Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102218\
Data File : BF110047.D
Acq On : 22 Oct 2018 14:30
Operator : JU/SJ
Sample : J5198-05RE 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Oct 23 02:08:35 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF101518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 16 14:58:24 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	220339	20.00	ng		-0.01
21) Naphthalene-d8	8.25	136	847120	20.00	ng		-0.02
39) Acenaphthene-d10	10.01	164	347064	20.00	ng		-0.02
64) Phenanthrene-d10	11.50	188	539869	20.00	ng		-0.01
76) Chrysene-d12	14.15	240	415959	20.00	ng		-0.01
87) Perylene-d12	15.67	264	342204	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.58	112	681284	49.01	ng		-0.02
7) Phenol-d6	6.59	99	846020	49.01	ng		-0.02
23) Nitrobenzene-d5	7.53	82	521882	41.50	ng		-0.02
42) 2,4,6-Tribromophenol	10.80	330	143859	47.88	ng		-0.02
45) 2-Fluorobiphenyl	9.33	172	889087	40.88	ng		-0.01
79) Terphenyl-d14	13.09	244	650056	32.82	ng		-0.02
Target Compounds							Qvalue
10) Phenol	6.60	94	81730	4.386	ng	#	62
25) Isophorone	7.53	82	520354	21.059	ng	#	67
31) Naphthalene	8.27	128	97107	2.500	ng		98
49) Acenaphthylene	9.87	152	84181	2.544	ng		97
50) Dimethylphthalate	9.72	163	129510	5.270	ng		99
57) 2,4-Dinitrotoluene	10.01	165	46650	11.739	ng	#	19
65) 4,6-Dinitro-2-methylphenol	10.80	198	448	8.096	ng	#	1
71) Phenanthrene	11.53	178	298867	10.693	ng		100
72) Anthracene	11.57	178	82536	2.937	ng		99
75) Fluoranthene	12.72	202	600029	21.490	ng		99
78) Pyrene	12.95	202	637270	20.859	ng		99
81) Benzo(a)anthracene	14.17	228	289626	11.821	ng		94
83) Chrysene	14.17	228	289626	12.419	ng		98
86) Indeno(1,2,3-cd)pyrene	17.23	276	189399	10.087	ng		99
88) Benzo(b)fluoranthene	15.22	252	484906	24.579	ng	#	95
89) Benzo(k)fluoranthene	15.22	252	484906	24.936	ng	#	94
90) Benzo(a)pyrene	15.61	252	279765	15.418	ng	#	95
91) Dibenzo(a,h)anthracene	17.24	278	43518	2.706	ng	#	81
92) Benzo(g,h,i)perylene	17.71	276	201552	12.405	ng	#	95

