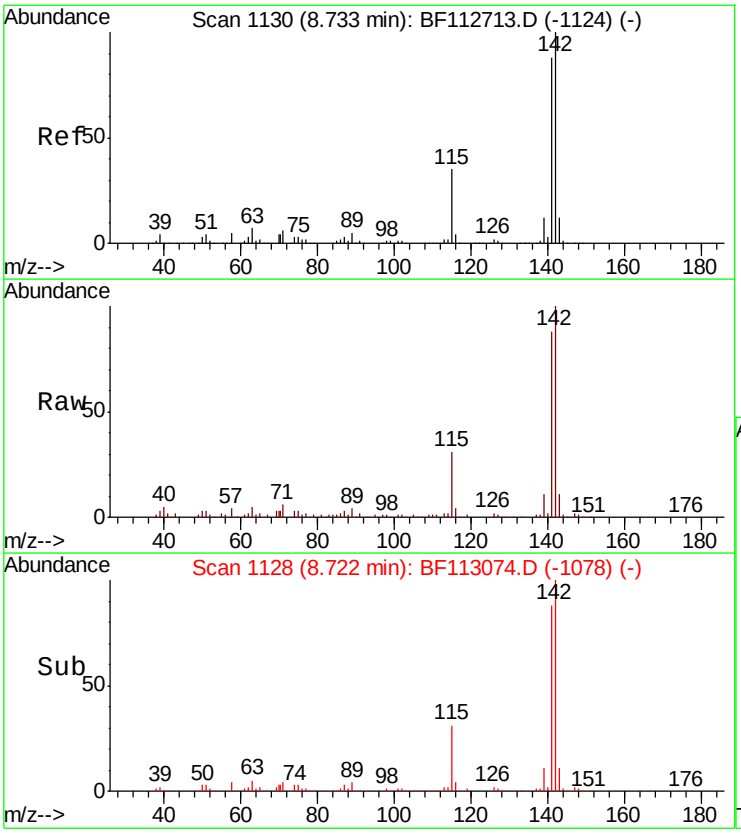
#31
Naphthalene
Concen: 6.220 ng
RT: 8.03 min Scan# 1010
Delta R.T. -0.01 min
Lab File: BF113074.D
Acq: 15 Mar 2019 19:10

Instrument :
BNA_F
ClientSampleId :
TR-04-031419

Tgt Ion:128 Resp: 159589

Ion	Ratio	Lower	Upper
128	100		
129	11.4	9.3	13.9
127	12.9	10.9	16.3

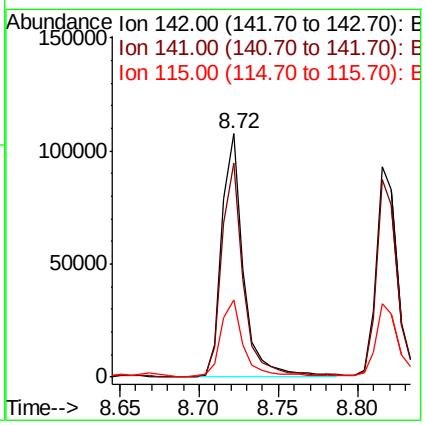


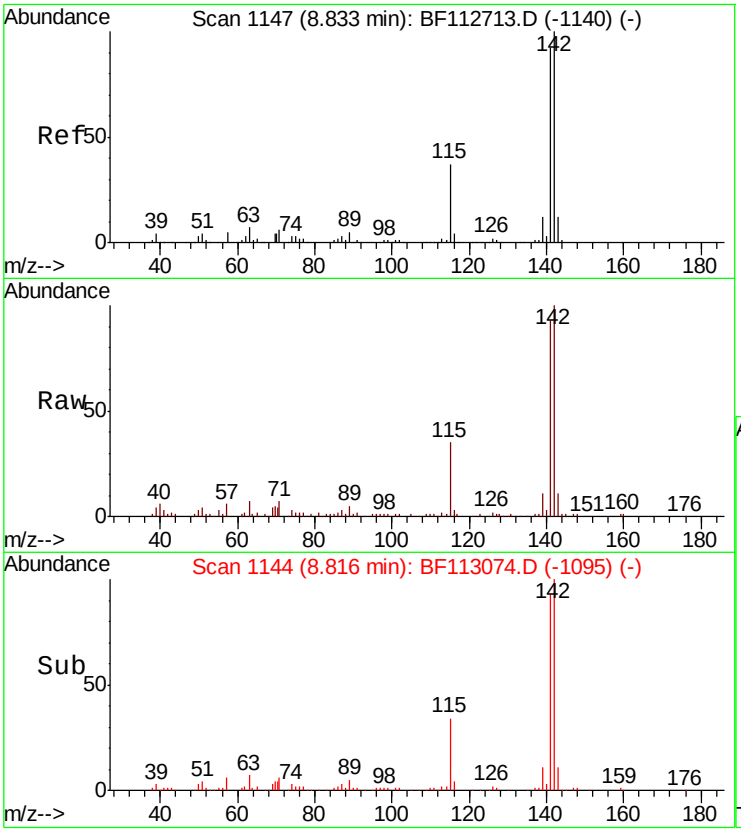


#37
2-Methylnaphthalene
Concen: 6.196 ng
RT: 8.72 min Scan# 1128
Delta R.T. -0.01 min
Lab File: BF113074.D
Acq: 15 Mar 2019 19:10

Tgt Ion:142 Resp: 102670

Ion	Ratio	Lower	Upper
142	100		
141	88.0	70.3	105.5
115	31.5	27.8	41.6



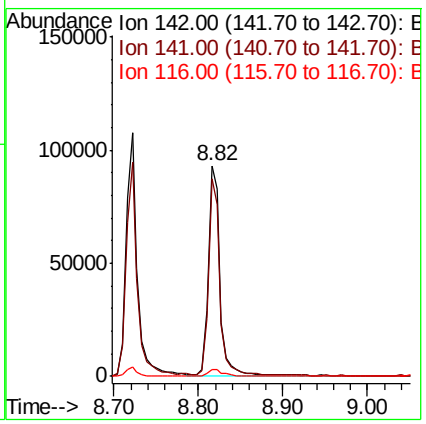


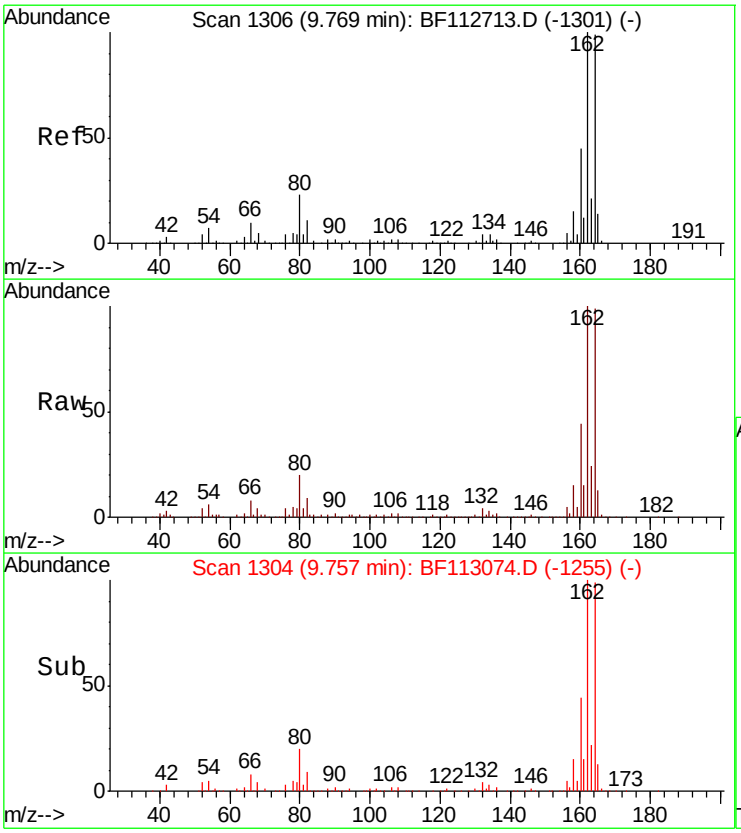
#38
1-Methylnaphthalene
Concen: 5.781 ng
RT: 8.82 min Scan# 1144
Delta R.T. -0.01 min
Lab File: BF113074.D
Acq: 15 Mar 2019 19:10

