Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF103119\
Data File : BF117660.D
Acq On : 31 Oct 2019 16:11
Operator : JU
Sample : K5541-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Nov 01 01:21:08 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	32869	20.00	ng		0.00
21) Naphthalene-d8	8.01	136	134174	20.00	ng		0.00
39) Acenaphthene-d10	9.76	164	70334	20.00	ng		0.00
64) Phenanthrene-d10	11.25	188	121253	20.00	ng		0.00
76) Chrysene-d12	13.90	240	70981	20.00	ng		0.00
87) Perylene-d12	15.33	264	72006	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.36	112	204382	92.51	ng		0.00
7) Phenol-d6	6.39	99	299344	100.88	ng		0.00
23) Nitrobenzene-d5	7.30	82	185895	68.40	ng		0.00
42) 2,4,6-Tribromophenol	10.56	330	51591	84.77	ng		0.00
45) 2-Fluorobiphenyl	9.08	172	216347	43.34	ng		-0.01
79) Terphenyl-d14	12.83	244	174709	40.15	ng		0.00
Target Compounds							Qvalue
10) Phenol	6.40	94	12038	3.975	ng	#	78
19) n-Nitroso-di-n-propylamine	7.30	70	22984	12.682	ng	#	79
25) Isophorone	7.30	82	185894	39.538	ng	#	65
50) Dimethylphthalate	9.49	163	33525	6.686	ng		99
51) 2,6-Dinitrotoluene	9.76	165	8427	8.054	ng	#	22
57) 2,4-Dinitrotoluene	9.76	165	8427	6.058	ng	#	12
67) 4-Bromophenyl-phenylether	10.56	248	2942	2.253	ng	#	1
71) Phenanthrene	11.27	178	34144	4.850	ng		97
75) Fluoranthene	12.47	202	114703	16.274	ng		99
77) Benzidine	12.83	184	2627	Below Cal		#	81
78) Pyrene	12.70	202	110540	18.131	ng		100
81) Benzo(a)anthracene	13.89	228	48790	10.190	ng		97
83) Chrysene	13.92	228	32144	6.850	ng		95
86) Indeno(1,2,3-cd)pyrene	16.77	276	22201	6.337	ng		99
88) Benzo(b)fluoranthene	14.93	252	59901	14.088	ng		97
89) Benzo(k)fluoranthene	14.93	252	59901	13.745	ng	#	96
90) Benzo(a)pyrene	15.28	252	35239	9.115	ng		96
92) Benzo(g,h,i)perylene	17.20	276	20269	6.408	ng		97

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

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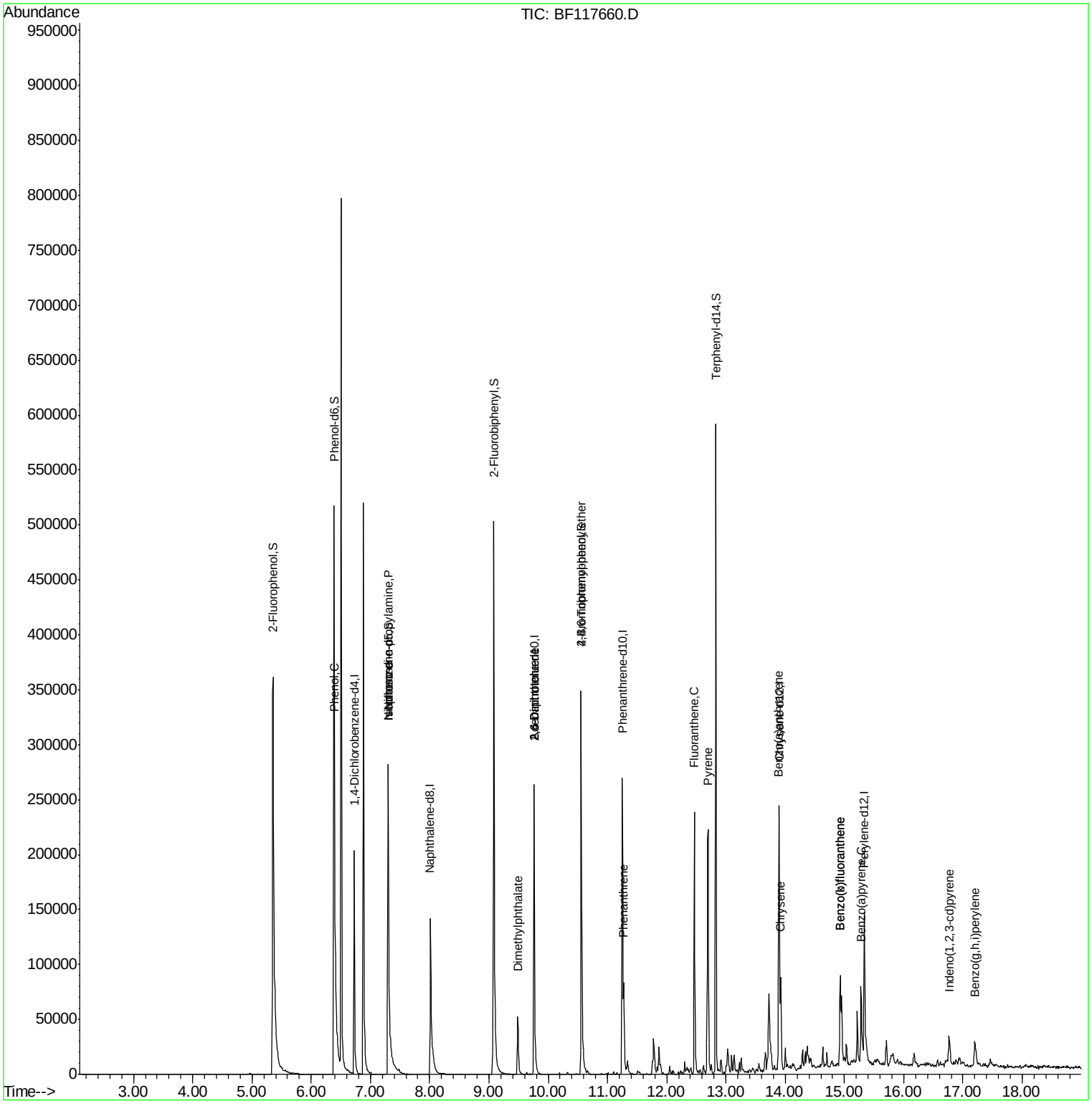
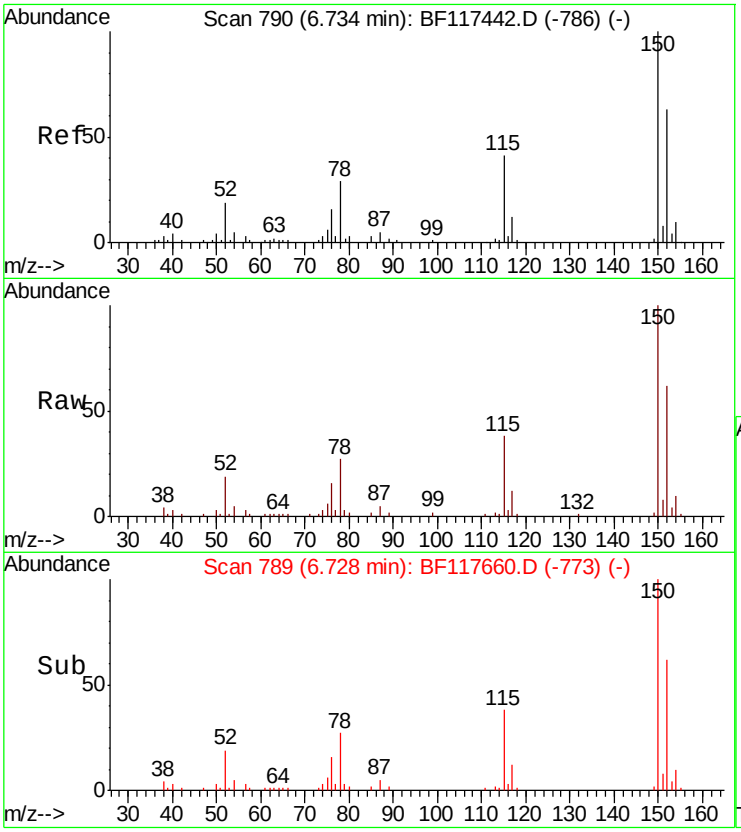


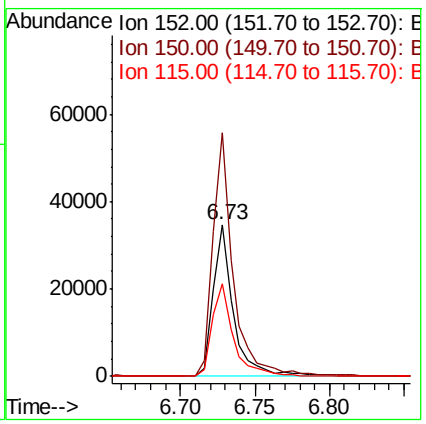


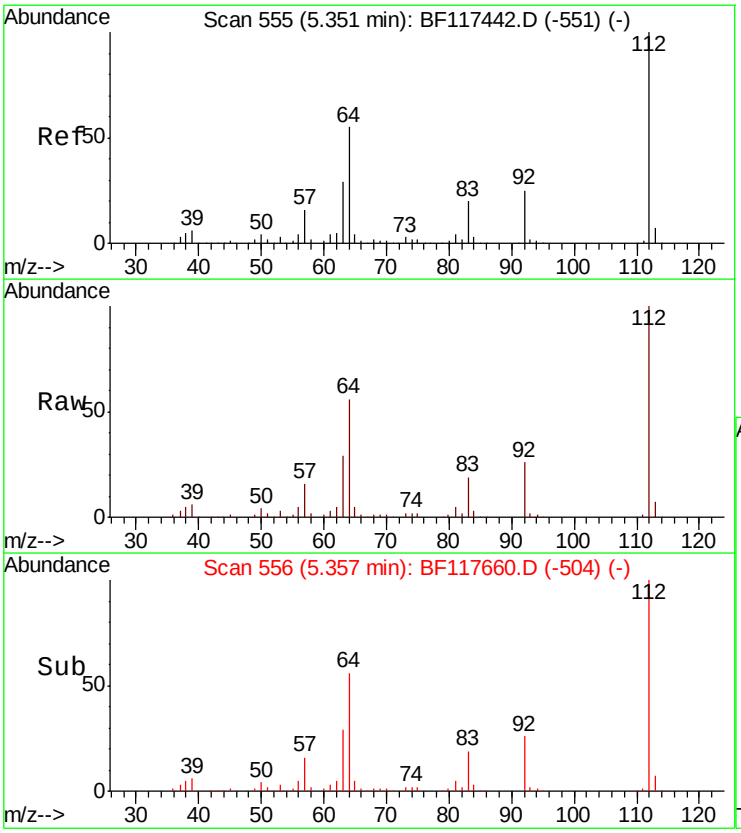
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 789
Delta R.T. -0.01 min
Lab File: BF117660.D
Acq: 31 Oct 2019 16:11

