Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF103119\
Data File : BF117667.D
Acq On : 31 Oct 2019 19:19
Operator : JU
Sample : K5576-17DL 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Nov 01 01:22:48 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	42453	20.00	ng		0.00
21) Naphthalene-d8	8.01	136	173268	20.00	ng		0.00
39) Acenaphthene-d10	9.76	164	78771	20.00	ng		0.00
64) Phenanthrene-d10	11.25	188	102449	20.00	ng		0.00
76) Chrysene-d12	13.90	240	75578	20.00	ng		0.00
87) Perylene-d12	15.34	264	68238	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.36	112	102365	35.87	ng		0.01
7) Phenol-d6	6.39	99	152117	39.69	ng		0.01
23) Nitrobenzene-d5	7.30	82	94270	26.86	ng		0.00
42) 2,4,6-Tribromophenol	10.56	330	20282	29.76	ng		0.00
45) 2-Fluorobiphenyl	9.08	172	152549	27.29	ng		-0.01
79) Terphenyl-d14	12.83	244	107588	23.22	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.50	77	2934	Below Cal		#	65
19) n-Nitroso-di-n-propylamine	7.30	70	11647	4.976	ng	#	79
25) Isophorone	7.30	82	94270	15.526	ng	#	65
49) Acenaphthylene	9.63	152	63521	8.795	ng		99
50) Dimethylphthalate	9.49	163	18176	3.237	ng		99
51) 2,6-Dinitrotoluene	9.76	165	9761	8.330	ng	#	24
56) 4-Nitrophenol	9.97	139	4068	10.025	ng	#	6
57) 2,4-Dinitrotoluene	9.76	165	9761	6.265	ng	#	14
71) Phenanthrene	11.27	178	154779	26.018	ng		99
72) Anthracene	11.33	178	56781	9.302	ng		98
73) Carbazole	11.50	167	22219	3.983	ng		99
75) Fluoranthene	12.47	202	329098	55.262	ng		100
77) Benzidine	12.83	184	1540	Below Cal		#	82
78) Pyrene	12.70	202	287281	44.253	ng		99
81) Benzo(a)anthracene	13.89	228	148189	29.068	ng		95
83) Chrysene	13.93	228	156122	31.247	ng		97
84) Bis(2-ethylhexyl)phthalate	13.86	149	10819	2.391	ng	#	98
86) Indeno(1,2,3-cd)pyrene	16.77	276	64336	17.247	ng		95
88) Benzo(b)fluoranthene	14.93	252	247019	61.302	ng		99
89) Benzo(k)fluoranthene	14.93	252	247019	59.811	ng		98
90) Benzo(a)pyrene	15.29	252	106065	28.950	ng		96
91) Dibenzo(a,h)anthracene	16.76	278	14428	4.554	ng	#	75
92) Benzo(g,h,i)perylene	17.20	276	54827	18.292	ng		95

(#) = 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 :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

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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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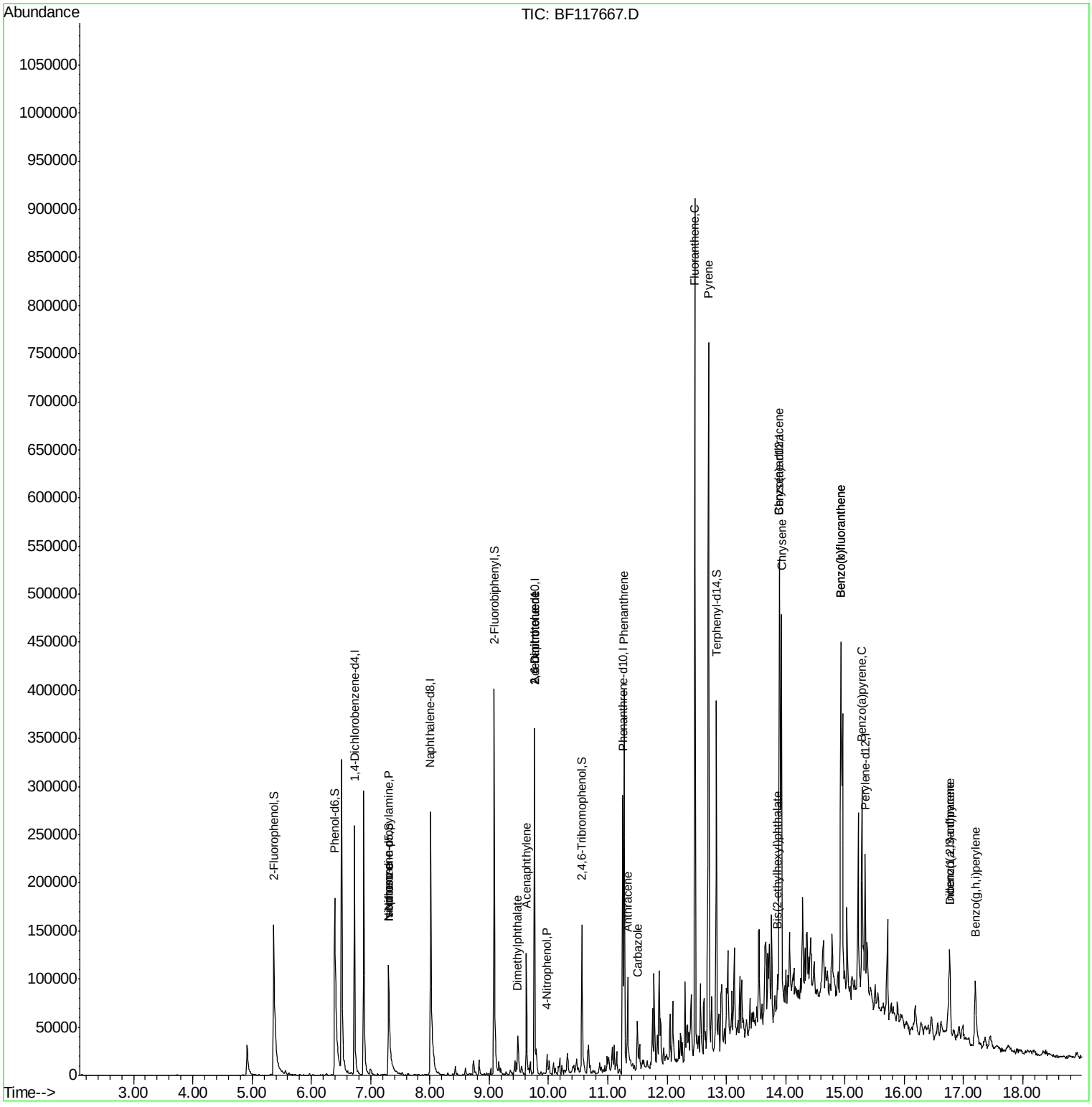
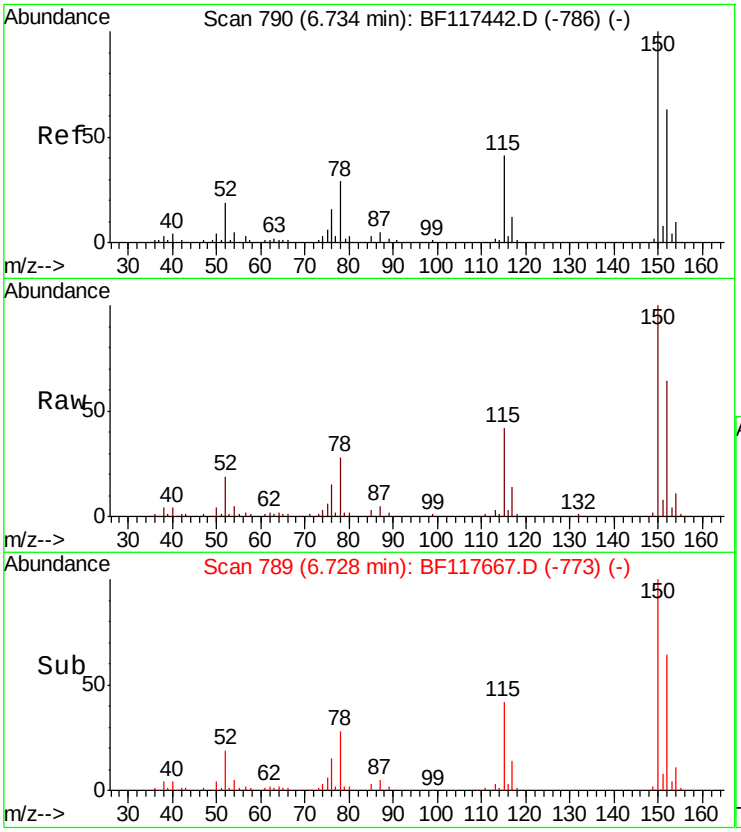


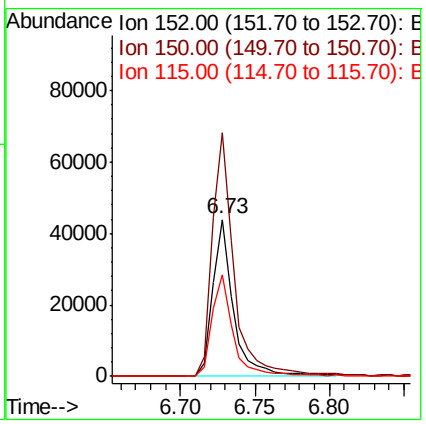


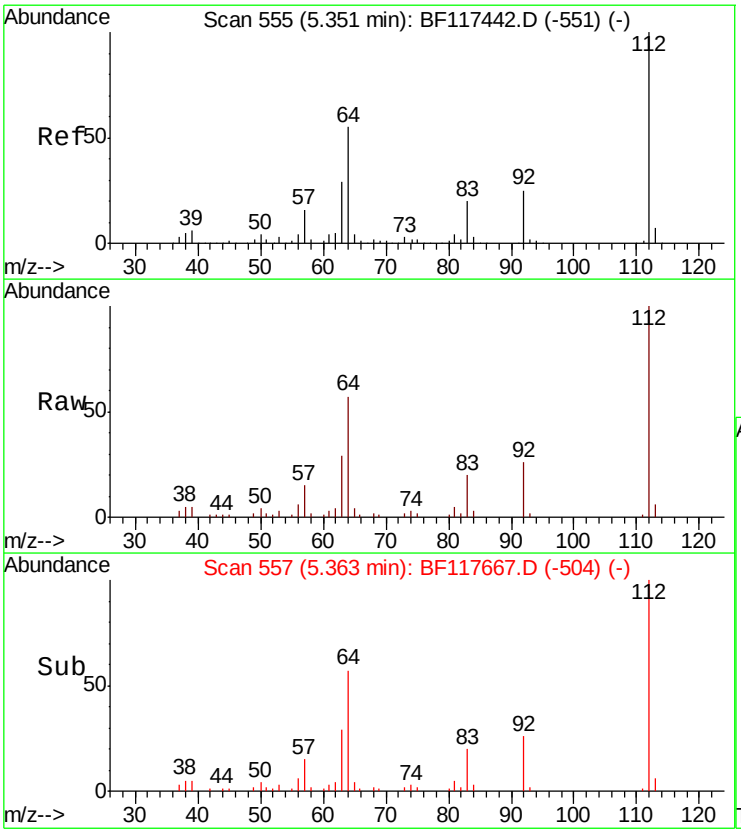
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 789
Delta R.T. -0.01 min
Lab File: BF117667.D
Acq: 31 Oct 2019 19:19

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 42453

Ion	Ratio	Lower	Upper
152	100		
150	155.1	126.8	190.2
115	64.6	51.6	77.4

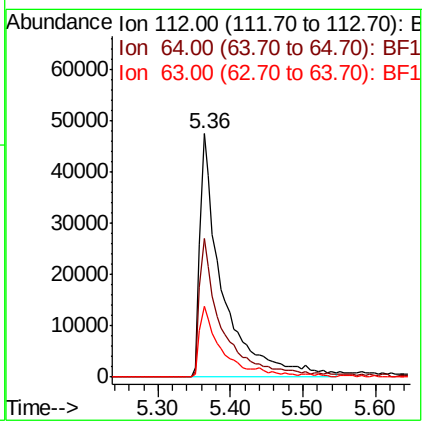


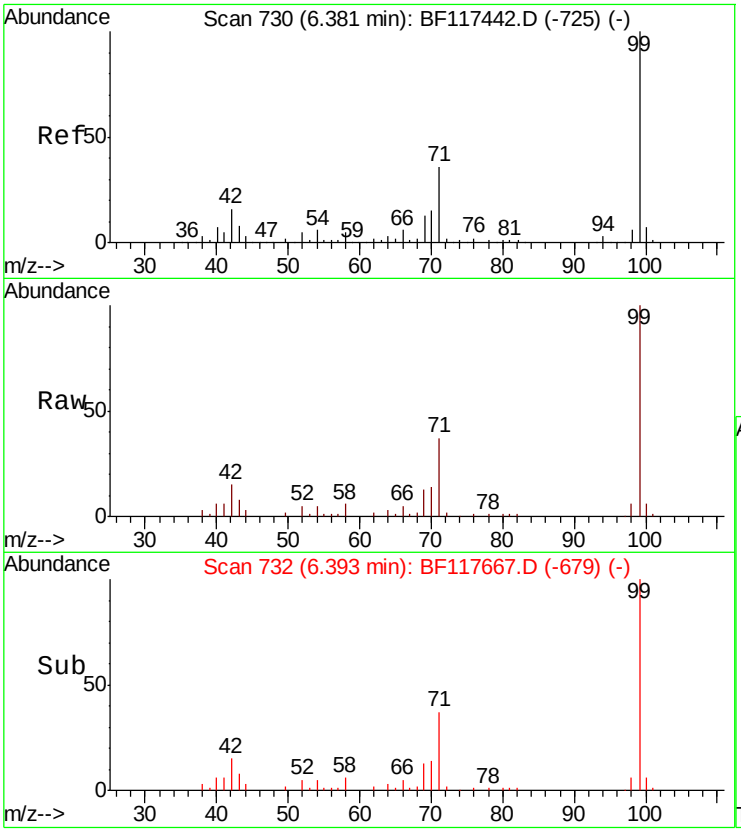


#5
2-Fluorophenol
Concen: 35.872 ng
RT: 5.36 min Scan# 557
Delta R.T. 0.01 min
Lab File: BF117667.D
Acq: 31 Oct 2019 19:19

