Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF103119\
Data File : BF117669.D
Acq On : 31 Oct 2019 20:13
Operator : JU
Sample : K5576-14DL 25X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Nov 01 01:23:18 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF101819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 18 18:53:31 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	32788	20.00	ng		0.00
21) Naphthalene-d8	8.01	136	164928	20.00	ng		0.00
39) Acenaphthene-d10	9.76	164	82922	20.00	ng		0.00
64) Phenanthrene-d10	11.25	188	127890	20.00	ng		0.00
76) Chrysene-d12	13.90	240	69883	20.00	ng		0.00
87) Perylene-d12	15.34	264	76810	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.43	112	1636	0.74	ng		0.08
7) Phenol-d6	6.46	99	3952	1.34	ng		0.08
23) Nitrobenzene-d5	7.35	82	4698	1.41	ng		0.05
42) 2,4,6-Tribromophenol	10.57	330	1712	2.39	ng		0.01
45) 2-Fluorobiphenyl	9.09	172	13060	2.22	ng		0.00
79) Terphenyl-d14	12.83	244	11693	2.73	ng		0.00
Target Compounds							Qvalue
49) Acenaphthylene	9.63	152	21219	2.791	ng		99
51) 2,6-Dinitrotoluene	9.76	165	10771	8.732	ng	#	22
56) 4-Nitrophenol	9.99	139	414	4.700	ng	#	6
57) 2,4-Dinitrotoluene	9.76	165	10771	6.567	ng	#	12
71) Phenanthrene	11.27	178	43958	5.919	ng		99
72) Anthracene	11.33	178	23054	3.026	ng		99
75) Fluoranthene	12.47	202	171421	23.059	ng		98
77) Benzidine	12.83	184	113	Below Cal		#	67
78) Pyrene	12.70	202	143096	23.839	ng		99
80) Butylbenzylphthalate	13.30	149	9907	3.317	ng		98
81) Benzo(a)anthracene	13.89	228	77269	16.392	ng		98
83) Chrysene	13.92	228	75037	16.242	ng		98
86) Indeno(1,2,3-cd)pyrene	16.76	276	31798	9.219	ng		97
88) Benzo(b)fluoranthene	14.93	252	118487	26.123	ng	#	97
89) Benzo(k)fluoranthene	14.93	252	118487	25.487	ng	#	96
90) Benzo(a)pyrene	15.28	252	49491	12.001	ng	#	94
92) Benzo(g,h,i)perylene	17.20	276	25609	7.590	ng		94

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF103119\
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Misc :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 18 18:53:31 2019
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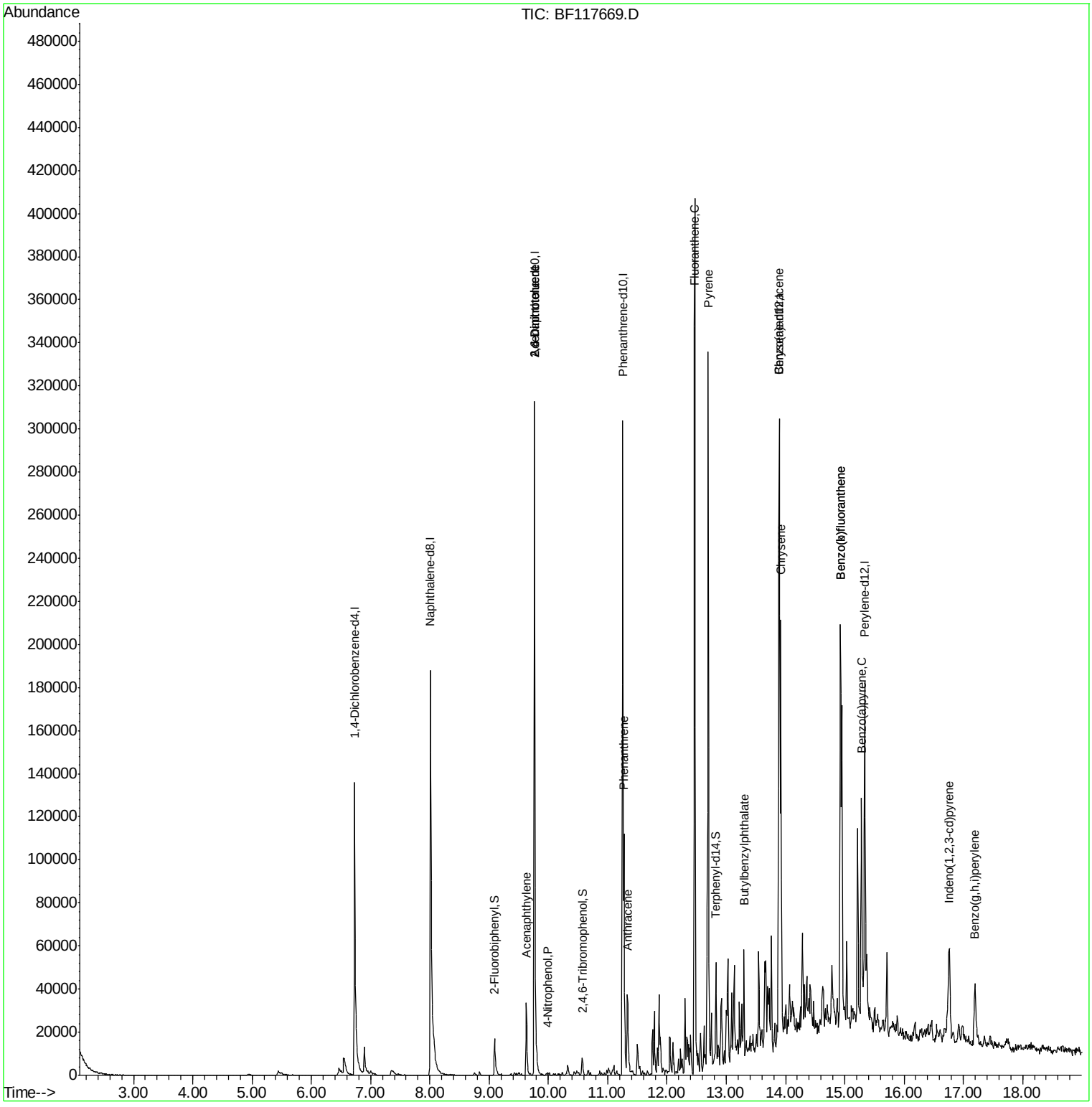
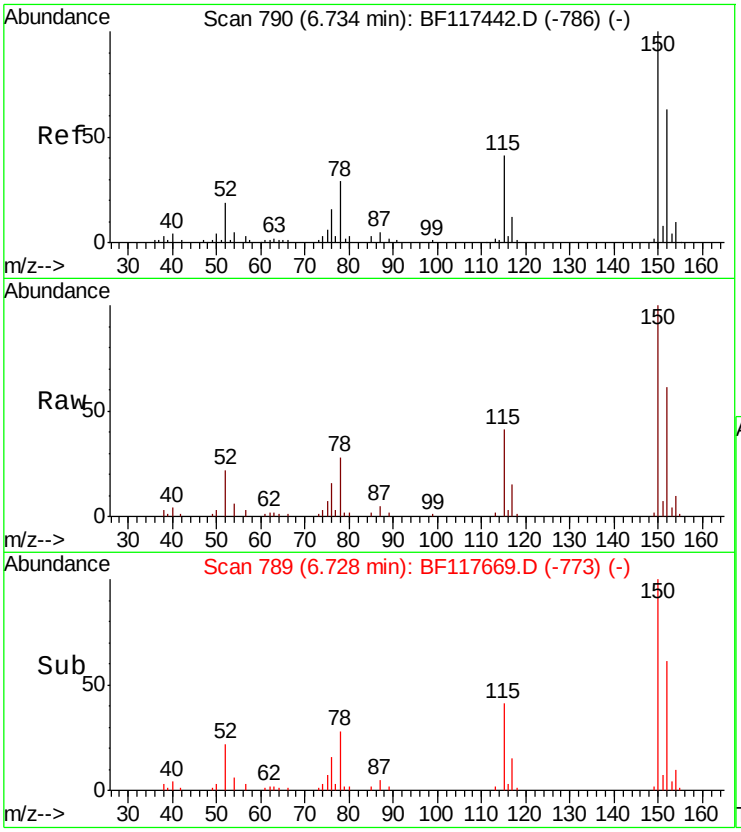


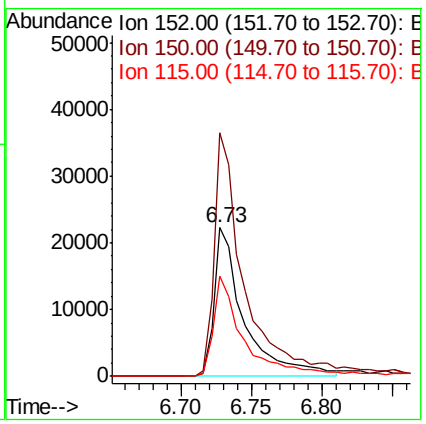


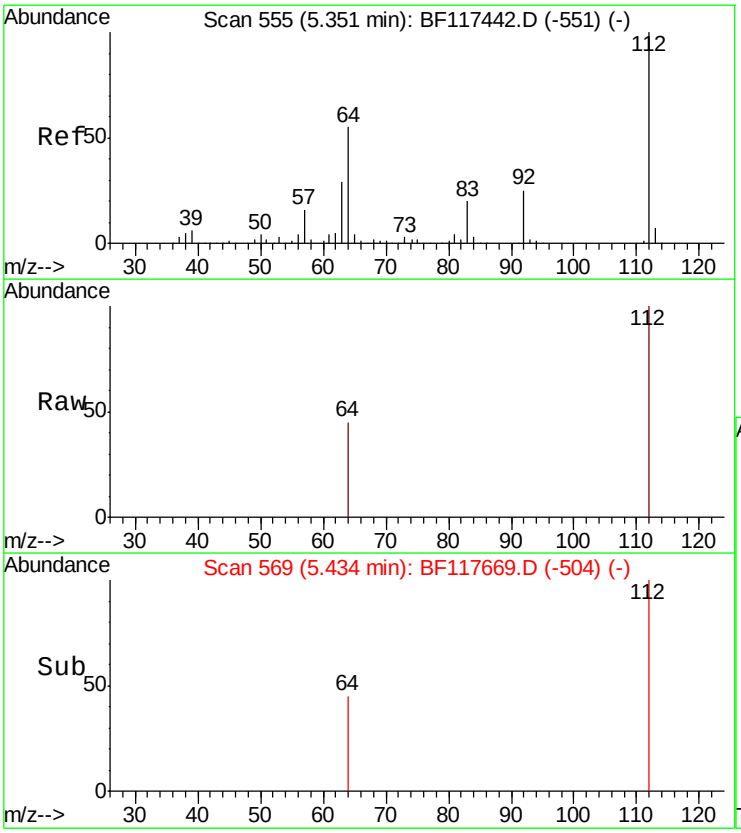
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 789
Delta R.T. -0.01 min
Lab File: BF117669.D
Acq: 31 Oct 2019 20:13