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 32869

Ion	Ratio	Lower	Upper
152	100		
150	160.7	126.8	190.2
115	60.9	51.6	77.4

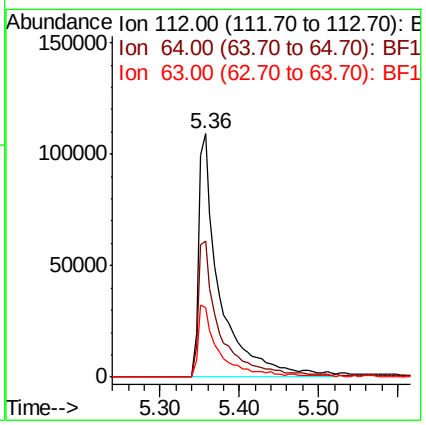


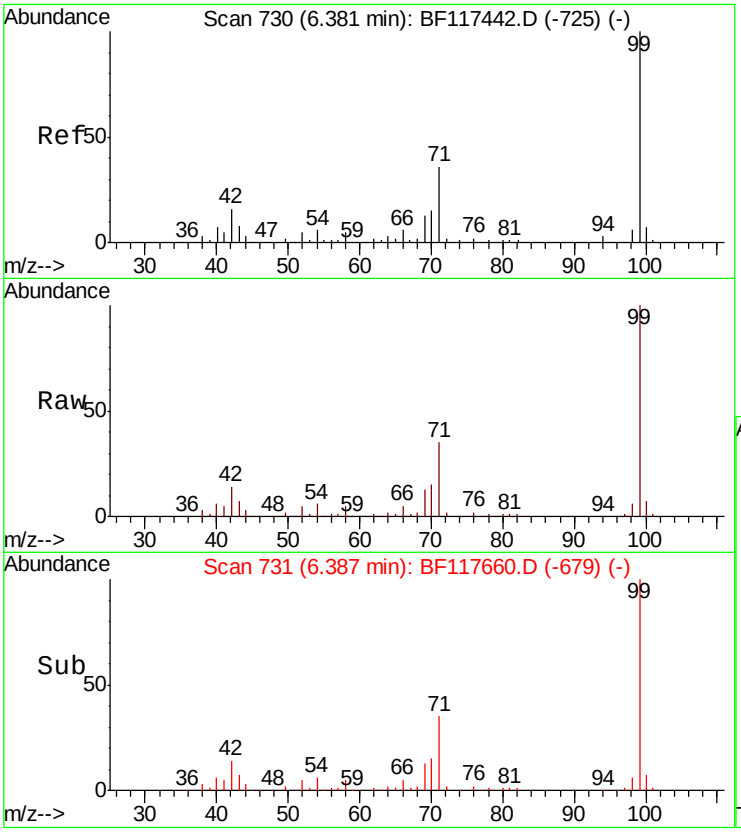


#5
2-Fluorophenol
Concen: 92.507 ng
RT: 5.36 min Scan# 556
Delta R.T. 0.01 min
Lab File: BF117660.D
Acq: 31 Oct 2019 16:11

Tgt Ion:112 Resp: 204382

Ion	Ratio	Lower	Upper
112	100		
64	56.0	44.1	66.1
63	28.6	23.4	35.2



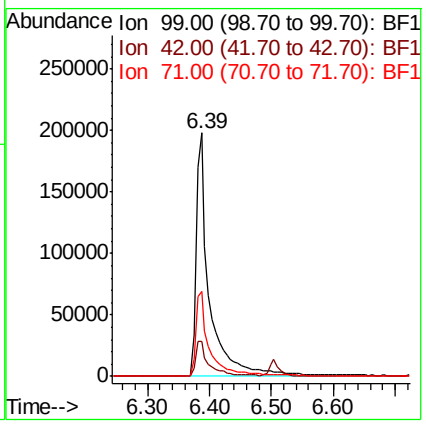


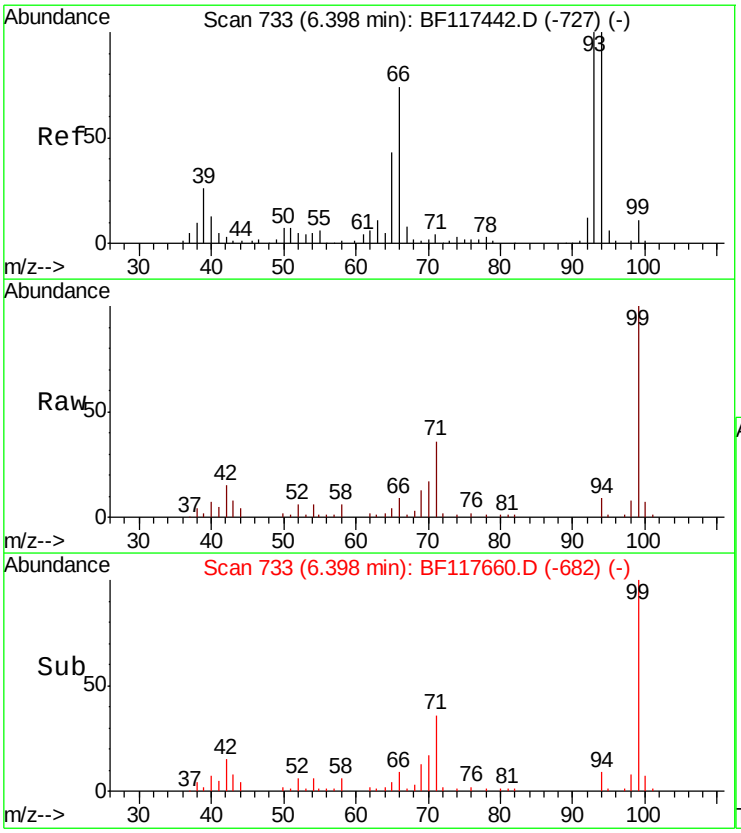
#7
Phenol-d6
Concen: 100.876 ng
RT: 6.39 min Scan# 731
Delta R.T. 0.01 min
Lab File: BF117660.D
Acq: 31 Oct 2019 16:11

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 299344

Ion	Ratio	Lower	Upper
99	100		
42	14.3	12.8	19.2
71	35.1	28.6	43.0

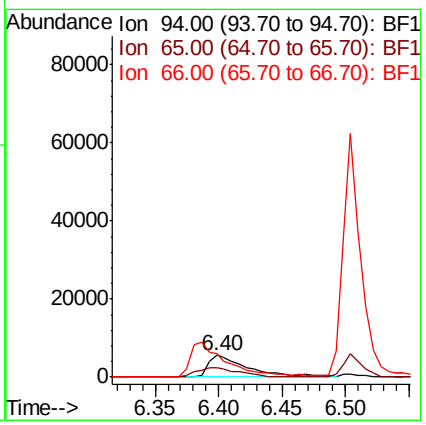


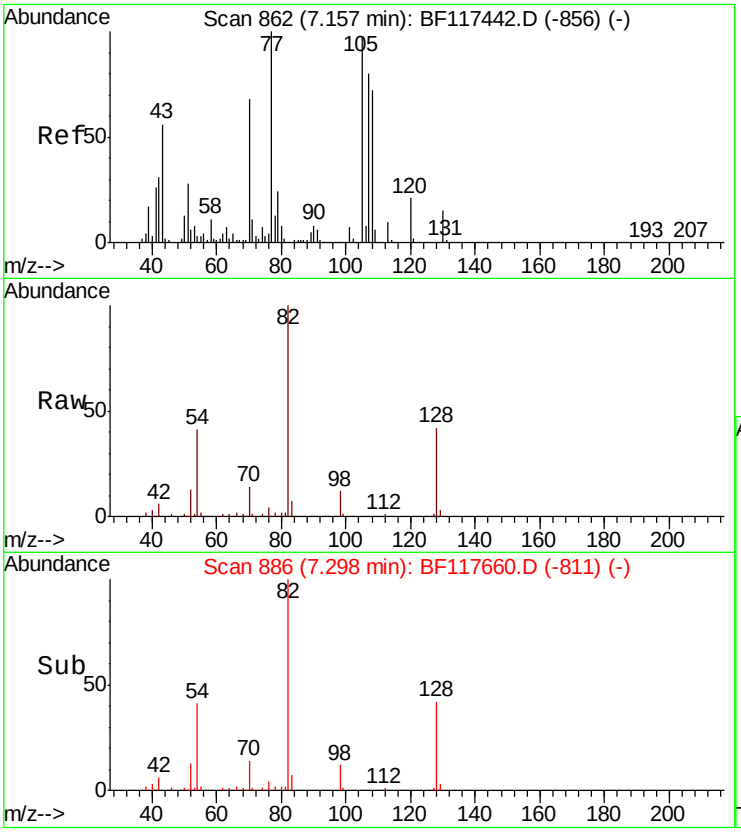


#10
Phenol
Concen: 3.975 ng
RT: 6.40 min Scan# 733
Delta R.T. 0.00 min
Lab File: BF117660.D
Acq: 31 Oct 2019 16:11

Tgt Ion: 94 Resp: 12038

Ion	Ratio	Lower	Upper
94	100		
65	42.0	23.4	63.4
66	103.5	54.7	94.7#



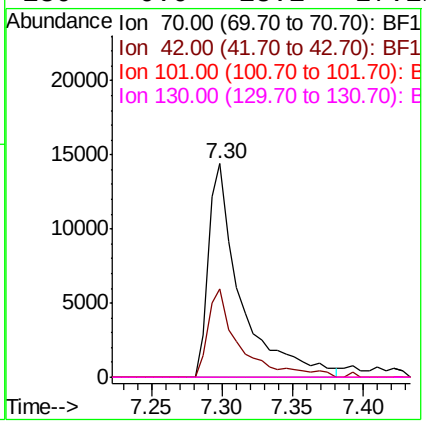


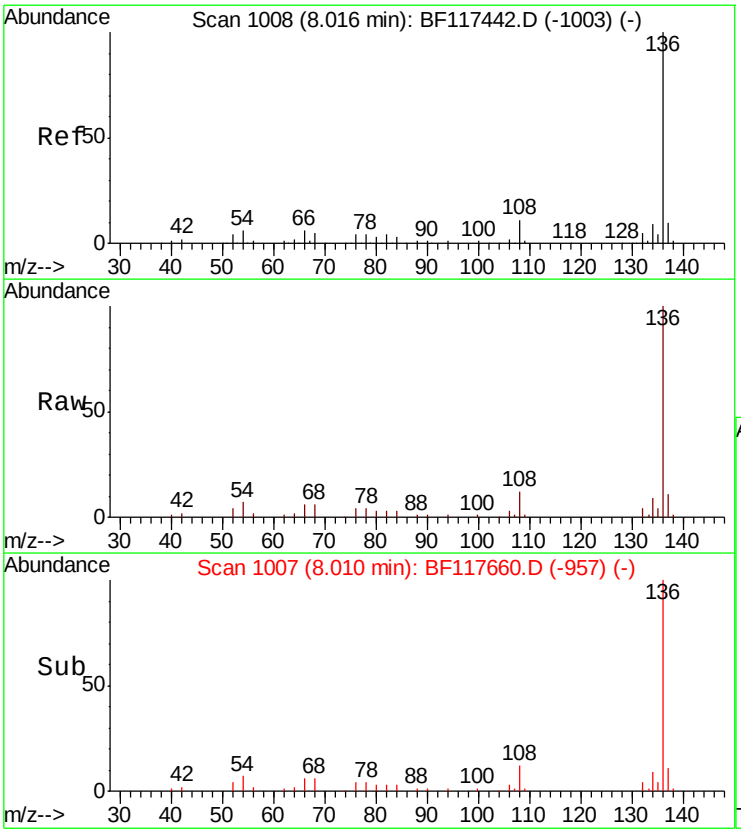
#19
n-Nitroso-di-n-propylamine
Concen: 12.682 ng
RT: 7.30 min Scan# 886
Delta R.T. 0.14 min
Lab File: BF117660.D
Acq: 31 Oct 2019 16:11

