Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF110819\
Data File : BF117751.D
Acq On : 9 Nov 2019 00:18
Operator : JU
Sample : K5676-06 2X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-04-110619

Quant Time: Nov 09 01:28:18 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 06 17:27:10 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.93	152	329772	20.00	ng		0.00
21) Naphthalene-d8	8.22	136	1275082	20.00	ng		-0.01
39) Acenaphthene-d10	9.98	164	661839	20.00	ng		0.00
64) Phenanthrene-d10	11.47	188	1073901	20.00	ng		0.00
76) Chrysene-d12	14.12	240	658139	20.00	ng		0.00
87) Perylene-d12	15.63	264	696458	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.54	112	921256	50.57	ng		0.00
7) Phenol-d6	6.55	99	1157928	51.55	ng		-0.01
23) Nitrobenzene-d5	7.49	82	701877	32.50	ng		-0.02
42) 2,4,6-Tribromophenol	10.77	330	310314	47.93	ng		0.00
45) 2-Fluorobiphenyl	9.29	172	1347822	40.18	ng		-0.01
79) Terphenyl-d14	13.06	244	1083366	33.89	ng		-0.01
Target Compounds							Qvalue
10) Phenol	6.56	94	55392	2.288	ng		95
19) n-Nitroso-di-n-propylamine	7.49	70	95516	6.467	ng	#	78
25) Isophorone	7.49	82	696706	16.866	ng	#	62
50) Dimethylphthalate	9.69	163	159841	3.572	ng		97
51) 2,6-Dinitrotoluene	9.98	165	88106	8.794	ng	#	24
57) 2,4-Dinitrotoluene	9.98	165	88106	6.855	ng	#	28
71) Phenanthrene	11.49	178	266081	5.169	ng		94
75) Fluoranthene	12.69	202	403368	7.675	ng		95
78) Pyrene	12.92	202	388477	8.086	ng		96
81) Benzo(a)anthracene	14.14	228	214414	5.234	ng		95
83) Chrysene	14.14	228	214414	5.300	ng		97
86) Indeno(1,2,3-cd)pyrene	17.16	276	110724	2.941	ng		94
88) Benzo(b)fluoranthene	15.18	252	414764	9.456	ng	#	94
89) Benzo(k)fluoranthene	15.18	252	414764	10.602	ng	#	93
90) Benzo(a)pyrene	15.56	252	216336	5.689	ng	#	92
92) Benzo(g,h,i)perylene	17.63	276	99119	2.999	ng		93

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF110819\
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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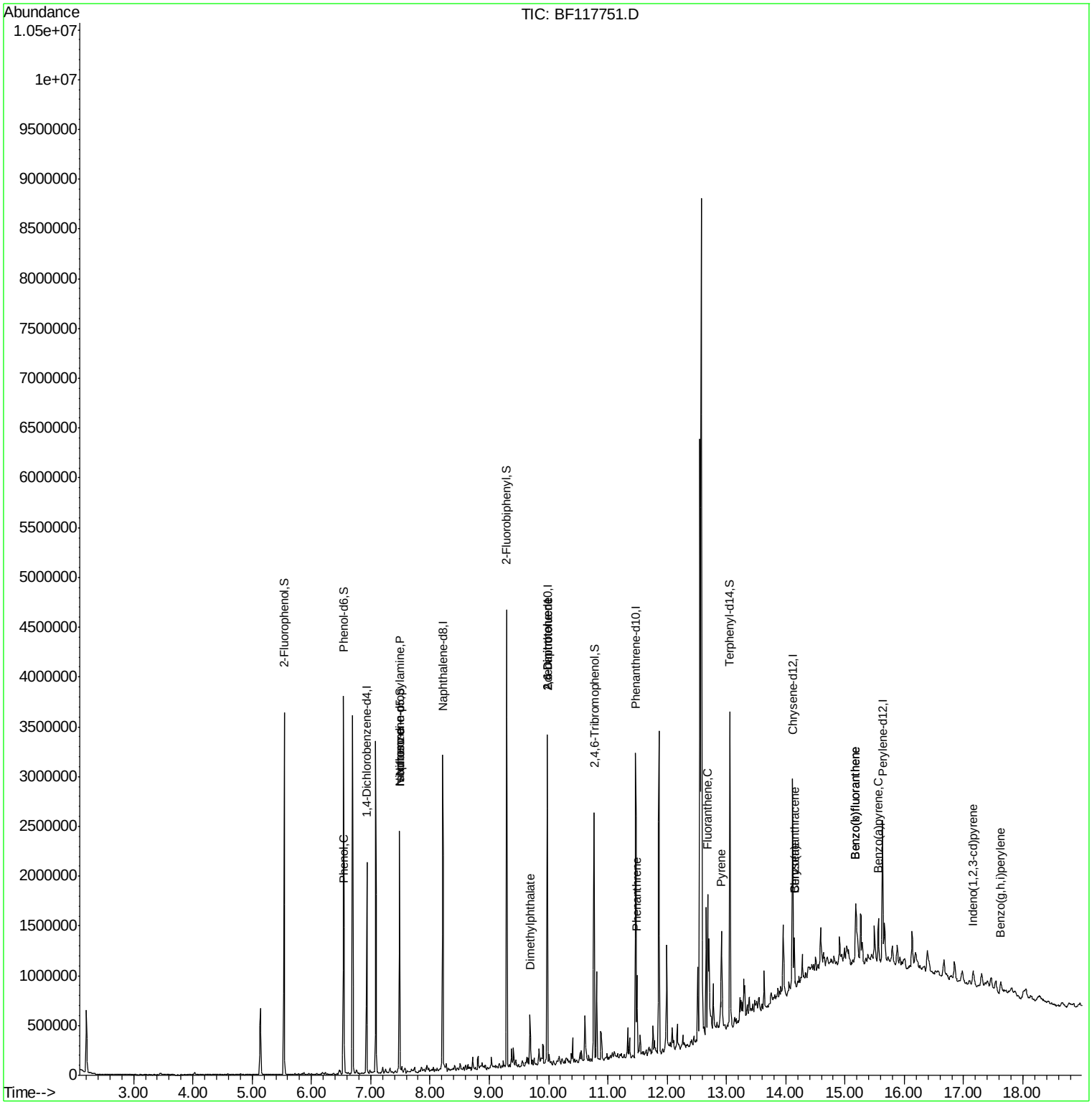
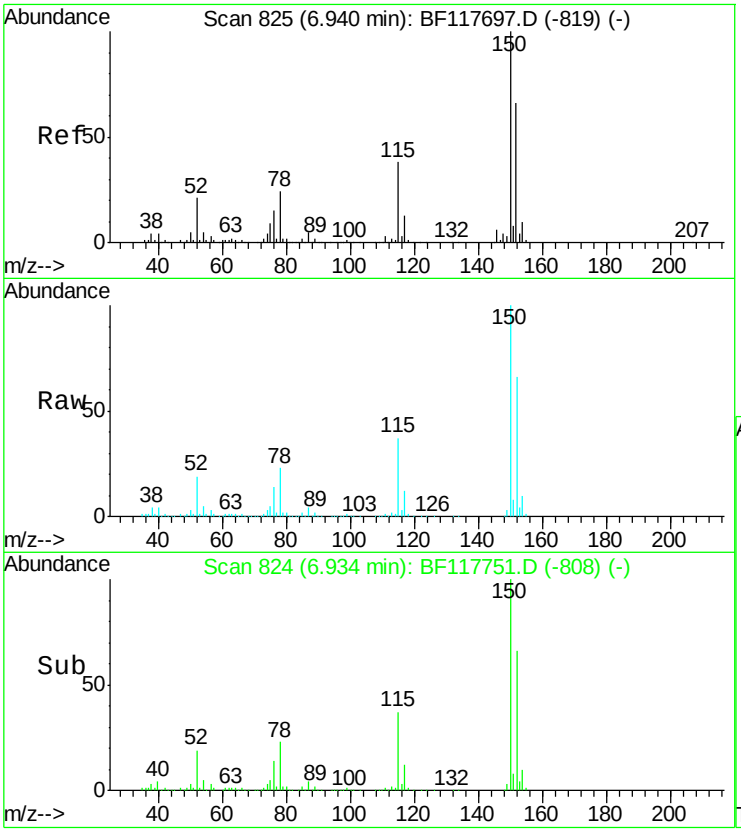


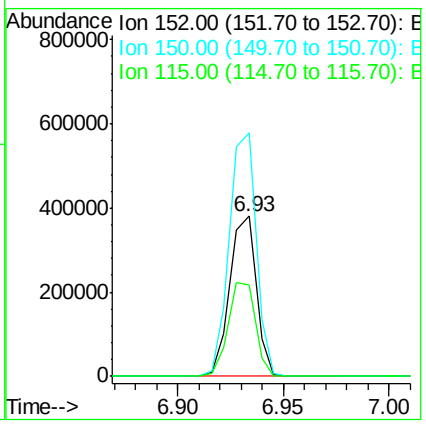


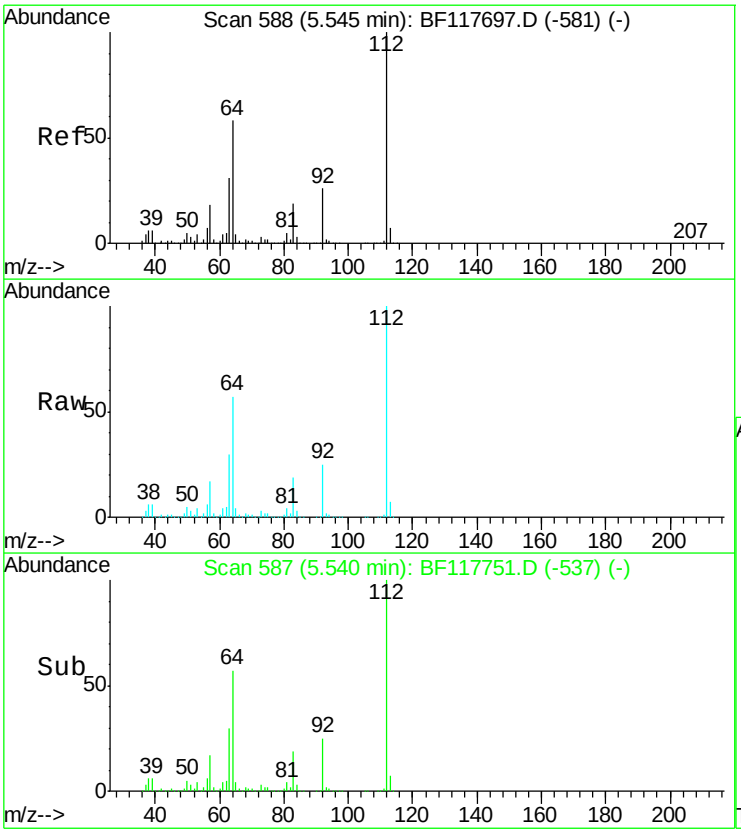
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.93 min Scan# 824
Delta R.T. -0.01 min
Lab File: BF117751.D
Acq: 9 Nov 2019 00:18

