Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF103019\
Data File : BF117649.D
Acq On : 31 Oct 2019 6:41
Operator : JU
Sample : K5148-13DL 5X
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Oct 31 07:59:45 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	30360	20.00	ng		0.00
21) Naphthalene-d8	8.01	136	126576	20.00	ng		0.00
39) Acenaphthene-d10	9.76	164	57960	20.00	ng		0.00
64) Phenanthrene-d10	11.25	188	87411	20.00	ng		0.00
76) Chrysene-d12	13.90	240	71592	20.00	ng		0.00
87) Perylene-d12	15.33	264	54672	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.37	112	28094	13.77	ng		0.02
7) Phenol-d6	6.40	99	44152	16.11	ng		0.02
23) Nitrobenzene-d5	7.32	82	25095	9.79	ng		0.01
42) 2,4,6-Tribromophenol	10.57	330	6320	12.60	ng		0.00
45) 2-Fluorobiphenyl	9.09	172	44446	10.80	ng		0.00
79) Terphenyl-d14	12.83	244	40943	9.33	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.51	77	832	Below Cal		#	3
25) Isophorone	7.32	82	25095	5.658	ng	#	65
51) 2,6-Dinitrotoluene	9.76	165	7109	8.245	ng	#	22
56) 4-Nitrophenol	9.99	139	676	5.461	ng	#	6
57) 2,4-Dinitrotoluene	9.76	165	7109	6.201	ng	#	12
71) Phenanthrene	11.27	178	29139	5.741	ng		98
72) Anthracene	11.33	178	11667	2.240	ng		96
75) Fluoranthene	12.47	202	69068	13.593	ng		97
77) Benzidine	12.83	184	570	Below Cal		#	67
78) Pyrene	12.70	202	64734	10.527	ng		96
81) Benzo(a)anthracene	13.89	228	25486	5.278	ng		95
83) Chrysene	13.92	228	23061	4.873	ng		98
88) Benzo(b)fluoranthene	14.93	252	26306	8.148	ng	#	92
89) Benzo(k)fluoranthene	14.93	252	26306	7.950	ng	#	91
90) Benzo(a)pyrene	15.28	252	14212	4.842	ng	#	91
92) Benzo(g,h,i)perylene	17.20	276	5811	2.420	ng	#	88

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

Quantitation Report (Not Reviewed)

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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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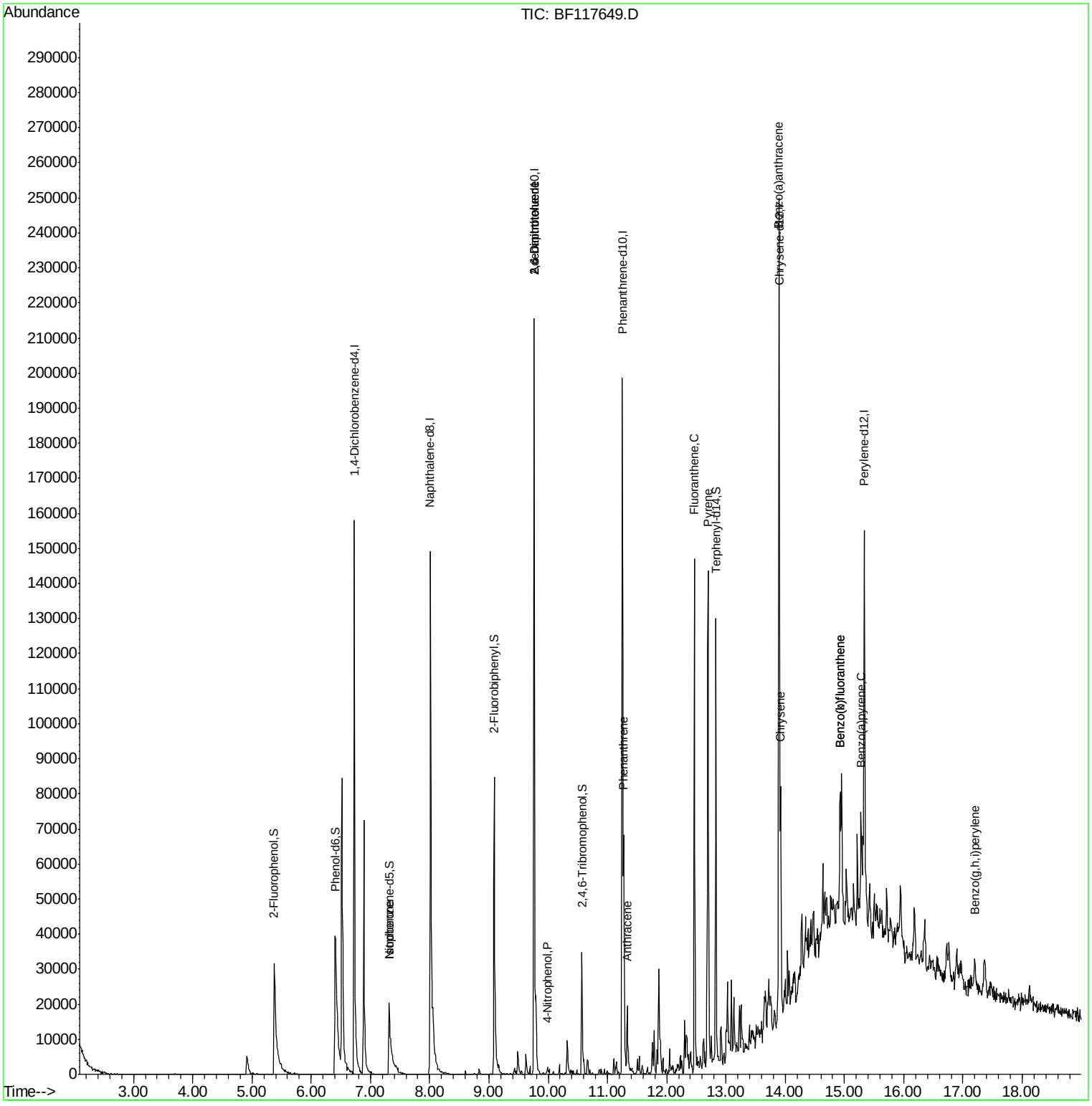
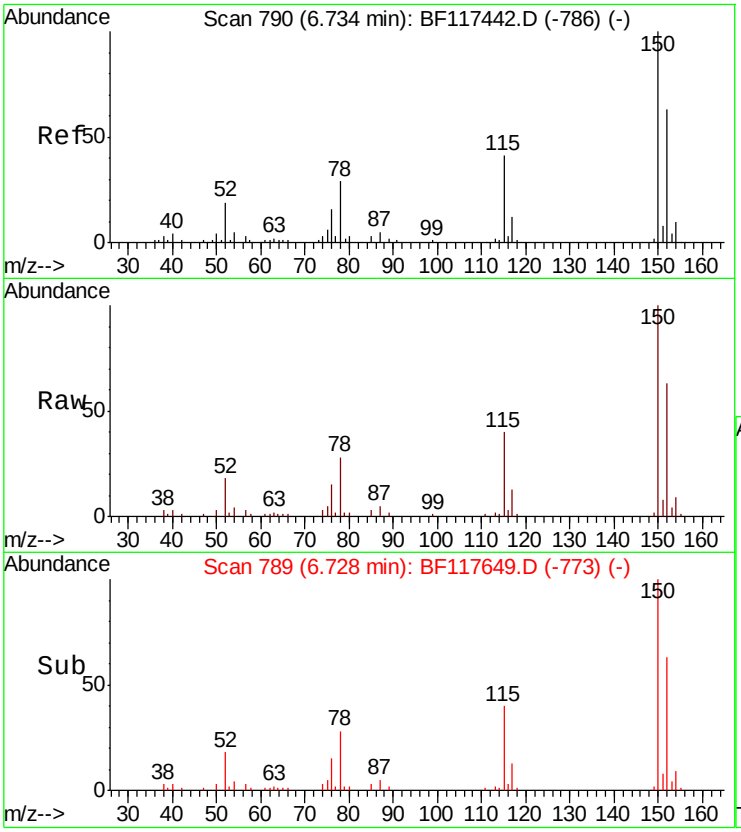


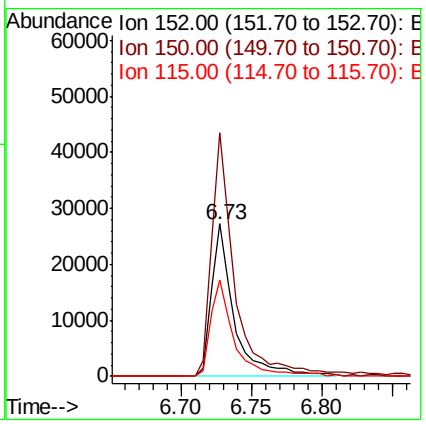


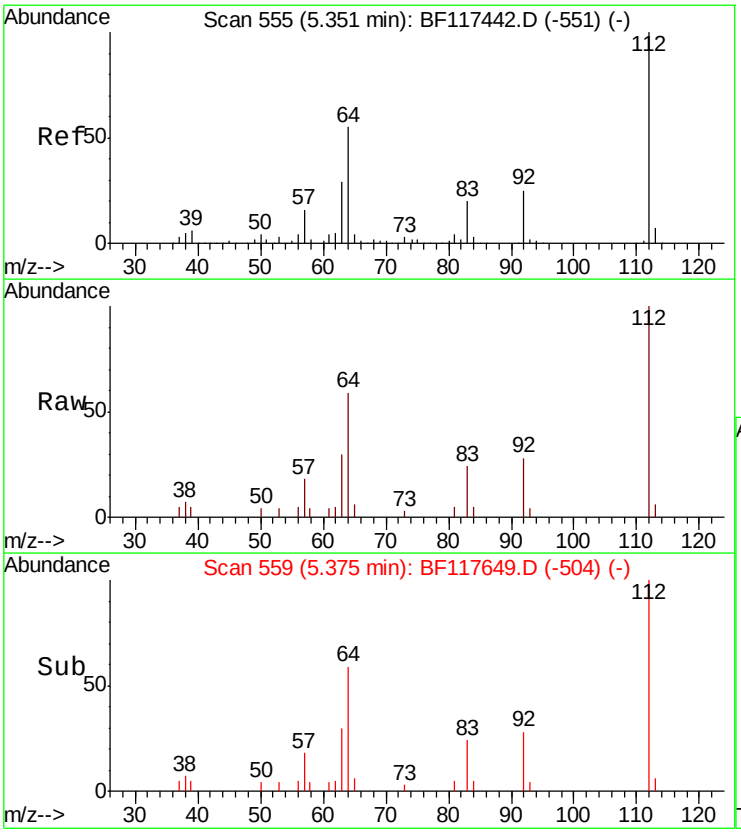
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 789
Delta R.T. -0.01 min
Lab File: BF117649.D
Acq: 31 Oct 2019 6:41