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 22984

Ion	Ratio	Lower	Upper
70	100		
42	41.5	36.7	55.1
101	0.0	8.3	12.5#
130	0.0	18.1	27.1#

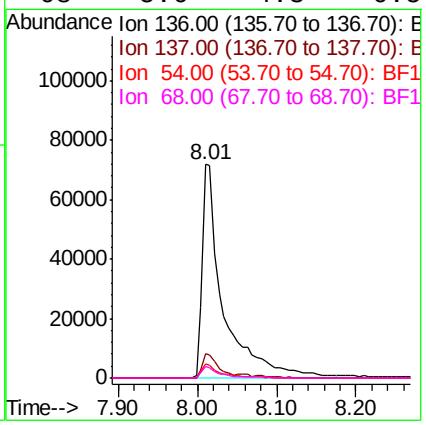


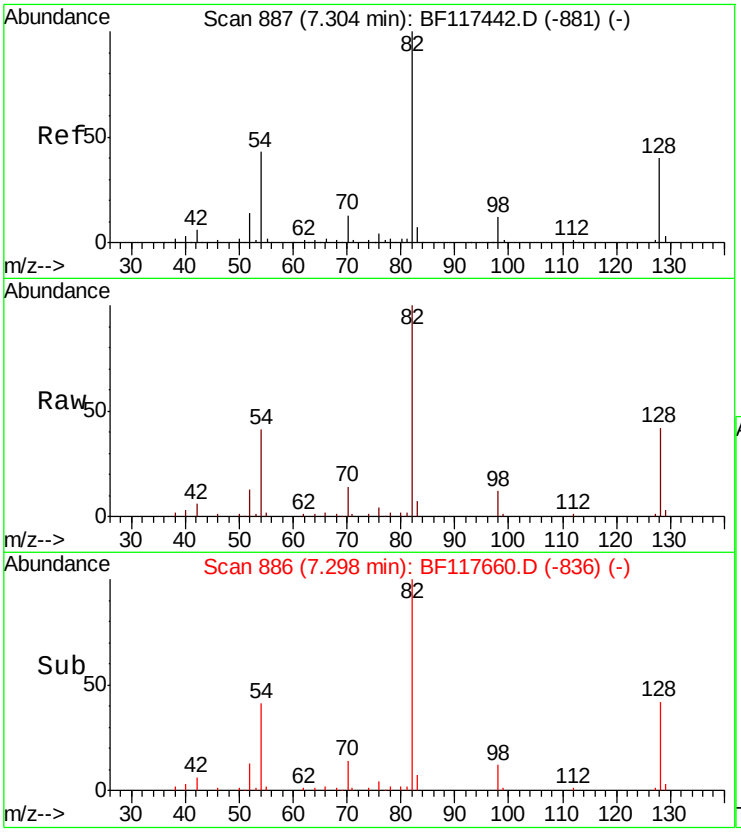


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.01 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BF117660.D
Acq: 31 Oct 2019 16:11

Tgt Ion:136 Resp: 134174

Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.2	12.4
54	6.8	4.5	6.7#
68	5.6	4.3	6.5



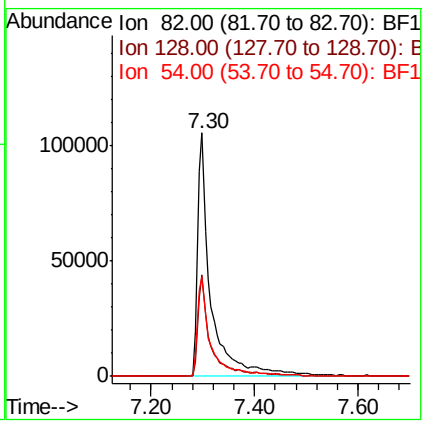


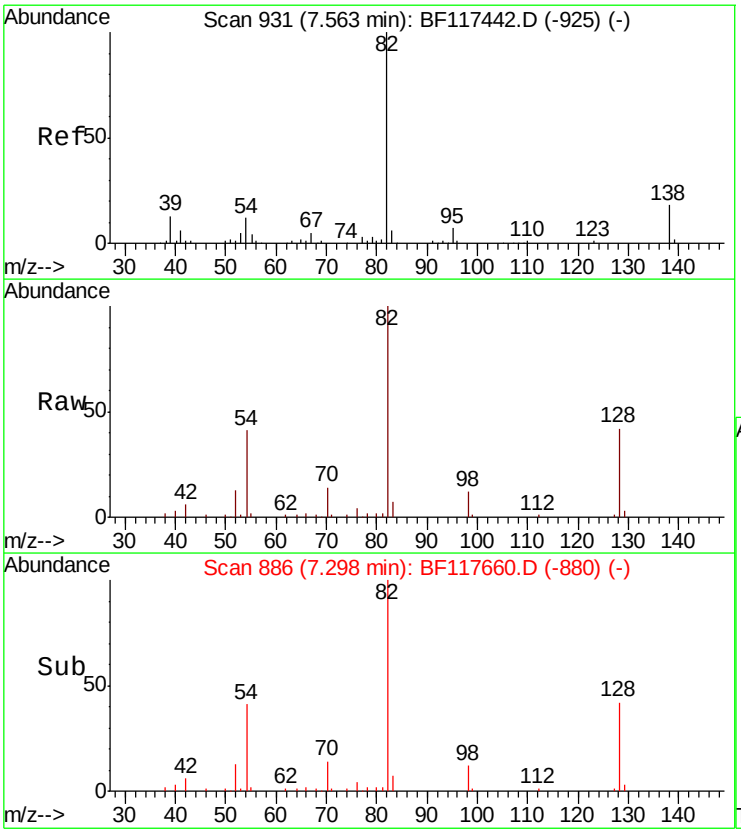
#23
Nitrobenzene-d5
Concen: 68.398 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.01 min
Lab File: BF117660.D
Acq: 31 Oct 2019 16:11

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 185895

Ion	Ratio	Lower	Upper
82	100		
128	41.9	32.2	48.2
54	40.7	34.2	51.2

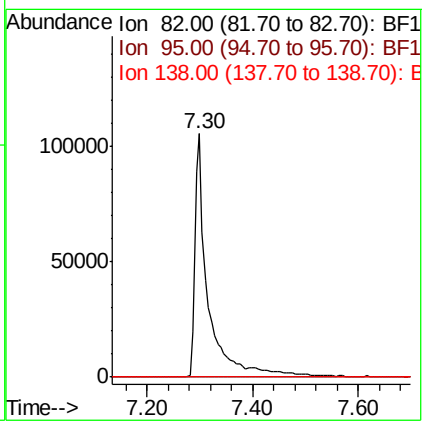


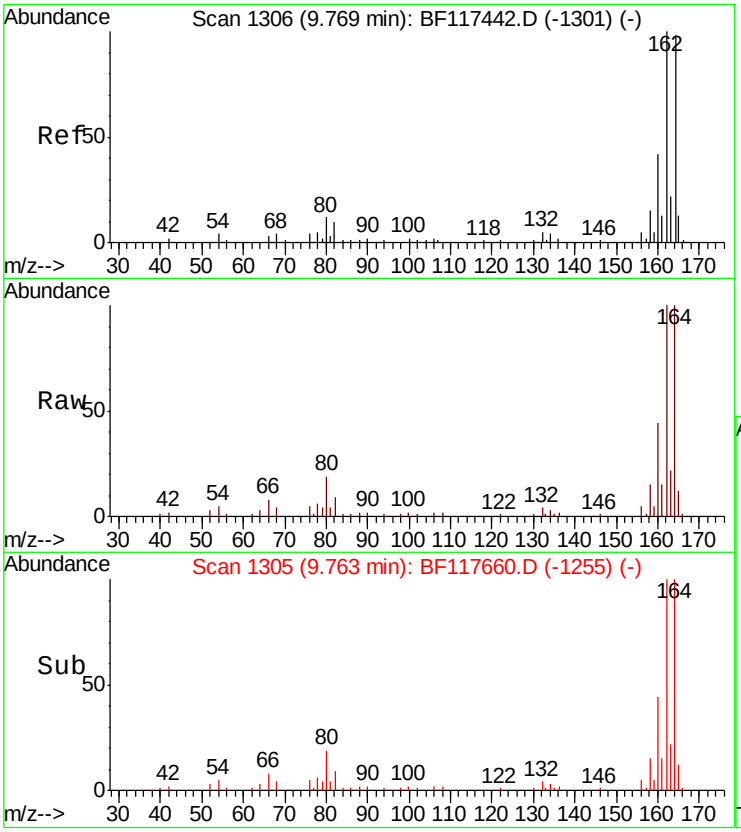


#25
Isophorone
Concen: 39.538 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.26 min
Lab File: BF117660.D
Acq: 31 Oct 2019 16:11

Tgt Ion: 82 Resp: 185894

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



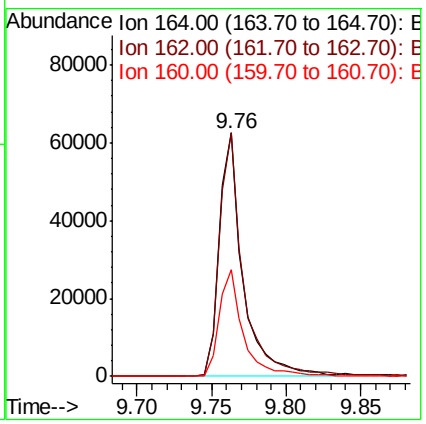


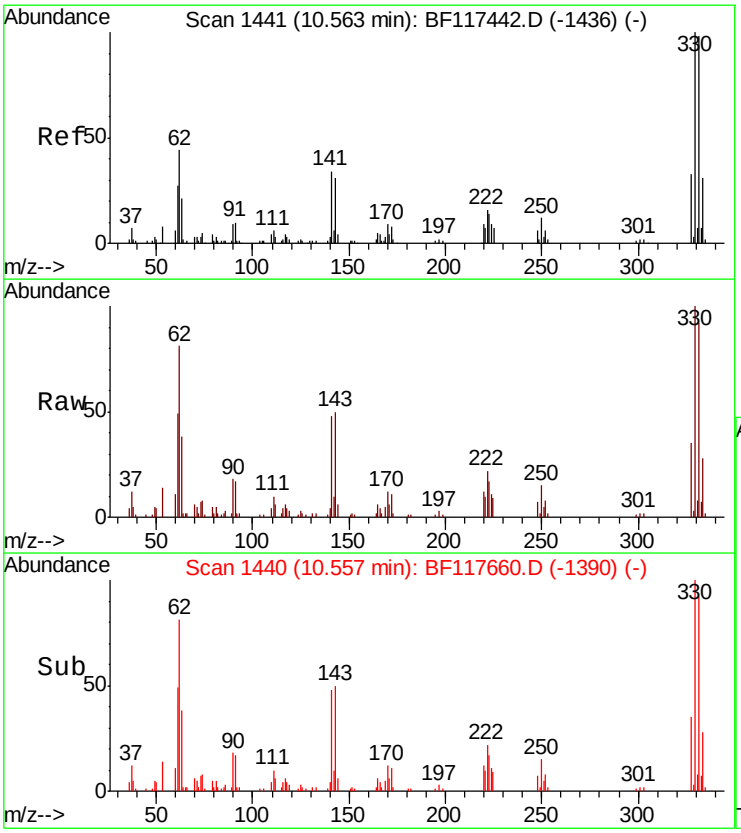
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.76 min Scan# 1305
Delta R.T. -0.01 min
Lab File: BF117660.D
Acq: 31 Oct 2019 16:11