Instrument :
BNA_F
ClientSampleId :
SU-04-110619

Tgt Ion:152 Resp: 329772

Ion	Ratio	Lower	Upper
152	100		
150	151.9	121.4	182.2
115	56.7	46.7	70.1

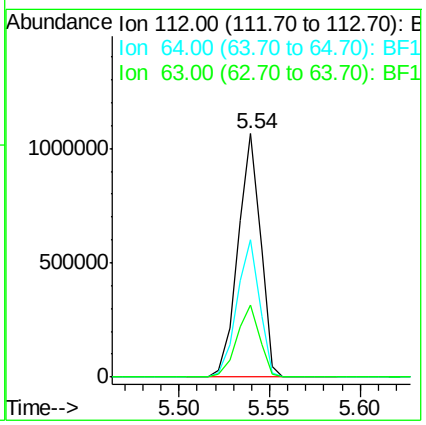


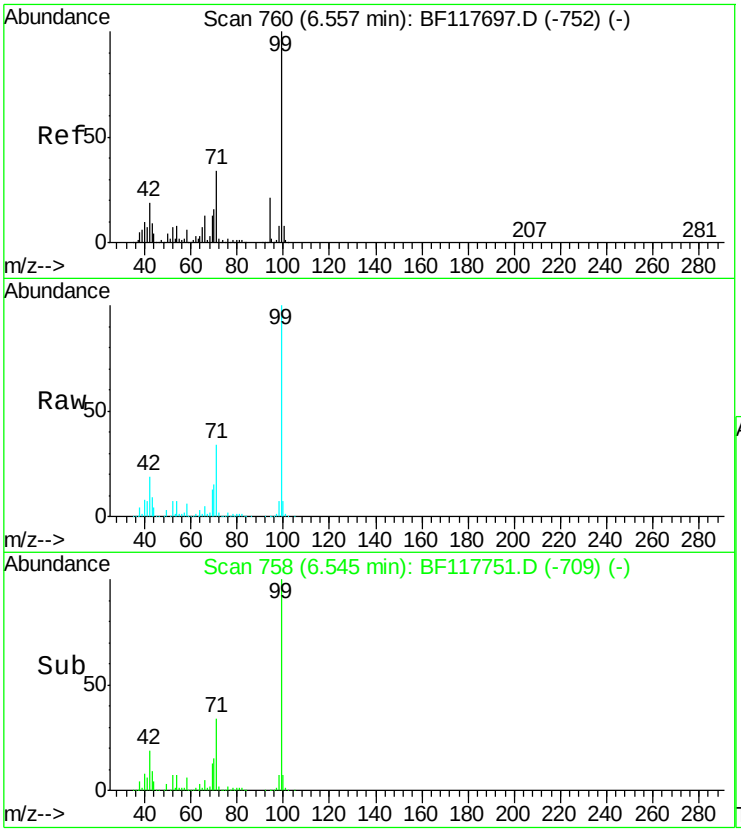


#5
2-Fluorophenol
Concen: 50.569 ng
RT: 5.54 min Scan# 587
Delta R.T. -0.01 min
Lab File: BF117751.D
Acq: 9 Nov 2019 00:18

Tgt Ion:112 Resp: 921256

Ion	Ratio	Lower	Upper
112	100		
64	56.6	46.4	69.6
63	29.7	24.6	37.0



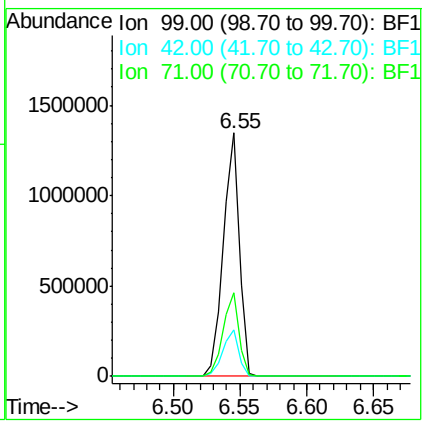


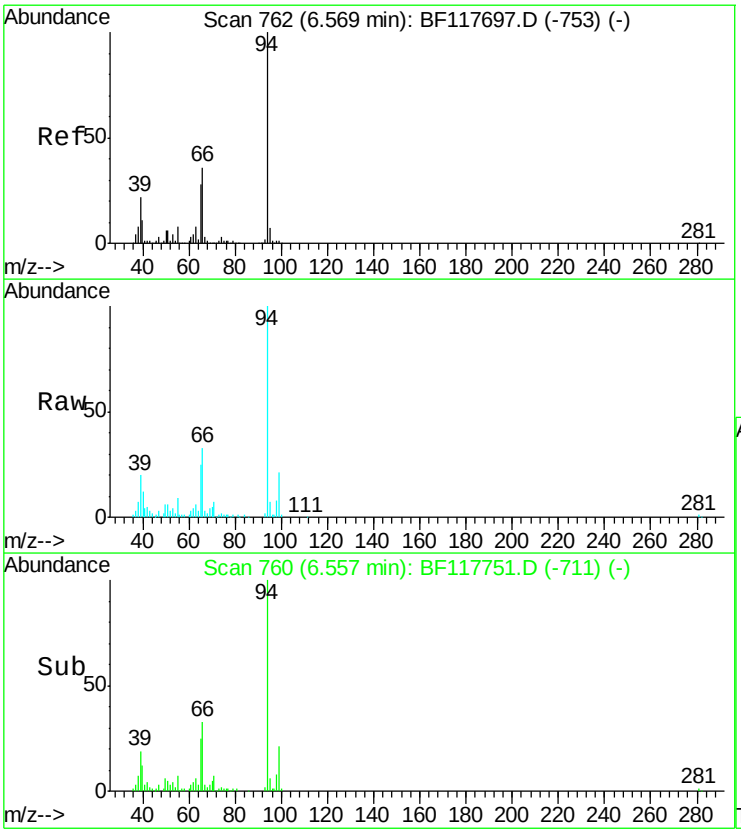
#7
Phenol-d6
Concen: 51.548 ng
RT: 6.55 min Scan# 758
Delta R.T. -0.01 min
Lab File: BF117751.D
Acq: 9 Nov 2019 00:18

Instrument :
BNA_F
ClientSampleId :
SU-04-110619

Tgt Ion: 99 Resp: 1157928

Ion	Ratio	Lower	Upper
99	100		
42	19.1	15.3	22.9
71	34.4	26.8	40.2

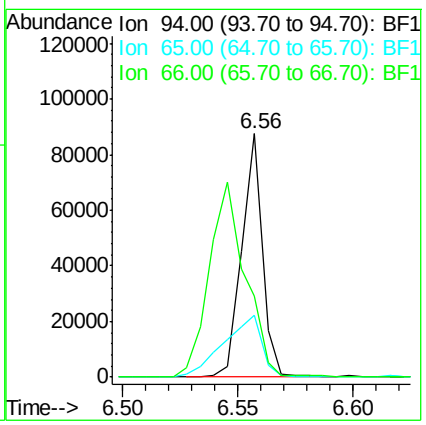


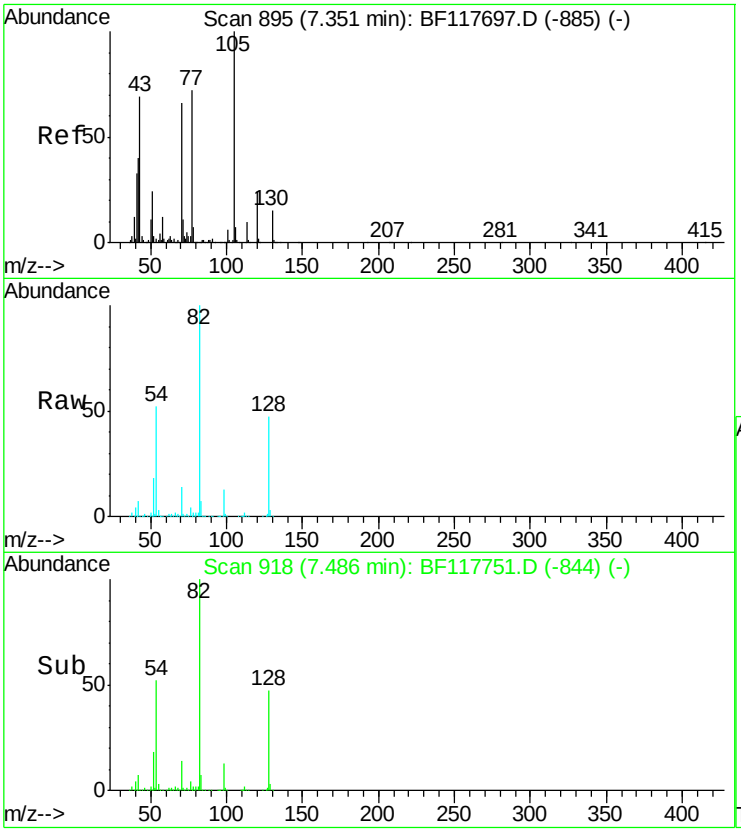


#10
Phenol
Concen: 2.288 ng
RT: 6.56 min Scan# 760
Delta R.T. -0.01 min
Lab File: BF117751.D
Acq: 9 Nov 2019 00:18

Tgt Ion: 94 Resp: 55392

Ion	Ratio	Lower	Upper
94	100		
65	25.4	7.6	47.6
66	33.1	16.1	56.1



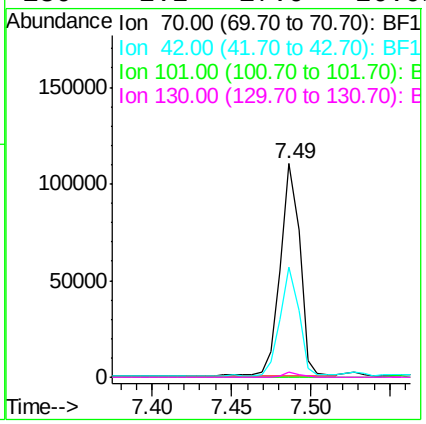


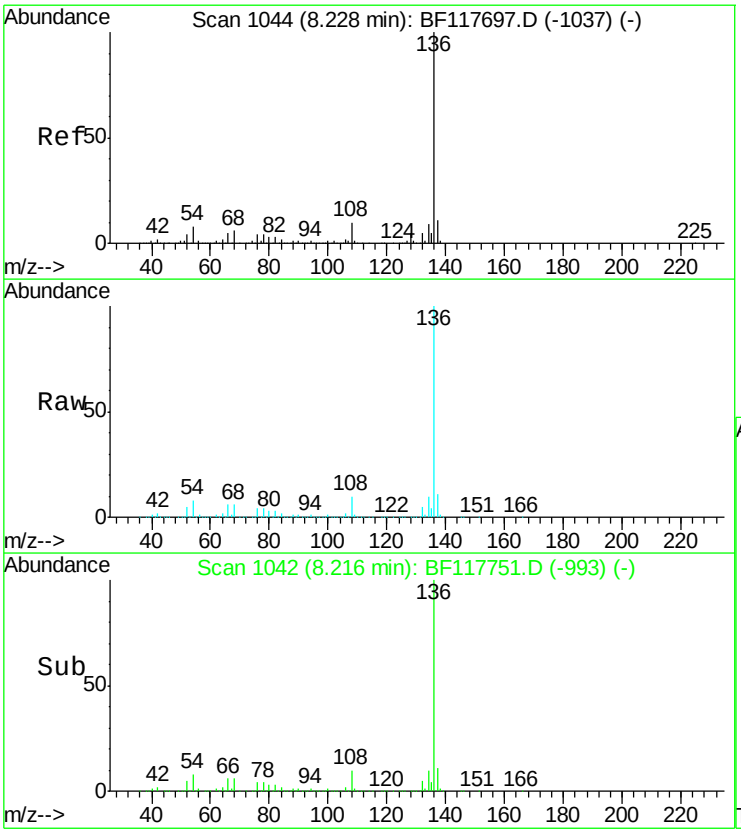
#19
n-Nitroso-di-n-propylamine
Concen: 6.467 ng
RT: 7.49 min Scan# 918
Delta R.T. 0.14 min
Lab File: BF117751.D
Acq: 9 Nov 2019 00:18

