Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF112618\
Data File : BF110977.D
Acq On : 26 Nov 2018 21:28
Operator : JU/SJ
Sample : J5770-07 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-02-112118-B

Quant Time: Nov 27 02:59:05 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	57753	20.00	ng		0.00
21) Naphthalene-d8	8.22	136	218096	20.00	ng		0.00
39) Acenaphthene-d10	9.98	164	84979	20.00	ng		0.00
64) Phenanthrene-d10	11.47	188	149485	20.00	ng		0.00
76) Chrysene-d12	14.13	240	101095	20.00	ng		0.00
87) Perylene-d12	15.67	264	75298	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.56	112	171272	49.18	ng		0.00
7) Phenol-d6	6.56	99	211327	46.56	ng		0.00
23) Nitrobenzene-d5	7.50	82	119751	31.42	ng		0.00
42) 2,4,6-Tribromophenol	10.78	330	35941	42.59	ng		0.00
45) 2-Fluorobiphenyl	9.29	172	201772	34.40	ng		0.00
79) Terphenyl-d14	13.06	244	169677	32.67	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.70	77	4156	Below Cal		#	73
10) Phenol	6.58	94	11301	2.211	ng		91
19) n-Nitroso-di-n-propylamine	7.50	70	15627	5.286	ng	#	86
25) Isophorone	7.50	82	119751	19.157	ng	#	67
50) Dimethylphthalate	9.69	163	27046	4.340	ng	#	99
51) 2,6-Dinitrotoluene	9.98	165	11606	8.365	ng	#	21
52) Acenaphthene	10.02	154	23222	4.485	ng		97
55) Dibenzofuran	10.19	168	21553	2.853	ng		95
56) 4-Nitrophenol	10.19	139	8758	13.464	ng	#	6
57) 2,4-Dinitrotoluene	9.98	165	11606	6.447	ng	#	17
58) Fluorene	10.53	166	37536	6.386	ng		96
71) Phenanthrene	11.50	178	272683	34.442	ng		99
72) Anthracene	11.56	178	80975	10.043	ng		98
73) Carbazole	11.72	167	16562	2.116	ng		96
75) Fluoranthene	12.70	202	260345	31.995	ng		99
78) Pyrene	12.93	202	233006	31.557	ng		98
81) Benzo(a)anthracene	14.12	228	74945	12.557	ng		97
83) Chrysene	14.16	228	66608	11.337	ng		99
86) Indeno(1,2,3-cd)pyrene	17.27	276	24583	5.829	ng		98
88) Benzo(b)fluoranthene	15.22	252	75575	17.085	ng	#	94
89) Benzo(k)fluoranthene	15.22	252	75575	16.599	ng	#	94
90) Benzo(a)pyrene	15.61	252	44158	10.724	ng	#	96
92) Benzo(g,h,i)perylene	17.76	276	25801	7.877	ng	#	84

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

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Misc :
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OR-02-112118-B

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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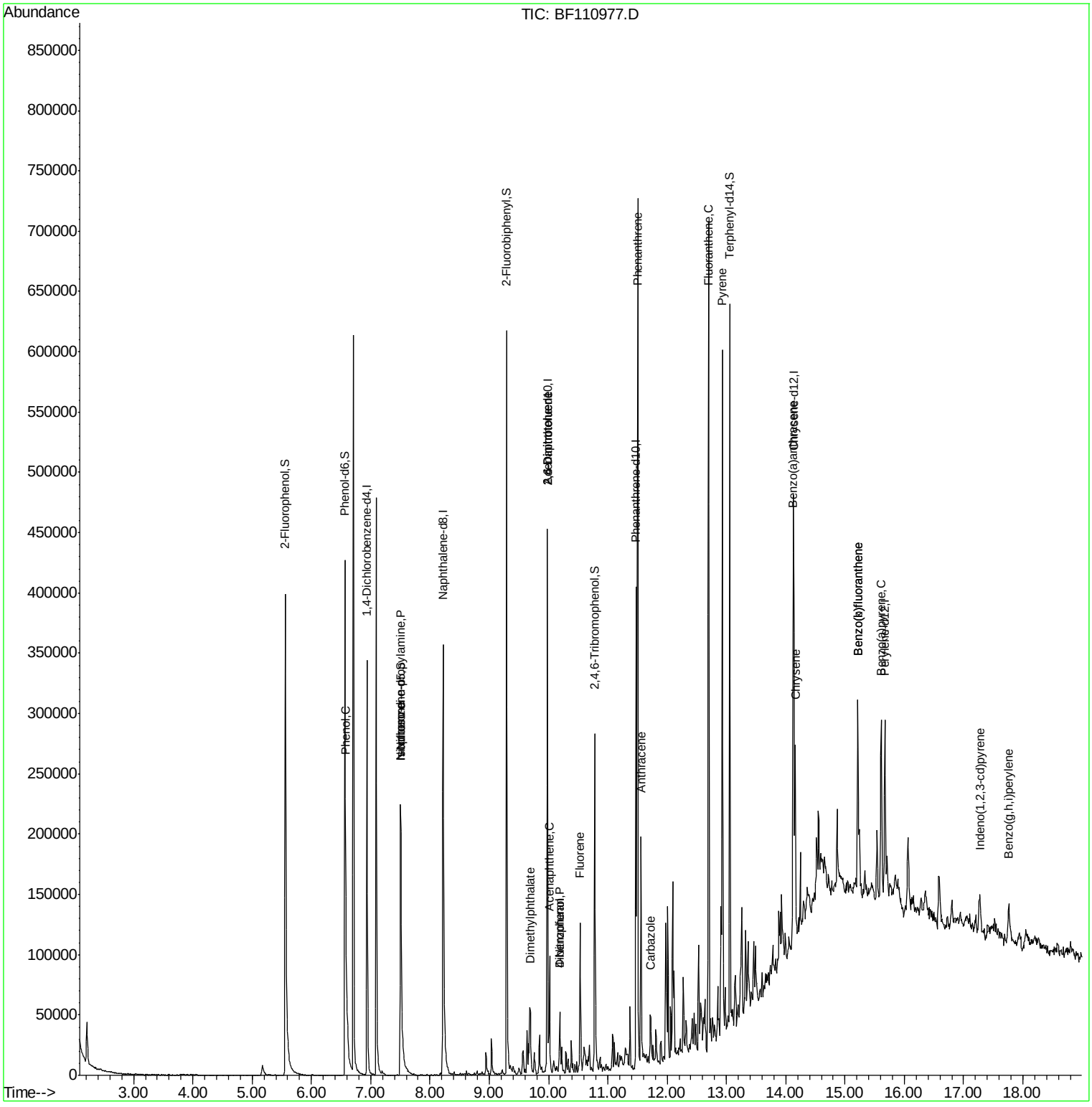
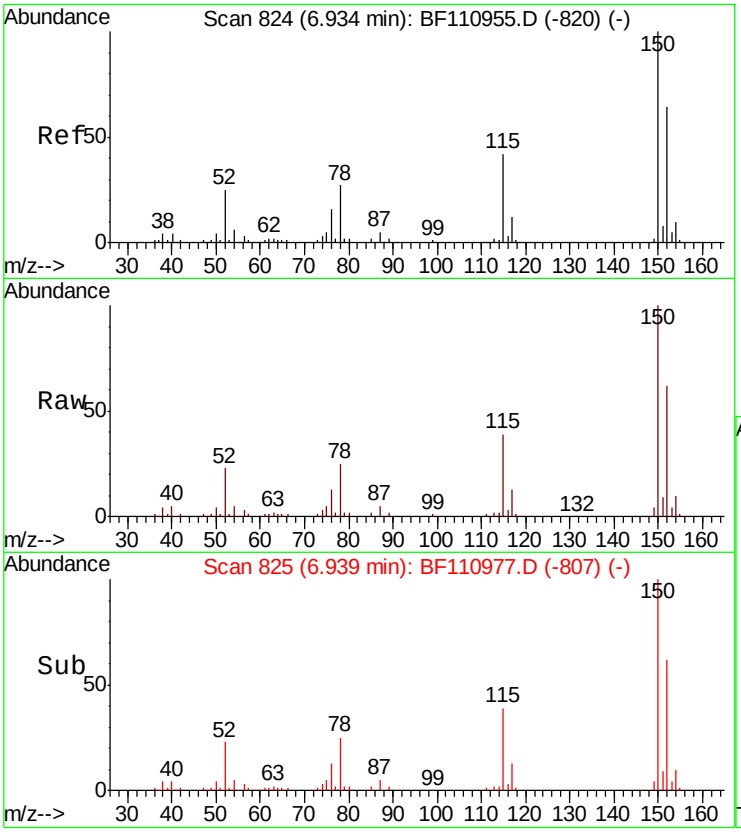


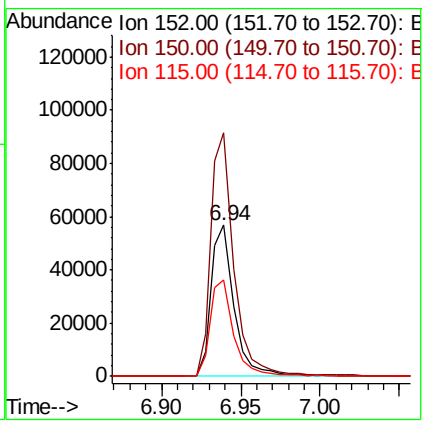


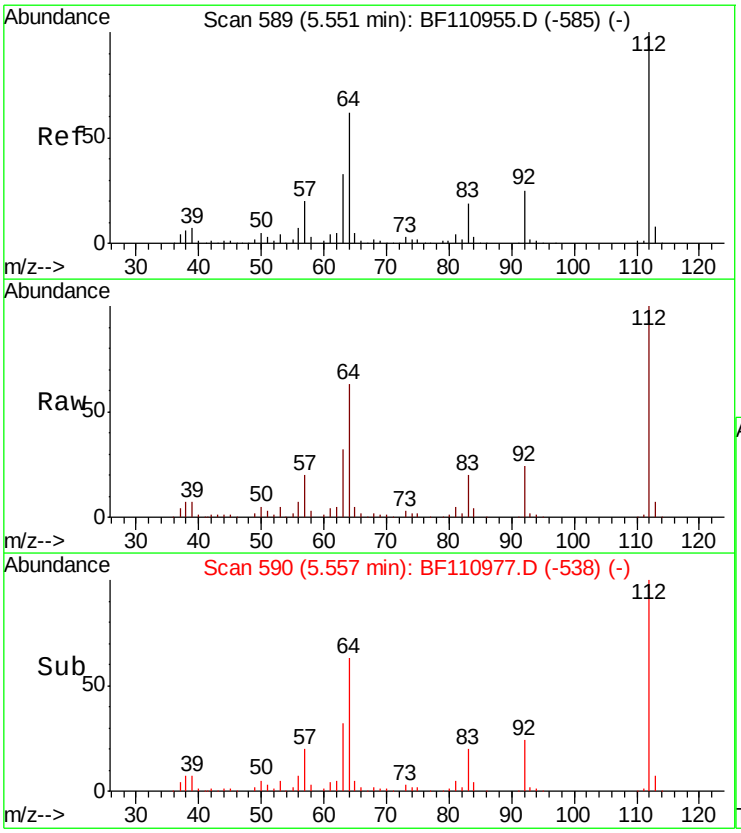
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.94 min Scan# 825
Delta R.T. 0.01 min
Lab File: BF110977.D
Acq: 26 Nov 2018 21:28

Instrument :
BNA_F
ClientSampleId :
OR-02-112118-B

Tgt Ion:152 Resp: 57753

Ion	Ratio	Lower	Upper
152	100		
150	161.3	122.7	184.1
115	63.6	49.1	73.7

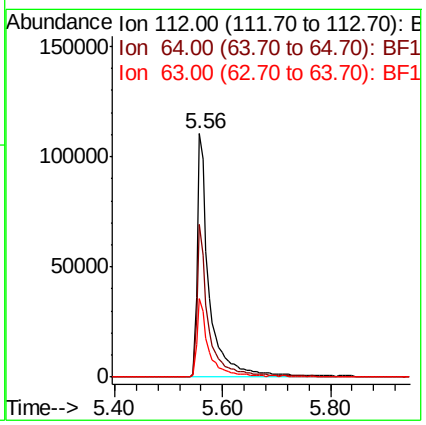


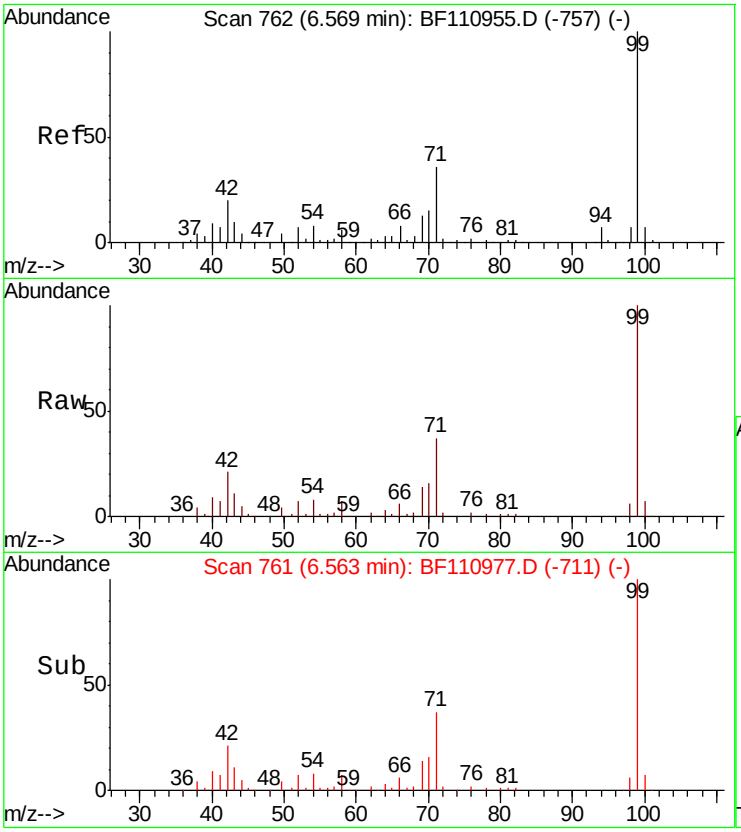


#5
2-Fluorophenol
Concen: 49.179 ng
RT: 5.56 min Scan# 590
Delta R.T. 0.01 min
Lab File: BF110977.D
Acq: 26 Nov 2018 21:28

