Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF103019\
Data File : BF117635.D
Acq On : 30 Oct 2019 19:59
Operator : JU
Sample : K5542-15 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Oct 31 01:26:16 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	39078	20.00	ng		0.00
21) Naphthalene-d8	8.01	136	151927	20.00	ng		0.00
39) Acenaphthene-d10	9.76	164	69698	20.00	ng		0.00
64) Phenanthrene-d10	11.25	188	108233	20.00	ng		0.00
76) Chrysene-d12	13.90	240	75093	20.00	ng		0.00
87) Perylene-d12	15.34	264	57857	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.36	112	88618	33.74	ng		0.01
7) Phenol-d6	6.39	99	124870	35.39	ng		0.01
23) Nitrobenzene-d5	7.30	82	62968	20.46	ng		0.00
42) 2,4,6-Tribromophenol	10.56	330	18009	29.86	ng		0.00
45) 2-Fluorobiphenyl	9.08	172	111078	22.46	ng		-0.01
79) Terphenyl-d14	12.83	244	96950	21.06	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.50	77	2064	Below Cal		#	82
19) n-Nitroso-di-n-propylamine	7.30	70	8259	3.833	ng	#	82
25) Isophorone	7.30	82	62968	11.828	ng	#	65
50) Dimethylphthalate	9.49	163	16810	3.383	ng		97
51) 2,6-Dinitrotoluene	9.76	165	8875	8.560	ng	#	22
56) 4-Nitrophenol	9.98	139	161	4.394	ng	#	6
57) 2,4-Dinitrotoluene	9.76	165	8875	6.438	ng	#	12
71) Phenanthrene	11.27	178	28128	4.476	ng		99
72) Anthracene	11.27	178	28128	4.362	ng		98
75) Fluoranthene	12.47	202	55573	8.833	ng		97
77) Benzidine	12.83	184	1159	Below Cal		#	67
78) Pyrene	12.70	202	50459	7.823	ng		99
81) Benzo(a)anthracene	13.89	228	23767	4.692	ng		99
83) Chrysene	13.92	228	22488	4.530	ng		97
86) Indeno(1,2,3-cd)pyrene	16.77	276	9525	2.570	ng	#	81
88) Benzo(b)fluoranthene	14.93	252	27971	8.187	ng	#	88
89) Benzo(k)fluoranthene	14.93	252	27971	7.988	ng	#	88
90) Benzo(a)pyrene	15.28	252	13954	4.492	ng	#	87
92) Benzo(g,h,i)perylene	17.20	276	9209	3.624	ng		95

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

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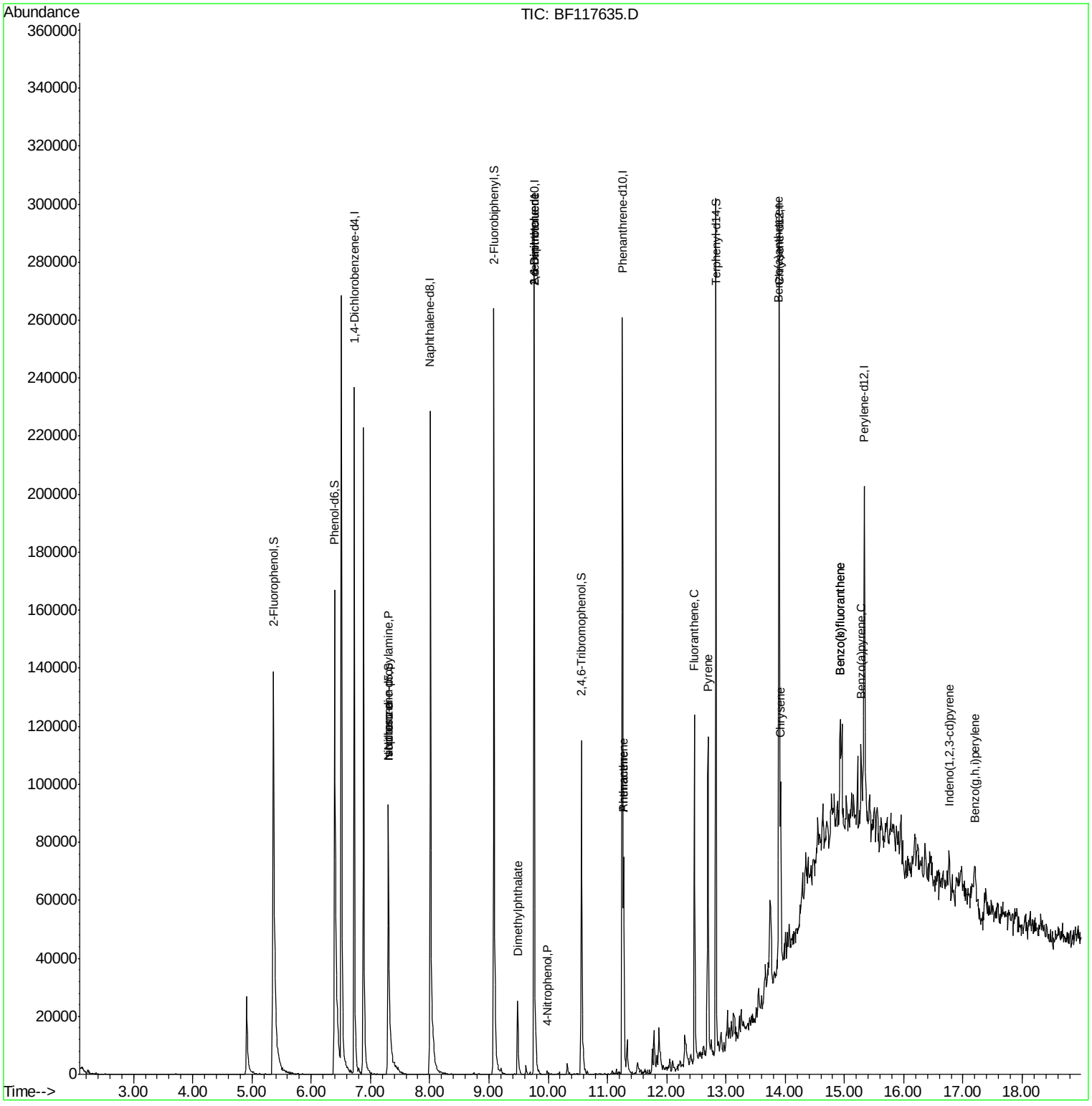
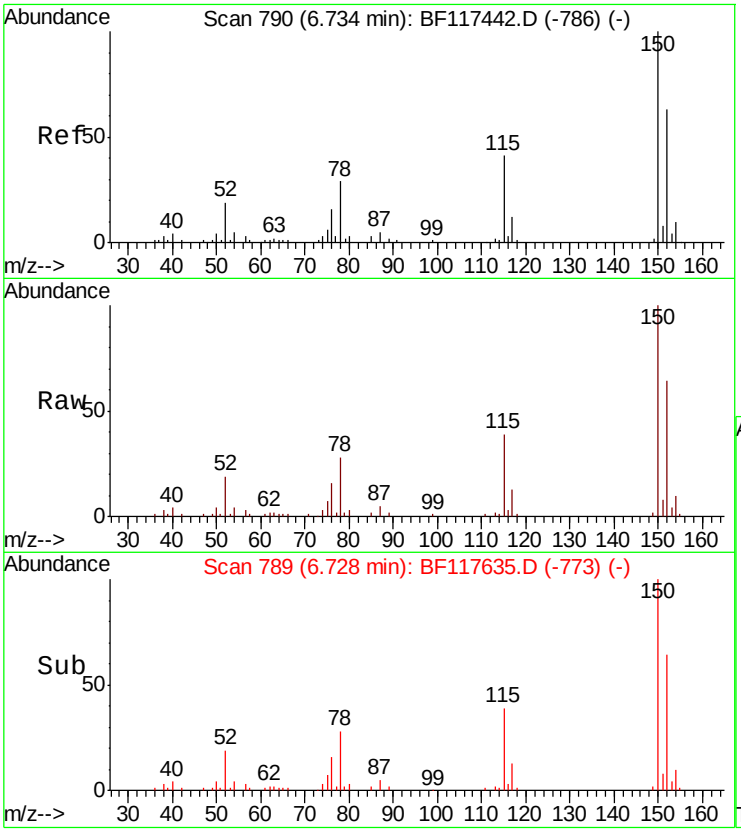


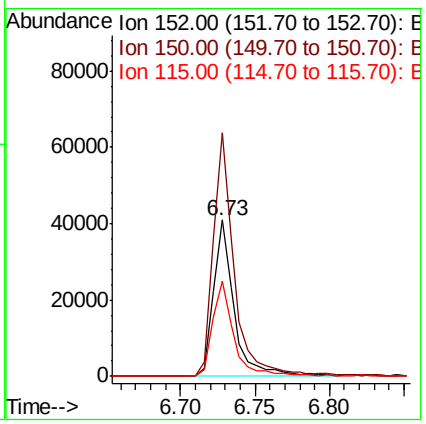


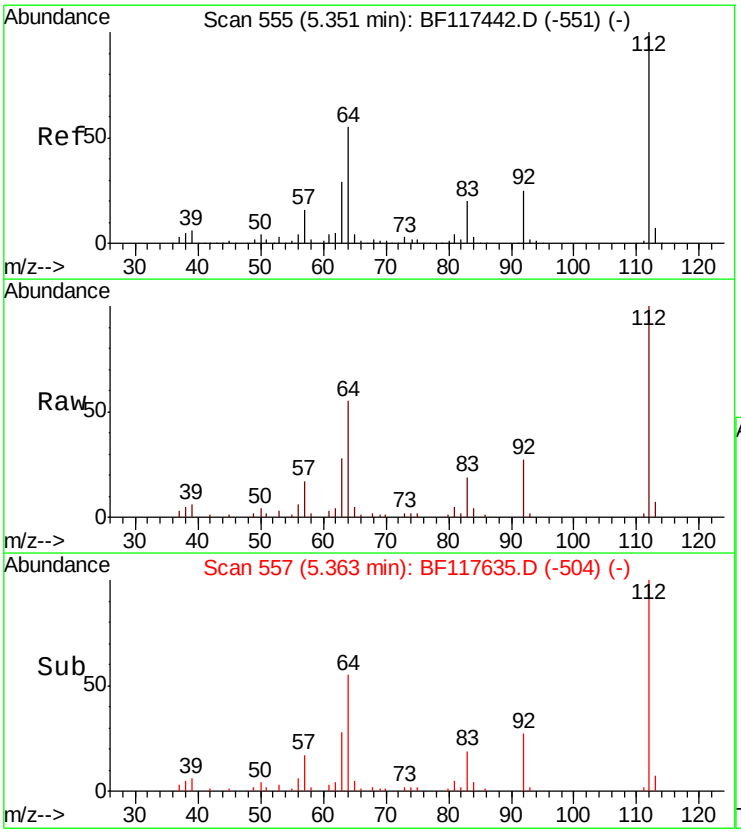
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 789
Delta R.T. -0.01 min
Lab File: BF117635.D
Acq: 30 Oct 2019 19:59