Instrument :
BNA_F
ClientSampleId :
SU-04-110619

Tgt Ion: 70 Resp: 95516

Ion	Ratio	Lower	Upper
70	100		
42	51.3	49.1	73.7
101	0.0	7.8	11.8#
130	2.2	17.9	26.9#

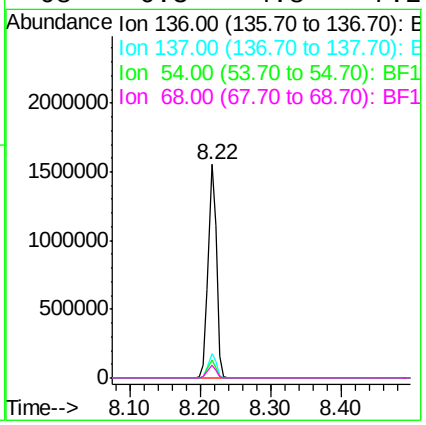


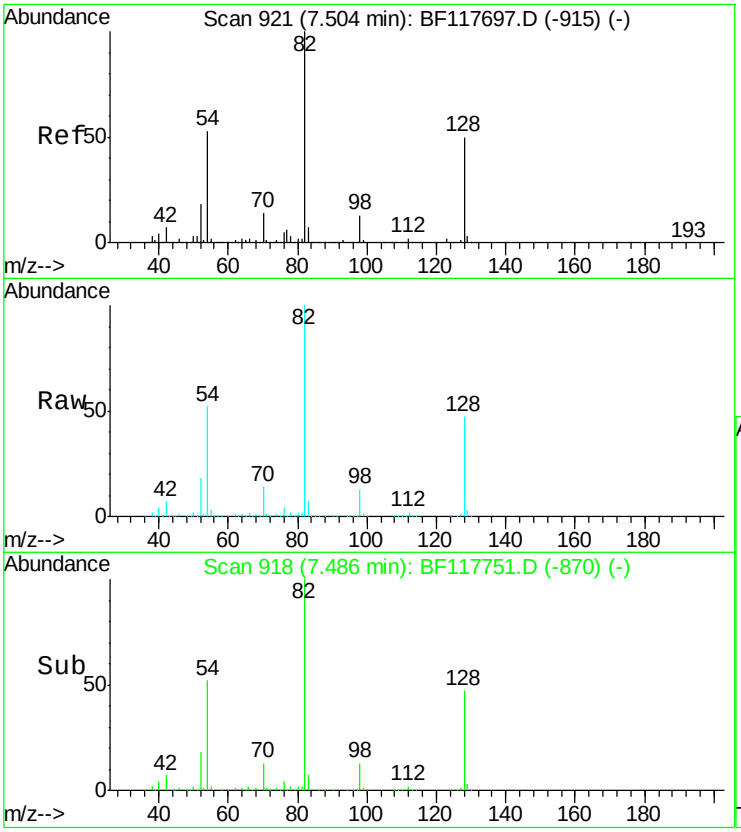


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.22 min Scan# 1042
Delta R.T. -0.01 min
Lab File: BF117751.D
Acq: 9 Nov 2019 00:18

Tgt Ion:136 Resp: 1275082

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.8	13.2
54	8.2	6.0	9.0
68	6.3	4.8	7.2



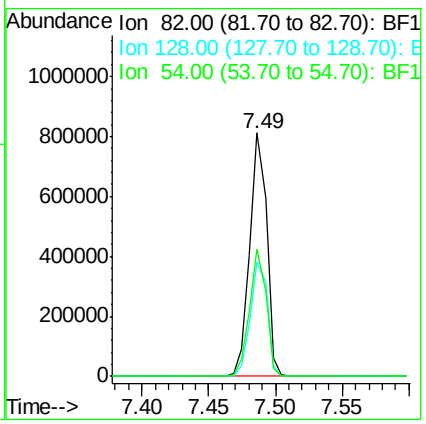


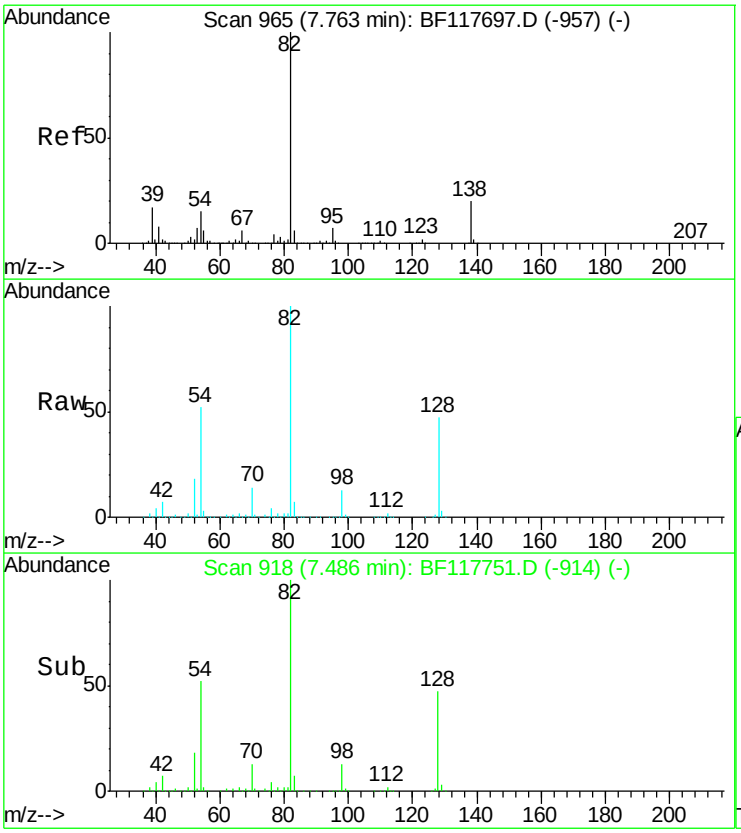
#23
Nitrobenzene-d5
Concen: 32.498 ng
RT: 7.49 min Scan# 918
Delta R.T. -0.02 min
Lab File: BF117751.D
Acq: 9 Nov 2019 00:18

Instrument :
BNA_F
ClientSampleId :
SU-04-110619

Tgt Ion: 82 Resp: 701877

Ion	Ratio	Lower	Upper
82	100		
128	47.0	40.2	60.2
54	52.2	42.0	63.0

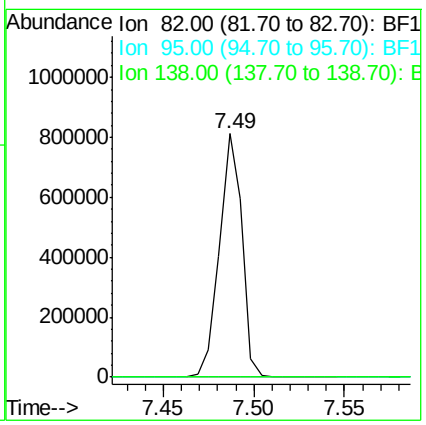


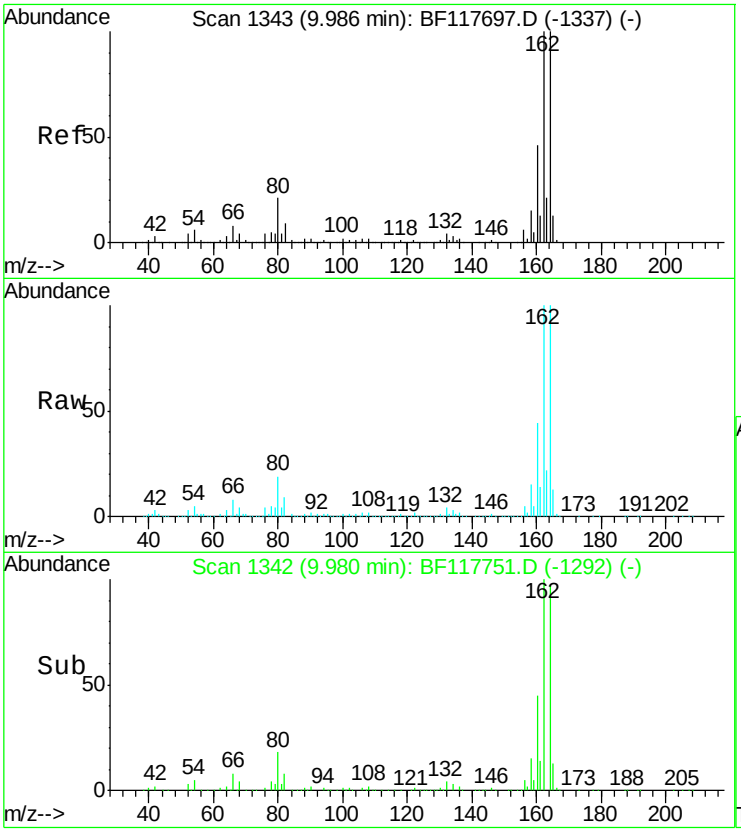


#25
Isophorone
Concen: 16.866 ng
RT: 7.49 min Scan# 918
Delta R.T. -0.28 min
Lab File: BF117751.D
Acq: 9 Nov 2019 00:18

Tgt Ion: 82 Resp: 696706

Ion	Ratio	Lower	Upper
82	100		
95	0.1	5.8	8.6#
138	0.0	16.2	24.2#



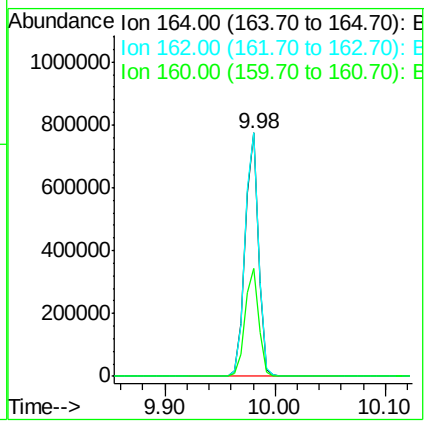


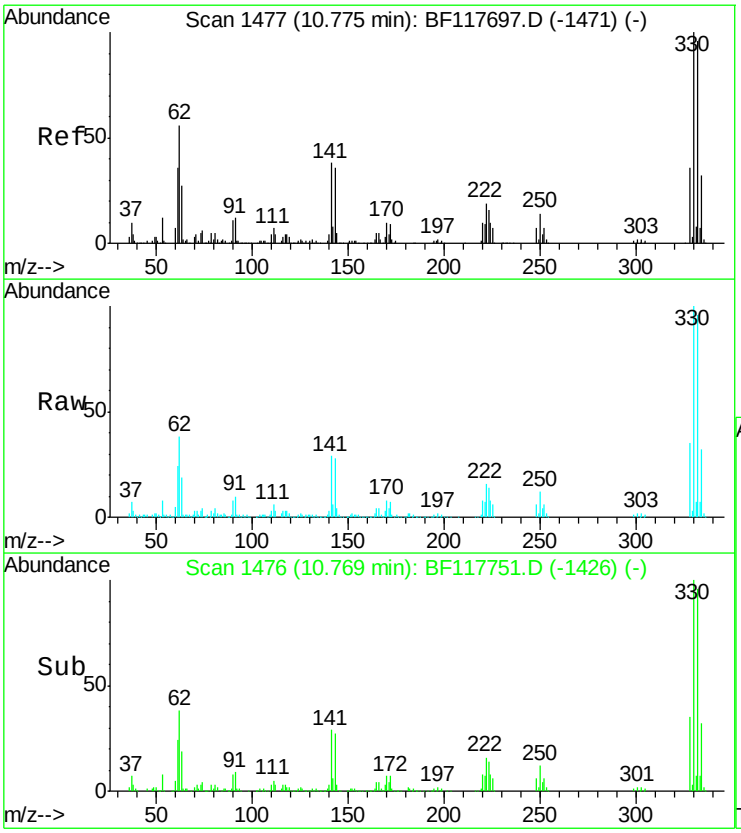
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.98 min Scan# 1342
Delta R.T. -0.01 min
Lab File: BF117751.D
Acq: 9 Nov 2019 00:18

