Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF112618\
Data File : BF110979.D
Acq On : 26 Nov 2018 22:23
Operator : JU/SJ
Sample : J5774-05 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-03-112118-A

Quant Time: Nov 27 02:59:30 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF112618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 26 15:26:09 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	56745	20.00	ng		0.00
21) Naphthalene-d8	8.22	136	208763	20.00	ng		0.00
39) Acenaphthene-d10	9.98	164	81891	20.00	ng		0.00
64) Phenanthrene-d10	11.47	188	148792	20.00	ng		0.00
76) Chrysene-d12	14.13	240	95835	20.00	ng		0.00
87) Perylene-d12	15.67	264	75580	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.56	112	173094	50.58	ng		0.00
7) Phenol-d6	6.56	99	215137	48.25	ng		0.00
23) Nitrobenzene-d5	7.50	82	124845	34.23	ng		0.00
42) 2,4,6-Tribromophenol	10.78	330	38153	46.91	ng		0.00
45) 2-Fluorobiphenyl	9.29	172	211490	37.42	ng		0.00
79) Terphenyl-d14	13.06	244	178173	36.19	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.63	77	489	Below Cal		#	1
10) Phenol	6.58	94	11395	2.269	ng		92
19) n-Nitroso-di-n-propylamine	7.50	70	15635	5.383	ng	#	84
25) Isophorone	7.50	82	124845	20.865	ng	#	67
50) Dimethylphthalate	9.69	163	28311	4.714	ng		98
51) 2,6-Dinitrotoluene	9.98	165	10863	8.125	ng	#	21
52) Acenaphthene	10.01	154	14324	2.870	ng		95
56) 4-Nitrophenol	10.19	139	5138	9.854	ng	#	6
57) 2,4-Dinitrotoluene	9.98	165	10863	6.262	ng	#	17
58) Fluorene	10.53	166	23826	4.207	ng		99
71) Phenanthrene	11.50	178	147927	18.771	ng		99
72) Anthracene	11.56	178	47720	5.946	ng		97
75) Fluoranthene	12.70	202	165698	20.458	ng		99
78) Pyrene	12.93	202	170061	24.296	ng		97
81) Benzo(a)anthracene	14.12	228	54642	9.658	ng		97
83) Chrysene	14.16	228	51043	9.164	ng		98
86) Indeno(1,2,3-cd)pyrene	17.27	276	17328	4.334	ng		96
88) Benzo(b)fluoranthene	15.22	252	55908	12.592	ng	#	94
89) Benzo(k)fluoranthene	15.22	252	55908	12.234	ng	#	93
90) Benzo(a)pyrene	15.61	252	33323	8.063	ng	#	94
92) Benzo(g,h,i)perylene	17.76	276	18971	5.770	ng	#	85

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

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SU-03-112118-A

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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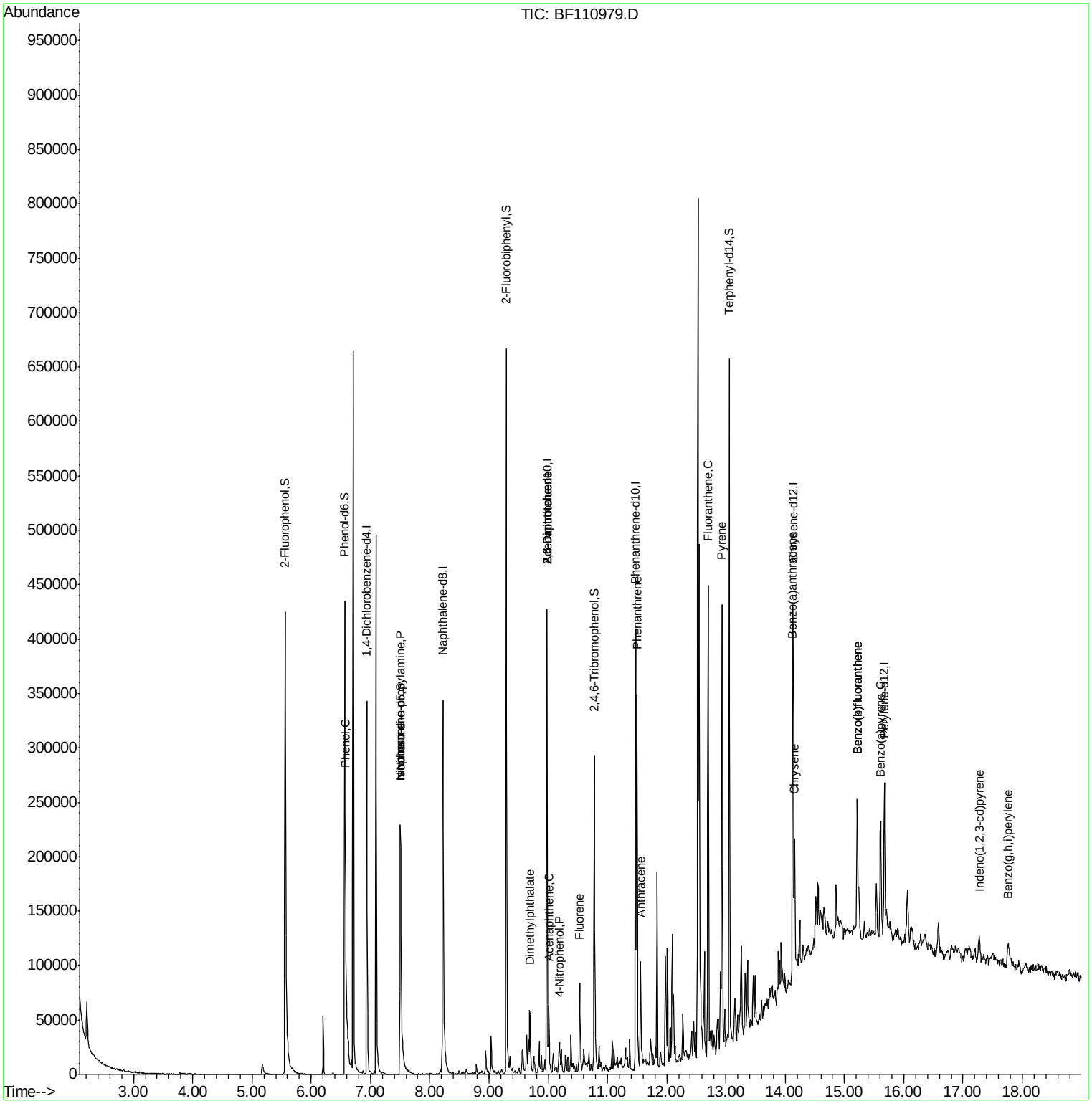
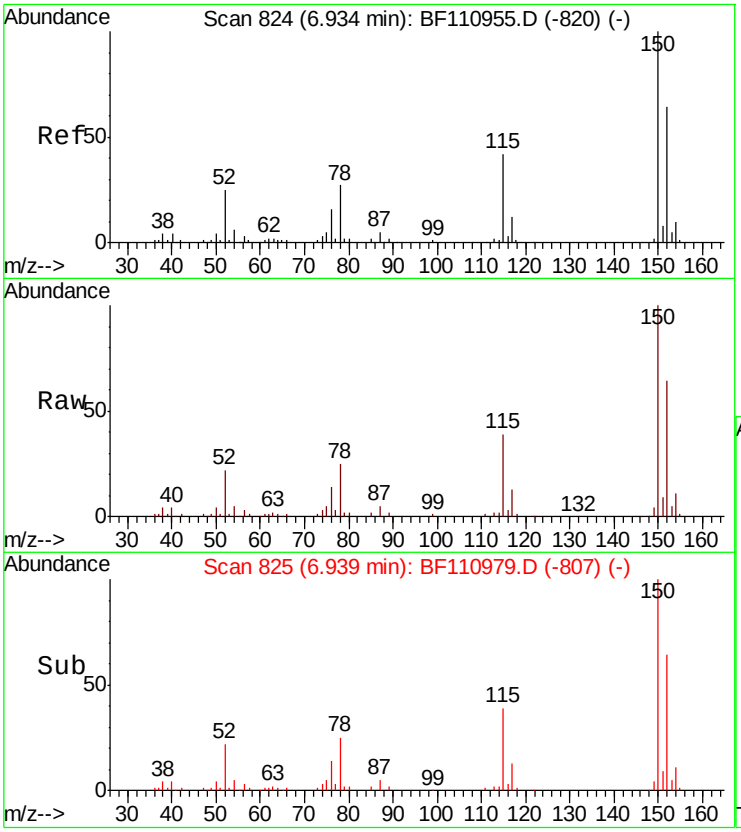


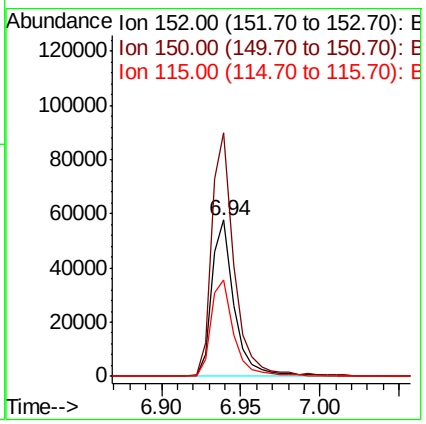


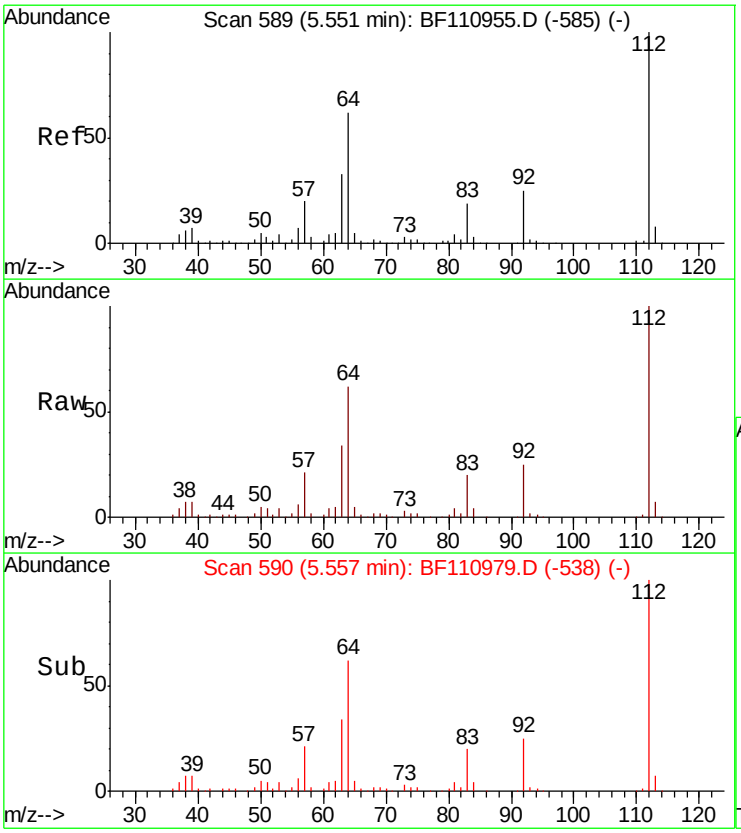
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.94 min Scan# 825
Delta R.T. 0.01 min
Lab File: BF110979.D
Acq: 26 Nov 2018 22:23