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 39078

Ion	Ratio	Lower	Upper
152	100		
150	156.1	126.8	190.2
115	61.0	51.6	77.4

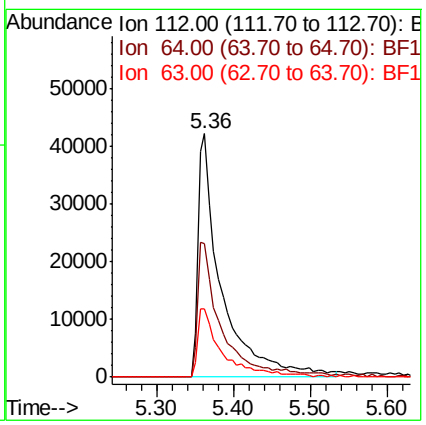


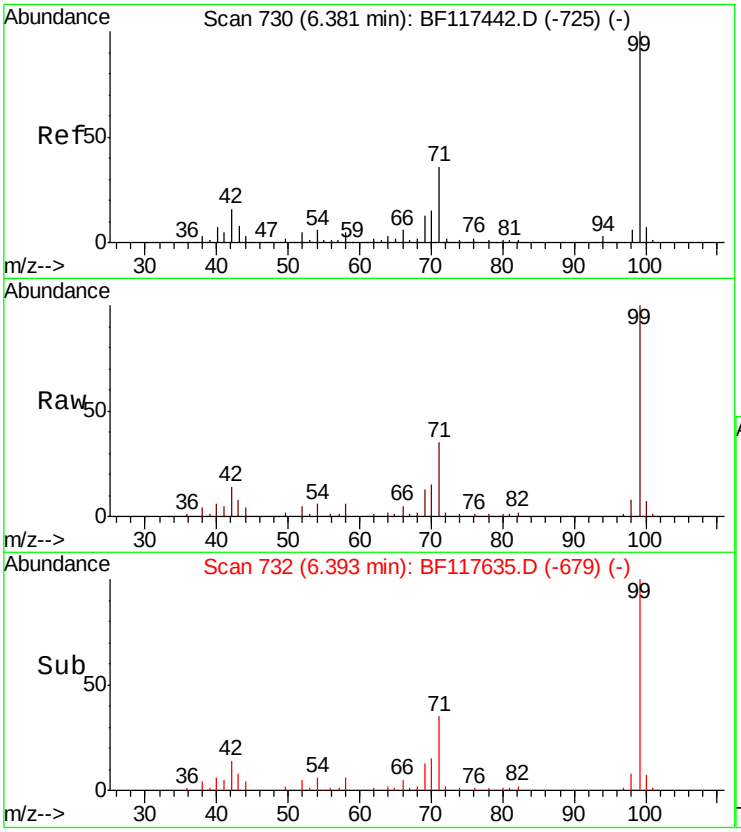


#5
2-Fluorophenol
Concen: 33.737 ng
RT: 5.36 min Scan# 557
Delta R.T. 0.01 min
Lab File: BF117635.D
Acq: 30 Oct 2019 19:59

Tgt Ion:112 Resp: 88618

Ion	Ratio	Lower	Upper
112	100		
64	55.1	44.1	66.1
63	28.1	23.4	35.2



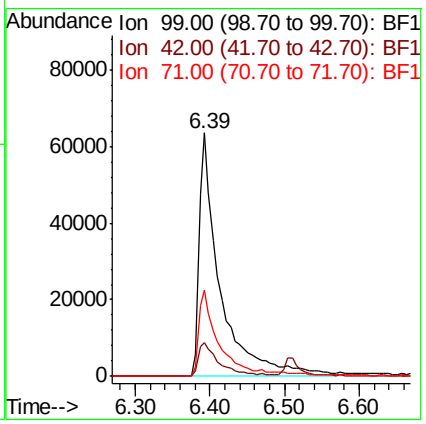


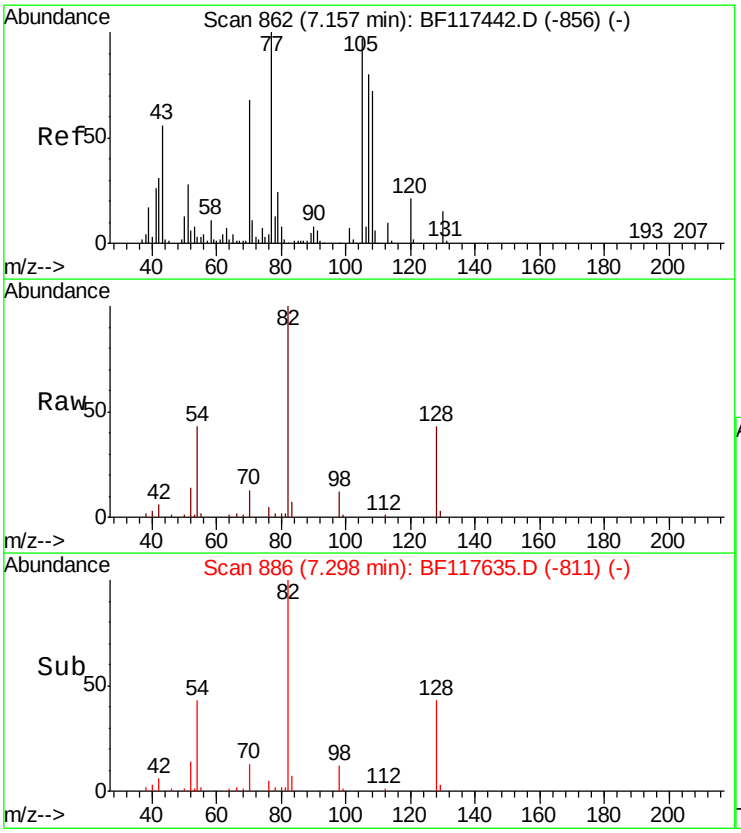
#7
Phenol-d6
Concen: 35.394 ng
RT: 6.39 min Scan# 732
Delta R.T. 0.01 min
Lab File: BF117635.D
Acq: 30 Oct 2019 19:59

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 124870

Ion	Ratio	Lower	Upper
99	100		
42	14.0	12.8	19.2
71	35.3	28.6	43.0

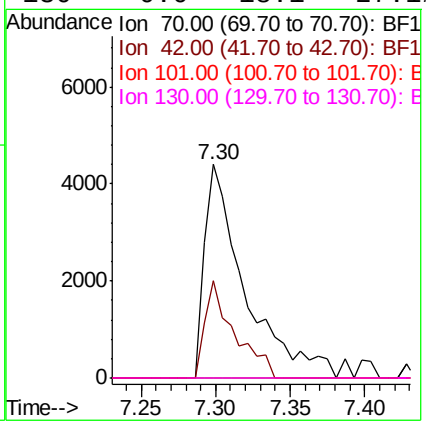


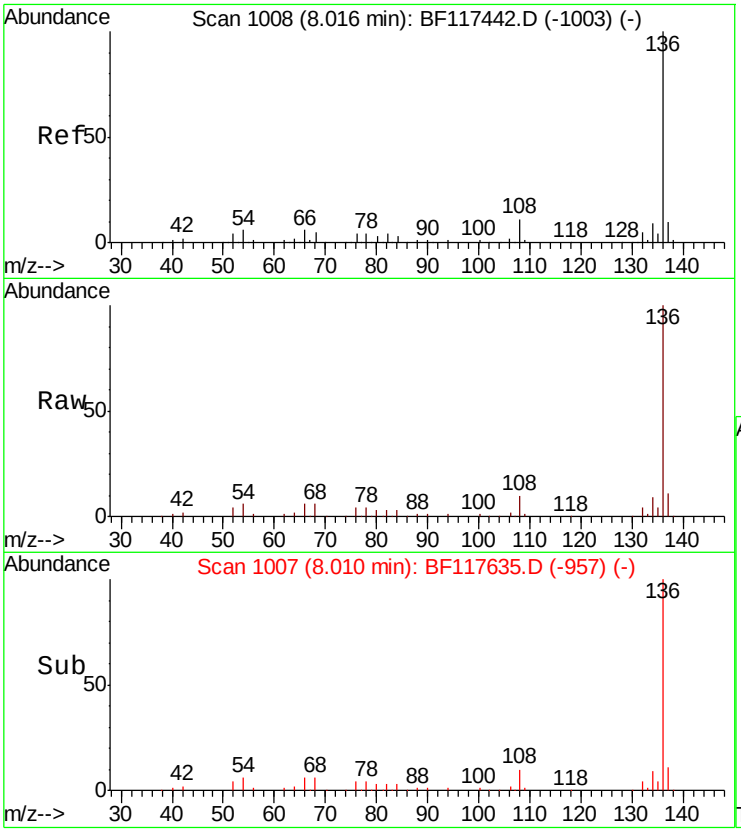


#19
n-Nitroso-di-n-propylamine
Concen: 3.833 ng
RT: 7.30 min Scan# 886
Delta R.T. 0.14 min
Lab File: BF117635.D
Acq: 30 Oct 2019 19:59

Tgt Ion: 70 Resp: 8259

Ion	Ratio	Lower	Upper
70	100		
42	45.4	36.7	55.1
101	0.0	8.3	12.5#
130	0.0	18.1	27.1#



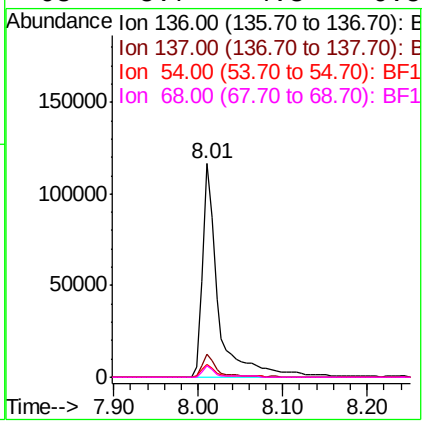


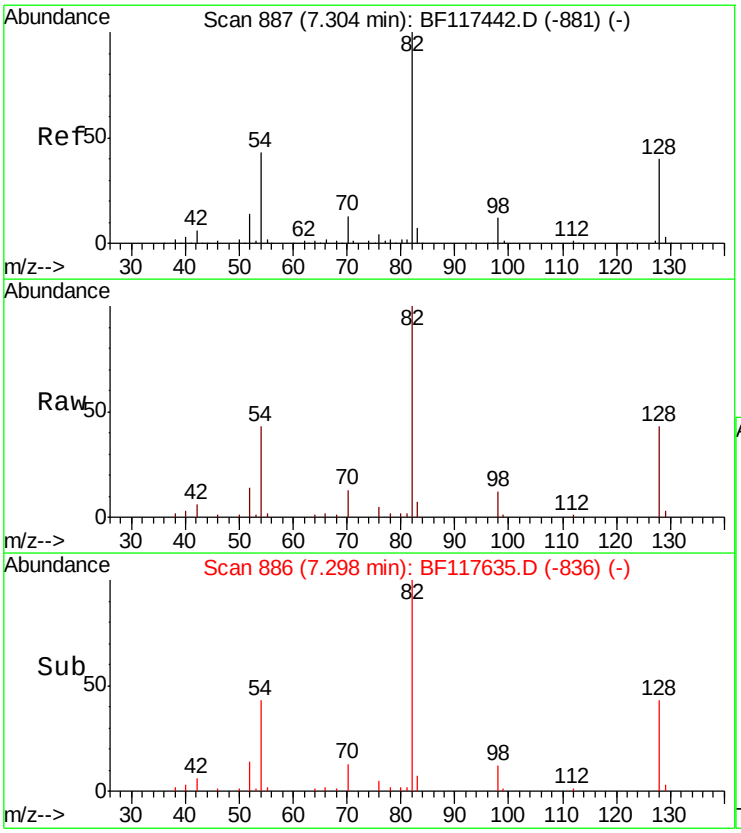
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.01 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BF117635.D
Acq: 30 Oct 2019 19:59