Instrument :
BNA_F
ClientSampleId :
SU-04-110619

Tgt Ion:164 Resp: 661839

Ion	Ratio	Lower	Upper
164	100		
162	100.2	79.7	119.5
160	44.5	36.5	54.7

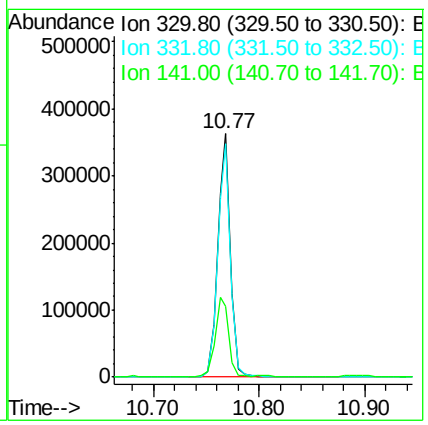


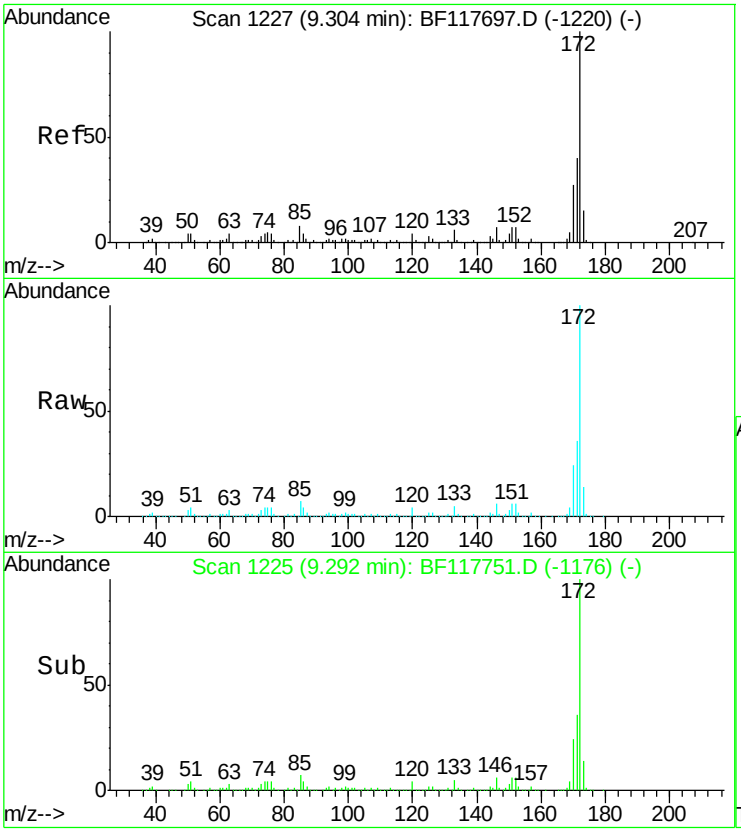


#42
2,4,6-Tribromophenol
Concen: 47.930 ng
RT: 10.77 min Scan# 1476
Delta R.T. -0.01 min
Lab File: BF117751.D
Acq: 9 Nov 2019 00:18

Tgt Ion:330 Resp: 310314

Ion	Ratio	Lower	Upper
330	100		
332	96.3	77.4	116.0
141	34.3	28.0	42.0



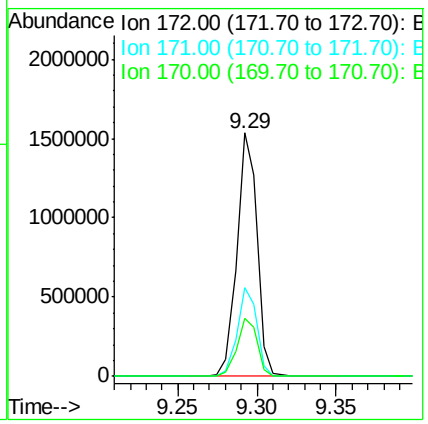


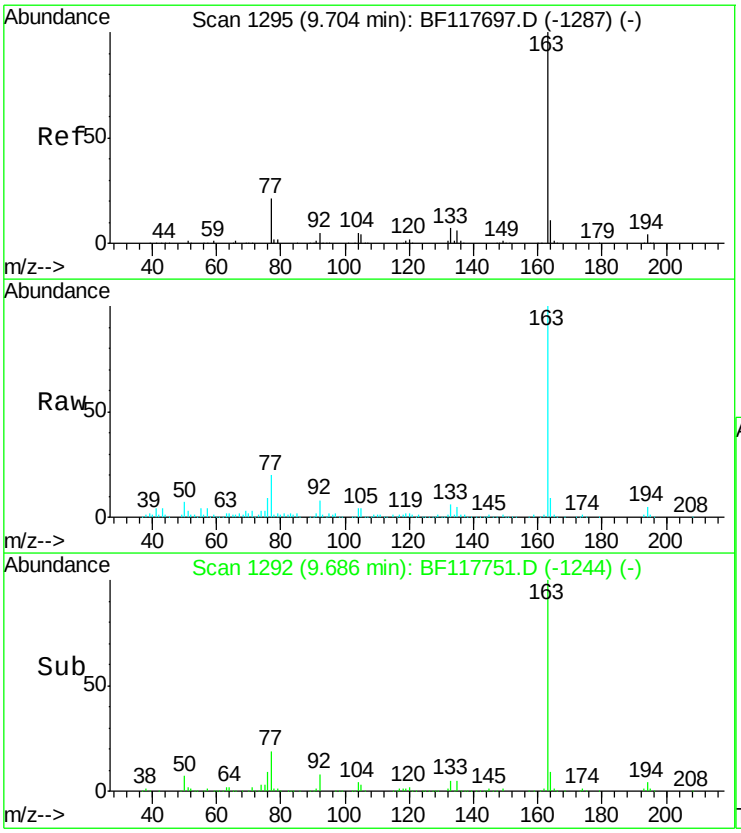
#45
2-Fluorobiphenyl
Concen: 40.180 ng
RT: 9.29 min Scan# 1225
Delta R.T. -0.01 min
Lab File: BF117751.D
Acq: 9 Nov 2019 00:18

Instrument :
BNA_F
ClientSampleId :
SU-04-110619

Tgt Ion:172 Resp: 1347822

Ion	Ratio	Lower	Upper
172	100		
171	36.2	31.8	47.8
170	24.0	21.6	32.4

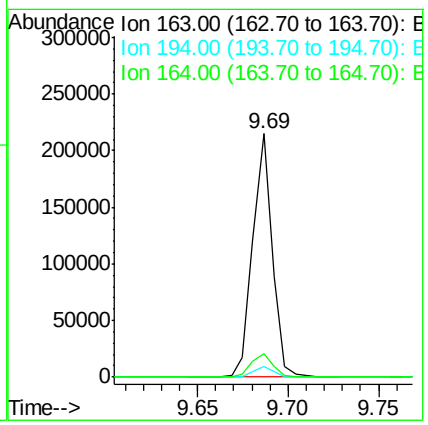


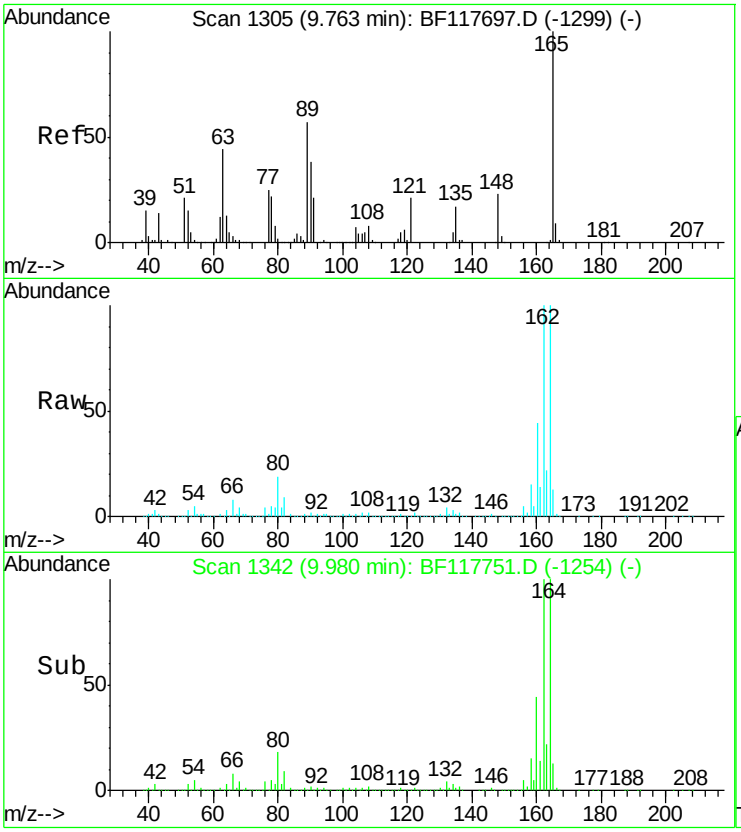


#50
Dimethylphthalate
Concen: 3.572 ng
RT: 9.69 min Scan# 1292
Delta R.T. -0.02 min
Lab File: BF117751.D
Acq: 9 Nov 2019 00:18