Instrument :
BNA_F
ClientSampleId :
TR-04-031419

Tgt Ion:142 Resp: 92784

Ion	Ratio	Lower	Upper
142	100		
141	93.4	73.7	110.5
116	3.5	3.1	4.7

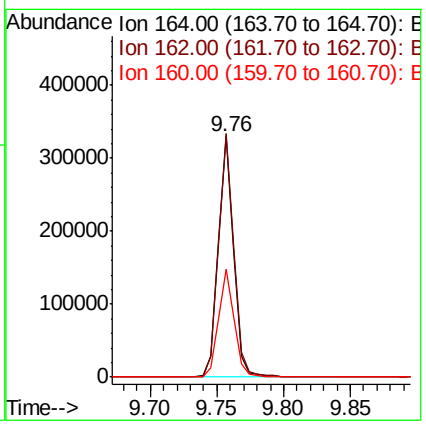


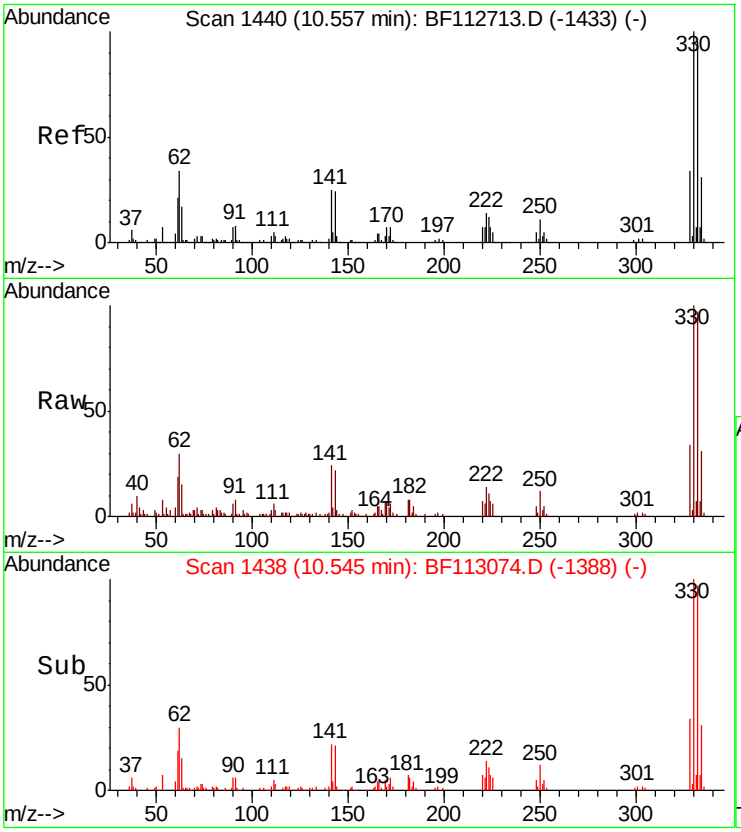


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.76 min Scan# 1304
Delta R.T. -0.01 min
Lab File: BF113074.D
Acq: 15 Mar 2019 19:10

Tgt Ion:164 Resp: 270454

Ion	Ratio	Lower	Upper
164	100		
162	101.1	80.6	120.8
160	44.6	36.0	54.0



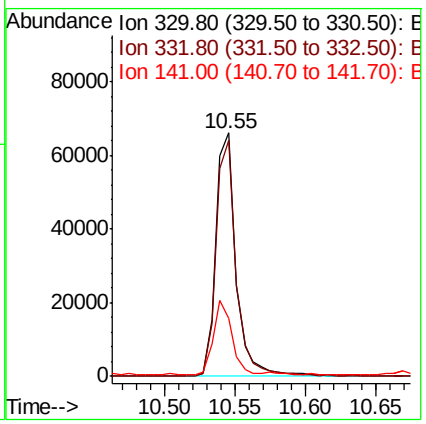


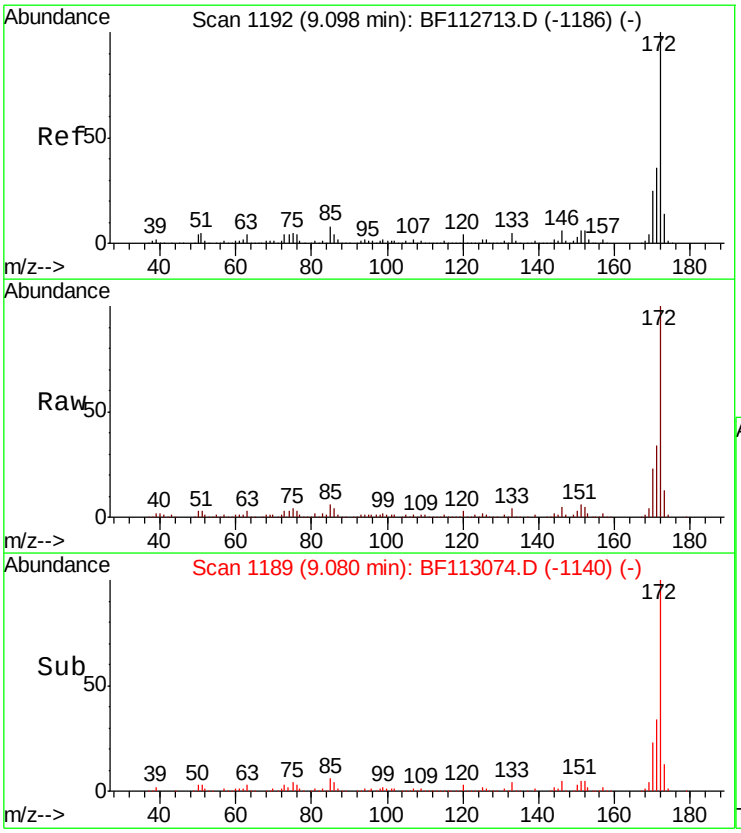
#42
2,4,6-Tribromophenol
Concen: 22.970 ng
RT: 10.55 min Scan# 1438
Delta R.T. -0.01 min
Lab File: BF113074.D
Acq: 15 Mar 2019 19:10