Instrument :
BNA_F
ClientSampleId :
SU-03-112118-A

Tgt Ion:152 Resp: 56745

Ion	Ratio	Lower	Upper
152	100		
150	156.0	122.7	184.1
115	61.4	49.1	73.7

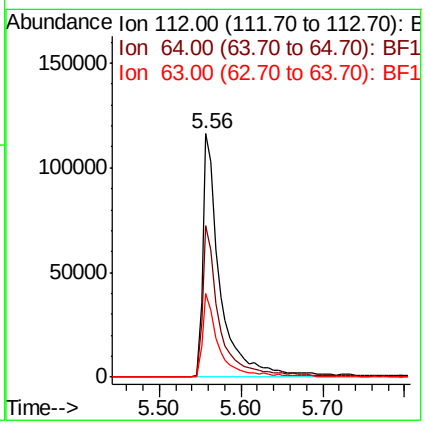


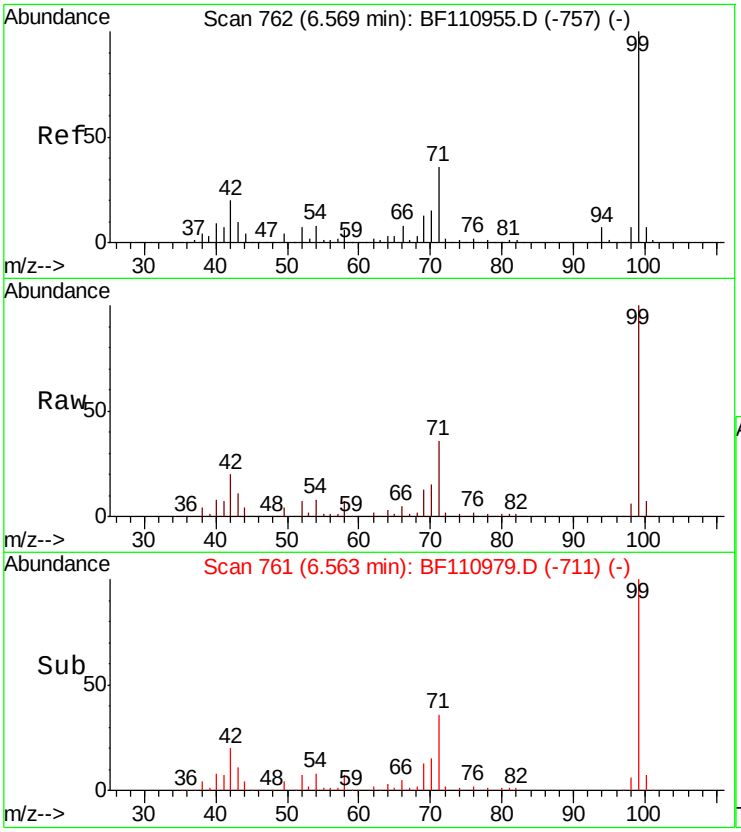


#5
2-Fluorophenol
Concen: 50.585 ng
RT: 5.56 min Scan# 590
Delta R.T. 0.01 min
Lab File: BF110979.D
Acq: 26 Nov 2018 22:23

Tgt Ion:112 Resp: 173094

Ion	Ratio	Lower	Upper
112	100		
64	62.1	44.1	66.1
63	34.5	23.7	35.5



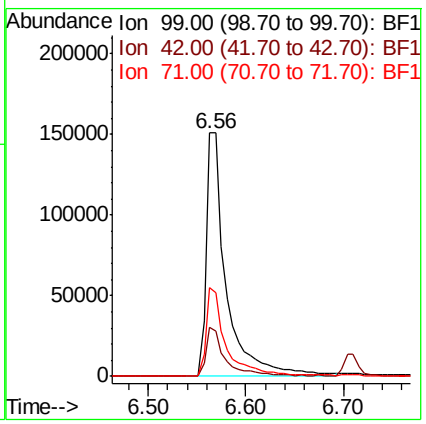


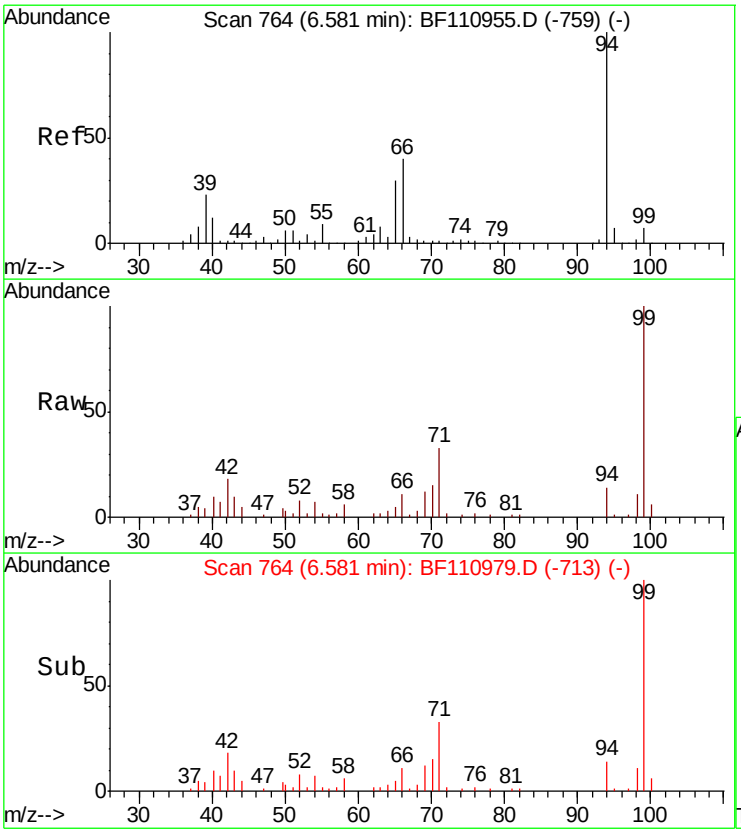
#7
Phenol-d6
Concen: 48.245 ng
RT: 6.56 min Scan# 761
Delta R.T. -0.01 min
Lab File: BF110979.D
Acq: 26 Nov 2018 22:23

Instrument :
BNA_F
ClientSampleId :
SU-03-112118-A

Tgt Ion: 99 Resp: 215137

Ion	Ratio	Lower	Upper
99	100		
42	20.1	15.8	23.6
71	36.3	28.0	42.0

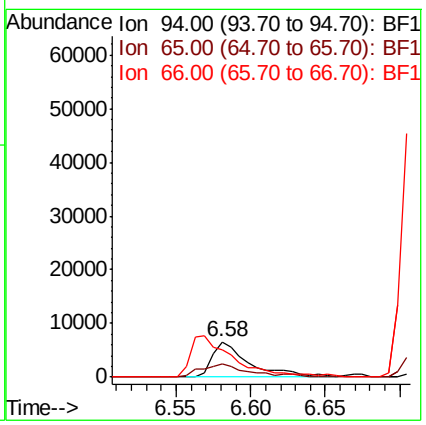


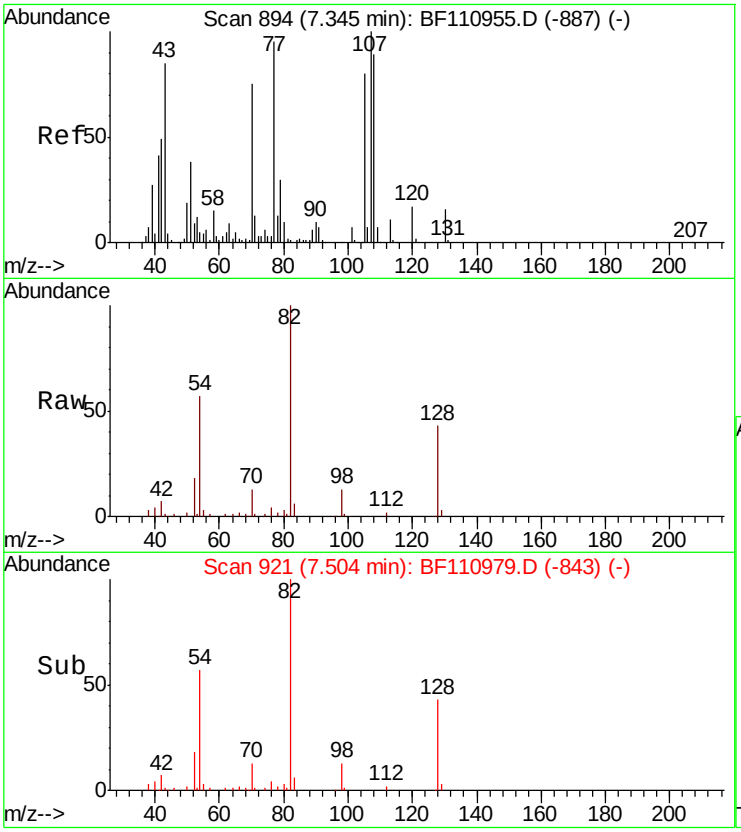


#10
Phenol
Concen: 2.269 ng
RT: 6.58 min Scan# 764
Delta R.T. -0.00 min
Lab File: BF110979.D
Acq: 26 Nov 2018 22:23

Tgt Ion: 94 Resp: 11395

Ion	Ratio	Lower	Upper
94	100		
65	35.9	25.3	65.3
66	78.1	54.5	94.5



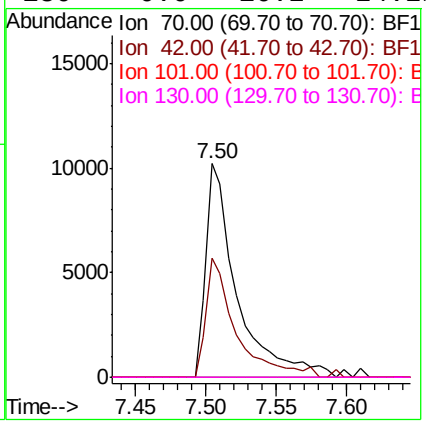


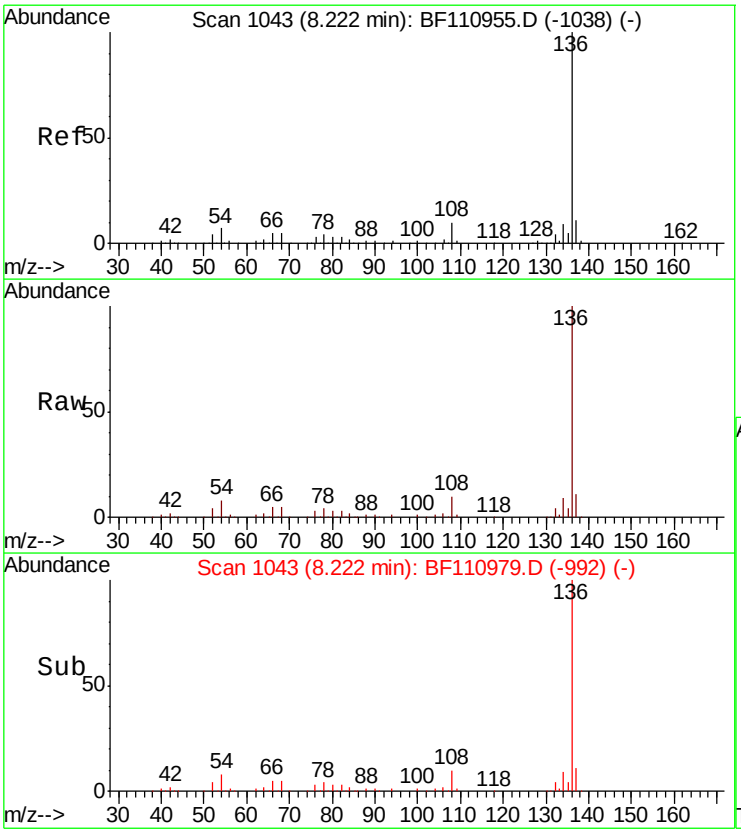
#19
n-Nitroso-di-n-propylamine
Concen: 5.383 ng
RT: 7.50 min Scan# 921
Delta R.T. 0.16 min
Lab File: BF110979.D
Acq: 26 Nov 2018 22:23

Instrument :
BNA_F
ClientSampleId :
SU-03-112118-A

Tgt Ion: 70 Resp: 15635

Ion	Ratio	Lower	Upper
70	100		
42	55.6	47.4	71.2
101	0.0	7.3	10.9#
130	0.0	16.2	24.2#

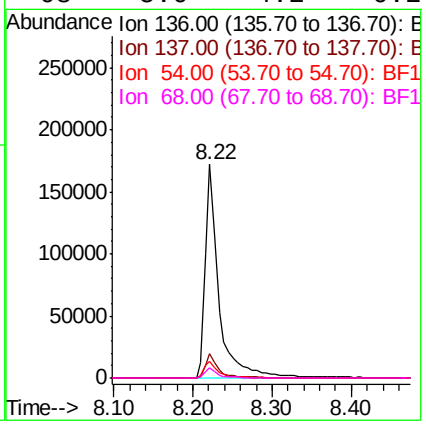


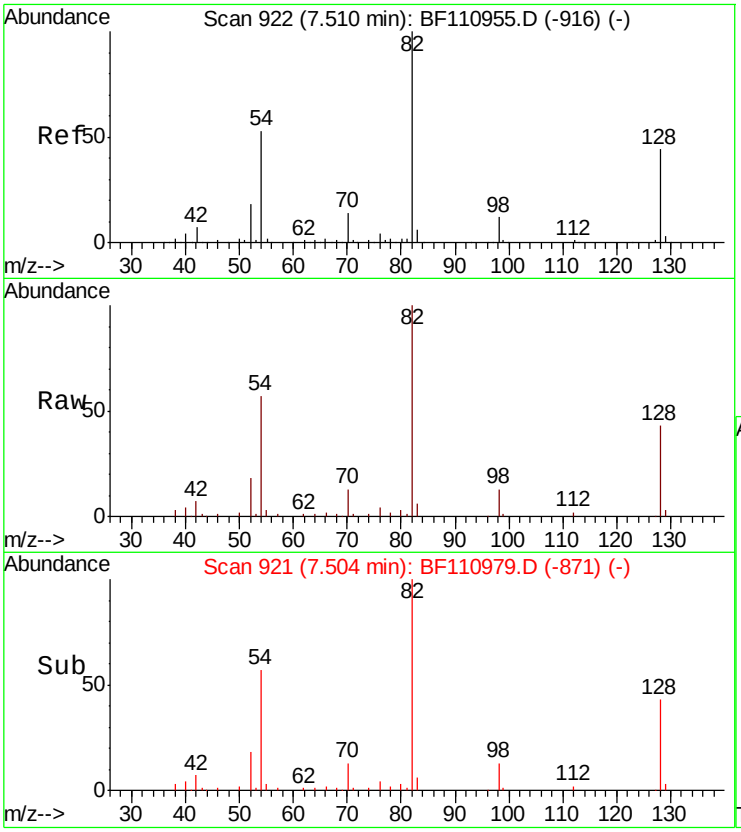


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.22 min Scan# 1043
Delta R.T. -0.00 min
Lab File: BF110979.D
Acq: 26 Nov 2018 22:23