Tgt Ion:112 Resp: 171272

Ion	Ratio	Lower	Upper
112	100		
64	62.7	44.1	66.1
63	32.0	23.7	35.5



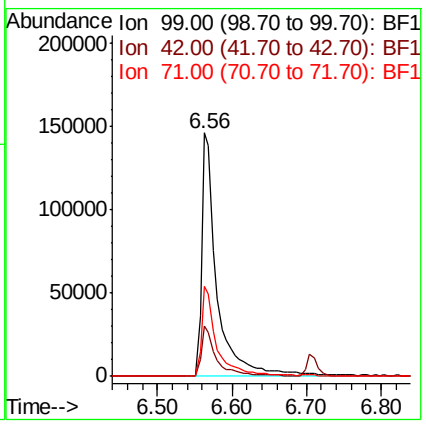


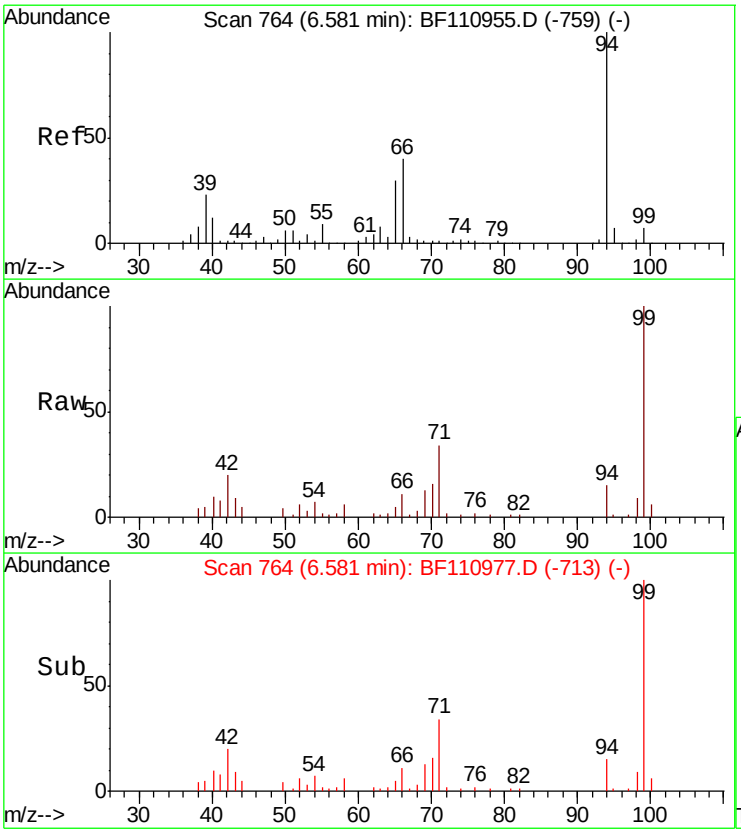
#7
Phenol-d6
Concen: 46.564 ng
RT: 6.56 min Scan# 761
Delta R.T. -0.01 min
Lab File: BF110977.D
Acq: 26 Nov 2018 21:28

Instrument :
BNA_F
ClientSampleId :
OR-02-112118-B

Tgt Ion: 99 Resp: 211327

Ion	Ratio	Lower	Upper
99	100		
42	20.8	15.8	23.6
71	37.0	28.0	42.0

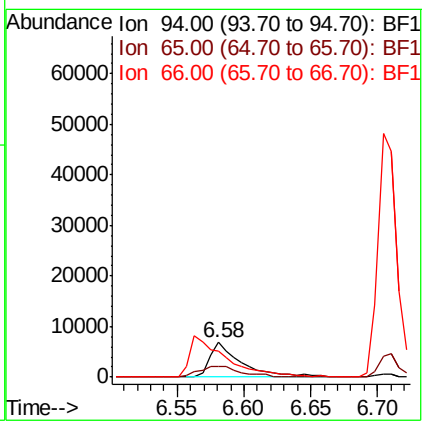


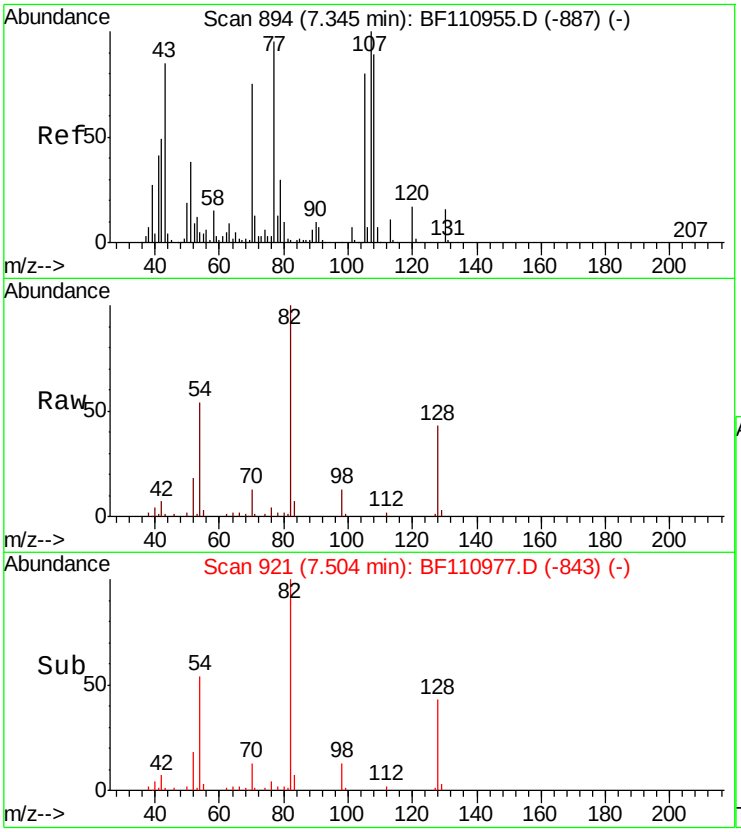


#10
Phenol
Concen: 2.211 ng
RT: 6.58 min Scan# 764
Delta R.T. -0.00 min
Lab File: BF110977.D
Acq: 26 Nov 2018 21:28

Tgt Ion: 94 Resp: 11301

Ion	Ratio	Lower	Upper
94	100		
65	30.6	25.3	65.3
66	74.3	54.5	94.5



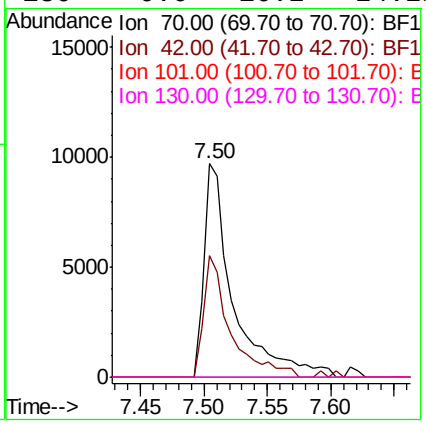


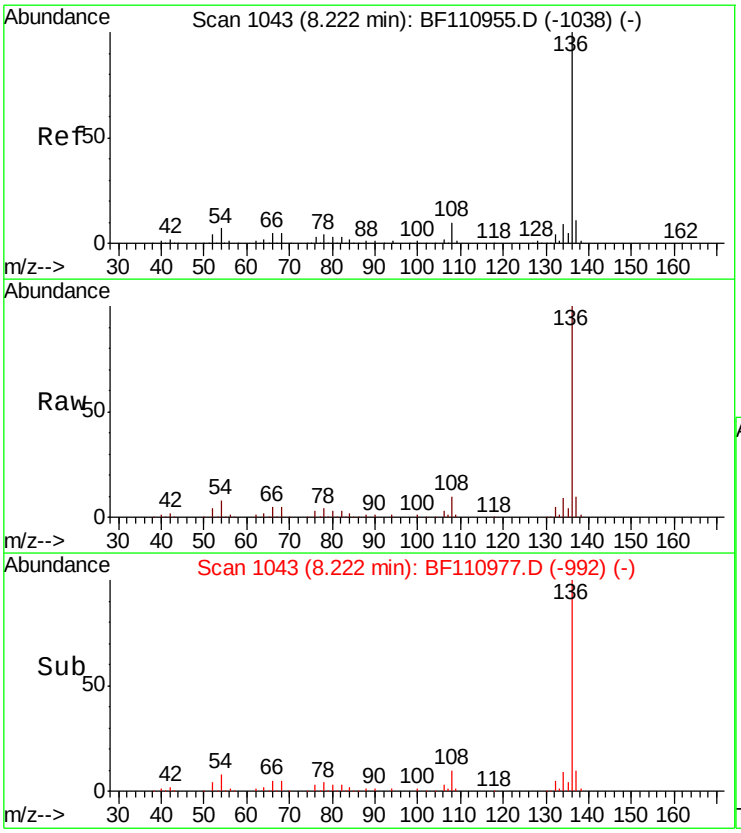
#19
n-Nitroso-di-n-propylamine
Concen: 5.286 ng
RT: 7.50 min Scan# 921
Delta R.T. 0.16 min
Lab File: BF110977.D
Acq: 26 Nov 2018 21:28

Instrument :
BNA_F
ClientSampleId :
OR-02-112118-B

Tgt Ion: 70 Resp: 15627

Ion	Ratio	Lower	Upper
70	100		
42	57.2	47.4	71.2
101	0.0	7.3	10.9#
130	0.0	16.2	24.2#

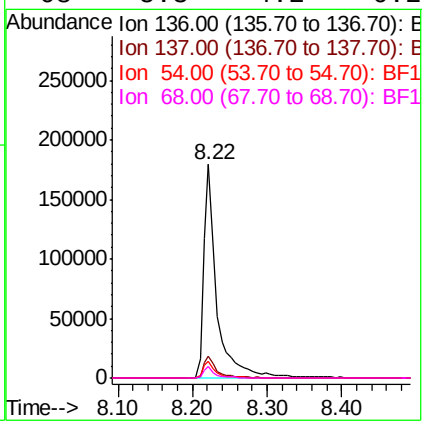


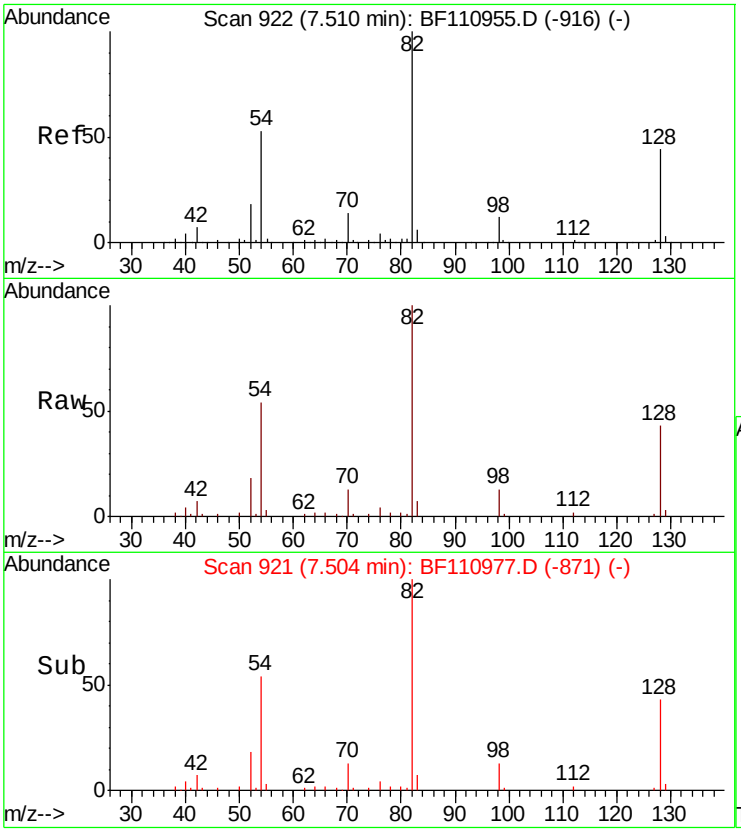


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.22 min Scan# 1043
Delta R.T. -0.00 min
Lab File: BF110977.D
Acq: 26 Nov 2018 21:28