Instrument :
BNA_F
ClientSampleId :
TR-04-031419

Tgt Ion:330 Resp: 65953

Ion	Ratio	Lower	Upper
330	100		
332	96.7	76.2	114.4
141	27.6	27.0	40.6

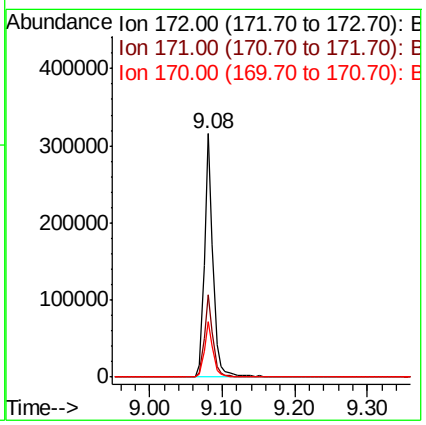


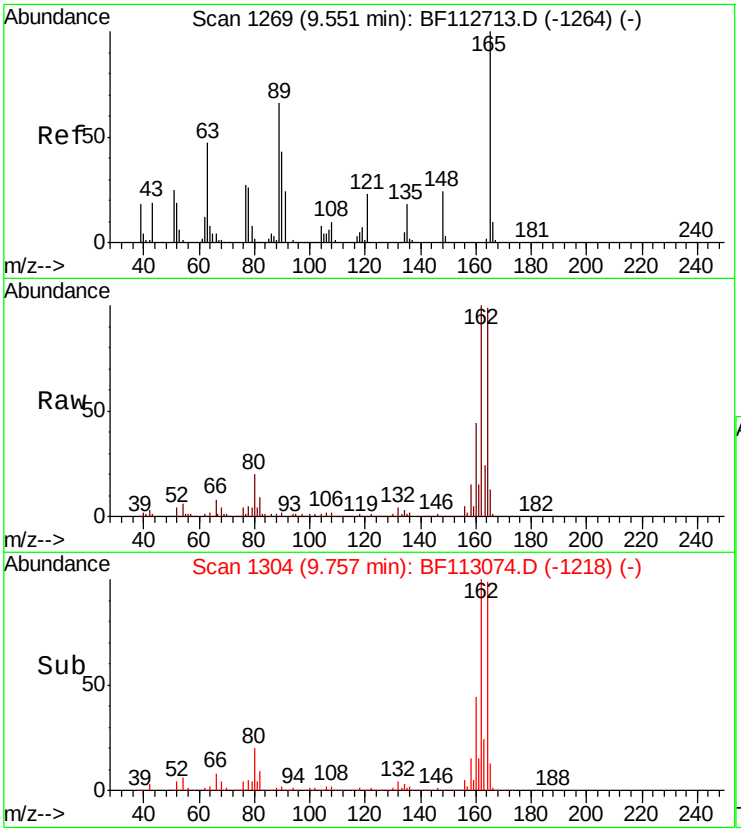


#45
2-Fluorobiphenyl
Concen: 11.926 ng
RT: 9.08 min Scan# 1189
Delta R.T. -0.01 min
Lab File: BF113074.D
Acq: 15 Mar 2019 19:10

Tgt Ion:172 Resp: 261631

Ion	Ratio	Lower	Upper
172	100		
171	33.8	29.0	43.4
170	22.8	20.0	30.0



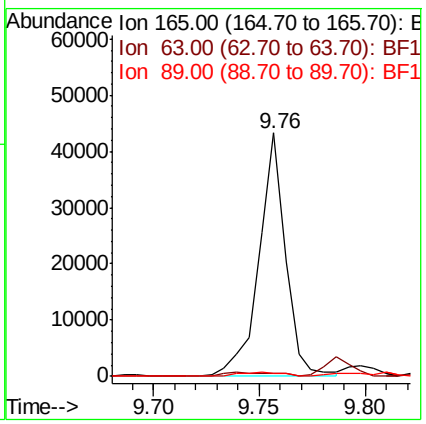


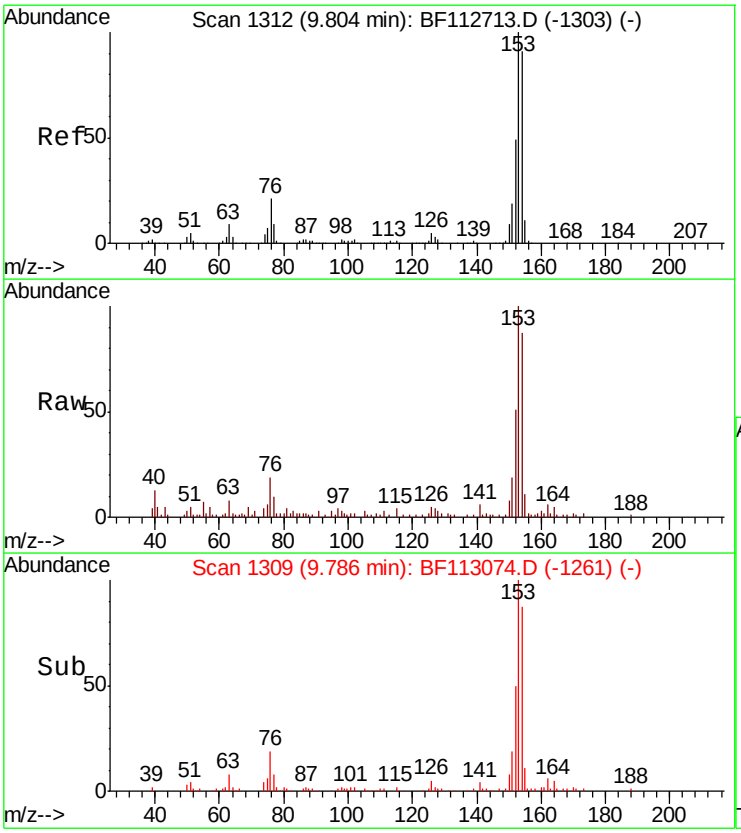
#51
2,6-Dinitrotoluene
Concen: 9.224 ng
RT: 9.76 min Scan# 1304
Delta R.T. 0.21 min
Lab File: BF113074.D
Acq: 15 Mar 2019 19:10

Instrument :
BNA_F
ClientSampleId :
TR-04-031419

Tgt Ion:165 Resp: 38303

Ion	Ratio	Lower	Upper
165	100		
63	1.5	54.1	81.1#
89	1.3	52.8	79.2#

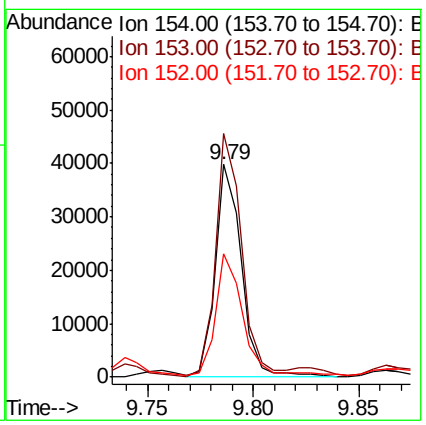


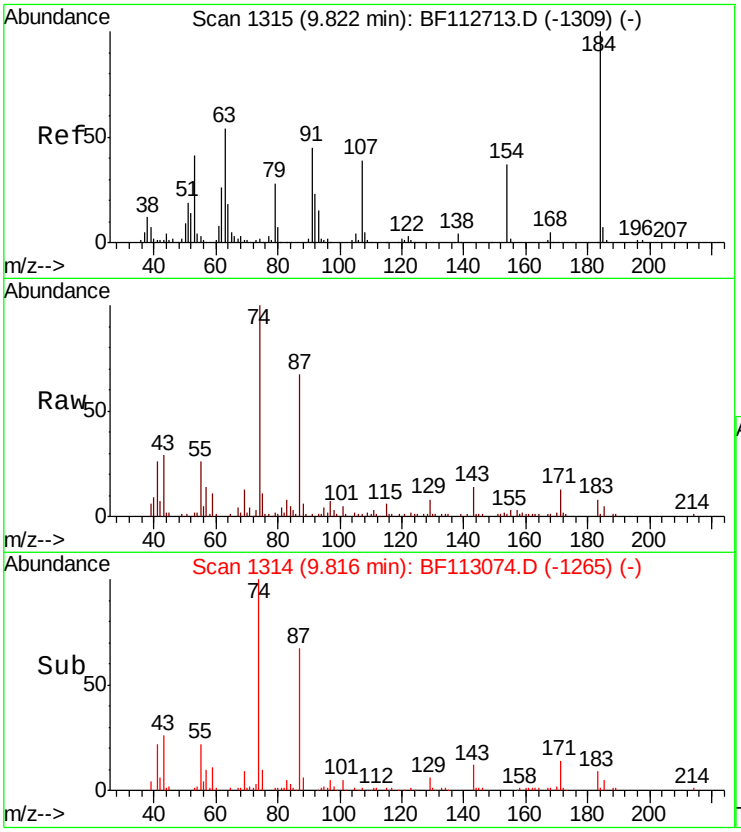


#52
Acenaphthene
Concen: 2.006 ng
RT: 9.79 min Scan# 1309
Delta R.T. -0.02 min
Lab File: BF113074.D
Acq: 15 Mar 2019 19:10