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102218\
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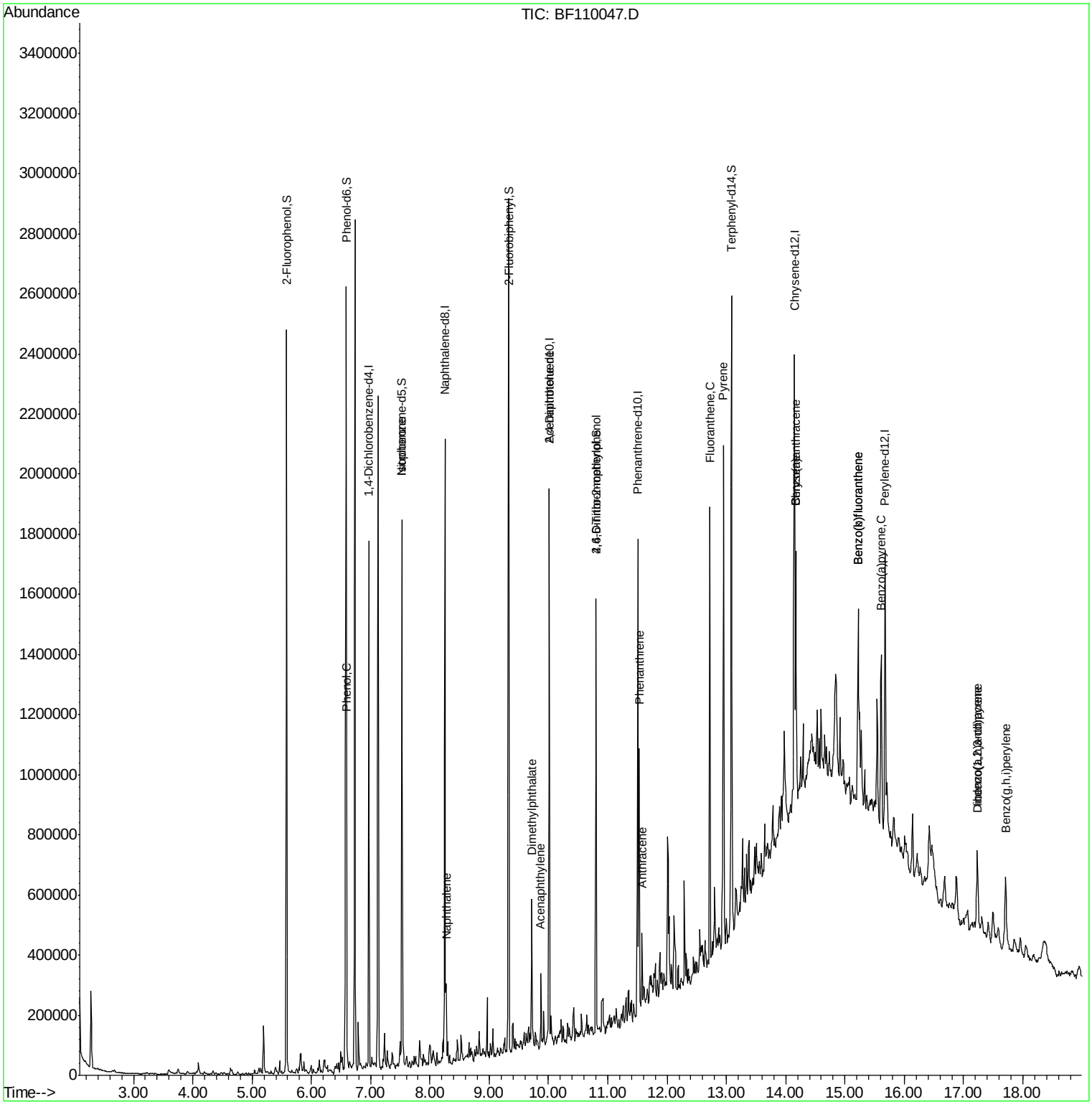
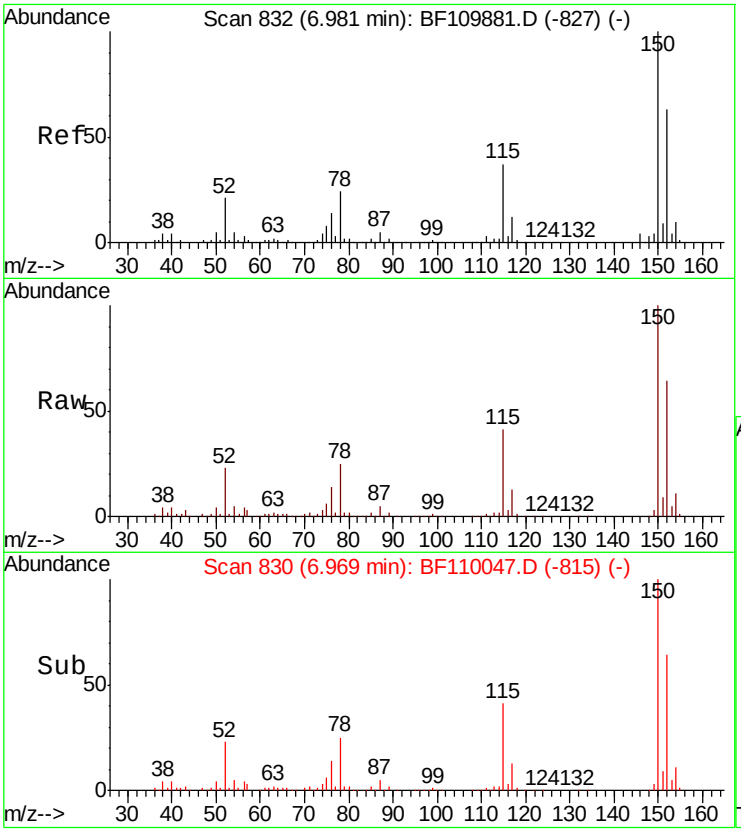
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Oct 23 02:08:35 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF101518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 16 14:58:24 2018
Response via : Initial Calibration