Tgt Ion:136 Resp: 218096

Ion	Ratio	Lower	Upper
136	100		
137	10.4	8.8	13.2
54	7.9	5.4	8.2
68	5.3	4.2	6.2



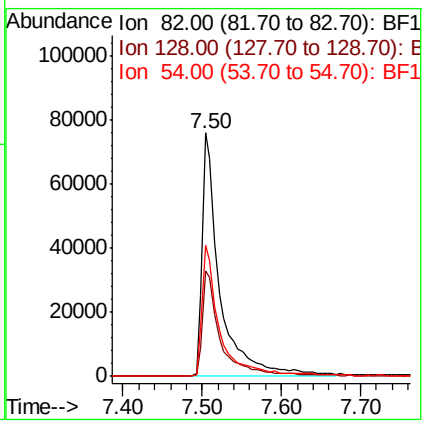


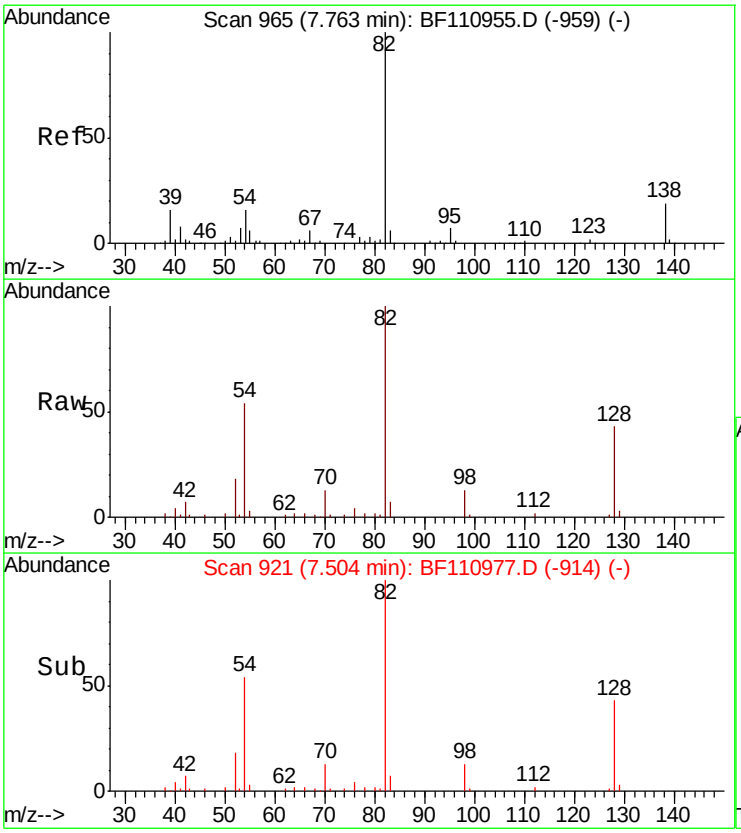
#23
Nitrobenzene-d5
Concen: 31.424 ng
RT: 7.50 min Scan# 921
Delta R.T. -0.01 min
Lab File: BF110977.D
Acq: 26 Nov 2018 21:28

Instrument :
BNA_F
ClientSampleId :
OR-02-112118-B

Tgt Ion: 82 Resp: 119751

Ion	Ratio	Lower	Upper
82	100		
128	43.3	34.2	51.2
54	54.0	38.6	58.0

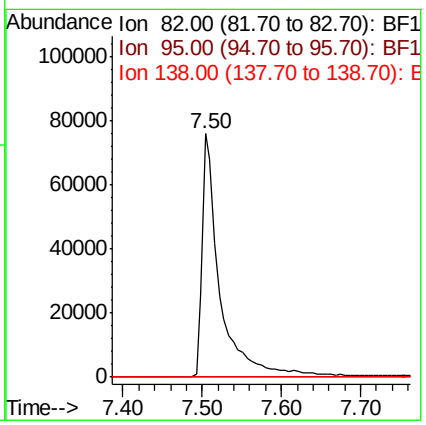


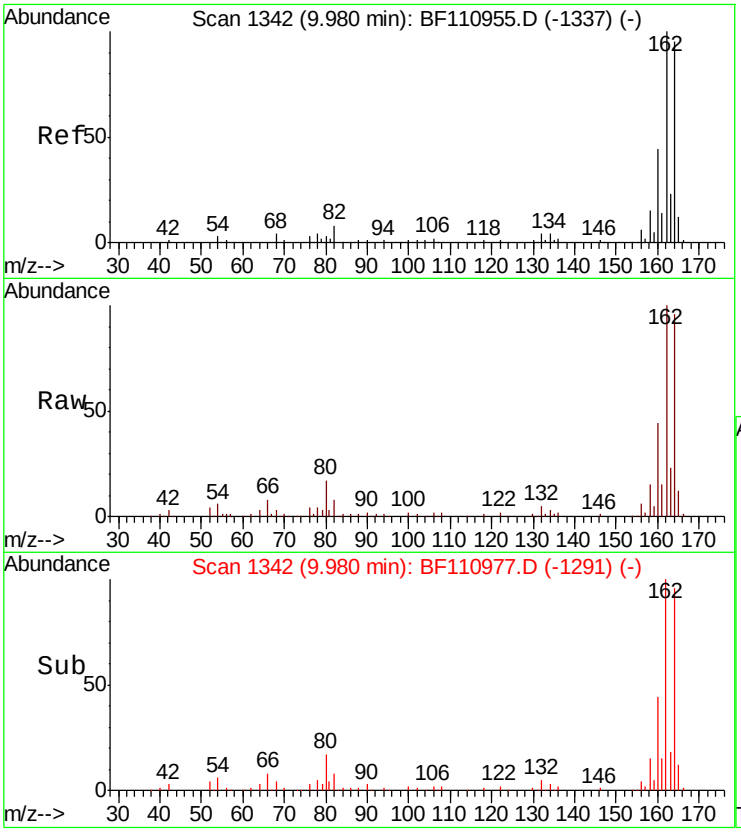


#25
Isophorone
Concen: 19.157 ng
RT: 7.50 min Scan# 921
Delta R.T. -0.26 min
Lab File: BF110977.D
Acq: 26 Nov 2018 21:28

Tgt Ion: 82 Resp: 119751

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



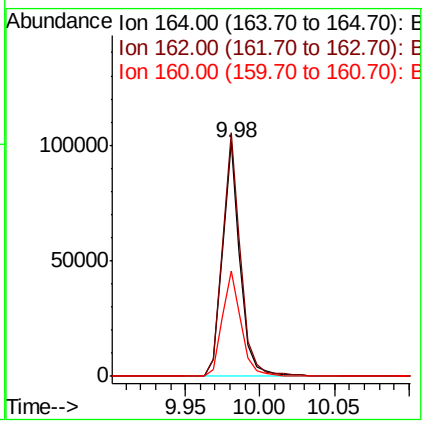


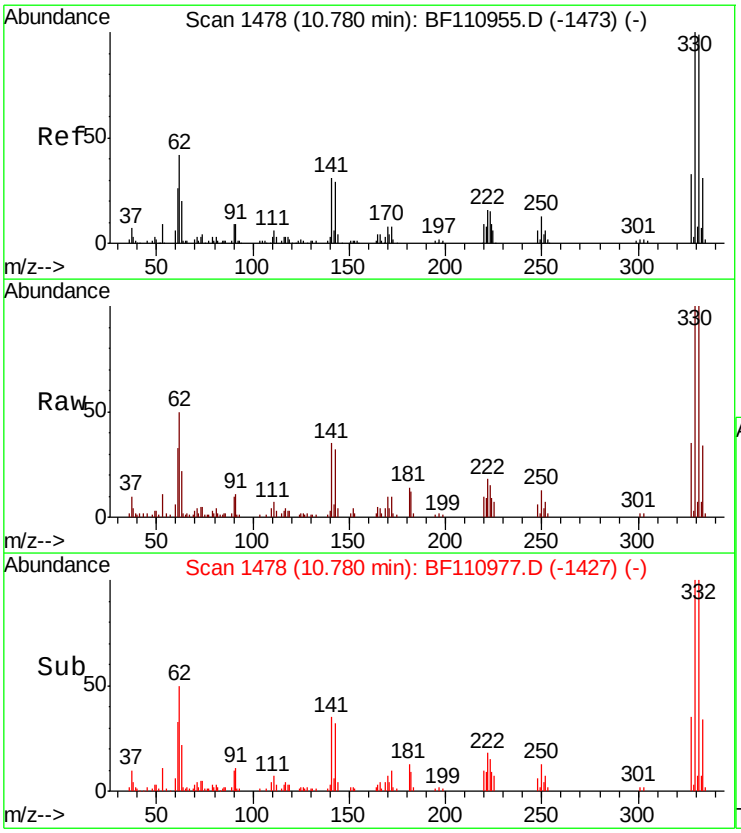
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.98 min Scan# 1342
Delta R.T. -0.00 min
Lab File: BF110977.D
Acq: 26 Nov 2018 21:28

Instrument :
BNA_F
ClientSampleId :
OR-02-112118-B

Tgt Ion:164 Resp: 84979

Ion	Ratio	Lower	Upper
164	100		
162	103.9	83.0	124.6
160	45.2	37.0	55.6

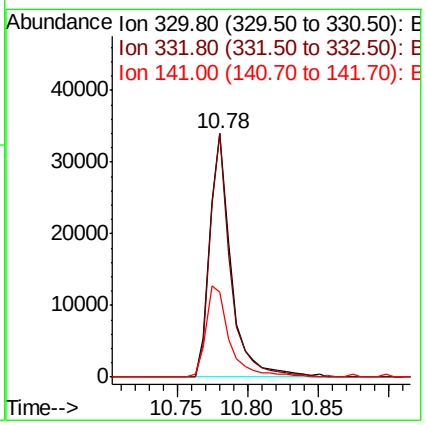


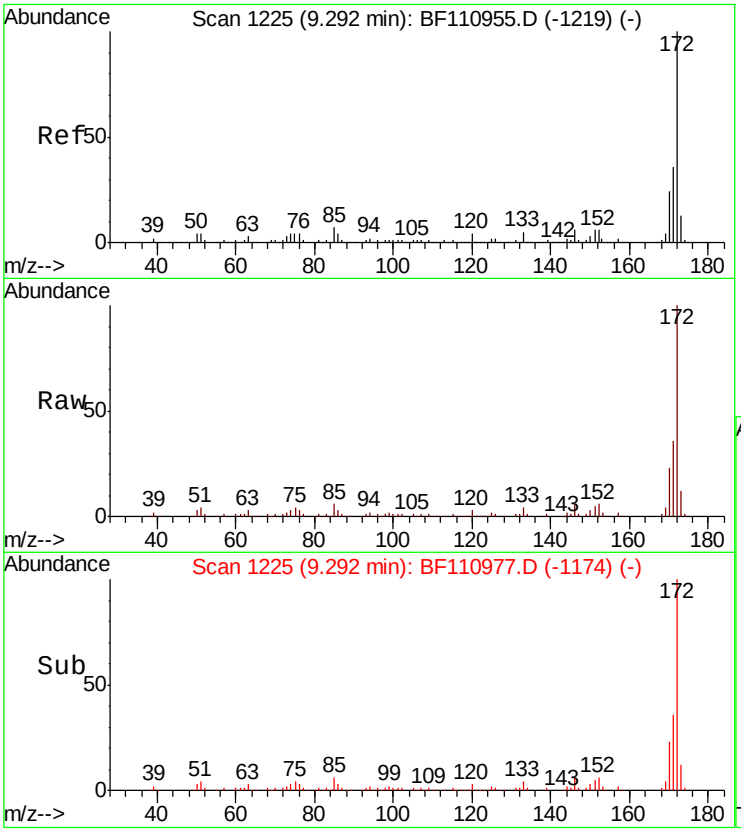


#42
2,4,6-Tribromophenol
Concen: 42.586 ng
RT: 10.78 min Scan# 1478
Delta R.T. -0.00 min
Lab File: BF110977.D
Acq: 26 Nov 2018 21:28

Tgt Ion:330 Resp: 35941

Ion	Ratio	Lower	Upper
330	100		
332	95.4	77.1	115.7
141	41.1	27.0	40.4#



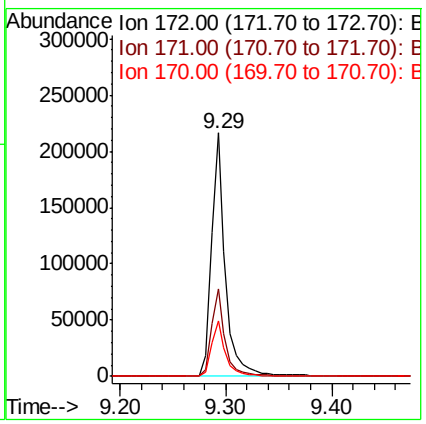


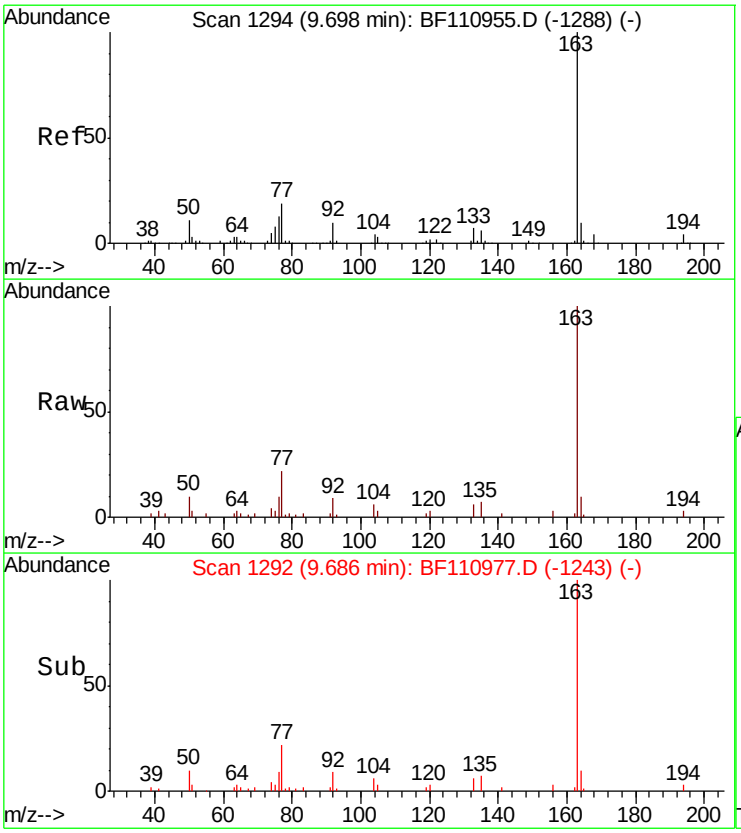
#45
2-Fluorobiphenyl
Concen: 34.399 ng
RT: 9.29 min Scan# 1225
Delta R.T. -0.00 min
Lab File: BF110977.D
Acq: 26 Nov 2018 21:28