Tgt Ion:136 Resp: 208763

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	7.9	5.4	8.2
68	5.0	4.2	6.2



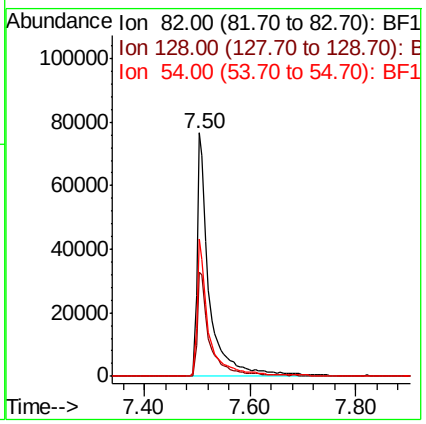


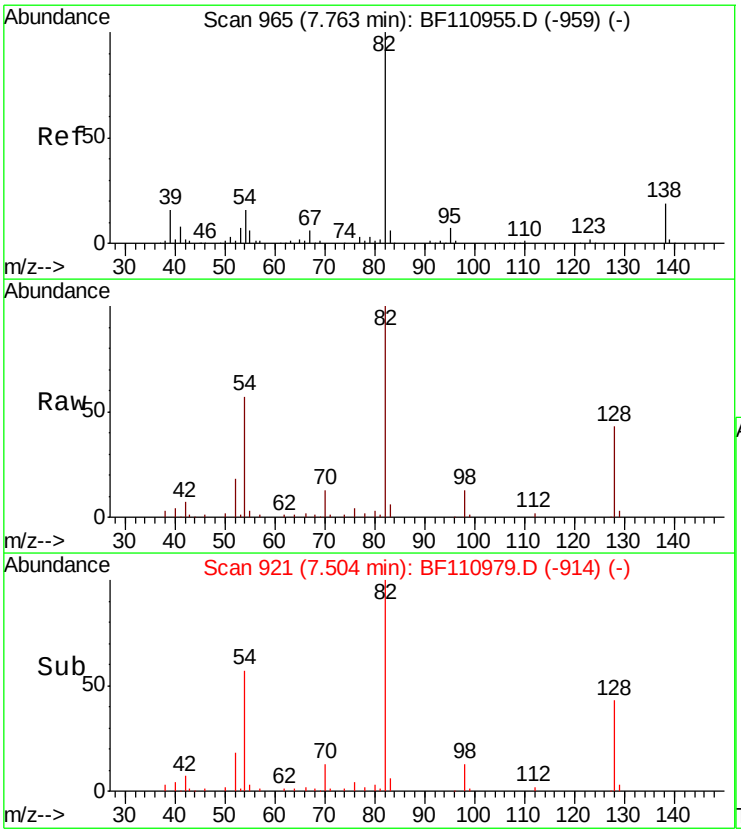
#23
Nitrobenzene-d5
Concen: 34.225 ng
RT: 7.50 min Scan# 921
Delta R.T. -0.01 min
Lab File: BF110979.D
Acq: 26 Nov 2018 22:23

Instrument :
BNA_F
ClientSampleId :
SU-03-112118-A

Tgt Ion: 82 Resp: 124845

Ion	Ratio	Lower	Upper
82	100		
128	42.9	34.2	51.2
54	56.6	38.6	58.0

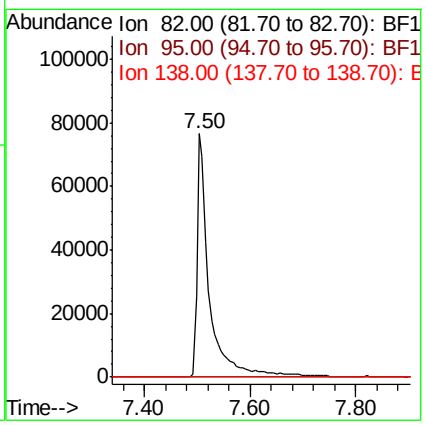


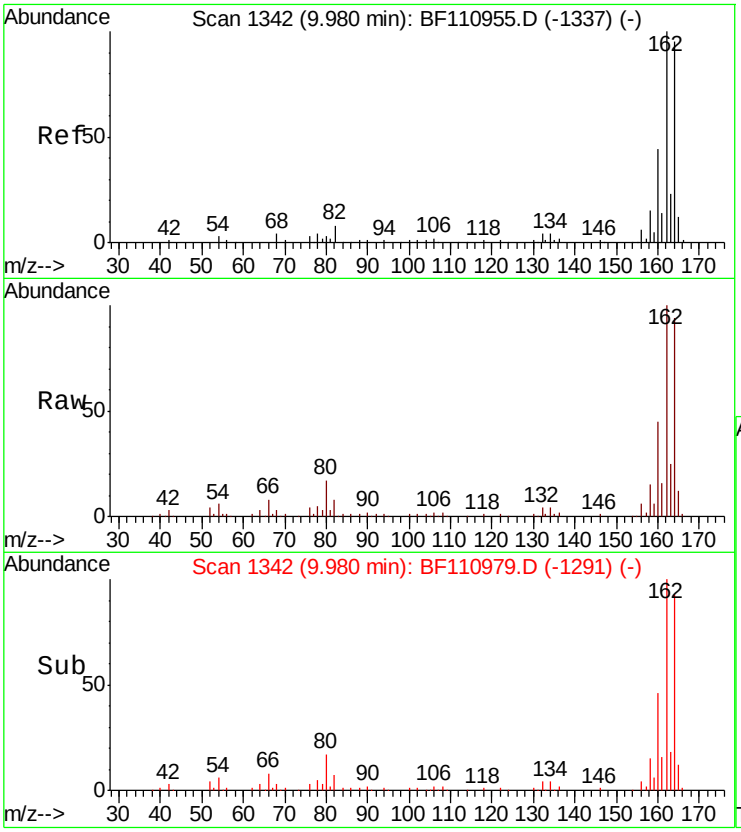


#25
Isophorone
Concen: 20.865 ng
RT: 7.50 min Scan# 921
Delta R.T. -0.26 min
Lab File: BF110979.D
Acq: 26 Nov 2018 22:23

Tgt Ion: 82 Resp: 124845

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.7	8.5#
138	0.0	13.2	19.8#



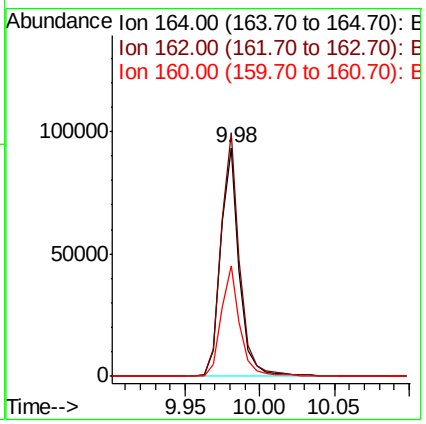


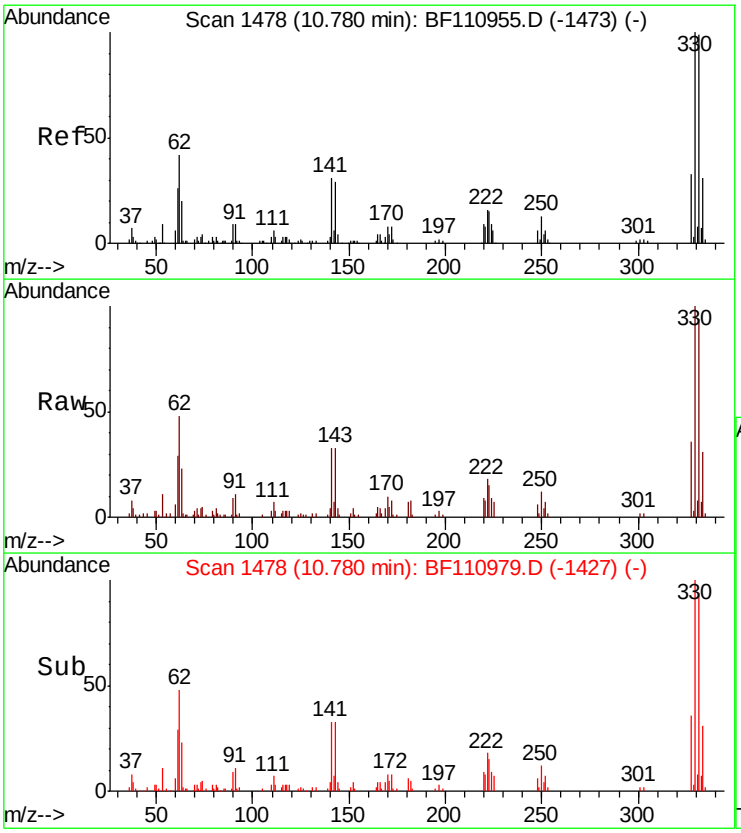
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.98 min Scan# 1342
Delta R.T. 0.00 min
Lab File: BF110979.D
Acq: 26 Nov 2018 22:23

Instrument :
BNA_F
ClientSampleId :
SU-03-112118-A

Tgt Ion:164 Resp: 81891

Ion	Ratio	Lower	Upper
164	100		
162	106.7	83.0	124.6
160	48.4	37.0	55.6

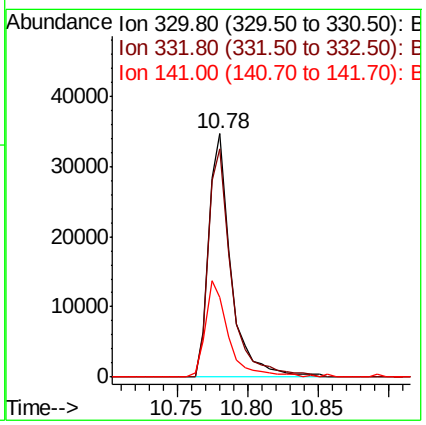


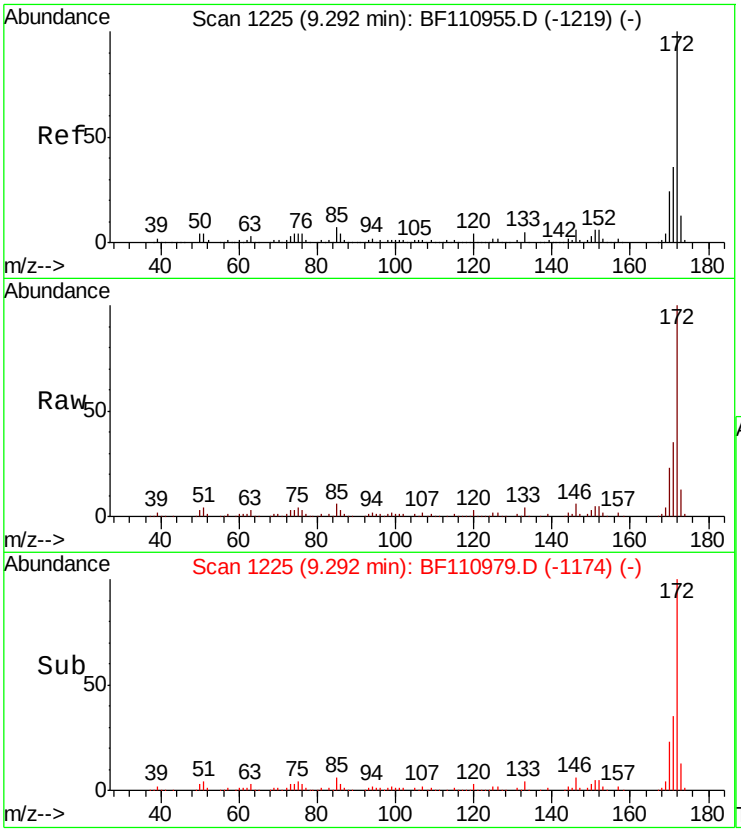


#42
2,4,6-Tribromophenol
Concen: 46.912 ng
RT: 10.78 min Scan# 1478
Delta R.T. -0.00 min
Lab File: BF110979.D
Acq: 26 Nov 2018 22:23