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 32788

Ion	Ratio	Lower	Upper
152	100		
150	164.0	126.8	190.2
115	67.4	51.6	77.4

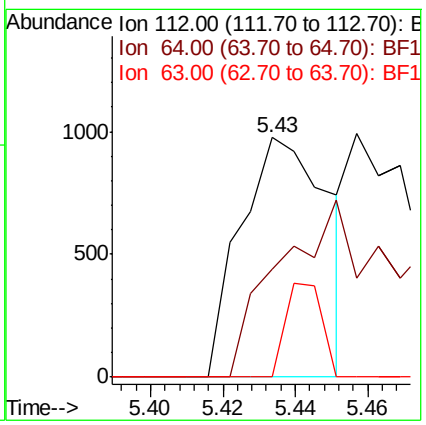


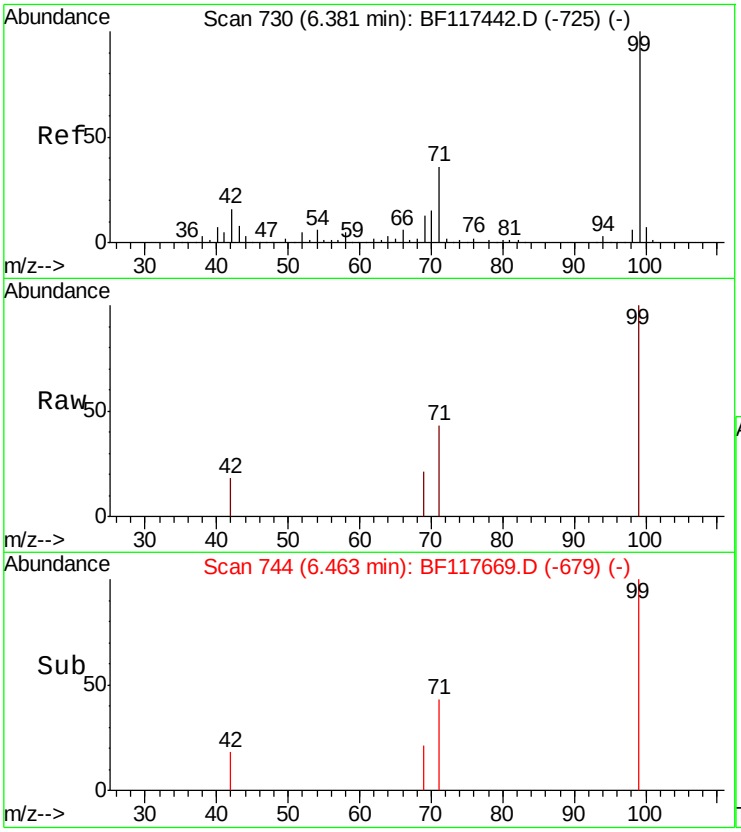


#5
2-Fluorophenol
Concen: 0.742 ng
RT: 5.43 min Scan# 569
Delta R.T. 0.08 min
Lab File: BF117669.D
Acq: 31 Oct 2019 20:13

Tgt Ion:112 Resp: 1636

Ion	Ratio	Lower	Upper
112	100		
64	44.9	44.1	66.1
63	0.0	23.4	35.2#



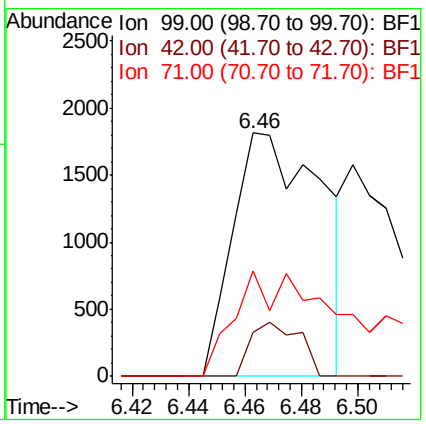


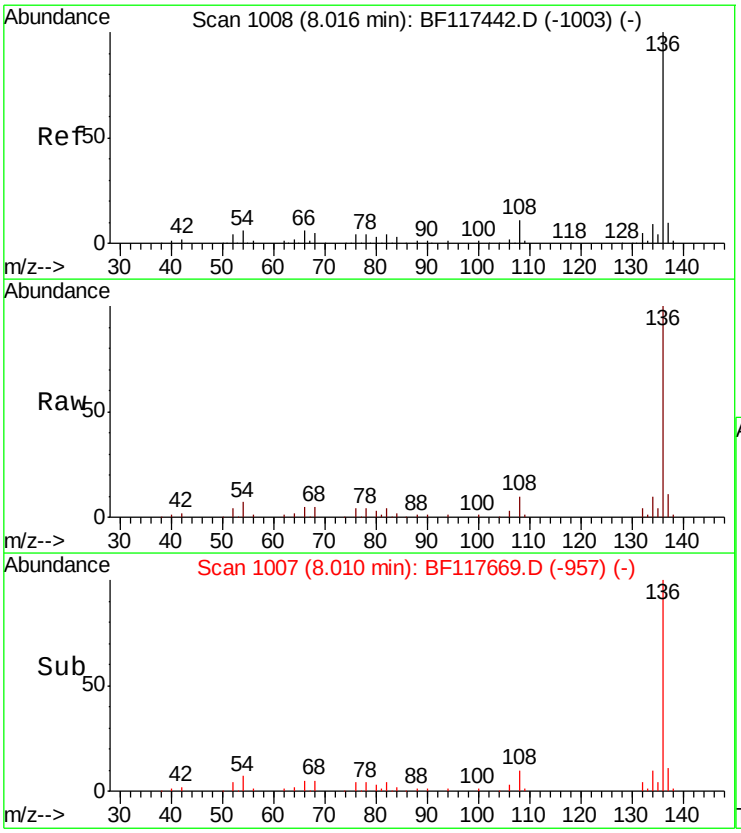
#7
Phenol-d6
Concen: 1.335 ng
RT: 6.46 min Scan# 744
Delta R.T. 0.08 min
Lab File: BF117669.D
Acq: 31 Oct 2019 20:13

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 3952

Ion	Ratio	Lower	Upper
99	100		
42	18.2	12.8	19.2
71	43.4	28.6	43.0#

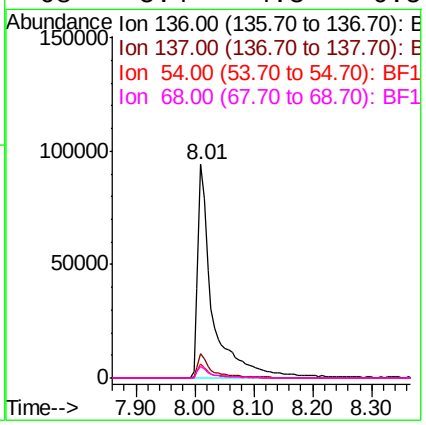


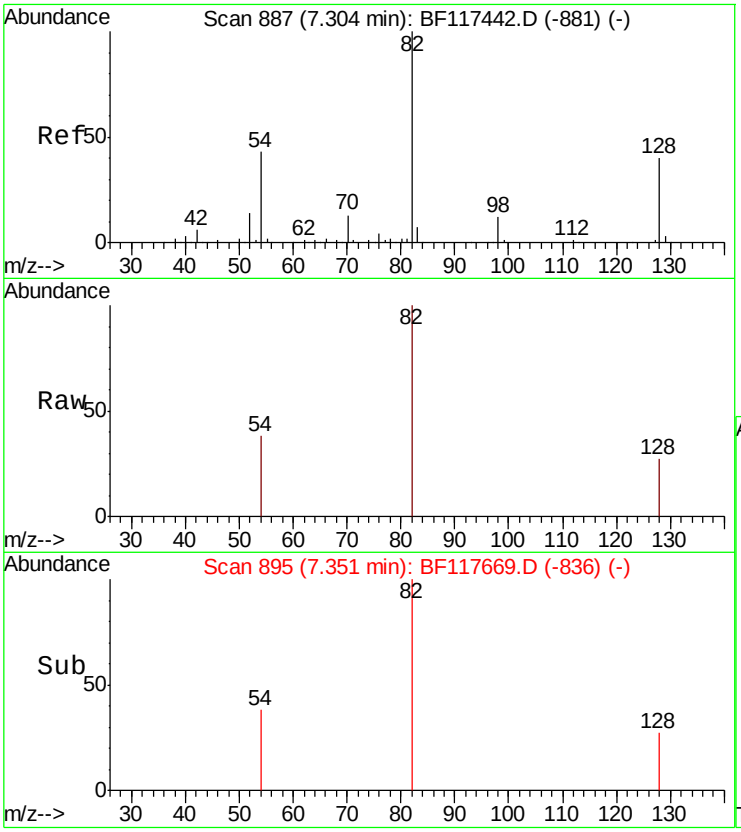


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.01 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BF117669.D
Acq: 31 Oct 2019 20:13

Tgt Ion:136 Resp: 164928

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.2	12.4
54	6.8	4.5	6.7#
68	5.4	4.3	6.5



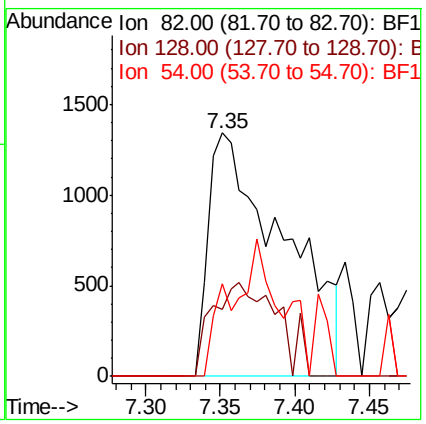


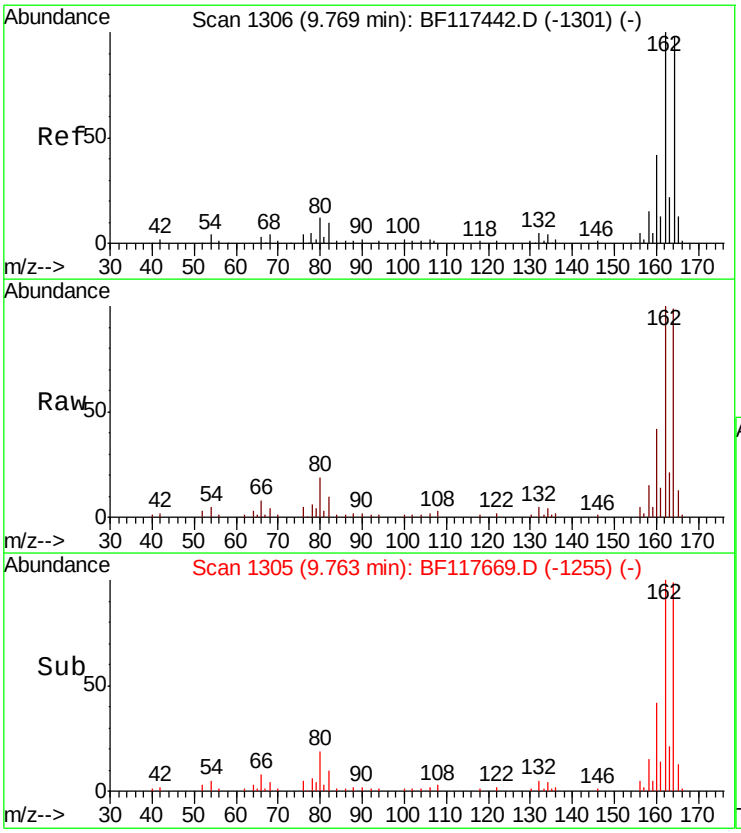
#23
Nitrobenzene-d5
Concen: 1.406 ng
RT: 7.35 min Scan# 895
Delta R.T. 0.05 min
Lab File: BF117669.D
Acq: 31 Oct 2019 20:13