Tgt Ion:154 Resp: 34307

Ion	Ratio	Lower	Upper
154	100		
153	114.7	87.8	131.8
152	58.2	43.0	64.6



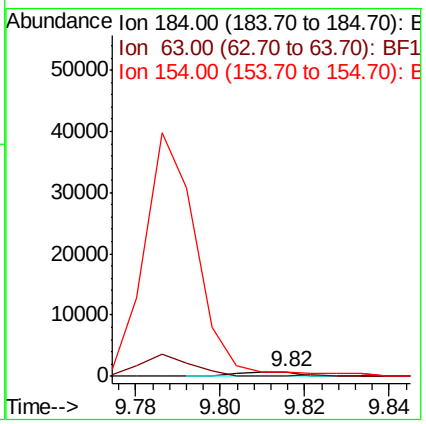


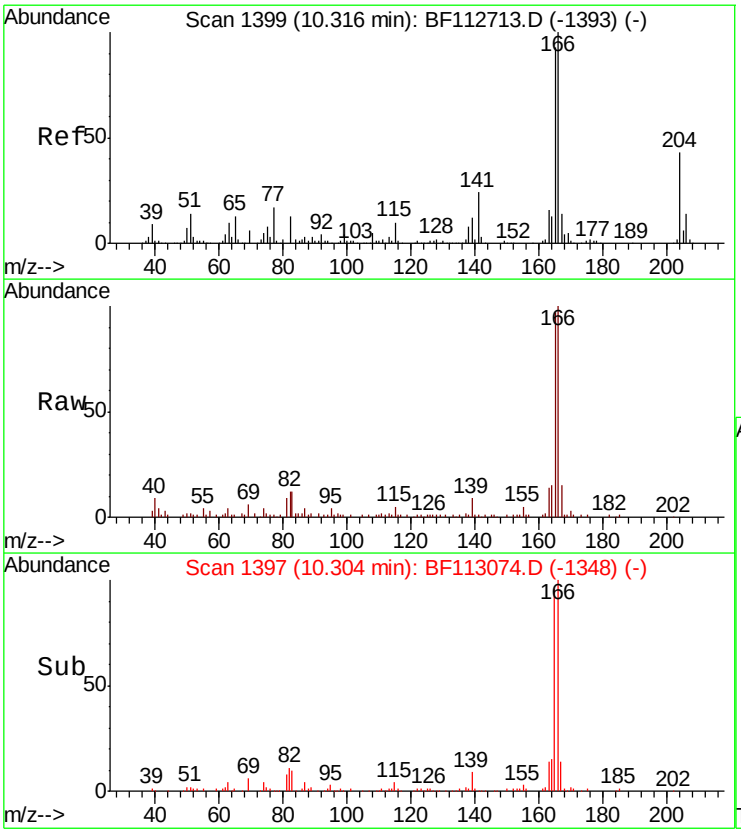
#54
2,4-Dinitrophenol
Concen: 6.820 ng
RT: 9.82 min Scan# 1314
Delta R.T. -0.01 min
Lab File: BF113074.D
Acq: 15 Mar 2019 19:10

Instrument :
BNA_F
ClientSampleId :
TR-04-031419

Tgt Ion:184 Resp: 678

Ion	Ratio	Lower	Upper
184	100		
63	0.0	45.3	67.9#
154	93.6	46.0	69.0#

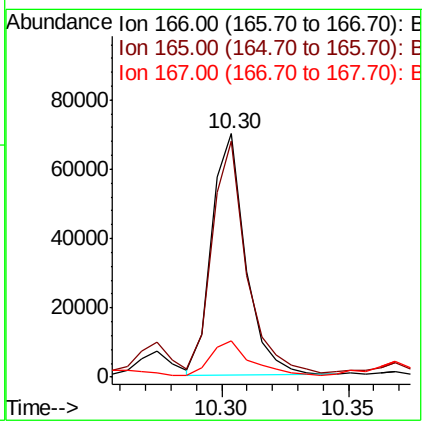


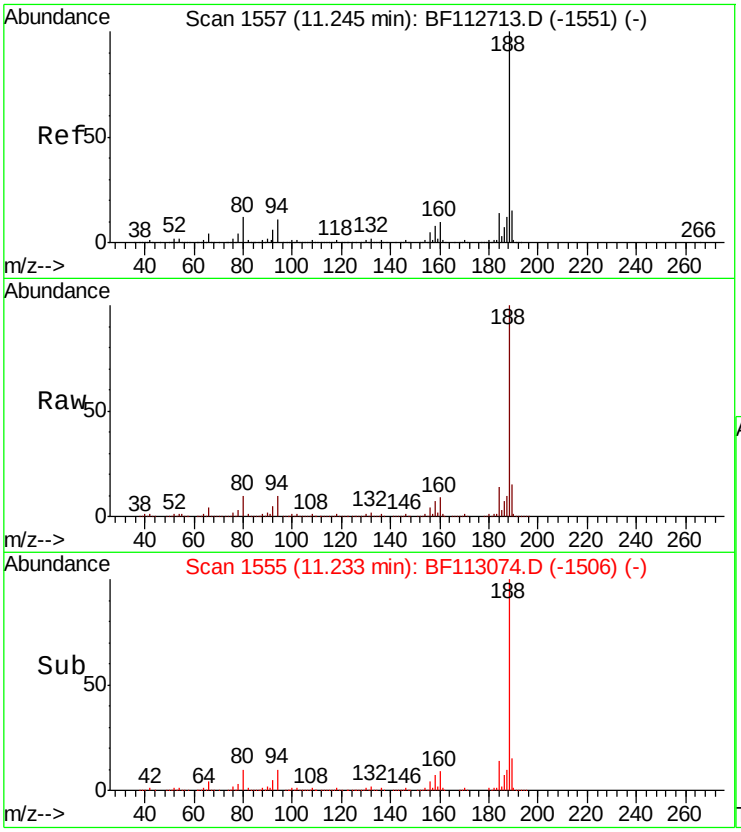


#58
Fluorene
Concen: 3.681 ng
RT: 10.30 min Scan# 1397
Delta R.T. -0.01 min
Lab File: BF113074.D
Acq: 15 Mar 2019 19:10

Tgt Ion:166 Resp: 64933

Ion	Ratio	Lower	Upper
166	100		
165	96.9	74.7	112.1
167	14.8	11.0	16.6



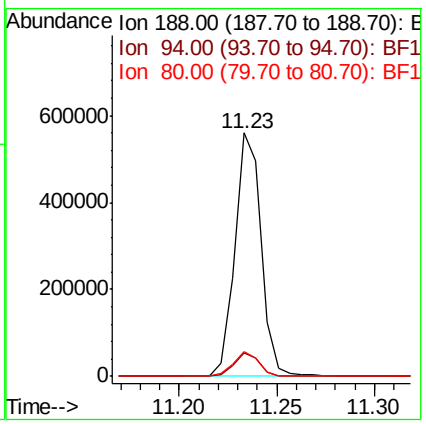


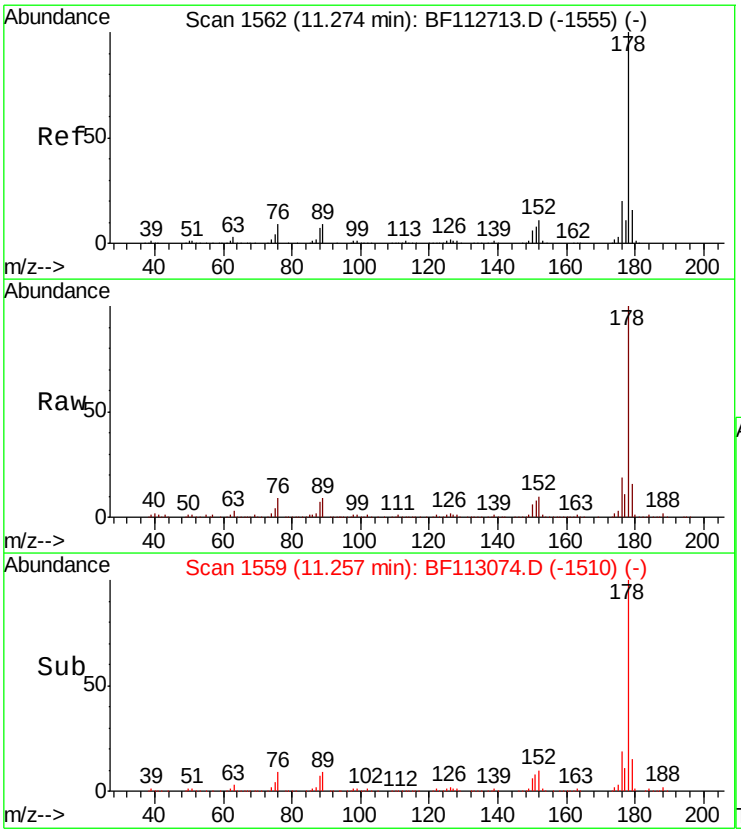
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.23 min Scan# 1555
Delta R.T. -0.01 min
Lab File: BF113074.D
Acq: 15 Mar 2019 19:10