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 30360

Ion	Ratio	Lower	Upper
152	100		
150	159.9	126.8	190.2
115	63.3	51.6	77.4

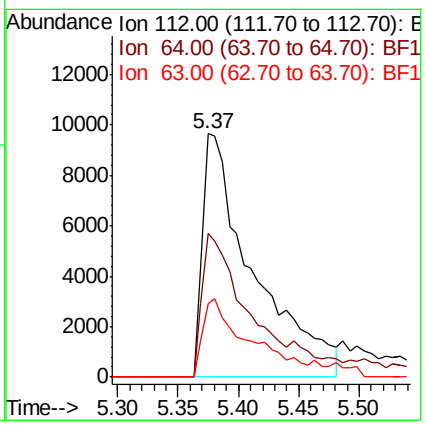


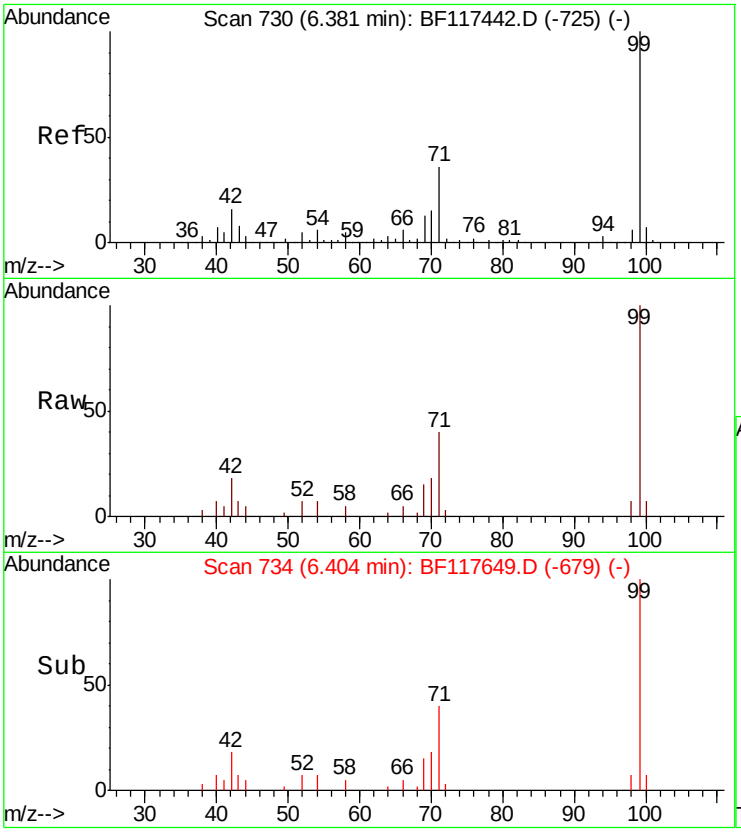


#5
2-Fluorophenol
Concen: 13.767 ng
RT: 5.37 min Scan# 559
Delta R.T. 0.02 min
Lab File: BF117649.D
Acq: 31 Oct 2019 6:41

Tgt Ion:112 Resp: 28094

Ion	Ratio	Lower	Upper
112	100		
64	59.3	44.1	66.1
63	30.0	23.4	35.2



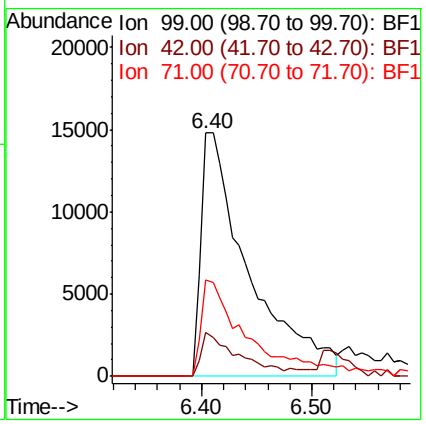


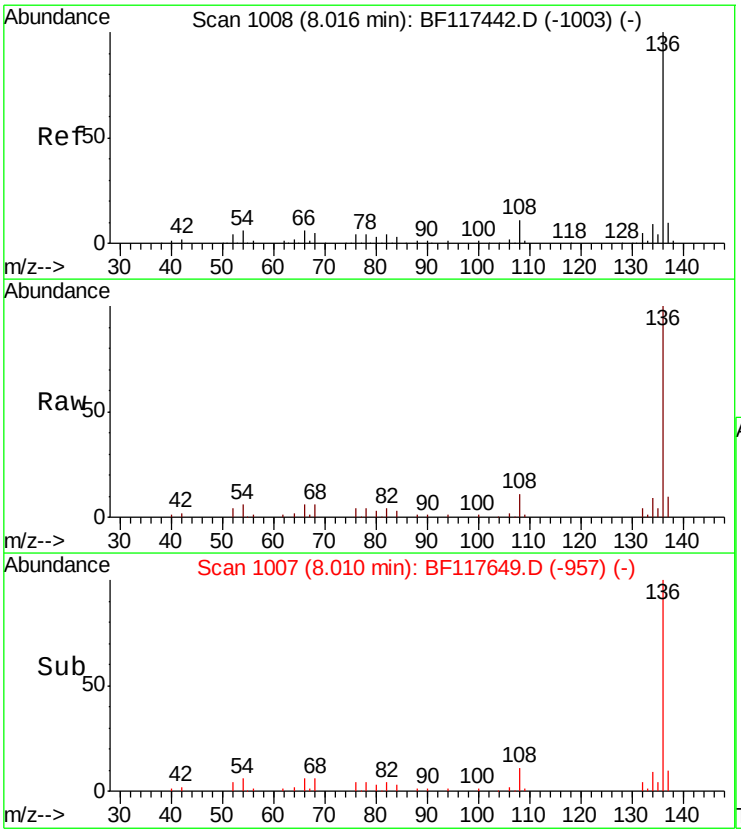
#7
Phenol-d6
Concen: 16.108 ng
RT: 6.40 min Scan# 734
Delta R.T. 0.02 min
Lab File: BF117649.D
Acq: 31 Oct 2019 6:41

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 44152

Ion	Ratio	Lower	Upper
99	100		
42	18.1	12.8	19.2
71	39.5	28.6	43.0

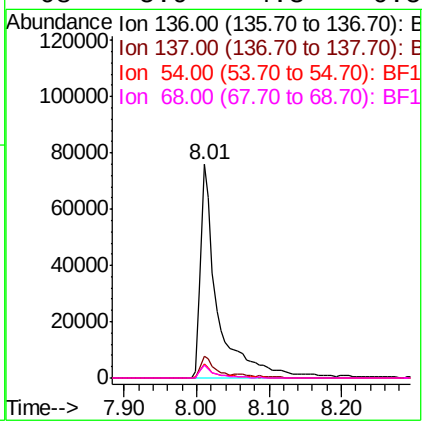


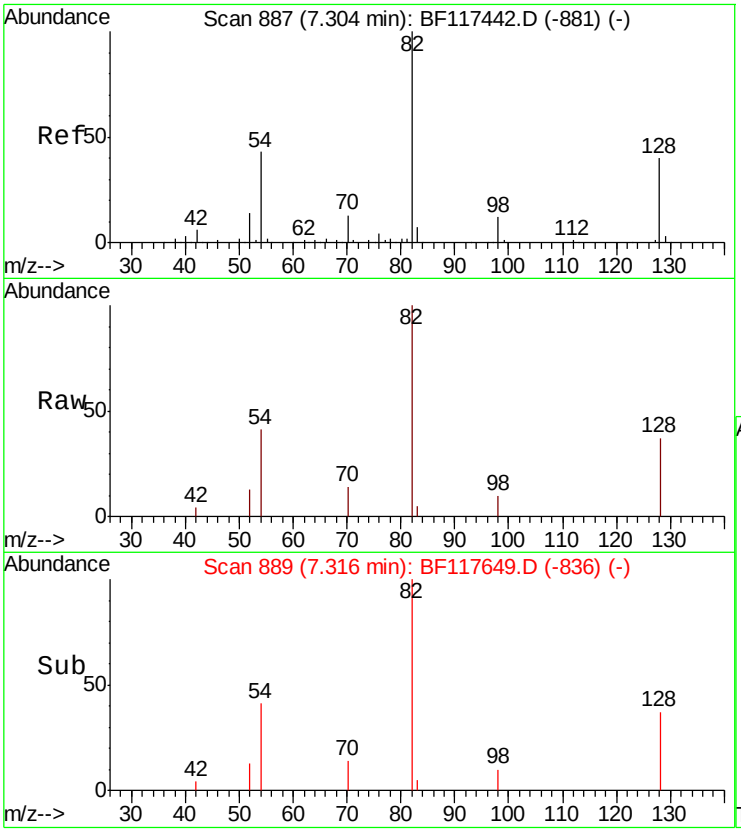


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.01 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BF117649.D
Acq: 31 Oct 2019 6:41