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 4698

Ion	Ratio	Lower	Upper
82	100		
128	27.5	32.2	48.2#
54	38.3	34.2	51.2

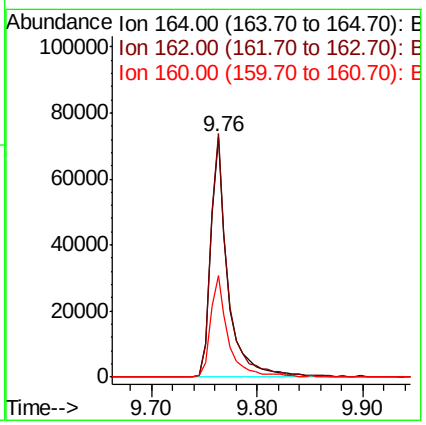


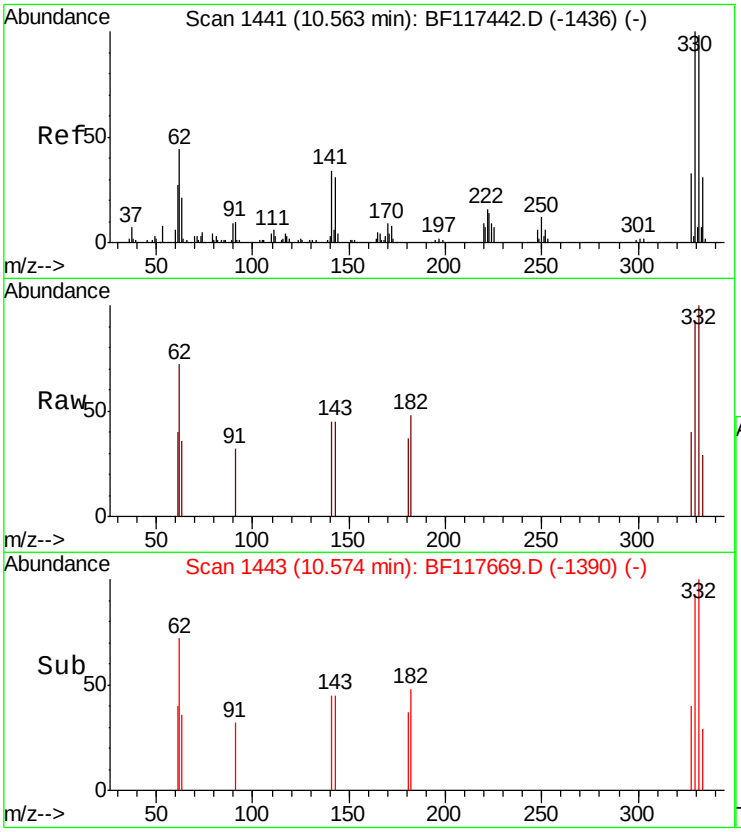


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.76 min Scan# 1305
Delta R.T. -0.01 min
Lab File: BF117669.D
Acq: 31 Oct 2019 20:13

Tgt Ion:164 Resp: 82922

Ion	Ratio	Lower	Upper
164	100		
162	101.3	81.8	122.6
160	42.2	34.4	51.6



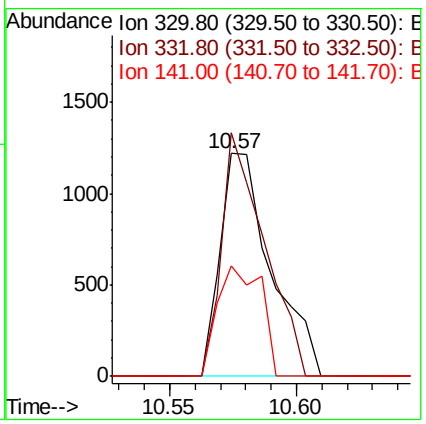


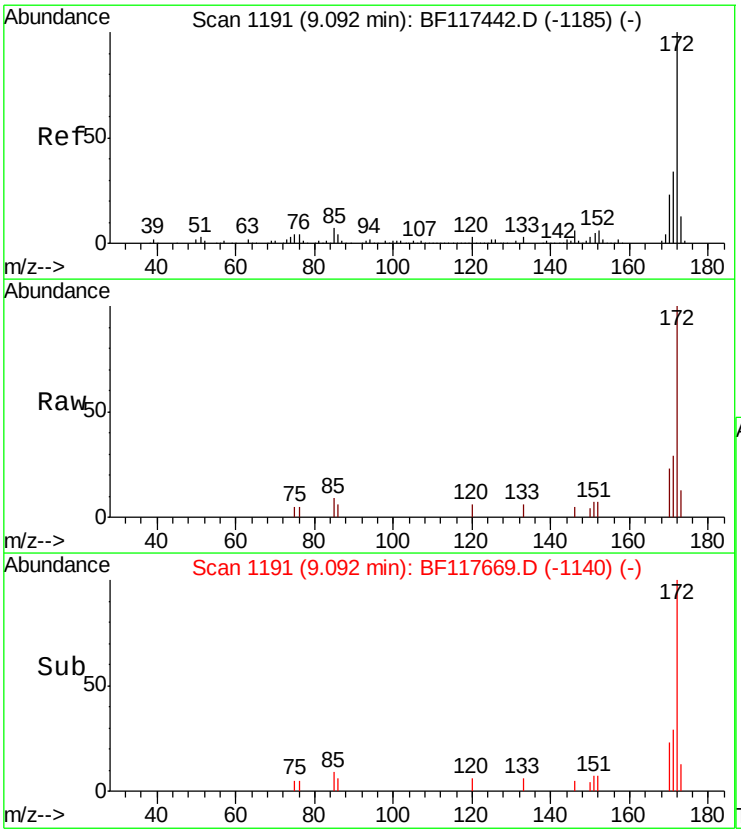
#42
2,4,6-Tribromophenol
Concen: 2.386 ng
RT: 10.57 min Scan# 1443
Delta R.T. 0.01 min
Lab File: BF117669.D
Acq: 31 Oct 2019 20:13

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 1712

Ion	Ratio	Lower	Upper
330	100		
332	91.5	78.5	117.7
141	42.4	37.0	55.6

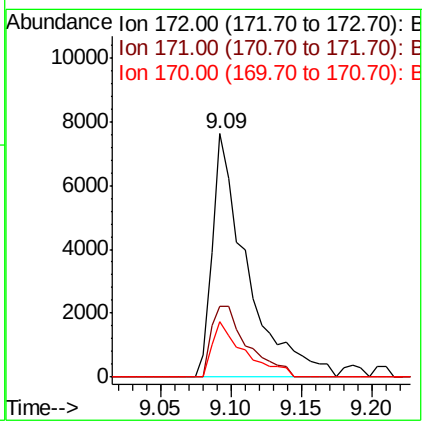


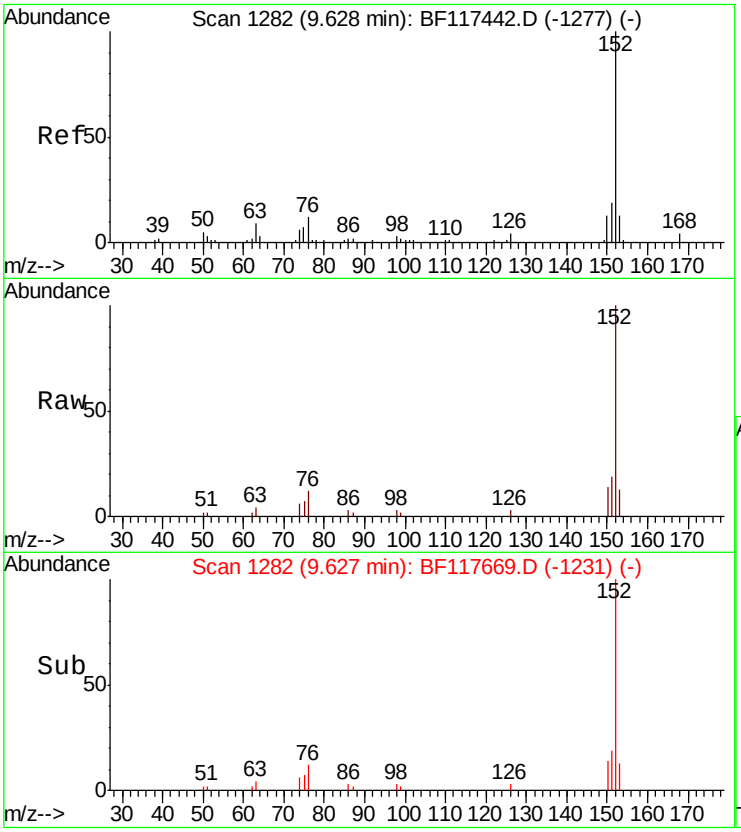


#45
2-Fluorobiphenyl
Concen: 2.219 ng
RT: 9.09 min Scan# 1191
Delta R.T. -0.00 min
Lab File: BF117669.D
Acq: 31 Oct 2019 20:13

Tgt Ion:172 Resp: 13060

Ion	Ratio	Lower	Upper
172	100		
171	29.0	27.5	41.3
170	23.0	18.6	27.8



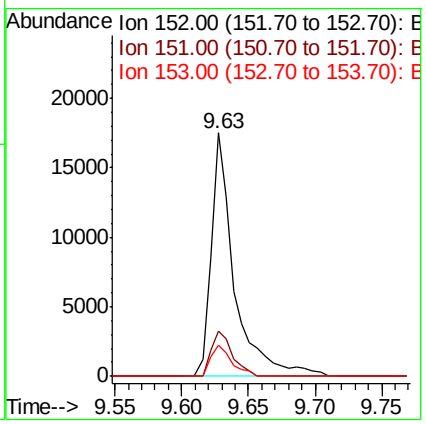


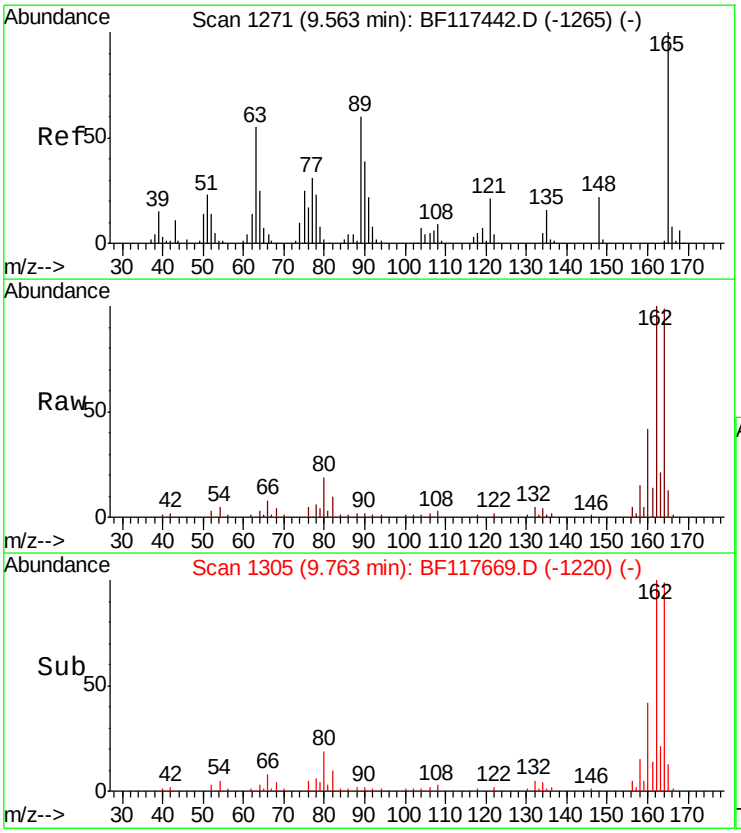
#49
Acenaphthylene
Concen: 2.791 ng
RT: 9.63 min Scan# 1282
Delta R.T. -0.00 min
Lab File: BF117669.D
Acq: 31 Oct 2019 20:13