Tgt Ion:330 Resp: 38153

Ion	Ratio	Lower	Upper
330	100		
332	96.2	77.1	115.7
141	40.4	27.0	40.4



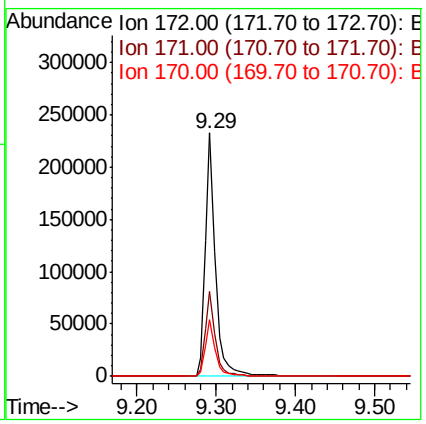


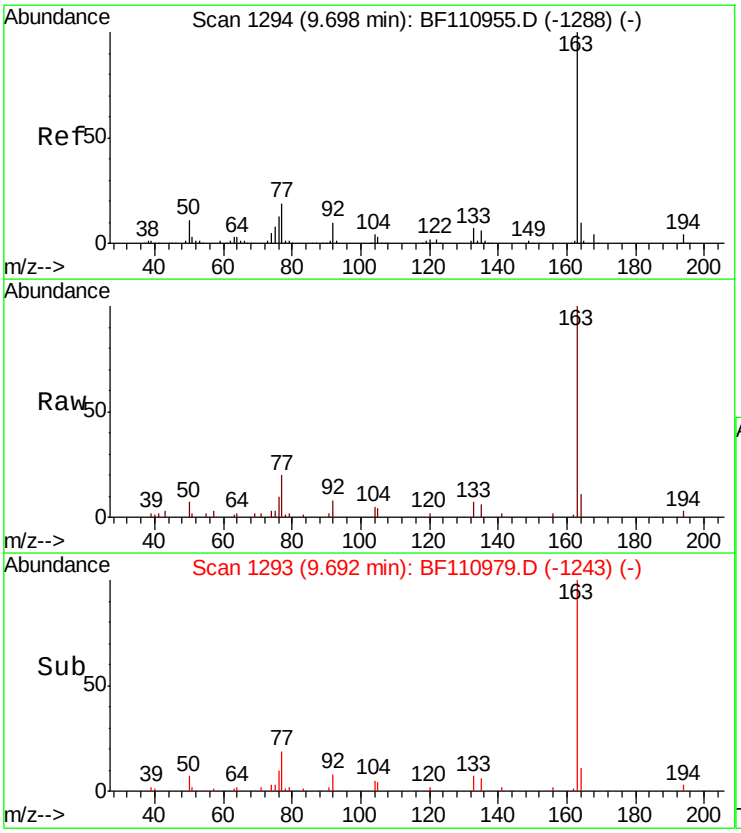
#45
2-Fluorobiphenyl
Concen: 37.416 ng
RT: 9.29 min Scan# 1225
Delta R.T. -0.00 min
Lab File: BF110979.D
Acq: 26 Nov 2018 22:23

Instrument :
BNA_F
ClientSampleId :
SU-03-112118-A

Tgt Ion:172 Resp: 211490

Ion	Ratio	Lower	Upper
172	100		
171	35.0	28.6	43.0
170	23.4	19.7	29.5

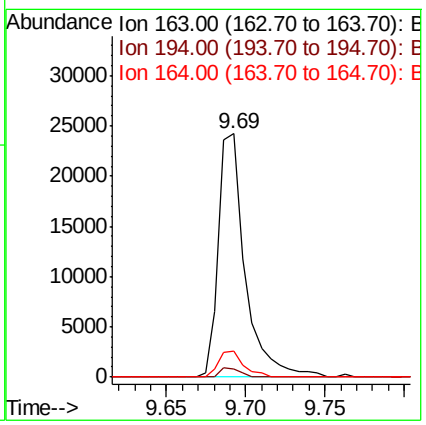


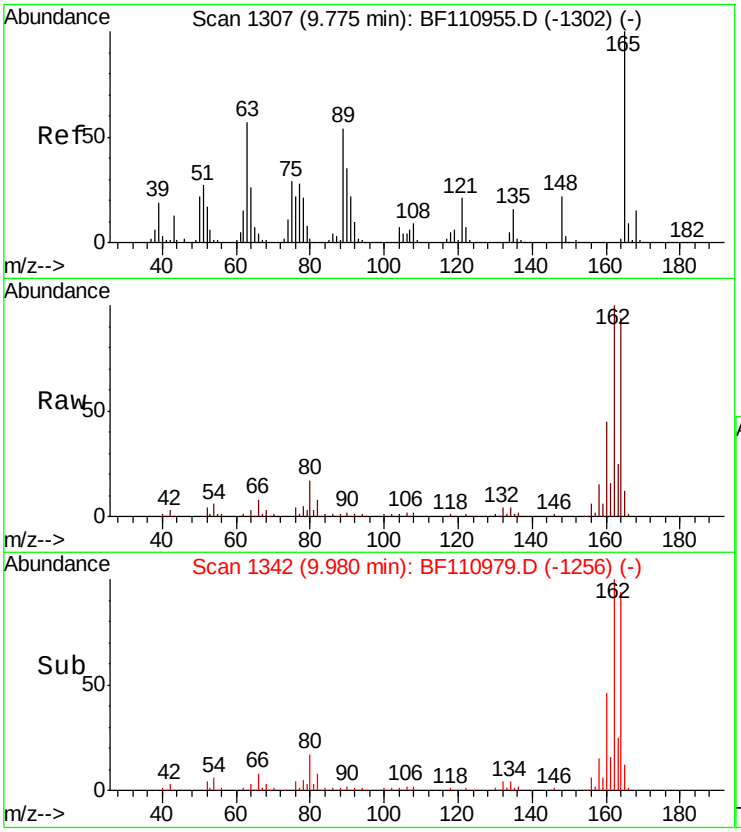


#50
Dimethylphthalate
Concen: 4.714 ng
RT: 9.69 min Scan# 1293
Delta R.T. -0.01 min
Lab File: BF110979.D
Acq: 26 Nov 2018 22:23

Tgt Ion:163 Resp: 28311

Ion	Ratio	Lower	Upper
163	100		
194	3.4	3.2	4.8
164	10.9	8.1	12.1



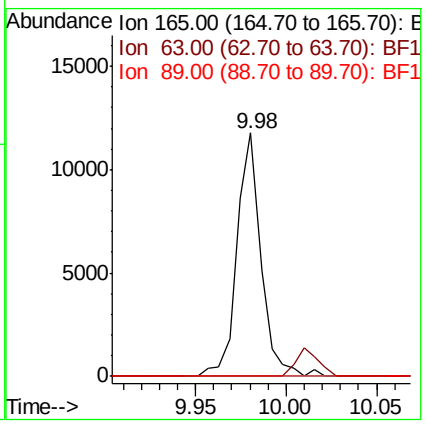


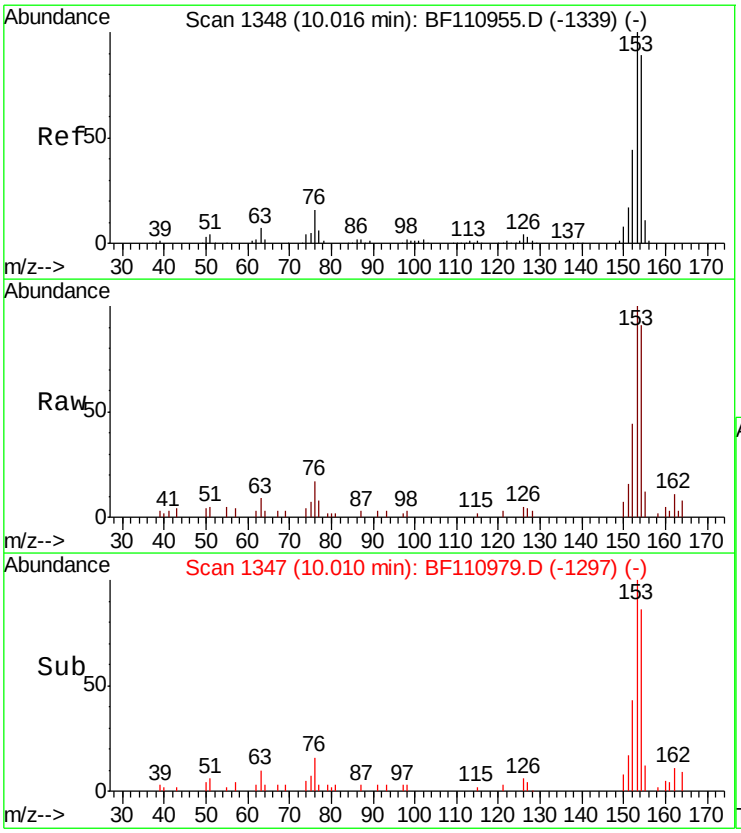
#51
2,6-Dinitrotoluene
Concen: 8.125 ng
RT: 9.98 min Scan# 1342
Delta R.T. 0.21 min
Lab File: BF110979.D
Acq: 26 Nov 2018 22:23

Instrument :
BNA_F
ClientSampleId :
SU-03-112118-A

Tgt Ion:165 Resp: 10863

Ion	Ratio	Lower	Upper
165	100		
63	0.0	48.9	73.3#
89	0.0	46.6	69.8#

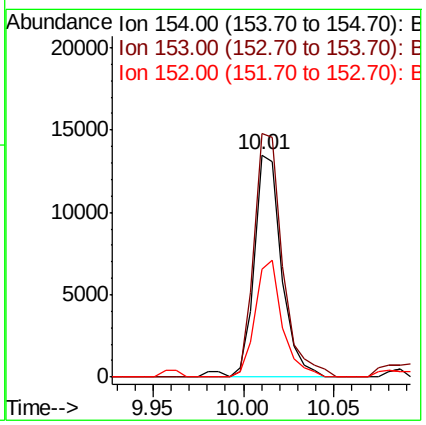


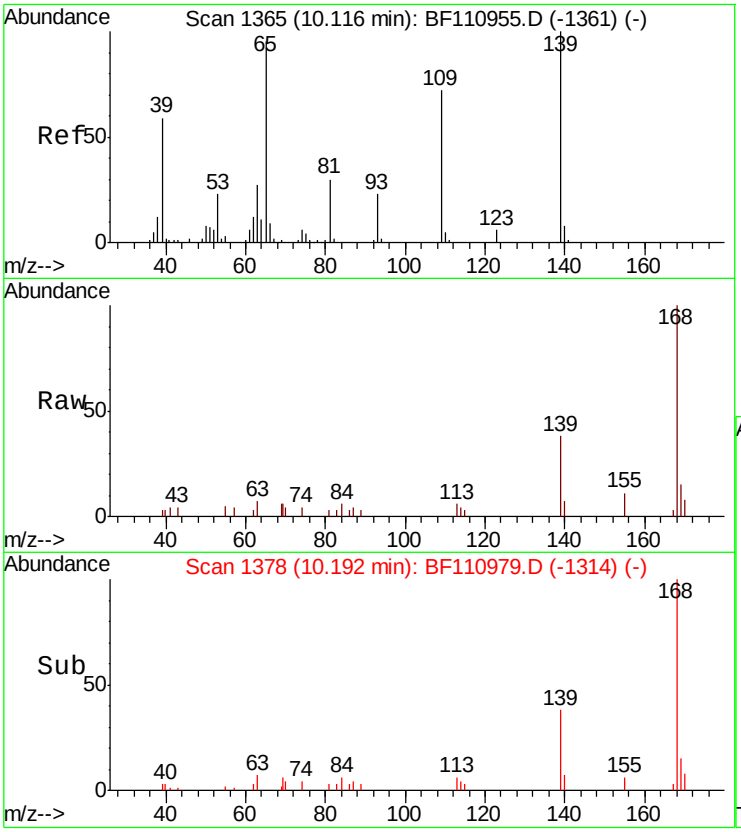


#52
Acenaphthene
Concen: 2.870 ng
RT: 10.01 min Scan# 1347
Delta R.T. -0.01 min
Lab File: BF110979.D
Acq: 26 Nov 2018 22:23