Tgt Ion:136 Resp: 126576

Ion	Ratio	Lower	Upper
136	100		
137	10.3	8.2	12.4
54	6.5	4.5	6.7
68	5.9	4.3	6.5



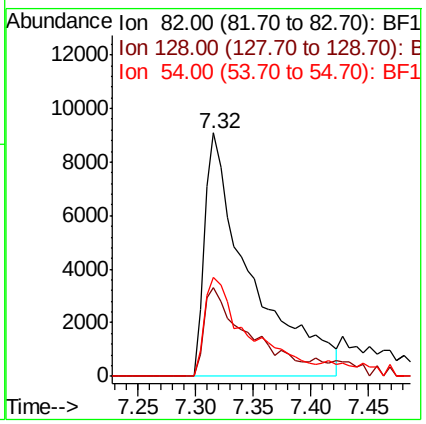


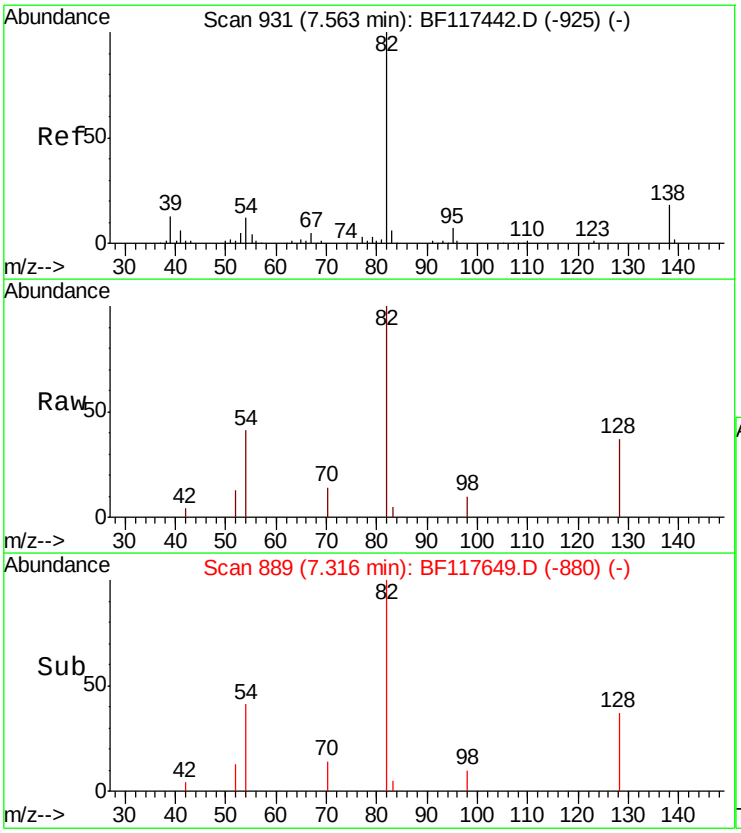
#23
Nitrobenzene-d5
Concen: 9.788 ng
RT: 7.32 min Scan# 889
Delta R.T. 0.01 min
Lab File: BF117649.D
Acq: 31 Oct 2019 6:41

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 25095

Ion	Ratio	Lower	Upper
82	100		
128	36.6	32.2	48.2
54	40.8	34.2	51.2

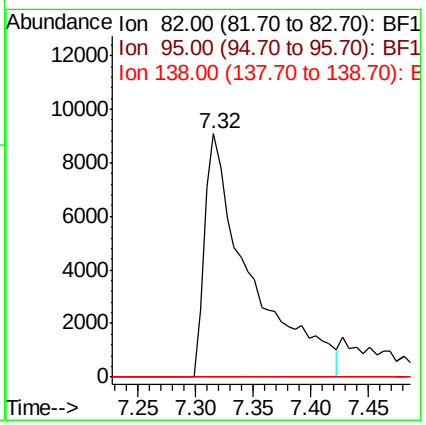


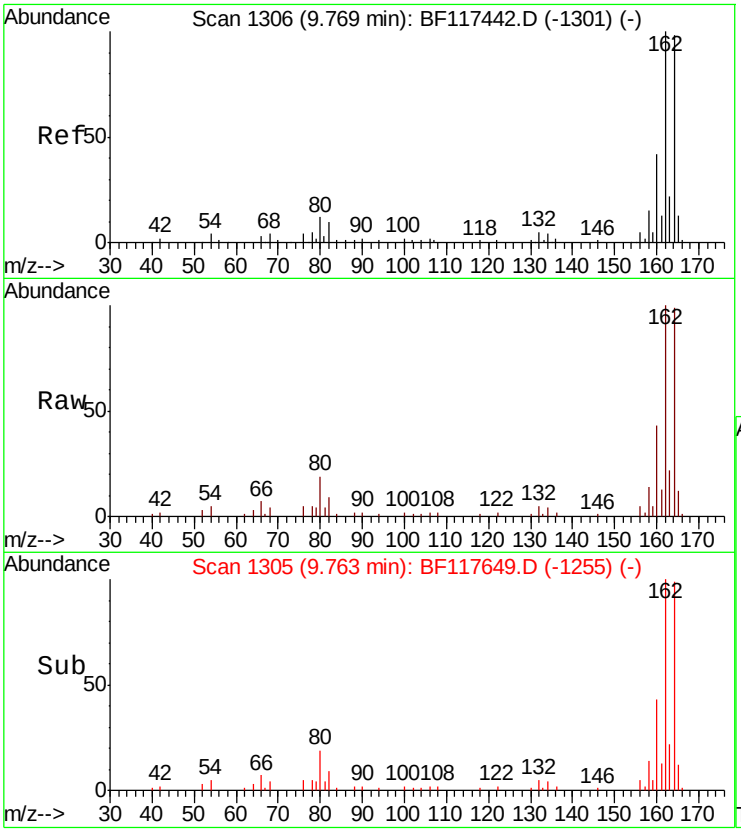


#25
Isophorone
Concen: 5.658 ng
RT: 7.32 min Scan# 889
Delta R.T. -0.25 min
Lab File: BF117649.D
Acq: 31 Oct 2019 6:41

Tgt Ion: 82 Resp: 25095

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.4	8.0#
138	0.0	14.2	21.2#



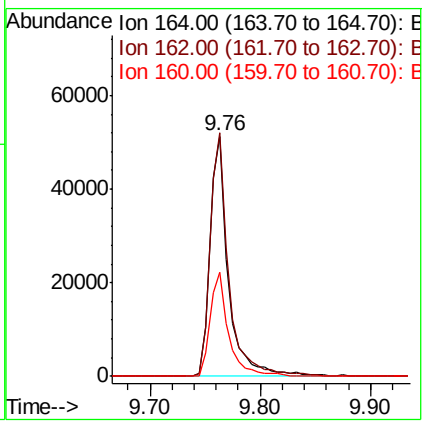


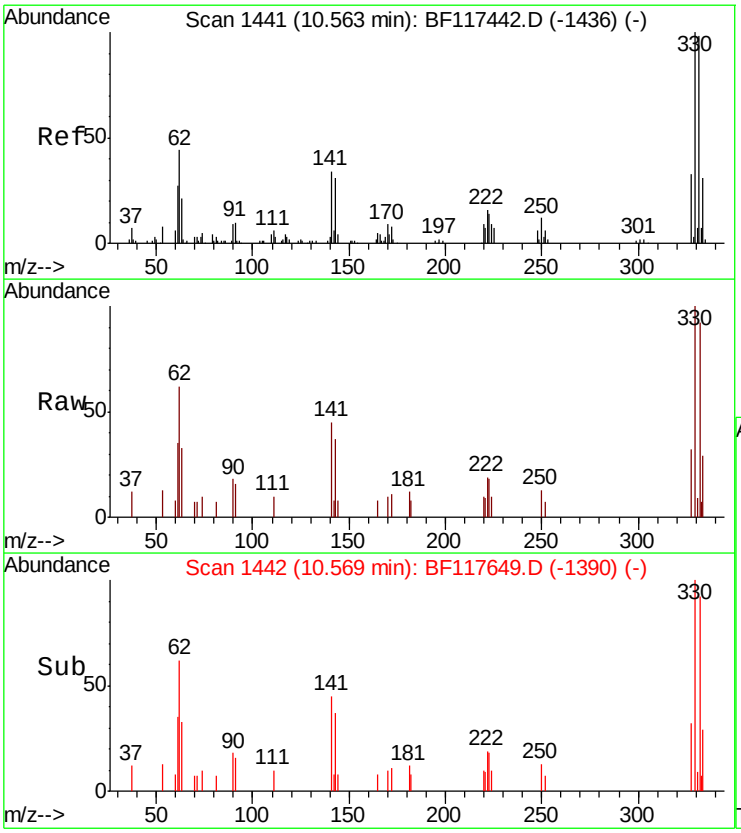
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.76 min Scan# 1305
Delta R.T. -0.01 min
Lab File: BF117649.D
Acq: 31 Oct 2019 6:41

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 57960

Ion	Ratio	Lower	Upper
164	100		
162	101.3	81.8	122.6
160	43.3	34.4	51.6

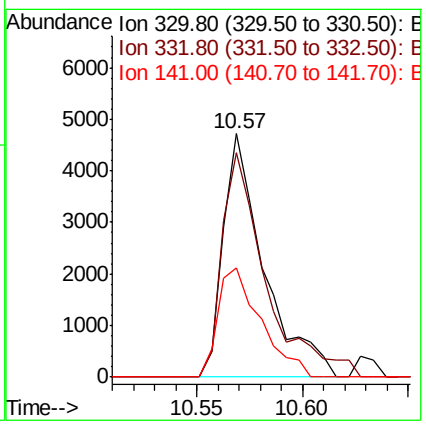


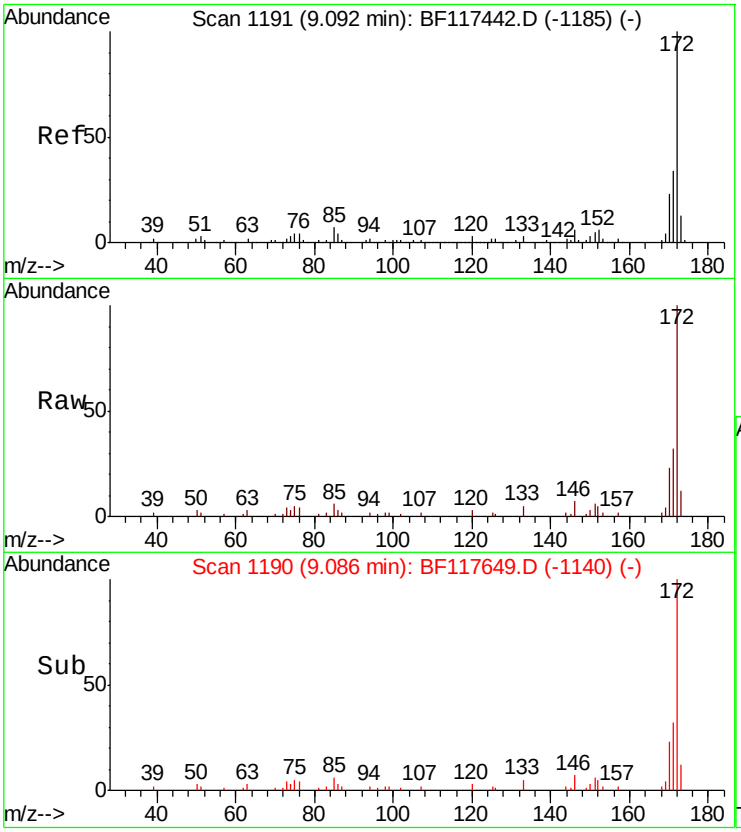


#42
2,4,6-Tribromophenol
Concen: 12.602 ng
RT: 10.57 min Scan# 1442
Delta R.T. 0.01 min
Lab File: BF117649.D
Acq: 31 Oct 2019 6:41