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 21219

Ion	Ratio	Lower	Upper
152	100		
151	18.7	15.4	23.0
153	12.7	10.3	15.5

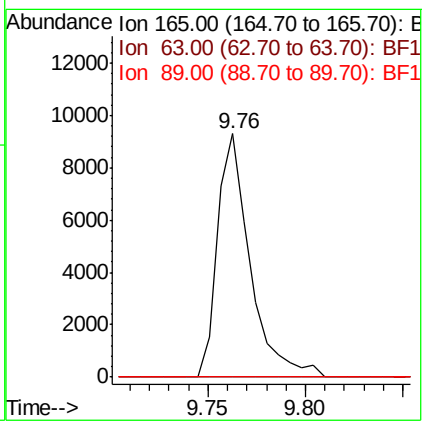


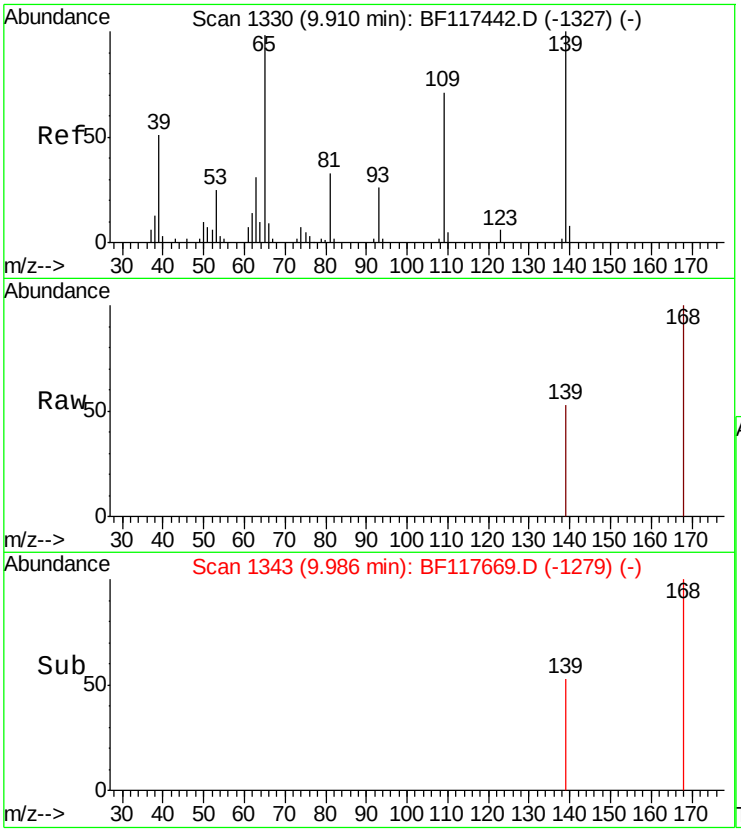


#51
2,6-Dinitrotoluene
Concen: 8.732 ng
RT: 9.76 min Scan# 1305
Delta R.T. 0.20 min
Lab File: BF117669.D
Acq: 31 Oct 2019 20:13

Tgt Ion:165 Resp: 10771

Ion	Ratio	Lower	Upper
165	100		
63	0.0	43.8	65.8#
89	0.0	47.6	71.4#



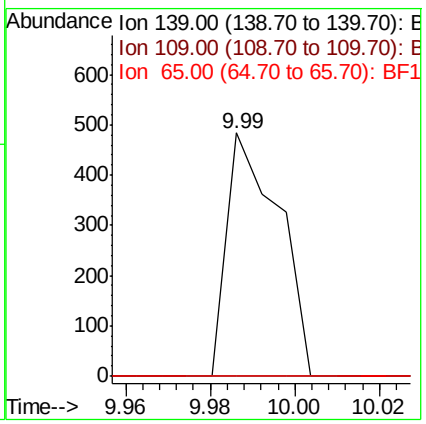


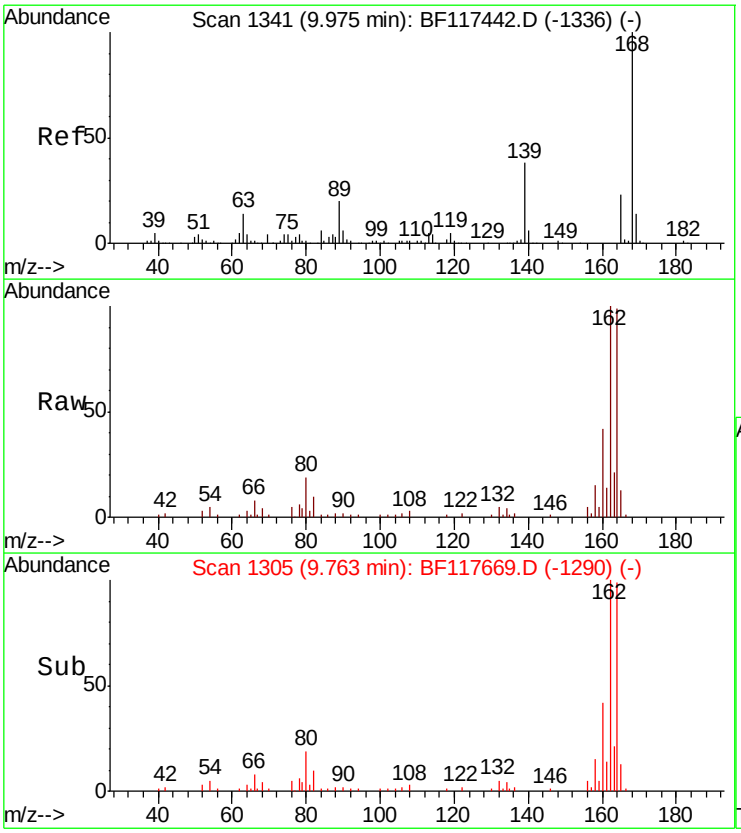
#56
4-Nitrophenol
Concen: 4.700 ng
RT: 9.99 min Scan# 1343
Delta R.T. 0.08 min
Lab File: BF117669.D
Acq: 31 Oct 2019 20:13

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:139 Resp: 414

Ion	Ratio	Lower	Upper
139	100		
109	0.0	51.4	91.4#
65	0.0	79.4	119.4#

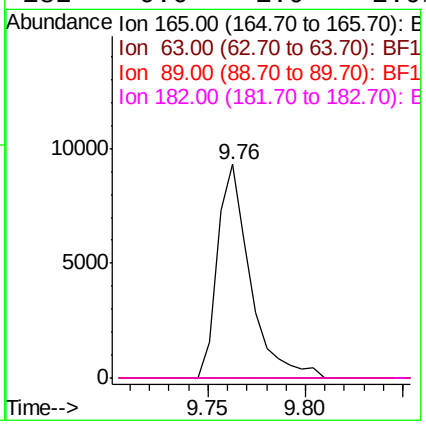


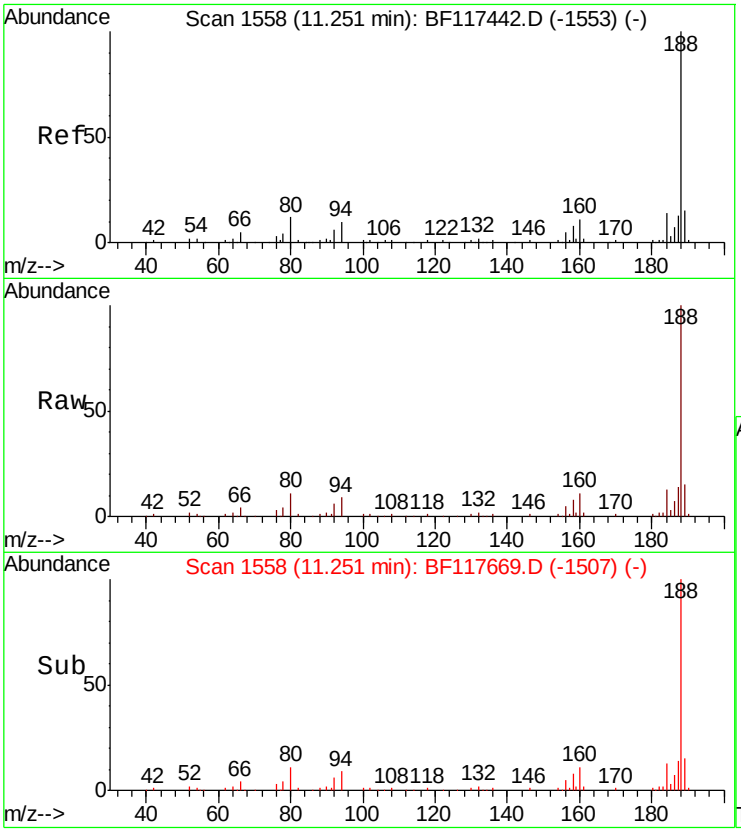


#57
2,4-Dinitrotoluene
Concen: 6.567 ng
RT: 9.76 min Scan# 1305
Delta R.T. -0.21 min
Lab File: BF117669.D
Acq: 31 Oct 2019 20:13

Tgt Ion:165 Resp: 10771

Ion	Ratio	Lower	Upper
165	100		
63	0.0	51.4	77.0#
89	0.0	69.9	104.9#
182	0.0	1.9	2.9#