Tgt Ion:112 Resp: 102365

Ion	Ratio	Lower	Upper
112	100		
64	56.7	44.1	66.1
63	29.3	23.4	35.2



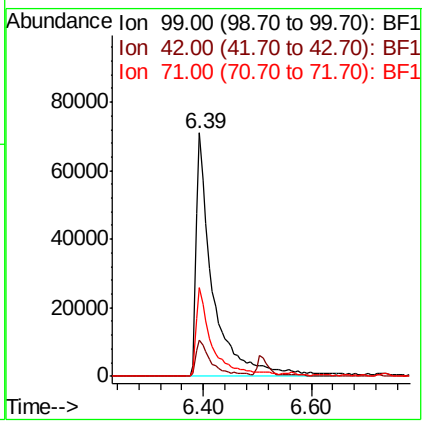


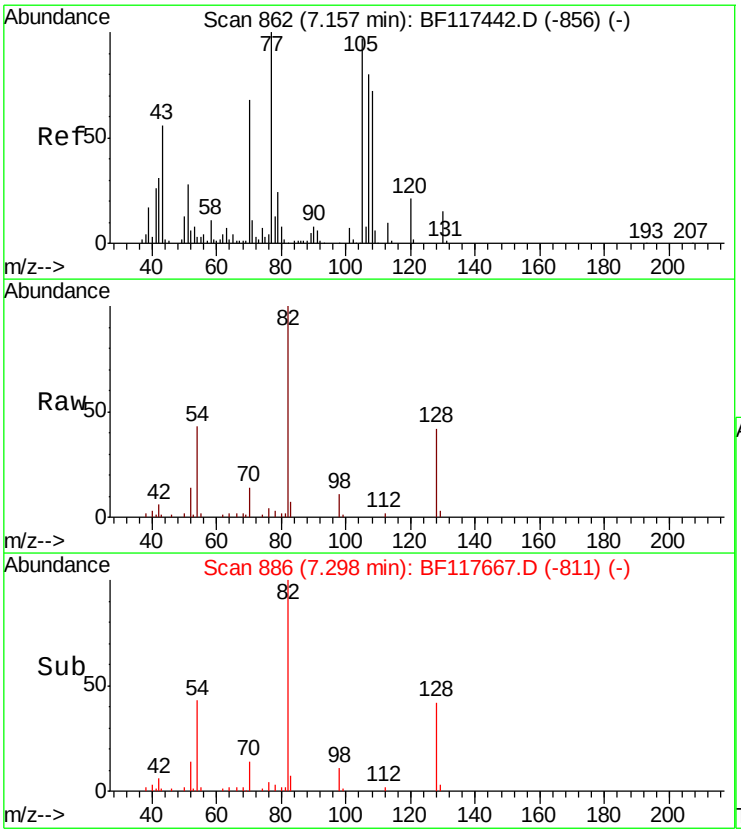
#7
Phenol-d6
Concen: 39.689 ng
RT: 6.39 min Scan# 732
Delta R.T. 0.01 min
Lab File: BF117667.D
Acq: 31 Oct 2019 19:19

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 152117

Ion	Ratio	Lower	Upper
99	100		
42	14.7	12.8	19.2
71	36.5	28.6	43.0

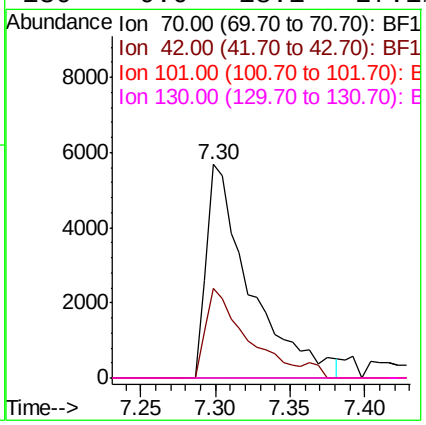


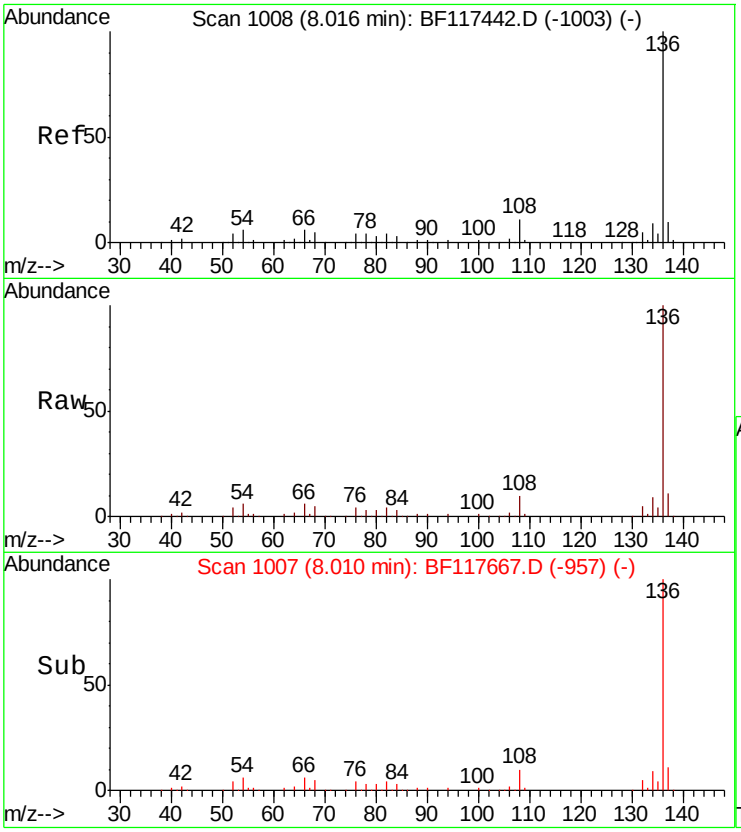


#19
n-Nitroso-di-n-propylamine
Concen: 4.976 ng
RT: 7.30 min Scan# 886
Delta R.T. 0.14 min
Lab File: BF117667.D
Acq: 31 Oct 2019 19:19

Tgt Ion: 70 Resp: 11647

Ion	Ratio	Lower	Upper
70	100		
42	41.7	36.7	55.1
101	0.0	8.3	12.5#
130	0.0	18.1	27.1#



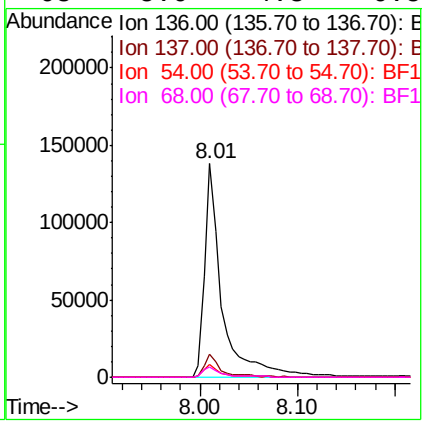


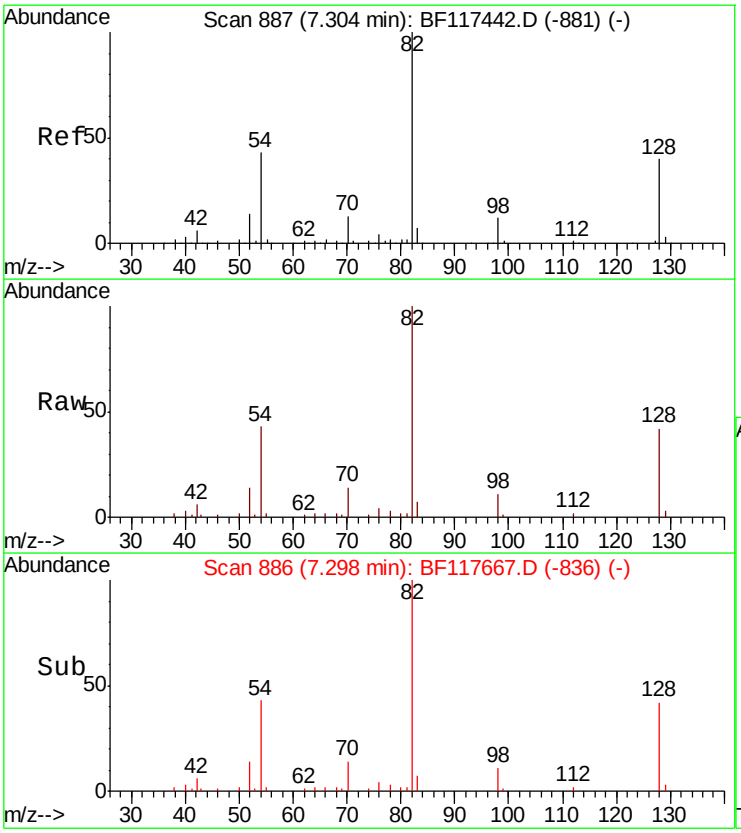
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.01 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BF117667.D
Acq: 31 Oct 2019 19:19

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 173268

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.2	12.4
54	5.9	4.5	6.7
68	5.0	4.3	6.5

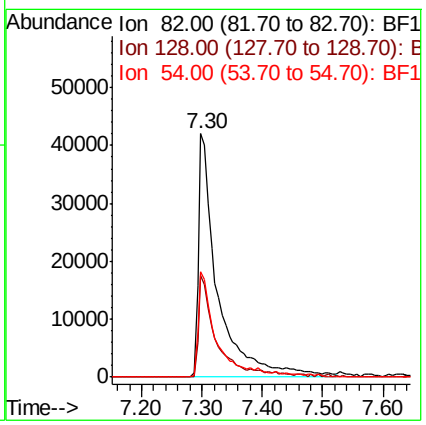


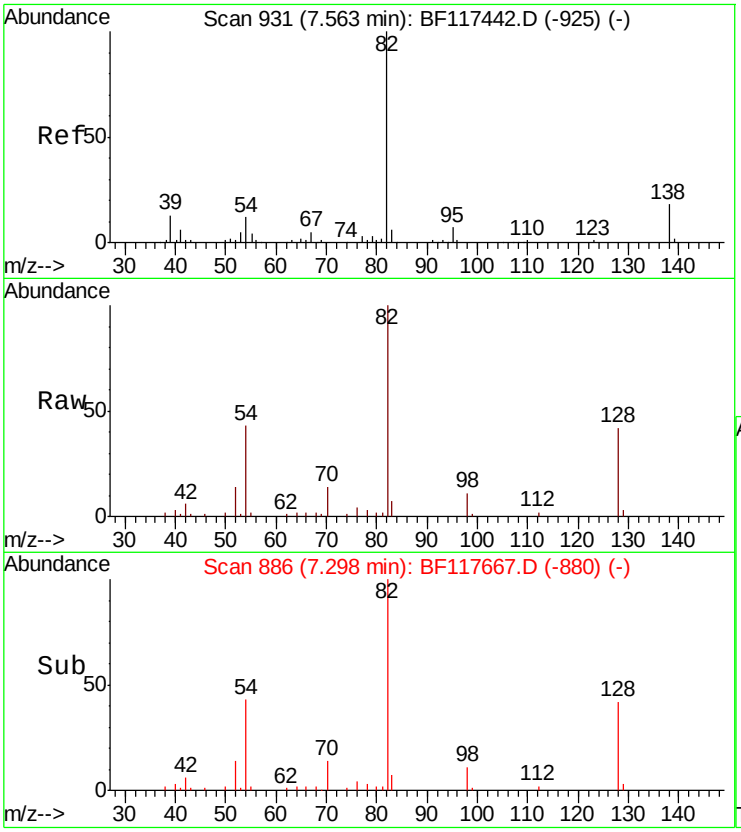


#23
Nitrobenzene-d5
Concen: 26.860 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.01 min
Lab File: BF117667.D
Acq: 31 Oct 2019 19:19