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 70334

Ion	Ratio	Lower	Upper
164	100		
162	100.1	81.8	122.6
160	44.1	34.4	51.6

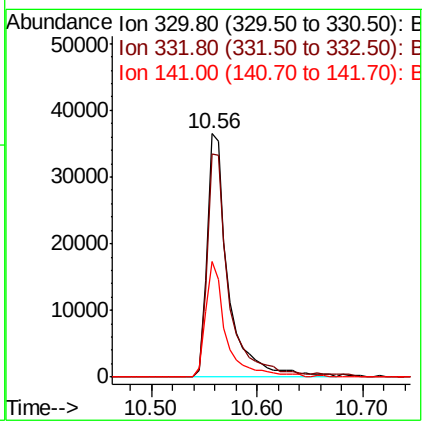


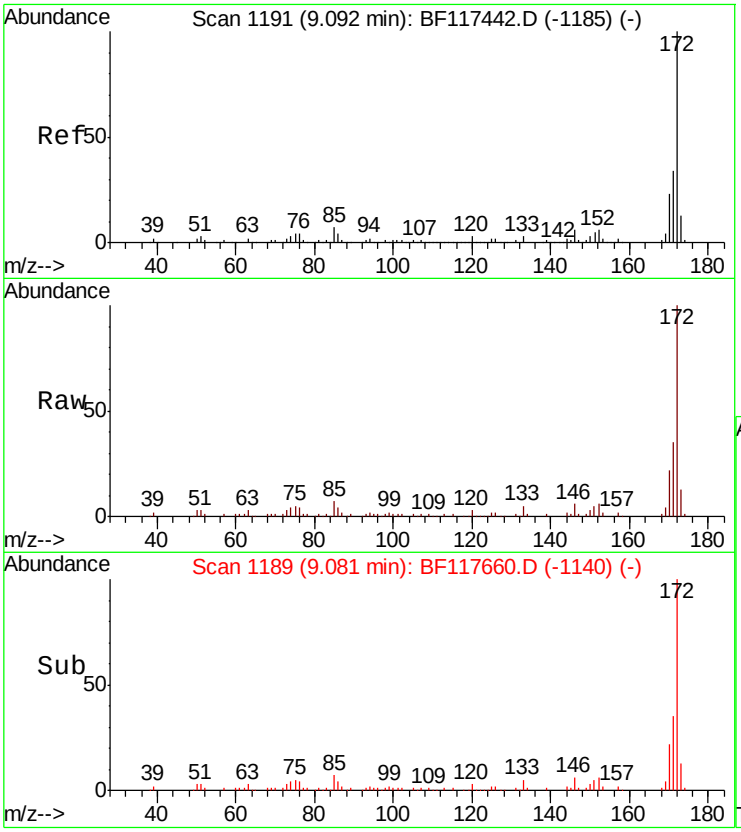


#42
2,4,6-Tribromophenol
Concen: 84.774 ng
RT: 10.56 min Scan# 1440
Delta R.T. -0.01 min
Lab File: BF117660.D
Acq: 31 Oct 2019 16:11

Tgt Ion:330 Resp: 51591

Ion	Ratio	Lower	Upper
330	100		
332	96.0	78.5	117.7
141	44.9	37.0	55.6



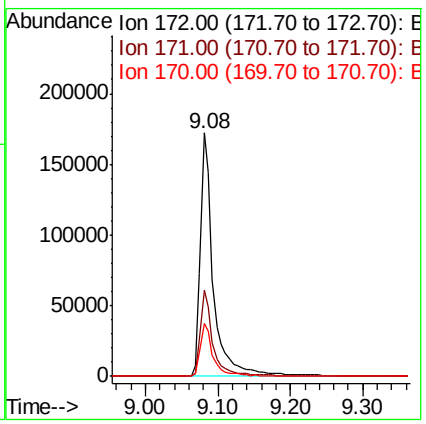


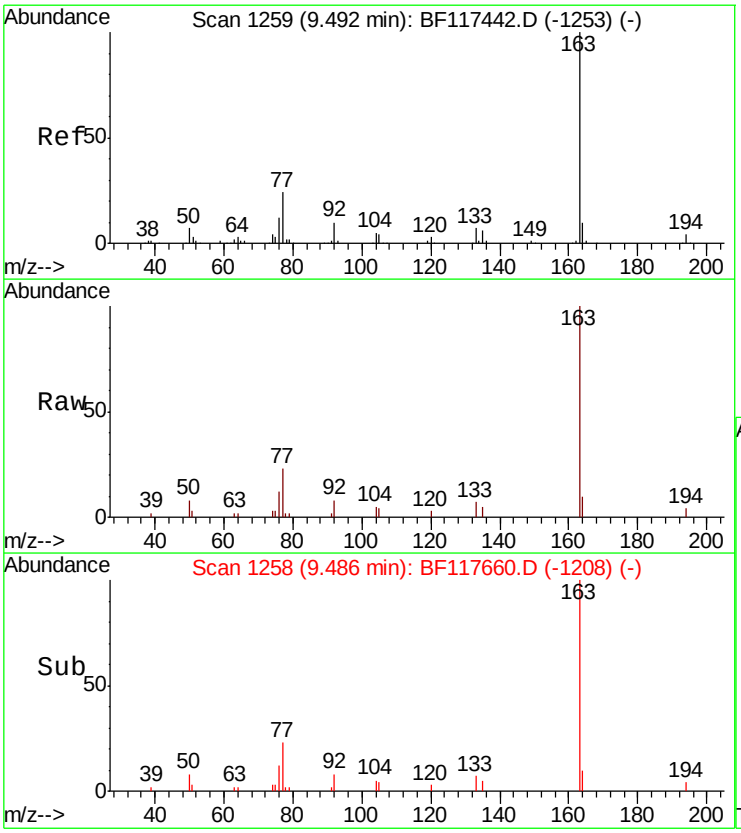
#45
2-Fluorobiphenyl
Concen: 43.340 ng
RT: 9.08 min Scan# 1189
Delta R.T. -0.01 min
Lab File: BF117660.D
Acq: 31 Oct 2019 16:11

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 216347

Ion	Ratio	Lower	Upper
172	100		
171	35.2	27.5	41.3
170	21.6	18.6	27.8

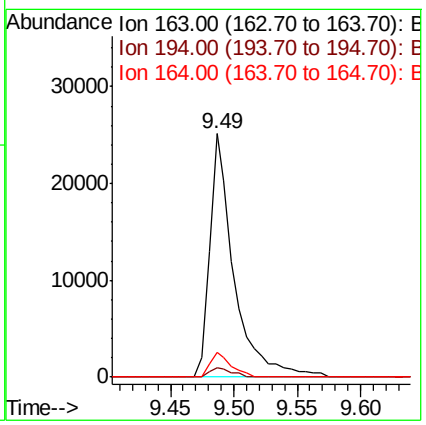


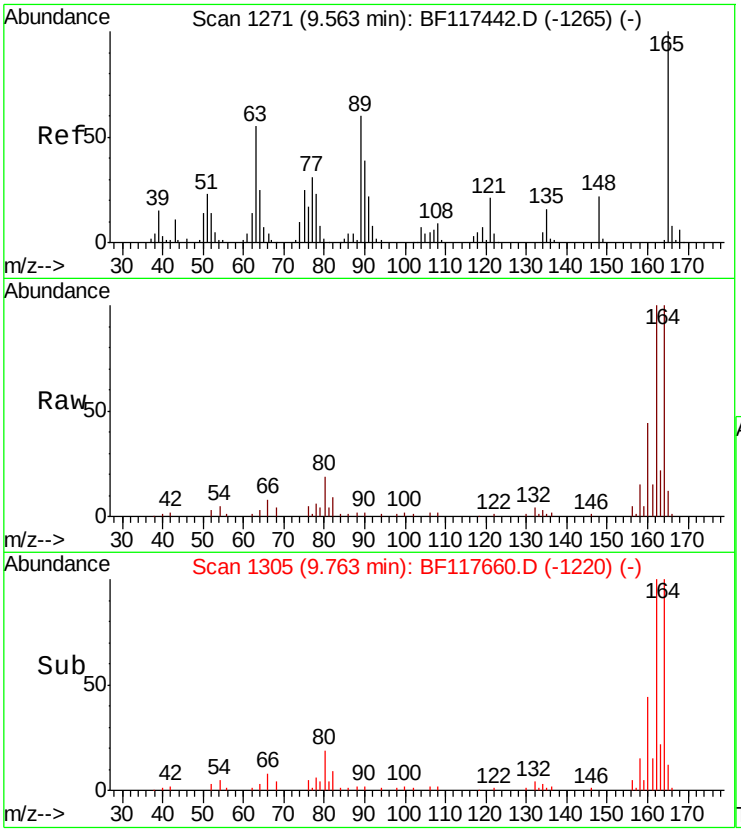


#50
Dimethylphthalate
Concen: 6.686 ng
RT: 9.49 min Scan# 1258
Delta R.T. -0.01 min
Lab File: BF117660.D
Acq: 31 Oct 2019 16:11

Tgt Ion:163 Resp: 33525

Ion	Ratio	Lower	Upper
163	100		
194	4.0	2.9	4.3
164	10.4	8.2	12.2



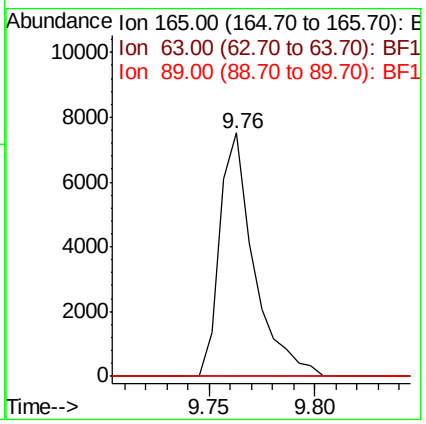


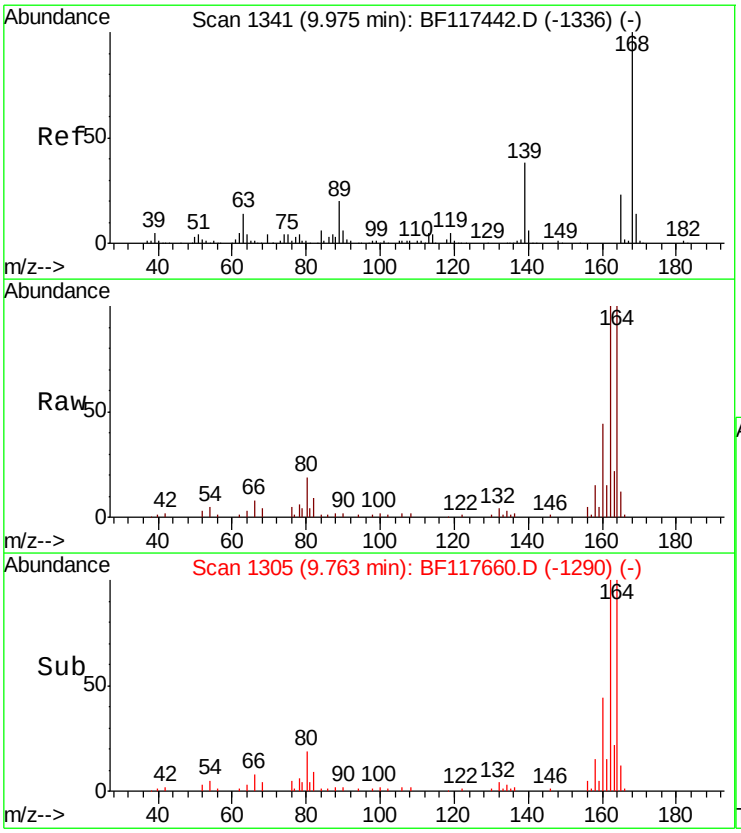
#51
2,6-Dinitrotoluene
Concen: 8.054 ng
RT: 9.76 min Scan# 1305
Delta R.T. 0.20 min
Lab File: BF117660.D
Acq: 31 Oct 2019 16:11