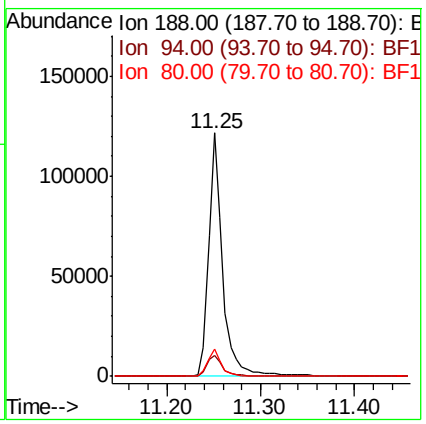


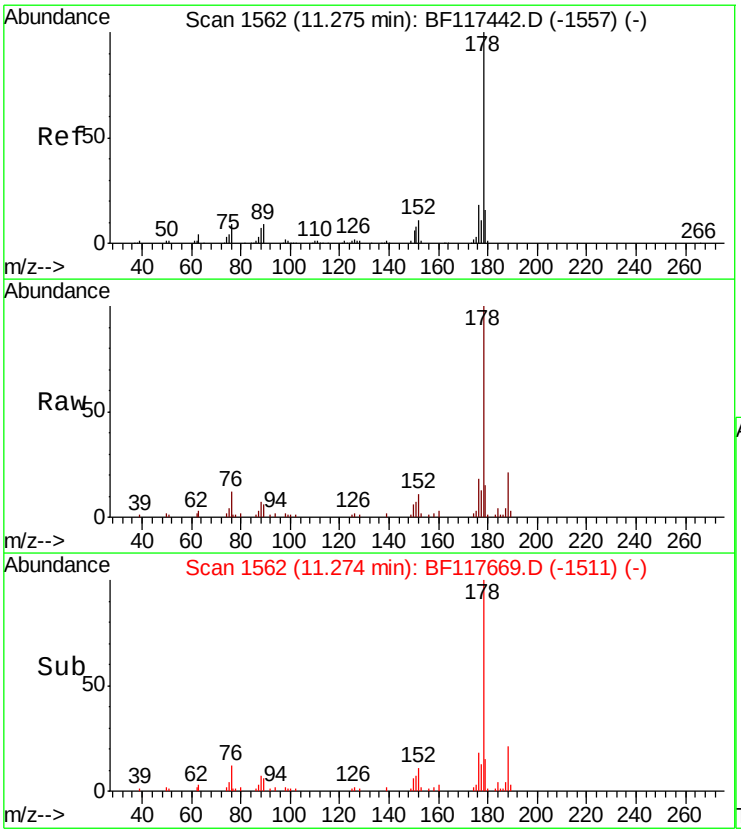
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.25 min Scan# 1558
Delta R.T. -0.00 min
Lab File: BF117669.D
Acq: 31 Oct 2019 20:13

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 127890

Ion	Ratio	Lower	Upper
188	100		
94	8.6	8.0	12.0
80	11.5	9.5	14.3

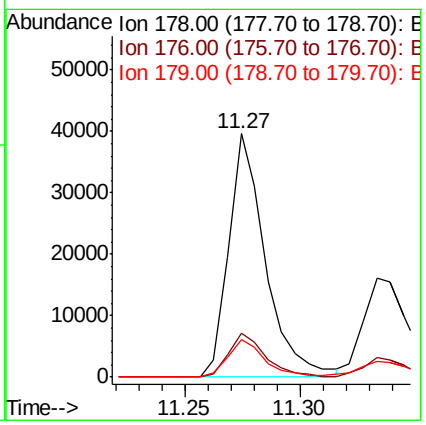


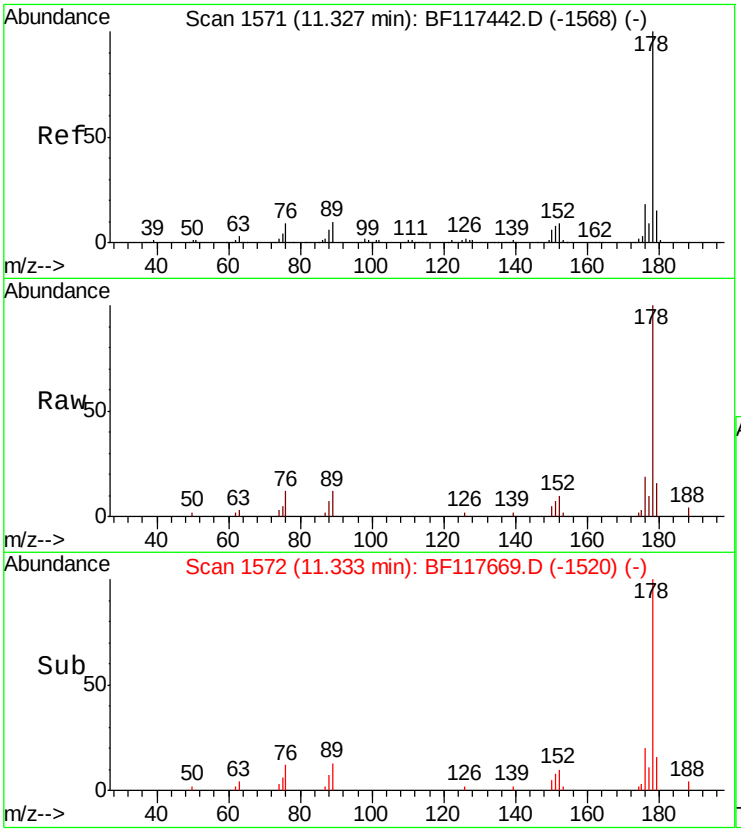


#71
Phenanthrene
Concen: 5.919 ng
RT: 11.27 min Scan# 1562
Delta R.T. -0.00 min
Lab File: BF117669.D
Acq: 31 Oct 2019 20:13

Tgt Ion:178 Resp: 43958

Ion	Ratio	Lower	Upper
178	100		
176	18.1	14.6	22.0
179	15.3	12.6	19.0



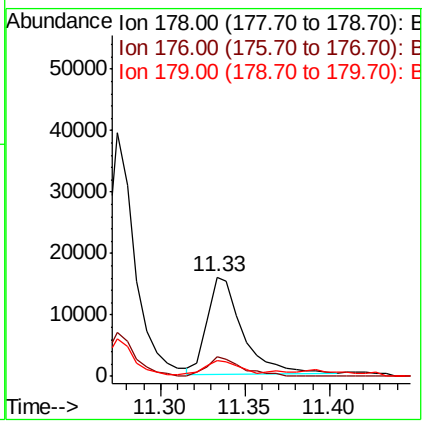


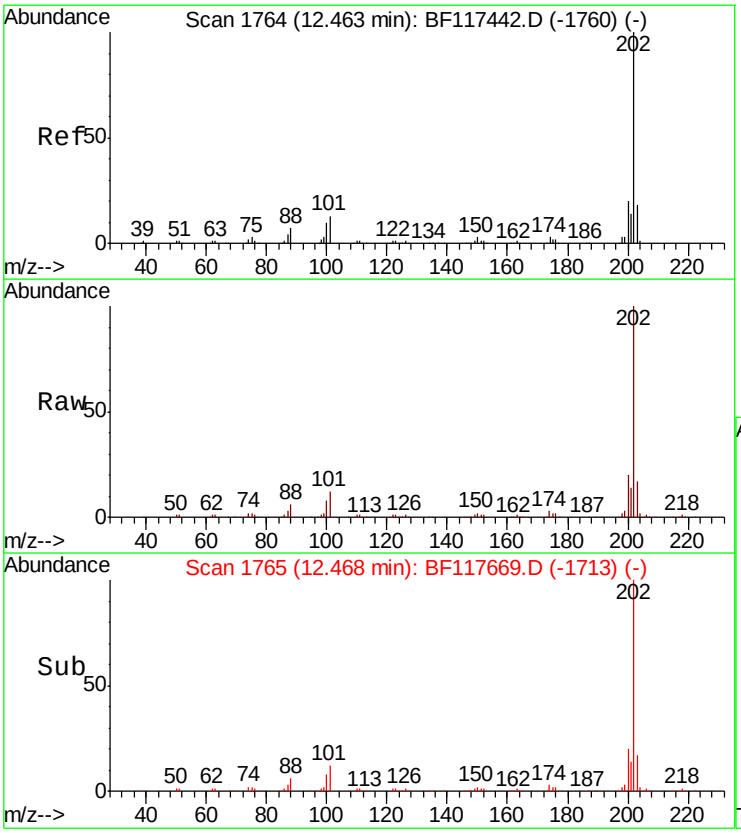
#72
Anthracene
Concen: 3.026 ng
RT: 11.33 min Scan# 1572
Delta R.T. 0.01 min
Lab File: BF117669.D
Acq: 31 Oct 2019 20:13

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 23054

Ion	Ratio	Lower	Upper
178	100		
176	19.2	14.7	22.1
179	15.6	12.2	18.2

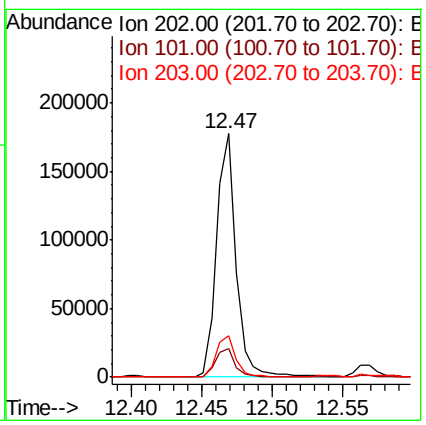


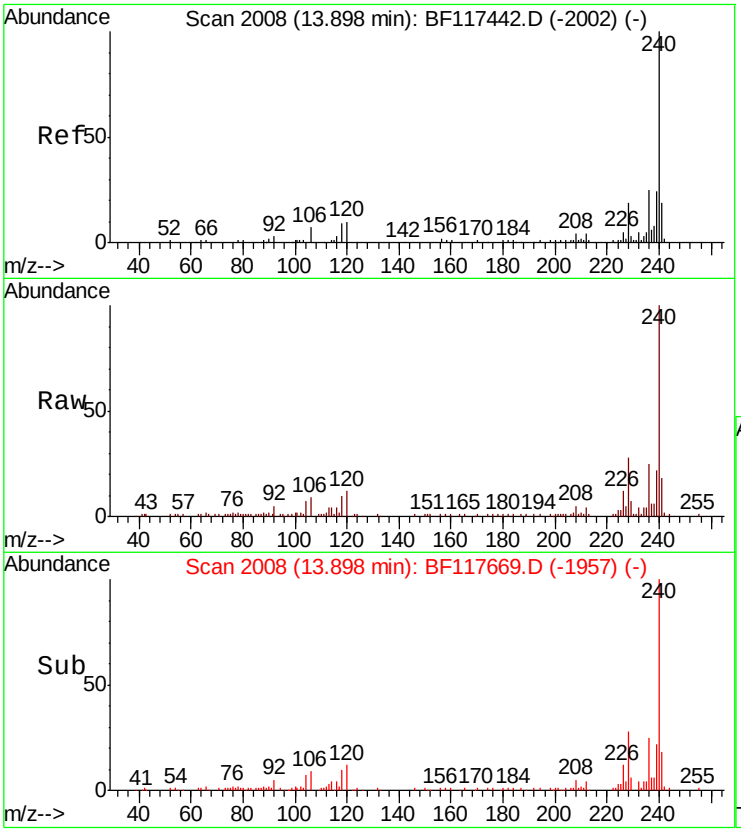


#75
Fluoranthene
Concen: 23.059 ng
RT: 12.47 min Scan# 1765
Delta R.T. 0.01 min
Lab File: BF117669.D
Acq: 31 Oct 2019 20:13