Tgt Ion:154 Resp: 14324

Ion	Ratio	Lower	Upper
154	100		
153	109.6	90.1	135.1
152	48.5	43.4	65.2



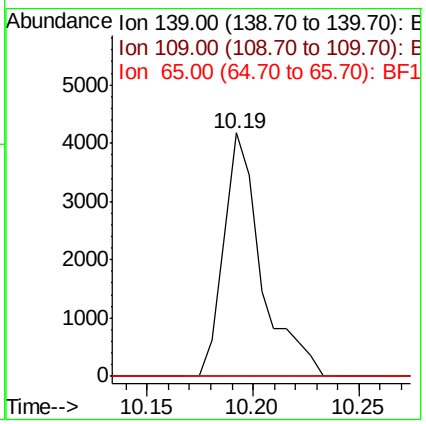


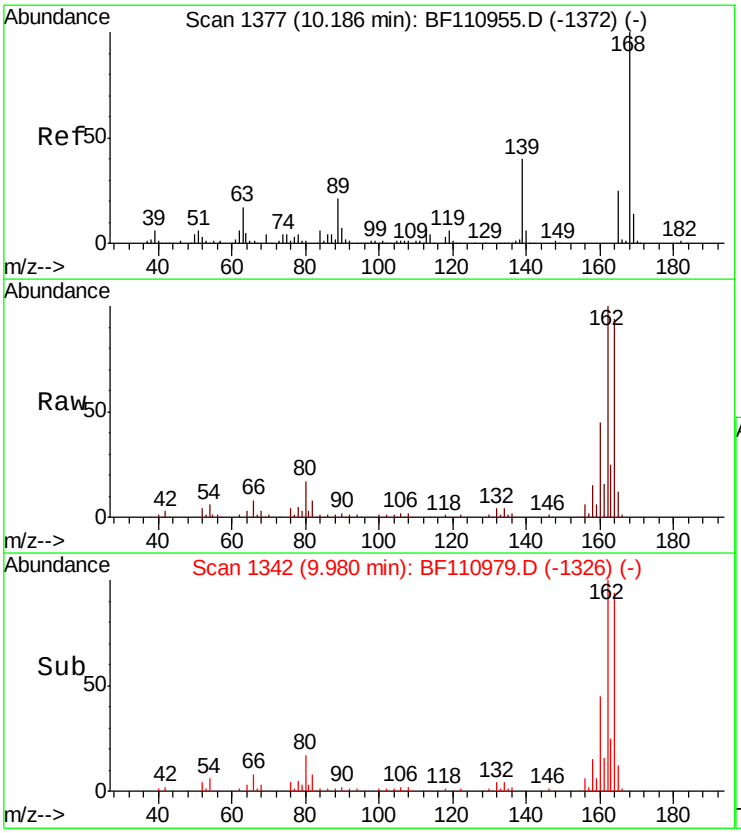
#56
4-Nitrophenol
Concen: 9.854 ng
RT: 10.19 min Scan# 1378
Delta R.T. 0.08 min
Lab File: BF110979.D
Acq: 26 Nov 2018 22:23

Instrument :
BNA_F
ClientSampleId :
SU-03-112118-A

Tgt Ion:139 Resp: 5138

Ion	Ratio	Lower	Upper
139	100		
109	0.0	55.8	95.8#
65	0.0	77.9	117.9#

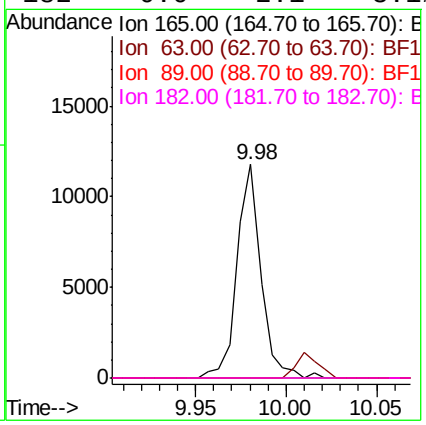


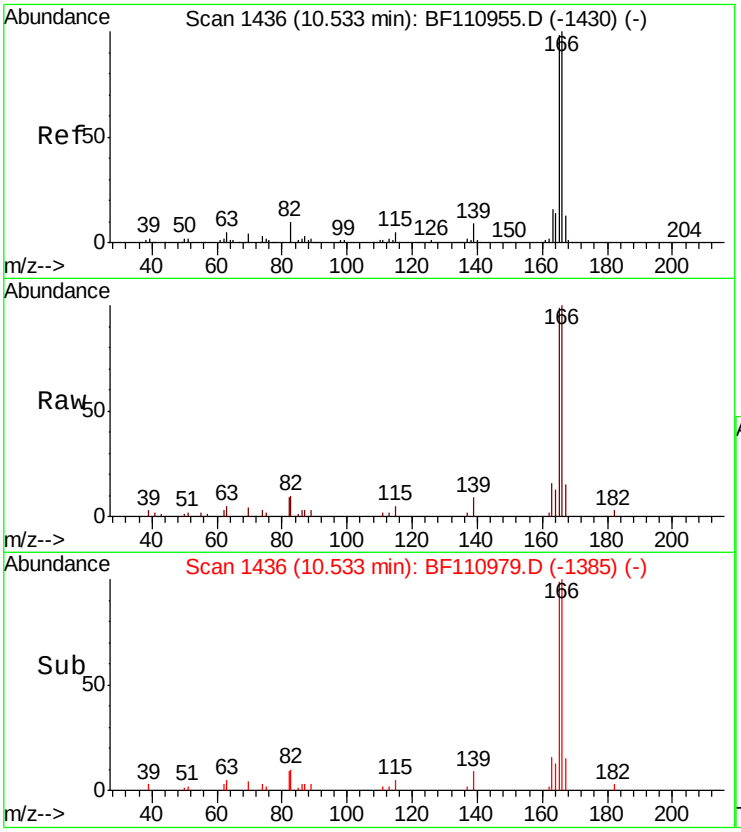


#57
2,4-Dinitrotoluene
Concen: 6.262 ng
RT: 9.98 min Scan# 1342
Delta R.T. -0.21 min
Lab File: BF110979.D
Acq: 26 Nov 2018 22:23

Tgt Ion:165 Resp: 10863

Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.8	67.2#
89	0.0	62.2	93.4#
182	0.0	2.1	3.1#



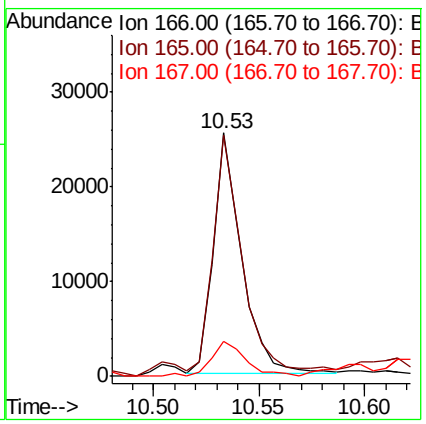


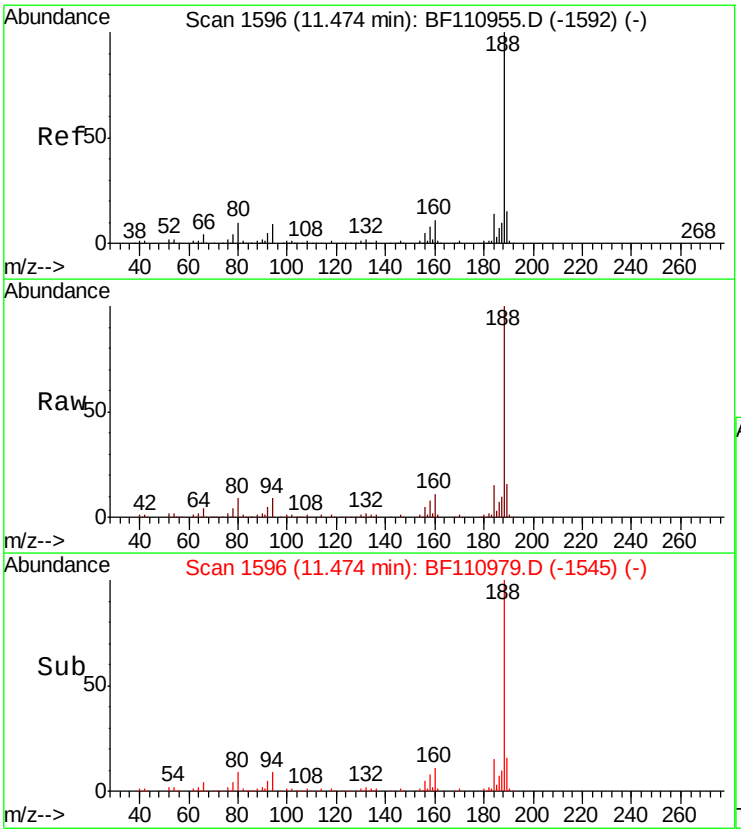
#58
Fluorene
Concen: 4.207 ng
RT: 10.53 min Scan# 1436
Delta R.T. -0.00 min
Lab File: BF110979.D
Acq: 26 Nov 2018 22:23

Instrument :
BNA_F
ClientSampleId :
SU-03-112118-A

Tgt Ion:166 Resp: 23826

Ion	Ratio	Lower	Upper
166	100		
165	98.8	78.6	117.8
167	14.6	10.8	16.2

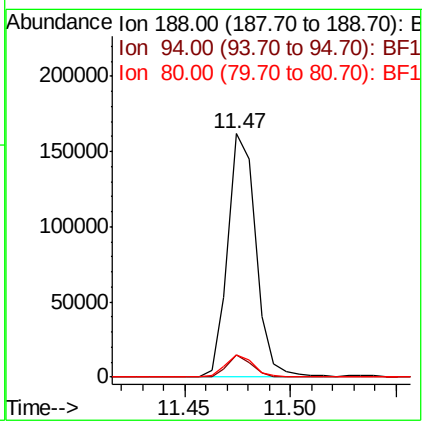


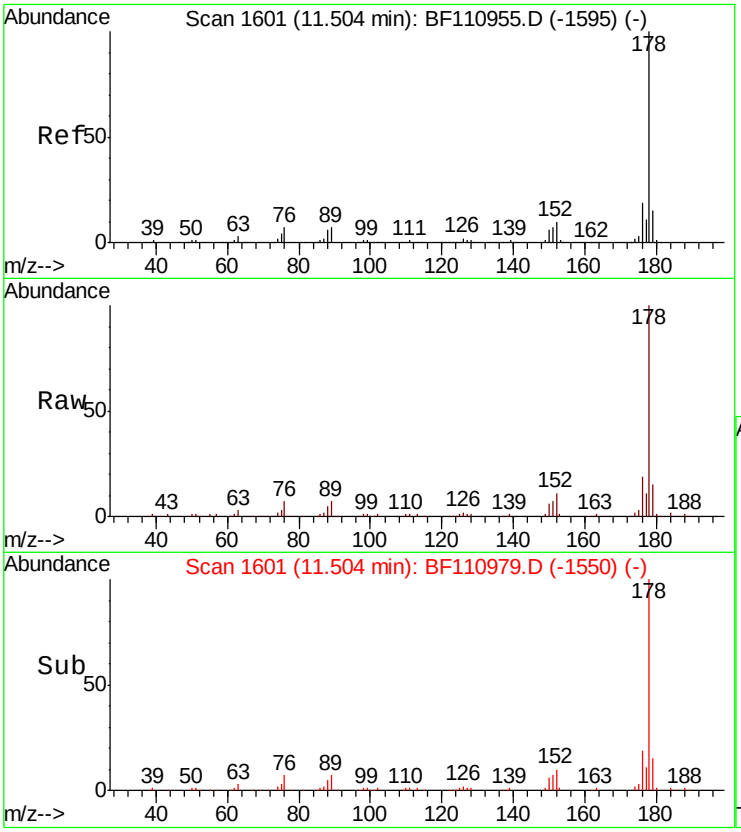


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.47 min Scan# 1596
Delta R.T. -0.00 min
Lab File: BF110979.D
Acq: 26 Nov 2018 22:23