Tgt Ion: 82 Resp: 94270

Ion	Ratio	Lower	Upper
82	100		
128	41.9	32.2	48.2
54	43.4	34.2	51.2



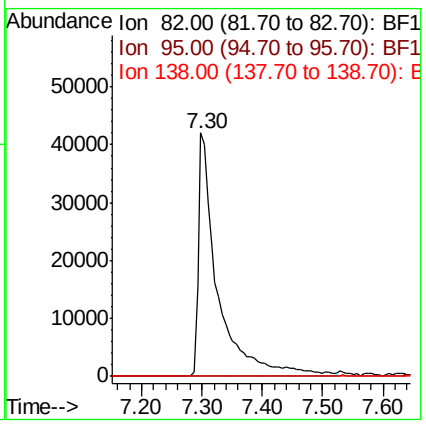


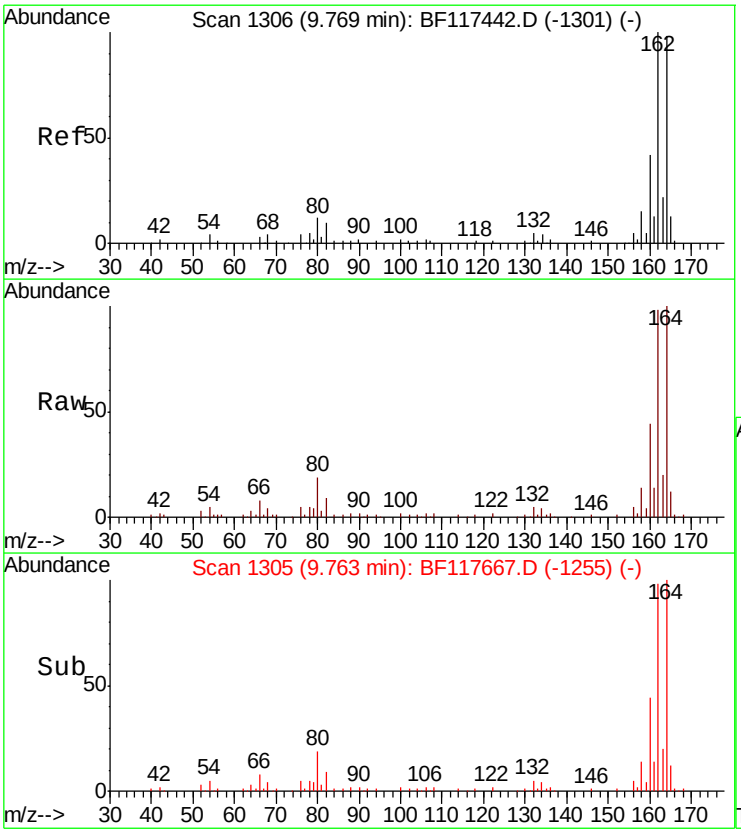
#25
Isophorone
Concen: 15.526 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.26 min
Lab File: BF117667.D
Acq: 31 Oct 2019 19:19

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 94270

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

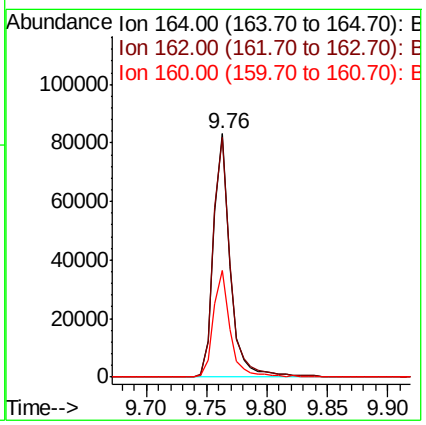


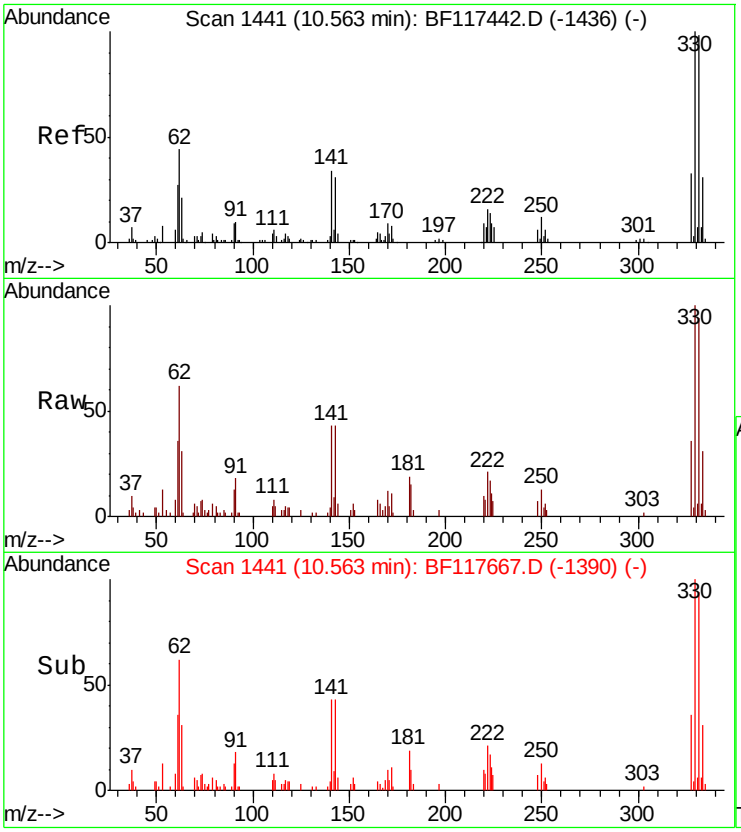


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.76 min Scan# 1305
Delta R.T. -0.01 min
Lab File: BF117667.D
Acq: 31 Oct 2019 19:19

Tgt Ion:164 Resp: 78771

Ion	Ratio	Lower	Upper
164	100		
162	98.2	81.8	122.6
160	43.7	34.4	51.6



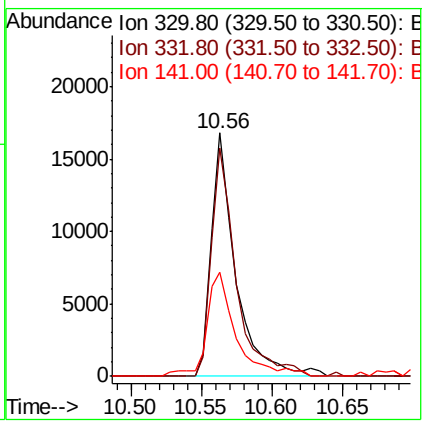


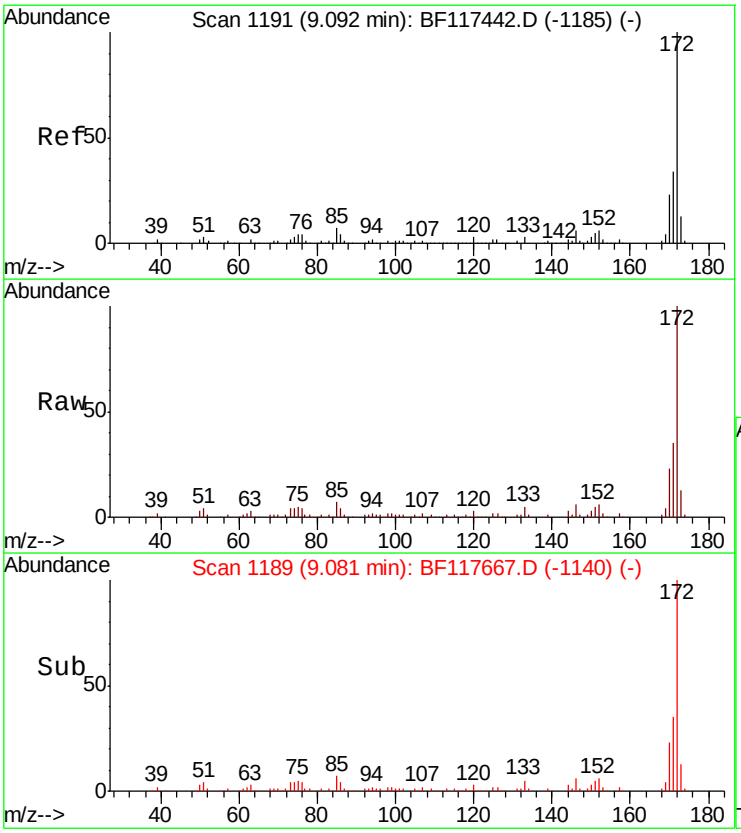
#42
2,4,6-Tribromophenol
Concen: 29.758 ng
RT: 10.56 min Scan# 1441
Delta R.T. 0.00 min
Lab File: BF117667.D
Acq: 31 Oct 2019 19:19

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 20282

Ion	Ratio	Lower	Upper
330	100		
332	94.5	78.5	117.7
141	50.6	37.0	55.6

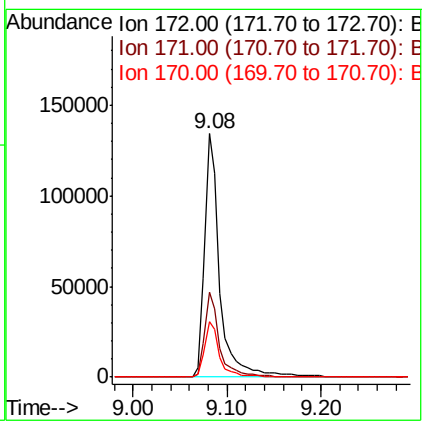


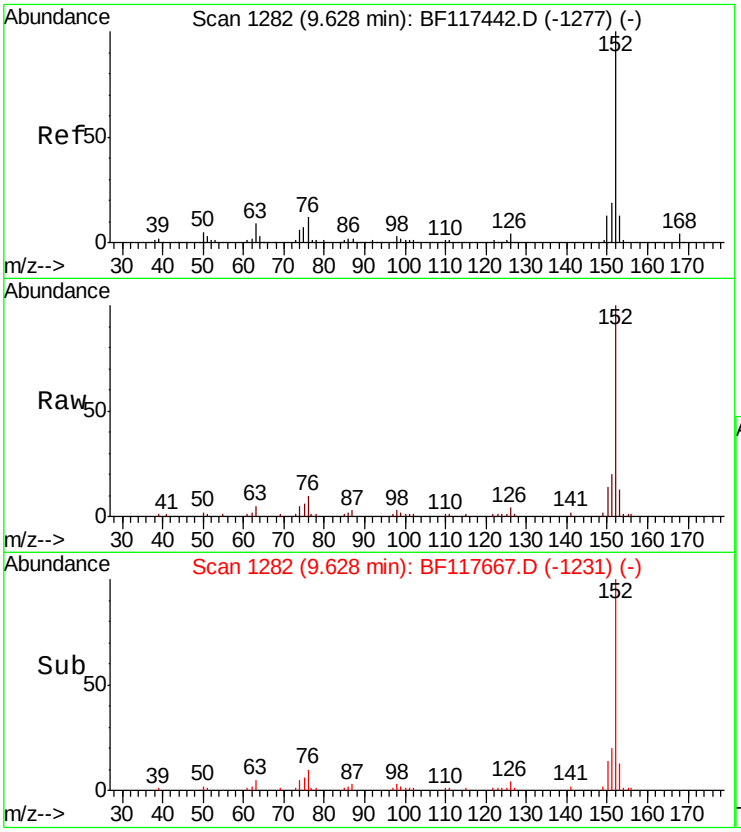


#45
2-Fluorobiphenyl
Concen: 27.287 ng
RT: 9.08 min Scan# 1189
Delta R.T. -0.01 min
Lab File: BF117667.D
Acq: 31 Oct 2019 19:19