Tgt Ion:202 Resp: 171421

Ion	Ratio	Lower	Upper
202	100		
101	11.5	0.0	32.7
203	17.1	0.0	37.6



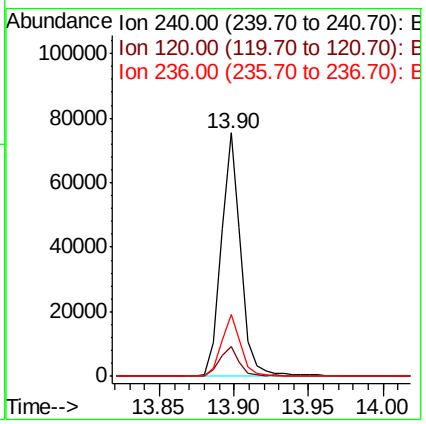


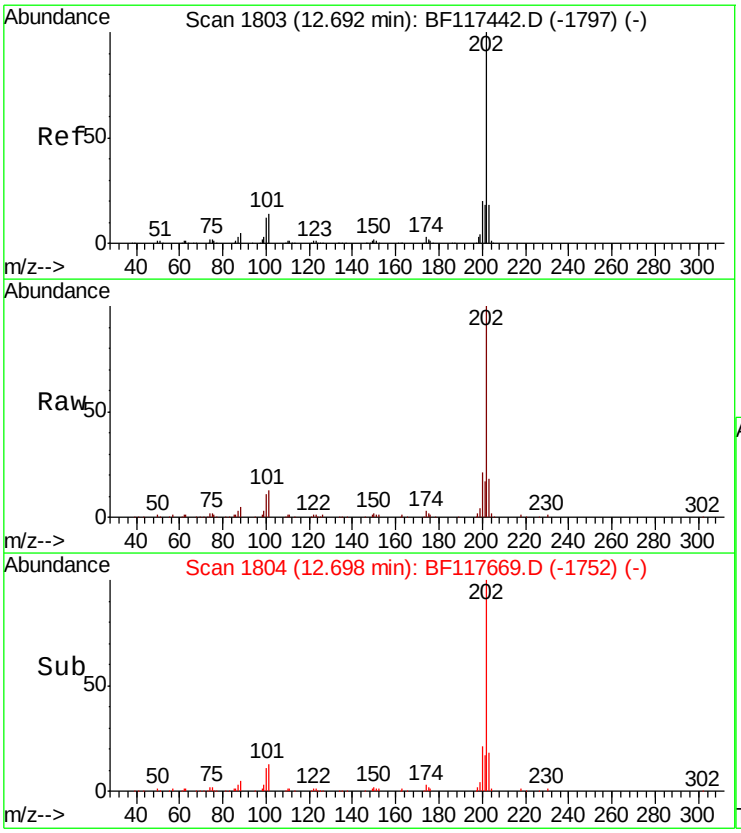
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.90 min Scan# 2008
Delta R.T. -0.00 min
Lab File: BF117669.D
Acq: 31 Oct 2019 20:13

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 69883

Ion	Ratio	Lower	Upper
240	100		
120	12.2	8.4	12.6
236	25.3	20.0	30.0

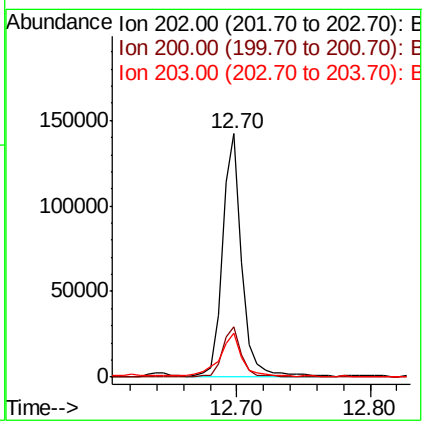


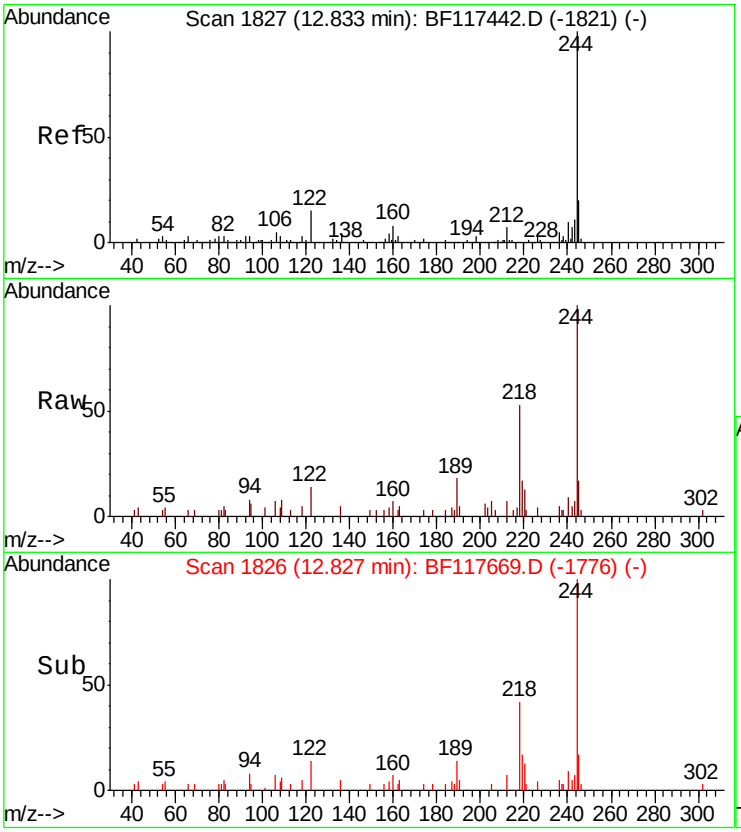


#78
Pyrene
Concen: 23.839 ng
RT: 12.70 min Scan# 1804
Delta R.T. 0.01 min
Lab File: BF117669.D
Acq: 31 Oct 2019 20:13

Tgt Ion:202 Resp: 143096

Ion	Ratio	Lower	Upper
202	100		
200	20.9	16.2	24.2
203	17.8	14.0	21.0



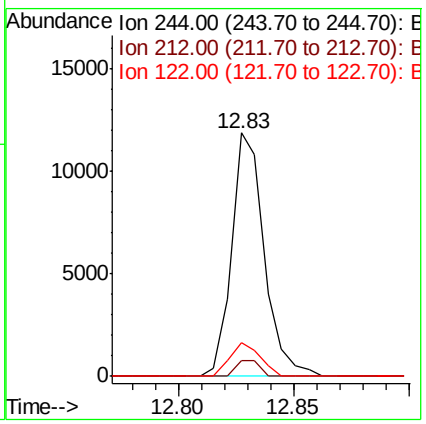


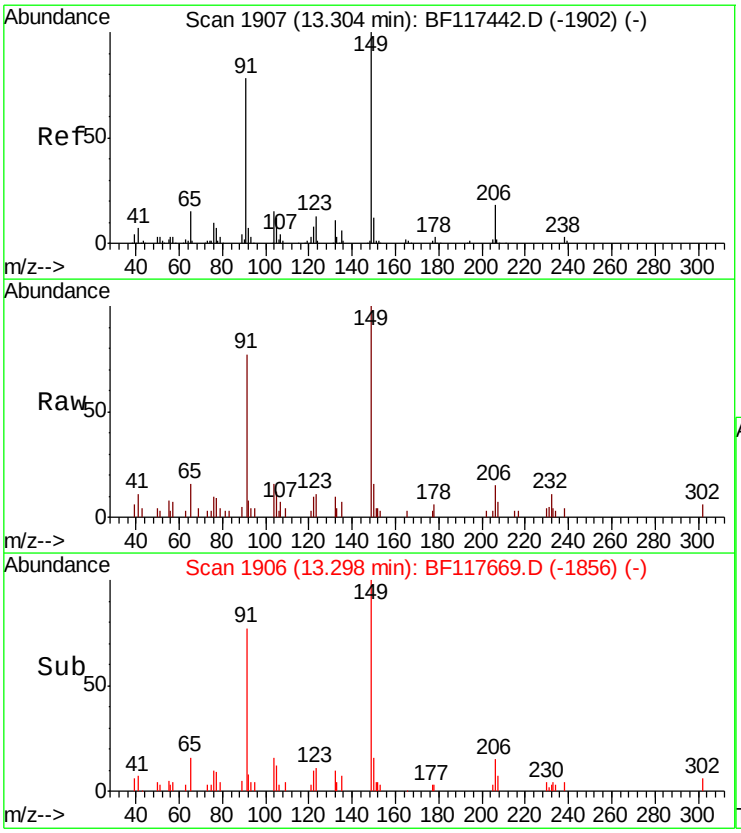
#79
Terphenyl-d14
Concen: 2.729 ng
RT: 12.83 min Scan# 1826
Delta R.T. -0.01 min
Lab File: BF117669.D
Acq: 31 Oct 2019 20:13

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 11693

Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.8	8.6
122	13.9	11.8	17.8

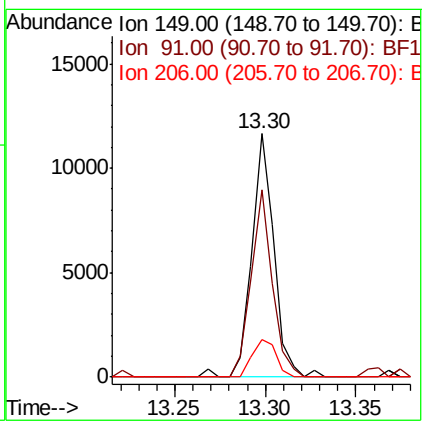


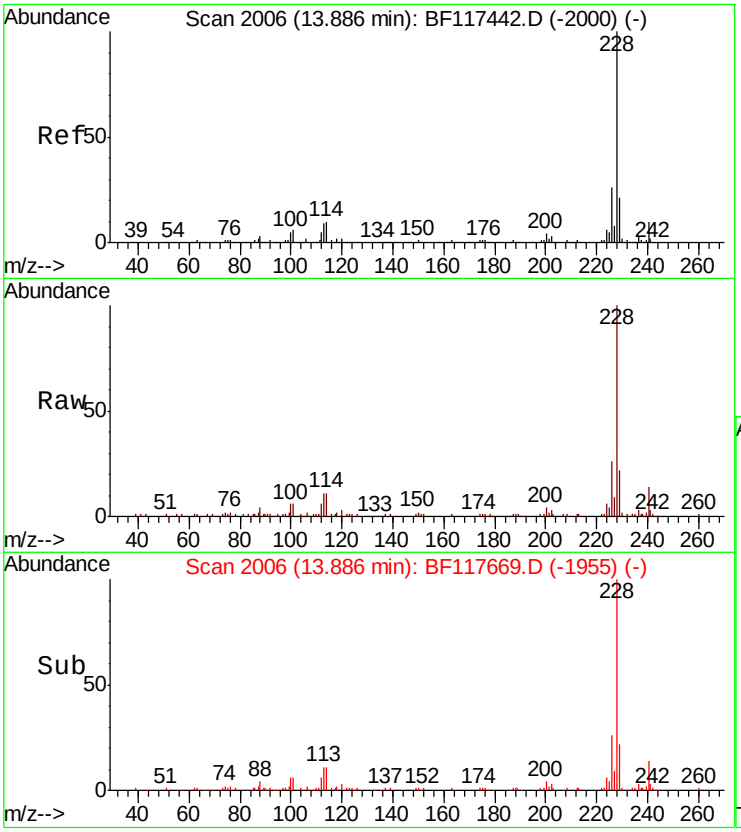


#80
Butylbenzylphthalate
Concen: 3.317 ng
RT: 13.30 min Scan# 1906
Delta R.T. -0.01 min
Lab File: BF117669.D
Acq: 31 Oct 2019 20:13