Instrument :
BNA_F
ClientSampleId :
OR-02-112118-B

Tgt Ion:172 Resp: 201772

Ion	Ratio	Lower	Upper
172	100		
171	35.7	28.6	43.0
170	22.9	19.7	29.5

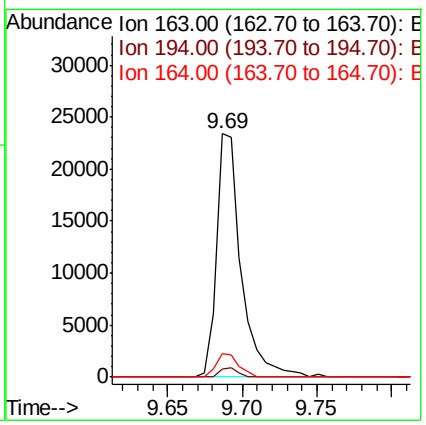


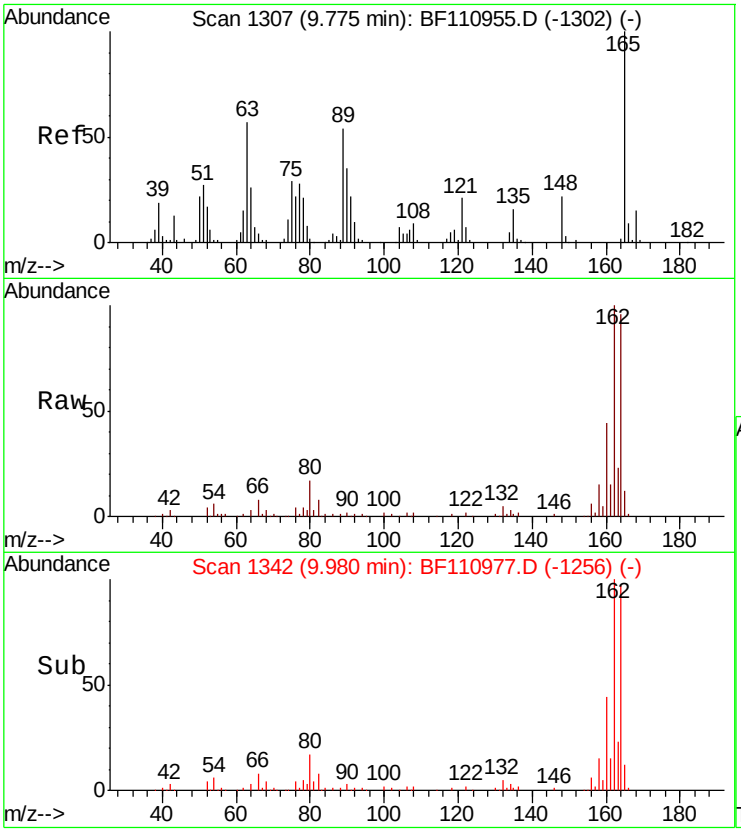


#50
Dimethylphthalate
Concen: 4.340 ng
RT: 9.69 min Scan# 1292
Delta R.T. -0.01 min
Lab File: BF110977.D
Acq: 26 Nov 2018 21:28

Tgt Ion:163 Resp: 27046

Ion	Ratio	Lower	Upper
163	100		
194	3.1	3.2	4.8#
164	9.8	8.1	12.1



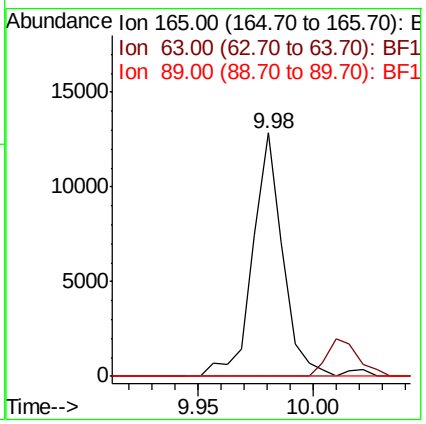


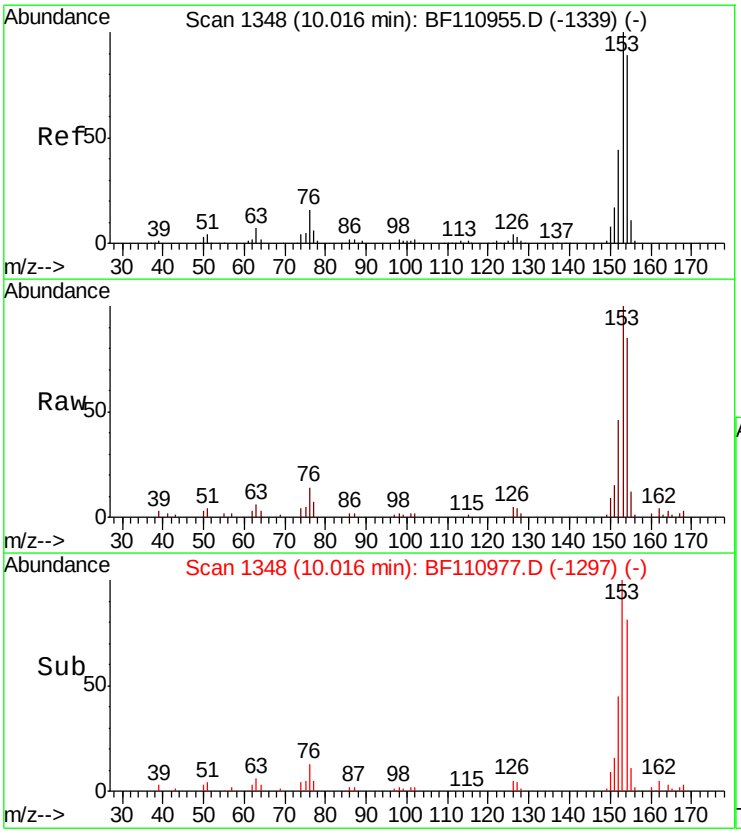
#51
2,6-Dinitrotoluene
Concen: 8.365 ng
RT: 9.98 min Scan# 1342
Delta R.T. 0.21 min
Lab File: BF110977.D
Acq: 26 Nov 2018 21:28

Instrument :
BNA_F
ClientSampleId :
OR-02-112118-B

Tgt Ion:165 Resp: 11606

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

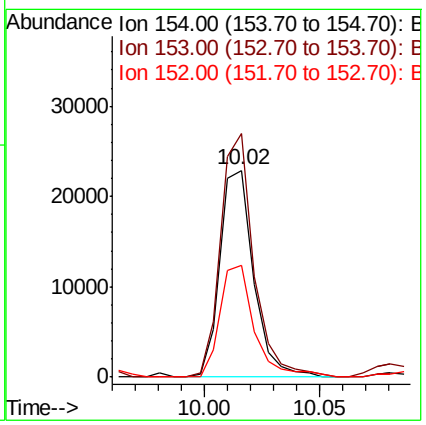


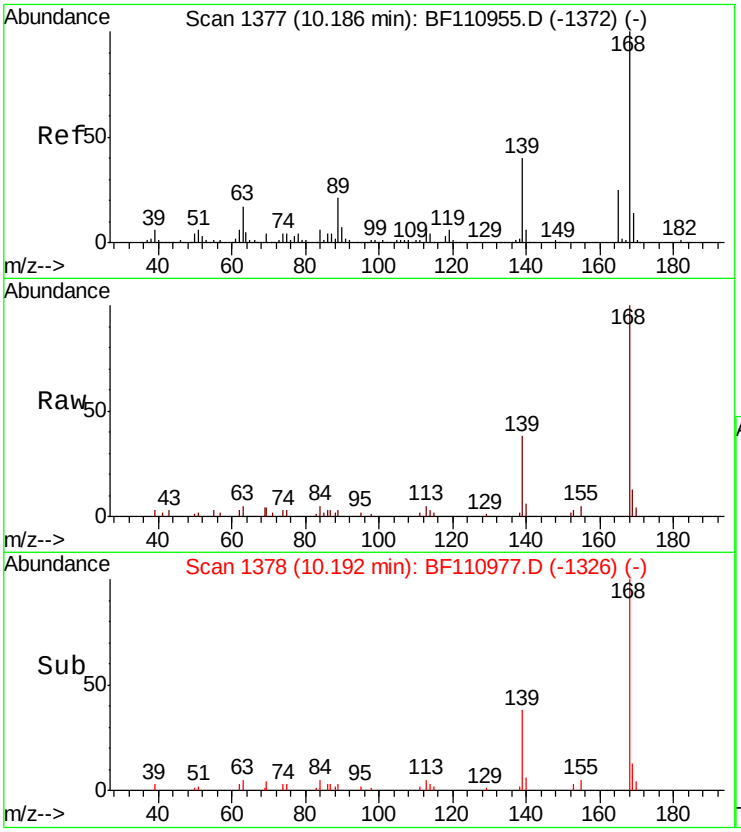


#52
Acenaphthene
Concen: 4.485 ng
RT: 10.02 min Scan# 1348
Delta R.T. -0.00 min
Lab File: BF110977.D
Acq: 26 Nov 2018 21:28

Tgt Ion:154 Resp: 23222

Ion	Ratio	Lower	Upper
154	100		
153	117.5	90.1	135.1
152	53.9	43.4	65.2



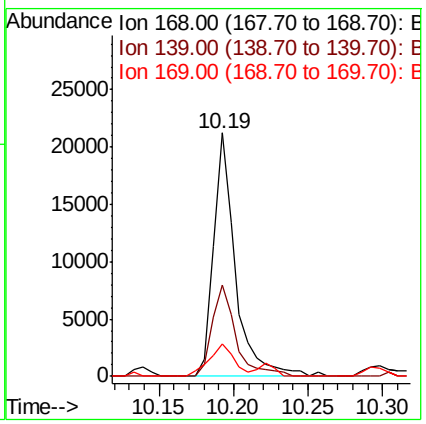


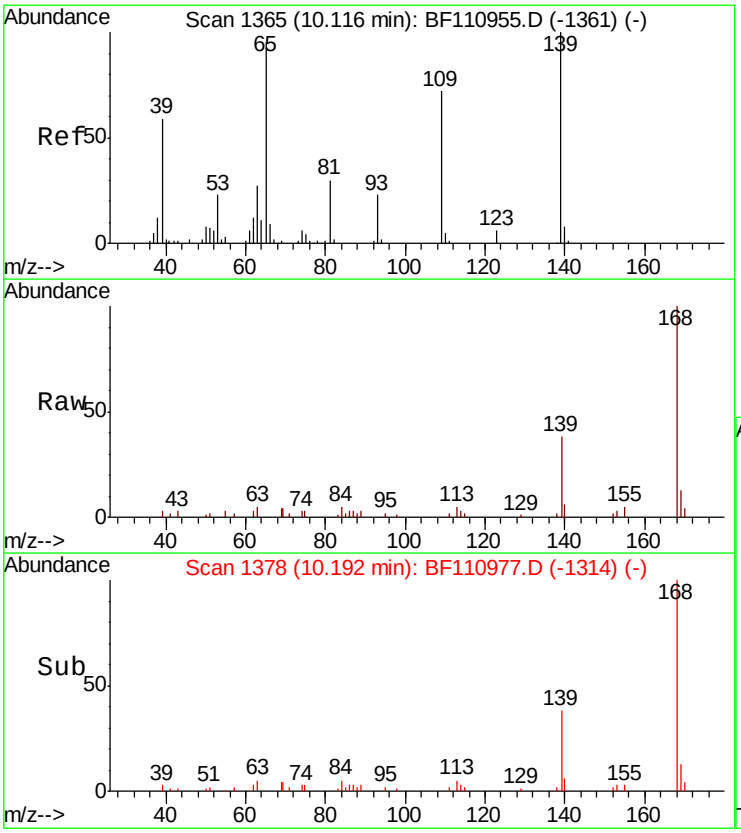
#55
Dibenzofuran
Concen: 2.853 ng
RT: 10.19 min Scan# 1378
Delta R.T. 0.01 min
Lab File: BF110977.D
Acq: 26 Nov 2018 21:28

