Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010819\
Data File : BF111934.D
Acq On : 9 Jan 2019 4:29
Operator : JU/SJ
Sample : K1010-01DL 10X
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Jan 09 05:23:41 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF010719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 07 14:33:51 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	108899	20.00	ng		0.00
21) Naphthalene-d8	8.17	136	407904	20.00	ng		0.00
39) Acenaphthene-d10	9.93	164	196767	20.00	ng		0.00
64) Phenanthrene-d10	11.41	188	394868	20.00	ng		0.00
76) Chrysene-d12	14.06	240	242793	20.00	ng		0.00
87) Perylene-d12	15.54	264	231009	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.52	112	61752	9.70	ng		0.00
7) Phenol-d6	6.52	99	77247	9.42	ng		-0.01
23) Nitrobenzene-d5	7.44	82	38622	5.06	ng		-0.02
42) 2,4,6-Tribromophenol	10.72	330	19770	7.72	ng		0.00
45) 2-Fluorobiphenyl	9.24	172	80338	5.95	ng		-0.01
79) Terphenyl-d14	12.99	244	83871	6.56	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.66	77	1377	Below Cal			92
25) Isophorone	7.44	82	38622	3.125	ng	#	65
51) 2,6-Dinitrotoluene	9.92	165	25607	7.747	ng	#	25
56) 4-Nitrophenol	10.13	139	5137	2.054	ng	#	5
57) 2,4-Dinitrotoluene	9.92	165	25607	5.995	ng	#	26
58) Fluorene	10.47	166	27949	2.145	ng		95
71) Phenanthrene	11.43	178	290542	13.762	ng		99
72) Anthracene	11.49	178	85228	3.977	ng		97
75) Fluoranthene	12.63	202	661786	30.535	ng		99
78) Pyrene	12.86	202	558874	33.454	ng		99
81) Benzo(a)anthracene	14.04	228	202096	14.463	ng		99
83) Chrysene	14.08	228	168364	12.637	ng		97
86) Indeno(1,2,3-cd)pyrene	17.04	276	66410	6.837	ng		97
88) Benzo(b)fluoranthene	15.10	252	311832	22.566	ng		97
89) Benzo(k)fluoranthene	15.10	252	311832	24.006	ng		99
90) Benzo(a)pyrene	15.47	252	170558	14.037	ng	#	95
92) Benzo(g,h,i)perylene	17.49	276	58181	6.087	ng		98

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010819\
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Misc :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 07 14:33:51 2019
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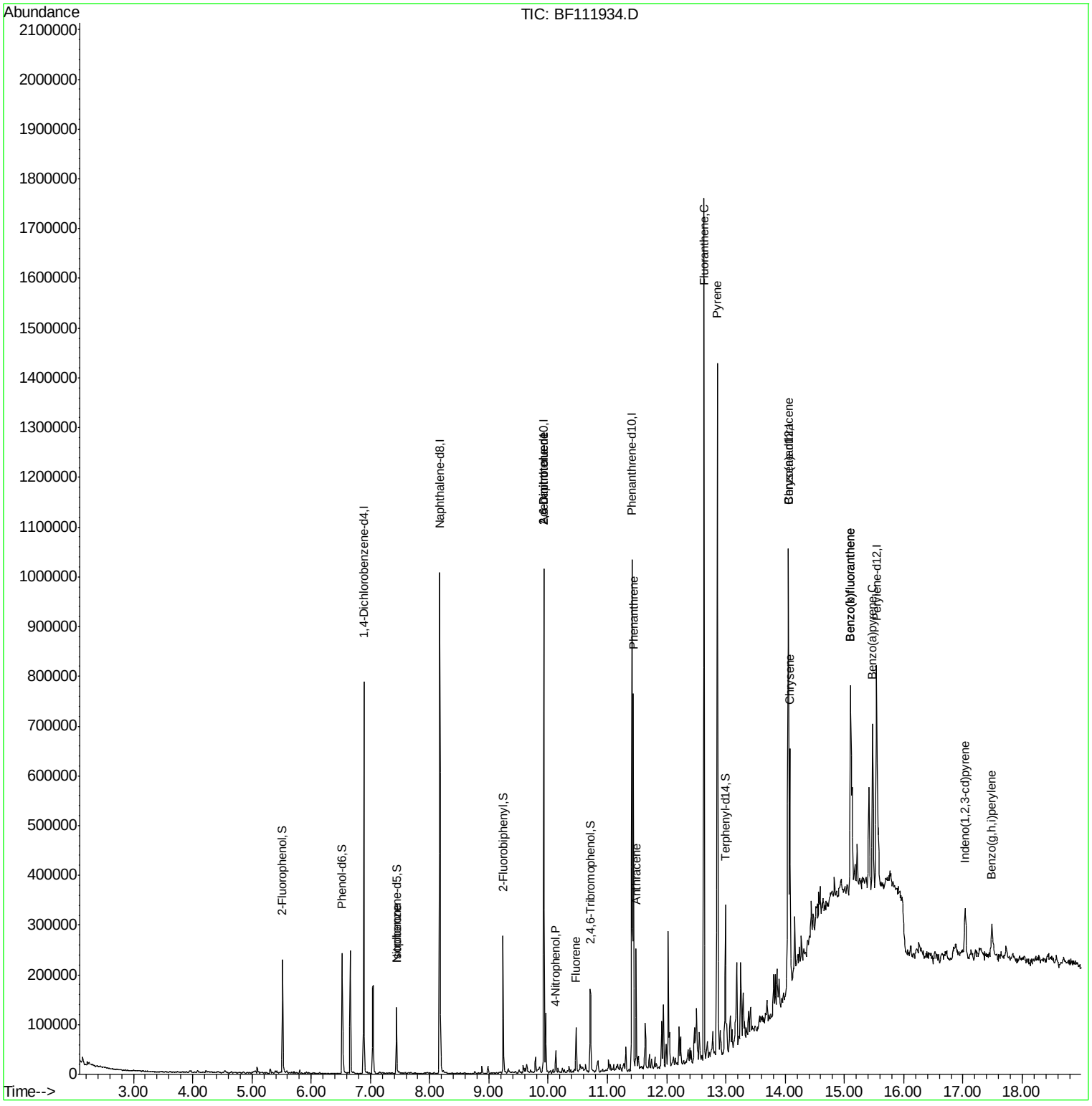
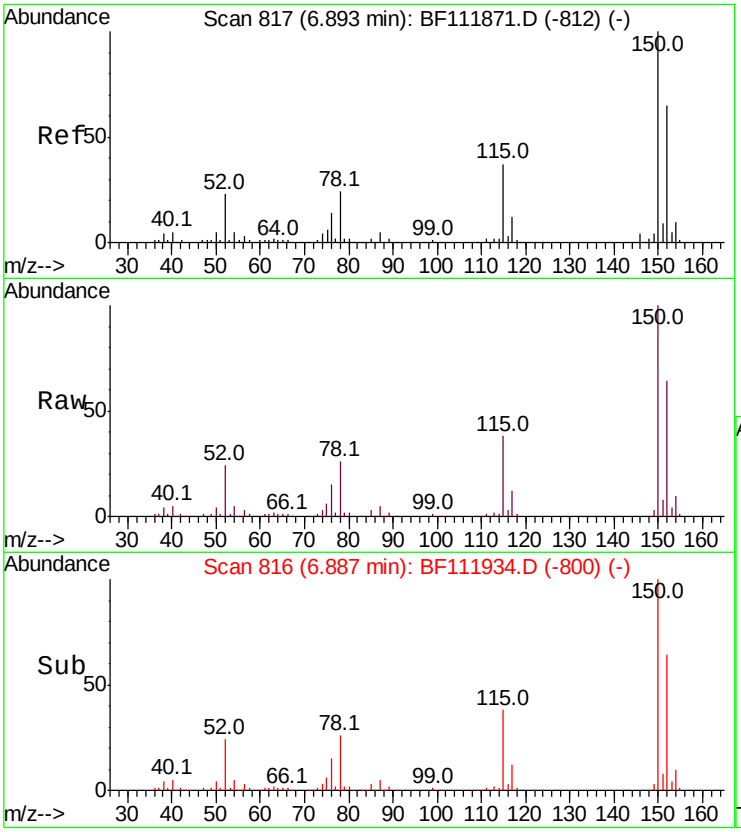


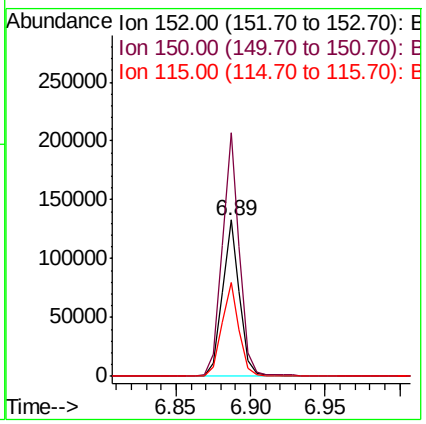


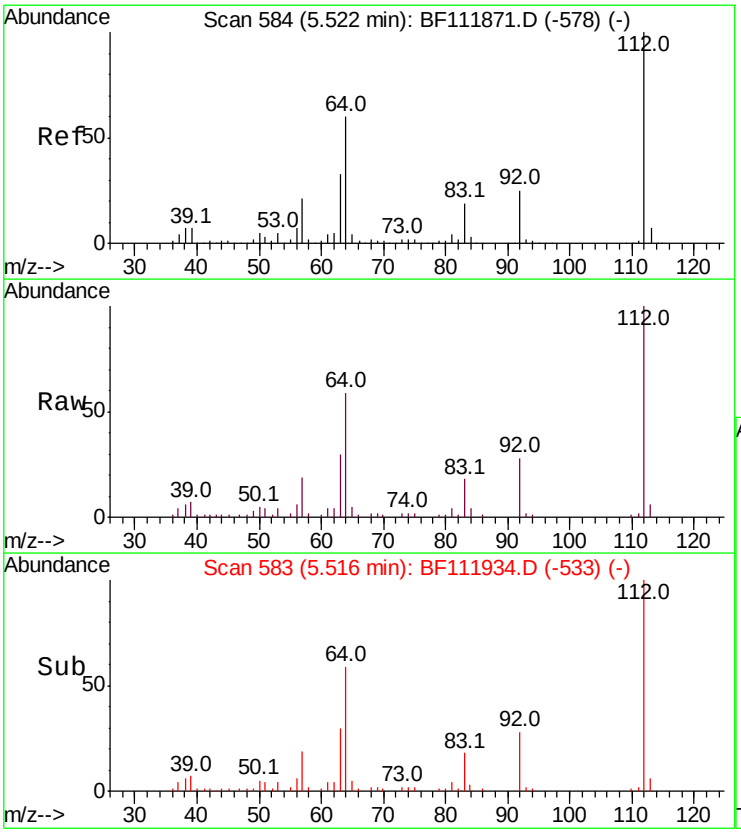
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 816
Delta R.T. -0.01 min
Lab File: BF111934.D
Acq: 9 Jan 2019 4:29