Tgt Ion:172 Resp: 152549

Ion	Ratio	Lower	Upper
172	100		
171	35.0	27.5	41.3
170	22.8	18.6	27.8



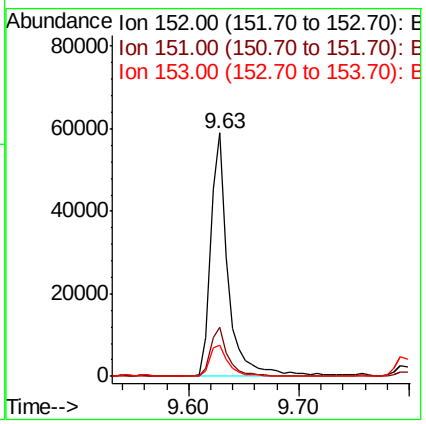


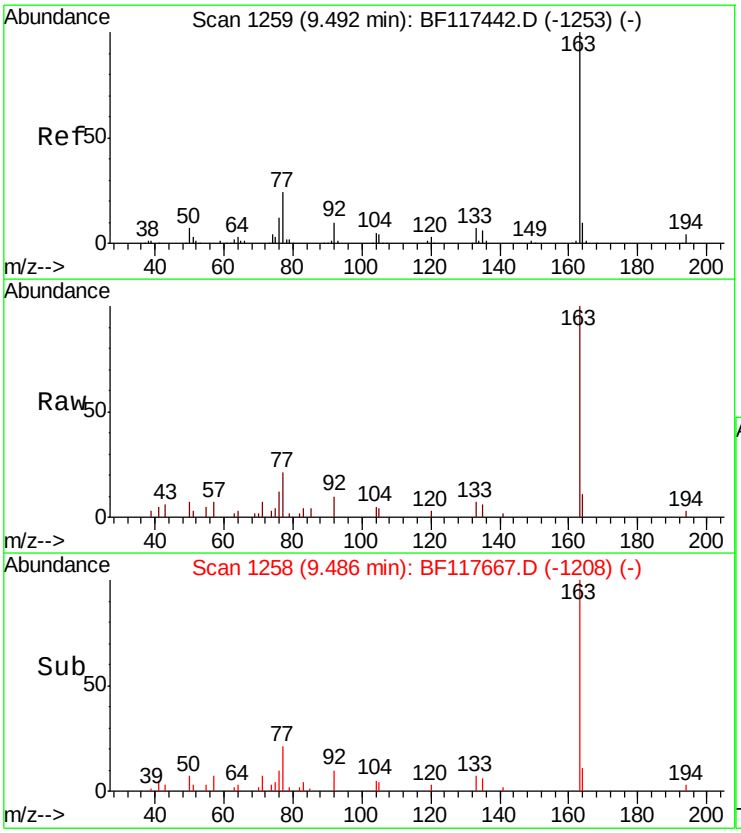
#49
Acenaphthylene
Concen: 8.795 ng
RT: 9.63 min Scan# 1282
Delta R.T. 0.00 min
Lab File: BF117667.D
Acq: 31 Oct 2019 19:19

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 63521

Ion	Ratio	Lower	Upper
152	100		
151	20.0	15.4	23.0
153	12.9	10.3	15.5

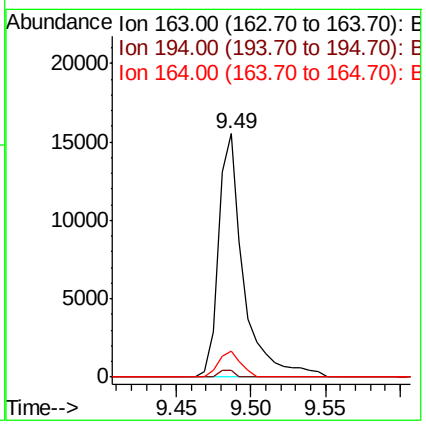


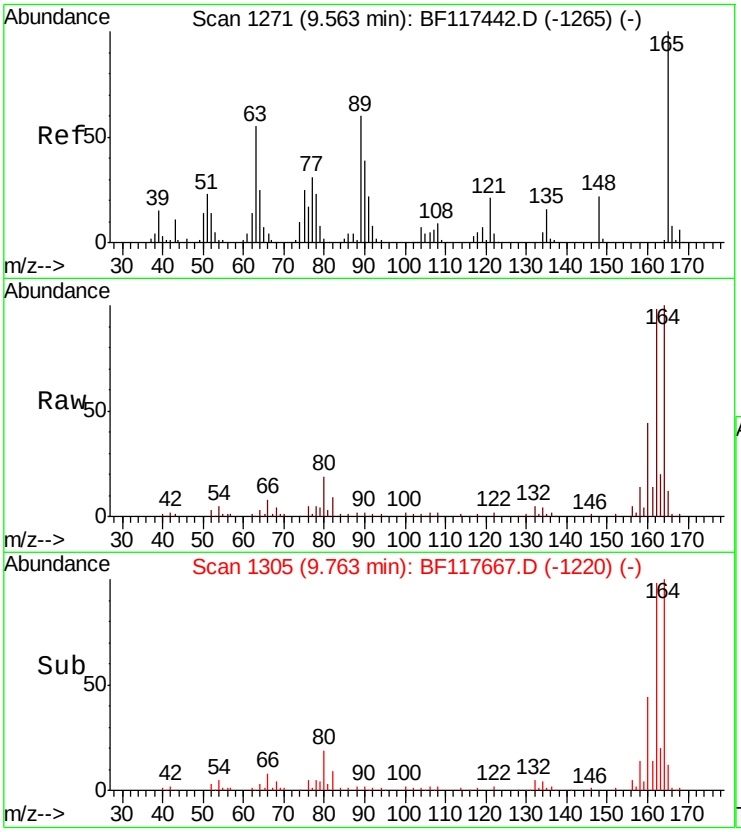


#50
Dimethylphthalate
Concen: 3.237 ng
RT: 9.49 min Scan# 1258
Delta R.T. -0.01 min
Lab File: BF117667.D
Acq: 31 Oct 2019 19:19

Tgt Ion:163 Resp: 18176

Ion	Ratio	Lower	Upper
163	100		
194	3.0	2.9	4.3
164	10.6	8.2	12.2



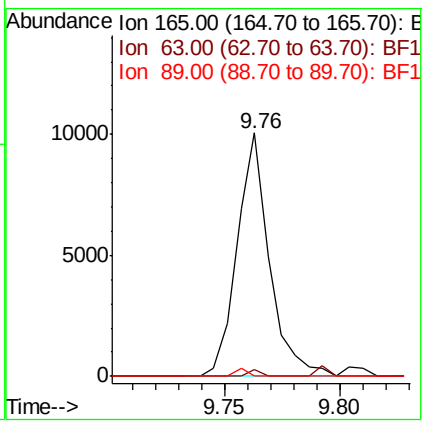


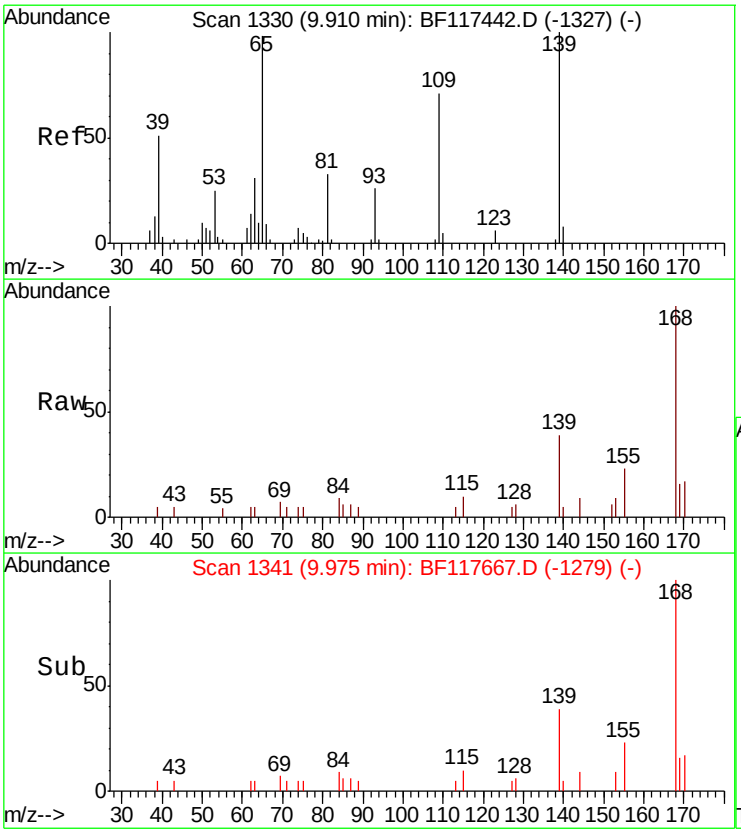
#51
2,6-Dinitrotoluene
Concen: 8.330 ng
RT: 9.76 min Scan# 1305
Delta R.T. 0.20 min
Lab File: BF117667.D
Acq: 31 Oct 2019 19:19

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 9761

Ion	Ratio	Lower	Upper
165	100		
63	3.0	43.8	65.8#
89	0.0	47.6	71.4#

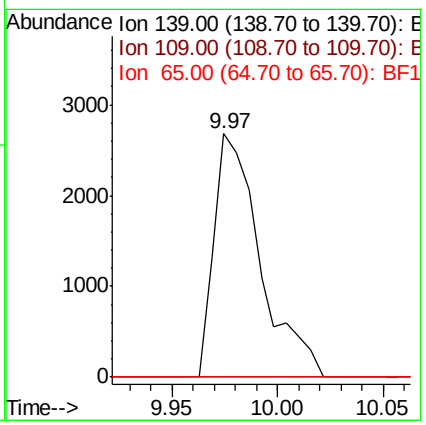


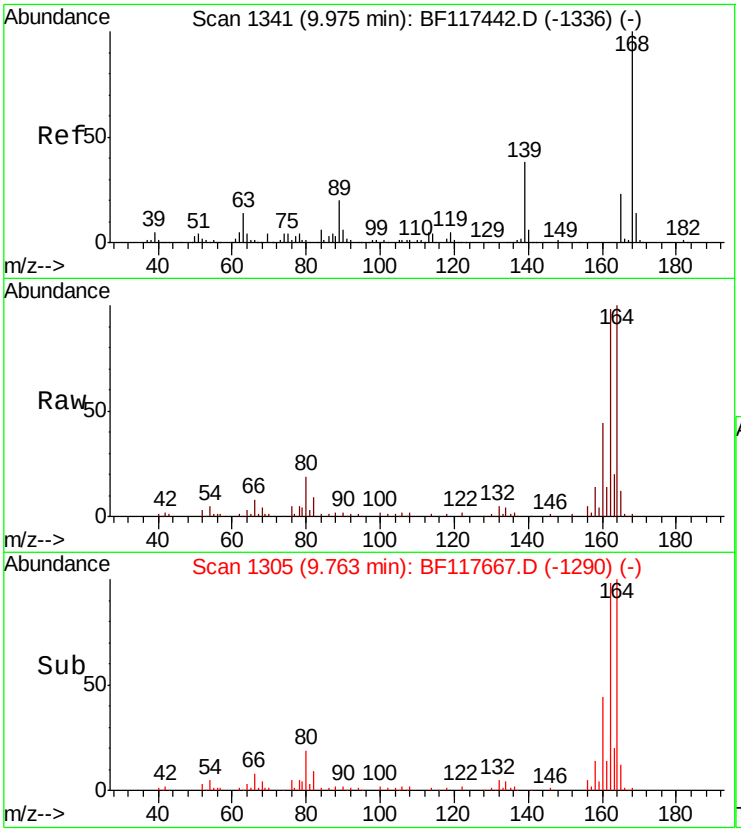


#56
4-Nitrophenol
Concen: 10.025 ng
RT: 9.97 min Scan# 1341
Delta R.T. 0.07 min
Lab File: BF117667.D
Acq: 31 Oct 2019 19:19

Tgt Ion:139 Resp: 4068

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



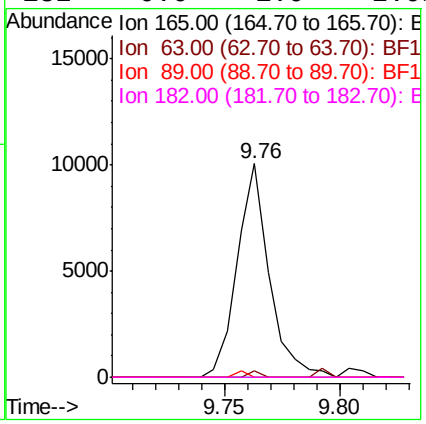


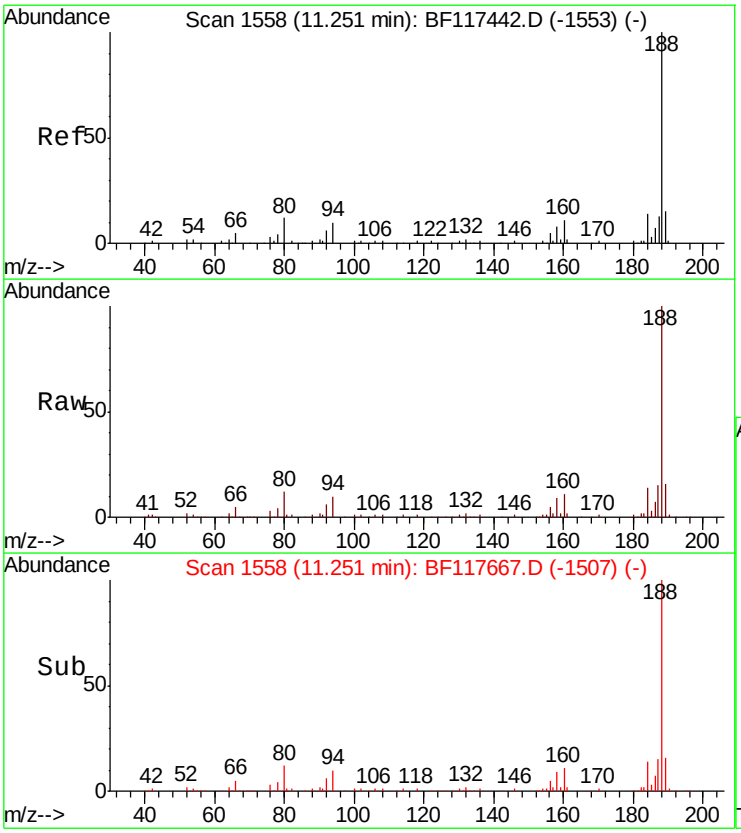
#57
2,4-Dinitrotoluene
Concen: 6.265 ng
RT: 9.76 min Scan# 1305
Delta R.T. -0.21 min
Lab File: BF117667.D
Acq: 31 Oct 2019 19:19