Instrument :
BNA_F
ClientSampleId :
OR-02-112118-B

Tgt Ion:168 Resp: 21553

Ion	Ratio	Lower	Upper
168	100		
139	37.5	33.0	49.6
169	13.3	11.3	16.9

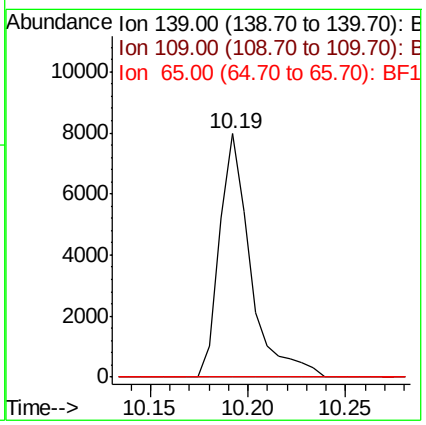


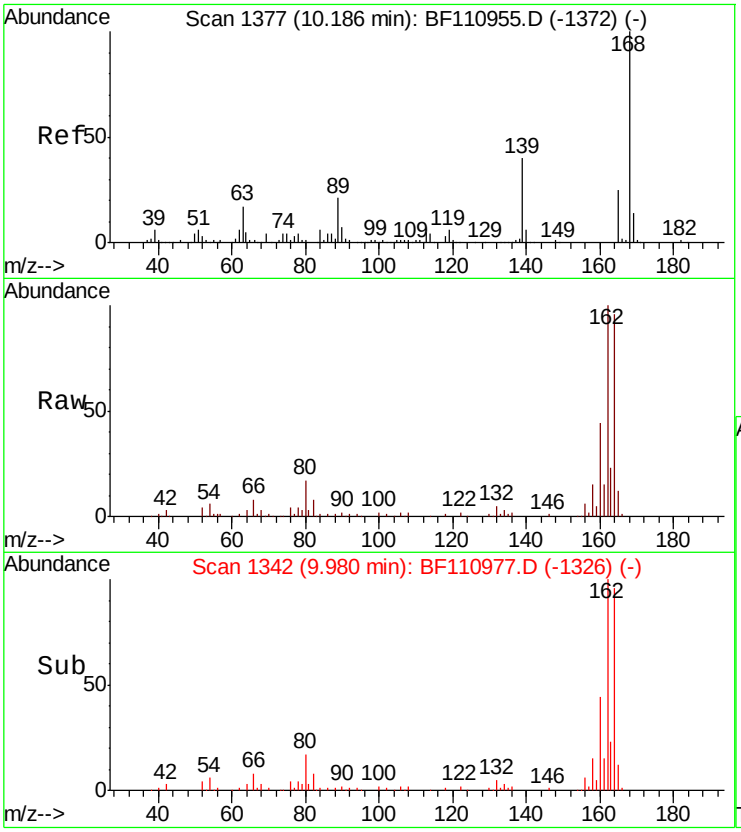


#56
4-Nitrophenol
Concen: 13.464 ng
RT: 10.19 min Scan# 1378
Delta R.T. 0.08 min
Lab File: BF110977.D
Acq: 26 Nov 2018 21:28

Tgt Ion:139 Resp: 8758

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



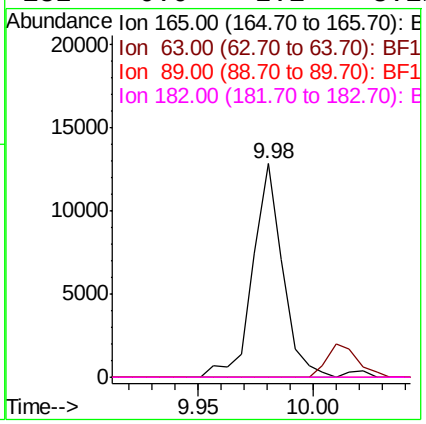


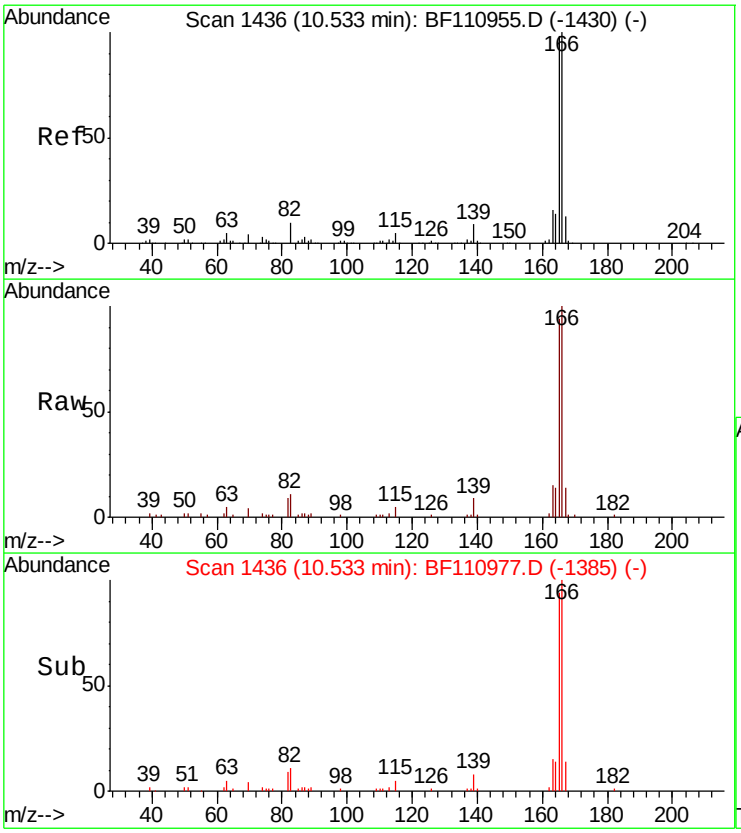
#57
2,4-Dinitrotoluene
Concen: 6.447 ng
RT: 9.98 min Scan# 1342
Delta R.T. -0.21 min
Lab File: BF110977.D
Acq: 26 Nov 2018 21:28

Instrument :
BNA_F
ClientSampleId :
OR-02-112118-B

Tgt Ion:165 Resp: 11606

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#

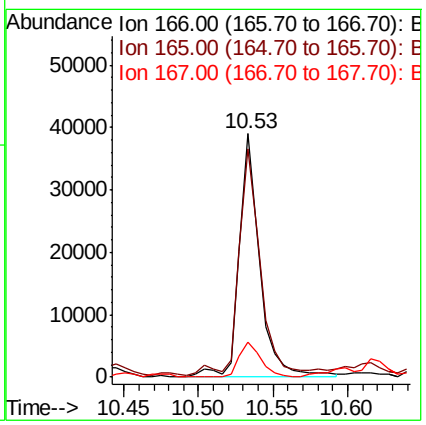


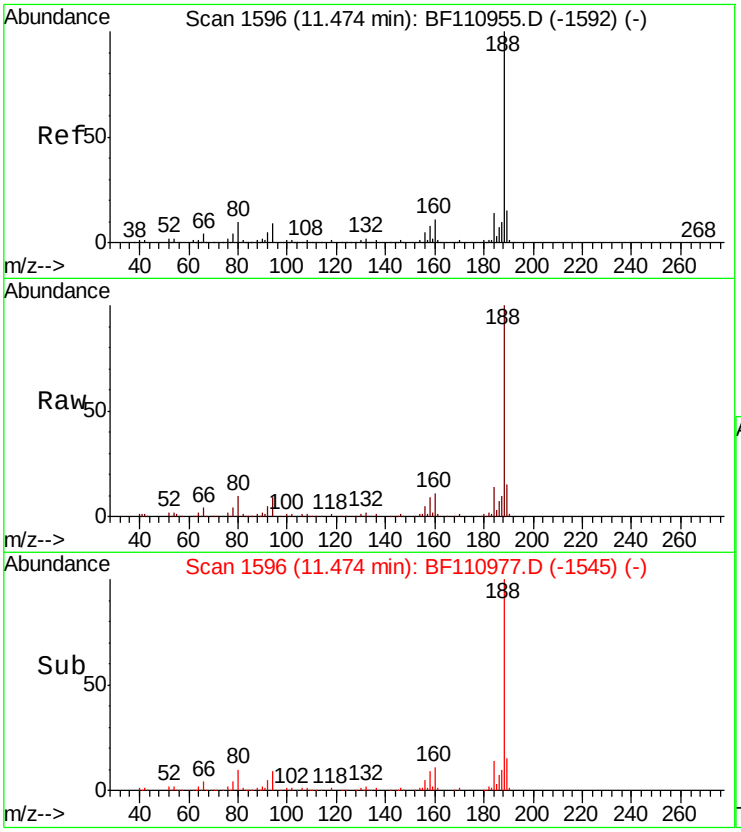


#58
Fluorene
Concen: 6.386 ng
RT: 10.53 min Scan# 1436
Delta R.T. -0.00 min
Lab File: BF110977.D
Acq: 26 Nov 2018 21:28

Tgt Ion:166 Resp: 37536

Ion	Ratio	Lower	Upper
166	100		
165	93.7	78.6	117.8
167	14.1	10.8	16.2



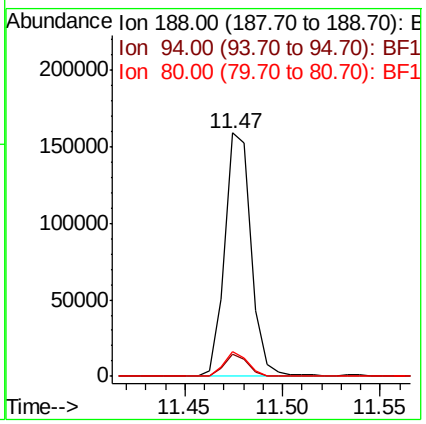


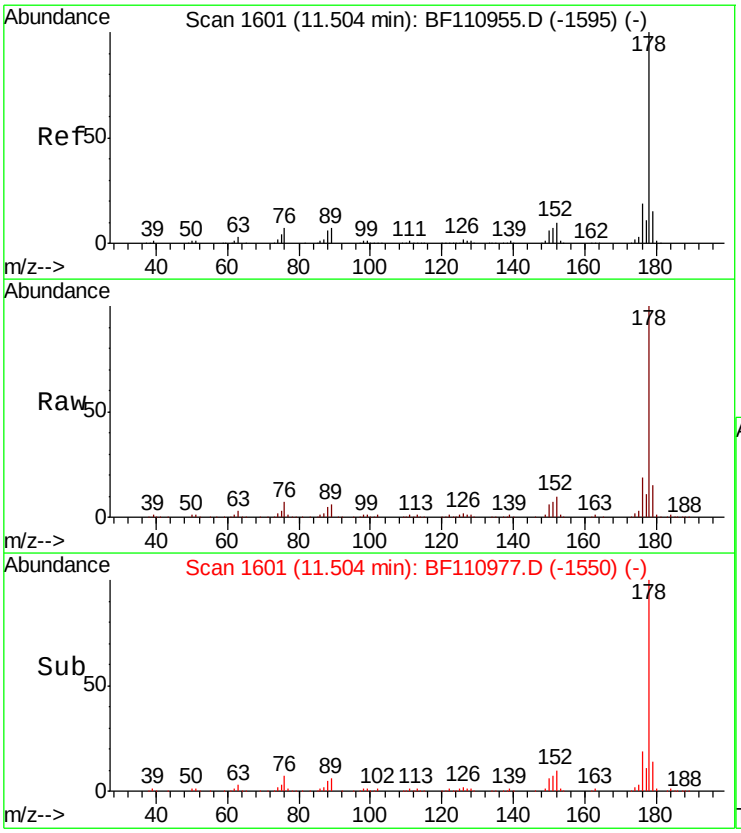
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.47 min Scan# 1596
Delta R.T. -0.00 min
Lab File: BF110977.D
Acq: 26 Nov 2018 21:28

Instrument :
BNA_F
ClientSampleId :
OR-02-112118-B

Tgt Ion:188 Resp: 149485

Ion	Ratio	Lower	Upper
188	100		
94	8.9	7.2	10.8
80	10.3	7.9	11.9

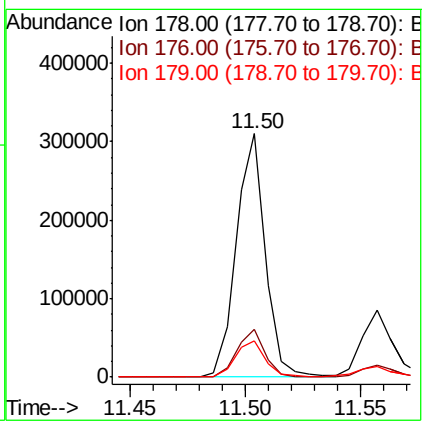


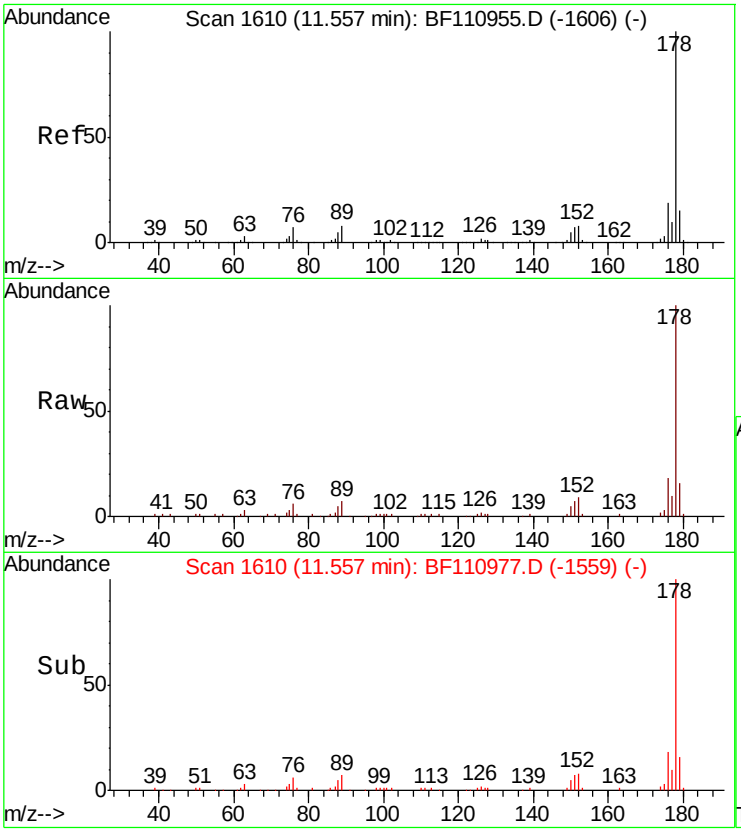


#71
Phenanthrene
Concen: 34.442 ng
RT: 11.50 min Scan# 1601
Delta R.T. -0.00 min
Lab File: BF110977.D
Acq: 26 Nov 2018 21:28