Tgt Ion:163 Resp: 159841

Ion	Ratio	Lower	Upper
163	100		
194	4.6	3.4	5.0
164	9.5	8.9	13.3



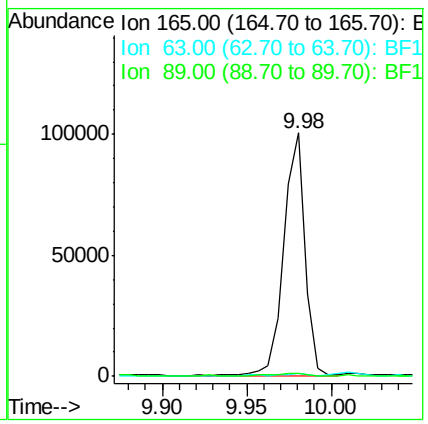


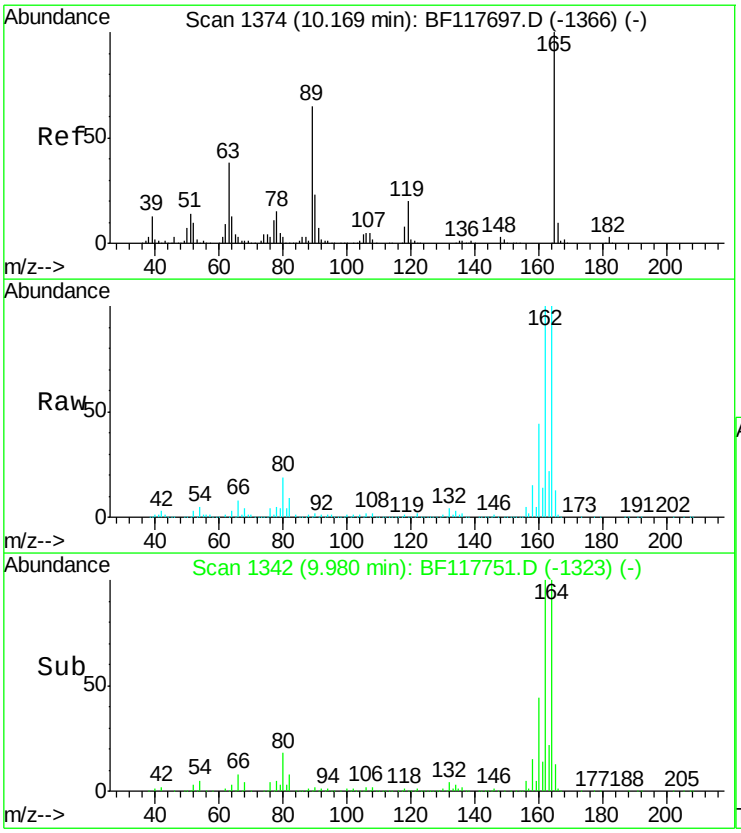
#51
2,6-Dinitrotoluene
Concen: 8.794 ng
RT: 9.98 min Scan# 1342
Delta R.T. 0.22 min
Lab File: BF117751.D
Acq: 9 Nov 2019 00:18

Instrument :
BNA_F
ClientSampleId :
SU-04-110619

Tgt Ion:165 Resp: 88106

Ion	Ratio	Lower	Upper
165	100		
63	1.2	45.6	68.4#
89	1.4	45.8	68.6#

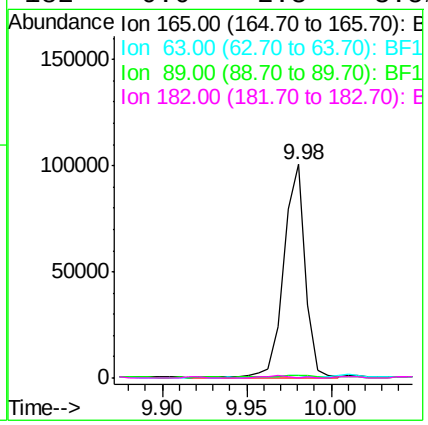


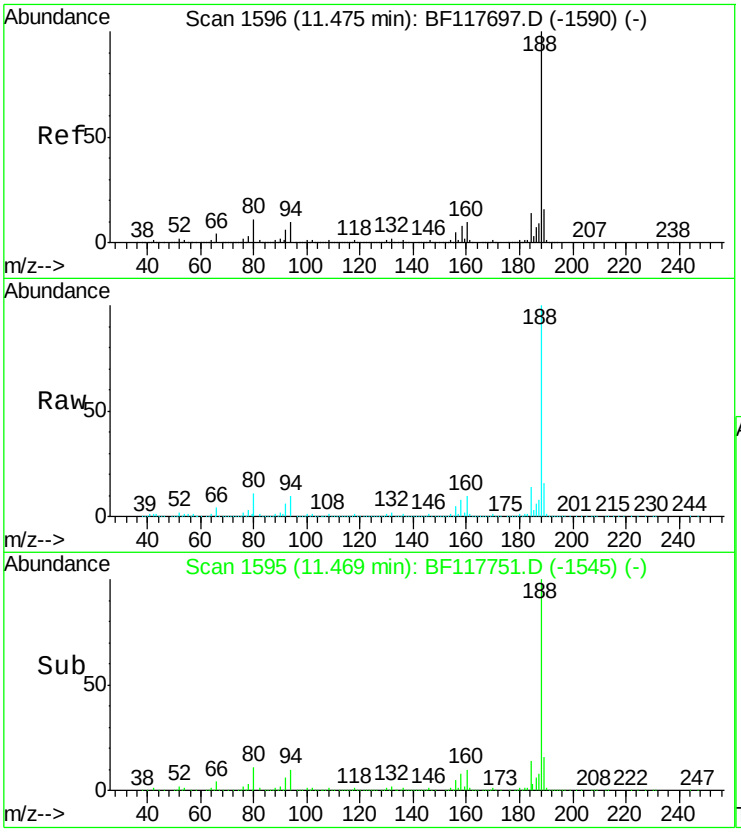


#57
2,4-Dinitrotoluene
Concen: 6.855 ng
RT: 9.98 min Scan# 1342
Delta R.T. -0.19 min
Lab File: BF117751.D
Acq: 9 Nov 2019 00:18

Tgt Ion:165 Resp: 88106

Ion	Ratio	Lower	Upper
165	100		
63	1.2	30.4	45.6#
89	1.4	52.2	78.4#
182	0.0	2.3	3.5#



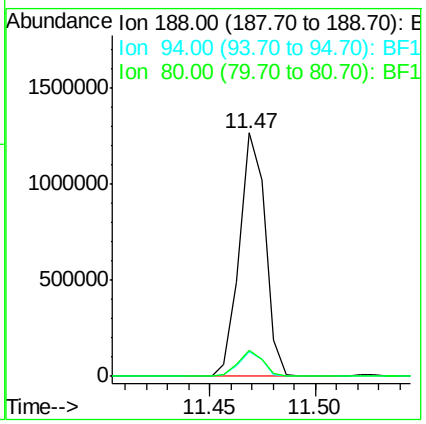


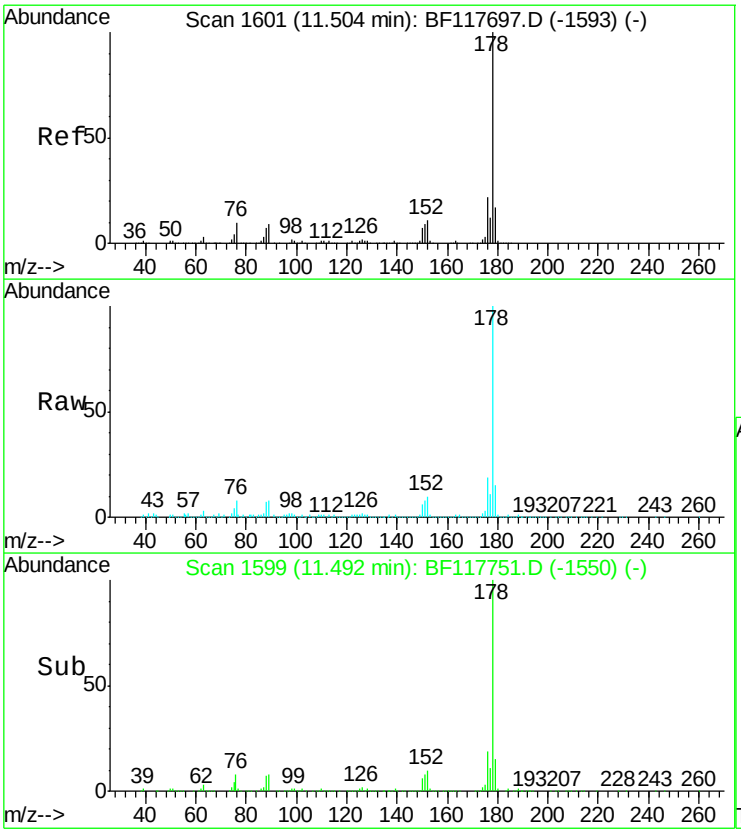
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.47 min Scan# 1595
Delta R.T. -0.01 min
Lab File: BF117751.D
Acq: 9 Nov 2019 00:18

Instrument :
BNA_F
ClientSampleId :
SU-04-110619

Tgt Ion:188 Resp: 1073901

Ion	Ratio	Lower	Upper
188	100		
94	10.1	8.2	12.4
80	10.9	8.6	13.0

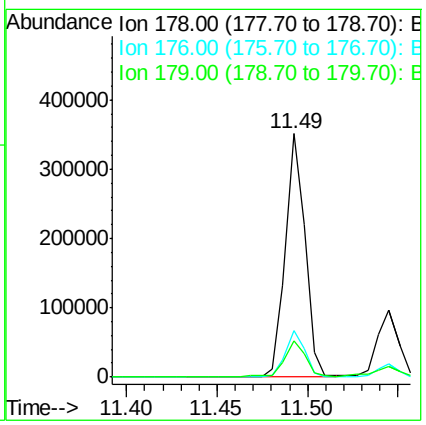


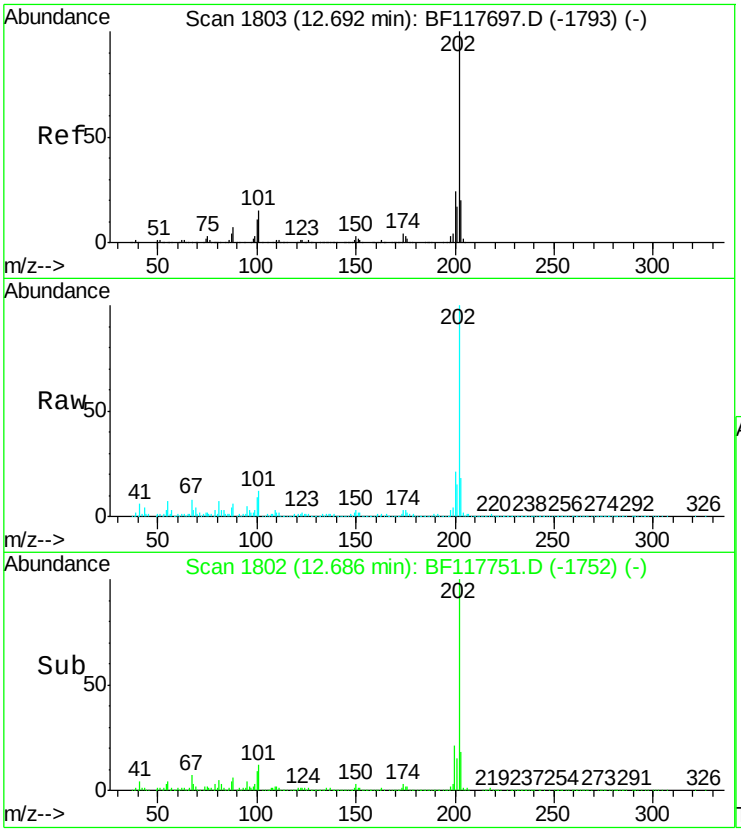


#71
Phenanthrene
Concen: 5.169 ng
RT: 11.49 min Scan# 1599
Delta R.T. -0.01 min
Lab File: BF117751.D
Acq: 9 Nov 2019 00:18