Tgt Ion:330 Resp: 6320

Ion	Ratio	Lower	Upper
330	100		
332	98.4	78.5	117.7
141	47.2	37.0	55.6



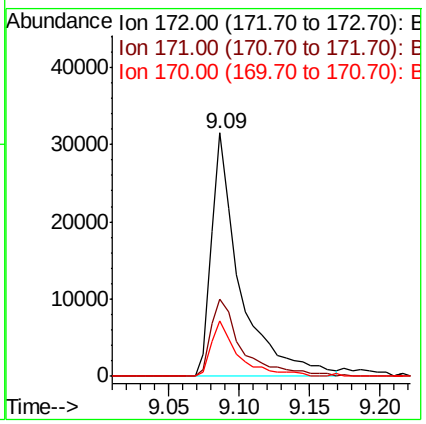


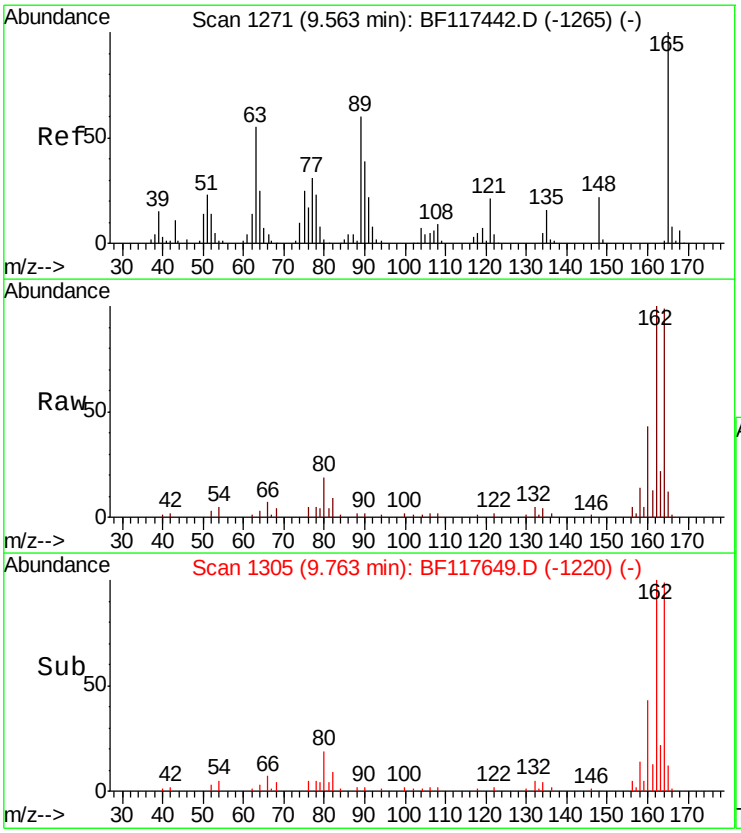
#45
2-Fluorobiphenyl
Concen: 10.805 ng
RT: 9.09 min Scan# 1190
Delta R.T. -0.01 min
Lab File: BF117649.D
Acq: 31 Oct 2019 6:41

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 44446

Ion	Ratio	Lower	Upper
172	100		
171	31.9	27.5	41.3
170	22.6	18.6	27.8

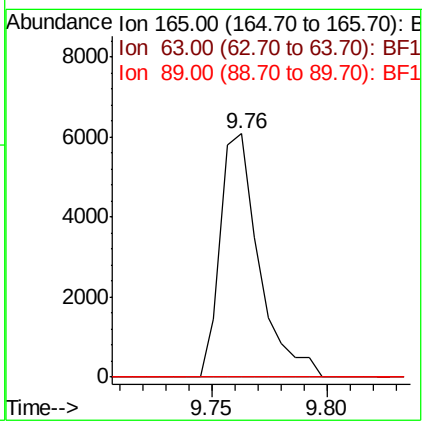


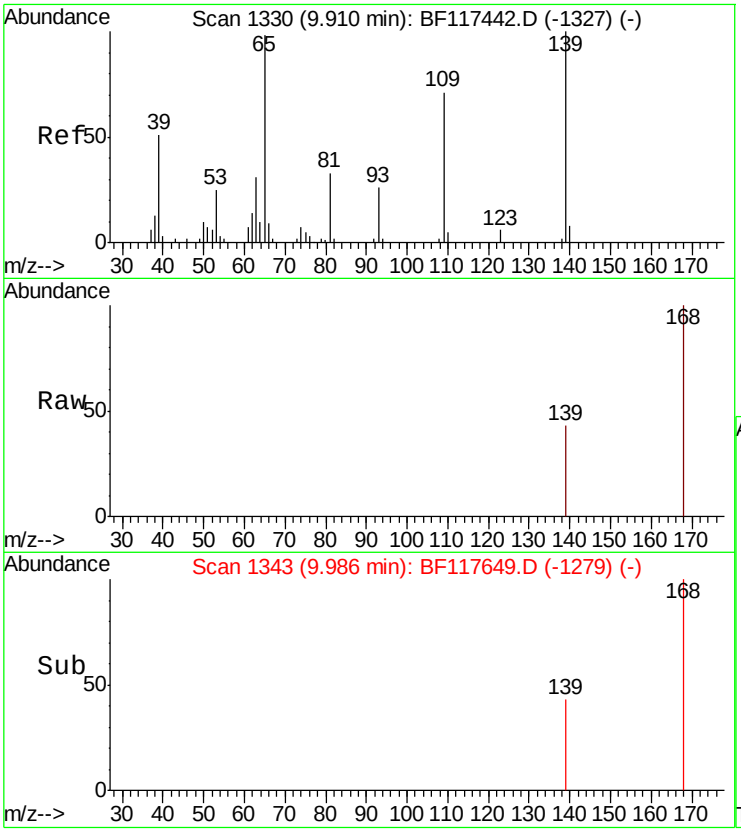


#51
2,6-Dinitrotoluene
Concen: 8.245 ng
RT: 9.76 min Scan# 1305
Delta R.T. 0.20 min
Lab File: BF117649.D
Acq: 31 Oct 2019 6:41

Tgt Ion:165 Resp: 7109

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



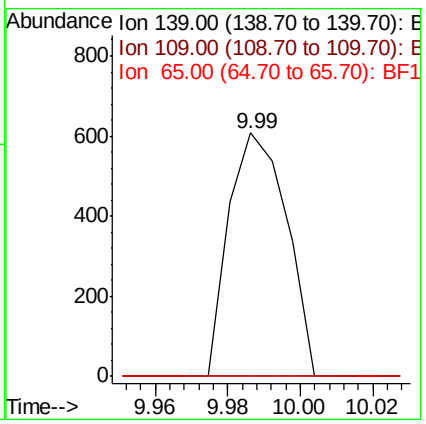


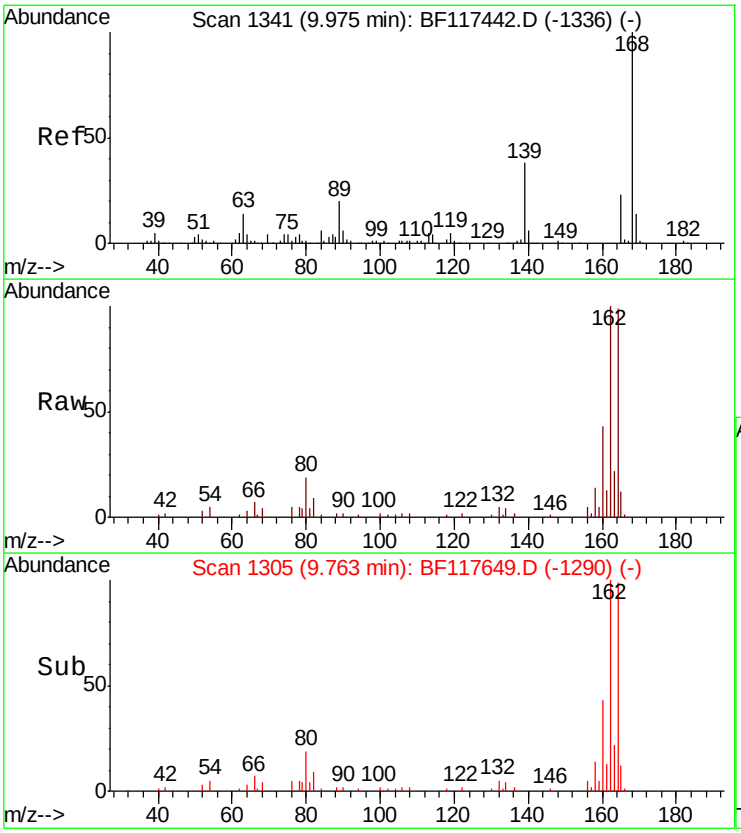
#56
4-Nitrophenol
Concen: 5.461 ng
RT: 9.99 min Scan# 1343
Delta R.T. 0.08 min
Lab File: BF117649.D
Acq: 31 Oct 2019 6:41