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 151927

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.2	12.4
54	6.1	4.5	6.7
68	5.7	4.3	6.5

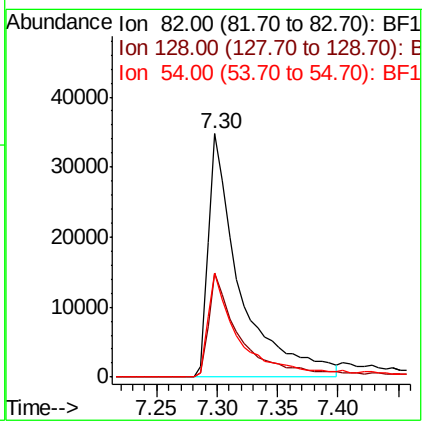


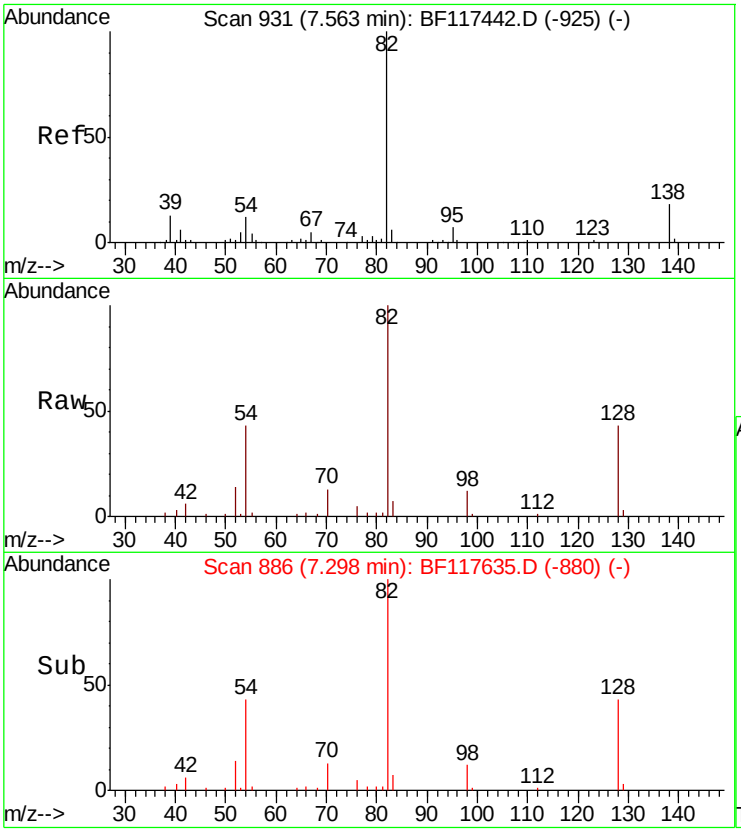


#23
Nitrobenzene-d5
Concen: 20.461 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.01 min
Lab File: BF117635.D
Acq: 30 Oct 2019 19:59

Tgt Ion: 82 Resp: 62968

Ion	Ratio	Lower	Upper
82	100		
128	42.6	32.2	48.2
54	42.9	34.2	51.2



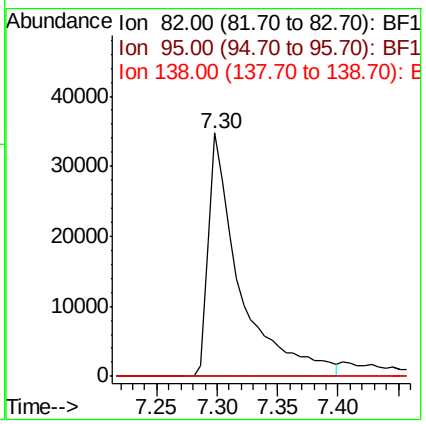


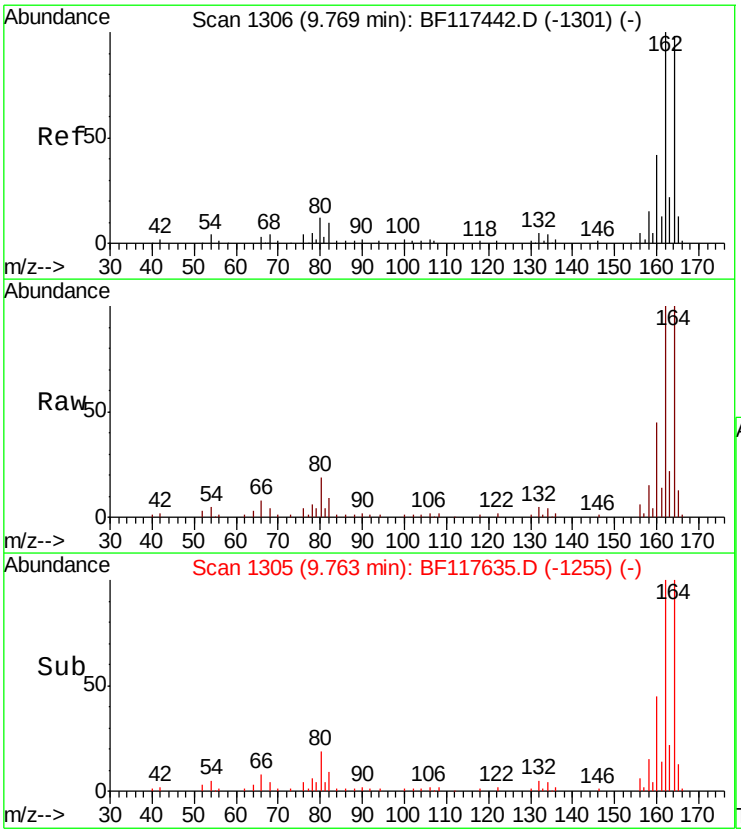
#25
Isophorone
Concen: 11.828 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.26 min
Lab File: BF117635.D
Acq: 30 Oct 2019 19:59

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 62968

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

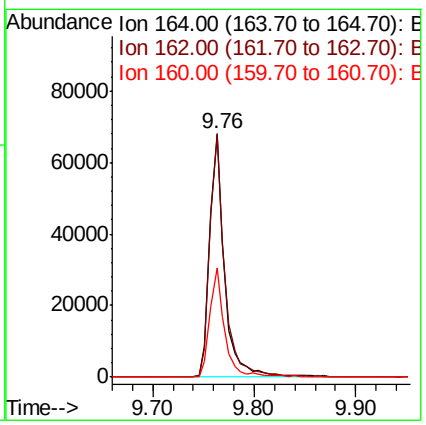


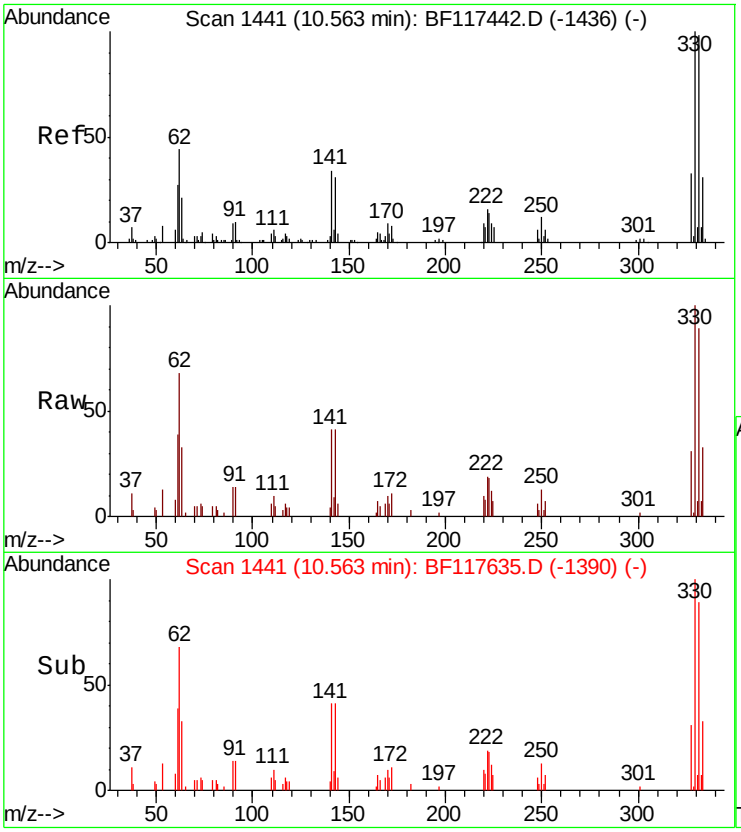


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.76 min Scan# 1305
Delta R.T. -0.01 min
Lab File: BF117635.D
Acq: 30 Oct 2019 19:59

Tgt Ion:164 Resp: 69698

Ion	Ratio	Lower	Upper
164	100		
162	100.4	81.8	122.6
160	45.3	34.4	51.6



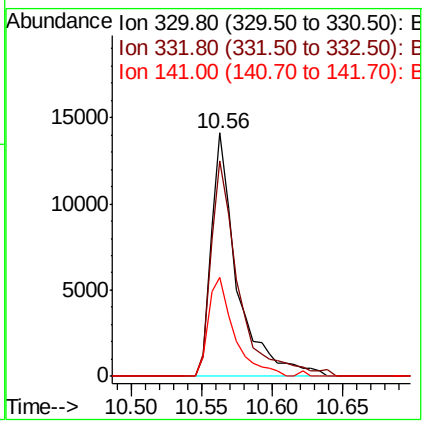


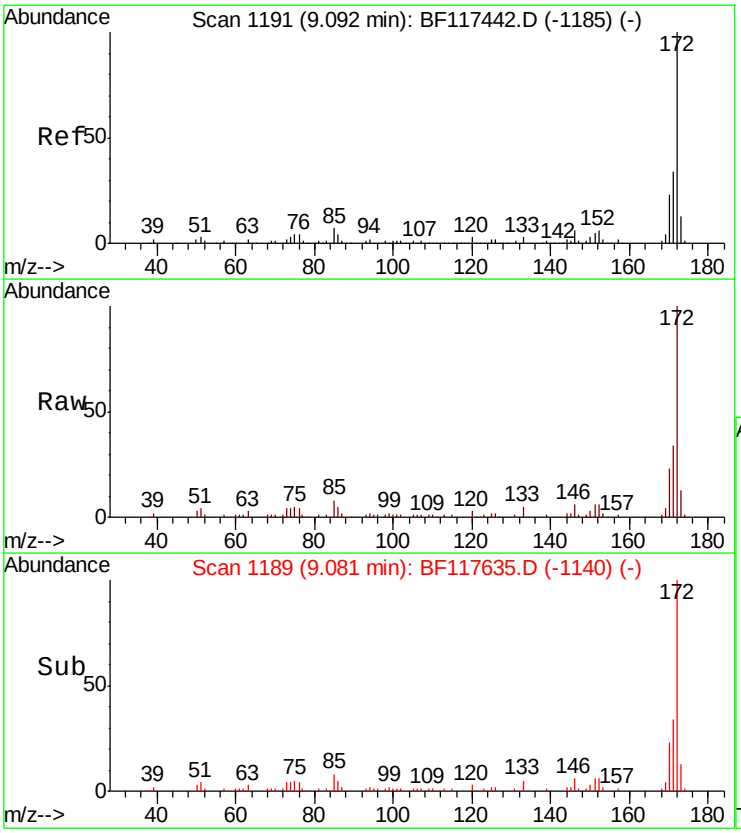
#42
2,4,6-Tribromophenol
Concen: 29.862 ng
RT: 10.56 min Scan# 1441
Delta R.T. 0.00 min
Lab File: BF117635.D
Acq: 30 Oct 2019 19:59