Tgt Ion:178 Resp: 266081

Ion	Ratio	Lower	Upper
178	100		
176	18.9	17.7	26.5
179	15.0	13.8	20.8



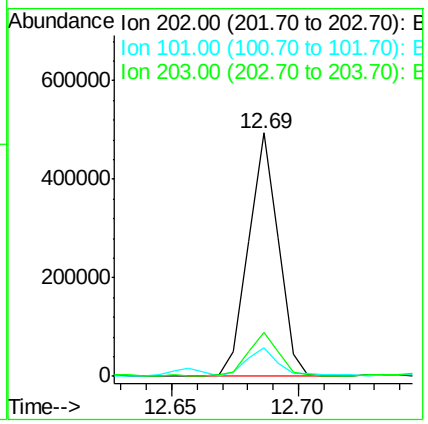


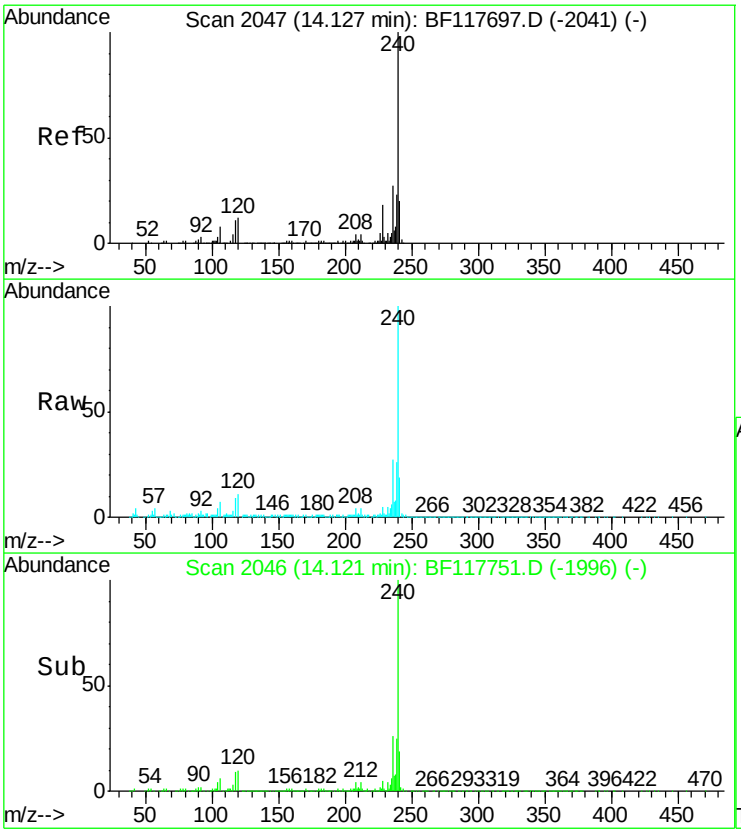
#75
Fluoranthene
Concen: 7.675 ng
RT: 12.69 min Scan# 1802
Delta R.T. -0.01 min
Lab File: BF117751.D
Acq: 9 Nov 2019 00:18

Instrument :
BNA_F
ClientSampleId :
SU-04-110619

Tgt Ion:202 Resp: 403368

Ion	Ratio	Lower	Upper
202	100		
101	11.7	0.0	34.5
203	18.0	0.0	39.8

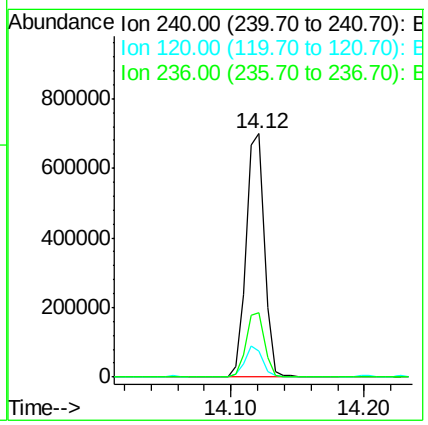


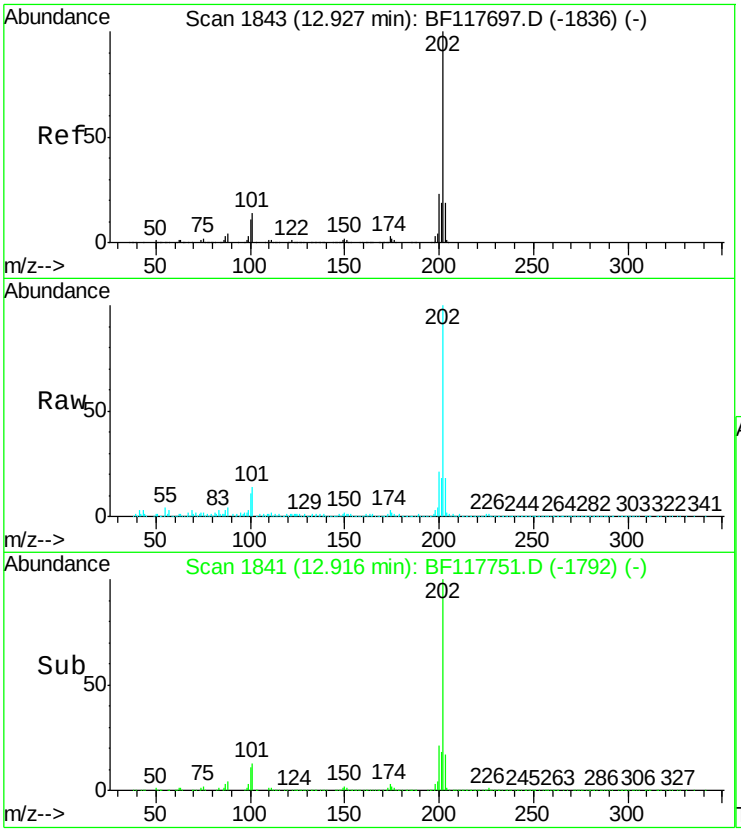


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.12 min Scan# 2046
Delta R.T. -0.01 min
Lab File: BF117751.D
Acq: 9 Nov 2019 00:18

Tgt Ion:240 Resp: 658139

Ion	Ratio	Lower	Upper
240	100		
120	10.7	9.7	14.5
236	26.6	21.9	32.9



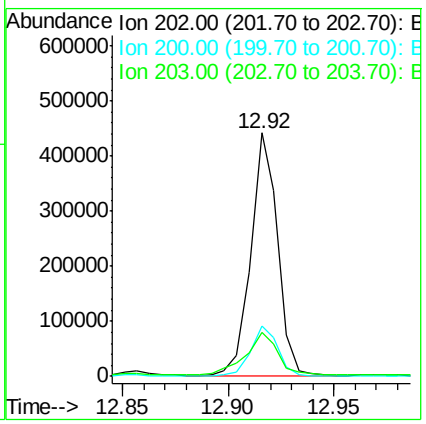


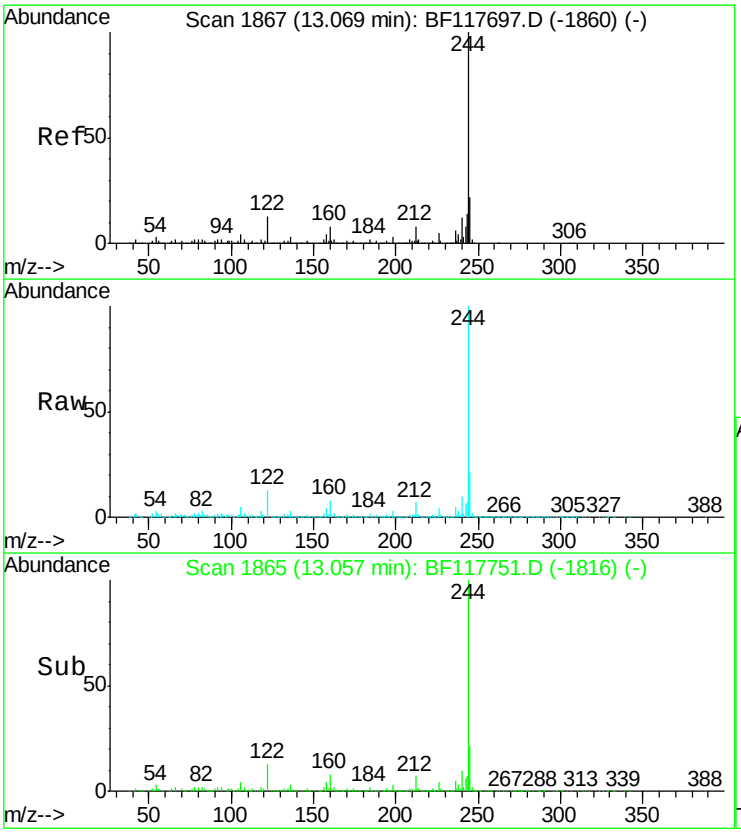
#78
Pyrene
Concen: 8.086 ng
RT: 12.92 min Scan# 1841
Delta R.T. -0.01 min
Lab File: BF117751.D
Acq: 9 Nov 2019 00:18

Instrument :
BNA_F
ClientSampleId :
SU-04-110619

Tgt Ion:202 Resp: 388477

Ion	Ratio	Lower	Upper
202	100		
200	20.8	18.8	28.2
203	18.1	15.2	22.8

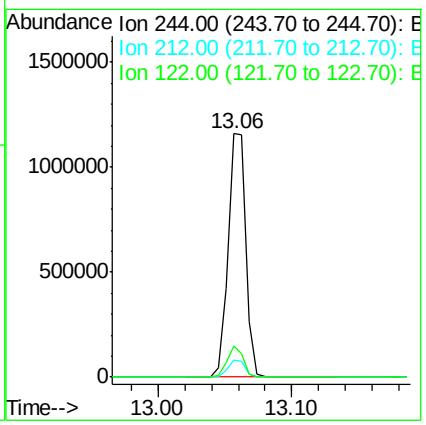


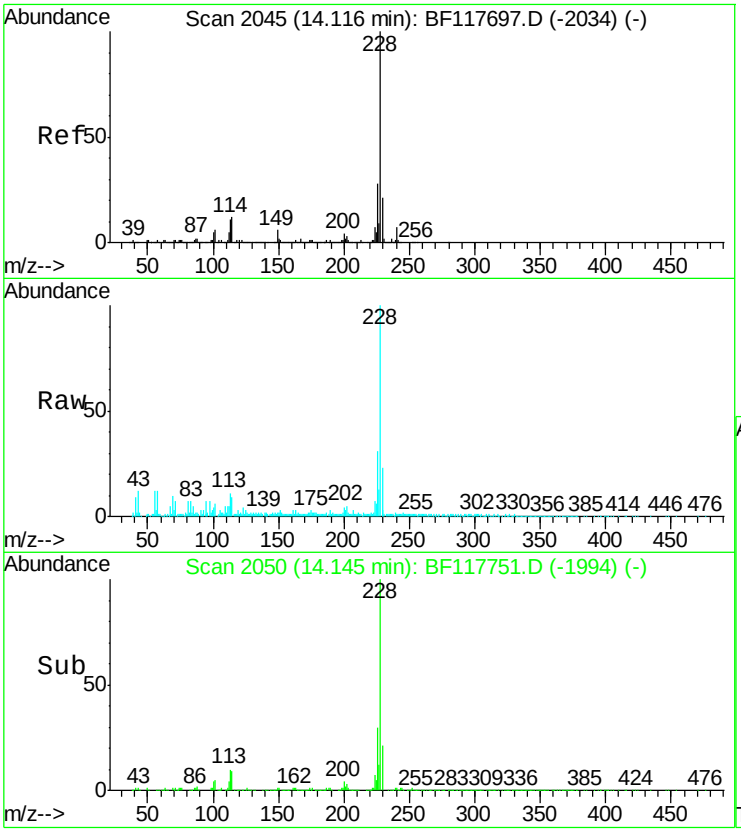


#79
Terphenyl-d14
Concen: 33.886 ng
RT: 13.06 min Scan# 1865
Delta R.T. -0.01 min
Lab File: BF117751.D
Acq: 9 Nov 2019 00:18