Instrument :
BNA_F
ClientSampleId :
TR-04-031419

Tgt Ion:188 Resp: 521337

Ion	Ratio	Lower	Upper
188	100		
94	9.9	9.0	13.4
80	10.4	9.2	13.8

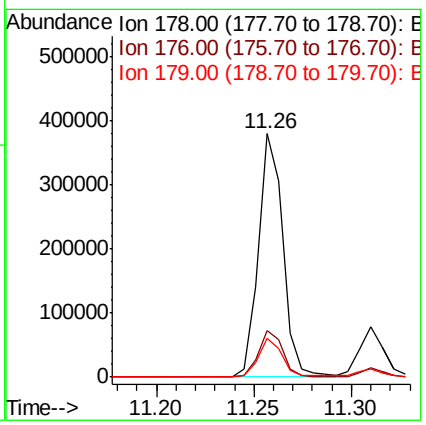


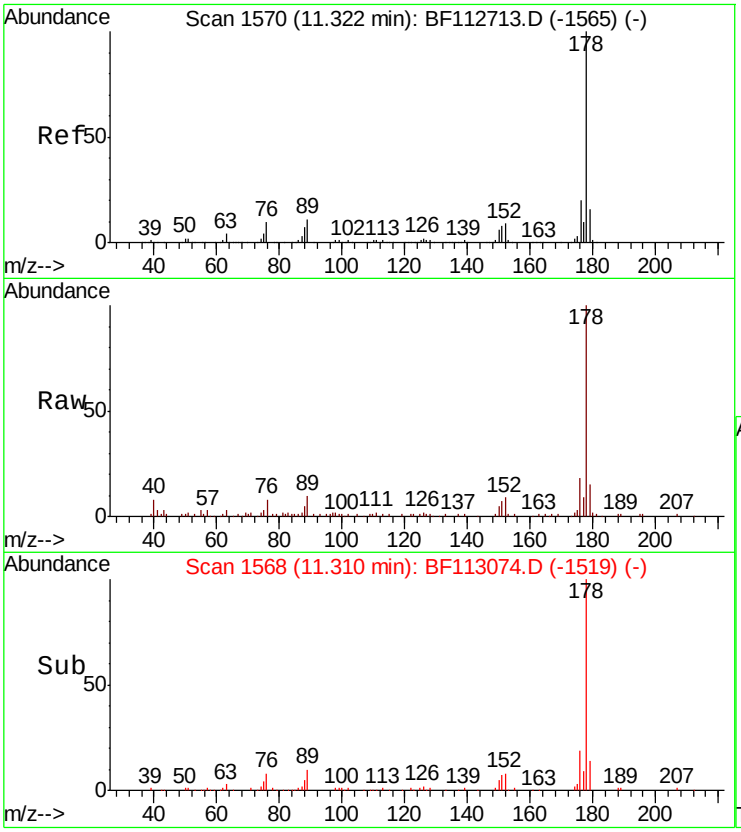


#71
Phenanthrene
Concen: 12.733 ng
RT: 11.26 min Scan# 1559
Delta R.T. -0.01 min
Lab File: BF113074.D
Acq: 15 Mar 2019 19:10

Tgt Ion:178 Resp: 330269

Ion	Ratio	Lower	Upper
178	100		
176	19.3	16.3	24.5
179	15.7	12.7	19.1



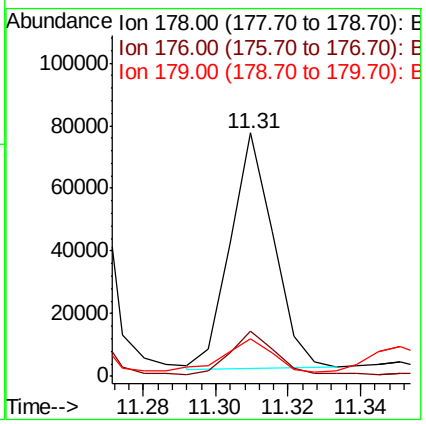


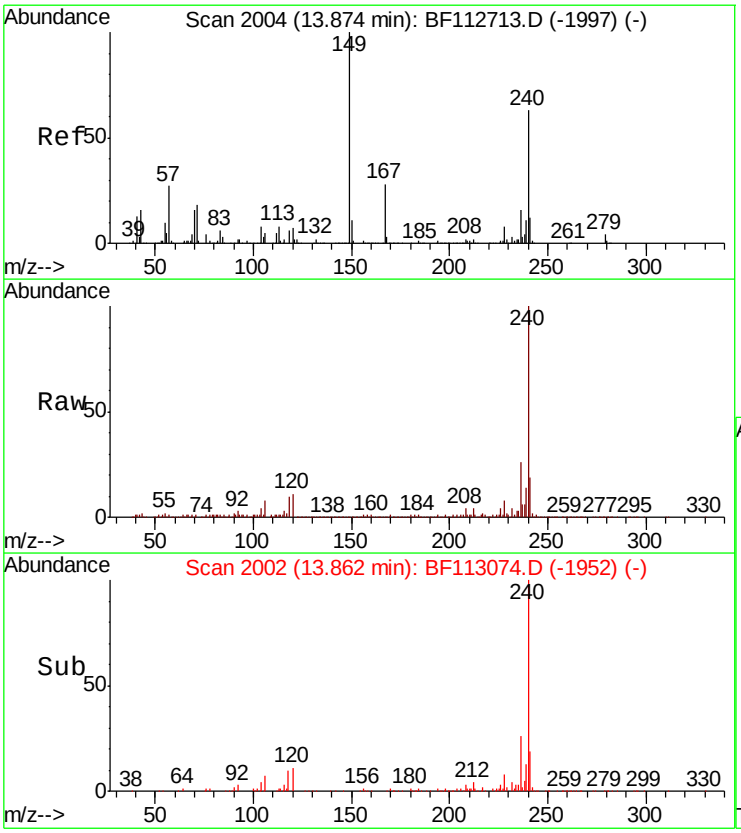
#72
Anthracene
Concen: 2.320 ng
RT: 11.31 min Scan# 1568
Delta R.T. -0.01 min
Lab File: BF113074.D
Acq: 15 Mar 2019 19:10