Tgt Ion:149 Resp: 9907

Ion	Ratio	Lower	Upper
149	100		
91	77.0	62.1	93.1
206	15.5	14.3	21.5



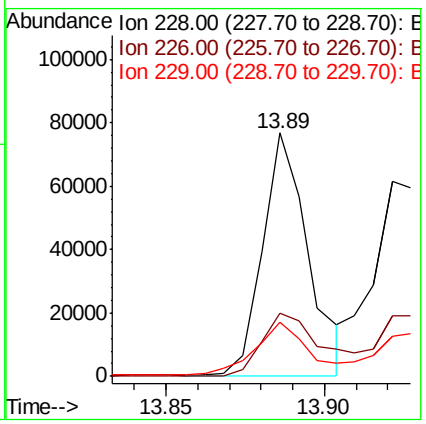


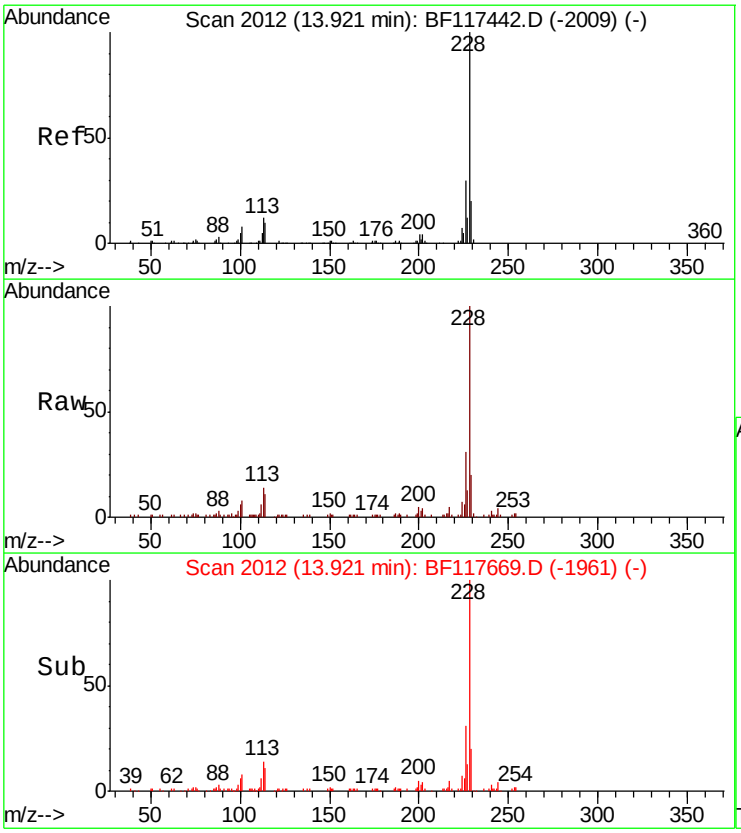
#81
Benzo(a)anthracene
Concen: 16.392 ng
RT: 13.89 min Scan# 2006
Delta R.T. -0.00 min
Lab File: BF117669.D
Acq: 31 Oct 2019 20:13

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 77269

Ion	Ratio	Lower	Upper
228	100		
226	25.8	21.0	31.4
229	22.2	16.4	24.6

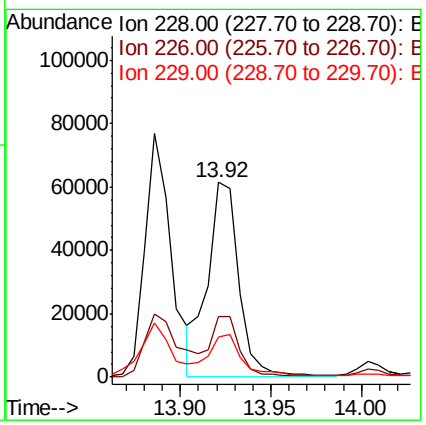


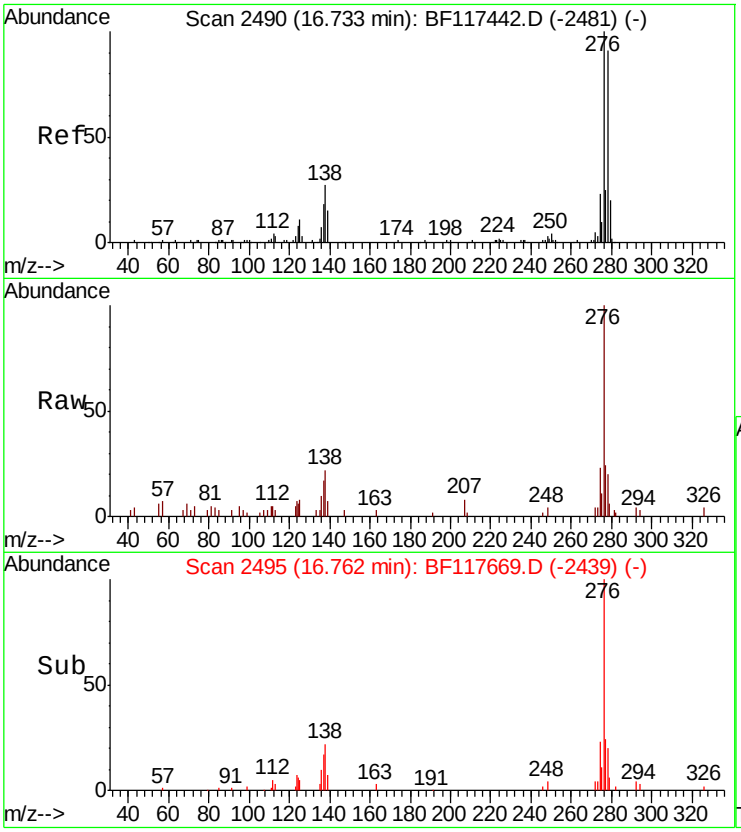


#83
Chrysene
Concen: 16.242 ng
RT: 13.92 min Scan# 2012
Delta R.T. -0.00 min
Lab File: BF117669.D
Acq: 31 Oct 2019 20:13

Tgt Ion:228 Resp: 75037

Ion	Ratio	Lower	Upper
228	100		
226	31.2	23.9	35.9
229	20.4	15.8	23.6



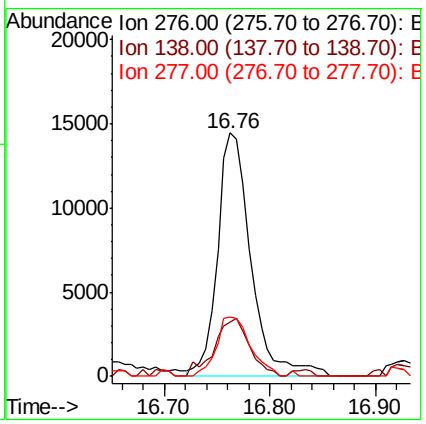


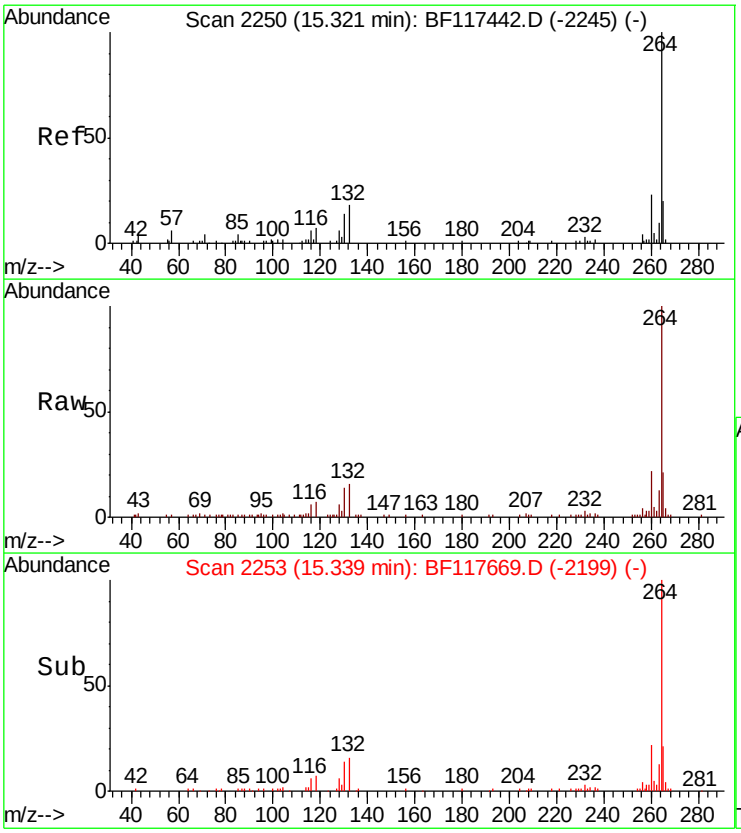
#86
Indeno(1,2,3-cd)pyrene
Concen: 9.219 ng
RT: 16.76 min Scan# 2495
Delta R.T. 0.03 min
Lab File: BF117669.D
Acq: 31 Oct 2019 20:13