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 18009

Ion	Ratio	Lower	Upper
330	100		
332	94.0	78.5	117.7
141	40.4	37.0	55.6

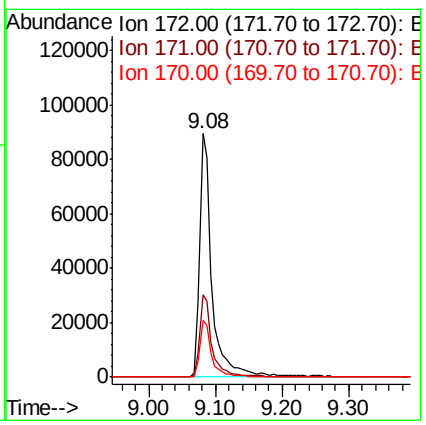


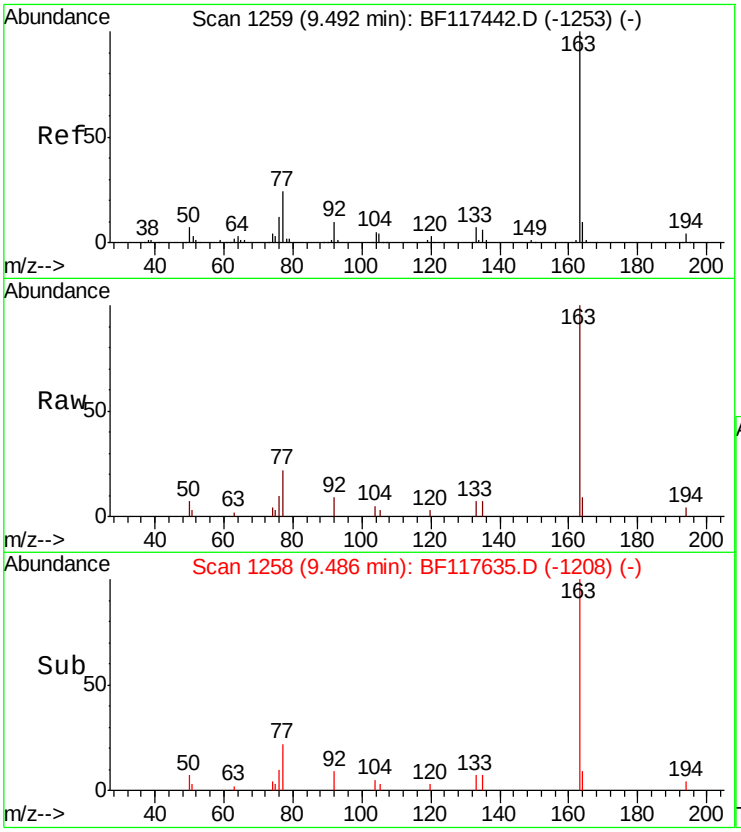


#45
2-Fluorobiphenyl
Concen: 22.455 ng
RT: 9.08 min Scan# 1189
Delta R.T. -0.01 min
Lab File: BF117635.D
Acq: 30 Oct 2019 19:59

Tgt Ion:172 Resp: 111078

Ion	Ratio	Lower	Upper
172	100		
171	33.7	27.5	41.3
170	23.2	18.6	27.8



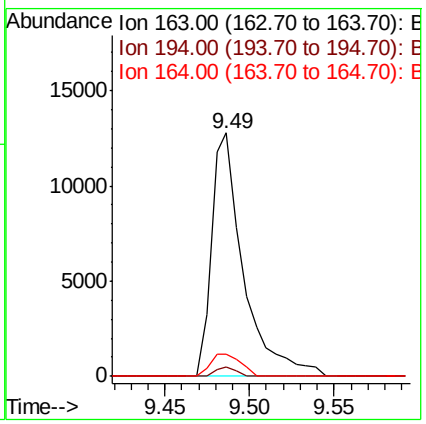


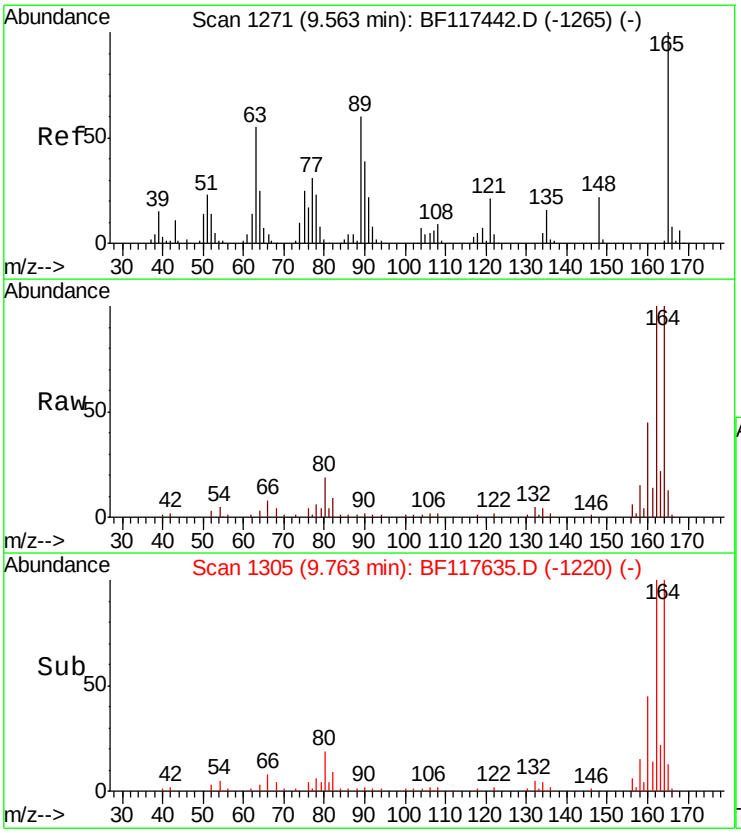
#50
Dimethylphthalate
Concen: 3.383 ng
RT: 9.49 min Scan# 1258
Delta R.T. -0.01 min
Lab File: BF117635.D
Acq: 30 Oct 2019 19:59

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:163 Resp: 16810

Ion	Ratio	Lower	Upper
163	100		
194	4.0	2.9	4.3
164	9.0	8.2	12.2

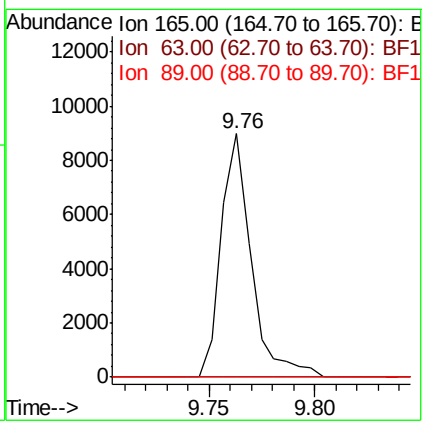


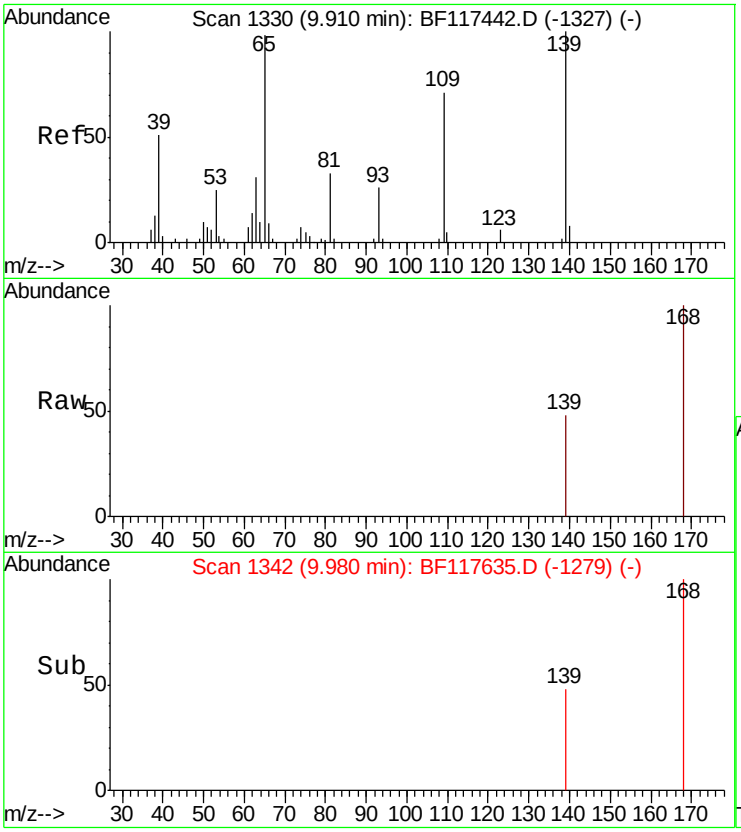


#51
2,6-Dinitrotoluene
Concen: 8.560 ng
RT: 9.76 min Scan# 1305
Delta R.T. 0.20 min
Lab File: BF117635.D
Acq: 30 Oct 2019 19:59

Tgt Ion:165 Resp: 8875

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



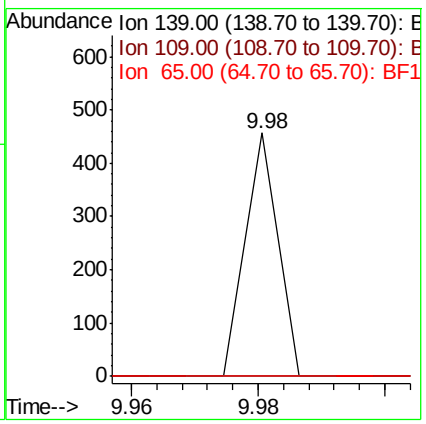


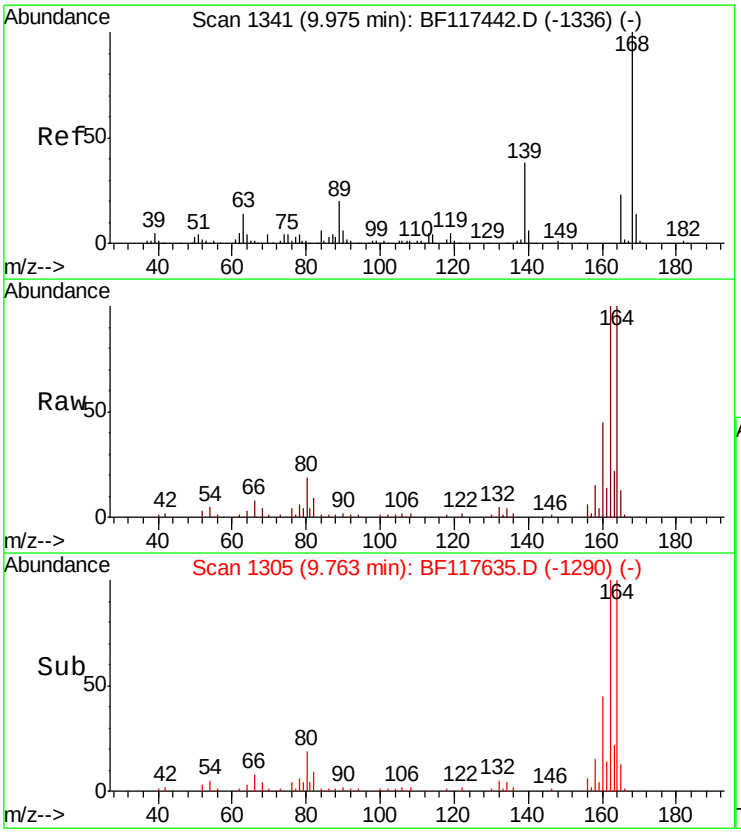
#56
4-Nitrophenol
Concen: 4.394 ng
RT: 9.98 min Scan# 1342
Delta R.T. 0.07 min
Lab File: BF117635.D
Acq: 30 Oct 2019 19:59