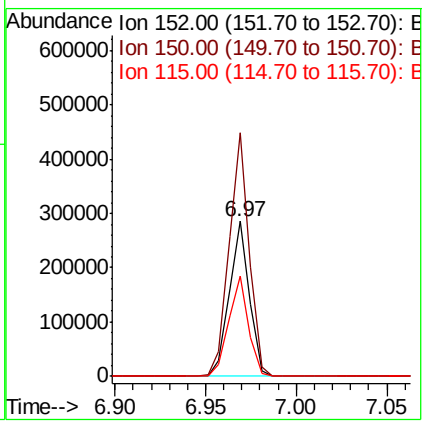


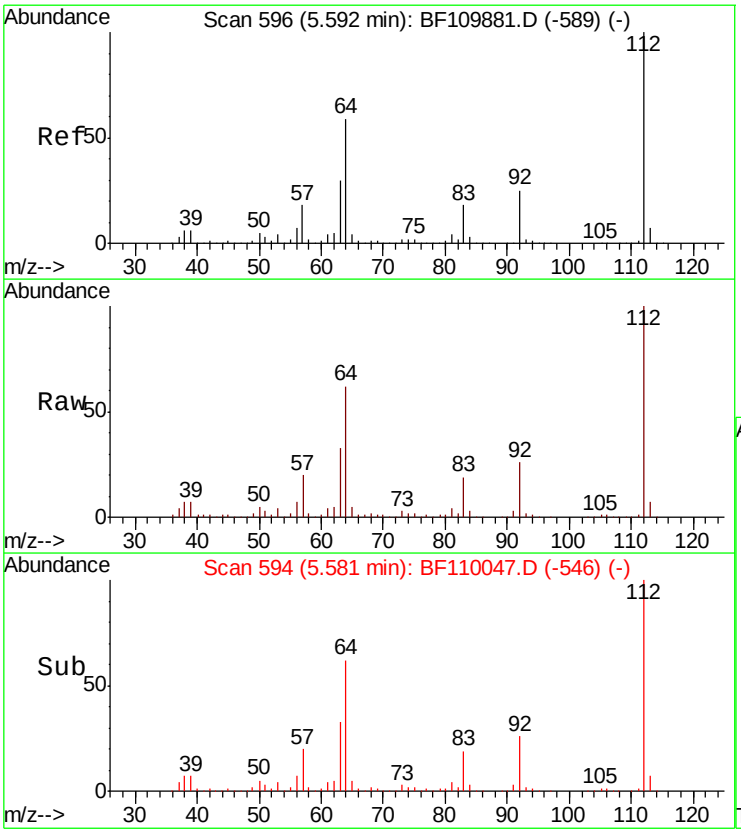
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 830
Delta R.T. -0.01 min
Lab File: BF110047.D
Acq: 22 Oct 2018 14:30