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 9761

Ion	Ratio	Lower	Upper
165	100		
63	3.0	51.4	77.0#
89	0.0	69.9	104.9#
182	0.0	1.9	2.9#

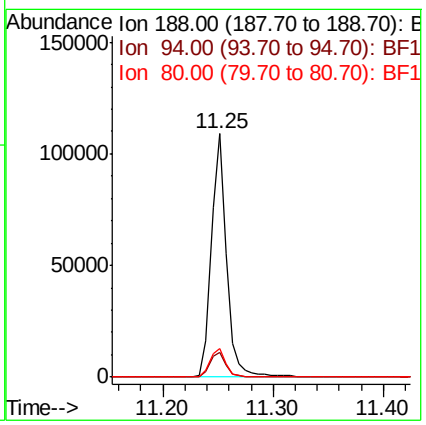


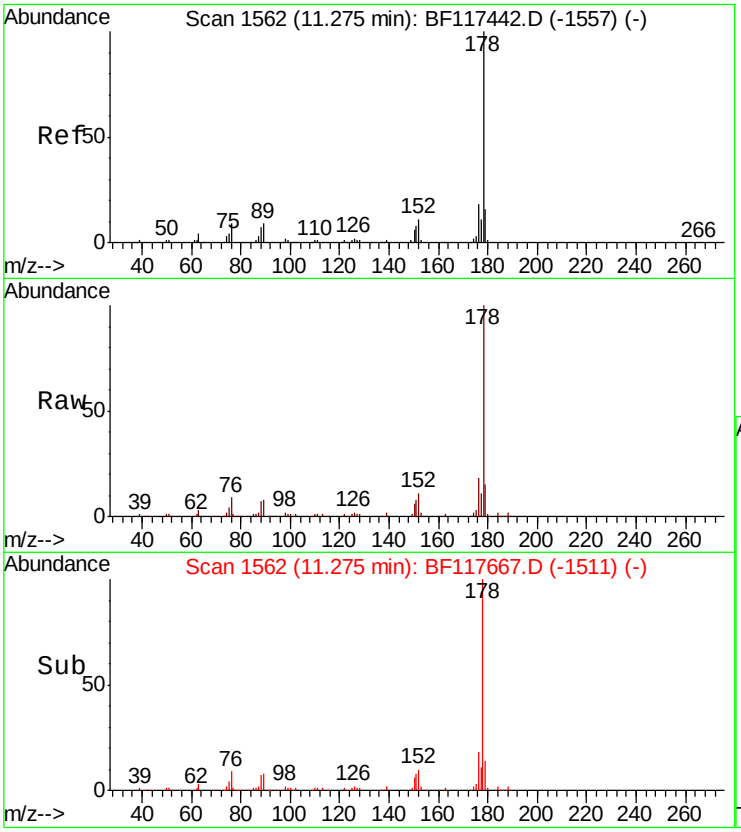


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.25 min Scan# 1558
Delta R.T. 0.00 min
Lab File: BF117667.D
Acq: 31 Oct 2019 19:19

Tgt Ion:188 Resp: 102449

Ion	Ratio	Lower	Upper
188	100		
94	10.1	8.0	12.0
80	11.6	9.5	14.3



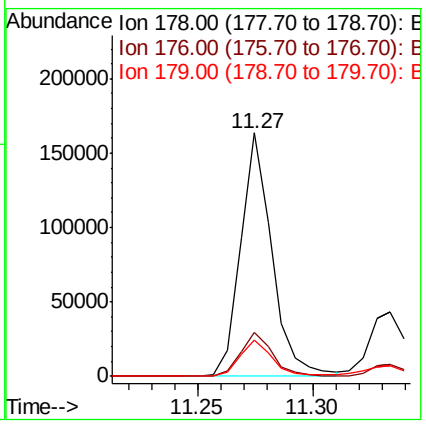


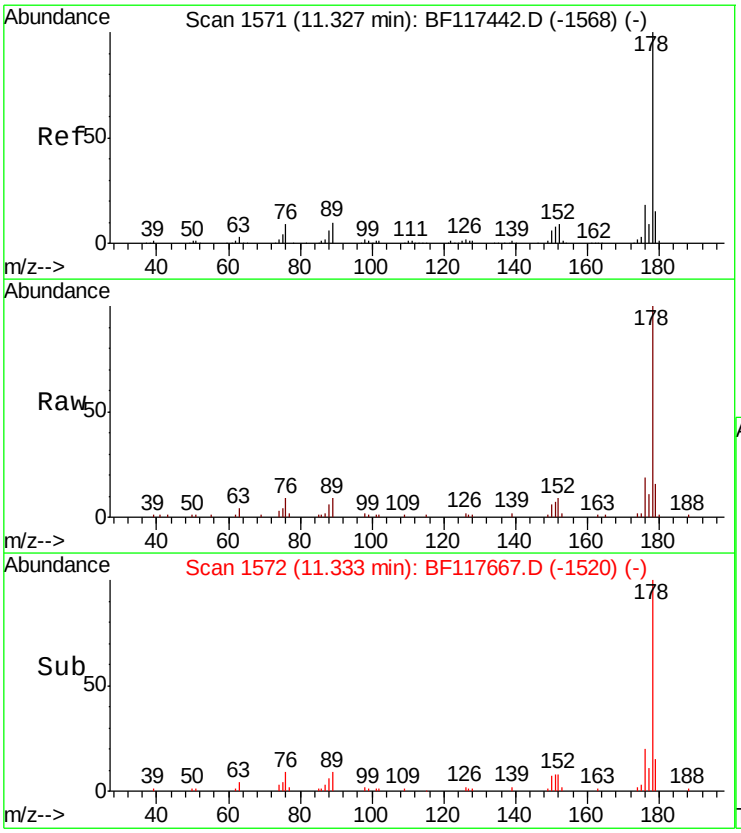
#71
Phenanthrene
Concen: 26.018 ng
RT: 11.27 min Scan# 1562
Delta R.T. 0.00 min
Lab File: BF117667.D
Acq: 31 Oct 2019 19:19

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 154779

Ion	Ratio	Lower	Upper
178	100		
176	18.2	14.6	22.0
179	14.7	12.6	19.0

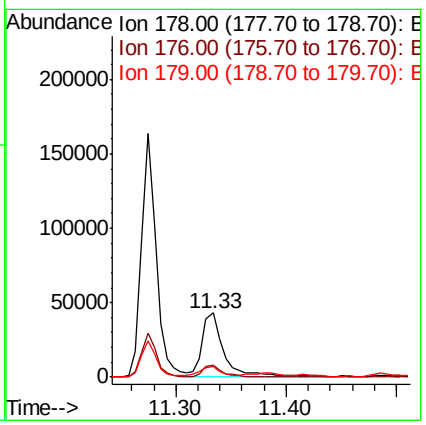


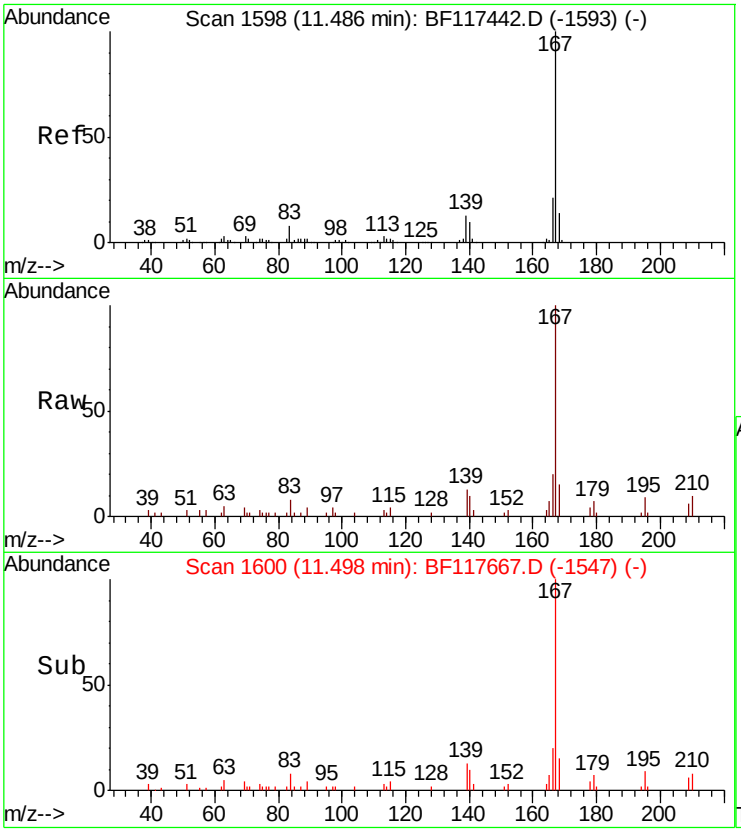


#72
Anthracene
Concen: 9.302 ng
RT: 11.33 min Scan# 1572
Delta R.T. 0.01 min
Lab File: BF117667.D
Acq: 31 Oct 2019 19:19

Tgt Ion:178 Resp: 56781

Ion	Ratio	Lower	Upper
178	100		
176	19.2	14.7	22.1
179	15.8	12.2	18.2



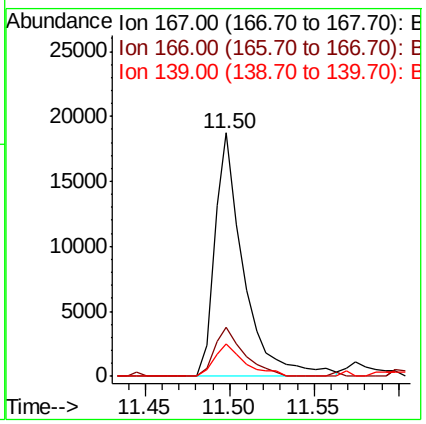


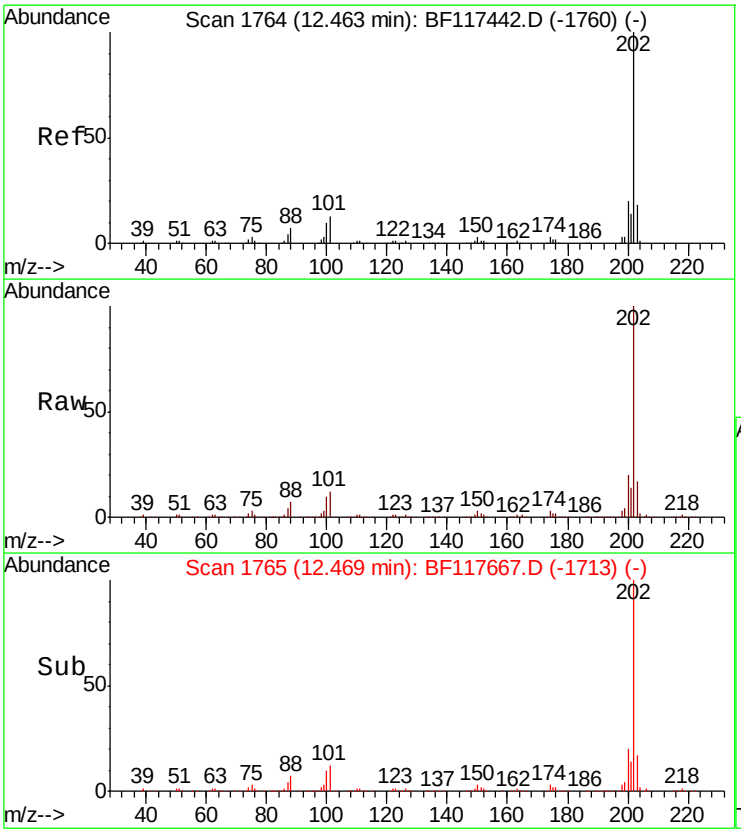
#73
Carbazole
Concen: 3.983 ng
RT: 11.50 min Scan# 1600
Delta R.T. 0.01 min
Lab File: BF117667.D
Acq: 31 Oct 2019 19:19