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 8427

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

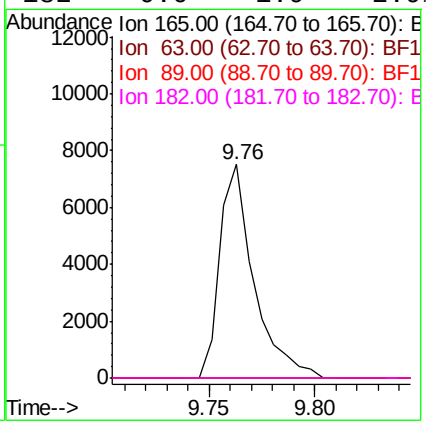


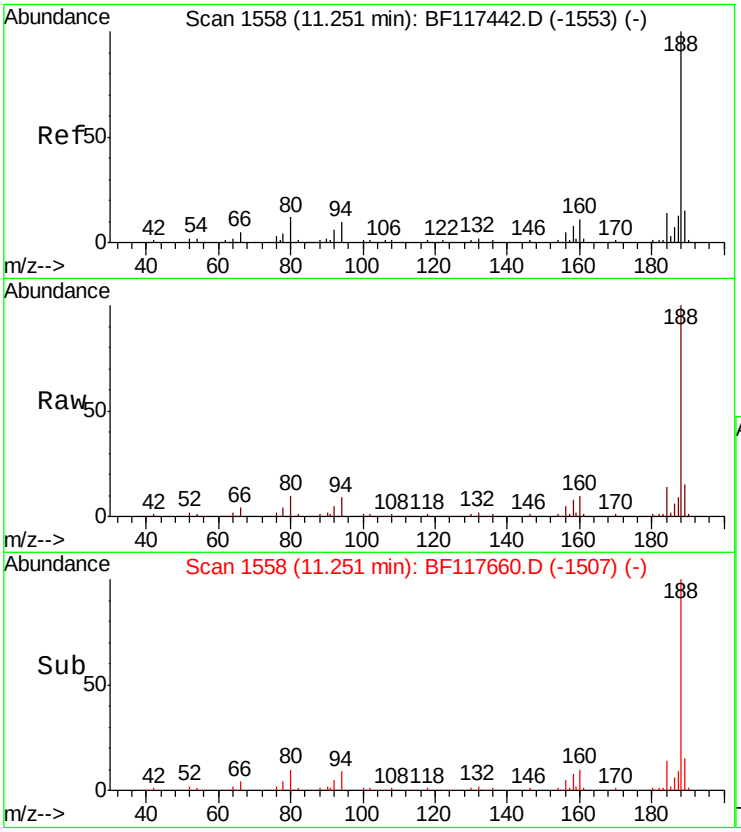


#57
2,4-Dinitrotoluene
Concen: 6.058 ng
RT: 9.76 min Scan# 1305
Delta R.T. -0.21 min
Lab File: BF117660.D
Acq: 31 Oct 2019 16:11

Tgt Ion:165 Resp: 8427

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#



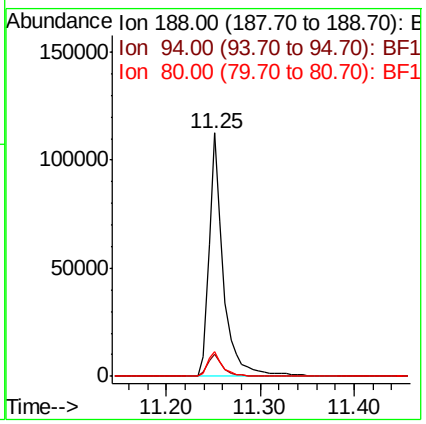


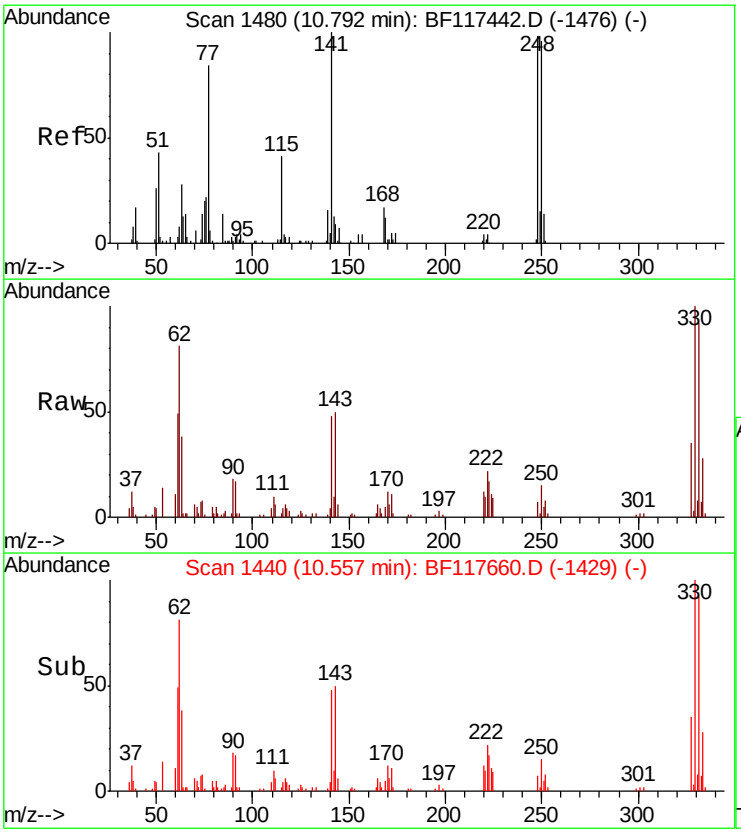
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.25 min Scan# 1558
Delta R.T. 0.00 min
Lab File: BF117660.D
Acq: 31 Oct 2019 16:11

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 121253

Ion	Ratio	Lower	Upper
188	100		
94	9.1	8.0	12.0
80	10.0	9.5	14.3

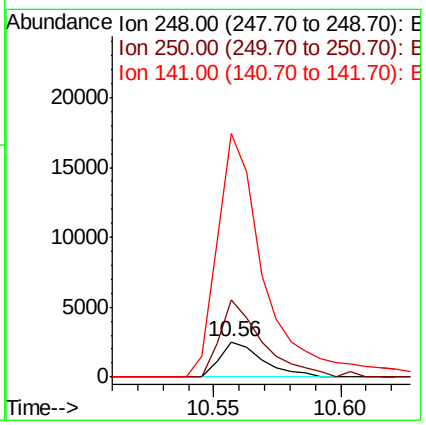


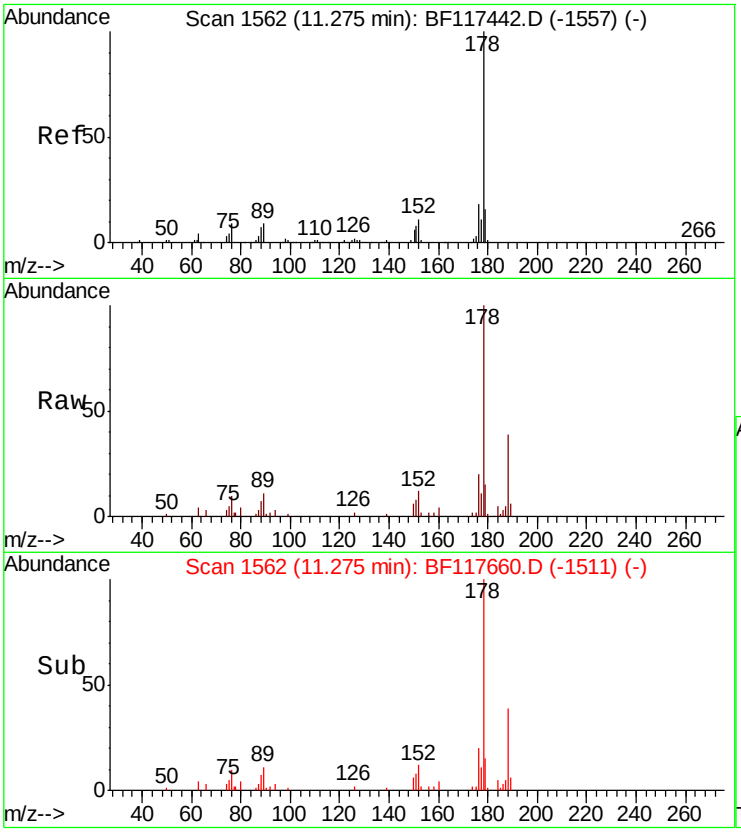


#67
4-Bromophenyl-phenylether
Concen: 2.253 ng
RT: 10.56 min Scan# 1440
Delta R.T. -0.24 min
Lab File: BF117660.D
Acq: 31 Oct 2019 16:11

Tgt Ion:248 Resp: 2942

Ion	Ratio	Lower	Upper
248	100		
250	216.4	78.0	117.0#
141	686.8	81.7	122.5#



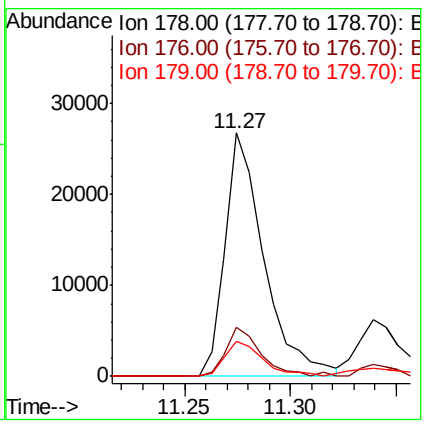


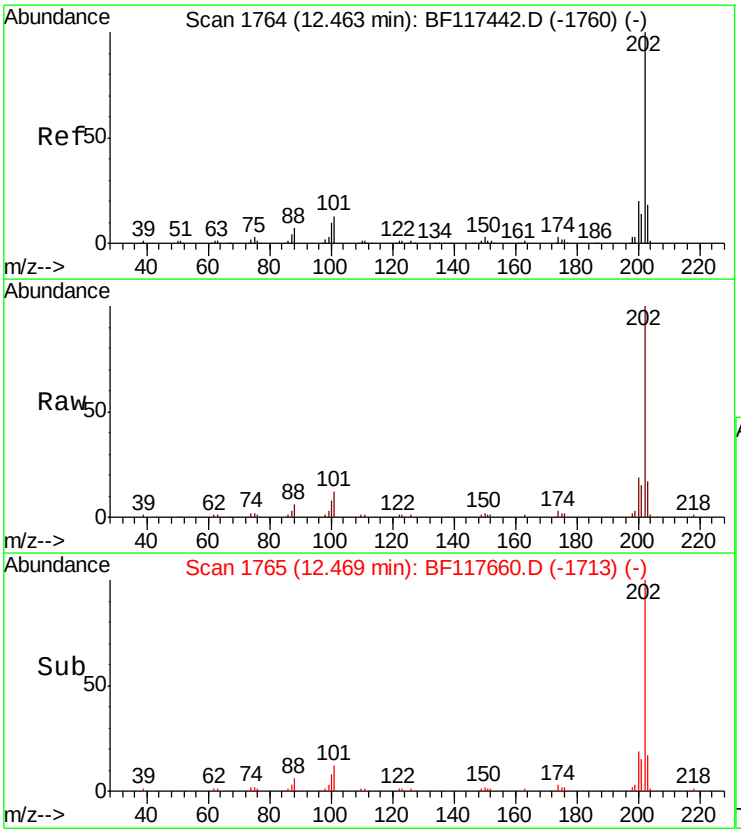
#71
Phenanthrene
Concen: 4.850 ng
RT: 11.27 min Scan# 1562
Delta R.T. 0.00 min
Lab File: BF117660.D
Acq: 31 Oct 2019 16:11