Tgt Ion:244 Resp: 1083366

Ion	Ratio	Lower	Upper
244	100		
212	7.2	6.4	9.6
122	12.9	10.0	15.0



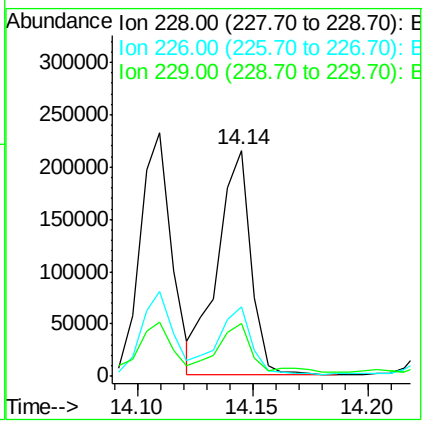


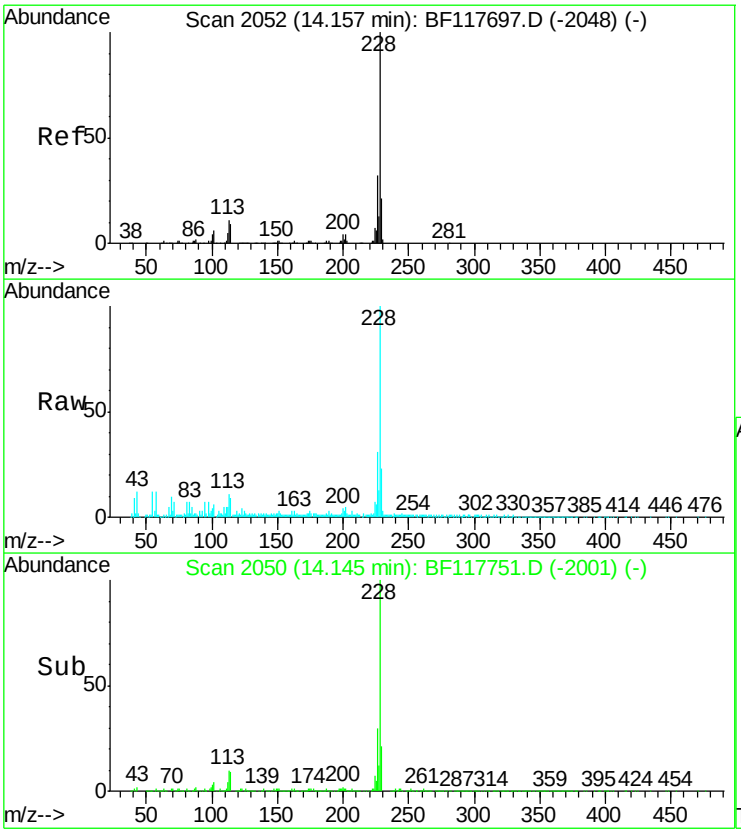
#81
Benzo(a)anthracene
Concen: 5.234 ng
RT: 14.14 min Scan# 2050
Delta R.T. 0.03 min
Lab File: BF117751.D
Acq: 9 Nov 2019 00:18

Instrument :
BNA_F
ClientSampleId :
SU-04-110619

Tgt Ion:228 Resp: 214414

Ion	Ratio	Lower	Upper
228	100		
226	31.0	22.8	34.2
229	23.3	16.9	25.3

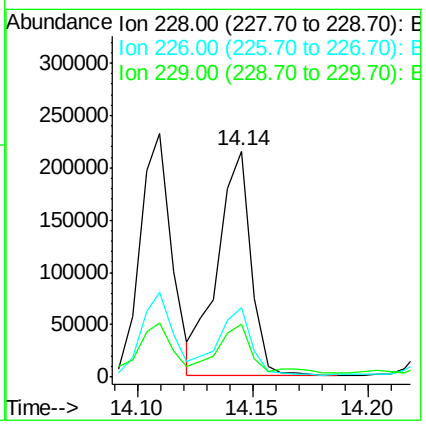


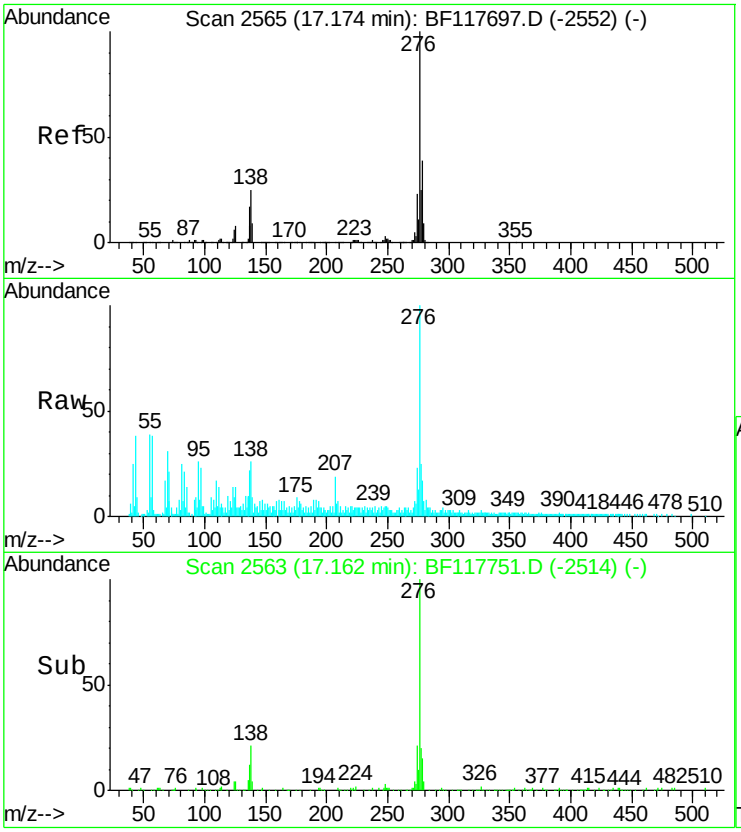


#83
Chrysene
Concen: 5.300 ng
RT: 14.14 min Scan# 2050
Delta R.T. -0.01 min
Lab File: BF117751.D
Acq: 9 Nov 2019 00:18

Tgt Ion:228 Resp: 214414

Ion	Ratio	Lower	Upper
228	100		
226	31.0	25.4	38.2
229	23.3	16.6	24.8



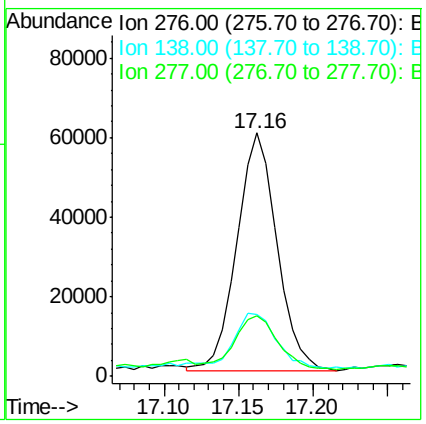


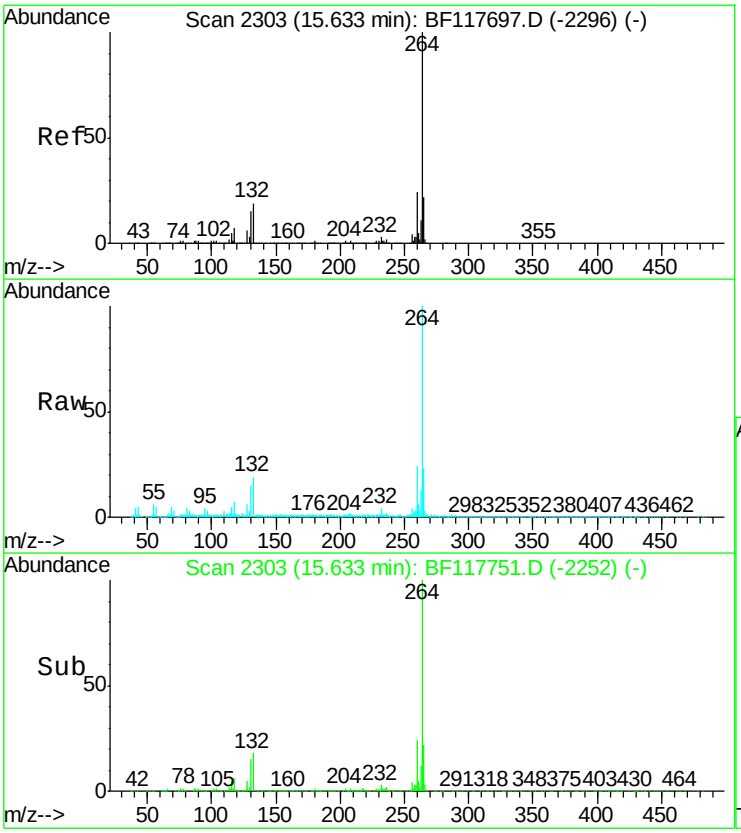
#86
Indeno(1,2,3-cd)pyrene
Concen: 2.941 ng
RT: 17.16 min Scan# 2563
Delta R.T. -0.01 min
Lab File: BF117751.D
Acq: 9 Nov 2019 00:18