Tgt Ion:178 Resp: 272683

Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.5	23.3
179	14.6	12.5	18.7



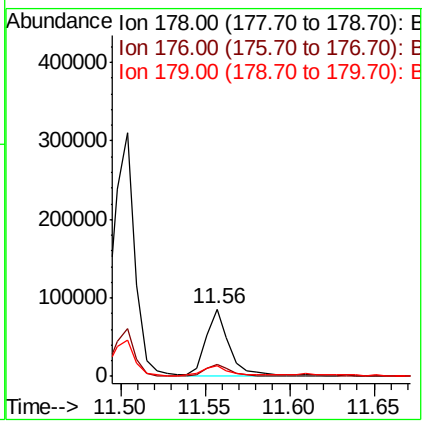


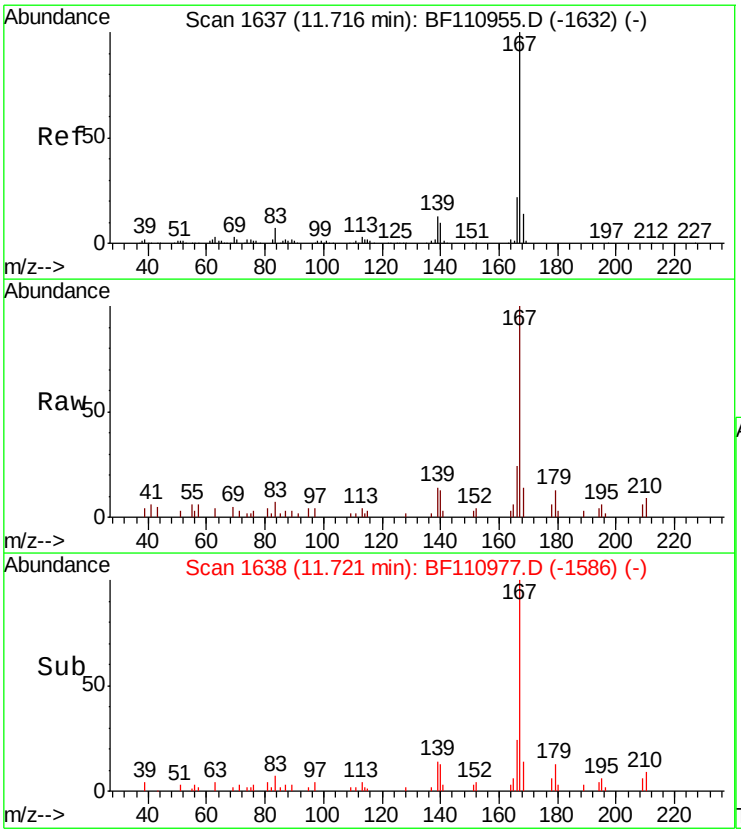
#72
Anthracene
Concen: 10.043 ng
RT: 11.56 min Scan# 1610
Delta R.T. -0.00 min
Lab File: BF110977.D
Acq: 26 Nov 2018 21:28

Instrument :
BNA_F
ClientSampleId :
OR-02-112118-B

Tgt Ion:178 Resp: 80975

Ion	Ratio	Lower	Upper
178	100		
176	17.6	15.4	23.2
179	15.8	12.6	18.8

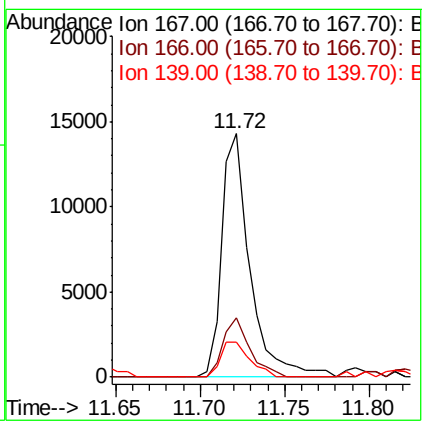


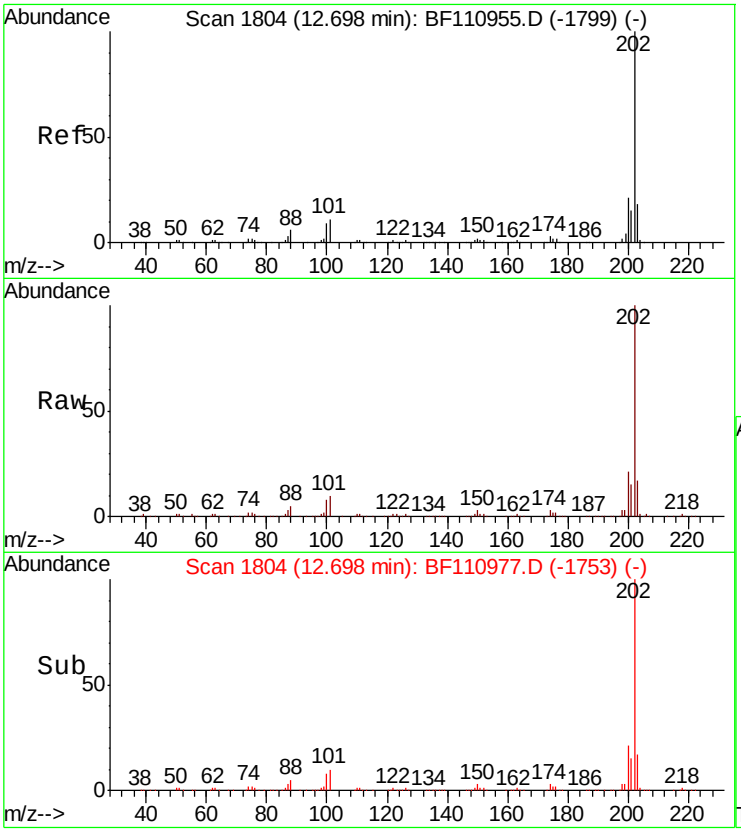


#73
Carbazole
Concen: 2.116 ng
RT: 11.72 min Scan# 1638
Delta R.T. 0.01 min
Lab File: BF110977.D
Acq: 26 Nov 2018 21:28

Tgt Ion:167 Resp: 16562

Ion	Ratio	Lower	Upper
167	100		
166	24.4	17.4	26.0
139	14.5	10.9	16.3



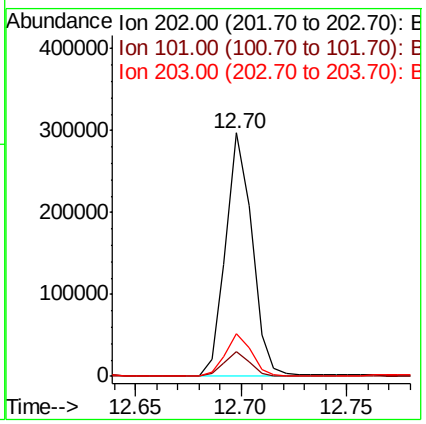


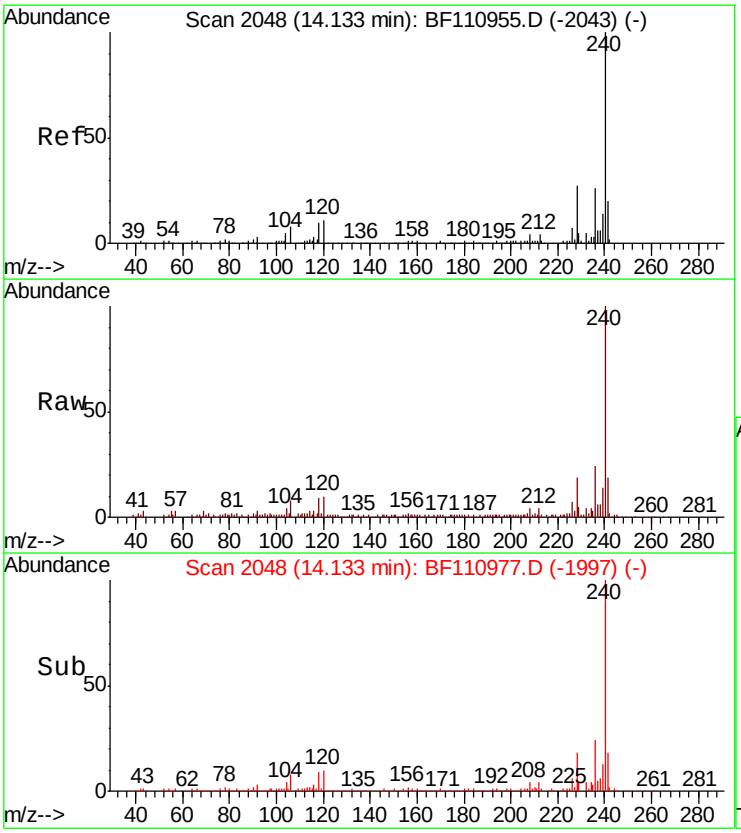
#75
Fluoranthene
Concen: 31.995 ng
RT: 12.70 min Scan# 1804
Delta R.T. -0.00 min
Lab File: BF110977.D
Acq: 26 Nov 2018 21:28

Instrument :
BNA_F
ClientSampleId :
OR-02-112118-B

Tgt Ion:202 Resp: 260345

Ion	Ratio	Lower	Upper
202	100		
101	10.3	0.0	31.4
203	17.5	0.0	37.7

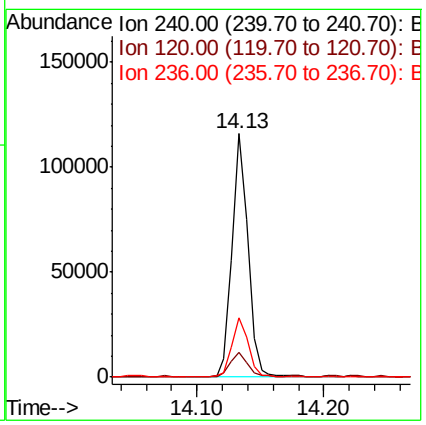


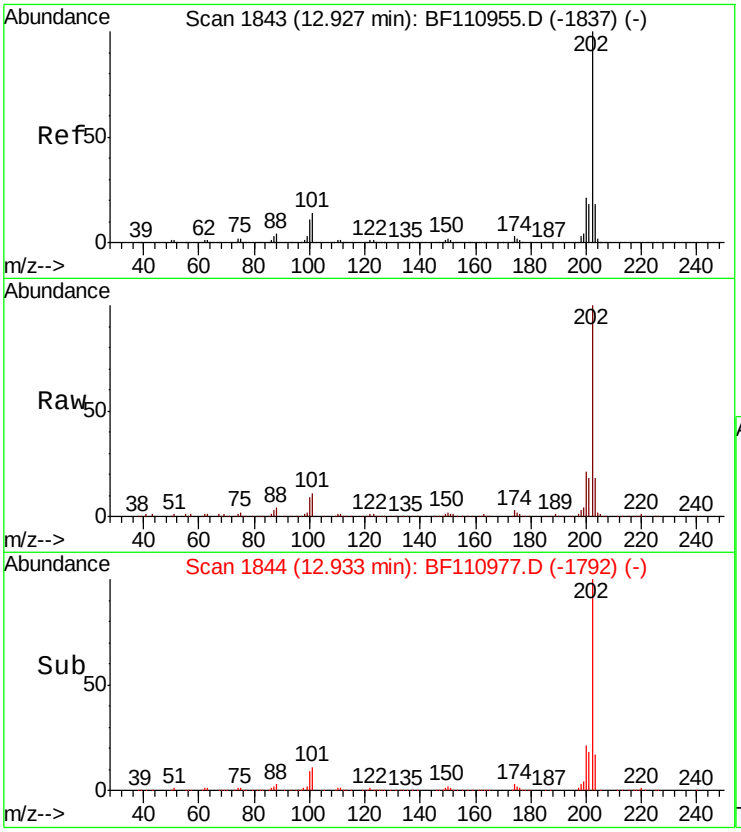


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.13 min Scan# 2048
Delta R.T. -0.00 min
Lab File: BF110977.D
Acq: 26 Nov 2018 21:28