Instrument :
BNA_F
ClientSampleId :
TR-04-031419

Tgt Ion:178 Resp: 62992

Ion	Ratio	Lower	Upper
178	100		
176	18.5	15.8	23.6
179	15.3	13.0	19.6

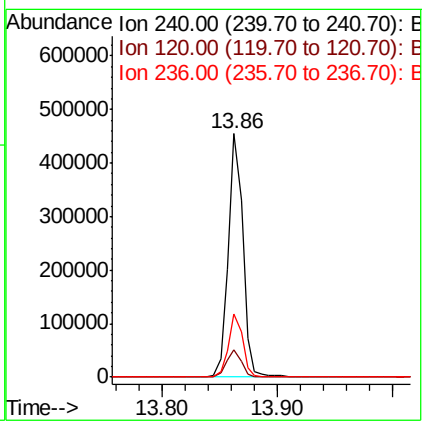


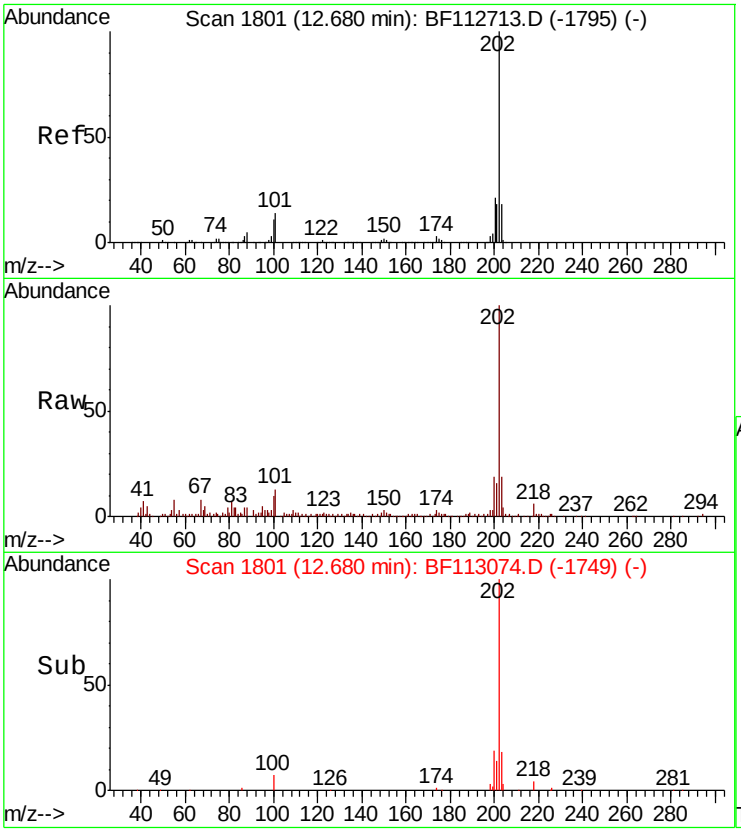


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.86 min Scan# 2002
Delta R.T. -0.01 min
Lab File: BF113074.D
Acq: 15 Mar 2019 19:10

Tgt Ion:240 Resp: 396130

Ion	Ratio	Lower	Upper
240	100		
120	11.4	8.9	13.3
236	26.1	20.7	31.1



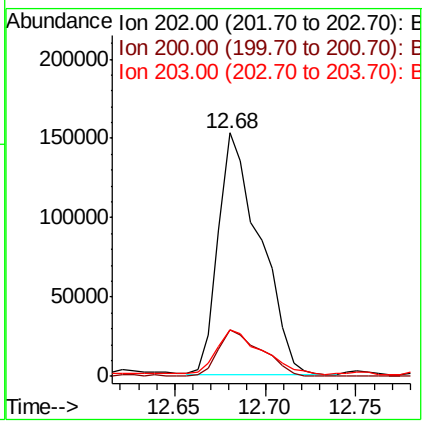


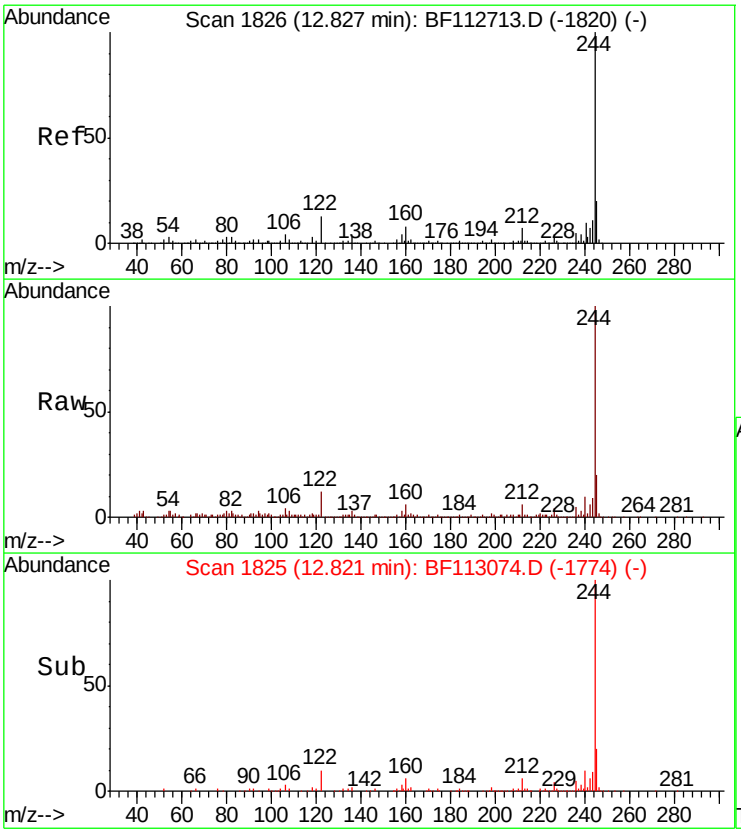
#78
Pyrene
Concen: 7.340 ng
RT: 12.68 min Scan# 1801
Delta R.T. 0.01 min
Lab File: BF113074.D
Acq: 15 Mar 2019 19:10

Instrument :
BNA_F
ClientSampleId :
TR-04-031419

Tgt Ion:202 Resp: 245116

Ion	Ratio	Lower	Upper
202	100		
200	19.3	17.0	25.4
203	19.0	14.4	21.6

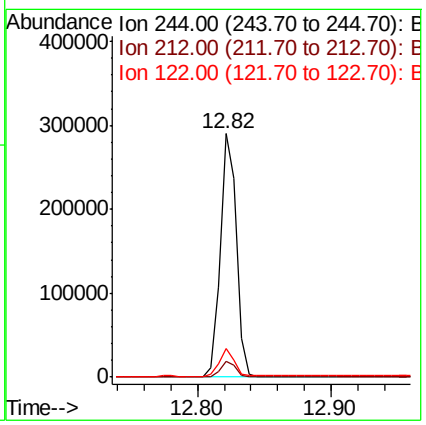


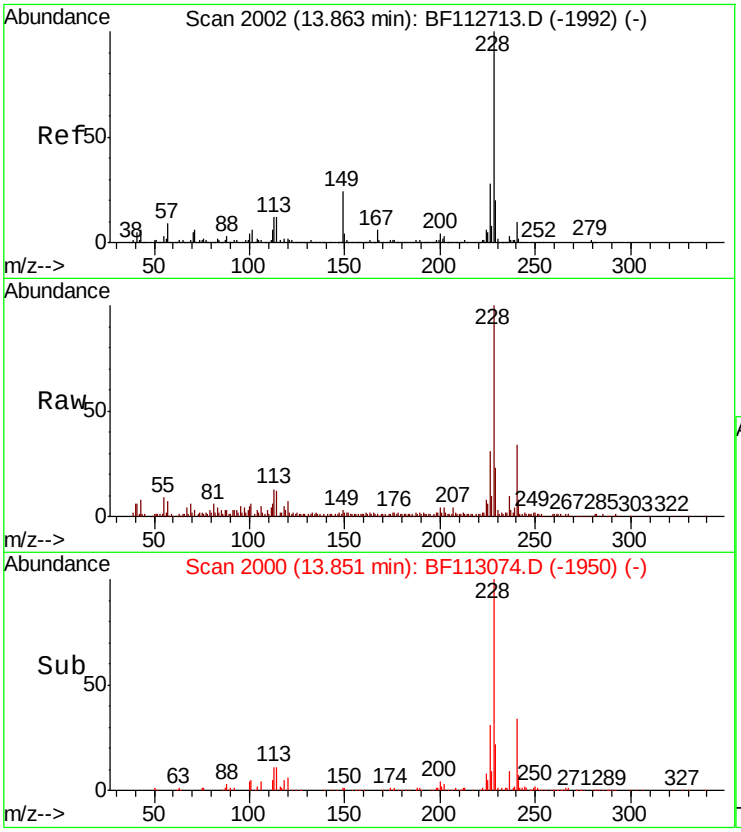


#79
Terphenyl-d14
Concen: 12.112 ng
RT: 12.82 min Scan# 1825
Delta R.T. -0.00 min
Lab File: BF113074.D
Acq: 15 Mar 2019 19:10