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 108899

Ion	Ratio	Lower	Upper
152	100		
150	156.1	122.7	184.1
115	60.0	45.2	67.8

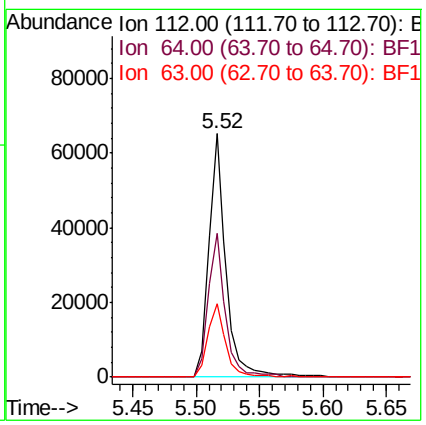


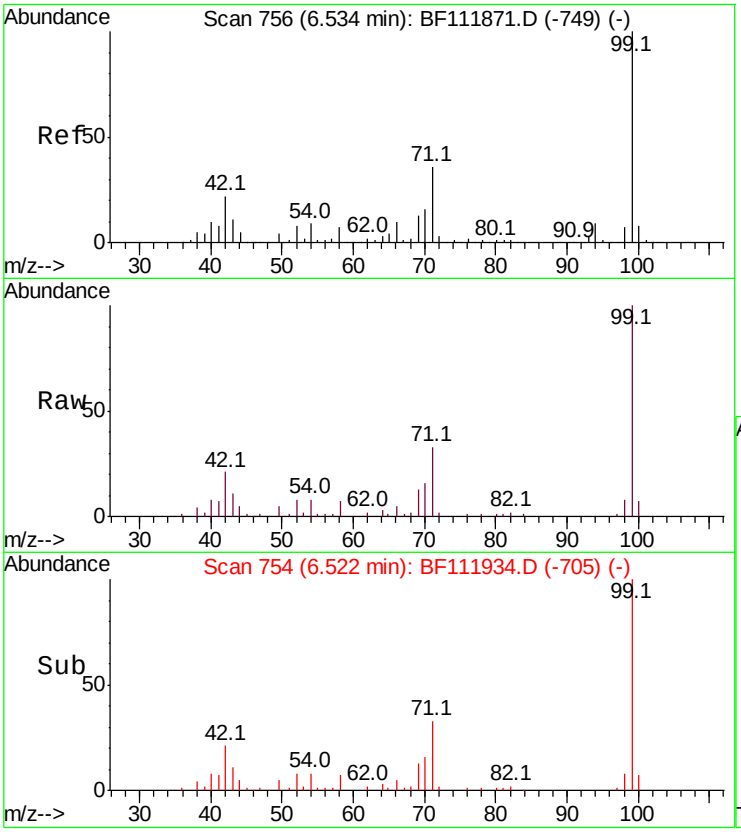


#5
2-Fluorophenol
Concen: 9.701 ng
RT: 5.52 min Scan# 583
Delta R.T. -0.01 min
Lab File: BF111934.D
Acq: 9 Jan 2019 4:29

Tgt Ion:112 Resp: 61752

Ion	Ratio	Lower	Upper
112	100		
64	58.9	48.3	72.5
63	30.3	26.1	39.1



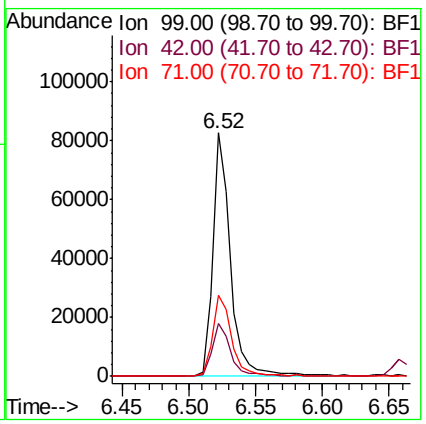


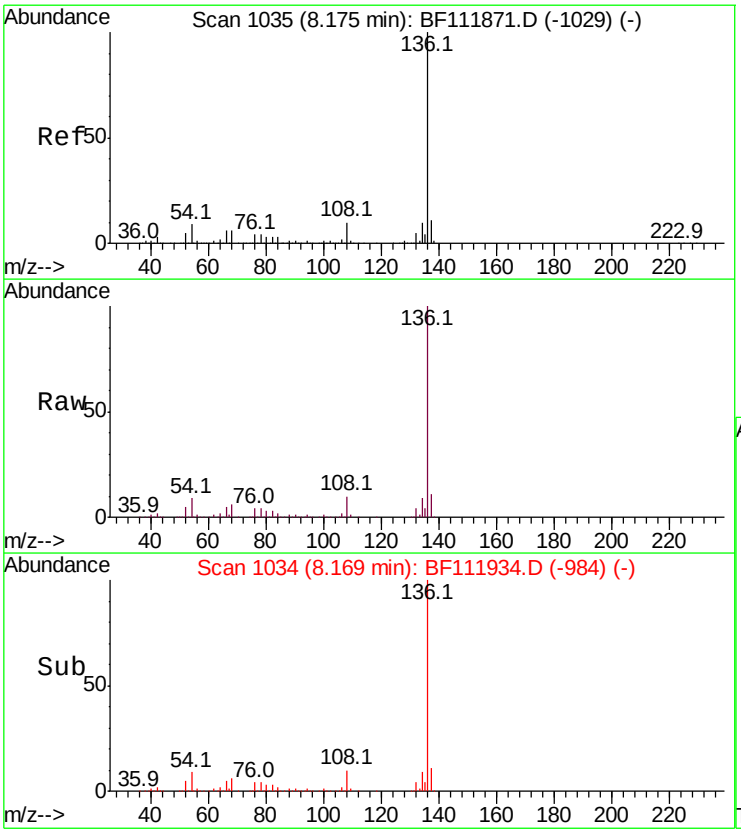
#7
Phenol-d6
Concen: 9.416 ng
RT: 6.52 min Scan# 754
Delta R.T. -0.01 min
Lab File: BF111934.D
Acq: 9 Jan 2019 4:29

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 77247

Ion	Ratio	Lower	Upper
99	100		
42	21.5	17.9	26.9
71	33.4	28.7	43.1

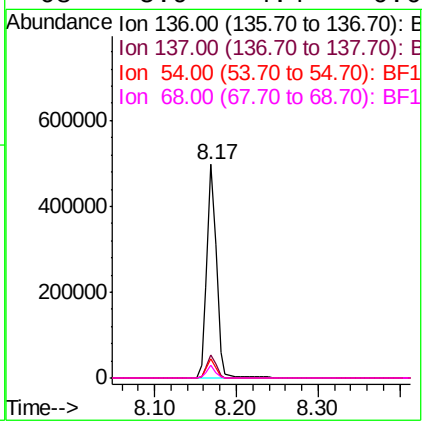


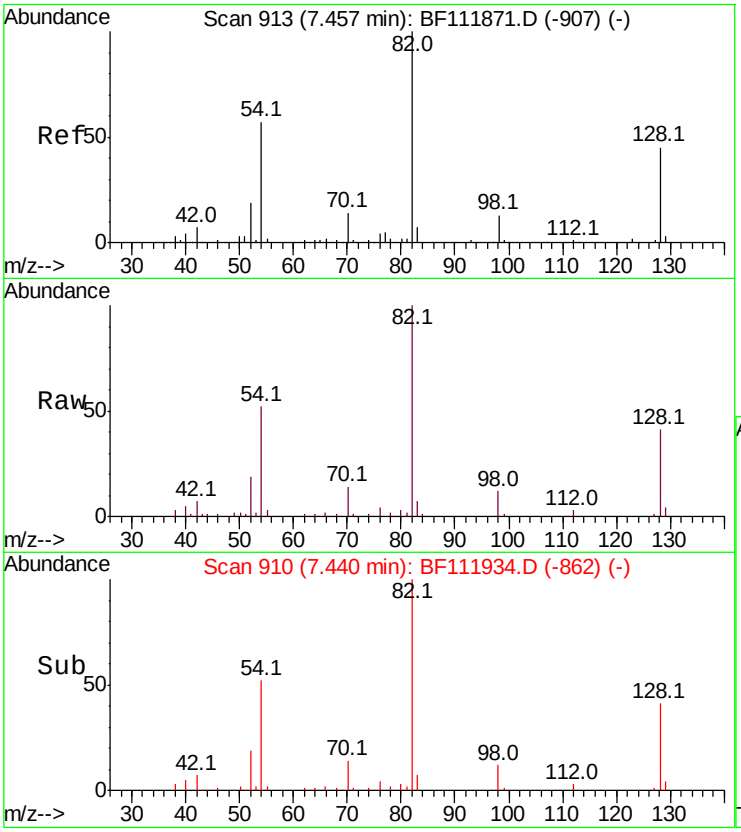


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.17 min Scan# 1034
Delta R.T. -0.01 min
Lab File: BF111934.D
Acq: 9 Jan 2019 4:29

Tgt Ion:136 Resp: 407904

Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.1	13.7
54	8.8	7.2	10.8
68	5.9	4.4	6.6



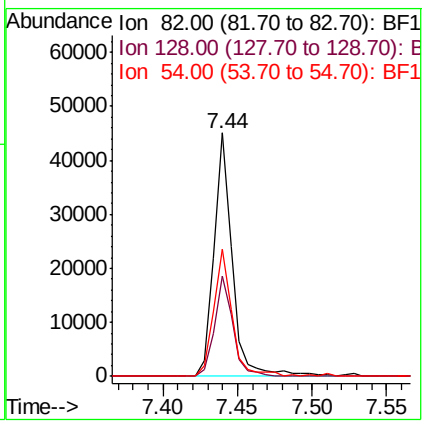


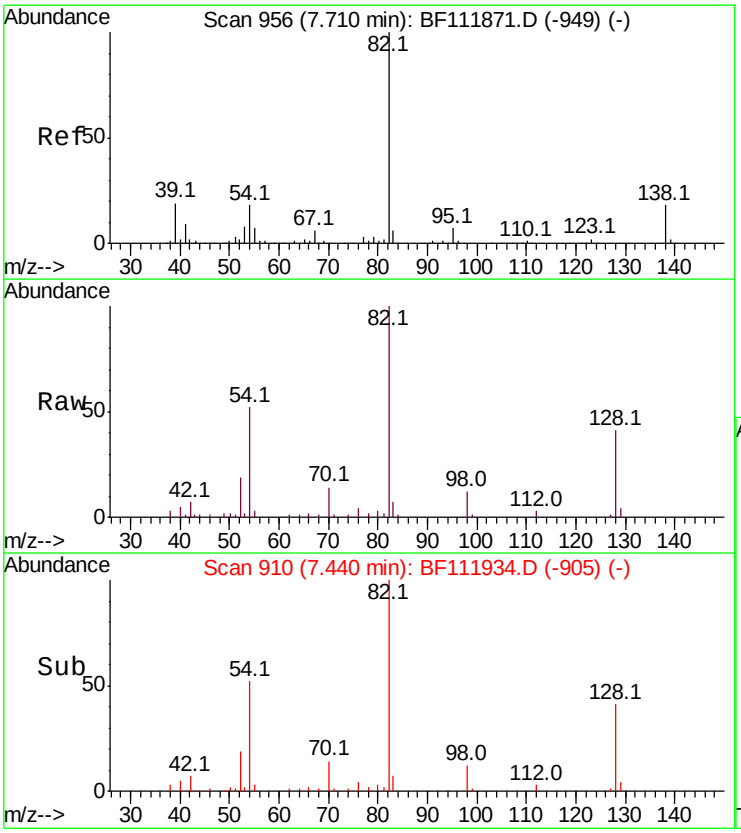
#23
Nitrobenzene-d5
Concen: 5.060 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.02 min
Lab File: BF111934.D
Acq: 9 Jan 2019 4:29