Instrument :
BNA_F
ClientSampleId :
SU-04-110619

Tgt Ion:276 Resp: 110724

Ion	Ratio	Lower	Upper
276	100		
138	23.4	22.4	33.6
277	23.9	20.6	30.8

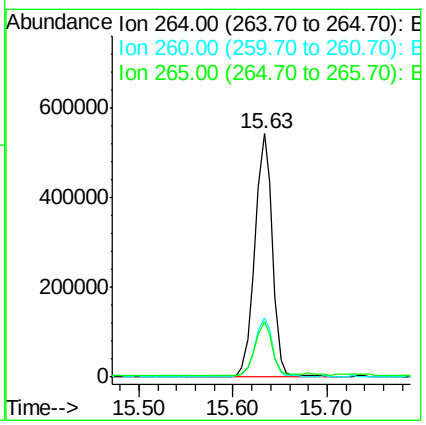


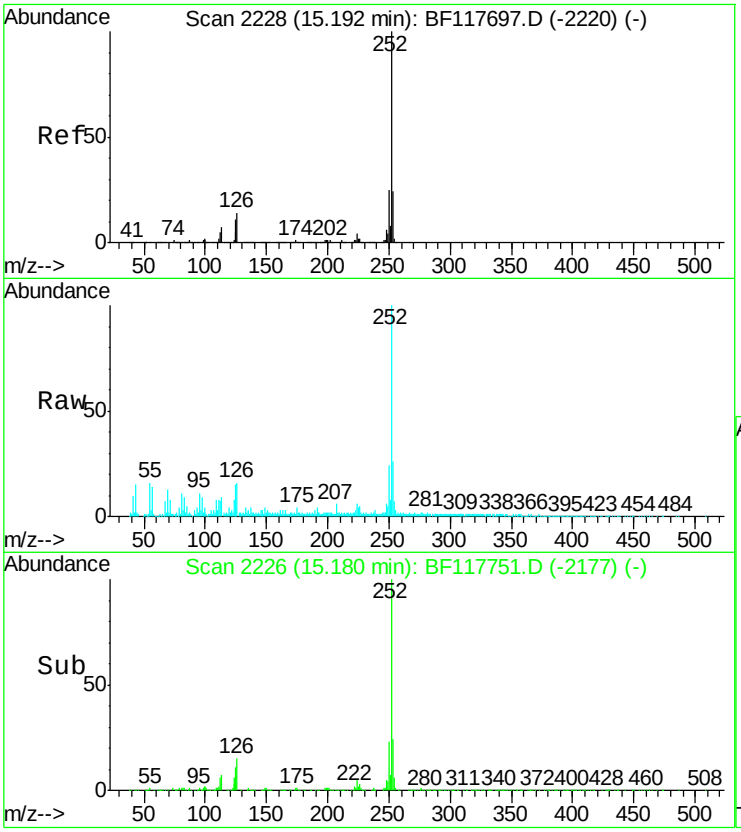


#87
Perylene-d12
Concen: 20.000 ng
RT: 15.63 min Scan# 2303
Delta R.T. -0.00 min
Lab File: BF117751.D
Acq: 9 Nov 2019 00:18

Tgt Ion:264 Resp: 696458

Ion	Ratio	Lower	Upper
264	100		
260	24.3	18.8	28.2
265	22.8	17.7	26.5



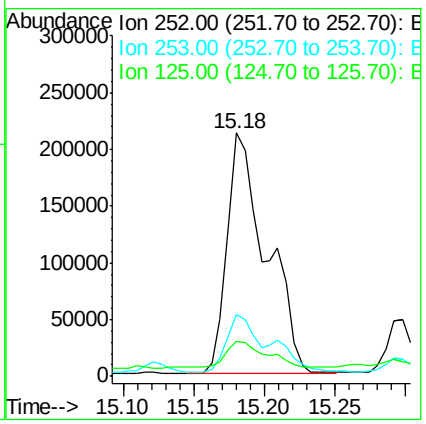


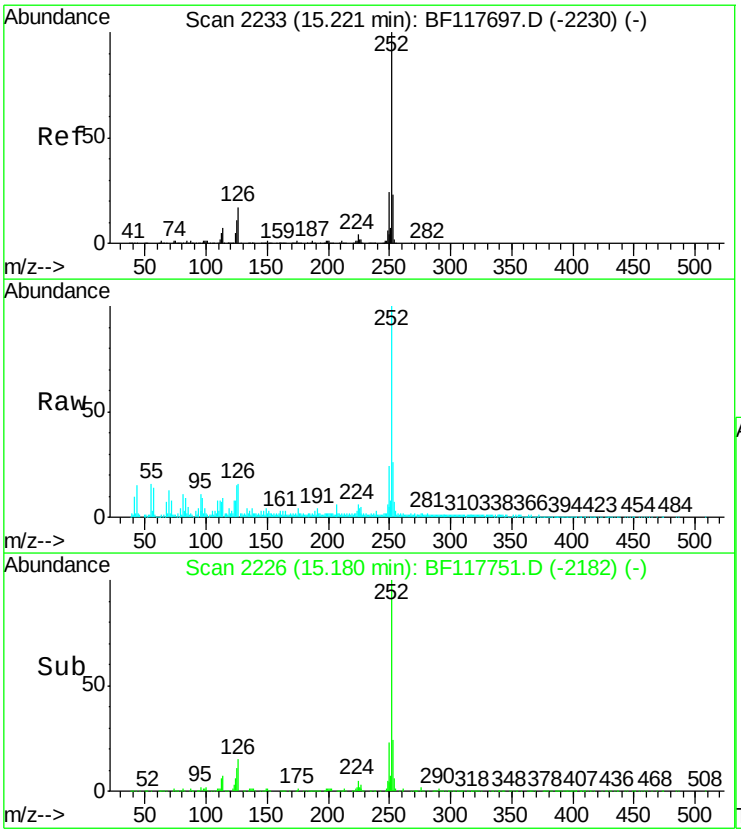
#88
Benzo(b)fluoranthene
Concen: 9.456 ng
RT: 15.18 min Scan# 2226
Delta R.T. -0.01 min
Lab File: BF117751.D
Acq: 9 Nov 2019 00:18

Instrument :
BNA_F
ClientSampleId :
SU-04-110619

Tgt Ion:252 Resp: 414764

Ion	Ratio	Lower	Upper
252	100		
253	25.6	18.9	28.3
125	14.5	8.5	12.7#

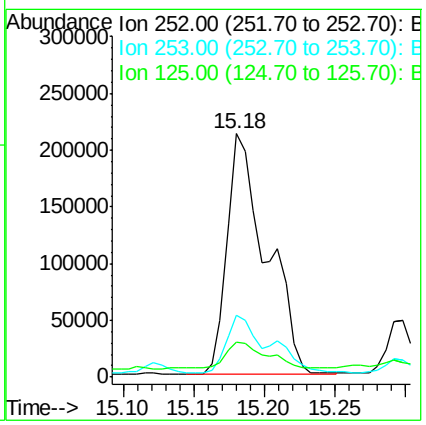


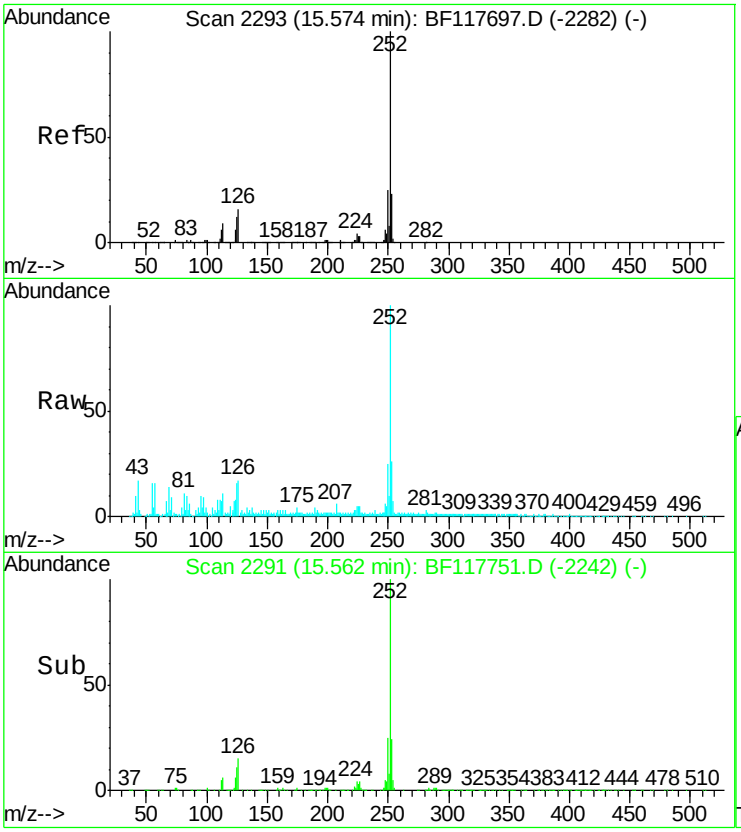


#89
Benzo(k)fluoranthene
Concen: 10.602 ng
RT: 15.18 min Scan# 2226
Delta R.T. -0.04 min
Lab File: BF117751.D
Acq: 9 Nov 2019 00:18

Tgt Ion:252 Resp: 414764

Ion	Ratio	Lower	Upper
252	100		
253	25.6	17.9	26.9
125	14.5	9.1	13.7#



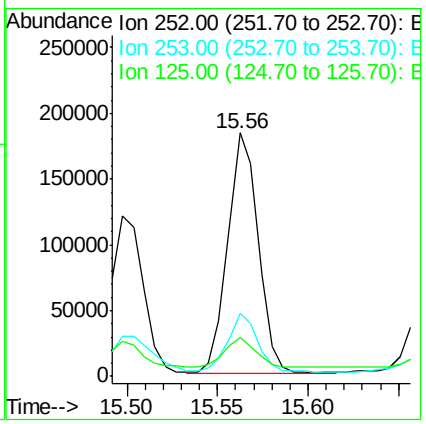


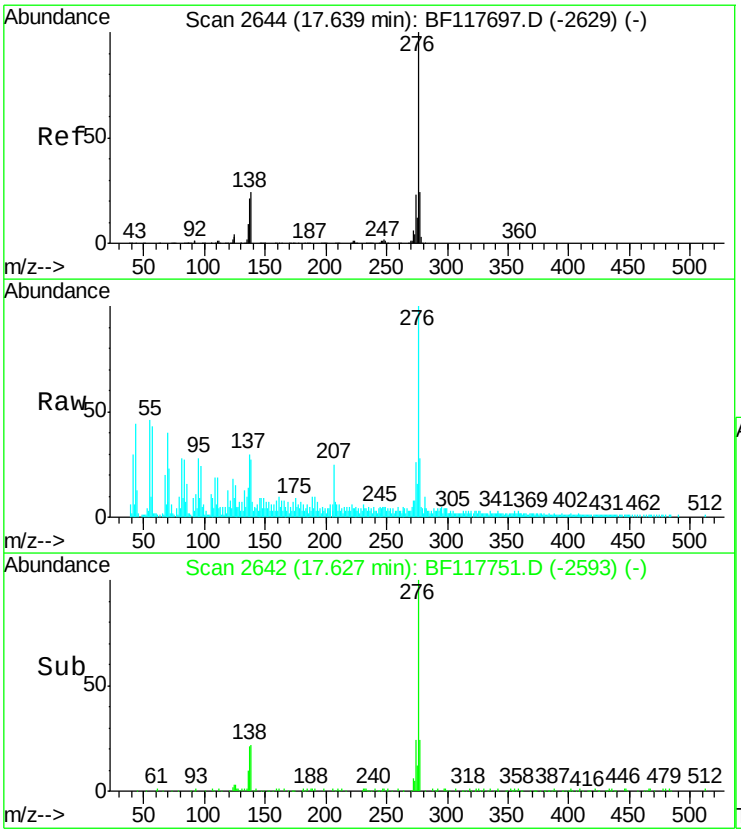
#90
Benzo(a)pyrene
Concen: 5.689 ng
RT: 15.56 min Scan# 2291
Delta R.T. -0.01 min
Lab File: BF117751.D
Acq: 9 Nov 2019 00:18

Instrument :
BNA_F
ClientSampleId :
SU-04-110619

Tgt Ion:252 Resp: 216336

Ion	Ratio	Lower	Upper
252	100		
253	26.0	18.0	27.0
125	15.8	9.5	14.3#





#92
Benzo(g,h,i)perylene
Concen: 2.999 ng
RT: 17.63 min Scan# 2642
Delta R.T. -0.01 min
Lab File: BF117751.D
Acq: 9 Nov 2019 00:18

Tgt Ion:276 Resp: 99119

Ion	Ratio	Lower	Upper
276	100		
277	28.3	19.4	29.0
138	27.0	19.2	28.8