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:139 Resp: 676

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

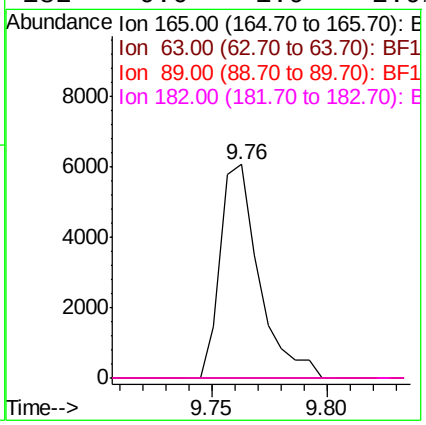


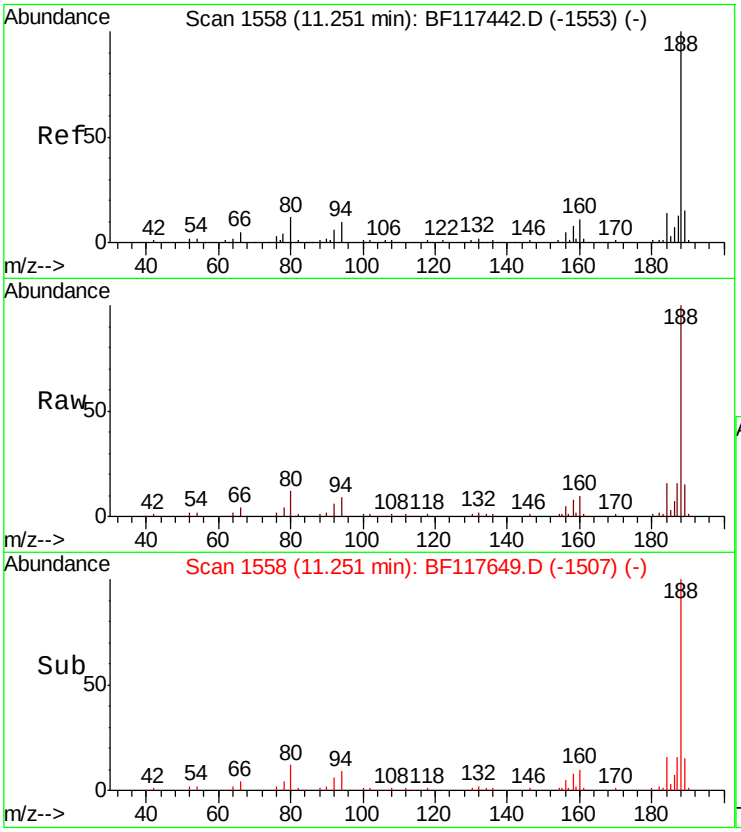


#57
2,4-Dinitrotoluene
Concen: 6.201 ng
RT: 9.76 min Scan# 1305
Delta R.T. -0.21 min
Lab File: BF117649.D
Acq: 31 Oct 2019 6:41

Tgt Ion:165 Resp: 7109

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#



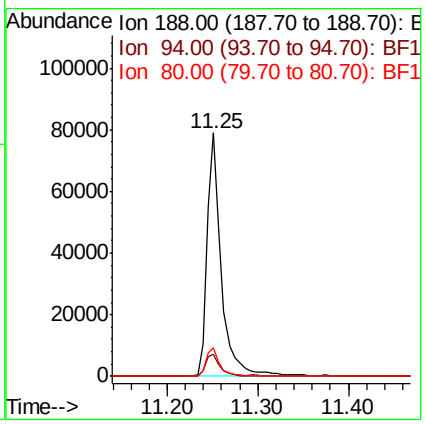


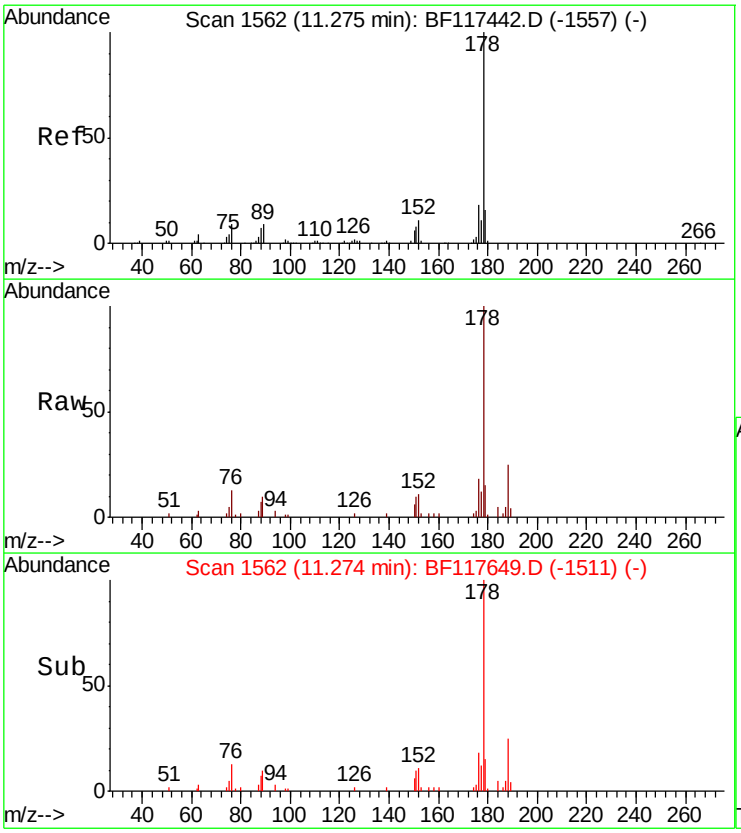
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.25 min Scan# 1558
Delta R.T. -0.00 min
Lab File: BF117649.D
Acq: 31 Oct 2019 6:41

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 87411

Ion	Ratio	Lower	Upper
188	100		
94	9.3	8.0	12.0
80	11.6	9.5	14.3

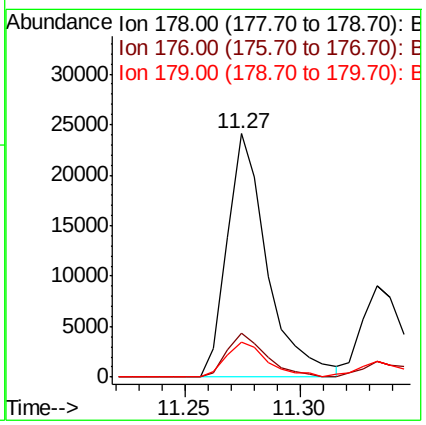


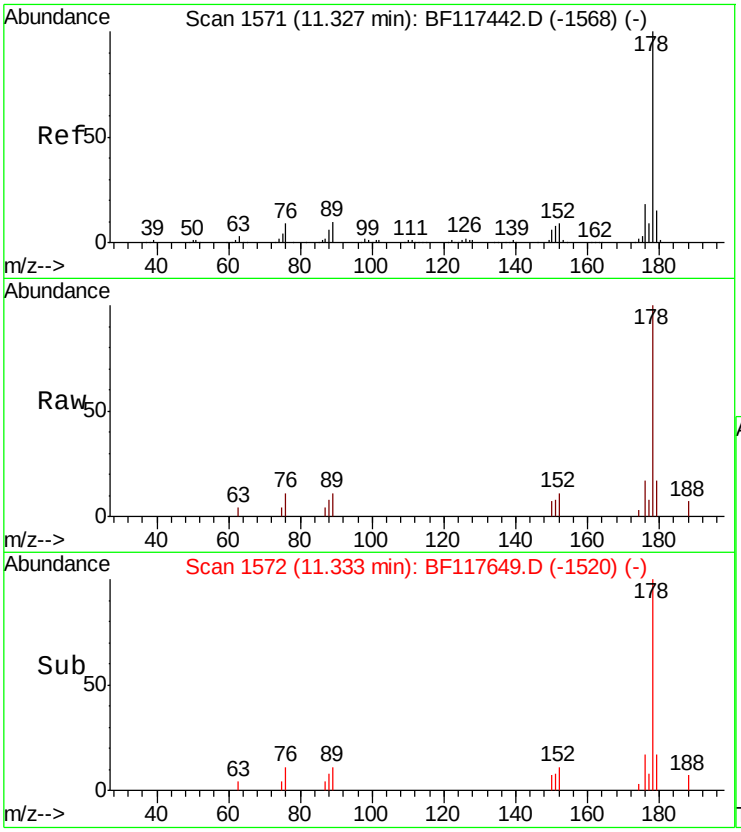


#71
Phenanthrene
Concen: 5.741 ng
RT: 11.27 min Scan# 1562
Delta R.T. -0.00 min
Lab File: BF117649.D
Acq: 31 Oct 2019 6:41

Tgt Ion:178 Resp: 29139

Ion	Ratio	Lower	Upper
178	100		
176	18.2	14.6	22.0
179	14.6	12.6	19.0



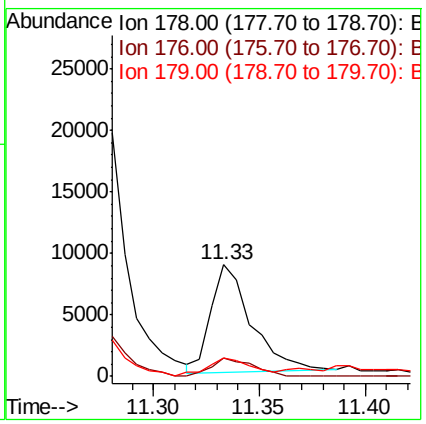


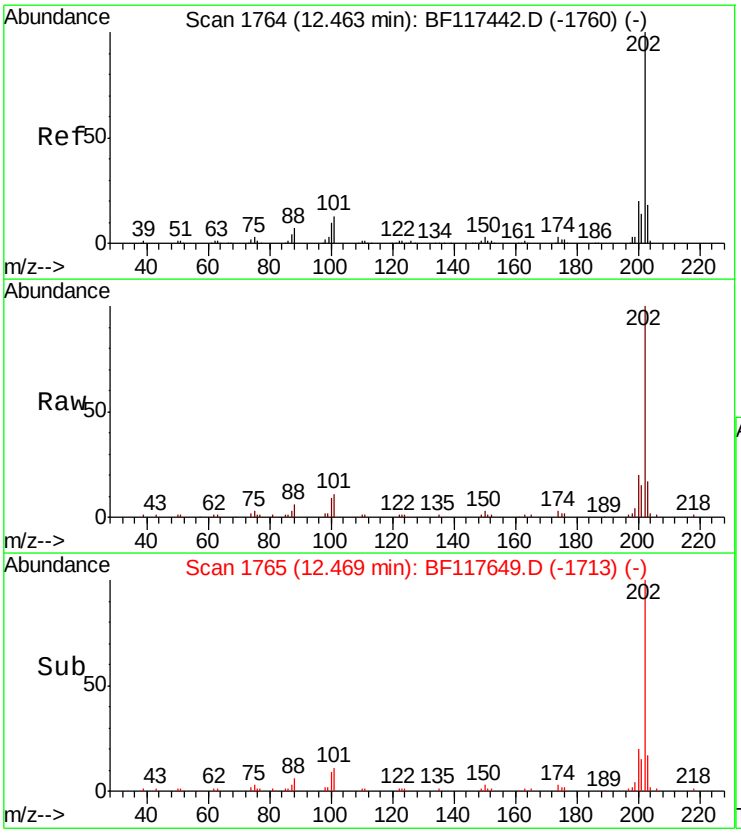
#72
Anthracene
Concen: 2.240 ng
RT: 11.33 min Scan# 1572
Delta R.T. 0.01 min
Lab File: BF117649.D
Acq: 31 Oct 2019 6:41