Tgt Ion:188 Resp: 148792

Ion	Ratio	Lower	Upper
188	100		
94	9.2	7.2	10.8
80	9.4	7.9	11.9



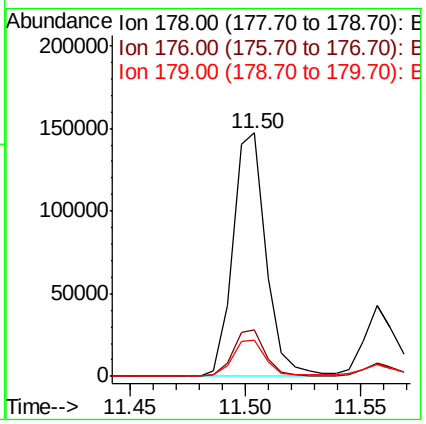


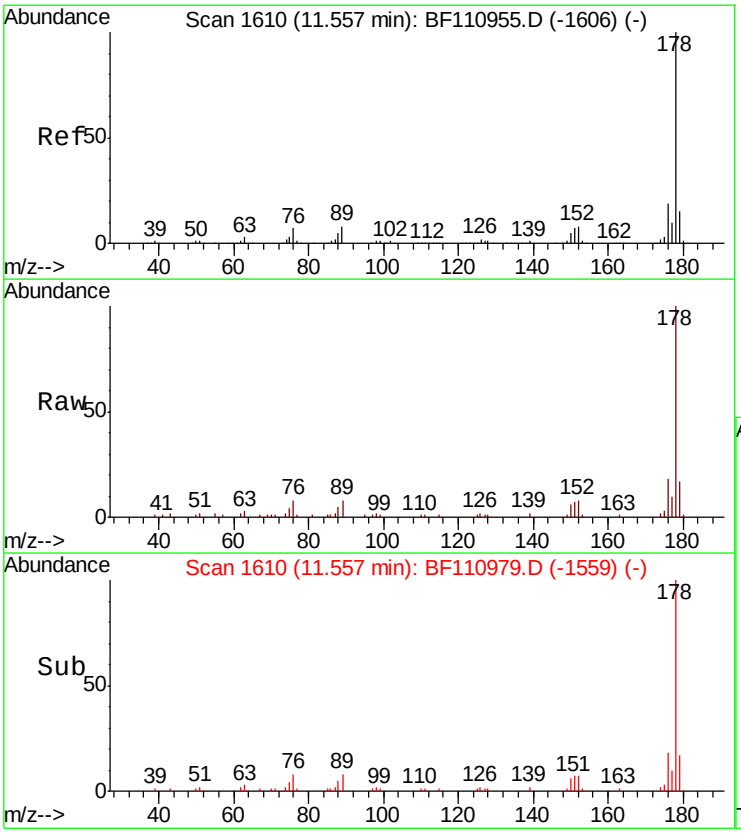
#71
Phenanthrene
Concen: 18.771 ng
RT: 11.50 min Scan# 1601
Delta R.T. -0.00 min
Lab File: BF110979.D
Acq: 26 Nov 2018 22:23

Instrument :
BNA_F
ClientSampleId :
SU-03-112118-A

Tgt Ion:178 Resp: 147927

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.5	23.3
179	14.9	12.5	18.7

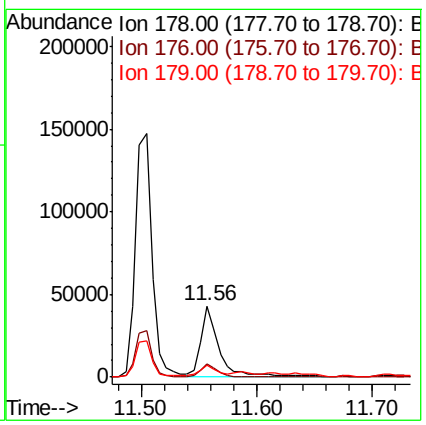


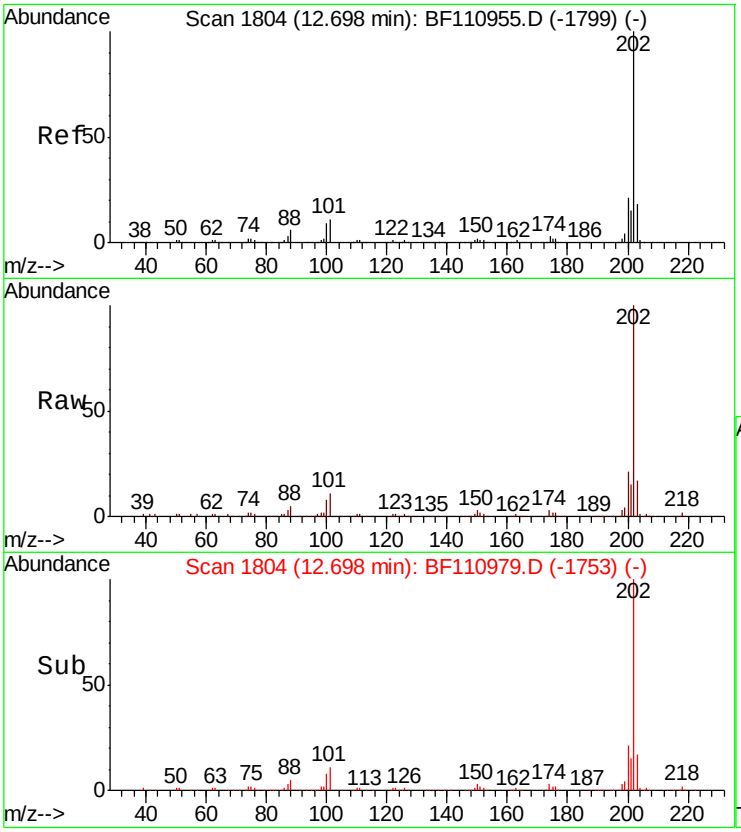


#72
Anthracene
Concen: 5.946 ng
RT: 11.56 min Scan# 1610
Delta R.T. -0.00 min
Lab File: BF110979.D
Acq: 26 Nov 2018 22:23

Tgt Ion:178 Resp: 47720

Ion	Ratio	Lower	Upper
178	100		
176	17.7	15.4	23.2
179	17.2	12.6	18.8



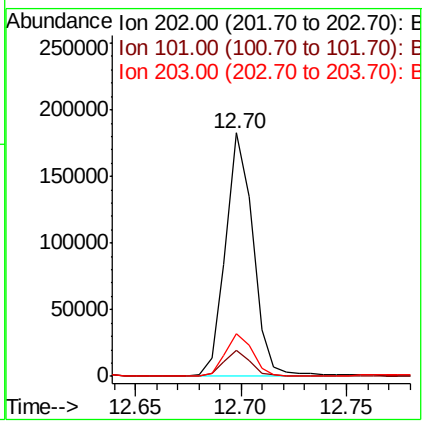


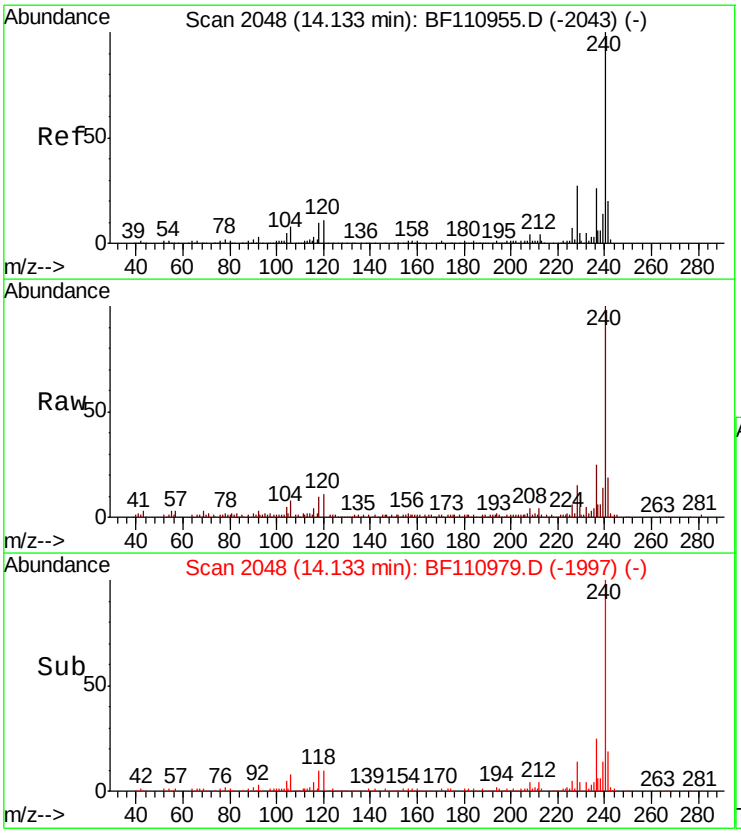
#75
Fluoranthene
Concen: 20.458 ng
RT: 12.70 min Scan# 1804
Delta R.T. -0.00 min
Lab File: BF110979.D
Acq: 26 Nov 2018 22:23

Instrument :
BNA_F
ClientSampleId :
SU-03-112118-A

Tgt Ion:202 Resp: 165698

Ion	Ratio	Lower	Upper
202	100		
101	10.7	0.0	31.4
203	17.5	0.0	37.7

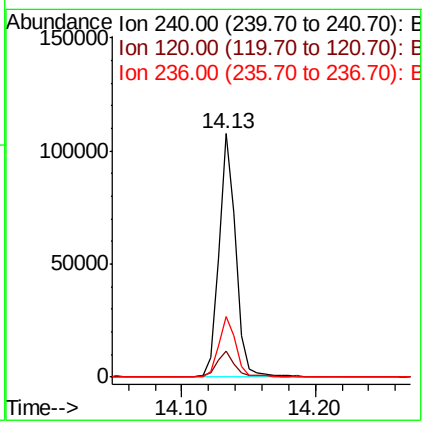


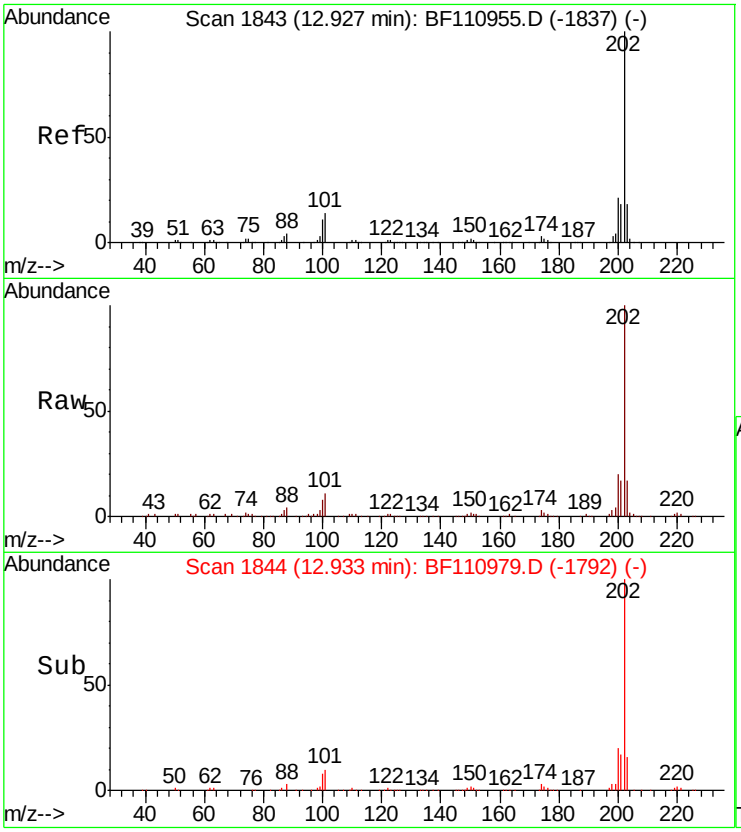


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.13 min Scan# 2048
Delta R.T. -0.00 min
Lab File: BF110979.D
Acq: 26 Nov 2018 22:23

Tgt Ion:240 Resp: 95835

Ion	Ratio	Lower	Upper
240	100		
120	10.6	8.3	12.5
236	25.1	21.2	31.8



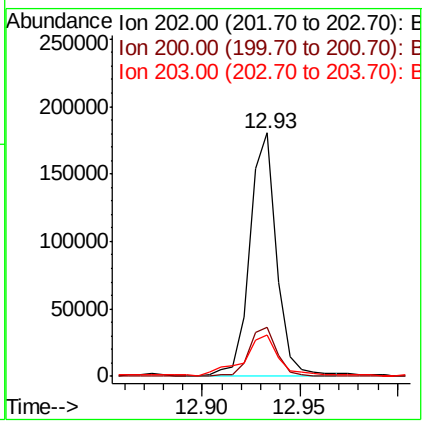


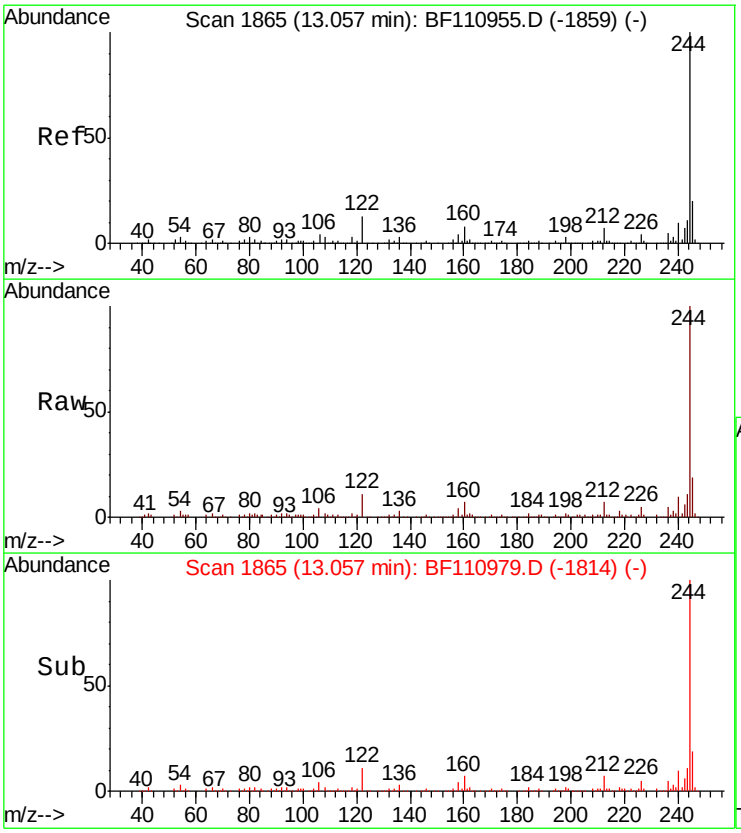
#78
Pyrene
Concen: 24.296 ng
RT: 12.93 min Scan# 1844
Delta R.T. 0.01 min
Lab File: BF110979.D
Acq: 26 Nov 2018 22:23