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 220339

Ion	Ratio	Lower	Upper
152	100		
150	156.8	122.7	184.1
115	64.8	49.1	73.7

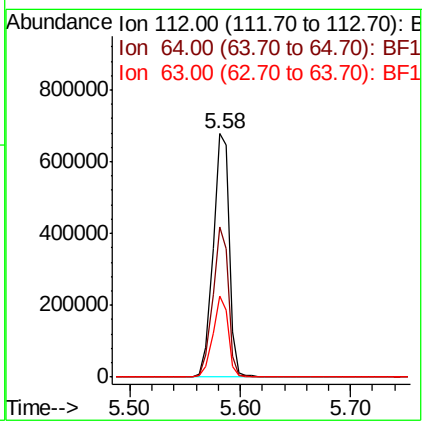


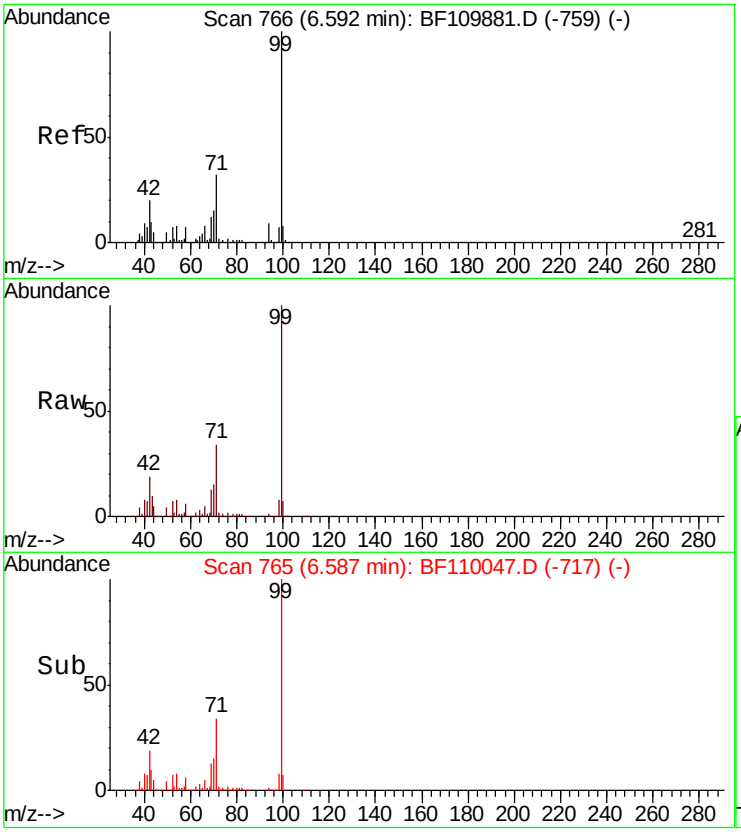


#5
2-Fluorophenol
Concen: 49.012 ng
RT: 5.58 min Scan# 594
Delta R.T. -0.02 min
Lab File: BF110047.D
Acq: 22 Oct 2018 14:30