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:167 Resp: 22219

Ion	Ratio	Lower	Upper
167	100		
166	20.4	17.0	25.6
139	13.4	10.6	16.0

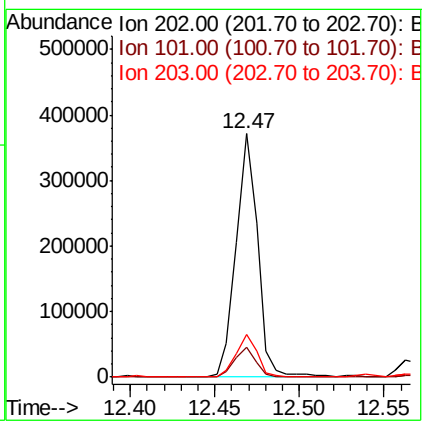


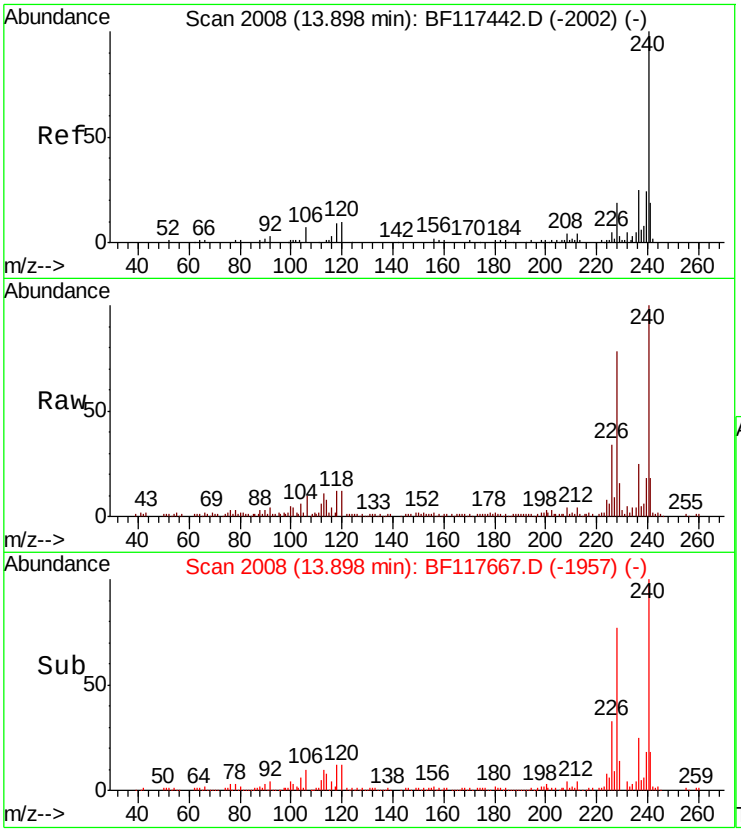


#75
Fluoranthene
Concen: 55.262 ng
RT: 12.47 min Scan# 1765
Delta R.T. 0.01 min
Lab File: BF117667.D
Acq: 31 Oct 2019 19:19

Tgt Ion:202 Resp: 329098

Ion	Ratio	Lower	Upper
202	100		
101	12.5	0.0	32.7
203	17.4	0.0	37.6



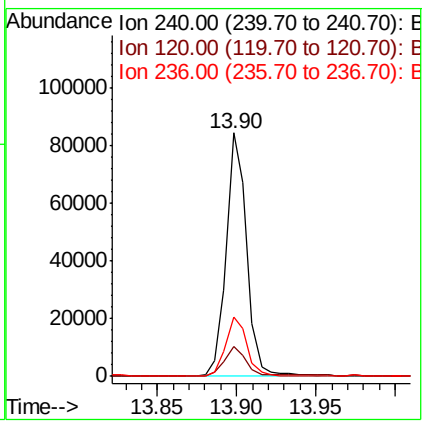


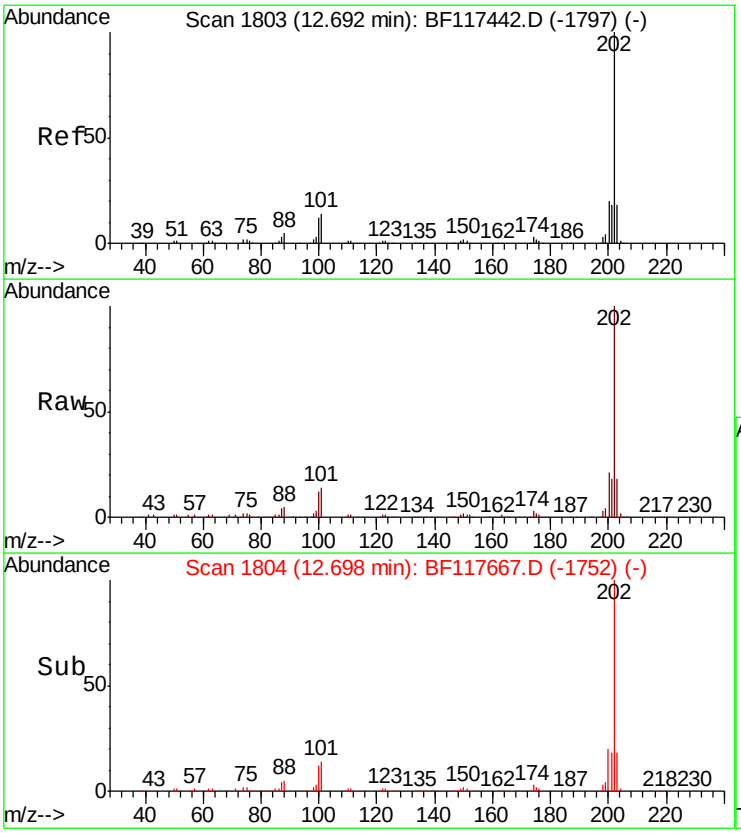
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.90 min Scan# 2008
Delta R.T. 0.00 min
Lab File: BF117667.D
Acq: 31 Oct 2019 19:19

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 75578

Ion	Ratio	Lower	Upper
240	100		
120	12.2	8.4	12.6
236	24.5	20.0	30.0

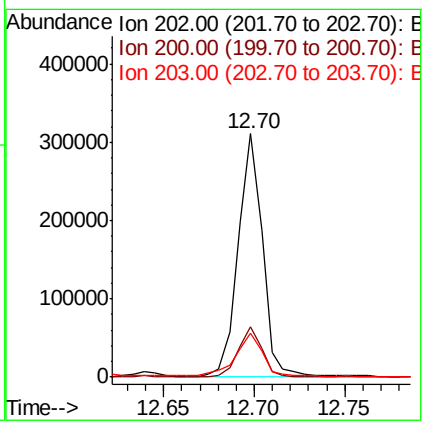


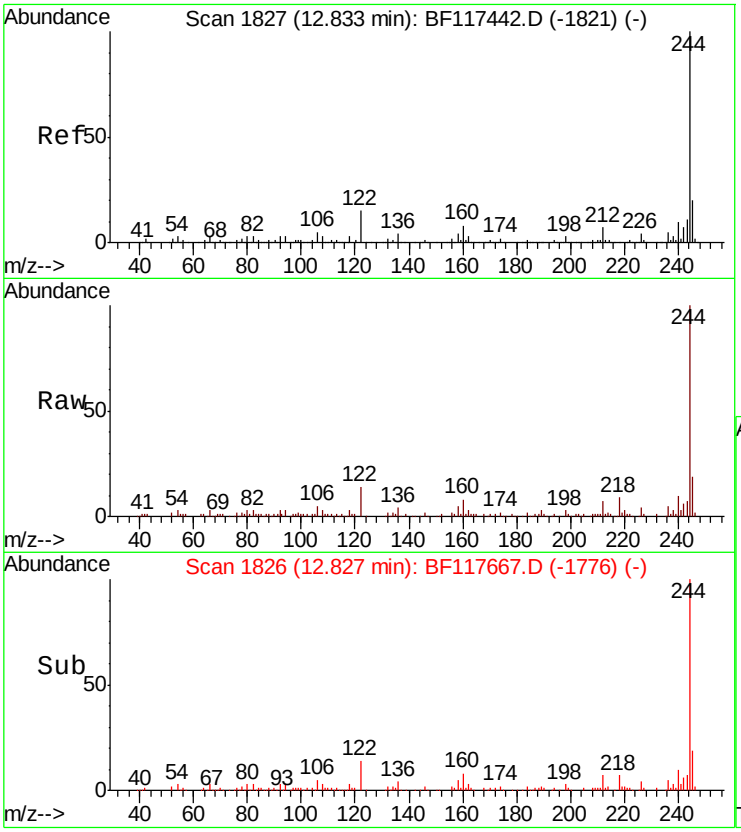


#78
Pyrene
Concen: 44.253 ng
RT: 12.70 min Scan# 1804
Delta R.T. 0.01 min
Lab File: BF117667.D
Acq: 31 Oct 2019 19:19

Tgt Ion:202 Resp: 287281

Ion	Ratio	Lower	Upper
202	100		
200	20.5	16.2	24.2
203	18.0	14.0	21.0



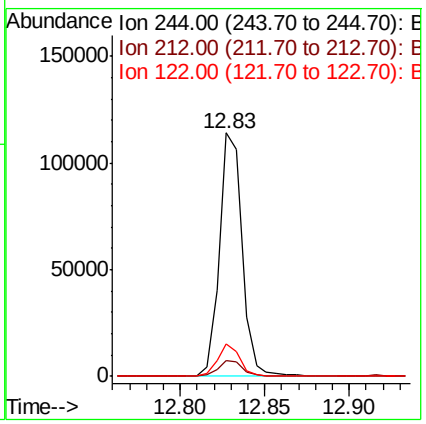


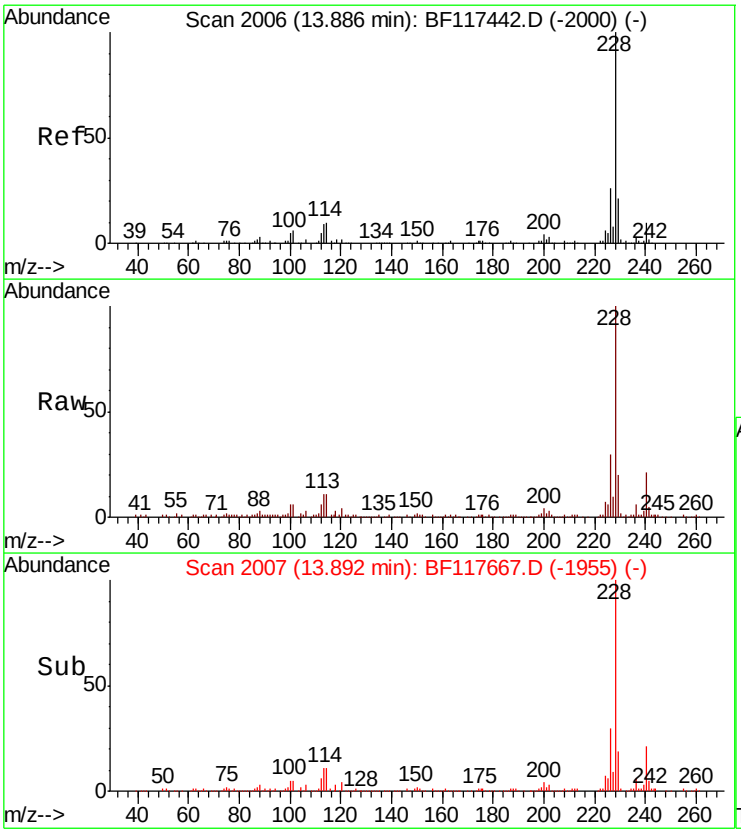
#79
Terphenyl-d14
Concen: 23.220 ng
RT: 12.83 min Scan# 1826
Delta R.T. -0.01 min
Lab File: BF117667.D
Acq: 31 Oct 2019 19:19