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:139 Resp: 161

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

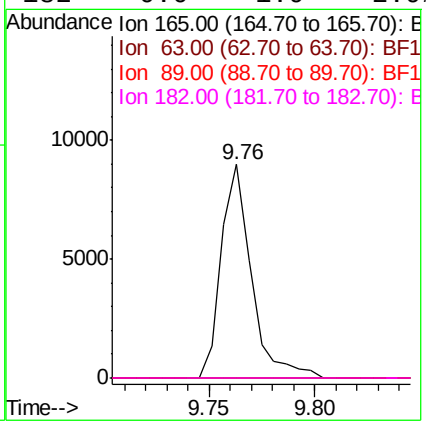


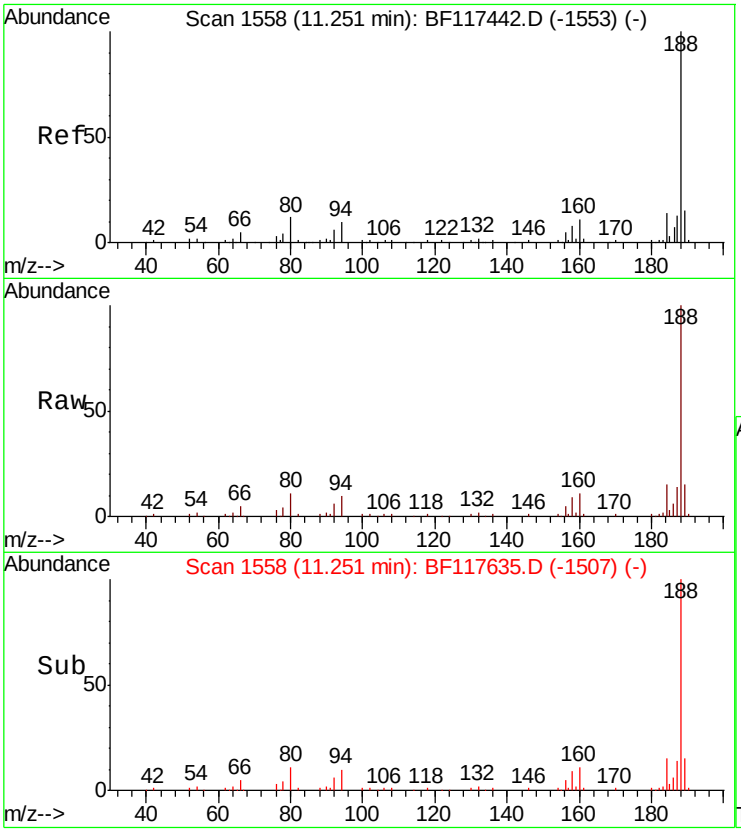


#57
2,4-Dinitrotoluene
Concen: 6.438 ng
RT: 9.76 min Scan# 1305
Delta R.T. -0.21 min
Lab File: BF117635.D
Acq: 30 Oct 2019 19:59

Tgt Ion:165 Resp: 8875

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#



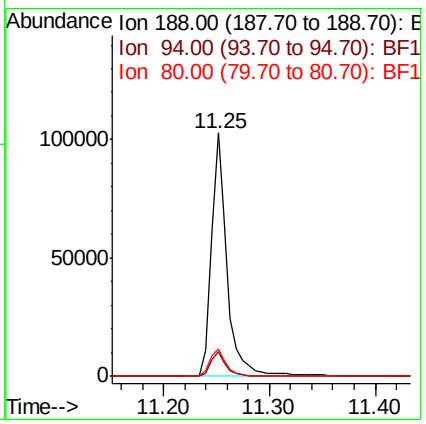


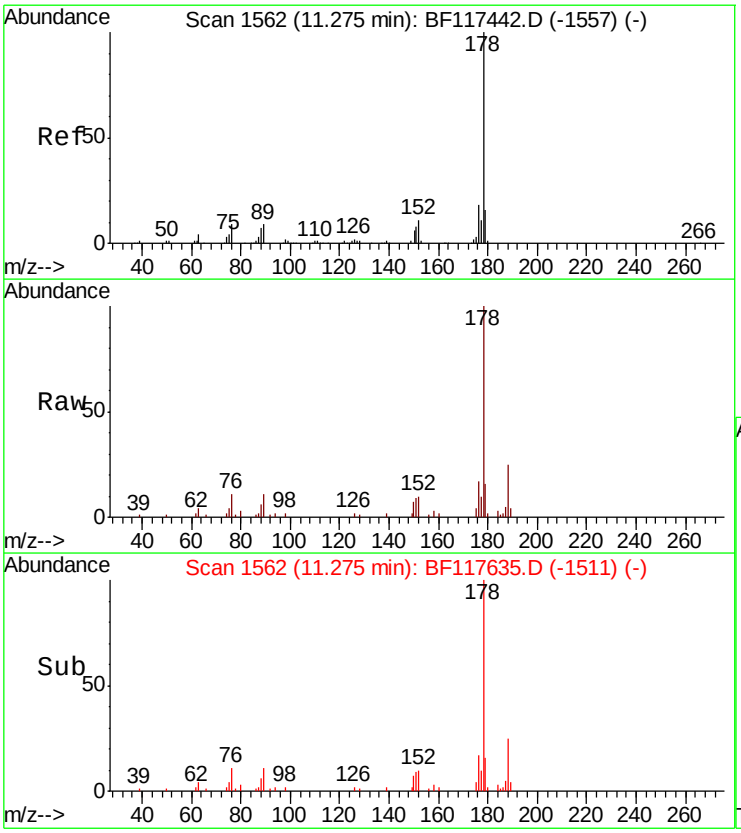
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.25 min Scan# 1558
Delta R.T. 0.00 min
Lab File: BF117635.D
Acq: 30 Oct 2019 19:59

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 108233

Ion	Ratio	Lower	Upper
188	100		
94	10.1	8.0	12.0
80	11.2	9.5	14.3

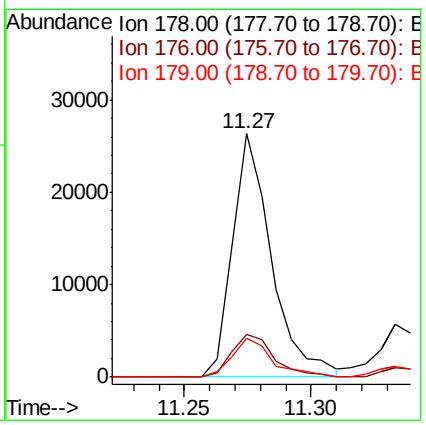


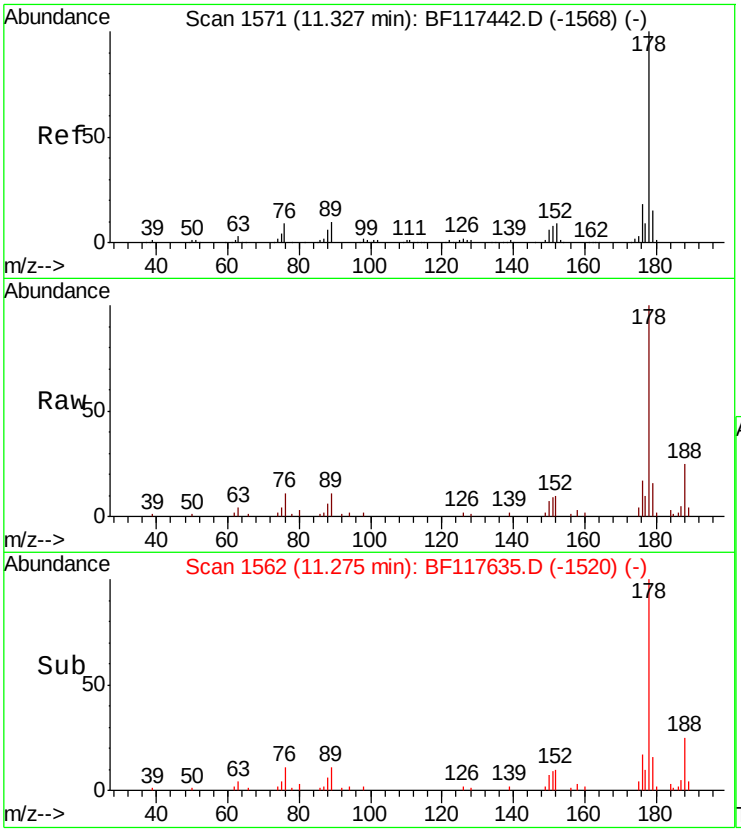


#71
Phenanthrene
Concen: 4.476 ng
RT: 11.27 min Scan# 1562
Delta R.T. 0.00 min
Lab File: BF117635.D
Acq: 30 Oct 2019 19:59

Tgt Ion:178 Resp: 28128

Ion	Ratio	Lower	Upper
178	100		
176	17.5	14.6	22.0
179	16.0	12.6	19.0



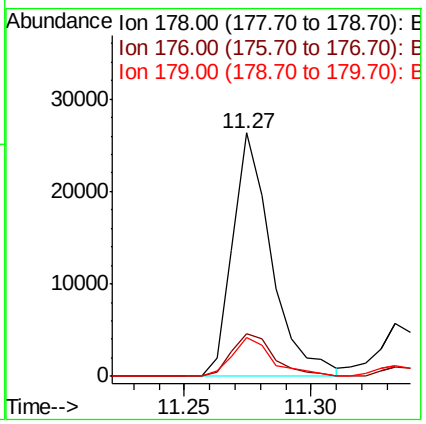


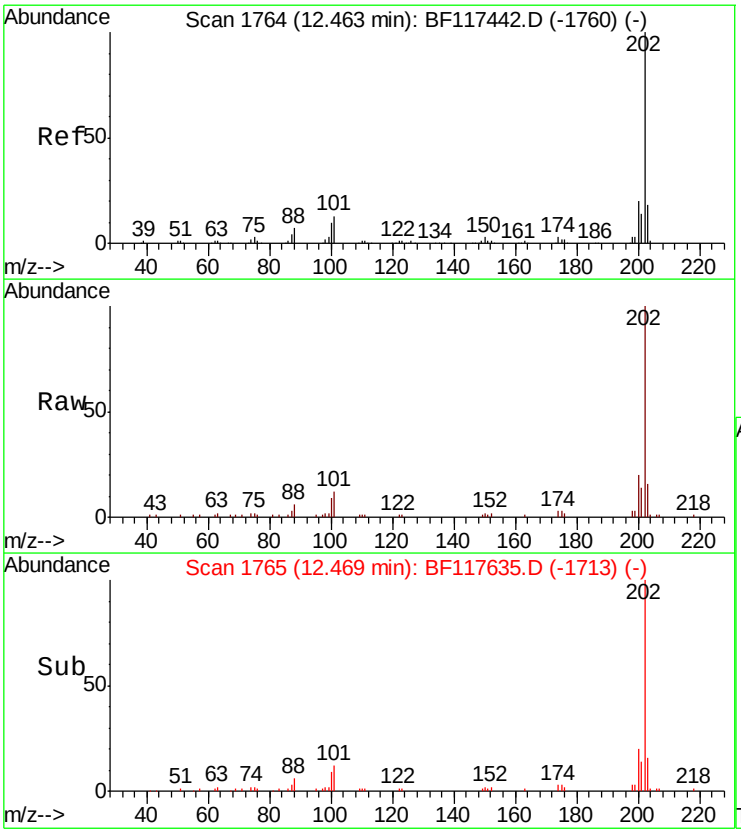
#72
Anthracene
Concen: 4.362 ng
RT: 11.27 min Scan# 1562
Delta R.T. -0.05 min
Lab File: BF117635.D
Acq: 30 Oct 2019 19:59