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 11667

Ion	Ratio	Lower	Upper
178	100		
176	16.7	14.7	22.1
179	16.7	12.2	18.2

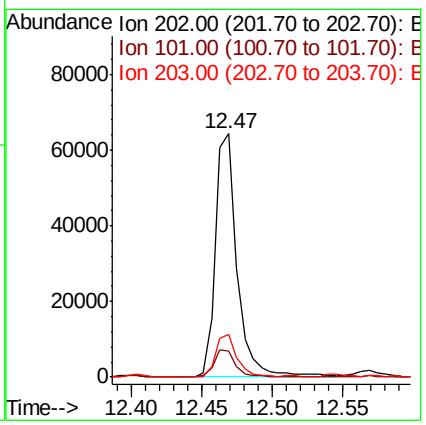


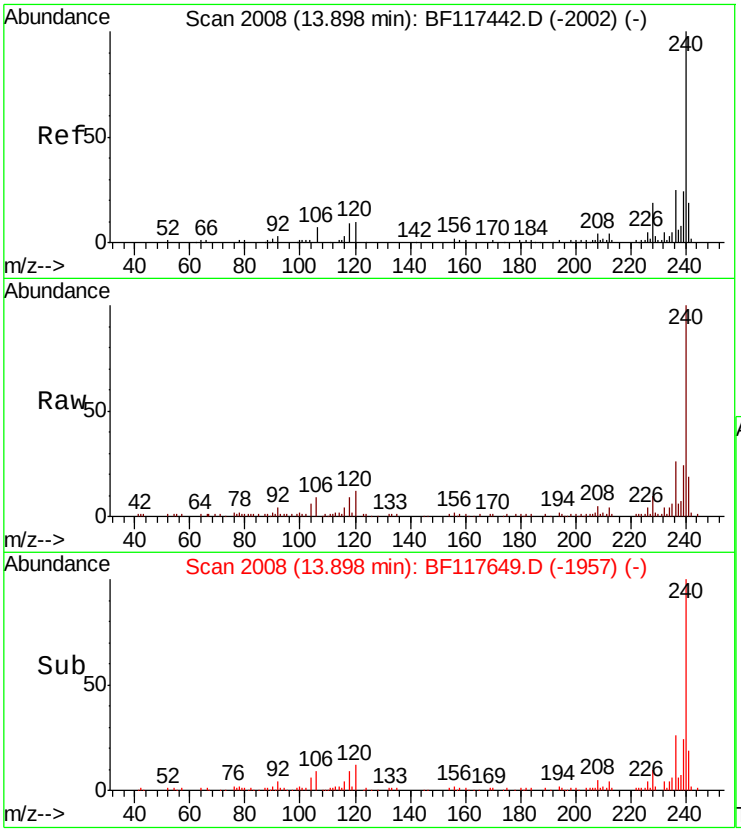


#75
Fluoranthene
Concen: 13.593 ng
RT: 12.47 min Scan# 1765
Delta R.T. 0.01 min
Lab File: BF117649.D
Acq: 31 Oct 2019 6:41

Tgt Ion:202 Resp: 69068

Ion	Ratio	Lower	Upper
202	100		
101	10.6	0.0	32.7
203	17.4	0.0	37.6



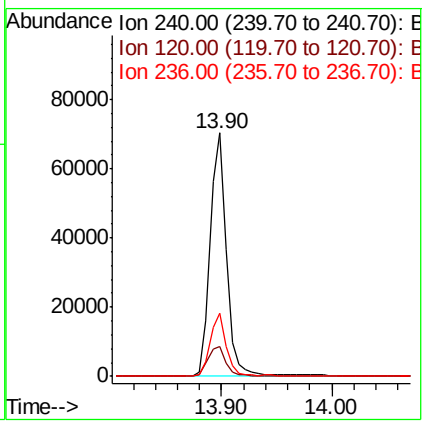


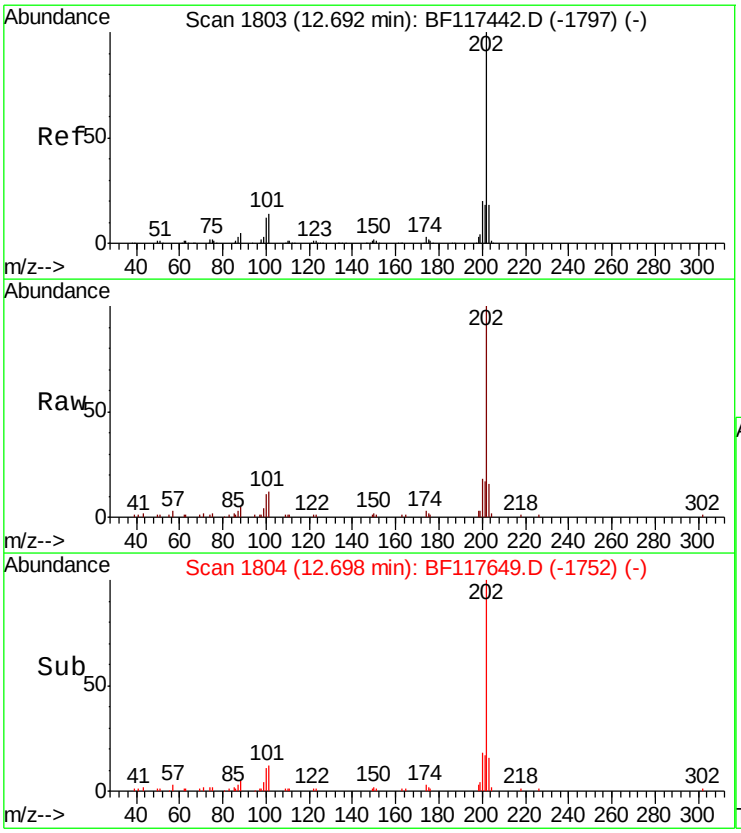
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.90 min Scan# 2008
Delta R.T. -0.00 min
Lab File: BF117649.D
Acq: 31 Oct 2019 6:41

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 71592

Ion	Ratio	Lower	Upper
240	100		
120	12.3	8.4	12.6
236	25.8	20.0	30.0

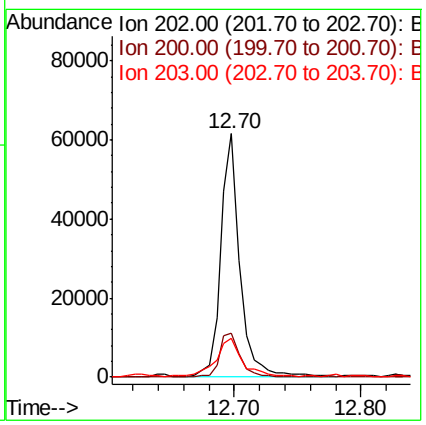


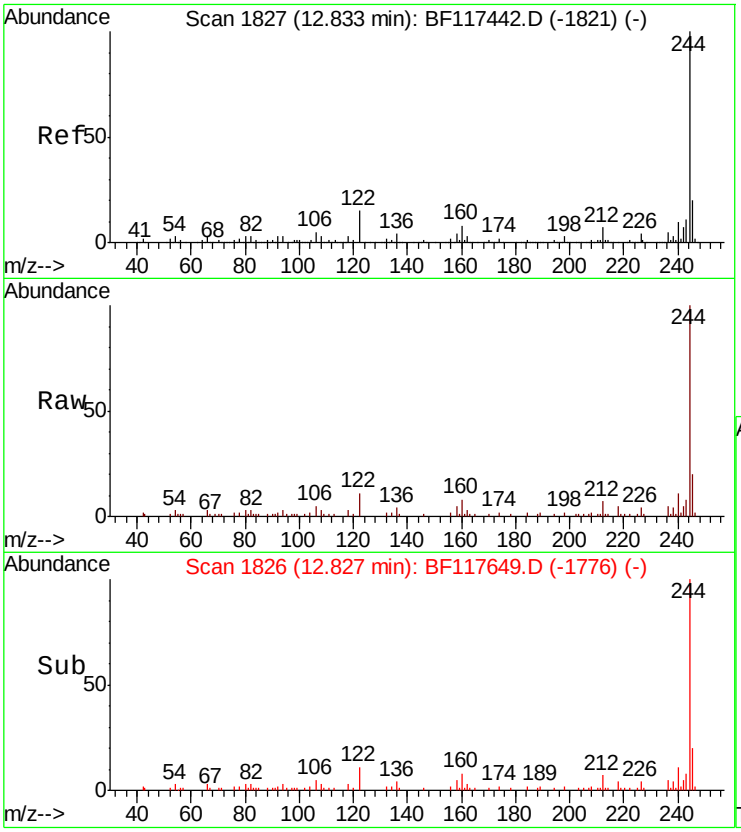


#78
Pyrene
Concen: 10.527 ng
RT: 12.70 min Scan# 1804
Delta R.T. 0.01 min
Lab File: BF117649.D
Acq: 31 Oct 2019 6:41