Tgt Ion:112 Resp: 681284

Ion	Ratio	Lower	Upper
112	100		
64	61.6	44.1	66.1
63	33.3	23.7	35.5



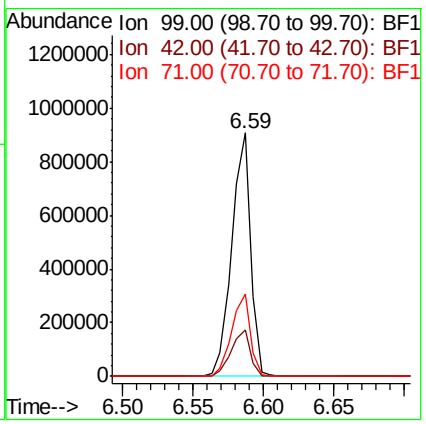


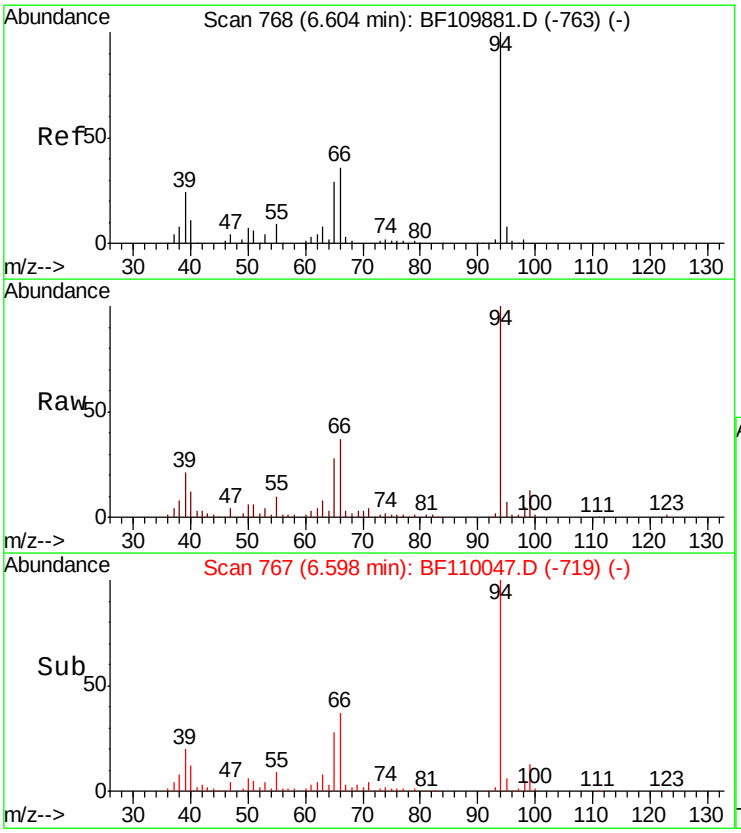
#7
Phenol-d6
Concen: 49.015 ng
RT: 6.59 min Scan# 765
Delta R.T. -0.02 min
Lab File: BF110047.D
Acq: 22 Oct 2018 14:30