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 28128

Ion	Ratio	Lower	Upper
178	100		
176	17.5	14.7	22.1
179	16.0	12.2	18.2

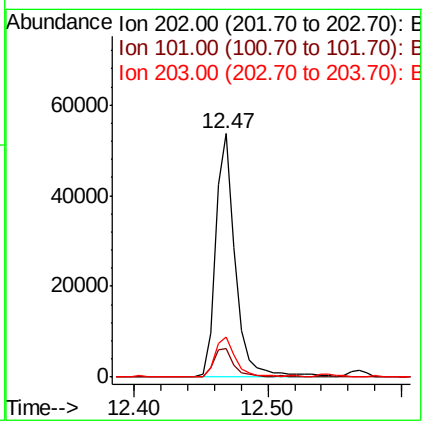


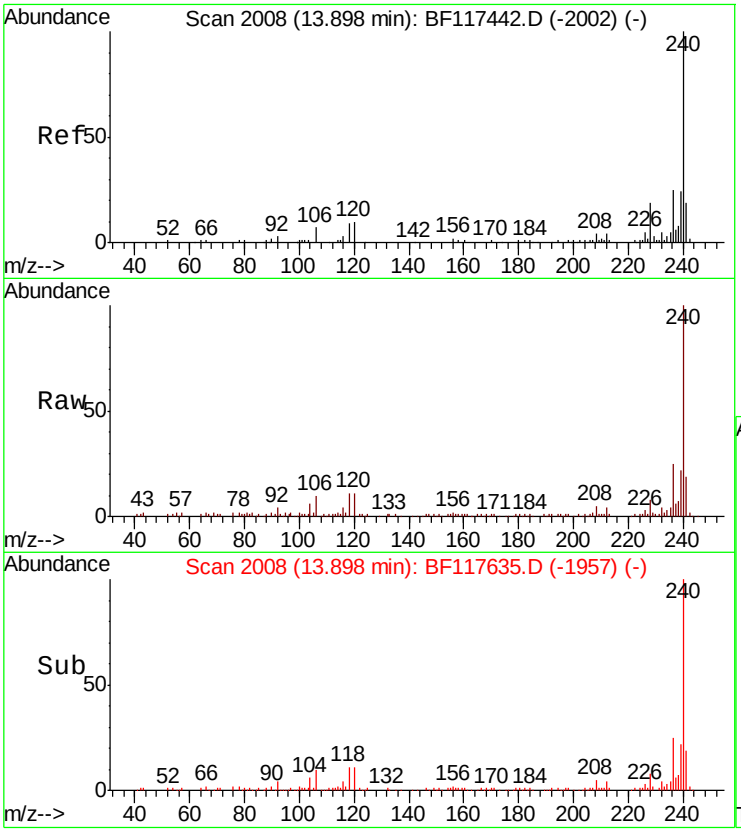


#75
Fluoranthene
Concen: 8.833 ng
RT: 12.47 min Scan# 1765
Delta R.T. 0.01 min
Lab File: BF117635.D
Acq: 30 Oct 2019 19:59

Tgt Ion:202 Resp: 55573

Ion	Ratio	Lower	Upper
202	100		
101	11.6	0.0	32.7
203	16.3	0.0	37.6



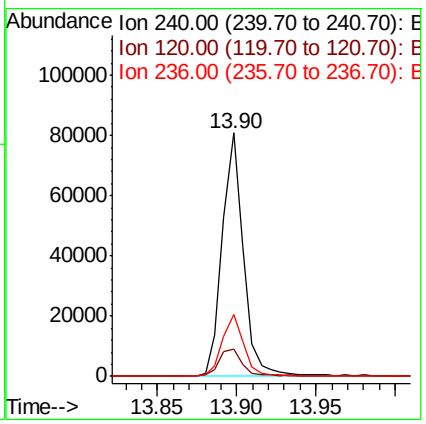


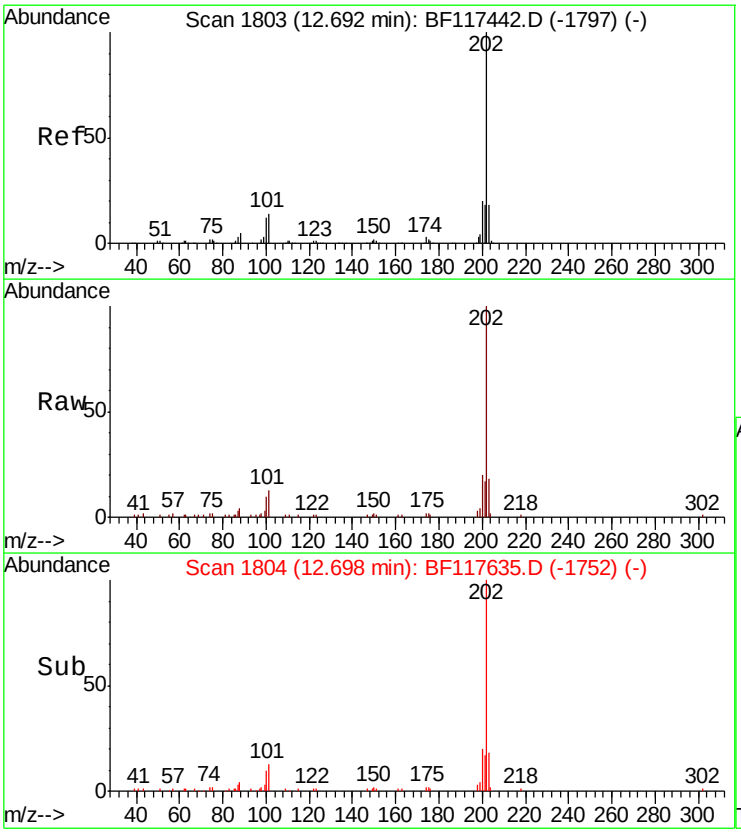
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.90 min Scan# 2008
Delta R.T. 0.00 min
Lab File: BF117635.D
Acq: 30 Oct 2019 19:59

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 75093

Ion	Ratio	Lower	Upper
240	100		
120	11.3	8.4	12.6
236	25.3	20.0	30.0

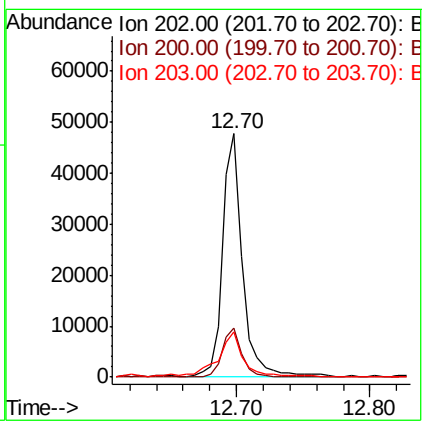


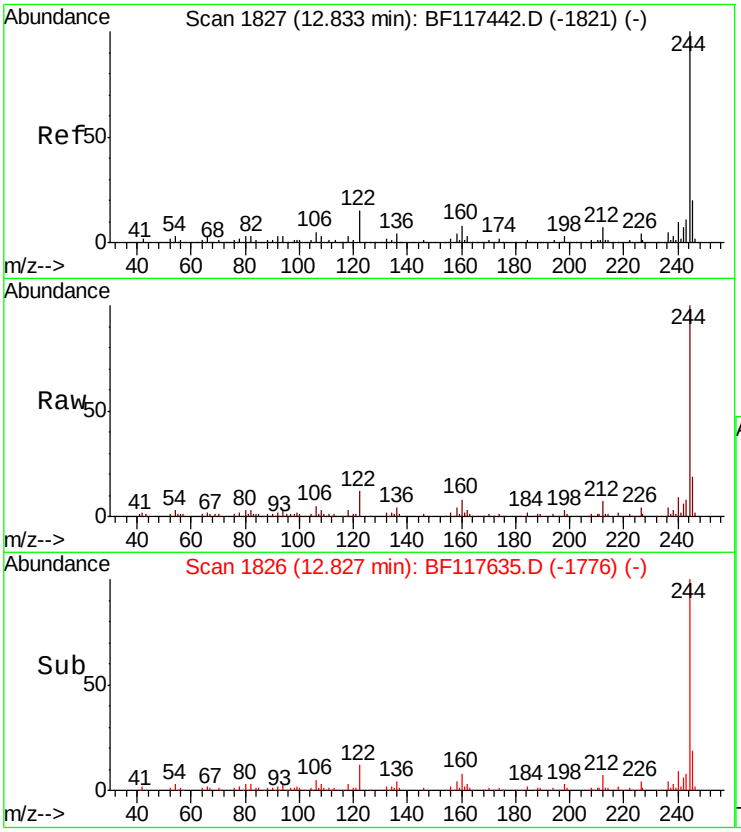


#78
Pyrene
Concen: 7.823 ng
RT: 12.70 min Scan# 1804
Delta R.T. 0.01 min
Lab File: BF117635.D
Acq: 30 Oct 2019 19:59

Tgt Ion:202 Resp: 50459

Ion	Ratio	Lower	Upper
202	100		
200	19.9	16.2	24.2
203	18.4	14.0	21.0



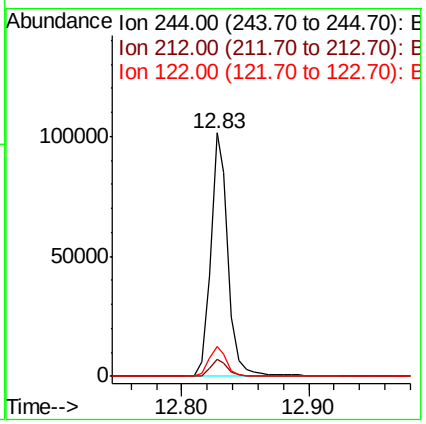


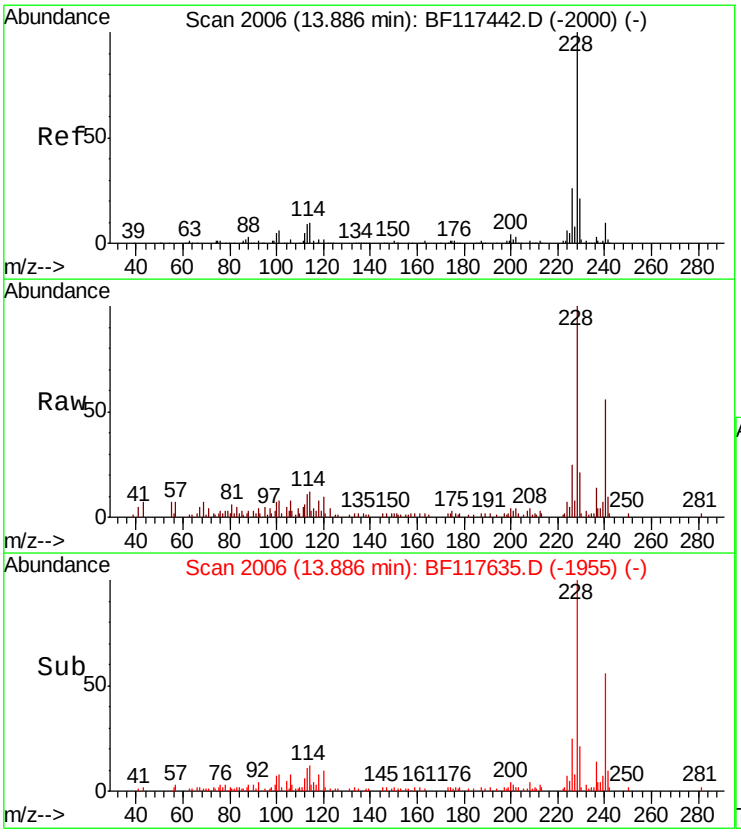
#79
Terphenyl-d14
Concen: 21.059 ng
RT: 12.83 min Scan# 1826
Delta R.T. -0.01 min
Lab File: BF117635.D
Acq: 30 Oct 2019 19:59