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 107588

Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.8	8.6
122	13.5	11.8	17.8

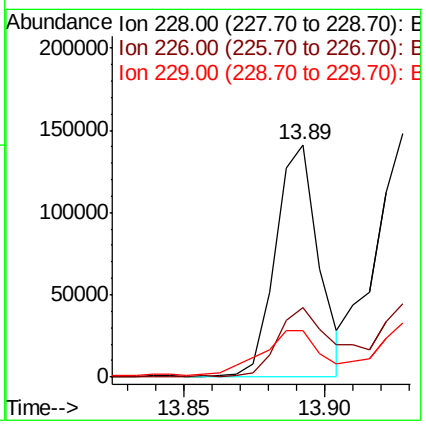


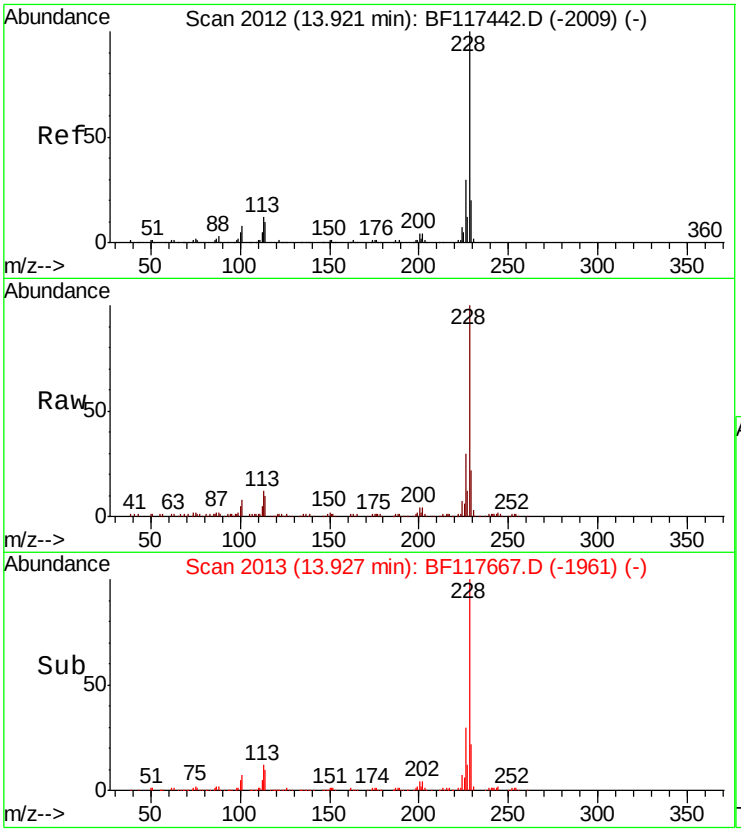


#81
Benzo(a)anthracene
Concen: 29.068 ng
RT: 13.89 min Scan# 2007
Delta R.T. 0.01 min
Lab File: BF117667.D
Acq: 31 Oct 2019 19:19

Tgt Ion:228 Resp: 148189

Ion	Ratio	Lower	Upper
228	100		
226	30.0	21.0	31.4
229	19.7	16.4	24.6



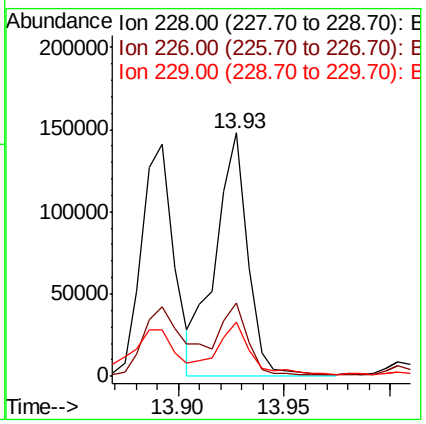


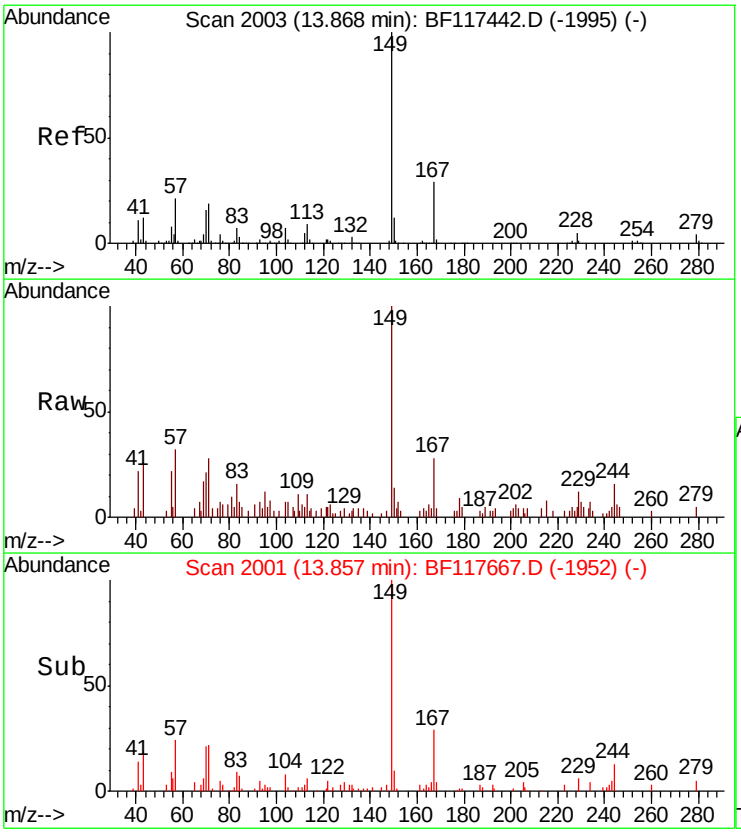
#83
Chrysene
Concen: 31.247 ng
RT: 13.93 min Scan# 2013
Delta R.T. 0.01 min
Lab File: BF117667.D
Acq: 31 Oct 2019 19:19

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 156122

Ion	Ratio	Lower	Upper
228	100		
226	30.3	23.9	35.9
229	22.5	15.8	23.6

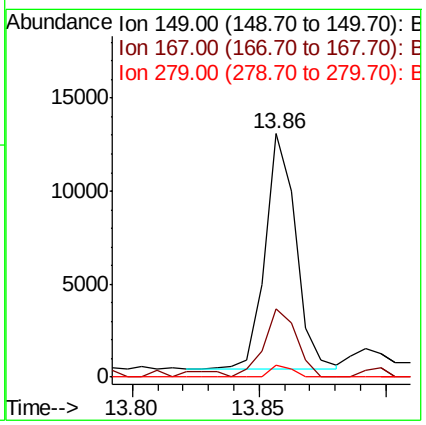


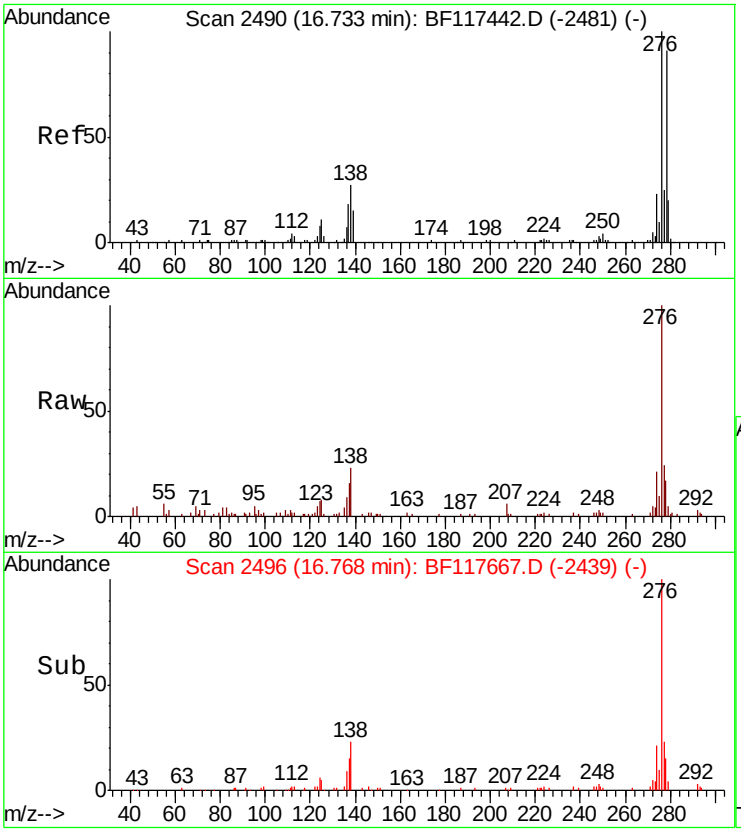


#84
Bis(2-ethylhexyl)phthalate
Concen: 2.391 ng
RT: 13.86 min Scan# 2001
Delta R.T. -0.01 min
Lab File: BF117667.D
Acq: 31 Oct 2019 19:19

Tgt Ion:149 Resp: 10819

Ion	Ratio	Lower	Upper
149	100		
167	27.9	23.3	34.9
279	5.1	3.2	4.8#



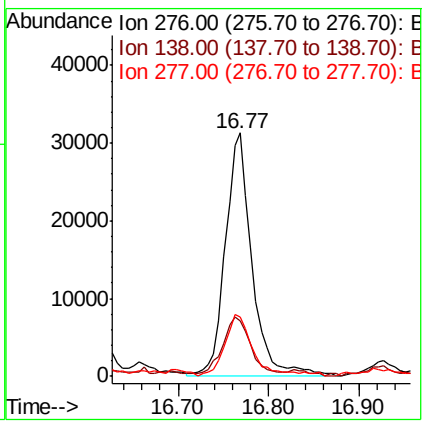


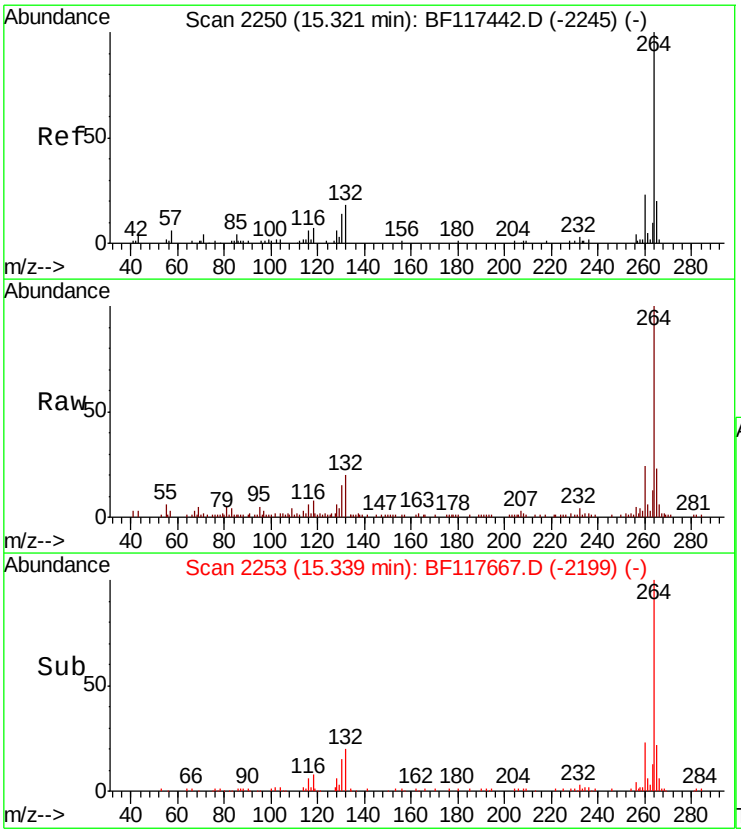
#86
Indeno(1,2,3-cd)pyrene
Concen: 17.247 ng
RT: 16.77 min Scan# 2496
Delta R.T. 0.04 min
Lab File: BF117667.D
Acq: 31 Oct 2019 19:19

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 64336

Ion	Ratio	Lower	Upper
276	100		
138	22.4	21.8	32.8
277	25.6	20.0	30.0

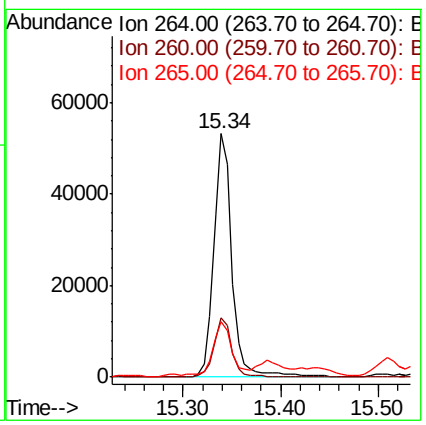


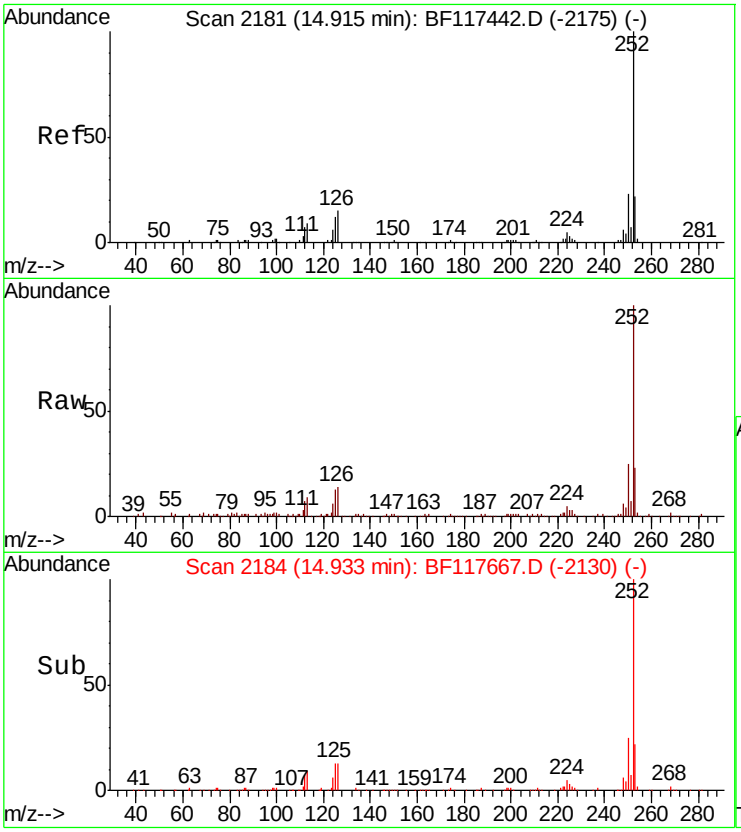


#87
Perylene-d12
Concen: 20.000 ng
RT: 15.34 min Scan# 2253
Delta R.T. 0.02 min
Lab File: BF117667.D
Acq: 31 Oct 2019 19:19