Instrument :
BNA_F
ClientSampleId :
SU-03-112118-A

Tgt Ion:202 Resp: 170061

Ion	Ratio	Lower	Upper
202	100		
200	20.1	17.8	26.6
203	17.0	14.2	21.4

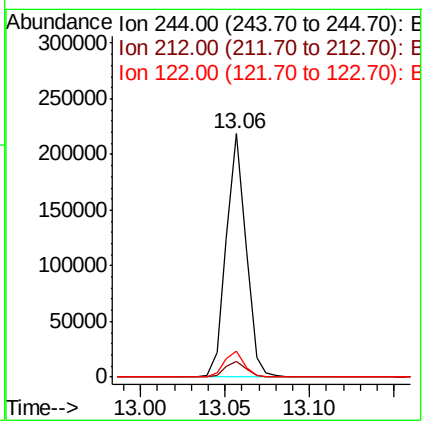


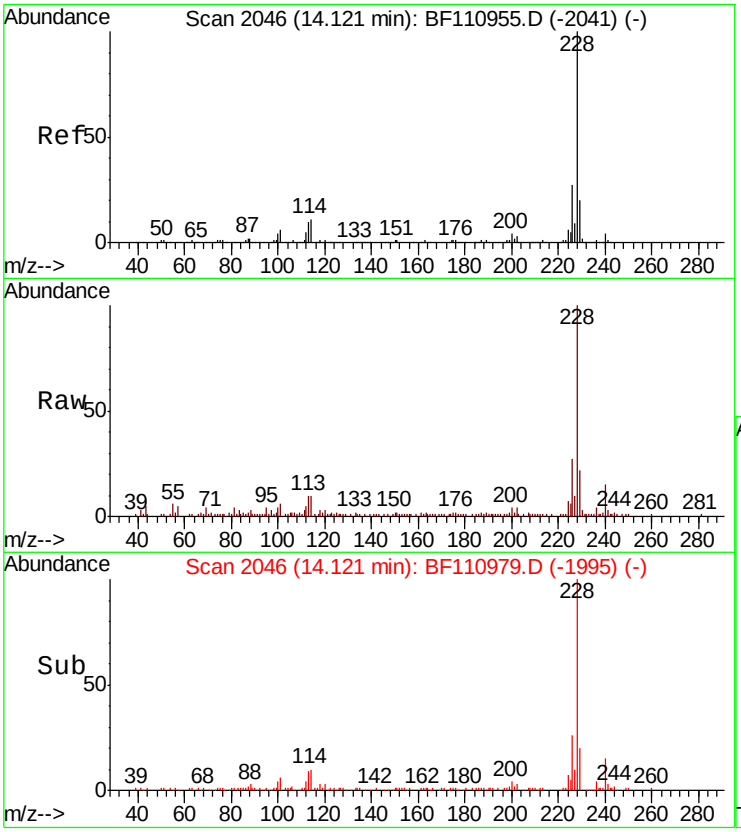


#79
Terphenyl-d14
Concen: 36.191 ng
RT: 13.06 min Scan# 1865
Delta R.T. -0.00 min
Lab File: BF110979.D
Acq: 26 Nov 2018 22:23

Tgt Ion:244 Resp: 178173

Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.8	8.8
122	10.7	8.7	13.1



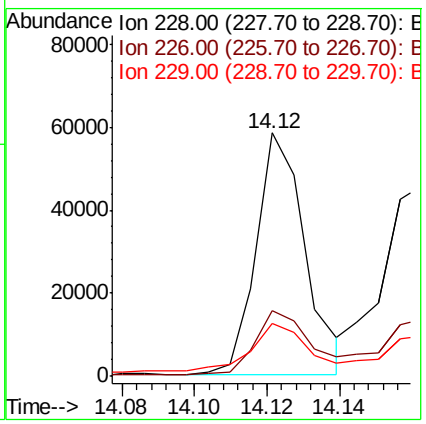


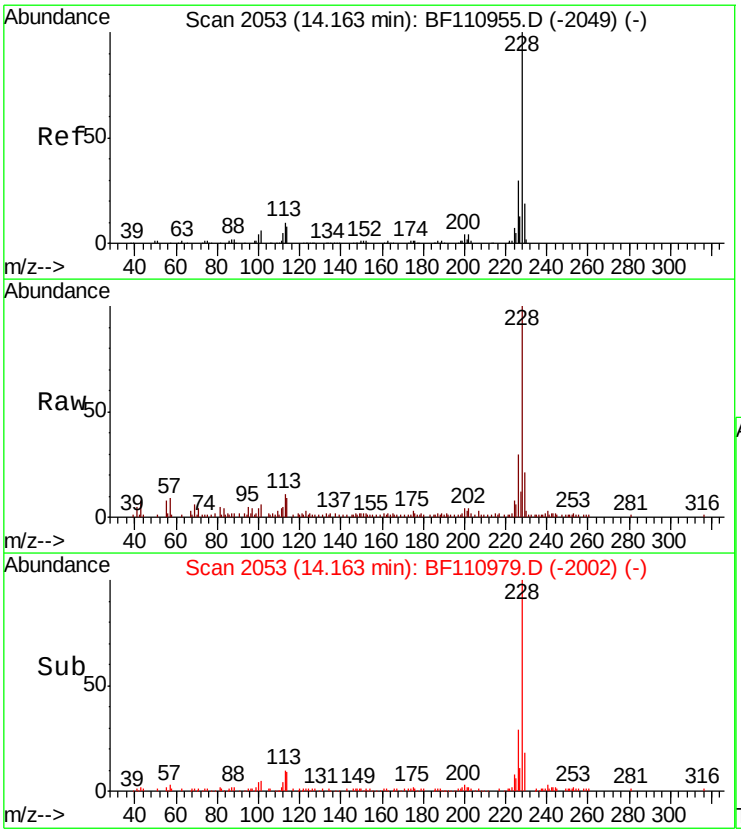
#81
Benzo(a)anthracene
Concen: 9.658 ng
RT: 14.12 min Scan# 2046
Delta R.T. -0.00 min
Lab File: BF110979.D
Acq: 26 Nov 2018 22:23

Instrument :
BNA_F
ClientSampleId :
SU-03-112118-A

Tgt Ion:228 Resp: 54642

Ion	Ratio	Lower	Upper
228	100		
226	26.8	22.1	33.1
229	21.9	15.6	23.4

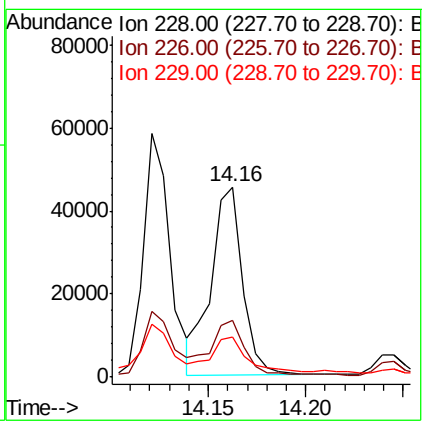


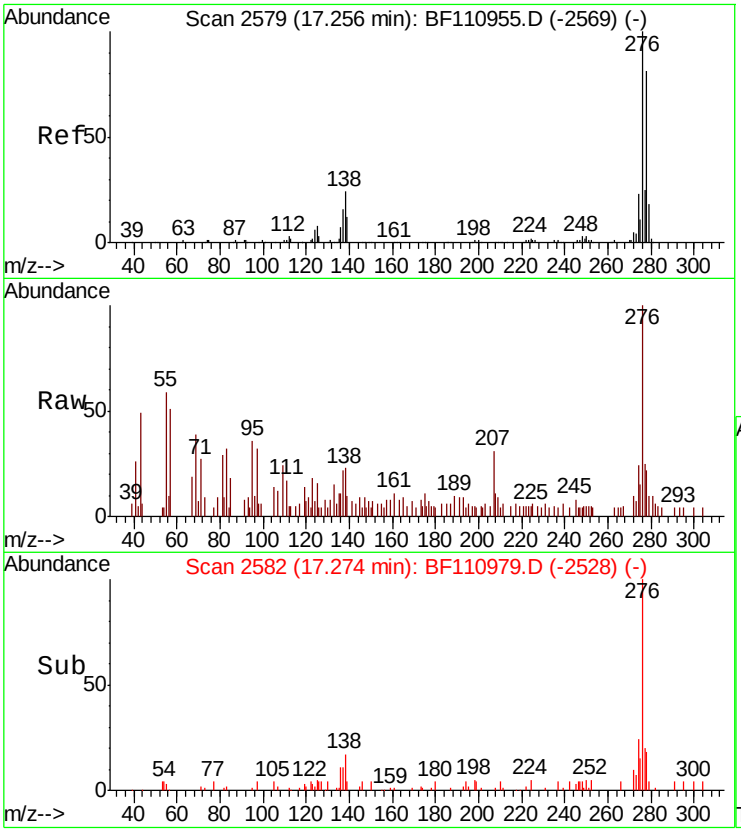


#83
Chrysene
Concen: 9.164 ng
RT: 14.16 min Scan# 2053
Delta R.T. -0.00 min
Lab File: BF110979.D
Acq: 26 Nov 2018 22:23

Tgt Ion:228 Resp: 51043

Ion	Ratio	Lower	Upper
228	100		
226	29.9	24.7	37.1
229	20.8	15.9	23.9



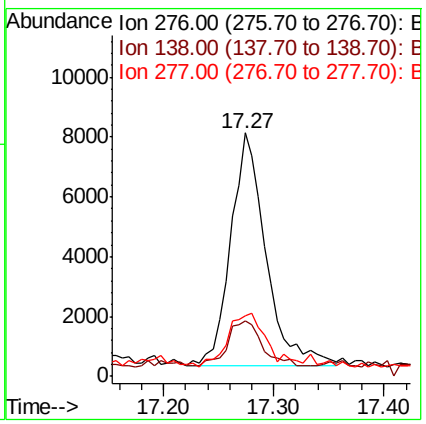


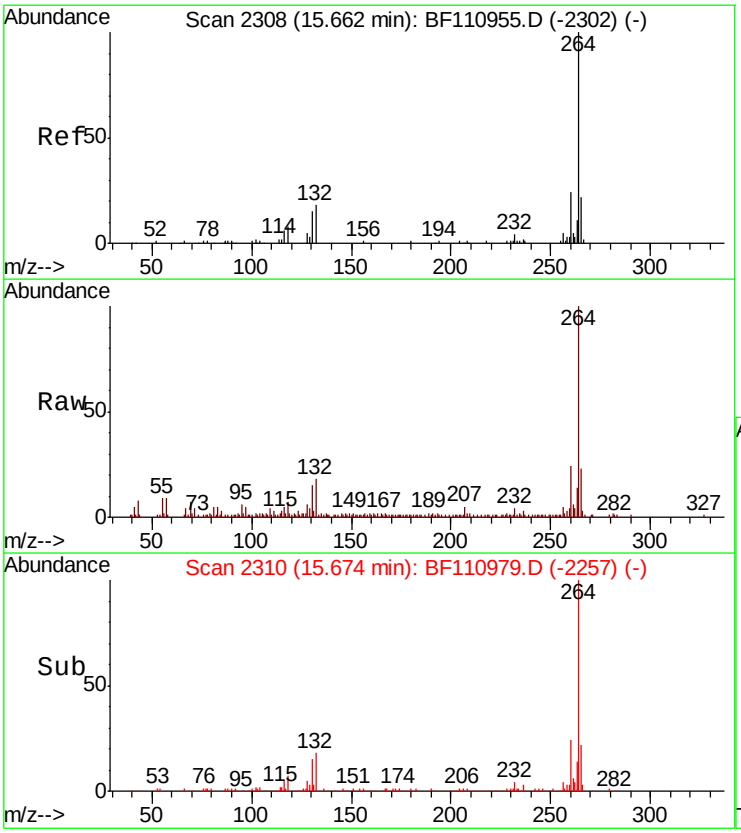
#86
Indeno(1,2,3-cd)pyrene
Concen: 4.334 ng
RT: 17.27 min Scan# 2582
Delta R.T. 0.02 min
Lab File: BF110979.D
Acq: 26 Nov 2018 22:23