Tgt Ion:240 Resp: 101095

Ion	Ratio	Lower	Upper
240	100		
120	10.0	8.3	12.5
236	24.3	21.2	31.8



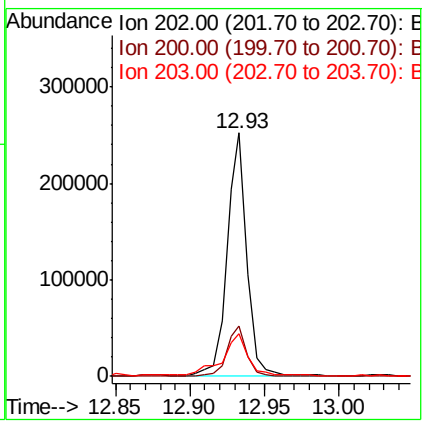


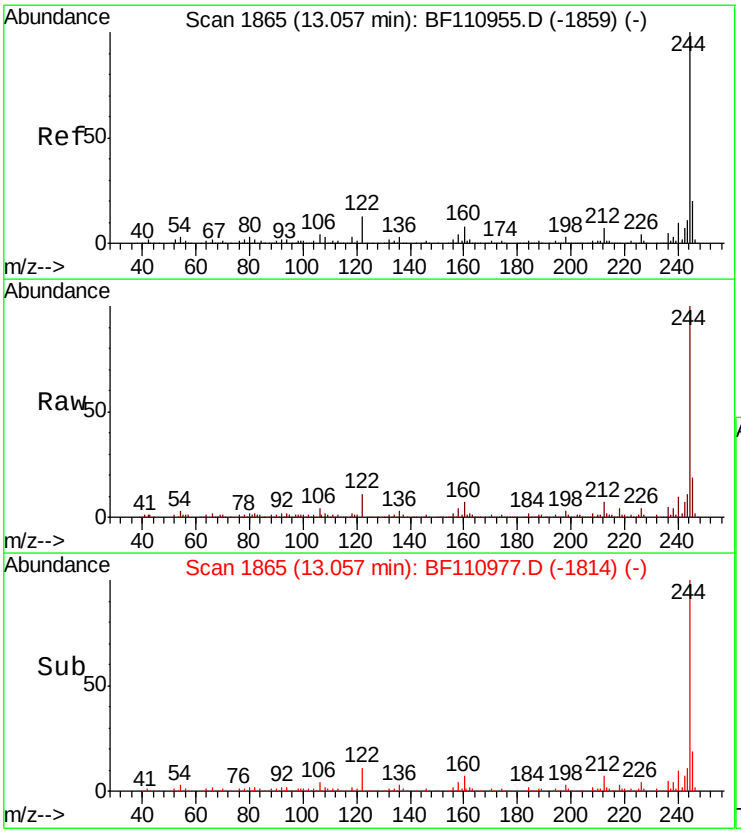
#78
Pyrene
Concen: 31.557 ng
RT: 12.93 min Scan# 1844
Delta R.T. 0.01 min
Lab File: BF110977.D
Acq: 26 Nov 2018 21:28

Instrument :
BNA_F
ClientSampleId :
OR-02-112118-B

Tgt Ion:202 Resp: 233006

Ion	Ratio	Lower	Upper
202	100		
200	20.9	17.8	26.6
203	17.6	14.2	21.4

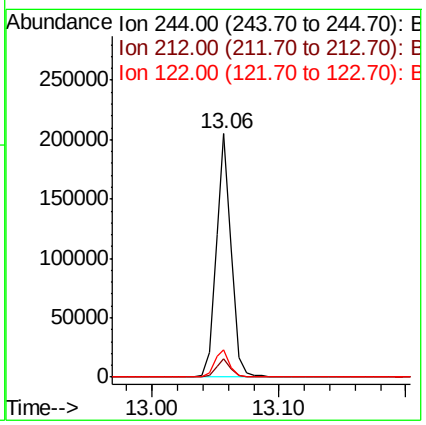


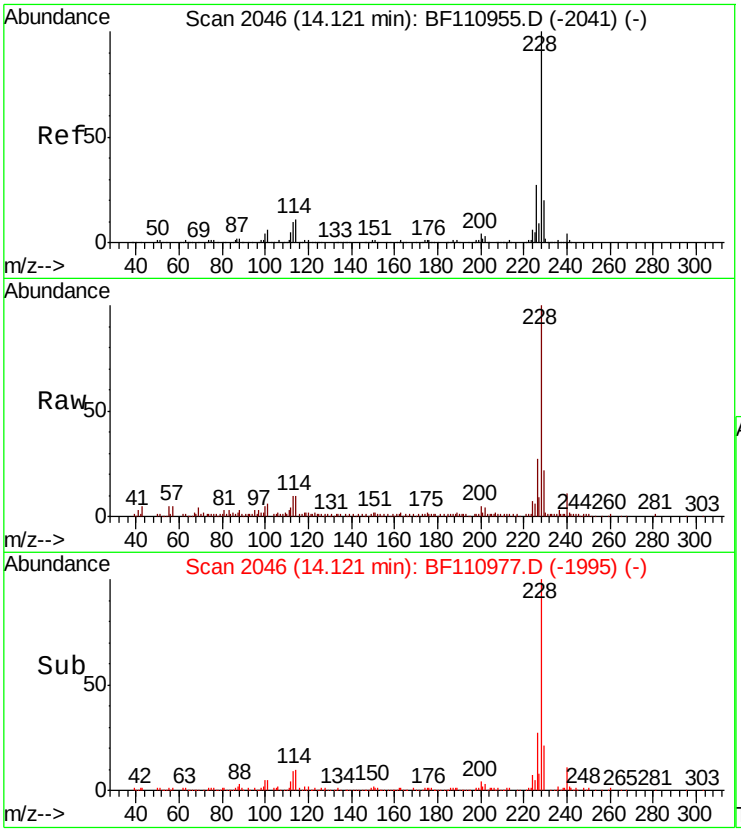


#79
Terphenyl-d14
Concen: 32.672 ng
RT: 13.06 min Scan# 1865
Delta R.T. -0.00 min
Lab File: BF110977.D
Acq: 26 Nov 2018 21:28

Tgt Ion:244 Resp: 169677

Ion	Ratio	Lower	Upper
244	100		
212	7.4	5.8	8.8
122	11.2	8.7	13.1



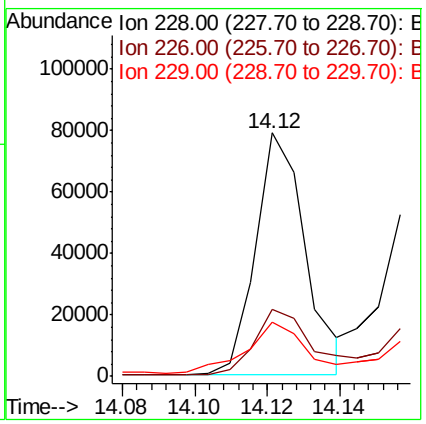


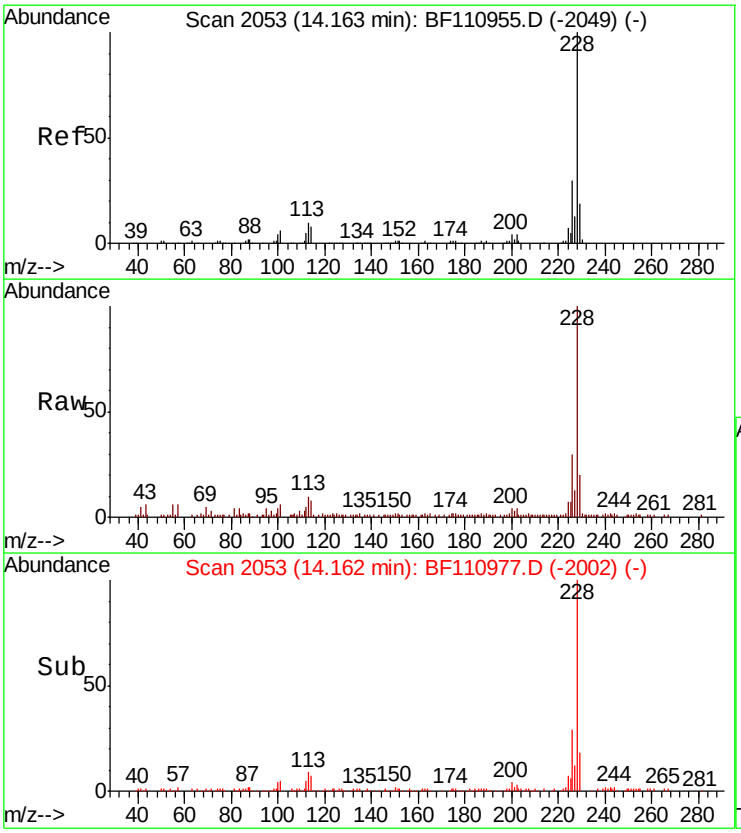
#81
Benzo(a)anthracene
Concen: 12.557 ng
RT: 14.12 min Scan# 2046
Delta R.T. -0.00 min
Lab File: BF110977.D
Acq: 26 Nov 2018 21:28

Instrument :
BNA_F
ClientSampleId :
OR-02-112118-B

Tgt Ion:228 Resp: 74945

Ion	Ratio	Lower	Upper
228	100		
226	27.5	22.1	33.1
229	22.4	15.6	23.4

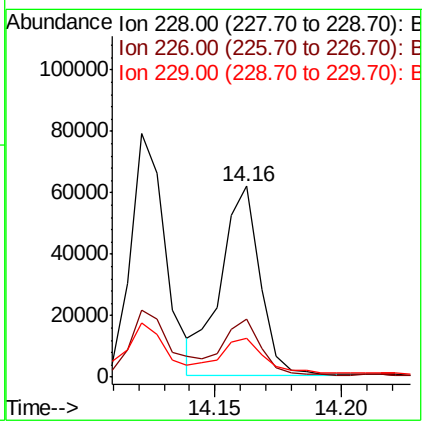


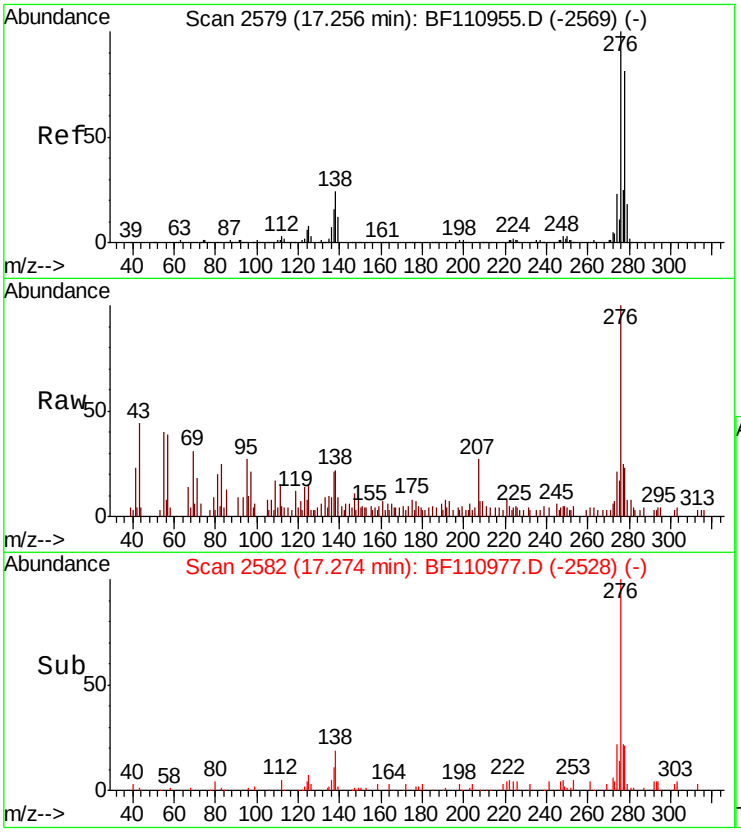


#83
Chrysene
Concen: 11.337 ng
RT: 14.16 min Scan# 2053
Delta R.T. -0.00 min
Lab File: BF110977.D
Acq: 26 Nov 2018 21:28

Tgt Ion:228 Resp: 66608

Ion	Ratio	Lower	Upper
228	100		
226	30.3	24.7	37.1
229	20.3	15.9	23.9



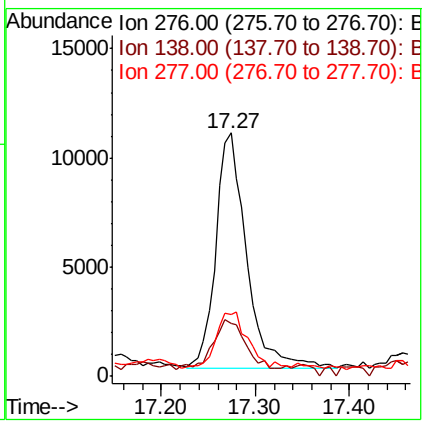


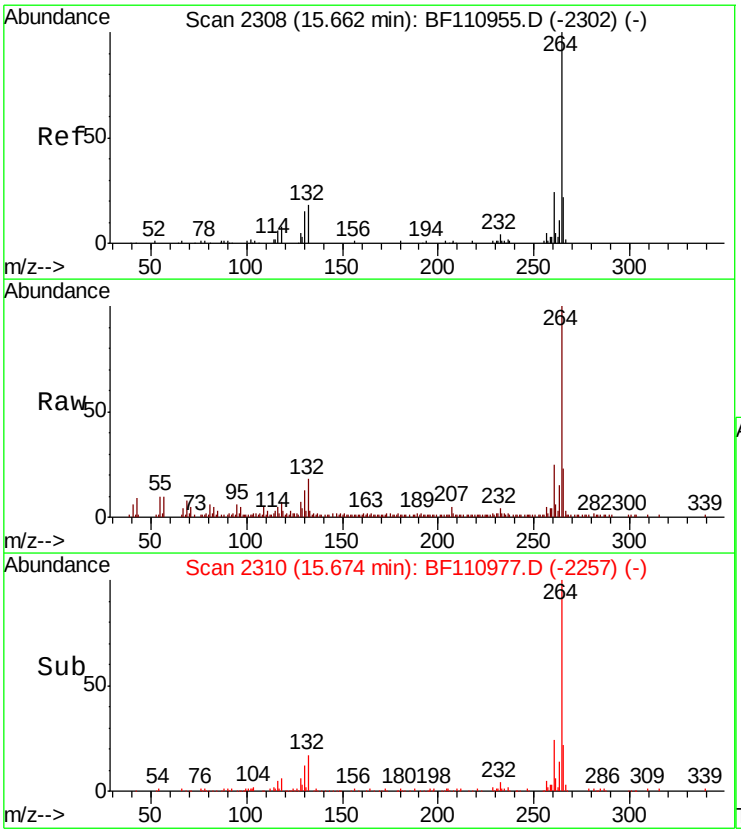
#86
Indeno(1,2,3-cd)pyrene
Concen: 5.829 ng
RT: 17.27 min Scan# 2582
Delta R.T. 0.02 min
Lab File: BF110977.D
Acq: 26 Nov 2018 21:28