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 38622

Ion	Ratio	Lower	Upper
82	100		
128	41.0	35.7	53.5
54	52.0	45.8	68.8

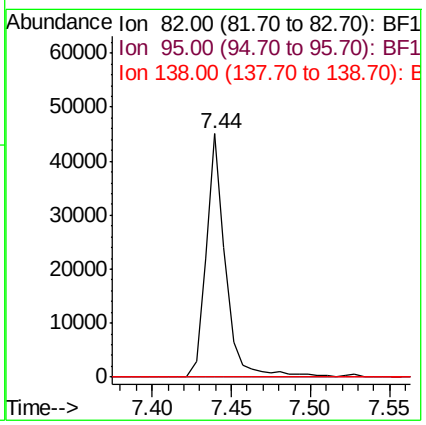


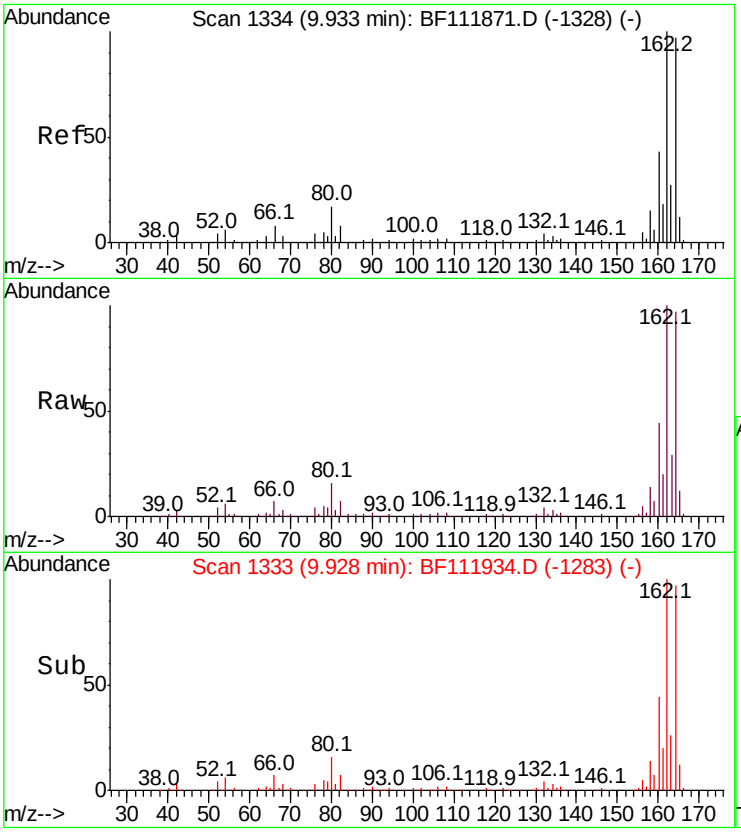


#25
Isophorone
Concen: 3.125 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.27 min
Lab File: BF111934.D
Acq: 9 Jan 2019 4:29

Tgt Ion: 82 Resp: 38622

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.8	8.6#
138	0.0	14.4	21.6#



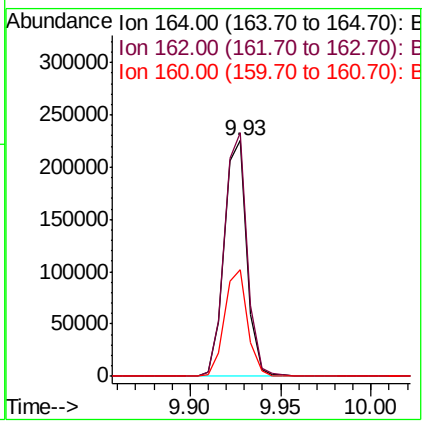


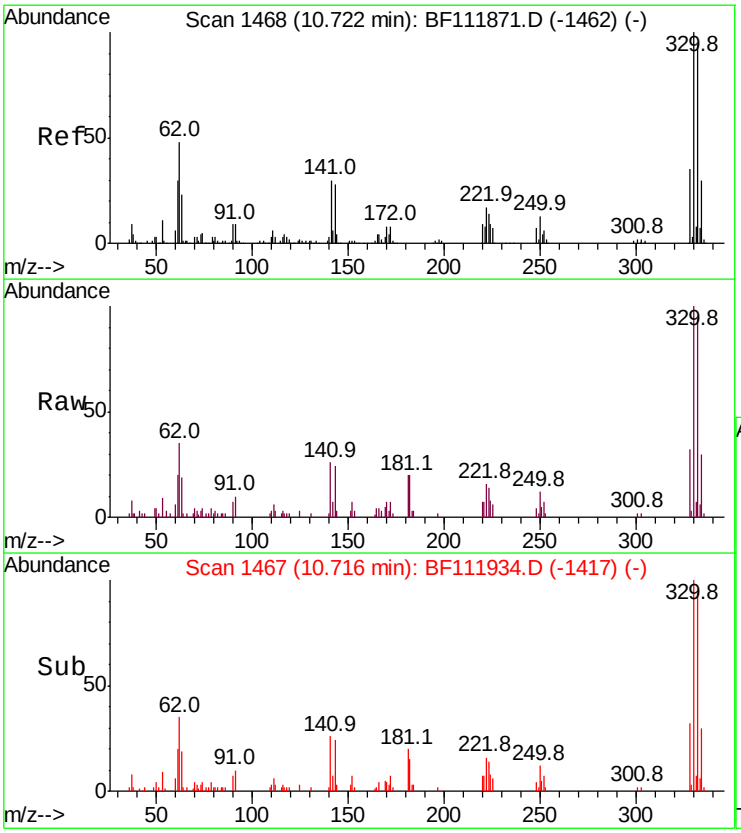
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.93 min Scan# 1333
Delta R.T. -0.01 min
Lab File: BF111934.D
Acq: 9 Jan 2019 4:29

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 196767

Ion	Ratio	Lower	Upper
164	100		
162	103.2	82.2	123.2
160	45.0	35.5	53.3

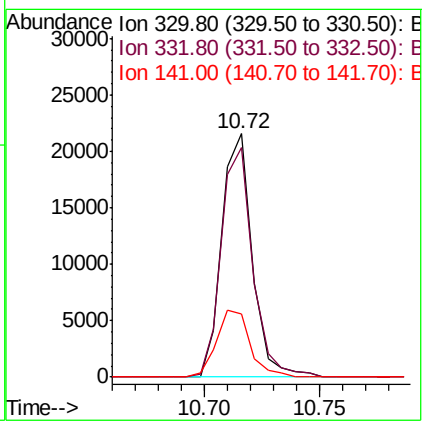


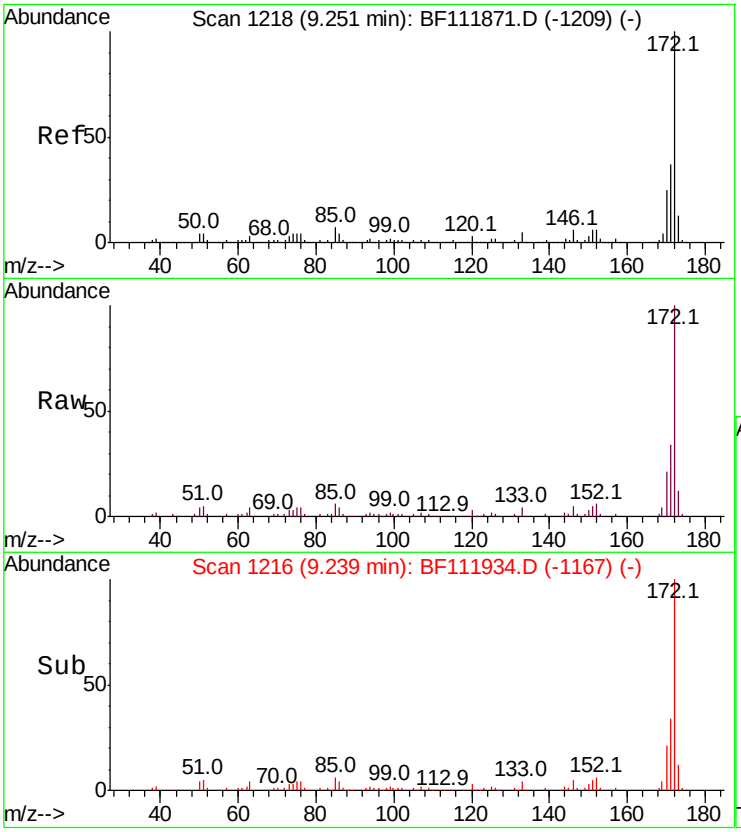


#42
2,4,6-Tribromophenol
Concen: 7.725 ng
RT: 10.72 min Scan# 1467
Delta R.T. -0.01 min
Lab File: BF111934.D
Acq: 9 Jan 2019 4:29

Tgt Ion:330 Resp: 19770

Ion	Ratio	Lower	Upper
330	100		
332	98.1	76.9	115.3
141	30.2	23.7	35.5



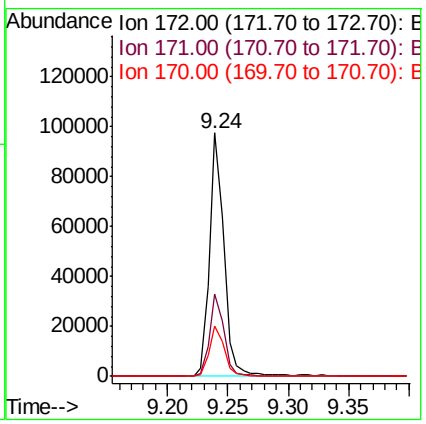


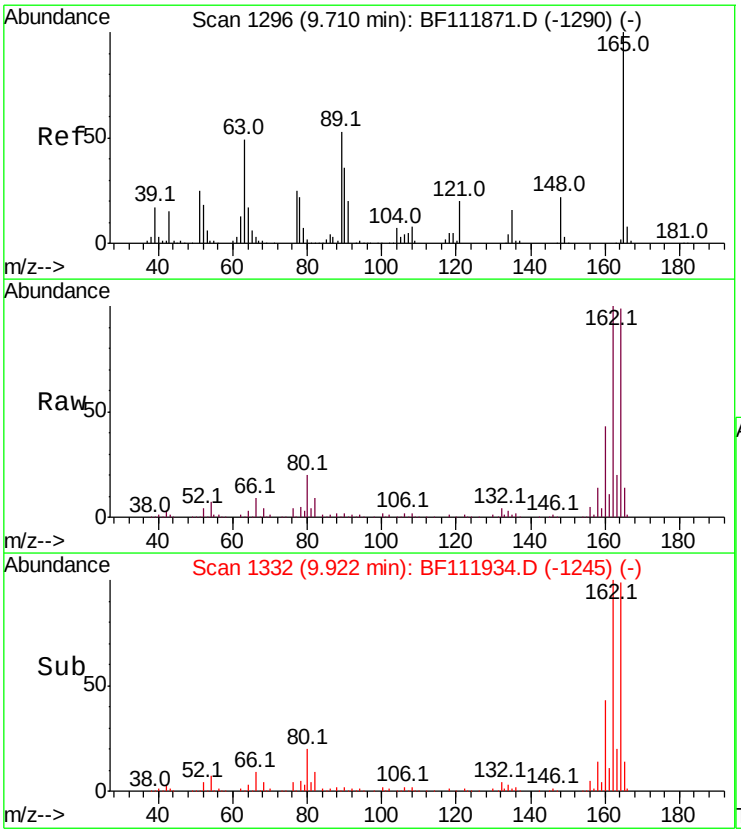
#45
2-Fluorobiphenyl
Concen: 5.954 ng
RT: 9.24 min Scan# 1216
Delta R.T. -0.01 min
Lab File: BF111934.D
Acq: 9 Jan 2019 4:29