Tgt Ion:202 Resp: 64734

Ion	Ratio	Lower	Upper
202	100		
200	17.9	16.2	24.2
203	16.1	14.0	21.0



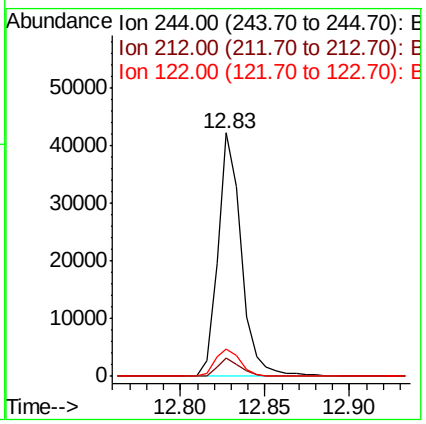


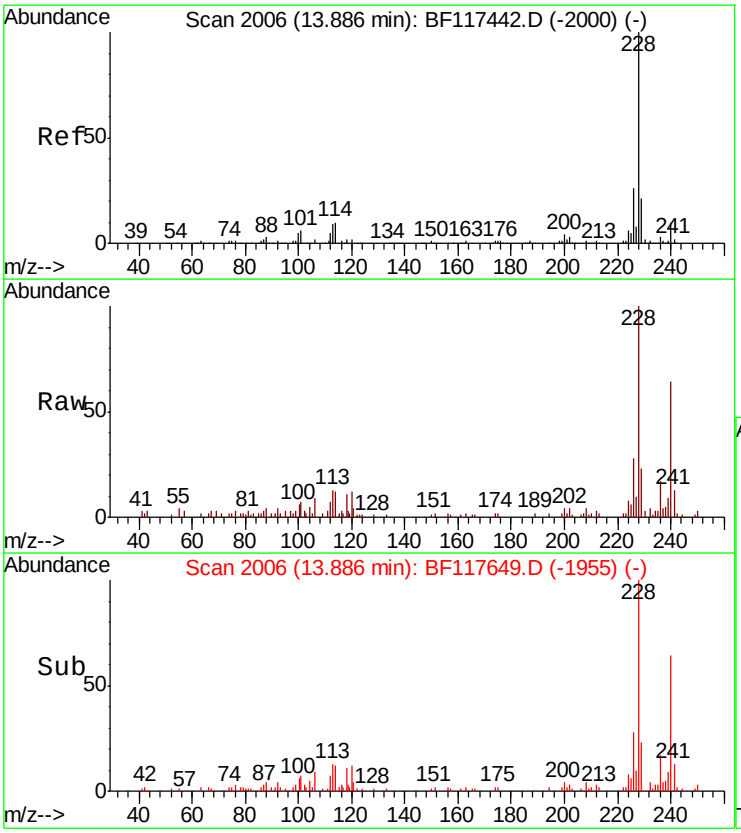
#79
Terphenyl-d14
Concen: 9.328 ng
RT: 12.83 min Scan# 1826
Delta R.T. -0.01 min
Lab File: BF117649.D
Acq: 31 Oct 2019 6:41

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 40943

Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.8	8.6
122	11.0	11.8	17.8#

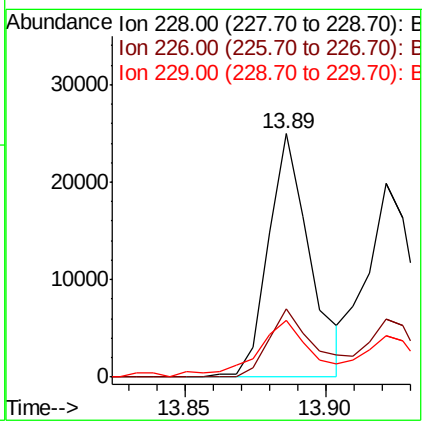


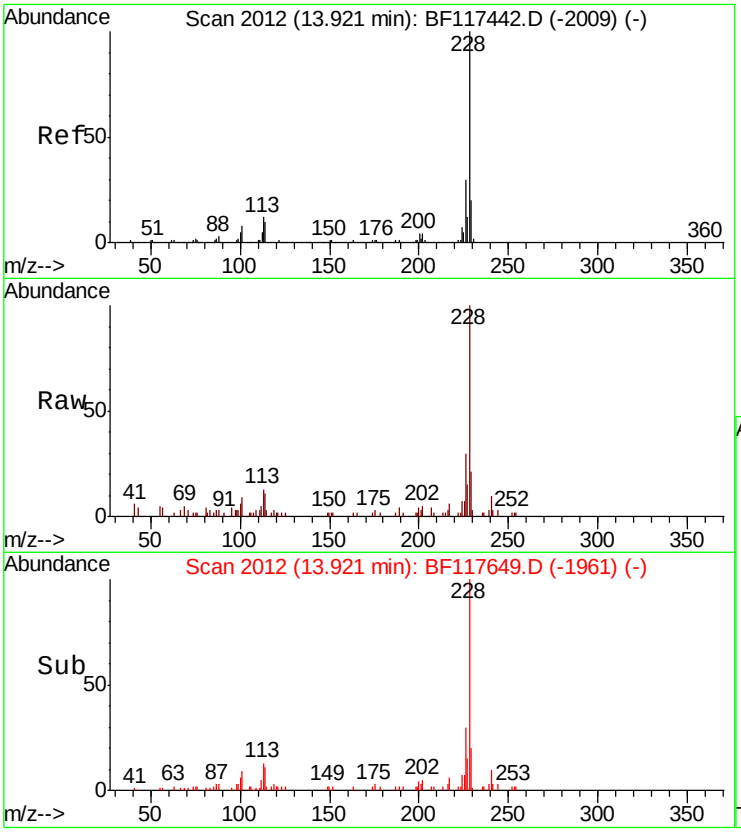


#81
Benzo(a)anthracene
Concen: 5.278 ng
RT: 13.89 min Scan# 2006
Delta R.T. -0.00 min
Lab File: BF117649.D
Acq: 31 Oct 2019 6:41

Tgt Ion:228 Resp: 25486

Ion	Ratio	Lower	Upper
228	100		
226	28.0	21.0	31.4
229	23.2	16.4	24.6



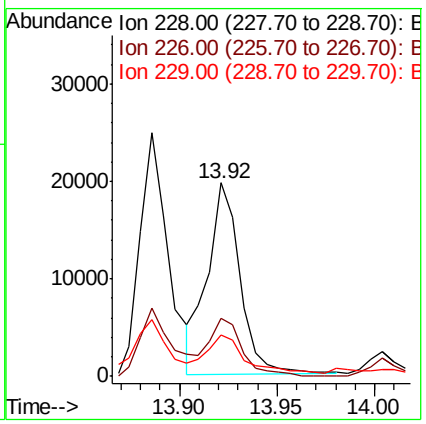


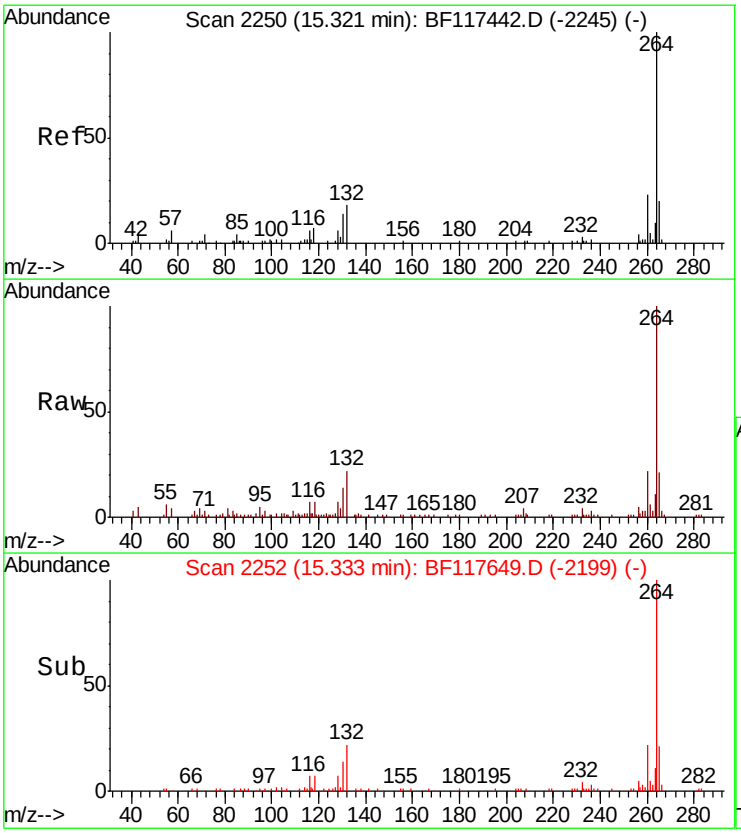
#83
Chrysene
Concen: 4.873 ng
RT: 13.92 min Scan# 2012
Delta R.T. -0.00 min
Lab File: BF117649.D
Acq: 31 Oct 2019 6:41

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 23061

Ion	Ratio	Lower	Upper
228	100		
226	30.0	23.9	35.9
229	21.4	15.8	23.6

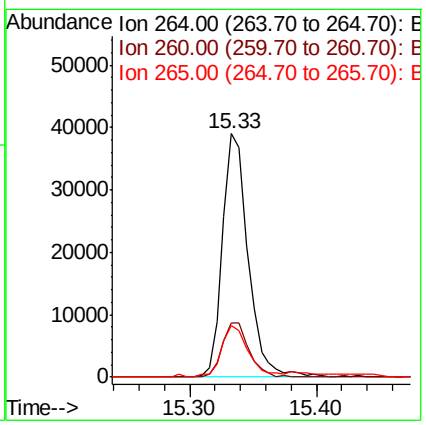


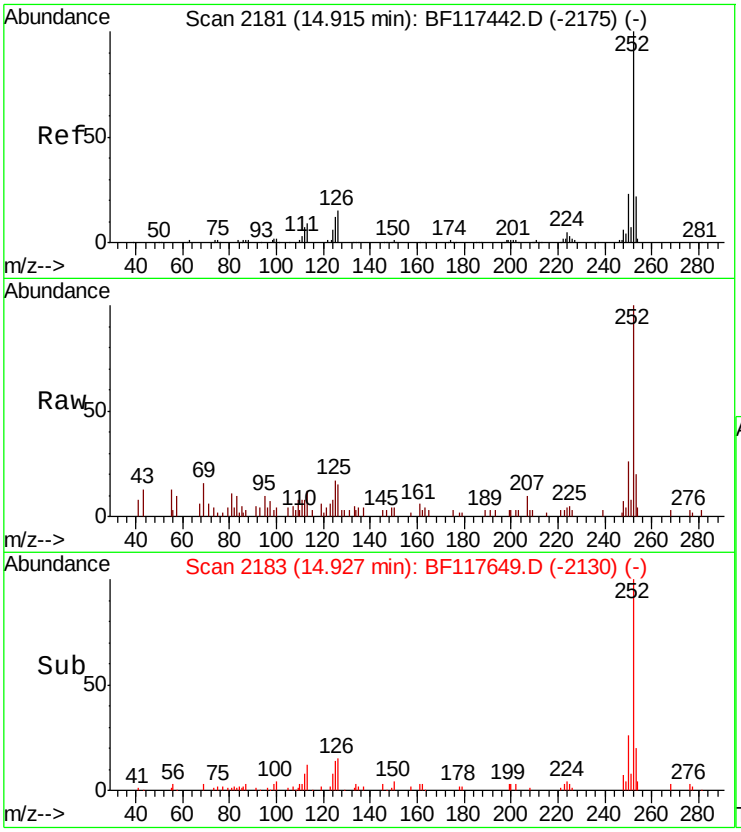


#87
Perylene-d12
Concen: 20.000 ng
RT: 15.33 min Scan# 2252
Delta R.T. 0.01 min
Lab File: BF117649.D
Acq: 31 Oct 2019 6:41