Instrument :
BNA_F
ClientSampleId :
OR-02-112118-B

Tgt Ion:276 Resp: 24583

Ion	Ratio	Lower	Upper
276	100		
138	23.0	18.5	27.7
277	23.5	20.0	30.0

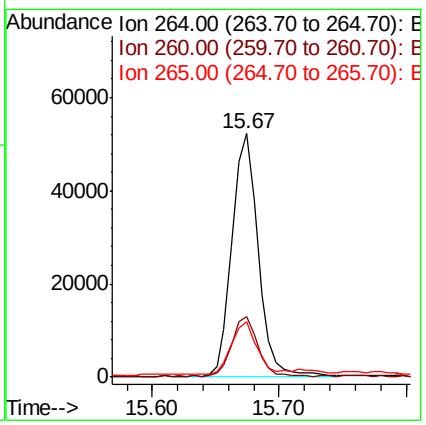


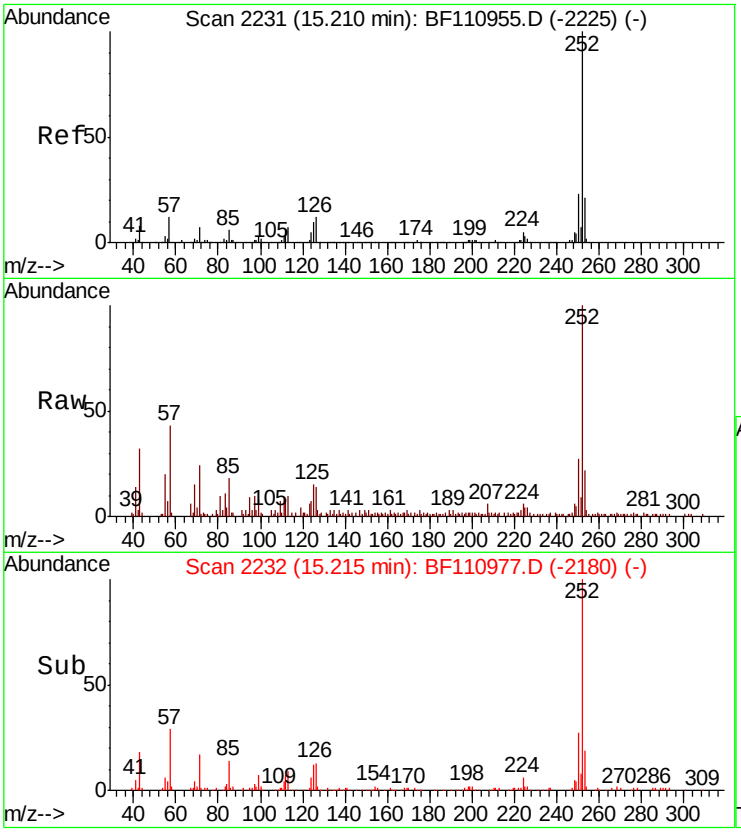


#87
Perylene-d12
Concen: 20.000 ng
RT: 15.67 min Scan# 2310
Delta R.T. 0.01 min
Lab File: BF110977.D
Acq: 26 Nov 2018 21:28

Tgt Ion:264 Resp: 75298

Ion	Ratio	Lower	Upper
264	100		
260	25.0	18.7	28.1
265	22.6	16.7	25.1



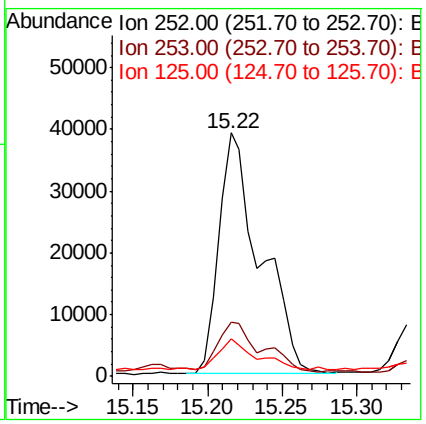


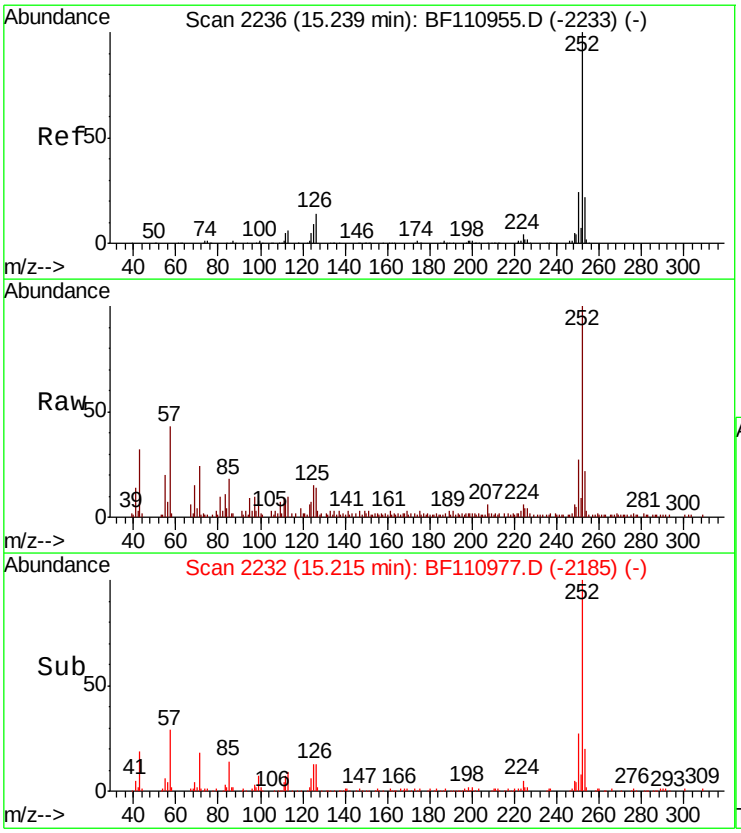
#88
Benzo(b)fluoranthene
Concen: 17.085 ng
RT: 15.22 min Scan# 2232
Delta R.T. 0.01 min
Lab File: BF110977.D
Acq: 26 Nov 2018 21:28

Instrument :
BNA_F
ClientSampleId :
OR-02-112118-B

Tgt Ion:252 Resp: 75575

Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.2	25.8
125	15.4	8.2	12.4#

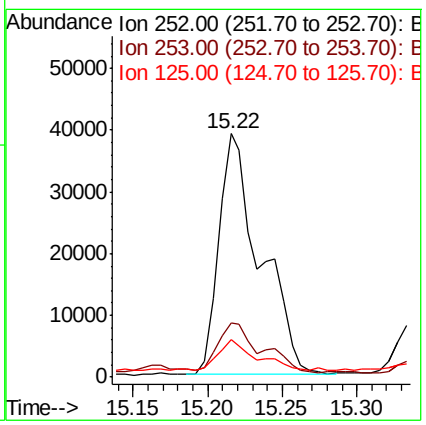


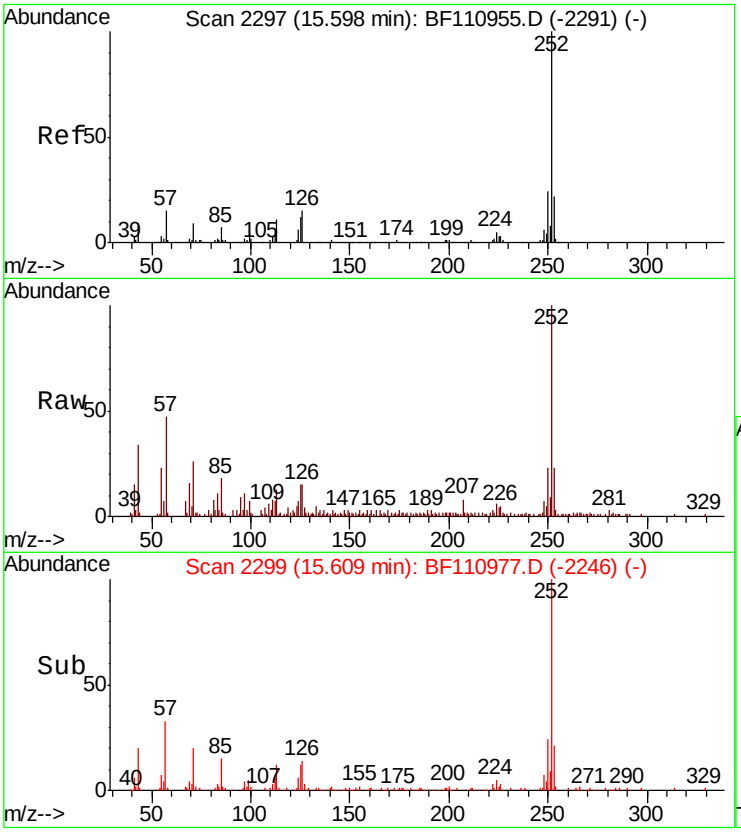


#89
Benzo(k)fluoranthene
Concen: 16.599 ng
RT: 15.22 min Scan# 2232
Delta R.T. -0.02 min
Lab File: BF110977.D
Acq: 26 Nov 2018 21:28

Tgt Ion:252 Resp: 75575

Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.2	25.8
125	15.4	7.4	11.0#



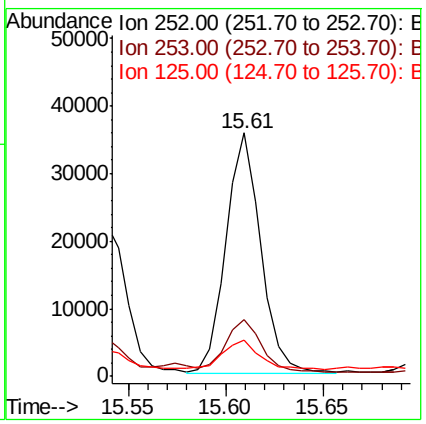


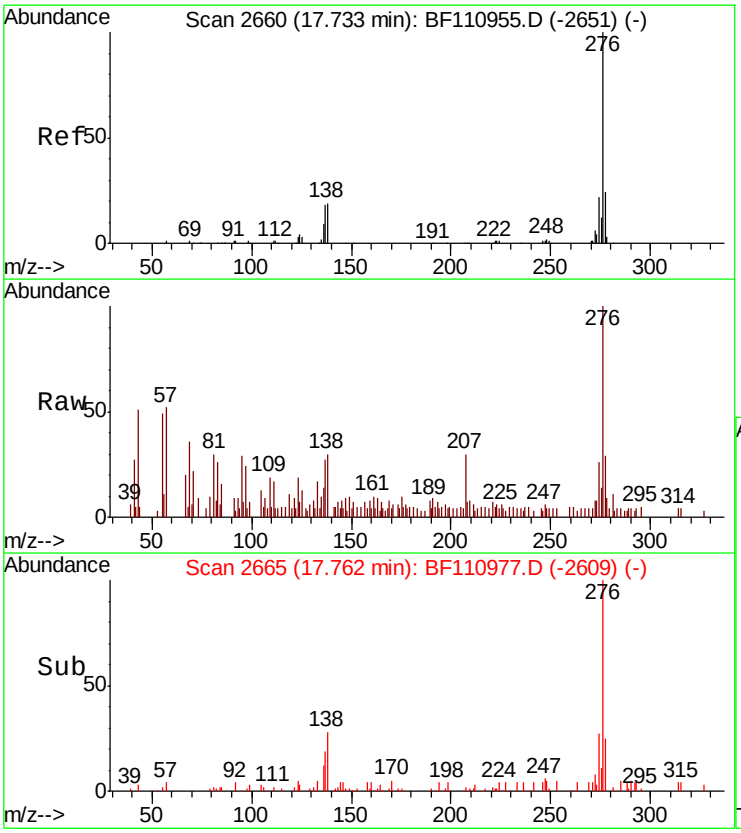
#90
Benzo(a)pyrene
Concen: 10.724 ng
RT: 15.61 min Scan# 2299
Delta R.T. 0.01 min
Lab File: BF110977.D
Acq: 26 Nov 2018 21:28

Instrument :
BNA_F
ClientSampleId :
OR-02-112118-B

Tgt Ion:252 Resp: 44158

Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.2	27.4
125	15.1	9.0	13.6#





#92
Benzo(g,h,i)perylene
Concen: 7.877 ng
RT: 17.76 min Scan# 2665
Delta R.T. 0.03 min
Lab File: BF110977.D
Acq: 26 Nov 2018 21:28

Tgt Ion:276 Resp: 25801

Ion	Ratio	Lower	Upper
276	100		
277	28.9	18.8	28.2#
138	30.2	16.0	24.0#