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 80338

Ion	Ratio	Lower	Upper
172	100		
171	34.0	29.6	44.4
170	20.6	19.8	29.8

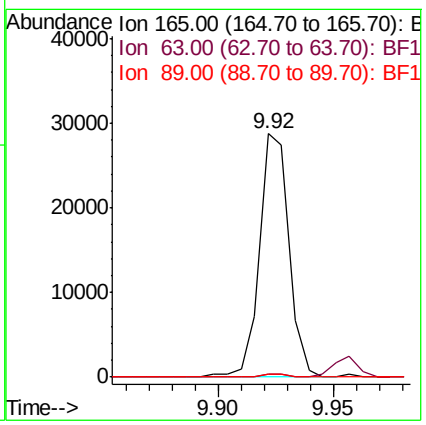


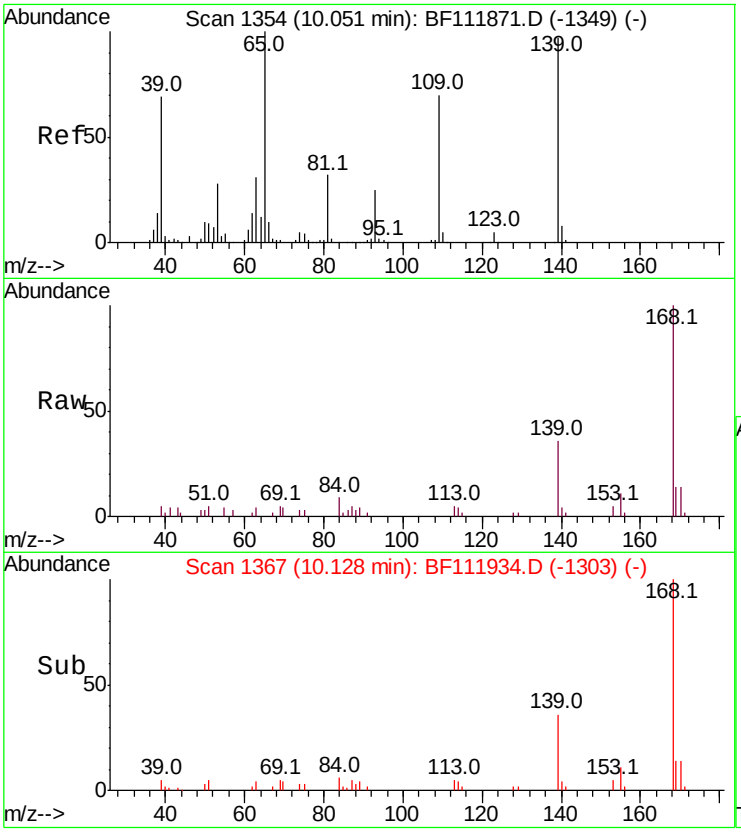


#51
2,6-Dinitrotoluene
Concen: 7.747 ng
RT: 9.92 min Scan# 1332
Delta R.T. 0.21 min
Lab File: BF111934.D
Acq: 9 Jan 2019 4:29

Tgt Ion:165 Resp: 25607

Ion	Ratio	Lower	Upper
165	100		
63	1.2	46.2	69.2#
89	1.3	42.2	63.2#



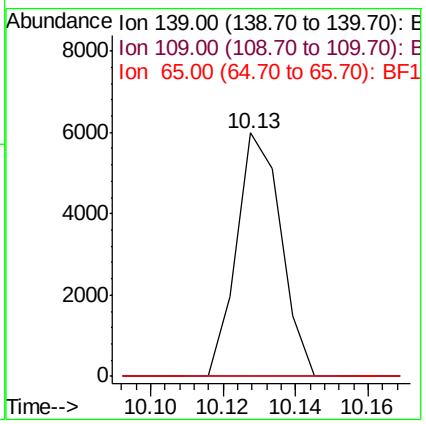


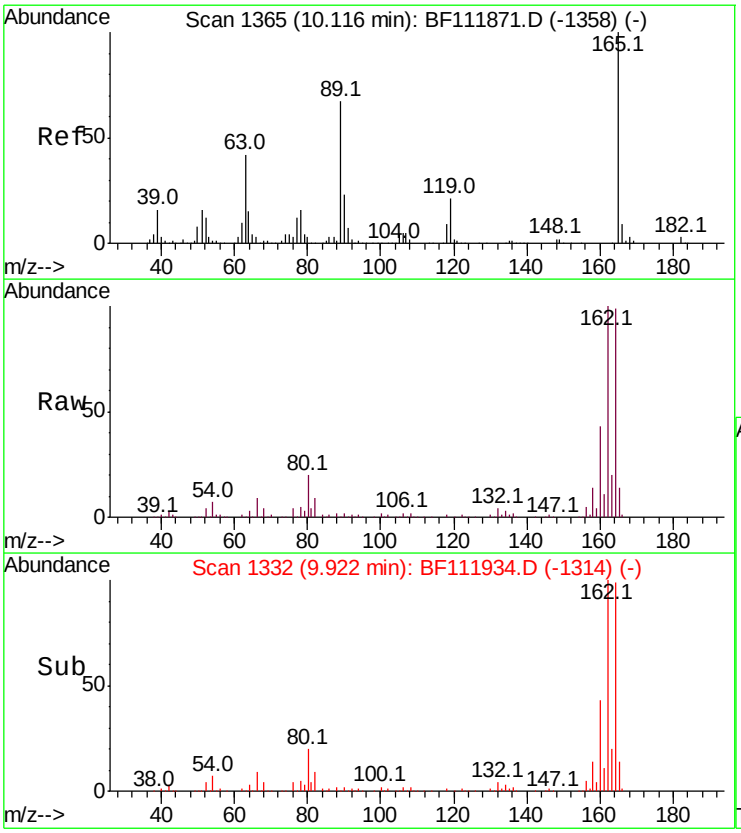
#56
4-Nitrophenol
Concen: 2.054 ng
RT: 10.13 min Scan# 1367
Delta R.T. 0.08 min
Lab File: BF111934.D
Acq: 9 Jan 2019 4:29

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:139 Resp: 5137

Ion	Ratio	Lower	Upper
139	100		
109	0.0	52.2	92.2#
65	0.0	83.1	123.1#

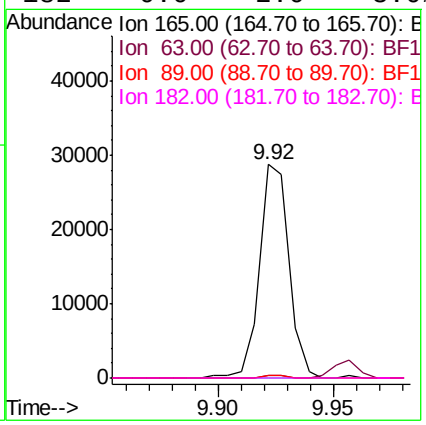


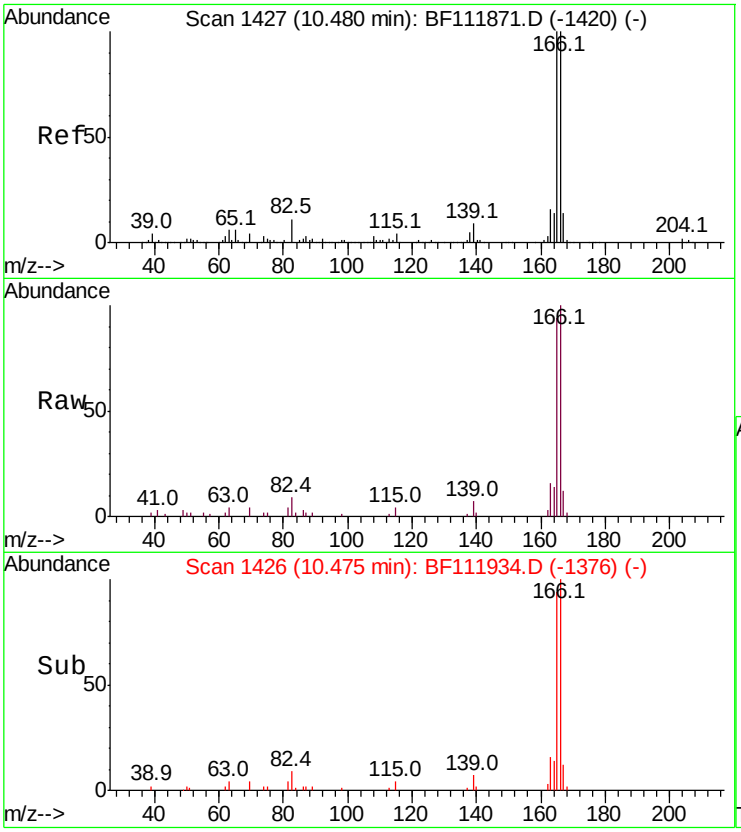


#57
2,4-Dinitrotoluene
Concen: 5.995 ng
RT: 9.92 min Scan# 1332
Delta R.T. -0.19 min
Lab File: BF111934.D
Acq: 9 Jan 2019 4:29

Tgt Ion:165 Resp: 25607

Ion	Ratio	Lower	Upper
165	100		
63	1.2	34.1	51.1#
89	1.3	53.5	80.3#
182	0.0	2.0	3.0#