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 96950

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.8	8.6
122	12.3	11.8	17.8

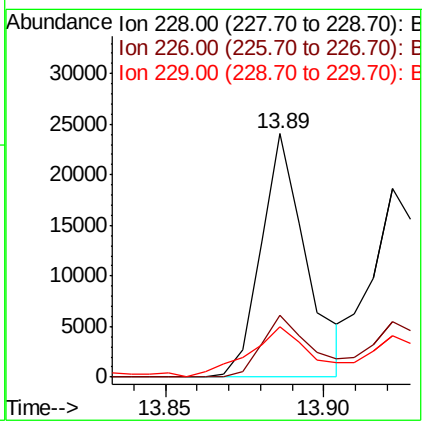


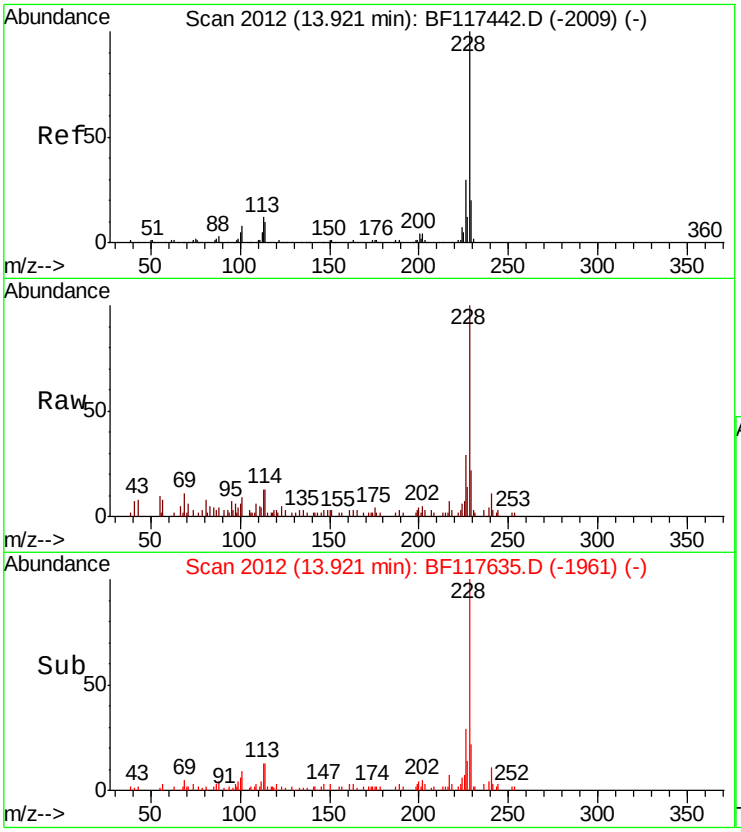


#81
Benzo(a)anthracene
Concen: 4.692 ng
RT: 13.89 min Scan# 2006
Delta R.T. 0.00 min
Lab File: BF117635.D
Acq: 30 Oct 2019 19:59

Tgt Ion:228 Resp: 23767

Ion	Ratio	Lower	Upper
228	100		
226	25.4	21.0	31.4
229	20.7	16.4	24.6



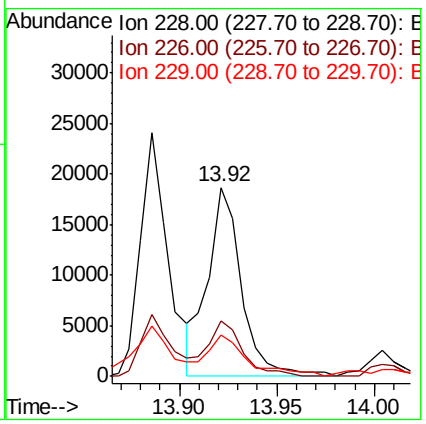


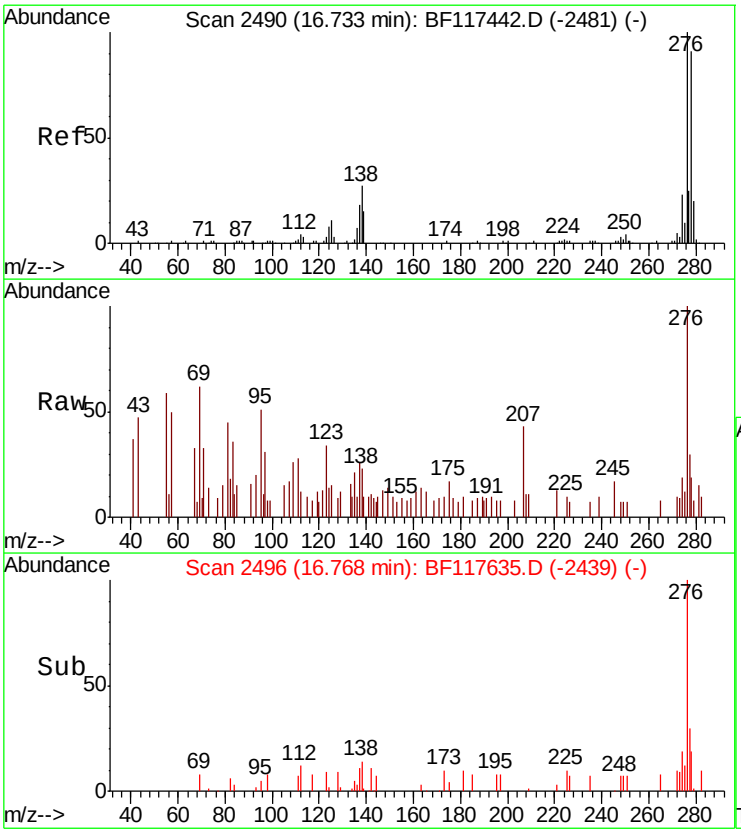
#83
Chrysene
Concen: 4.530 ng
RT: 13.92 min Scan# 2012
Delta R.T. 0.00 min
Lab File: BF117635.D
Acq: 30 Oct 2019 19:59

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 22488

Ion	Ratio	Lower	Upper
228	100		
226	29.4	23.9	35.9
229	22.1	15.8	23.6

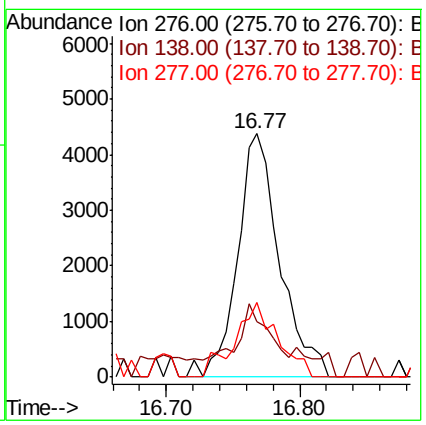


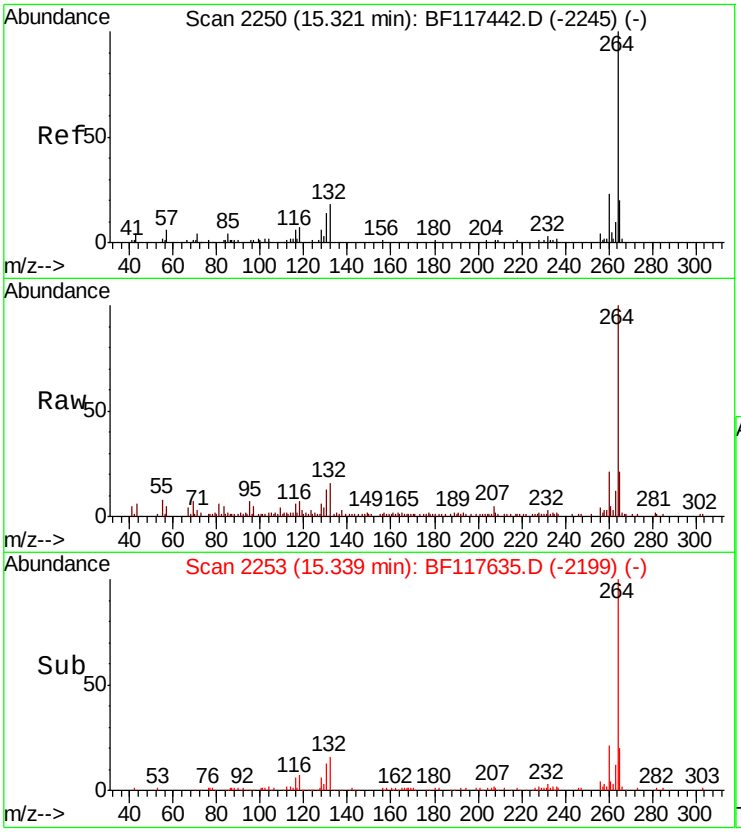


#86
Indeno(1,2,3-cd)pyrene
Concen: 2.570 ng
RT: 16.77 min Scan# 2496
Delta R.T. 0.04 min
Lab File: BF117635.D
Acq: 30 Oct 2019 19:59