Tgt Ion:244 Resp: 247505

Ion	Ratio	Lower	Upper
244	100		
212	6.5	5.6	8.4
122	11.8	10.5	15.7



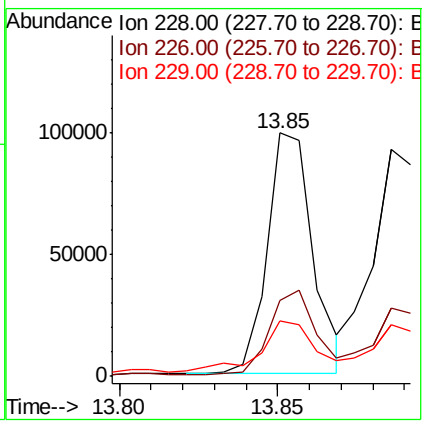


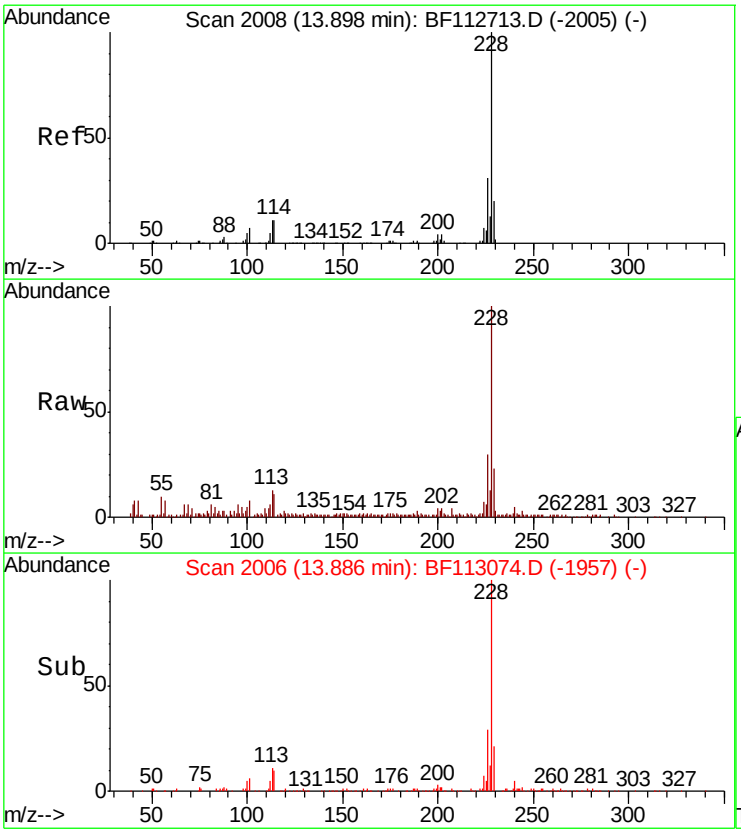
#81
Benzo(a)anthracene
Concen: 3.607 ng
RT: 13.85 min Scan# 2000
Delta R.T. -0.01 min
Lab File: BF113074.D
Acq: 15 Mar 2019 19:10

Instrument :
BNA_F
ClientSampleId :
TR-04-031419

Tgt Ion:228 Resp: 99039

Ion	Ratio	Lower	Upper
228	100		
226	31.2	22.2	33.4
229	22.7	16.0	24.0

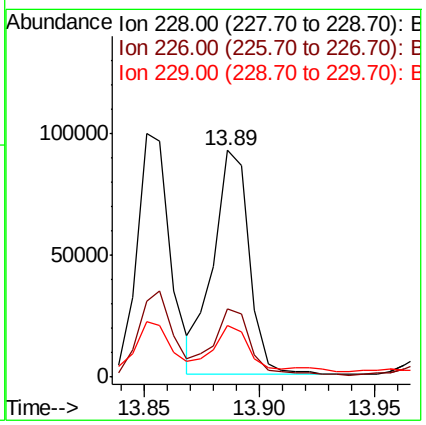


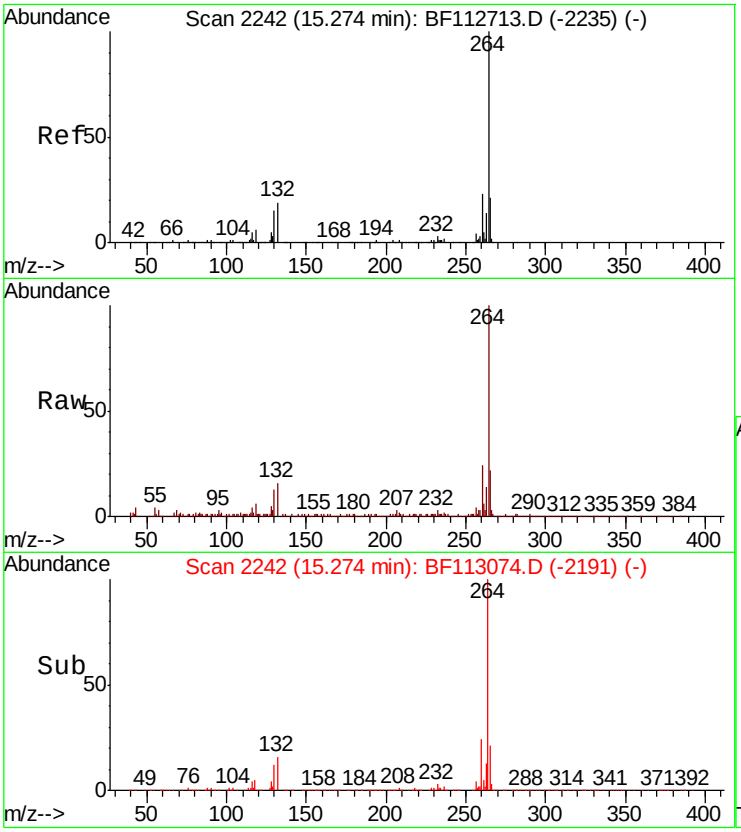


#83
Chrysene
Concen: 3.707 ng
RT: 13.89 min Scan# 2006
Delta R.T. -0.01 min
Lab File: BF113074.D
Acq: 15 Mar 2019 19:10