Instrument :
BNA_F
ClientSampleId :
SU-03-112118-A

Tgt Ion:276 Resp: 17328

Ion	Ratio	Lower	Upper
276	100		
138	19.3	18.5	27.7
277	25.3	20.0	30.0

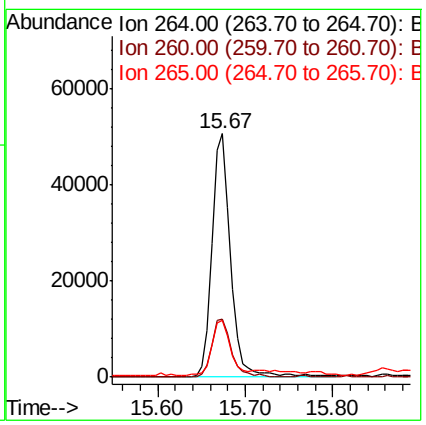


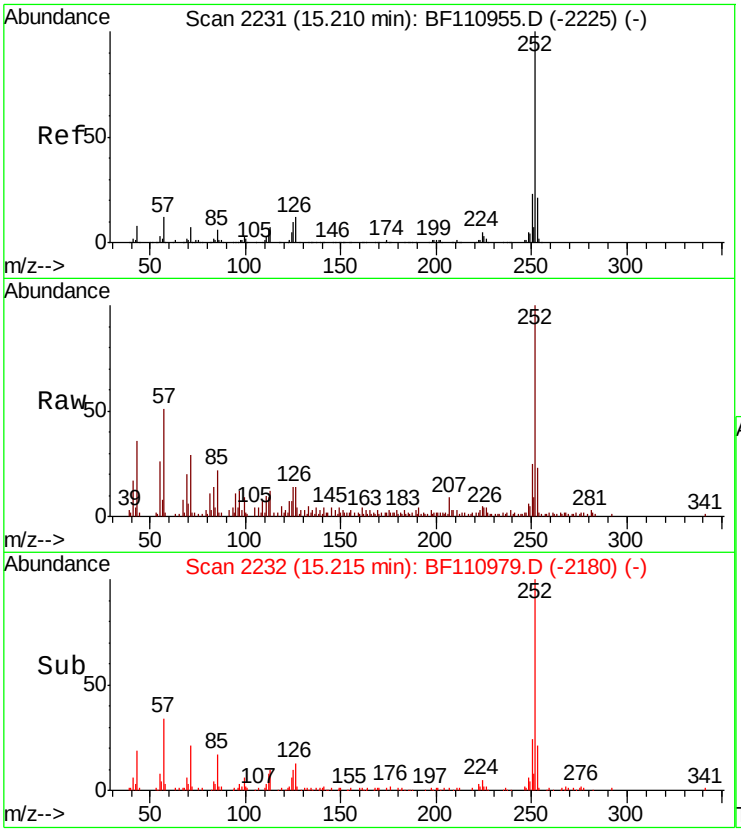


#87
Perylene-d12
Concen: 20.000 ng
RT: 15.67 min Scan# 2310
Delta R.T. 0.01 min
Lab File: BF110979.D
Acq: 26 Nov 2018 22:23

Tgt Ion:264 Resp: 75580

Ion	Ratio	Lower	Upper
264	100		
260	24.0	18.7	28.1
265	23.2	16.7	25.1



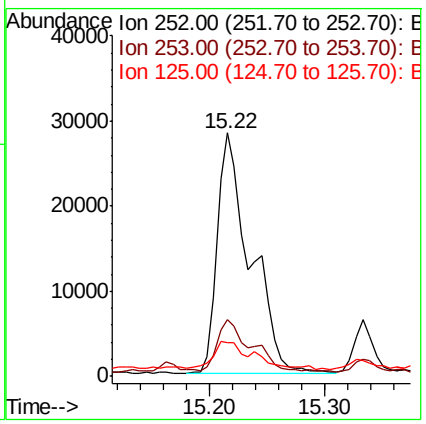


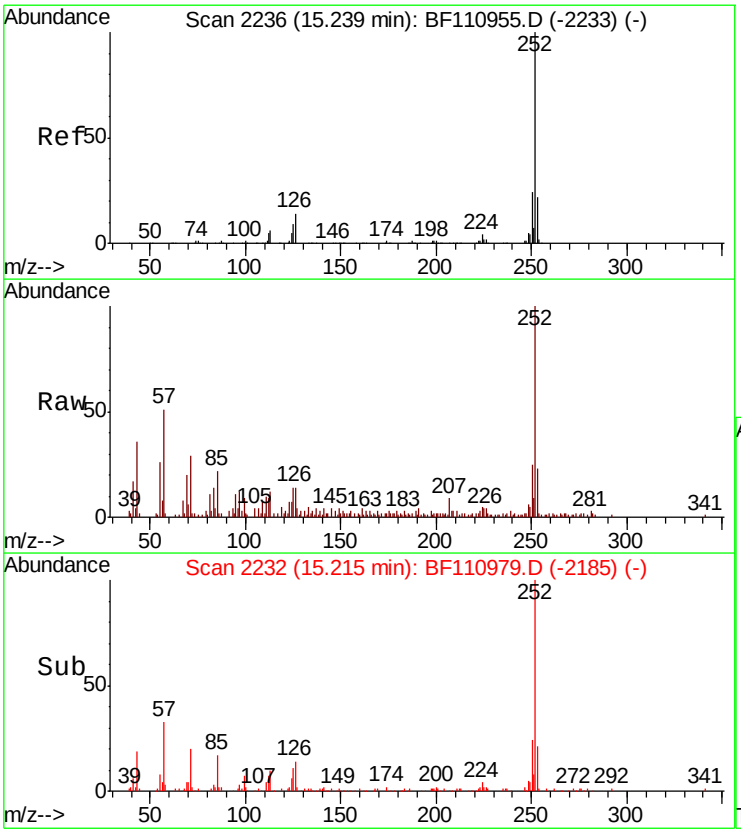
#88
Benzo(b)fluoranthene
Concen: 12.592 ng
RT: 15.22 min Scan# 2232
Delta R.T. 0.01 min
Lab File: BF110979.D
Acq: 26 Nov 2018 22:23

Instrument :
BNA_F
ClientSampleId :
SU-03-112118-A

Tgt Ion:252 Resp: 55908

Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.2	25.8
125	14.1	8.2	12.4#

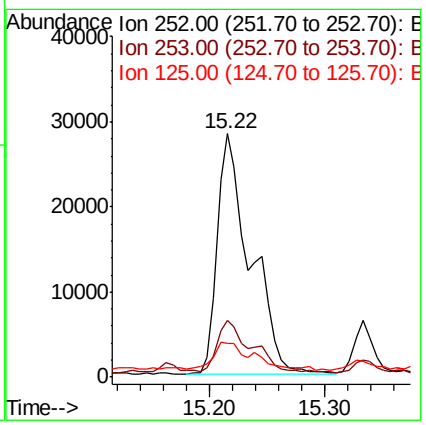


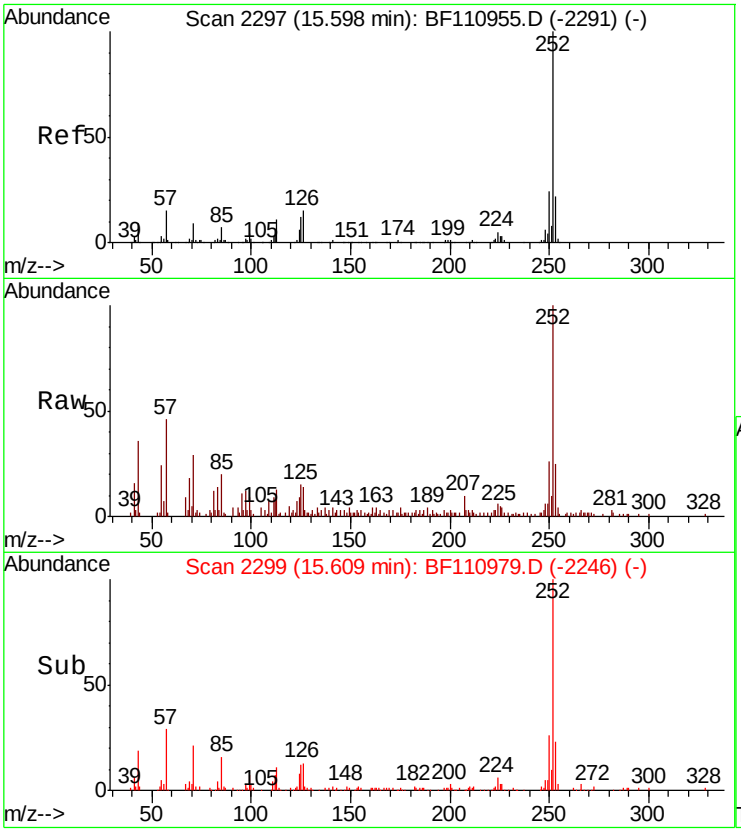


#89
Benzo(k)fluoranthene
Concen: 12.234 ng
RT: 15.22 min Scan# 2232
Delta R.T. -0.02 min
Lab File: BF110979.D
Acq: 26 Nov 2018 22:23

Tgt Ion:252 Resp: 55908

Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.2	25.8
125	14.1	7.4	11.0#



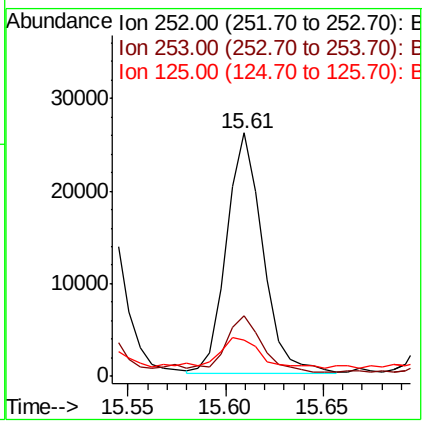


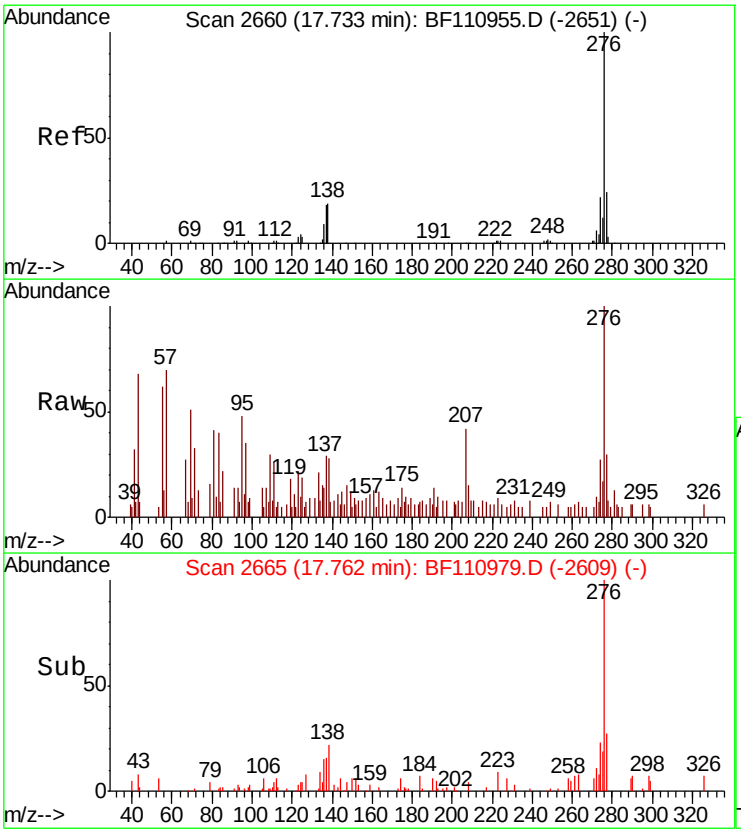
#90
Benzo(a)pyrene
Concen: 8.063 ng
RT: 15.61 min Scan# 2299
Delta R.T. 0.01 min
Lab File: BF110979.D
Acq: 26 Nov 2018 22:23

Instrument :
BNA_F
ClientSampleId :
SU-03-112118-A

Tgt Ion:252 Resp: 33323

Ion	Ratio	Lower	Upper
252	100		
253	24.8	18.2	27.4
125	15.1	9.0	13.6#





#92
Benzo(g,h,i)perylene
Concen: 5.770 ng
RT: 17.76 min Scan# 2665
Delta R.T. 0.03 min
Lab File: BF110979.D
Acq: 26 Nov 2018 22:23

Tgt Ion:276 Resp: 18971

Ion	Ratio	Lower	Upper
276	100		
277	29.6	18.8	28.2#
138	28.4	16.0	24.0#