Tgt Ion:276 Resp: 9525

Ion	Ratio	Lower	Upper
276	100		
138	14.8	21.8	32.8#
277	31.6	20.0	30.0#



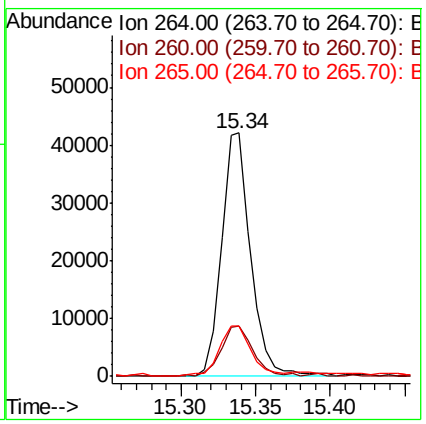


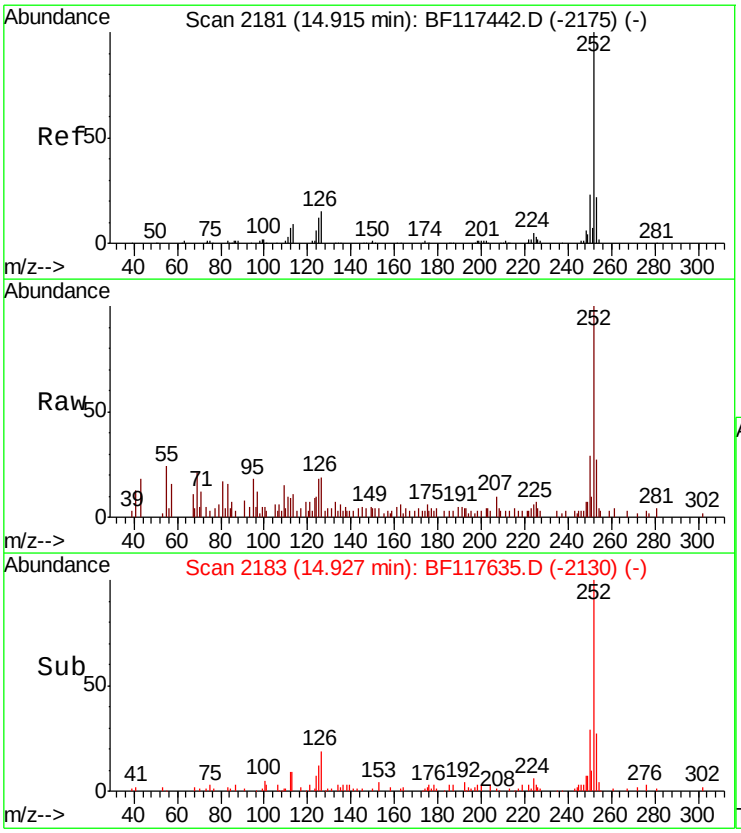
#87
Perylene-d12
Concen: 20.000 ng
RT: 15.34 min Scan# 2253
Delta R.T. 0.02 min
Lab File: BF117635.D
Acq: 30 Oct 2019 19:59

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 57857

Ion	Ratio	Lower	Upper
264	100		
260	20.6	18.4	27.6
265	20.6	16.1	24.1

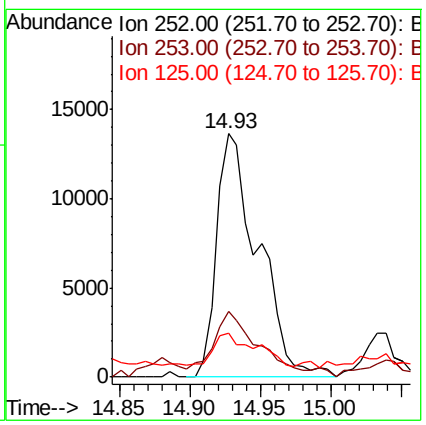


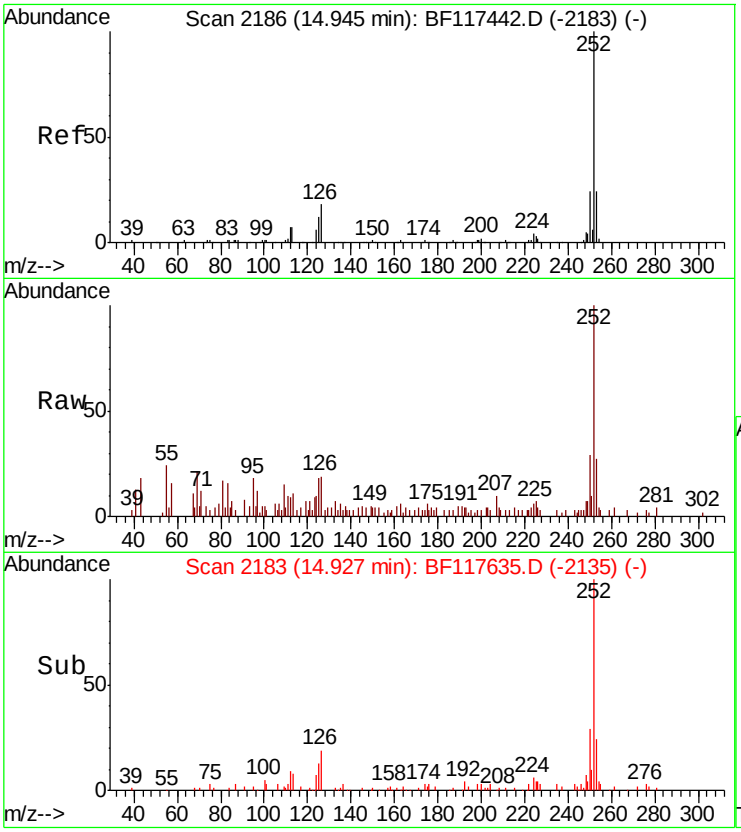


#88
Benzo(b)fluoranthene
Concen: 8.187 ng
RT: 14.93 min Scan# 2183
Delta R.T. 0.01 min
Lab File: BF117635.D
Acq: 30 Oct 2019 19:59

Tgt Ion:252 Resp: 27971

Ion	Ratio	Lower	Upper
252	100		
253	27.1	17.8	26.6#
125	18.0	9.9	14.9#



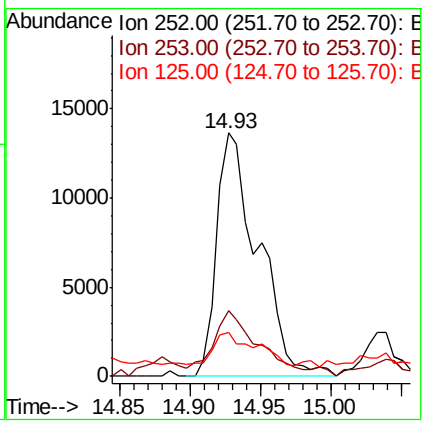


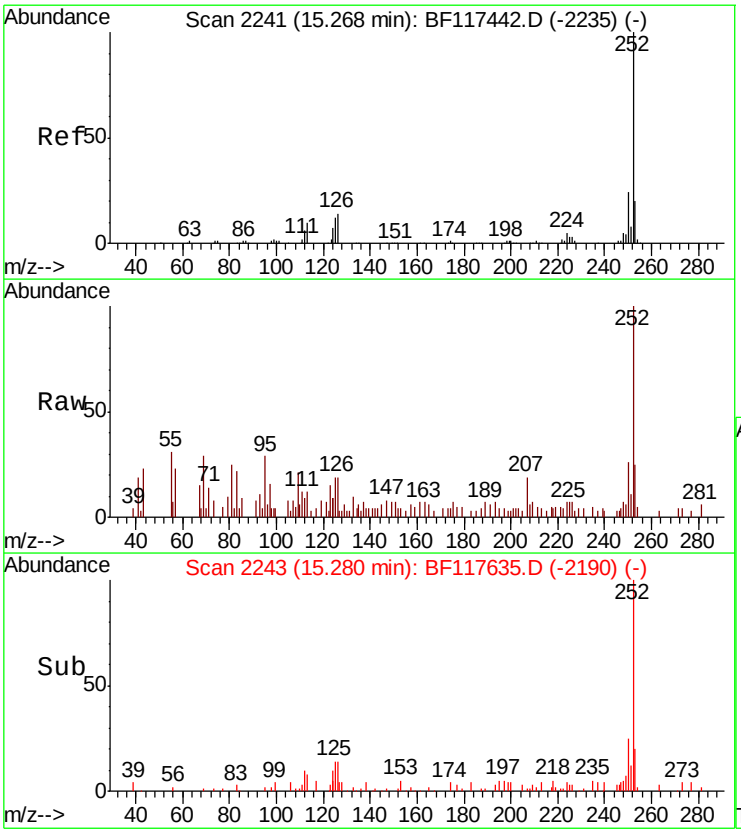
#89
Benzo(k)fluoranthene
Concen: 7.988 ng
RT: 14.93 min Scan# 2183
Delta R.T. -0.02 min
Lab File: BF117635.D
Acq: 30 Oct 2019 19:59

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 27971

Ion	Ratio	Lower	Upper
252	100		
253	27.1	18.0	27.0#
125	18.0	8.9	13.3#

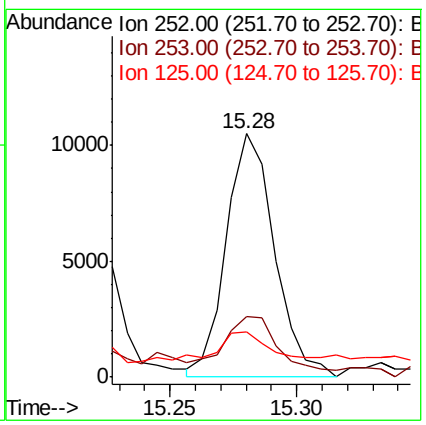


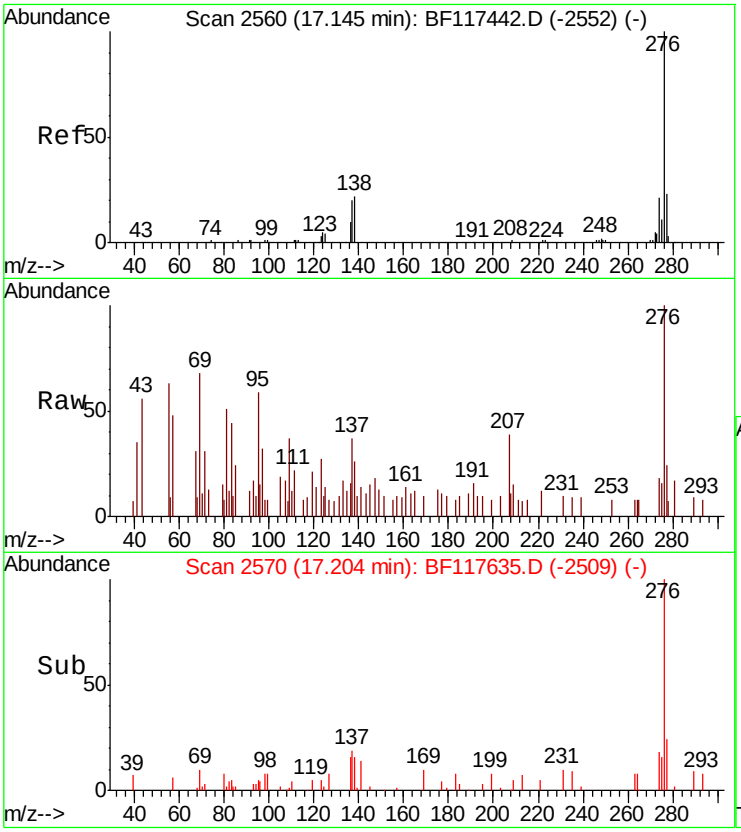


#90
Benzo(a)pyrene
Concen: 4.492 ng
RT: 15.28 min Scan# 2243
Delta R.T. 0.01 min
Lab File: BF117635.D
Acq: 30 Oct 2019 19:59

Tgt Ion:252 Resp: 13954

Ion	Ratio	Lower	Upper
252	100		
253	25.1	16.3	24.5#
125	18.6	9.2	13.8#





#92
Benzo(g,h,i)perylene
Concen: 3.624 ng
RT: 17.20 min Scan# 2570
Delta R.T. 0.06 min
Lab File: BF117635.D
Acq: 30 Oct 2019 19:59

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 9209

Ion	Ratio	Lower	Upper
276	100		
277	24.0	18.4	27.6
138	26.2	17.8	26.6