Tgt Ion:228 Resp: 99702

Ion	Ratio	Lower	Upper
228	100		
226	30.0	24.9	37.3
229	22.9	16.3	24.5



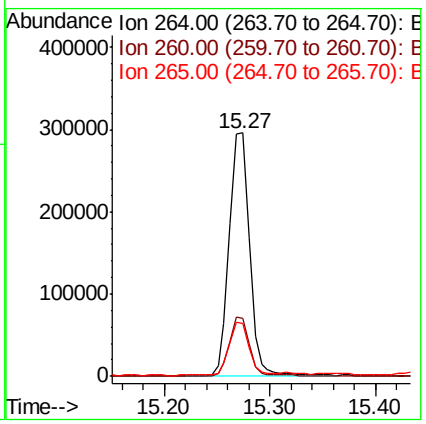


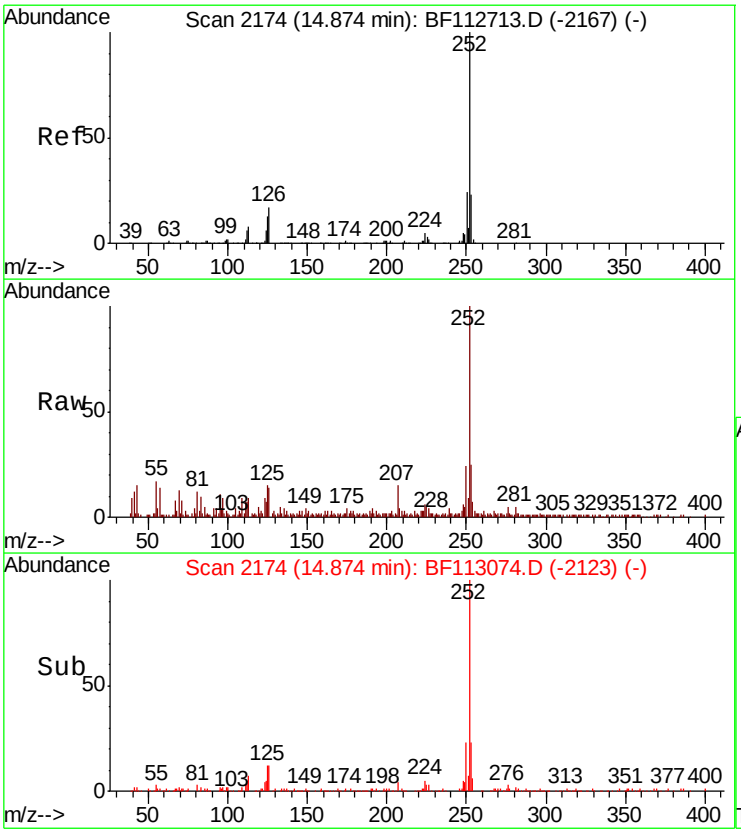
#87
Perylene-d12
Concen: 20.000 ng
RT: 15.27 min Scan# 2242
Delta R.T. -0.00 min
Lab File: BF113074.D
Acq: 15 Mar 2019 19:10

Instrument :
BNA_F
ClientSampleId :
TR-04-031419

Tgt Ion:264 Resp: 392787

Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.7	28.1
265	21.9	17.2	25.8

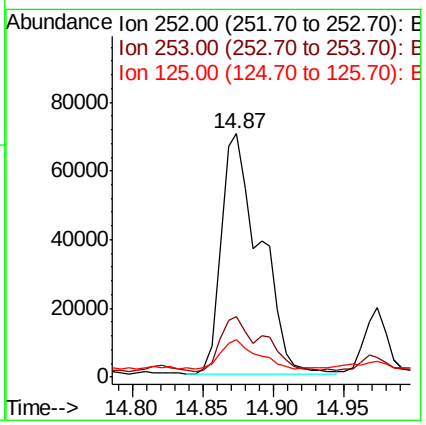


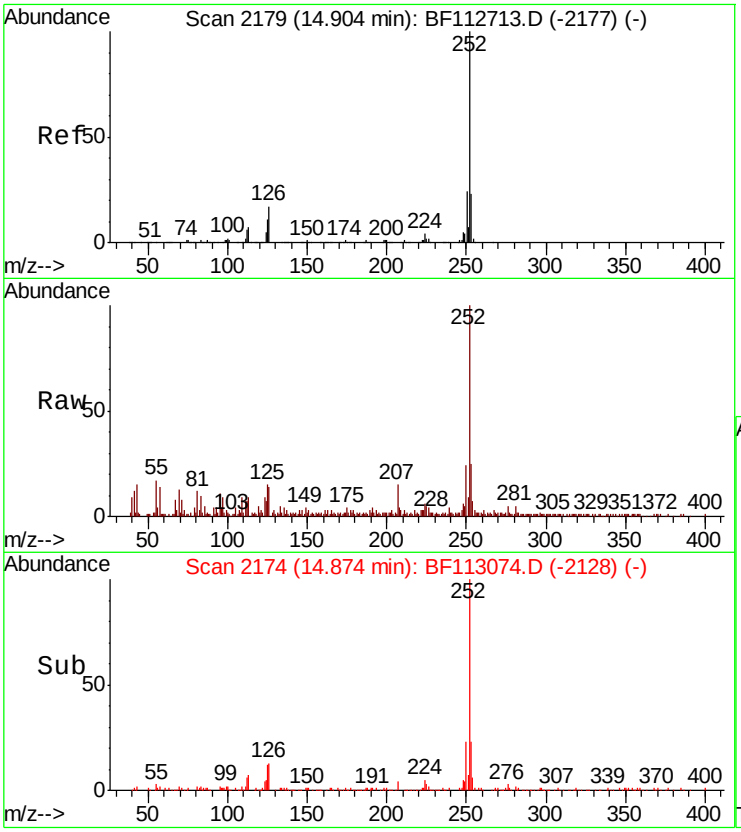


#88
Benzo(b)fluoranthene
Concen: 5.265 ng
RT: 14.87 min Scan# 2174
Delta R.T. -0.00 min
Lab File: BF113074.D
Acq: 15 Mar 2019 19:10

Tgt Ion:252 Resp: 133763

Ion	Ratio	Lower	Upper
252	100		
253	24.9	18.0	27.0
125	15.2	10.2	15.2



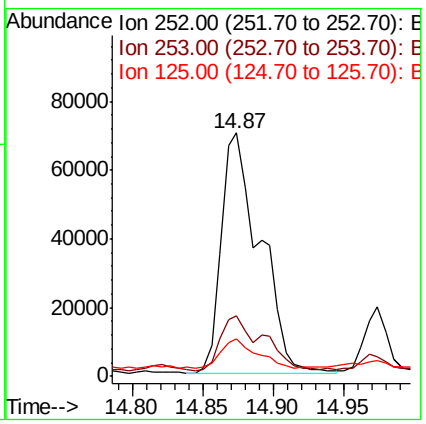


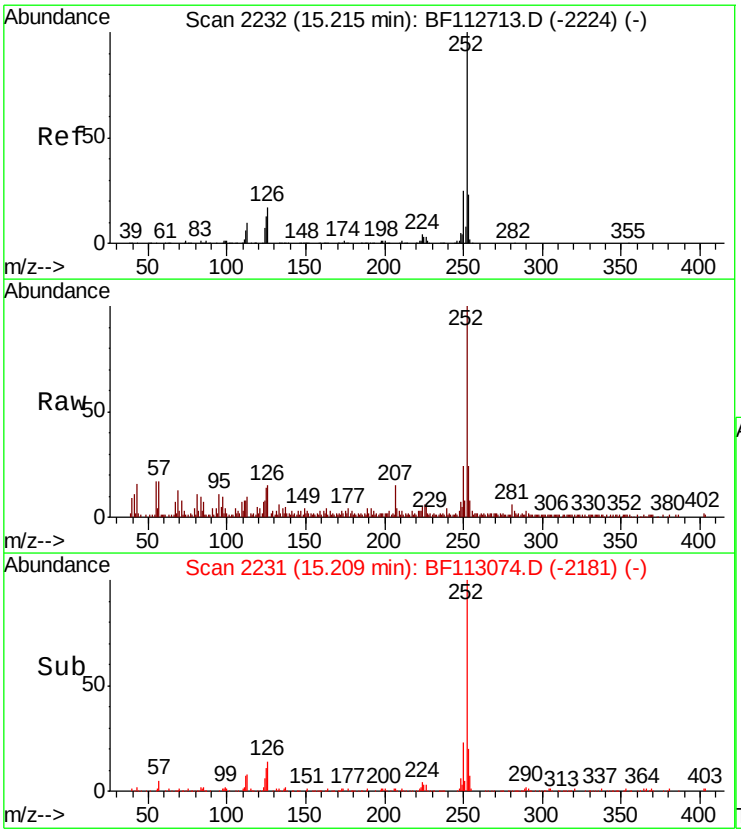
#89
Benzo(k)fluoranthene
Concen: 5.812 ng
RT: 14.87 min Scan# 2174
Delta R.T. -0.03 min
Lab File: BF113074.D
Acq: 15 Mar 2019 19:10

Instrument :
BNA_F
ClientSampleId :
TR-04-031419

Tgt Ion:252 Resp: 133763

Ion	Ratio	Lower	Upper
252	100		
253	24.9	18.2	27.2
125	15.2	9.8	14.6#





#90
Benzo(a)pyrene
Concen: 3.681 ng
RT: 15.21 min Scan# 2231
Delta R.T. -0.01 min
Lab File: BF113074.D
Acq: 15 Mar 2019 19:10

Tgt Ion:252 Resp: 82730

Ion	Ratio	Lower	Upper
252	100		
253	23.6	18.0	27.0
125	13.8	10.7	16.1