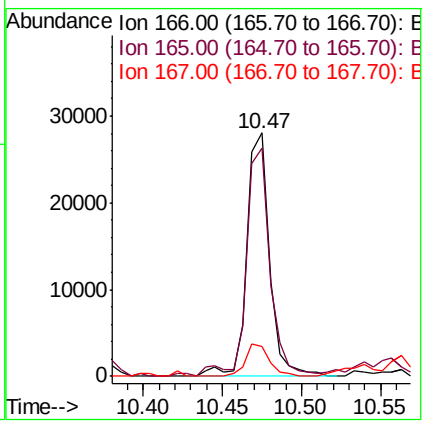


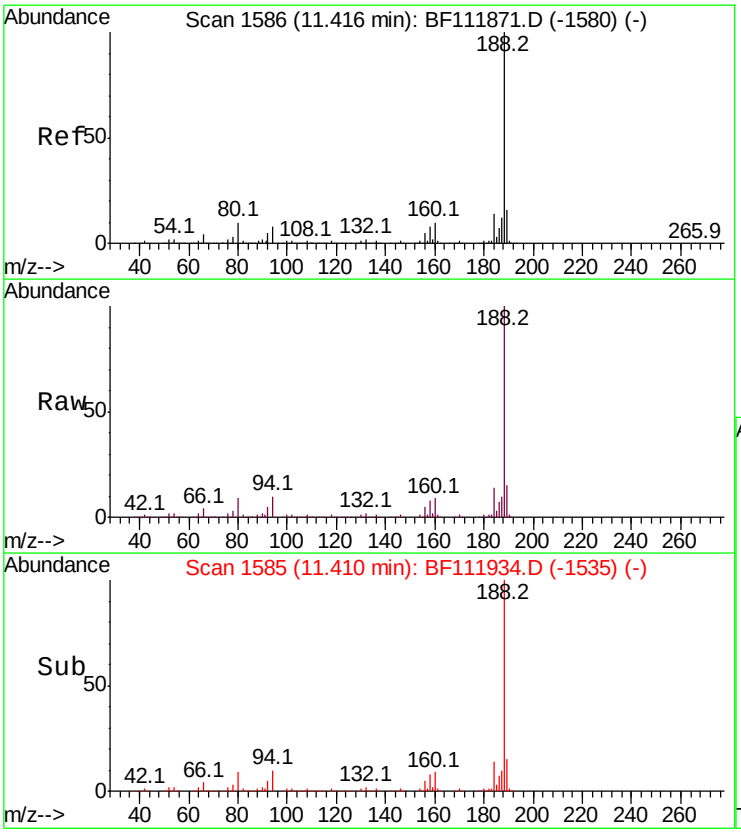
#58
Fluorene
Concen: 2.145 ng
RT: 10.47 min Scan# 1426
Delta R.T. -0.01 min
Lab File: BF111934.D
Acq: 9 Jan 2019 4:29

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:166 Resp: 27949

Ion	Ratio	Lower	Upper
166	100		
165	93.9	79.7	119.5
167	12.4	11.1	16.7

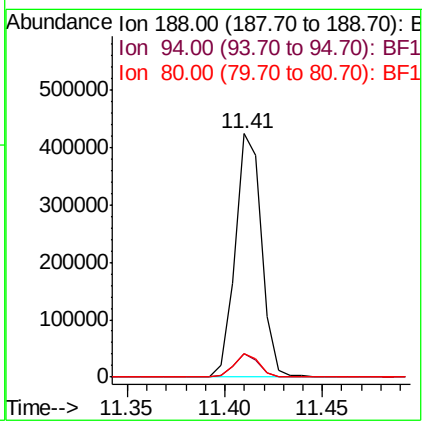


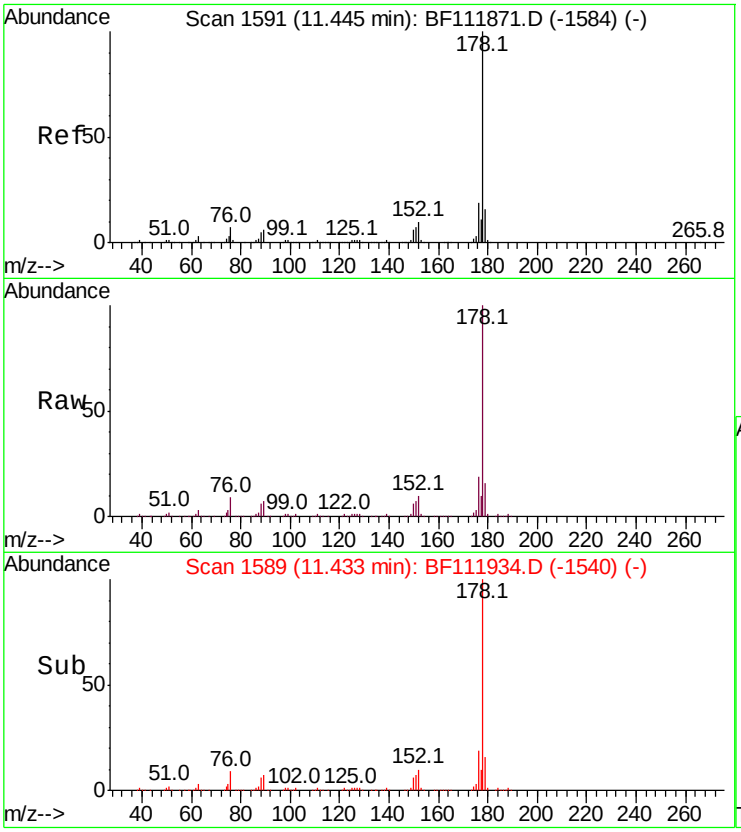


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.41 min Scan# 1585
Delta R.T. -0.01 min
Lab File: BF111934.D
Acq: 9 Jan 2019 4:29

Tgt Ion:188 Resp: 394868

Ion	Ratio	Lower	Upper
188	100		
94	9.7	6.6	10.0
80	9.5	7.7	11.5



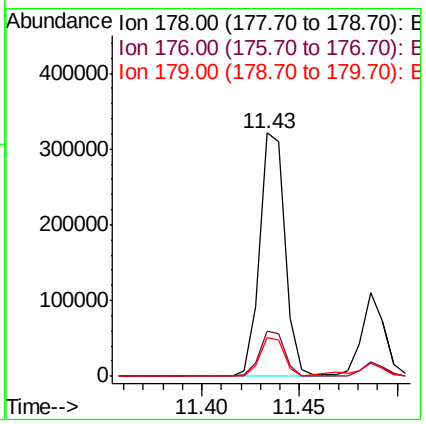


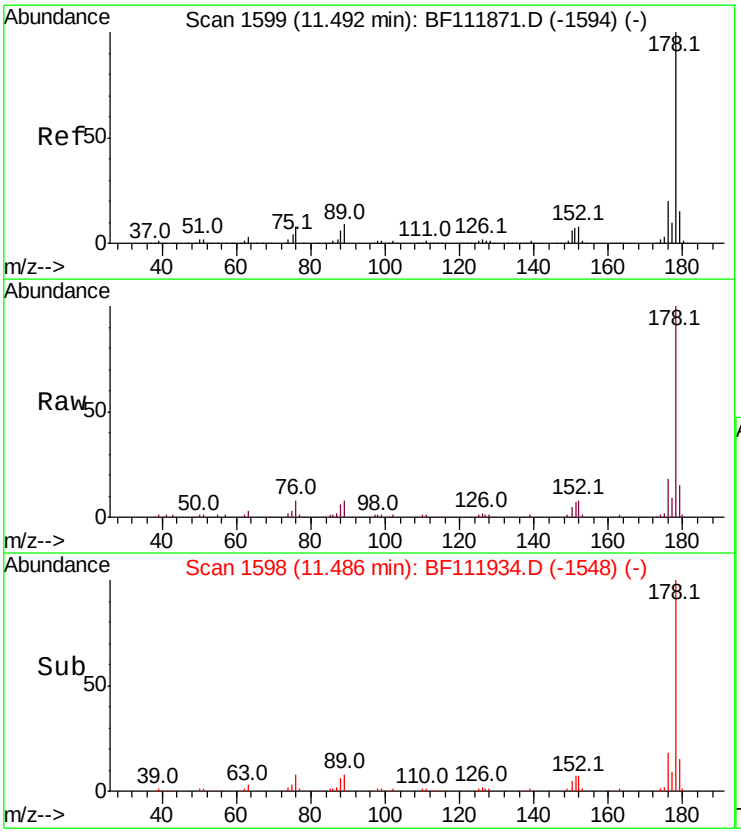
#71
Phenanthrene
Concen: 13.762 ng
RT: 11.43 min Scan# 1589
Delta R.T. -0.01 min
Lab File: BF111934.D
Acq: 9 Jan 2019 4:29

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 290542

Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.6	23.4
179	15.9	12.6	18.8

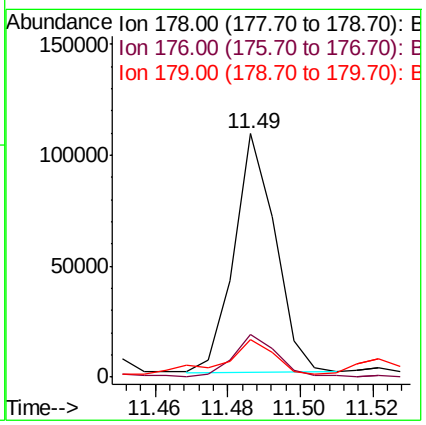


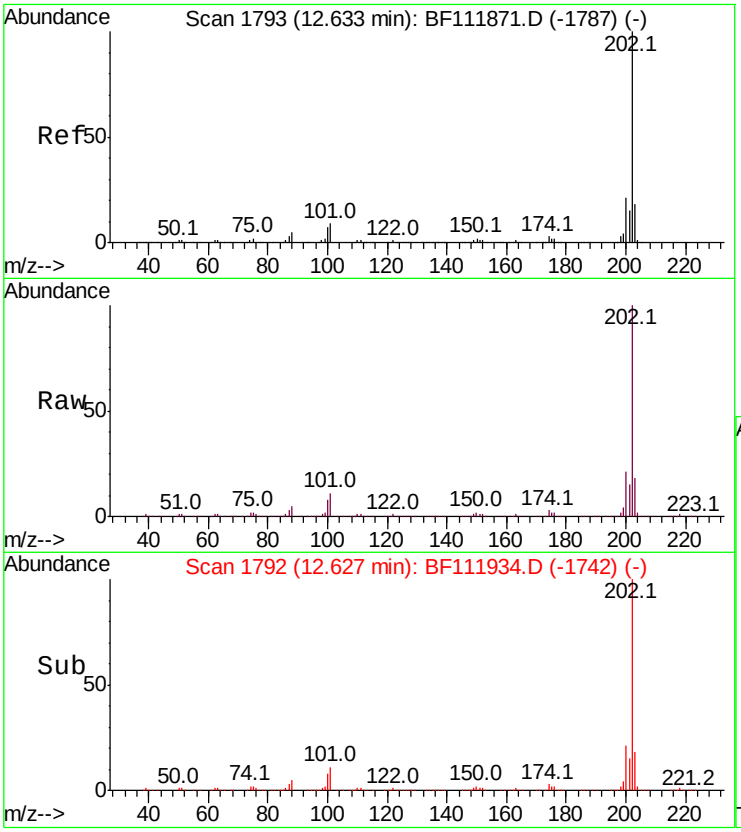


#72
Anthracene
Concen: 3.977 ng
RT: 11.49 min Scan# 1598
Delta R.T. -0.01 min
Lab File: BF111934.D
Acq: 9 Jan 2019 4:29