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 34144

Ion	Ratio	Lower	Upper
178	100		
176	20.1	14.6	22.0
179	14.6	12.6	19.0

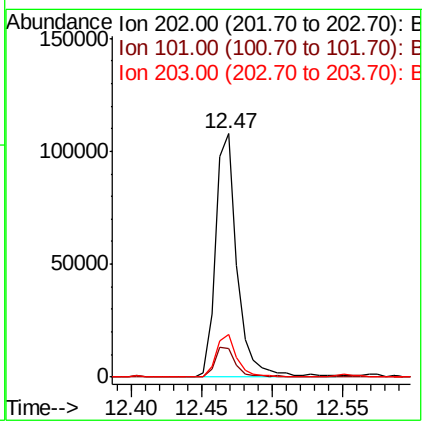


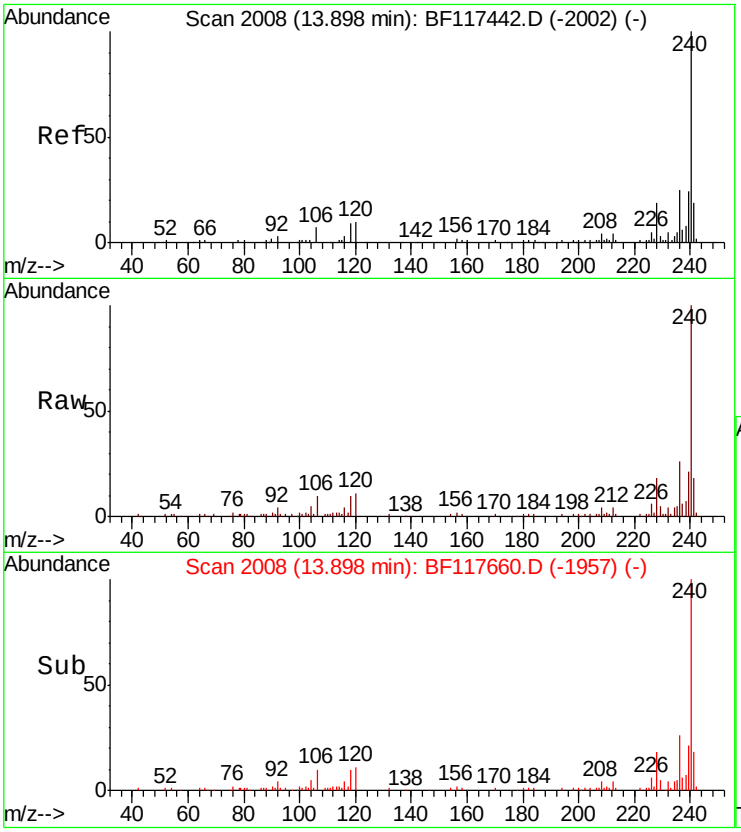


#75
Fluoranthene
Concen: 16.274 ng
RT: 12.47 min Scan# 1765
Delta R.T. 0.01 min
Lab File: BF117660.D
Acq: 31 Oct 2019 16:11

Tgt Ion:202 Resp: 114703

Ion	Ratio	Lower	Upper
202	100		
101	11.6	0.0	32.7
203	17.5	0.0	37.6



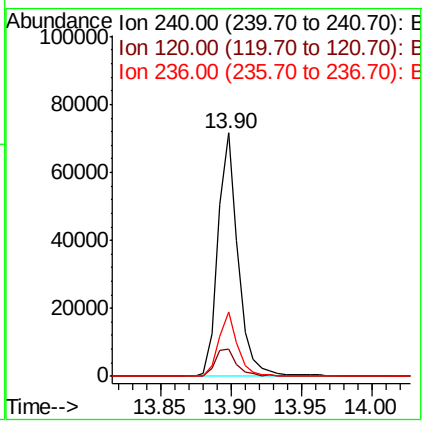


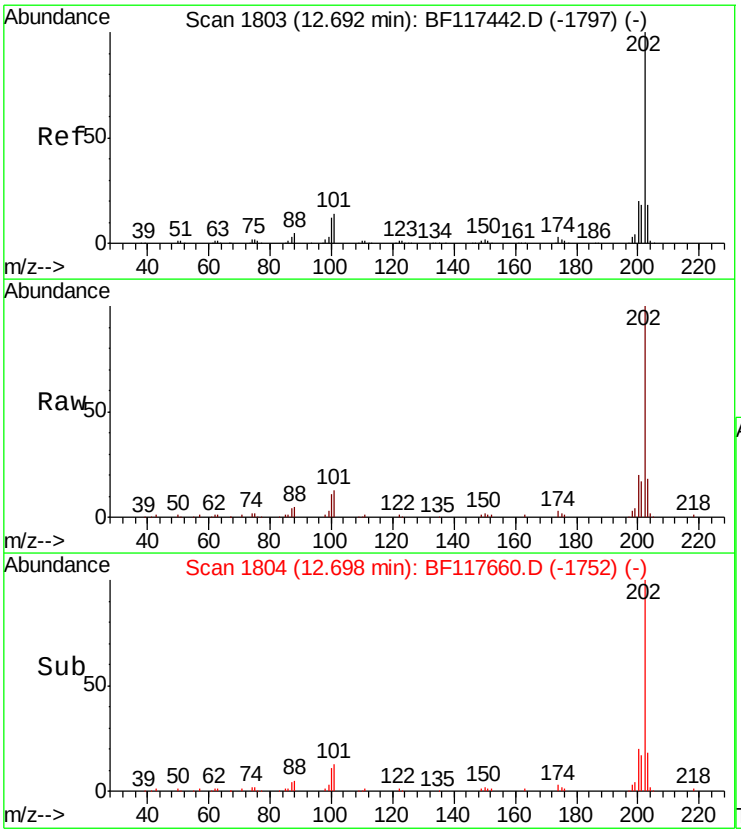
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.90 min Scan# 2008
Delta R.T. 0.00 min
Lab File: BF117660.D
Acq: 31 Oct 2019 16:11

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 70981

Ion	Ratio	Lower	Upper
240	100		
120	11.2	8.4	12.6
236	26.2	20.0	30.0

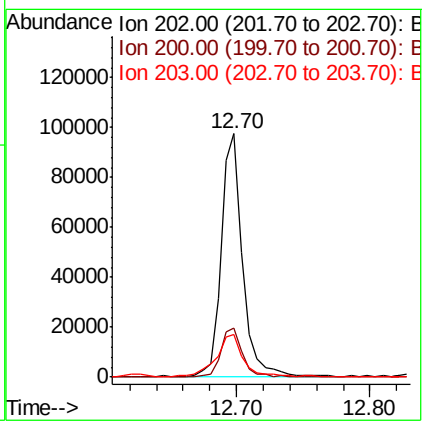


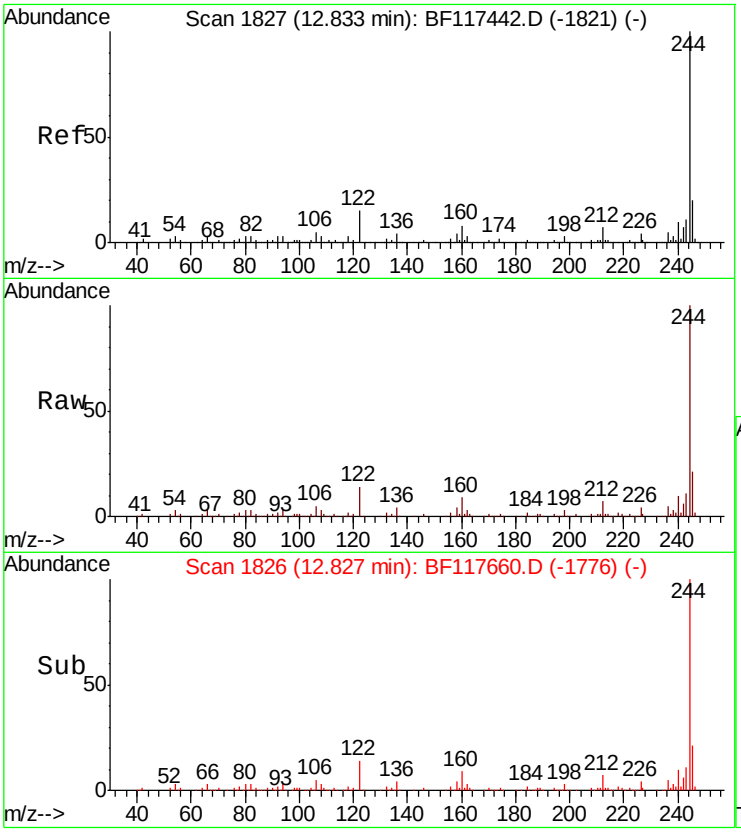


#78
Pyrene
Concen: 18.131 ng
RT: 12.70 min Scan# 1804
Delta R.T. 0.01 min
Lab File: BF117660.D
Acq: 31 Oct 2019 16:11

Tgt Ion:202 Resp: 110540

Ion	Ratio	Lower	Upper
202	100		
200	20.0	16.2	24.2
203	17.5	14.0	21.0



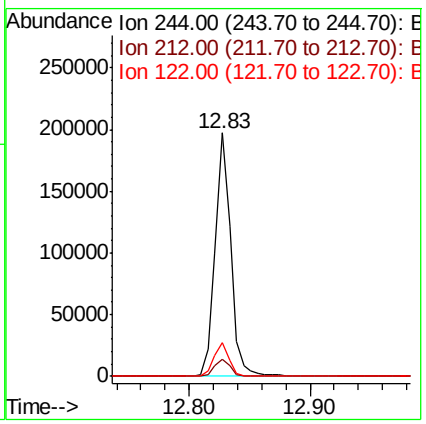


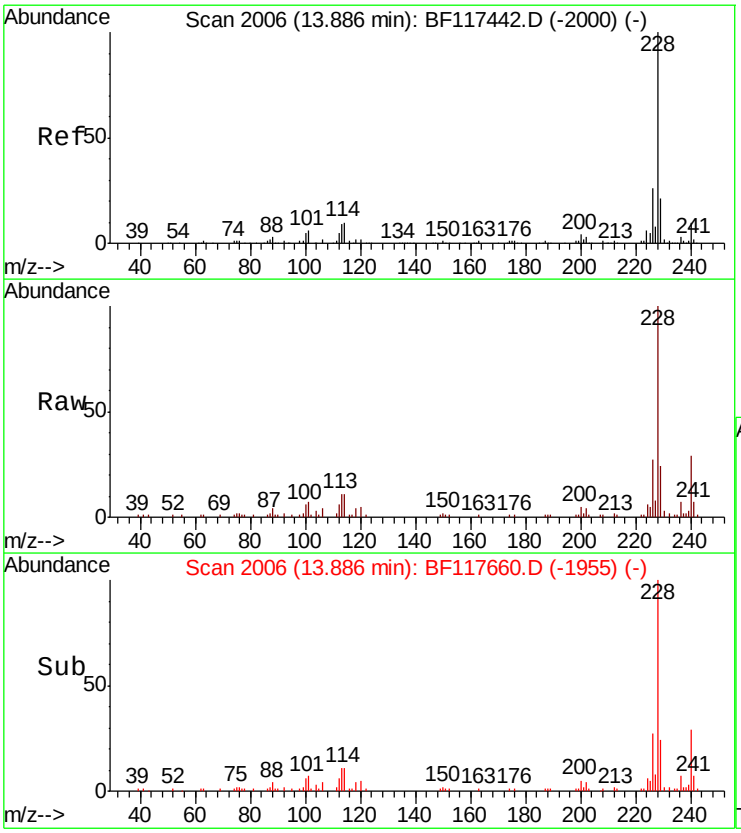
#79
Terphenyl-d14
Concen: 40.147 ng
RT: 12.83 min Scan# 1826
Delta R.T. -0.01 min
Lab File: BF117660.D
Acq: 31 Oct 2019 16:11