Tgt Ion:264 Resp: 68238

Ion	Ratio	Lower	Upper
264	100		
260	24.1	18.4	27.6
265	22.9	16.1	24.1



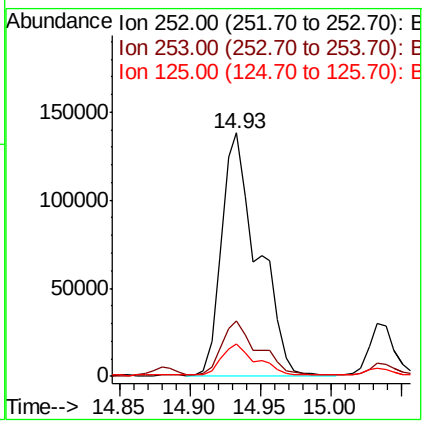


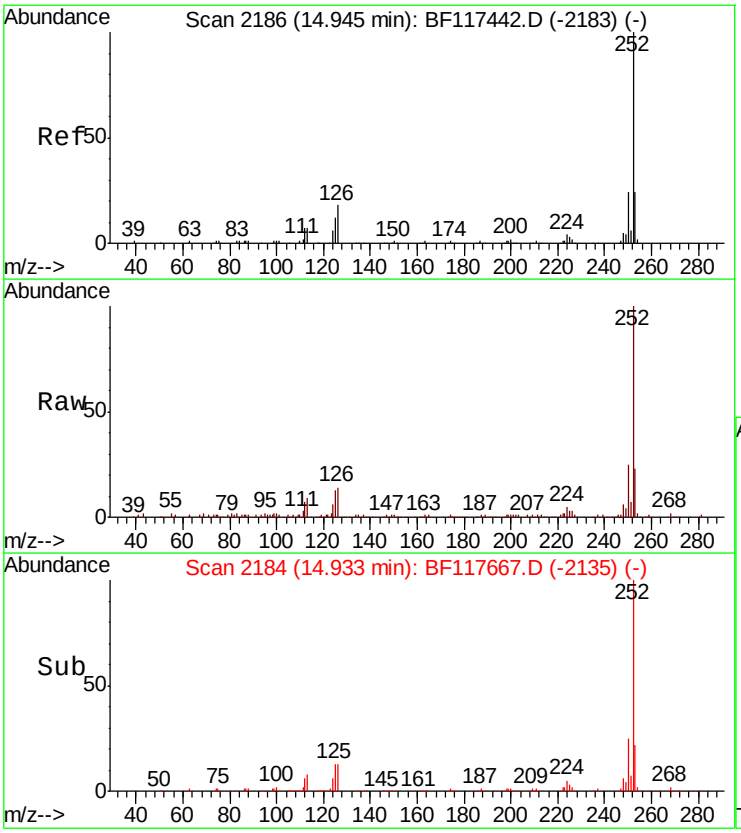
#88
Benzo(b)fluoranthene
Concen: 61.302 ng
RT: 14.93 min Scan# 2184
Delta R.T. 0.02 min
Lab File: BF117667.D
Acq: 31 Oct 2019 19:19

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 247019

Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.8	26.6
125	13.3	9.9	14.9

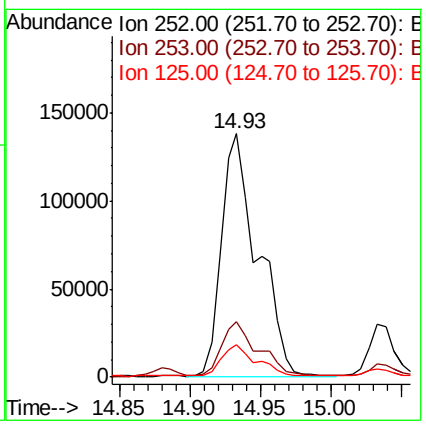


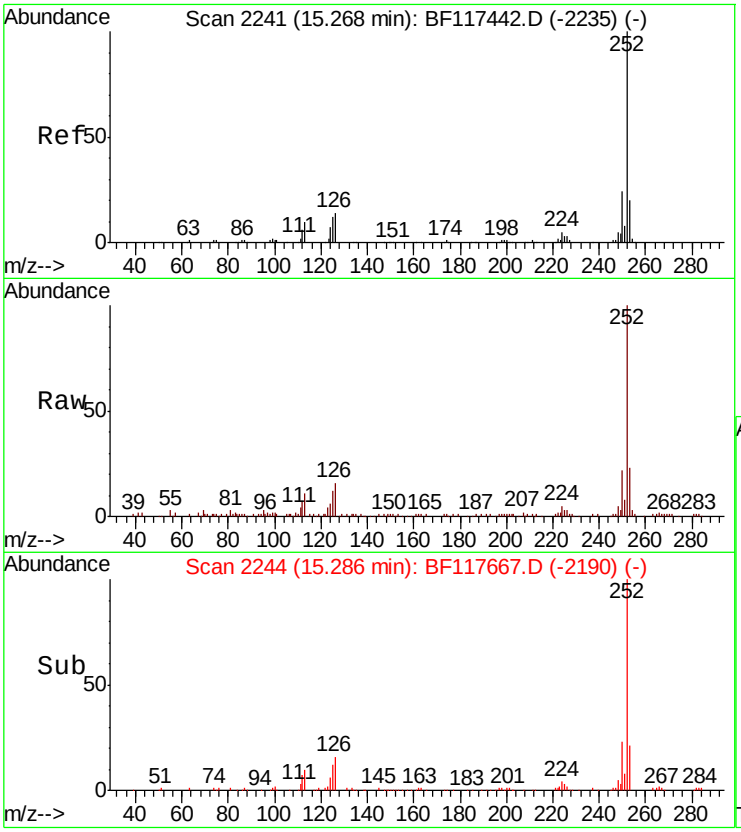


#89
Benzo(k)fluoranthene
Concen: 59.811 ng
RT: 14.93 min Scan# 2184
Delta R.T. -0.01 min
Lab File: BF117667.D
Acq: 31 Oct 2019 19:19

Tgt Ion:252 Resp: 247019

Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.0	27.0
125	13.3	8.9	13.3



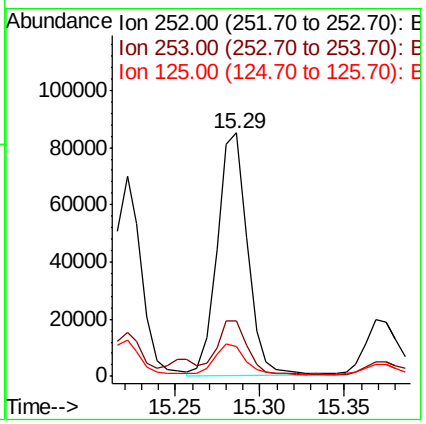


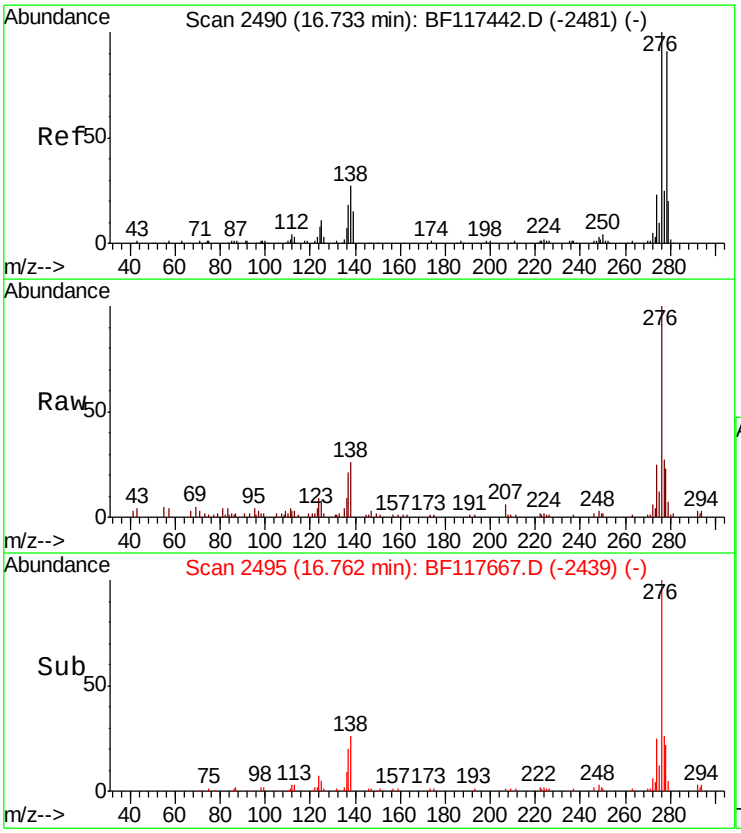
#90
Benzo(a)pyrene
Concen: 28.950 ng
RT: 15.29 min Scan# 2244
Delta R.T. 0.02 min
Lab File: BF117667.D
Acq: 31 Oct 2019 19:19

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 106065

Ion	Ratio	Lower	Upper
252	100		
253	22.5	16.3	24.5
125	12.2	9.2	13.8

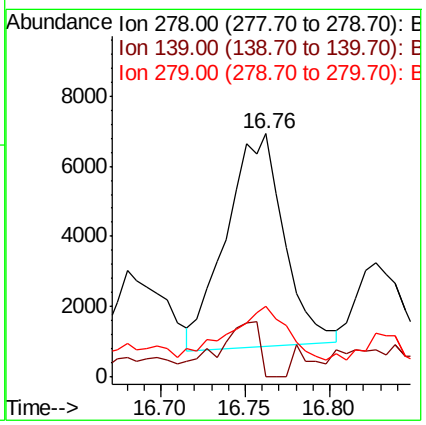


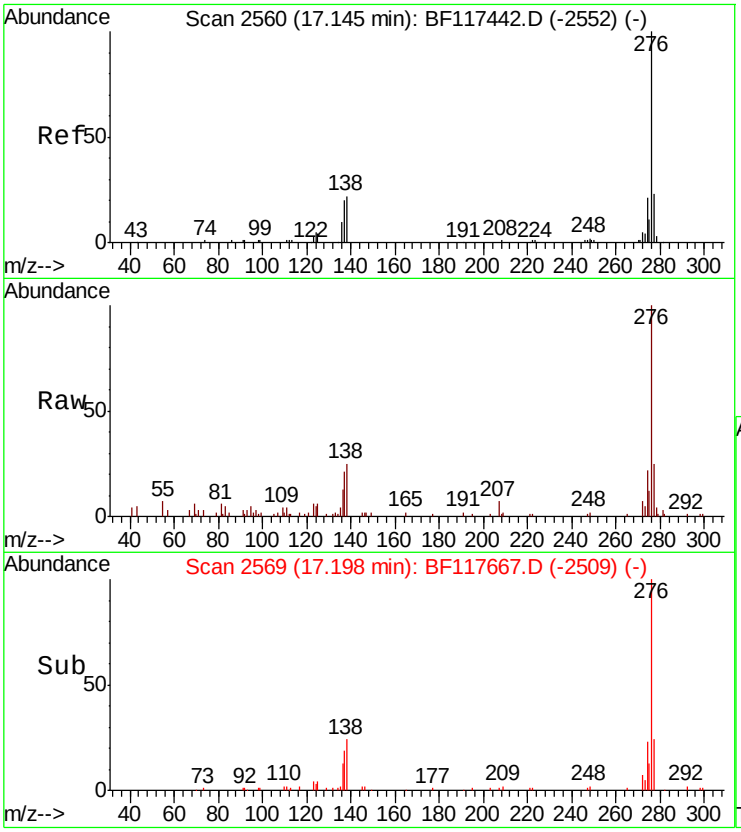


#91
Dibenzo(a,h)anthracene
Concen: 4.554 ng
RT: 16.76 min Scan# 2495
Delta R.T. 0.03 min
Lab File: BF117667.D
Acq: 31 Oct 2019 19:19

Tgt Ion:278 Resp: 14428

Ion	Ratio	Lower	Upper
278	100		
139	0.0	13.4	20.0#
279	29.1	17.8	26.6#





#92
Benzo(g,h,i)perylene
Concen: 18.292 ng
RT: 17.20 min Scan# 2569
Delta R.T. 0.05 min
Lab File: BF117667.D
Acq: 31 Oct 2019 19:19

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 54827

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