Tgt Ion:178 Resp: 85228

Ion	Ratio	Lower	Upper
178	100		
176	17.6	15.7	23.5
179	15.4	12.4	18.6



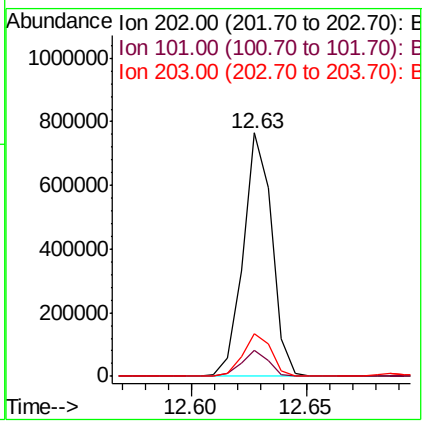


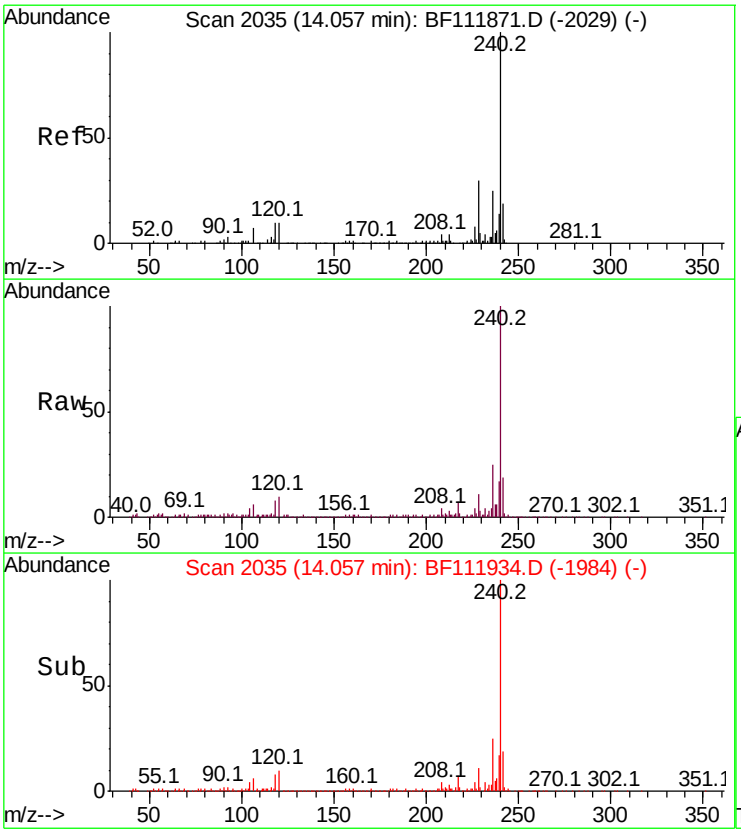
#75
Fluoranthene
Concen: 30.535 ng
RT: 12.63 min Scan# 1792
Delta R.T. -0.01 min
Lab File: BF111934.D
Acq: 9 Jan 2019 4:29

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 661786

Ion	Ratio	Lower	Upper
202	100		
101	10.7	0.0	29.3
203	17.7	0.0	37.6

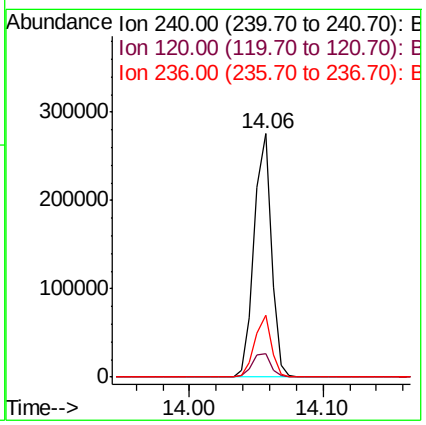


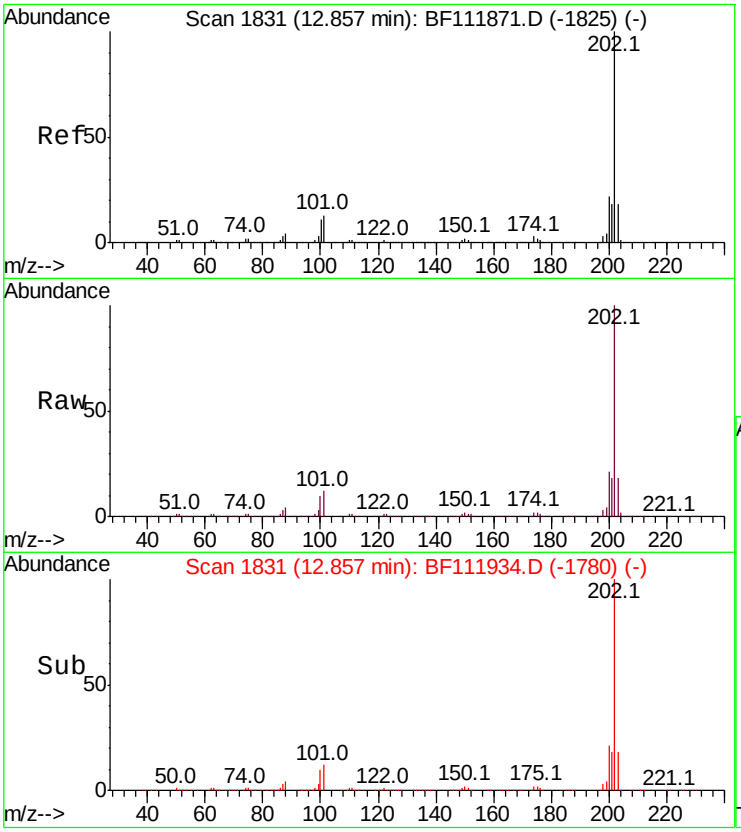


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.06 min Scan# 2035
Delta R.T. 0.00 min
Lab File: BF111934.D
Acq: 9 Jan 2019 4:29

Tgt Ion:240 Resp: 242793

Ion	Ratio	Lower	Upper
240	100		
120	9.7	8.2	12.2
236	25.4	20.2	30.4



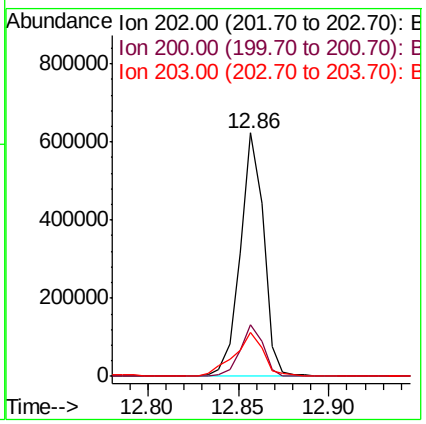


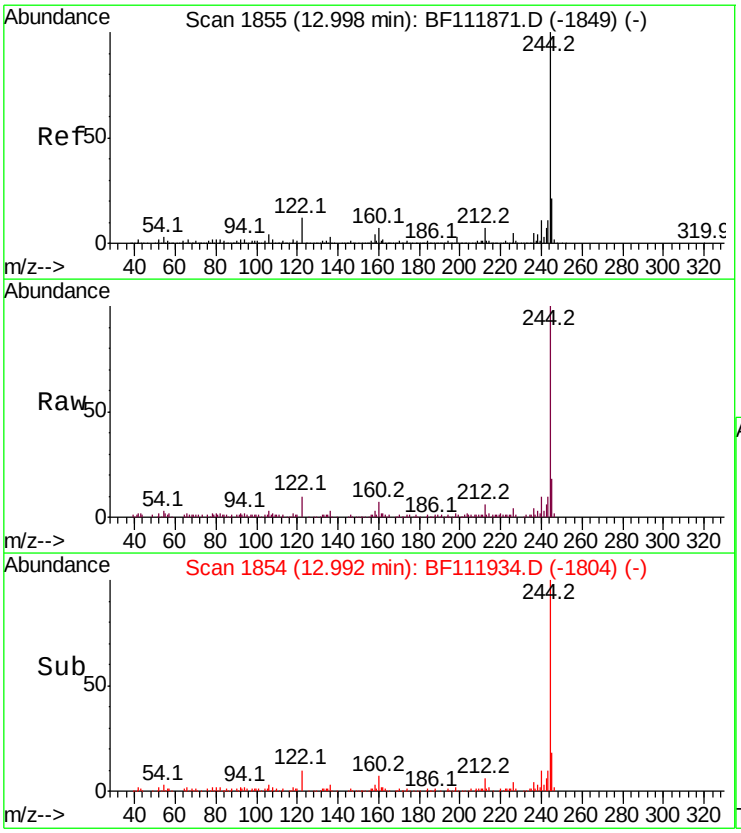
#78
Pyrene
Concen: 33.454 ng
RT: 12.86 min Scan# 1831
Delta R.T. 0.00 min
Lab File: BF111934.D
Acq: 9 Jan 2019 4:29

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 558874

Ion	Ratio	Lower	Upper
202	100		
200	21.0	17.4	26.2
203	17.9	14.6	21.8

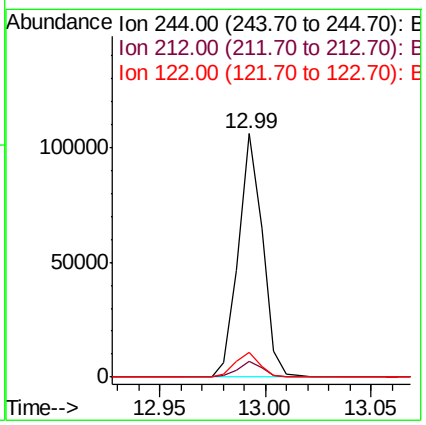


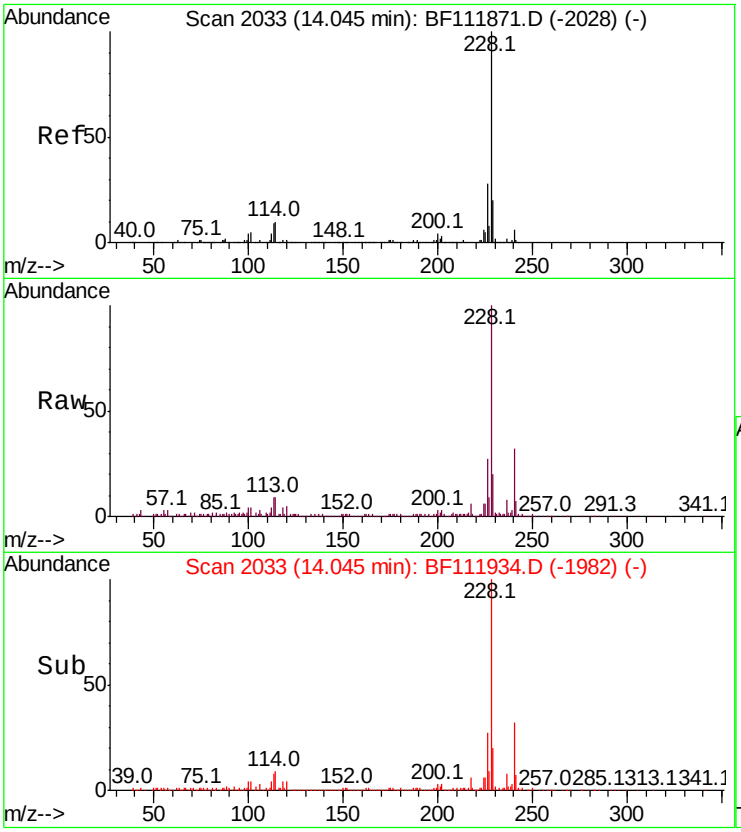


#79
Terphenyl-d14
Concen: 6.557 ng
RT: 12.99 min Scan# 1854
Delta R.T. -0.01 min
Lab File: BF111934.D
Acq: 9 Jan 2019 4:29