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 31798

Ion	Ratio	Lower	Upper
276	100		
138	24.9	21.8	32.8
277	24.6	20.0	30.0

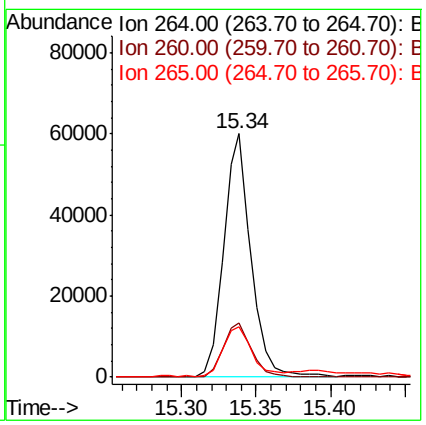


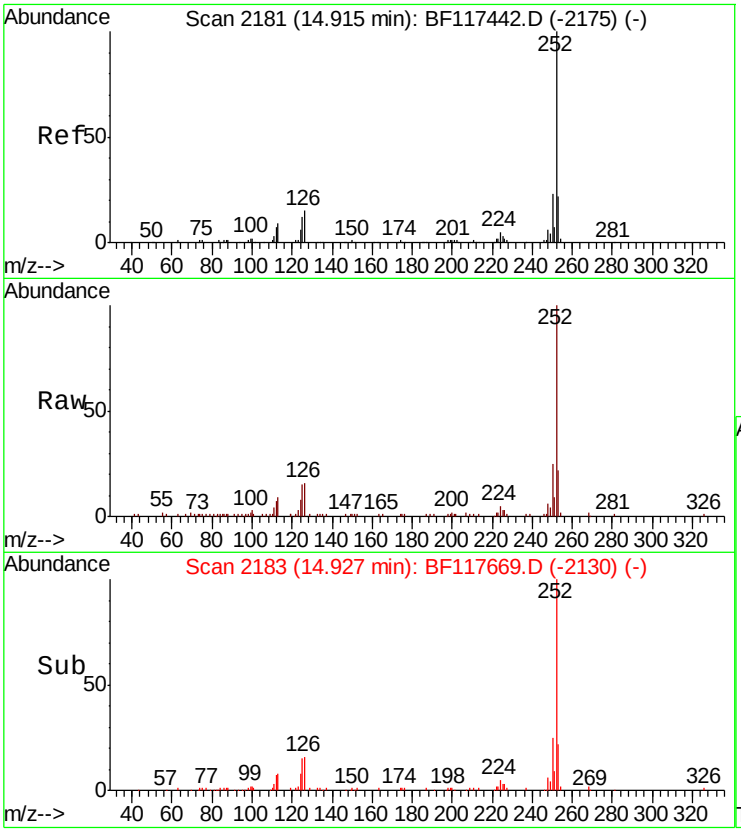


#87
Perylene-d12
Concen: 20.000 ng
RT: 15.34 min Scan# 2253
Delta R.T. 0.02 min
Lab File: BF117669.D
Acq: 31 Oct 2019 20:13

Tgt Ion:264 Resp: 76810

Ion	Ratio	Lower	Upper
264	100		
260	22.1	18.4	27.6
265	20.7	16.1	24.1



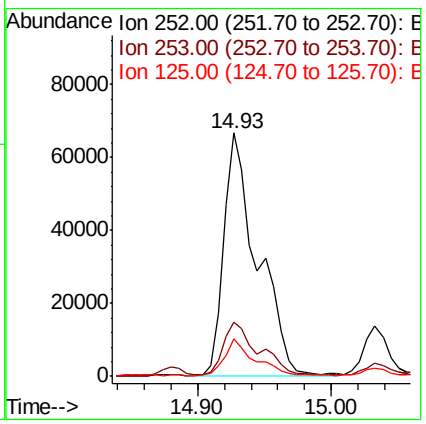


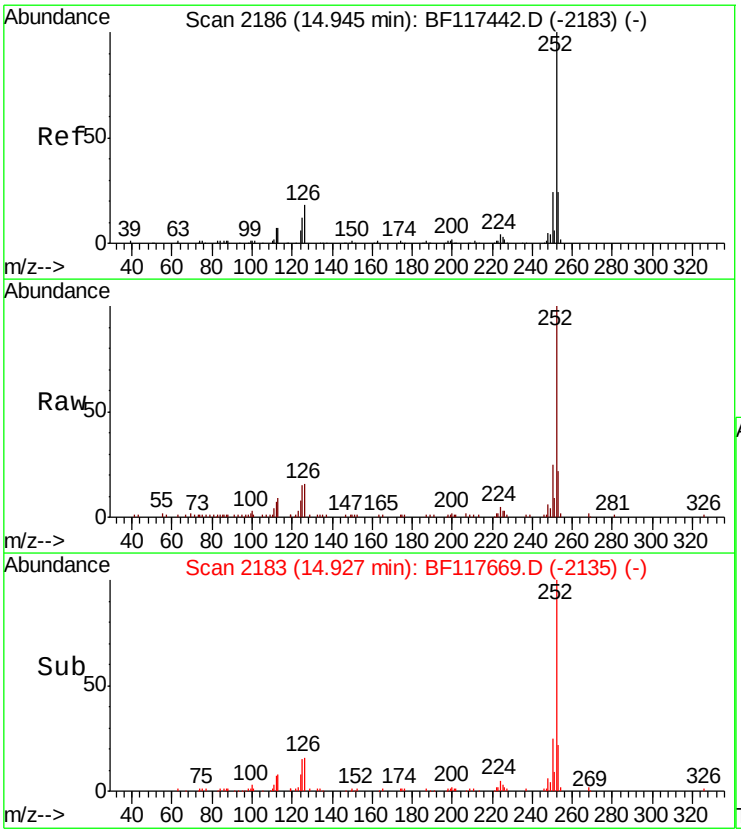
#88
Benzo(b)fluoranthene
Concen: 26.123 ng
RT: 14.93 min Scan# 2183
Delta R.T. 0.01 min
Lab File: BF117669.D
Acq: 31 Oct 2019 20:13

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 118487

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.8	26.6
125	15.5	9.9	14.9#

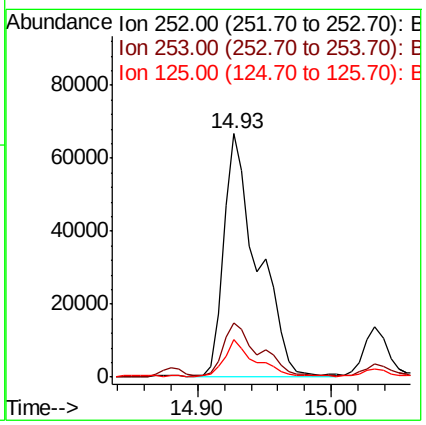


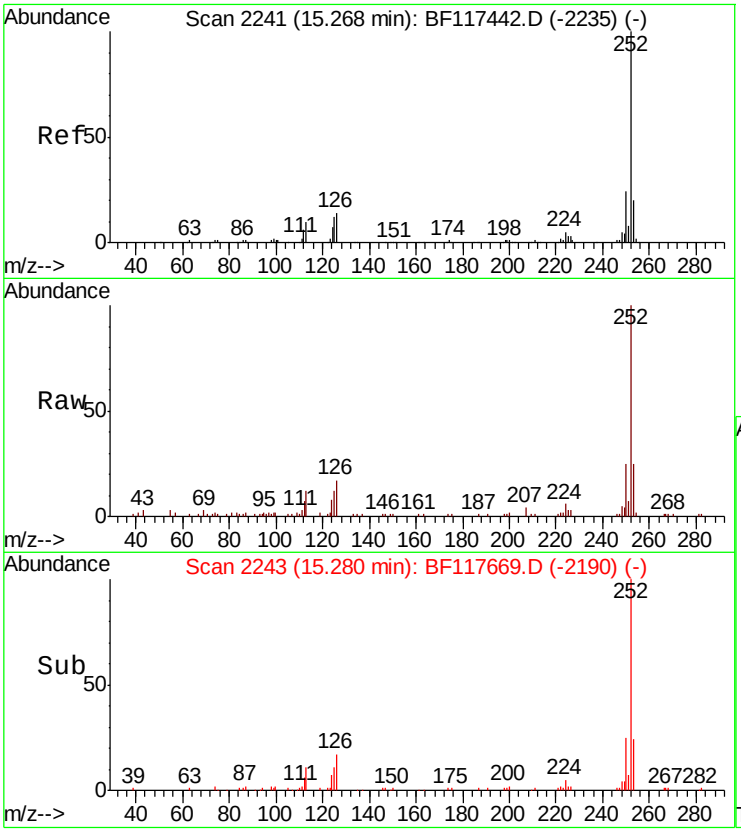


#89
Benzo(k)fluoranthene
Concen: 25.487 ng
RT: 14.93 min Scan# 2183
Delta R.T. -0.02 min
Lab File: BF117669.D
Acq: 31 Oct 2019 20:13

Tgt Ion:252 Resp: 118487

Ion	Ratio	Lower	Upper
252	100		
253	22.0	18.0	27.0
125	15.5	8.9	13.3#



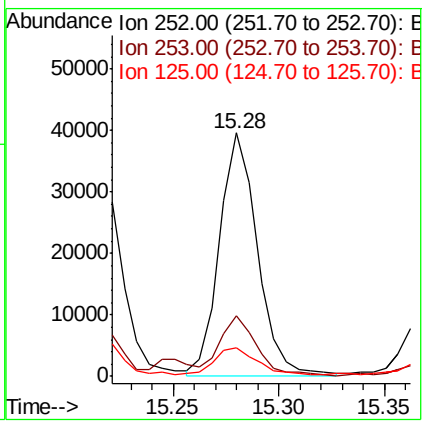


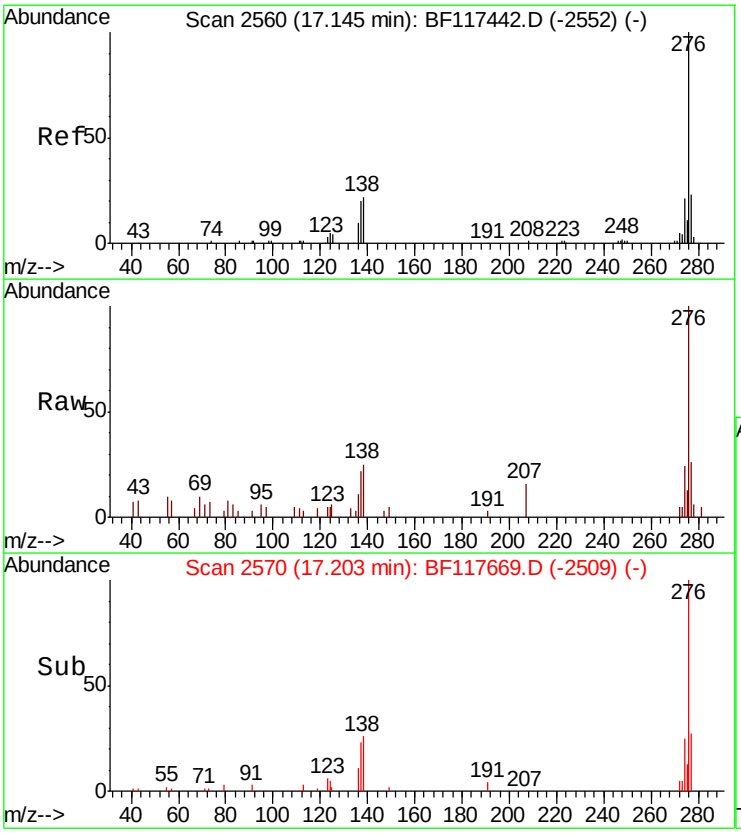
#90
Benzo(a)pyrene
Concen: 12.001 ng
RT: 15.28 min Scan# 2243
Delta R.T. 0.01 min
Lab File: BF117669.D
Acq: 31 Oct 2019 20:13

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 49491

Ion	Ratio	Lower	Upper
252	100		
253	24.9	16.3	24.5#
125	11.7	9.2	13.8





#92
Benzo(g,h,i)perylene
Concen: 7.590 ng
RT: 17.20 min Scan# 2570
Delta R.T. 0.06 min
Lab File: BF117669.D
Acq: 31 Oct 2019 20:13

Tgt Ion:276 Resp: 25609

Ion	Ratio	Lower	Upper
276	100		
277	25.7	18.4	27.6
138	24.8	17.8	26.6