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 174709

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.8	8.6
122	14.0	11.8	17.8

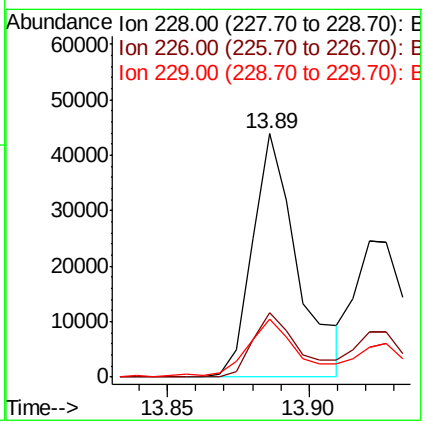


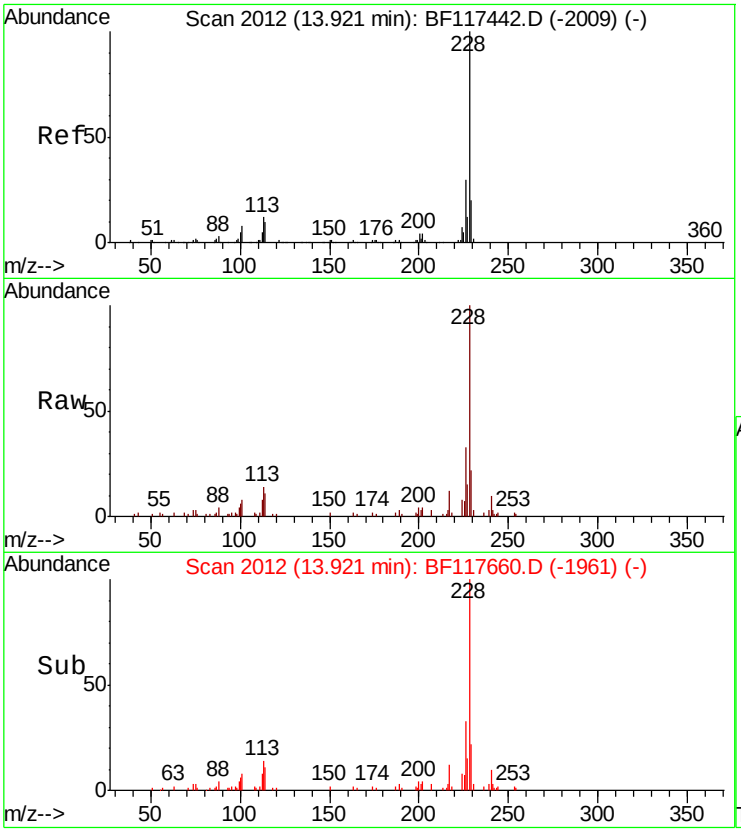


#81
Benzo(a)anthracene
Concen: 10.190 ng
RT: 13.89 min Scan# 2006
Delta R.T. 0.00 min
Lab File: BF117660.D
Acq: 31 Oct 2019 16:11

Tgt Ion:228 Resp: 48790

Ion	Ratio	Lower	Upper
228	100		
226	26.5	21.0	31.4
229	23.6	16.4	24.6



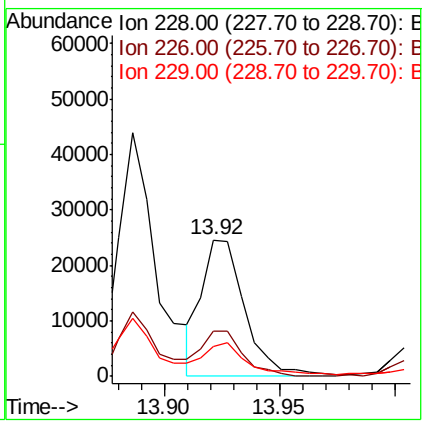


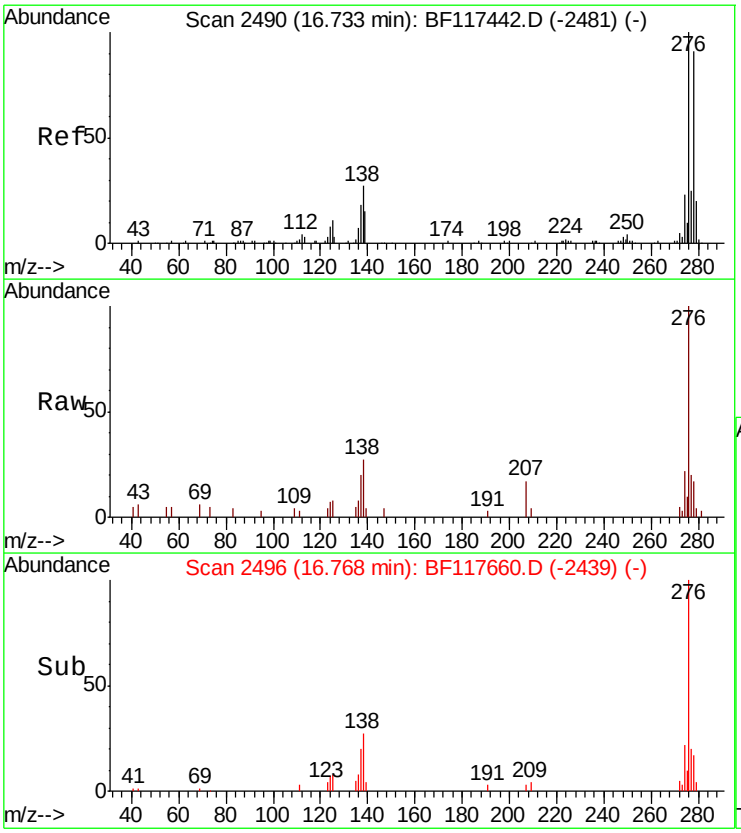
#83
Chrysene
Concen: 6.850 ng
RT: 13.92 min Scan# 2012
Delta R.T. 0.00 min
Lab File: BF117660.D
Acq: 31 Oct 2019 16:11

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 32144

Ion	Ratio	Lower	Upper
228	100		
226	33.3	23.9	35.9
229	21.7	15.8	23.6

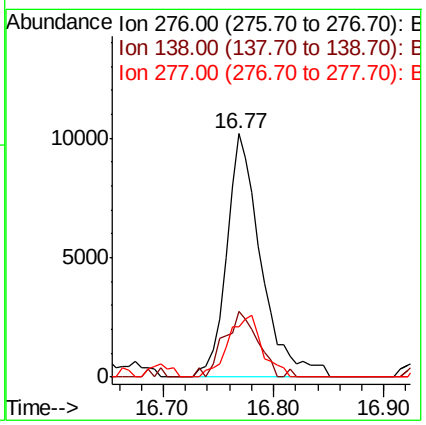


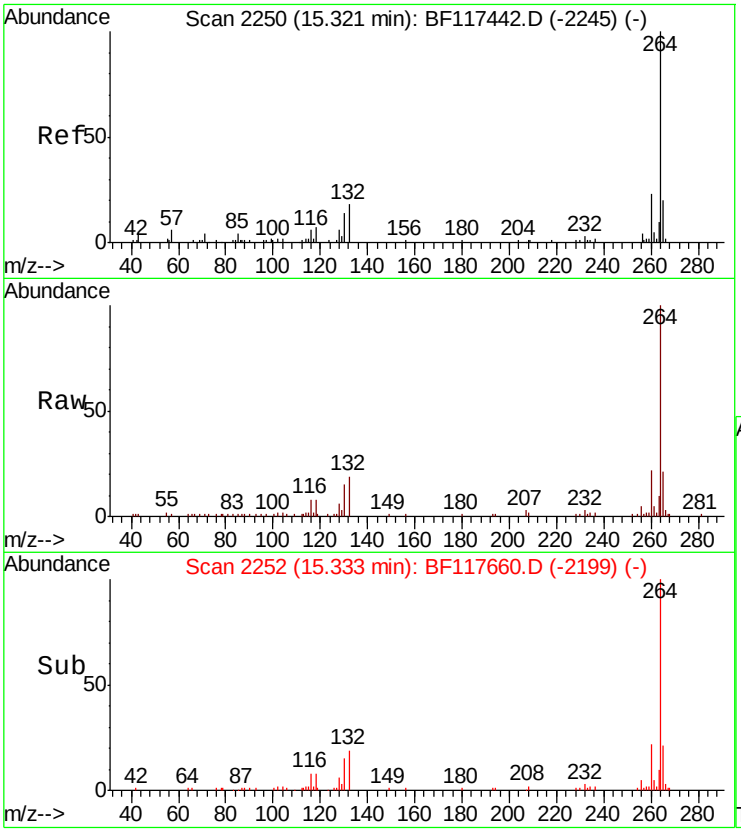


#86
Indeno(1,2,3-cd)pyrene
Concen: 6.337 ng
RT: 16.77 min Scan# 2496
Delta R.T. 0.04 min
Lab File: BF117660.D
Acq: 31 Oct 2019 16:11