Tgt Ion:244 Resp: 83871

Ion	Ratio	Lower	Upper
244	100		
212	6.4	5.8	8.8
122	10.3	9.5	14.3



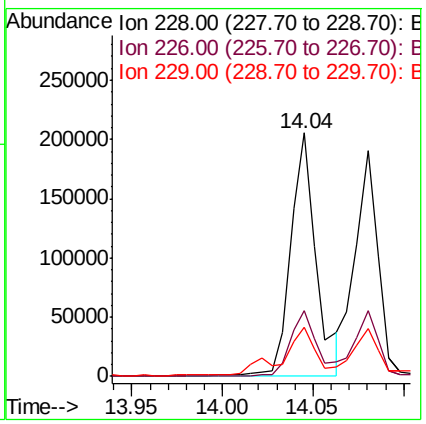


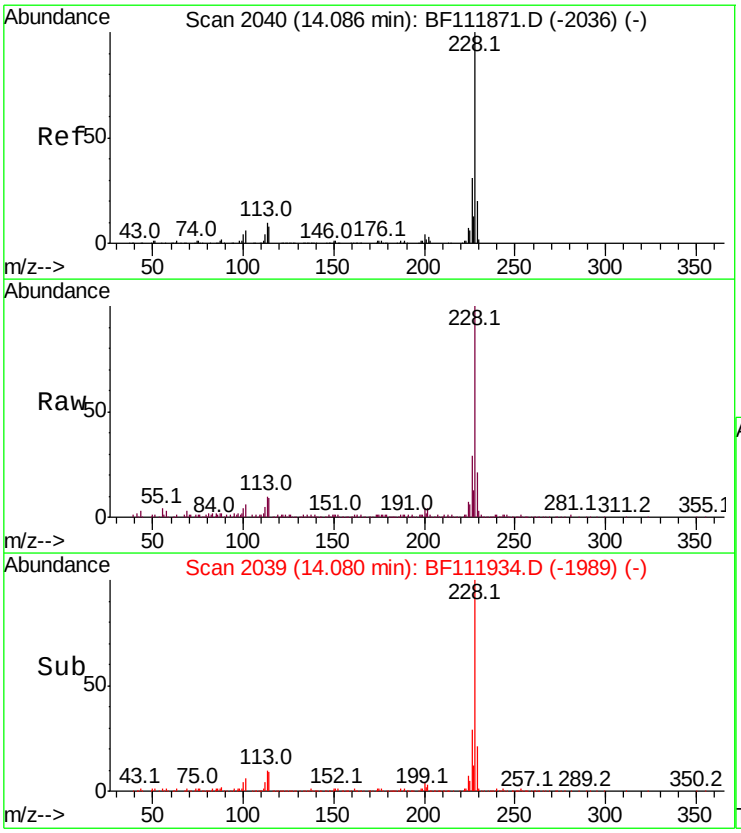
#81
Benzo(a)anthracene
Concen: 14.463 ng
RT: 14.04 min Scan# 2033
Delta R.T. 0.00 min
Lab File: BF111934.D
Acq: 9 Jan 2019 4:29

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 202096

Ion	Ratio	Lower	Upper
228	100		
226	27.2	22.2	33.2
229	20.0	16.2	24.2

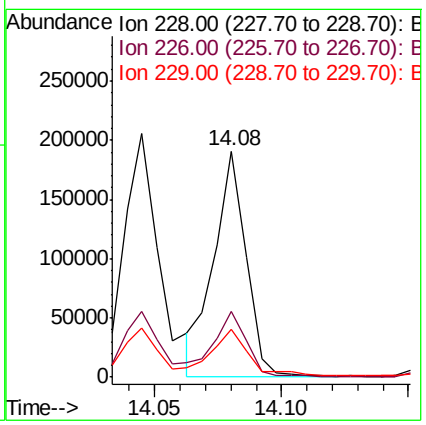


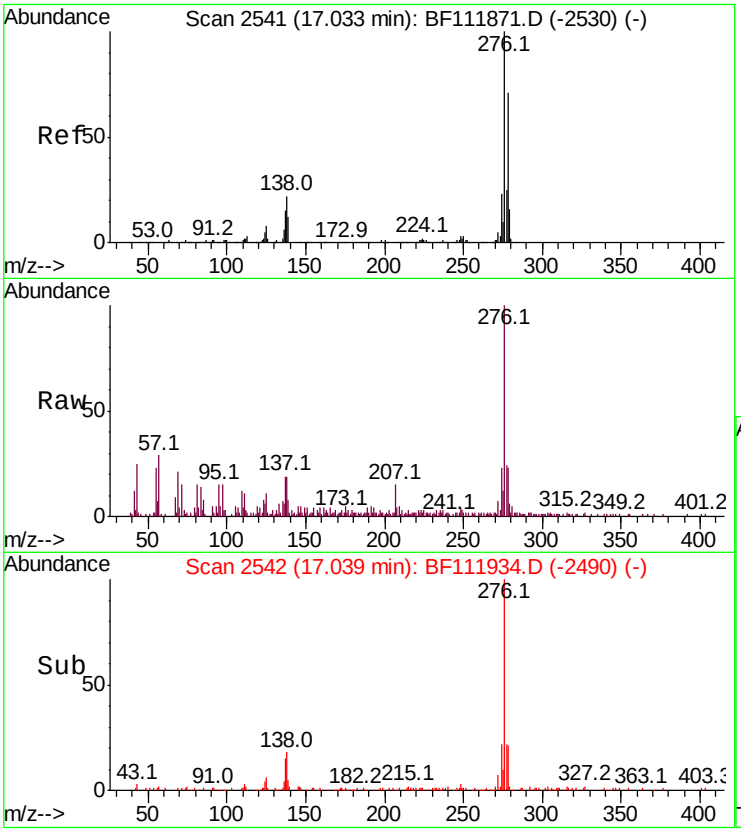


#83
Chrysene
Concen: 12.637 ng
RT: 14.08 min Scan# 2039
Delta R.T. -0.01 min
Lab File: BF111934.D
Acq: 9 Jan 2019 4:29

Tgt Ion:228 Resp: 168364

Ion	Ratio	Lower	Upper
228	100		
226	29.1	24.6	37.0
229	21.4	15.7	23.5



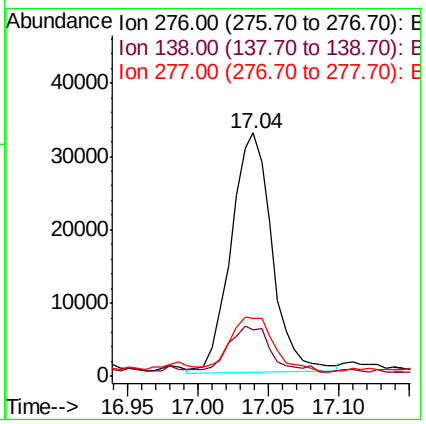


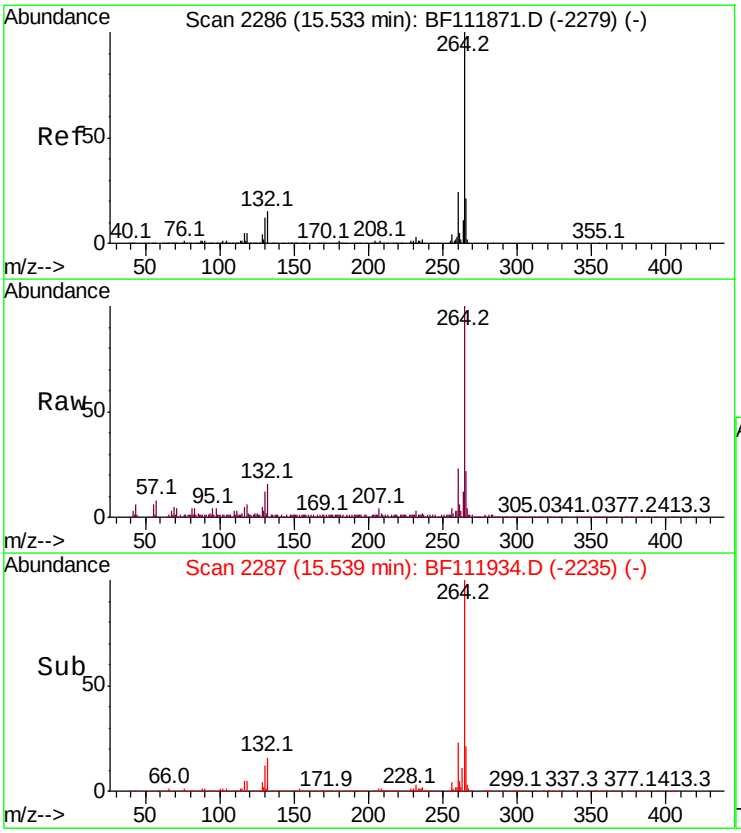
#86
Indeno(1,2,3-cd)pyrene
Concen: 6.837 ng
RT: 17.04 min Scan# 2542
Delta R.T. 0.01 min
Lab File: BF111934.D
Acq: 9 Jan 2019 4:29