Tgt Ion:264 Resp: 54672

Ion	Ratio	Lower	Upper
264	100		
260	22.1	18.4	27.6
265	21.4	16.1	24.1



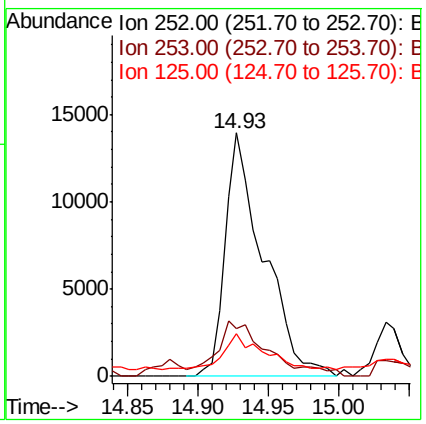


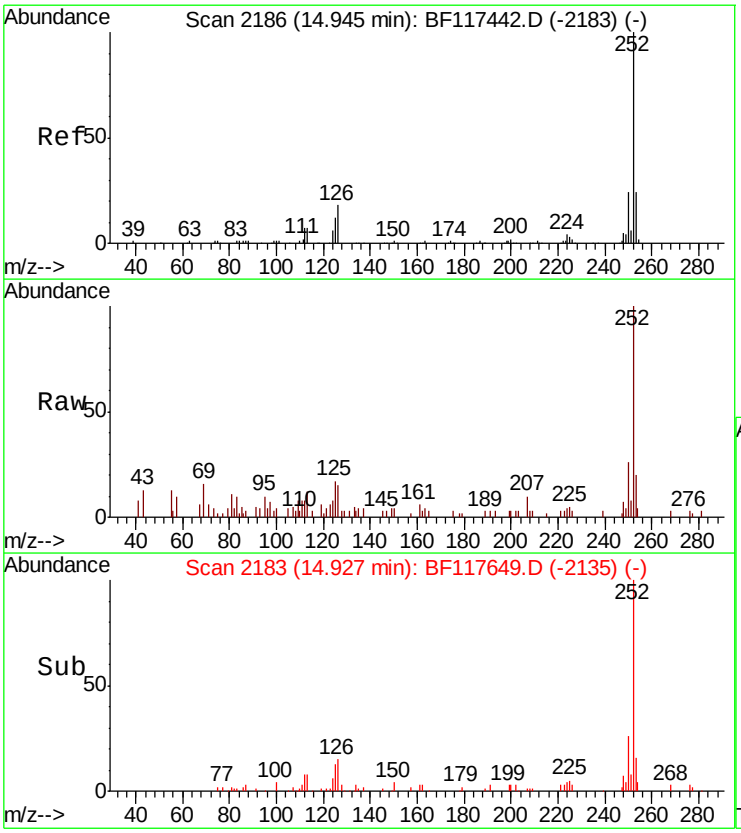
#88
Benzo(b)fluoranthene
Concen: 8.148 ng
RT: 14.93 min Scan# 2183
Delta R.T. 0.01 min
Lab File: BF117649.D
Acq: 31 Oct 2019 6:41

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 26306

Ion	Ratio	Lower	Upper
252	100		
253	19.6	17.8	26.6
125	17.3	9.9	14.9#

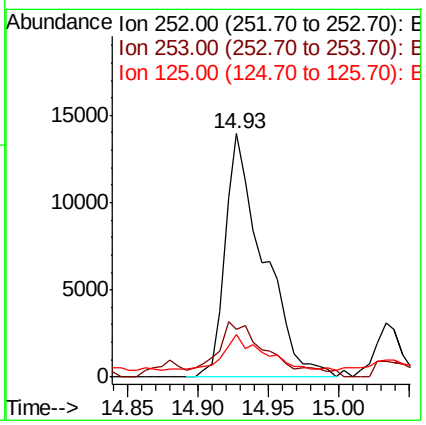


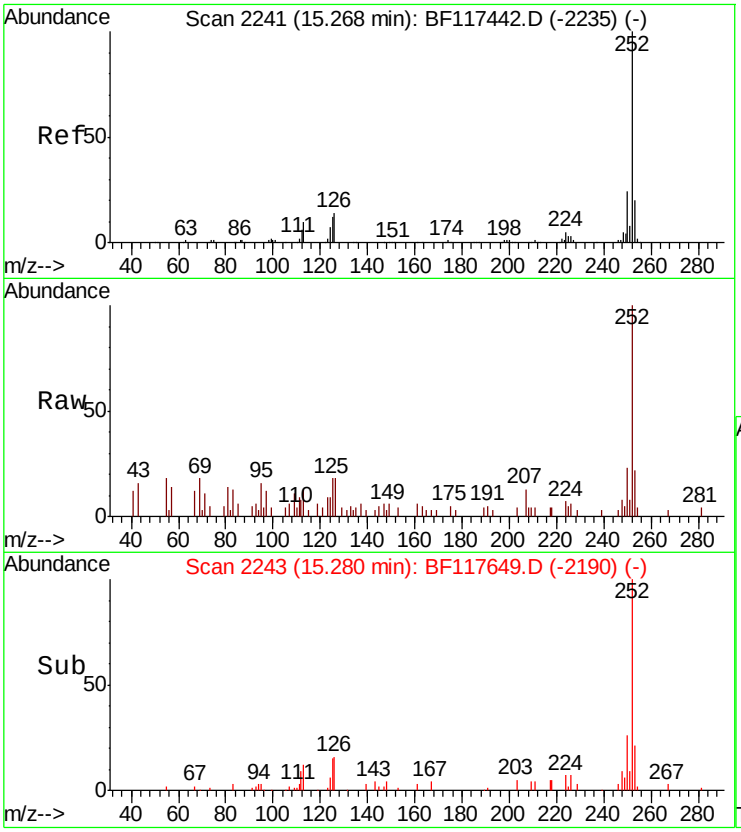


#89
Benzo(k)fluoranthene
Concen: 7.950 ng
RT: 14.93 min Scan# 2183
Delta R.T. -0.02 min
Lab File: BF117649.D
Acq: 31 Oct 2019 6:41

Tgt Ion:252 Resp: 26306

Ion	Ratio	Lower	Upper
252	100		
253	19.6	18.0	27.0
125	17.3	8.9	13.3#



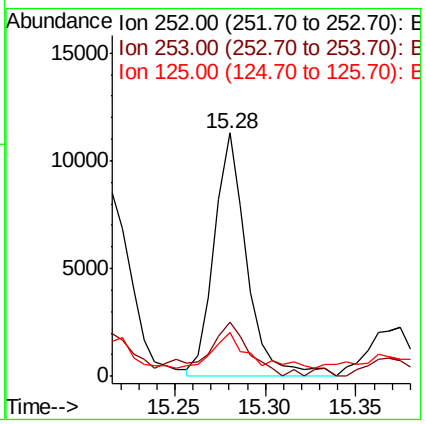


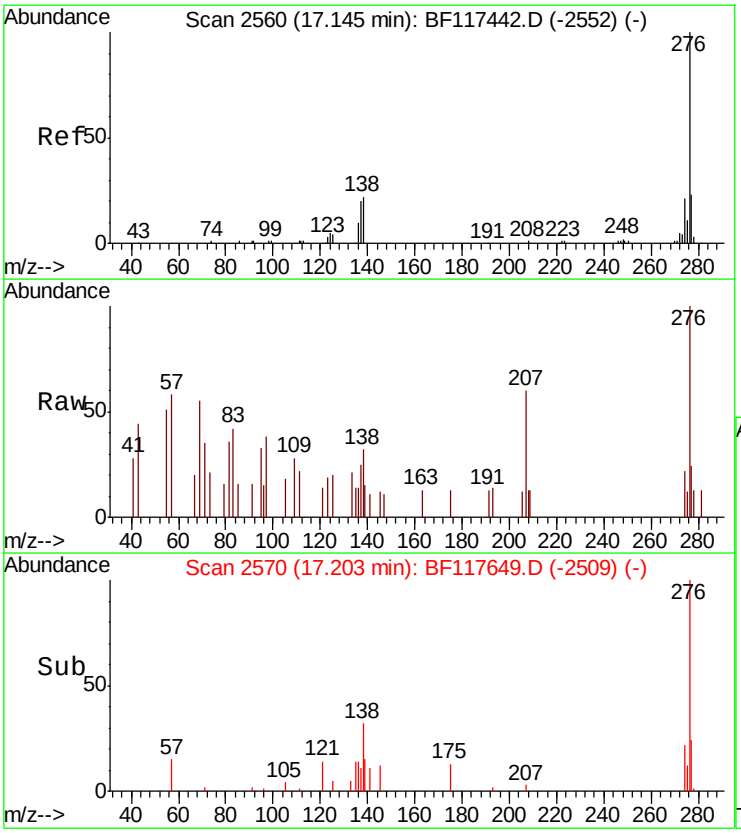
#90
Benzo(a)pyrene
Concen: 4.842 ng
RT: 15.28 min Scan# 2243
Delta R.T. 0.01 min
Lab File: BF117649.D
Acq: 31 Oct 2019 6:41

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 14212

Ion	Ratio	Lower	Upper
252	100		
253	22.4	16.3	24.5
125	18.3	9.2	13.8#





#92
Benzo(g,h,i)perylene
Concen: 2.420 ng
RT: 17.20 min Scan# 2570
Delta R.T. 0.06 min
Lab File: BF117649.D
Acq: 31 Oct 2019 6:41

Tgt Ion:276 Resp: 5811

Ion	Ratio	Lower	Upper
276	100		
277	24.5	18.4	27.6
138	32.2	17.8	26.6#