Tgt Ion:276 Resp: 22201

Ion	Ratio	Lower	Upper
276	100		
138	26.3	21.8	32.8
277	25.0	20.0	30.0



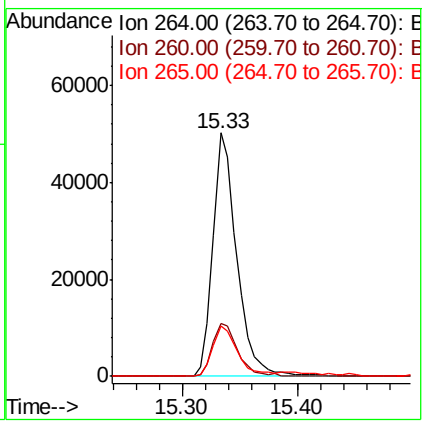


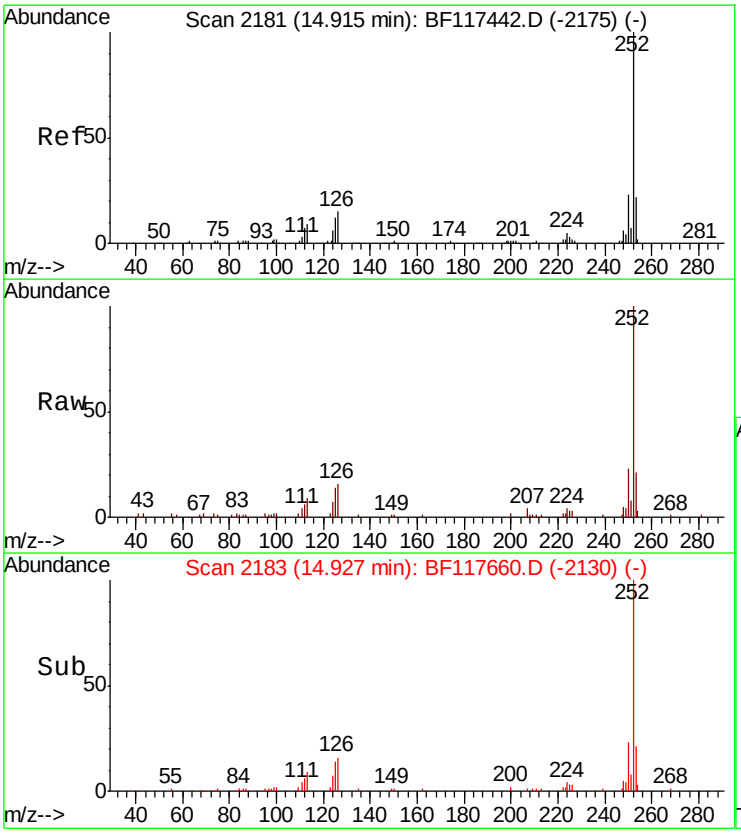
#87
Perylene-d12
Concen: 20.000 ng
RT: 15.33 min Scan# 2252
Delta R.T. 0.01 min
Lab File: BF117660.D
Acq: 31 Oct 2019 16:11

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 72006

Ion	Ratio	Lower	Upper
264	100		
260	21.9	18.4	27.6
265	20.8	16.1	24.1

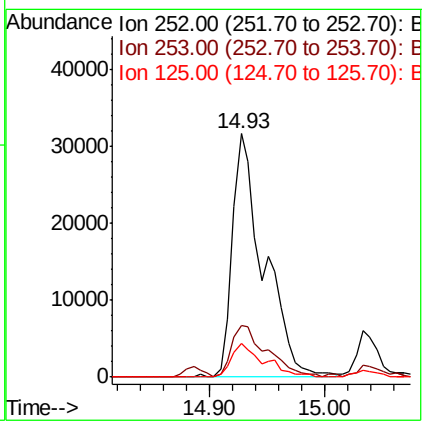


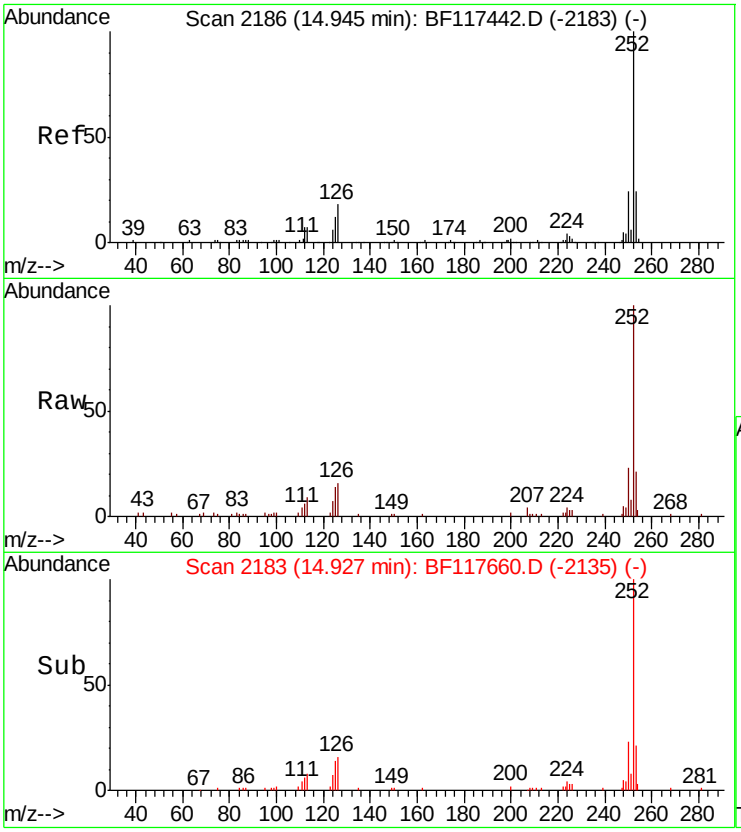


#88
Benzo(b)fluoranthene
Concen: 14.088 ng
RT: 14.93 min Scan# 2183
Delta R.T. 0.01 min
Lab File: BF117660.D
Acq: 31 Oct 2019 16:11

Tgt Ion:252 Resp: 59901

Ion	Ratio	Lower	Upper
252	100		
253	21.2	17.8	26.6
125	13.9	9.9	14.9



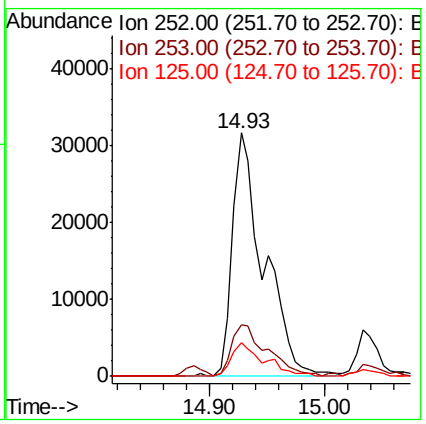


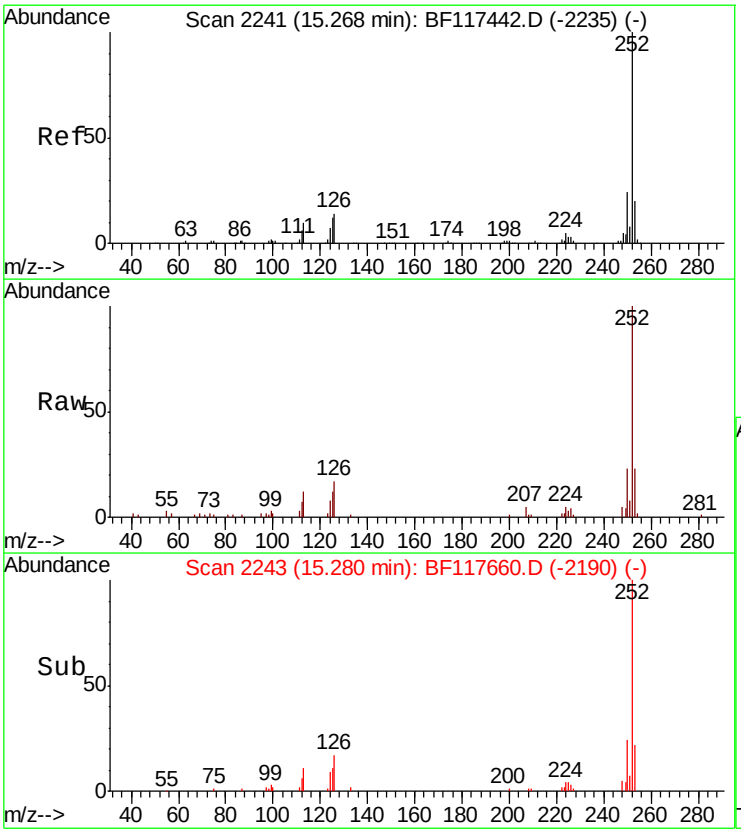
#89
Benzo(k)fluoranthene
Concen: 13.745 ng
RT: 14.93 min Scan# 2183
Delta R.T. -0.02 min
Lab File: BF117660.D
Acq: 31 Oct 2019 16:11

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 59901

Ion	Ratio	Lower	Upper
252	100		
253	21.2	18.0	27.0
125	13.9	8.9	13.3#

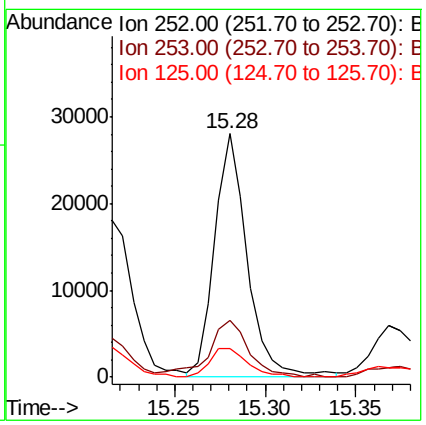


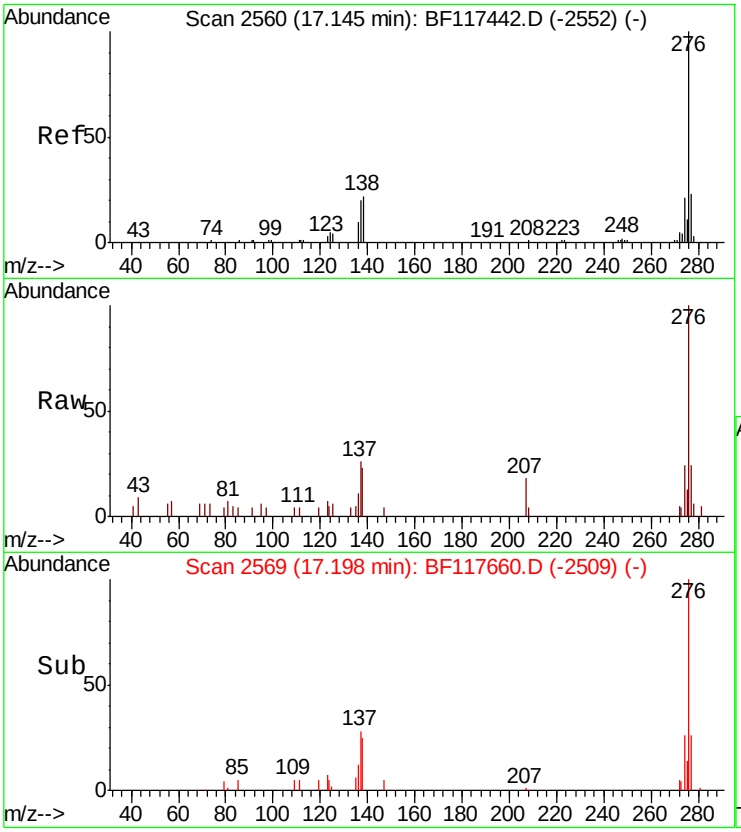


#90
Benzo(a)pyrene
Concen: 9.115 ng
RT: 15.28 min Scan# 2243
Delta R.T. 0.01 min
Lab File: BF117660.D
Acq: 31 Oct 2019 16:11

Tgt Ion:252 Resp: 35239

Ion	Ratio	Lower	Upper
252	100		
253	23.2	16.3	24.5
125	11.8	9.2	13.8





#92
Benzo(g,h,i)perylene
Concen: 6.408 ng
RT: 17.20 min Scan# 2569
Delta R.T. 0.05 min
Lab File: BF117660.D
Acq: 31 Oct 2019 16:11

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 20269

Ion	Ratio	Lower	Upper
276	100		
277	24.4	18.4	27.6
138	23.4	17.8	26.6