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 66410

Ion	Ratio	Lower	Upper
276	100		
138	20.1	18.1	27.1
277	25.1	19.9	29.9

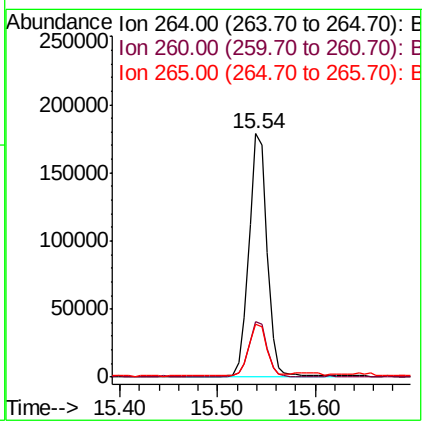


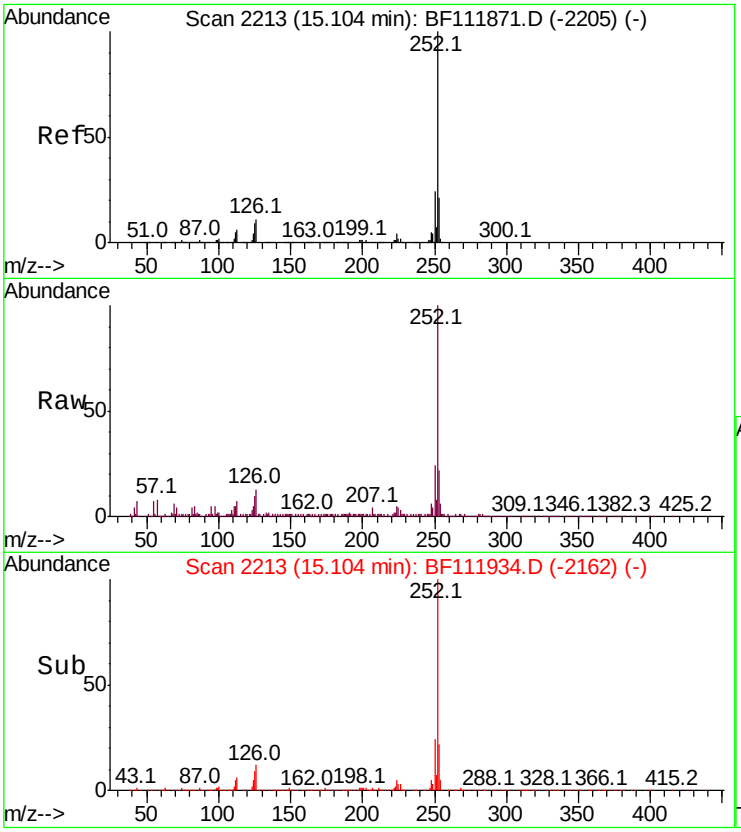


#87
Perylene-d12
Concen: 20.000 ng
RT: 15.54 min Scan# 2287
Delta R.T. 0.01 min
Lab File: BF111934.D
Acq: 9 Jan 2019 4:29

Tgt Ion:264 Resp: 231009

Ion	Ratio	Lower	Upper
264	100		
260	22.9	19.2	28.8
265	21.6	17.1	25.7



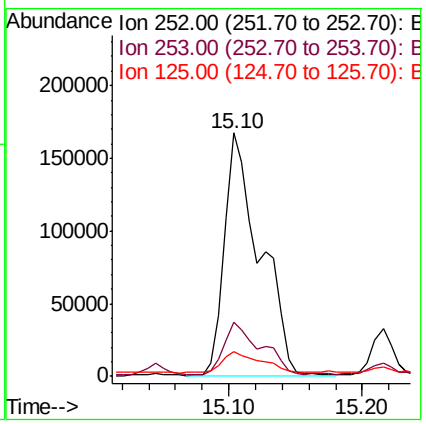


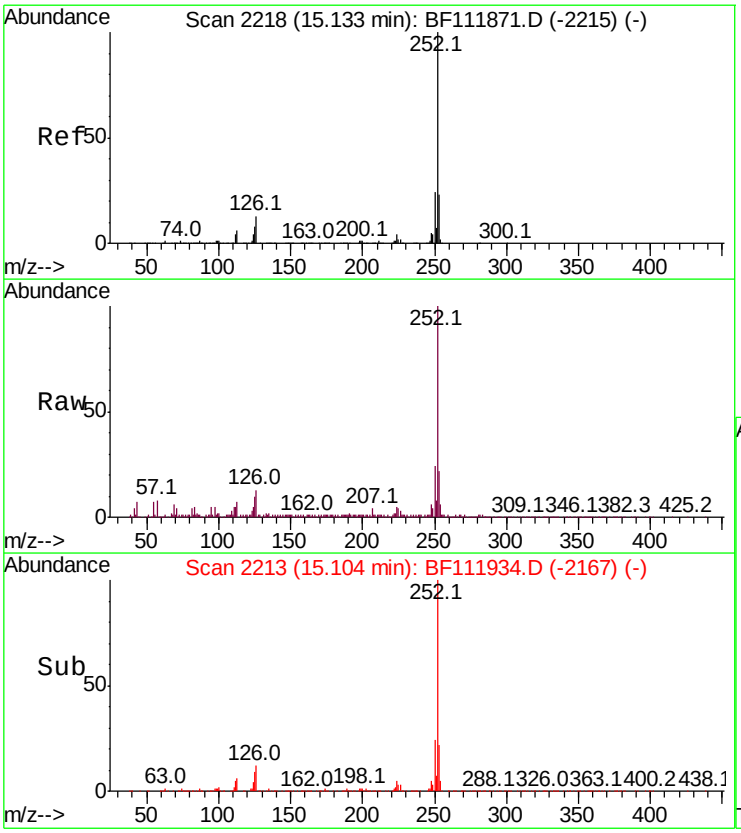
#88
Benzo(b)fluoranthene
Concen: 22.566 ng
RT: 15.10 min Scan# 2213
Delta R.T. 0.00 min
Lab File: BF111934.D
Acq: 9 Jan 2019 4:29

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 311832

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.0	25.6
125	10.3	7.1	10.7

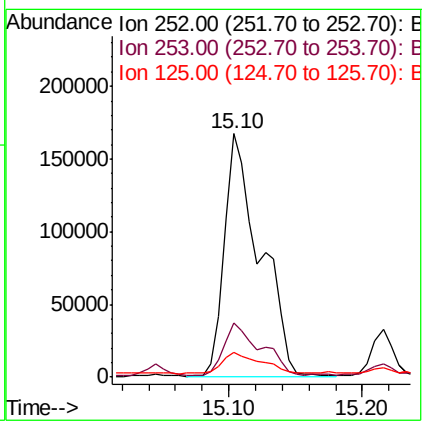


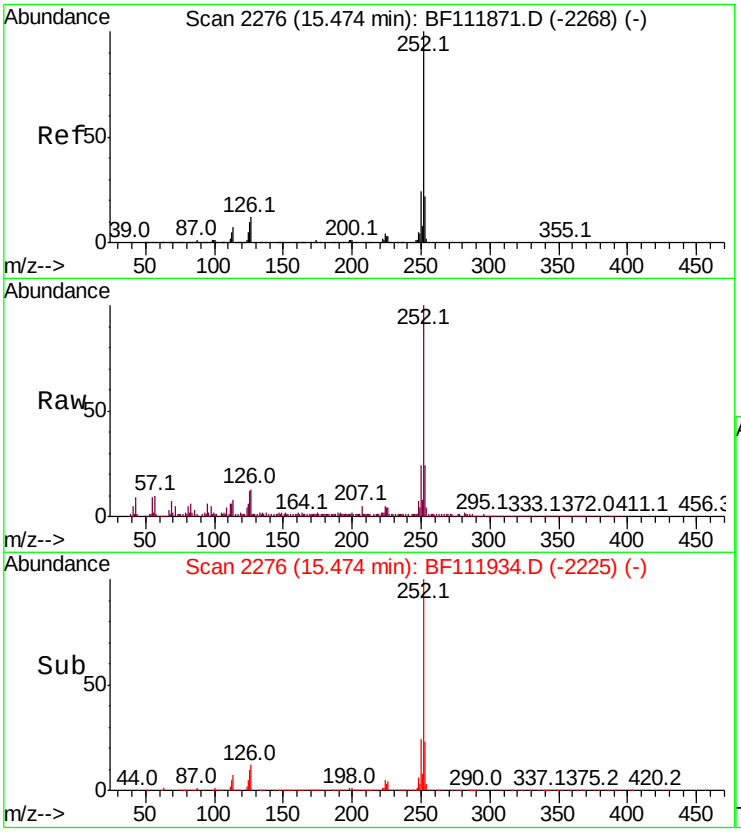


#89
Benzo(k)fluoranthene
Concen: 24.006 ng
RT: 15.10 min Scan# 2213
Delta R.T. -0.03 min
Lab File: BF111934.D
Acq: 9 Jan 2019 4:29

Tgt Ion:252 Resp: 311832

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.8	26.6
125	10.3	7.0	10.4



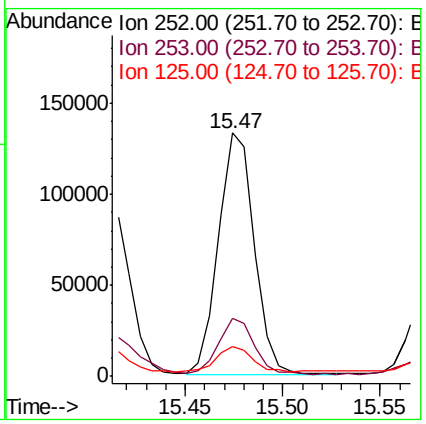


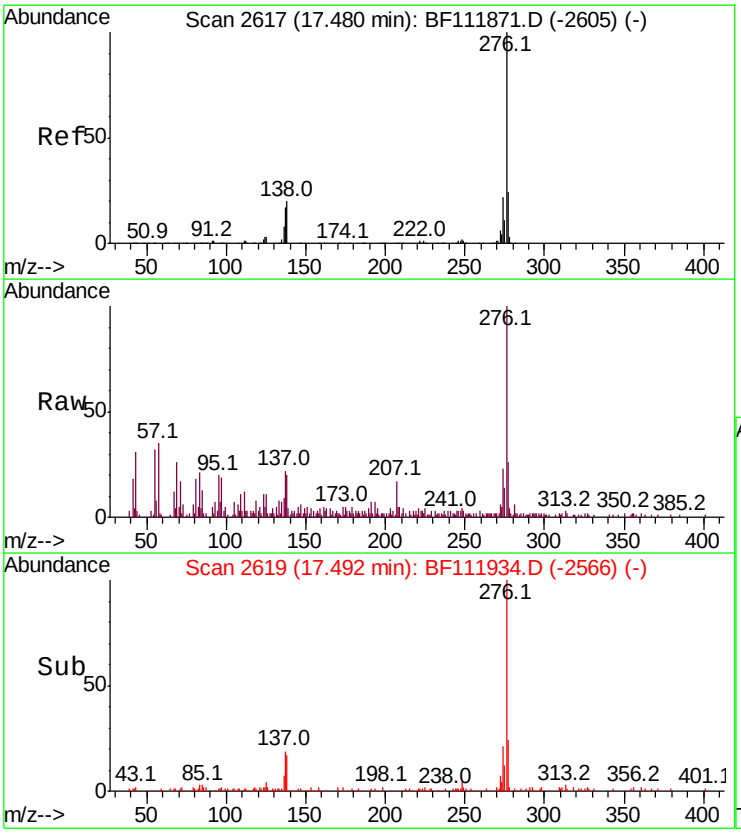
#90
Benzo(a)pyrene
Concen: 14.037 ng
RT: 15.47 min Scan# 2276
Delta R.T. 0.00 min
Lab File: BF111934.D
Acq: 9 Jan 2019 4:29

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 170558

Ion	Ratio	Lower	Upper
252	100		
253	23.9	17.4	26.2
125	12.4	7.9	11.9#





#92
Benzo(g,h,i)perylene
Concen: 6.087 ng
RT: 17.49 min Scan# 2619
Delta R.T. 0.01 min
Lab File: BF111934.D
Acq: 9 Jan 2019 4:29

Tgt Ion:276 Resp: 58181

Ion	Ratio	Lower	Upper
276	100		
277	25.8	19.0	28.6
138	20.3	16.2	24.2