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 846020

Ion	Ratio	Lower	Upper
99	100		
42	19.3	15.8	23.6
71	33.9	28.0	42.0

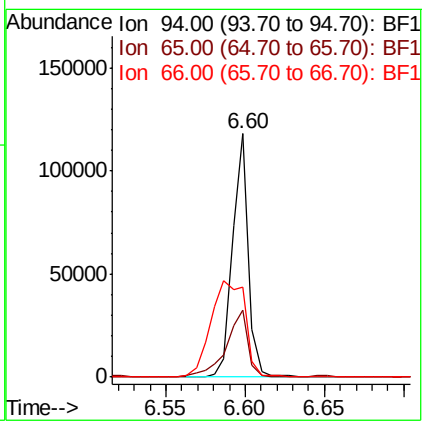


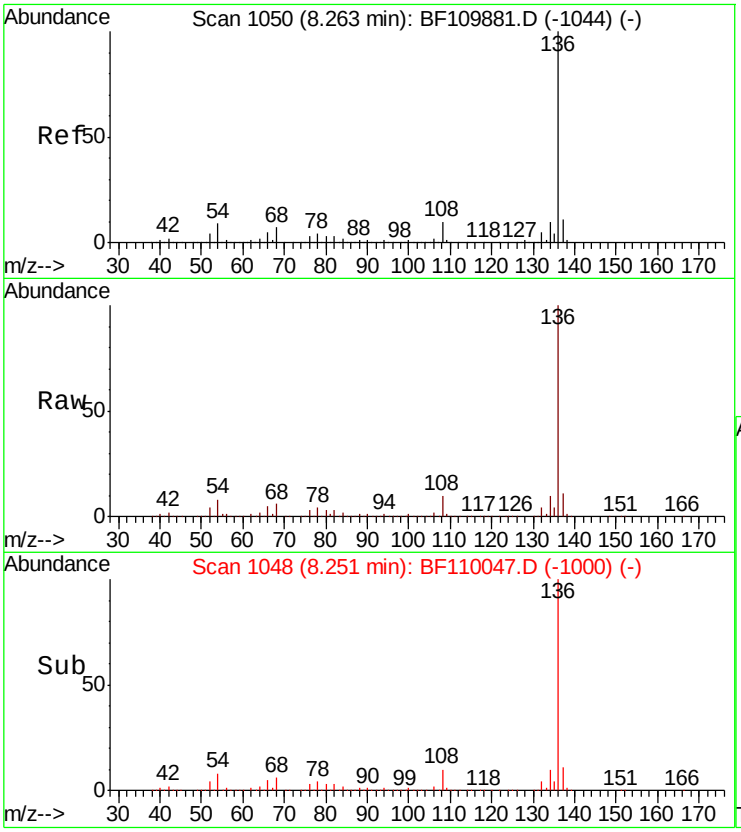


#10
Phenol
Concen: 4.386 ng
RT: 6.60 min Scan# 767
Delta R.T. -0.02 min
Lab File: BF110047.D
Acq: 22 Oct 2018 14:30

Tgt Ion: 94 Resp: 81730

Ion	Ratio	Lower	Upper
94	100		
65	27.6	25.3	65.3
66	37.0	54.5	94.5#



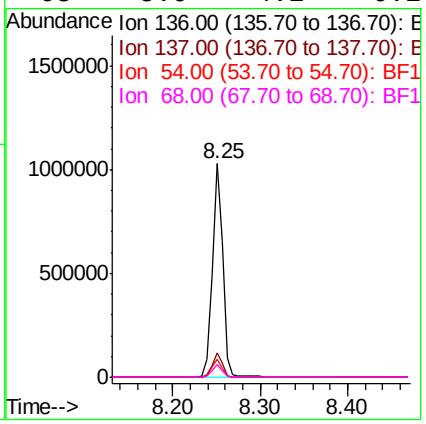


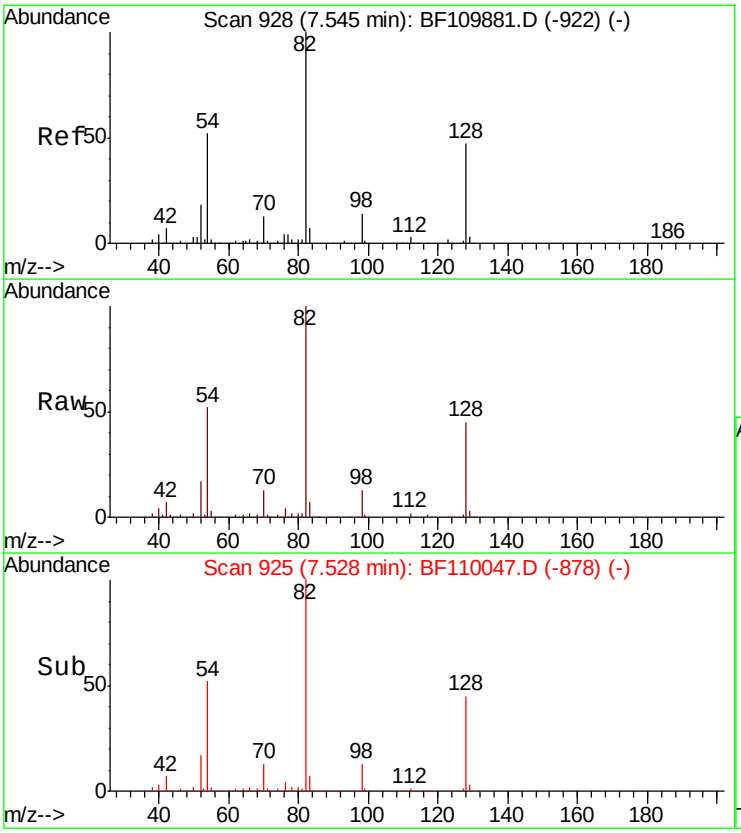
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1048
Delta R.T. -0.02 min
Lab File: BF110047.D
Acq: 22 Oct 2018 14:30

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 847120

Ion	Ratio	Lower	Upper
136	100		
137	11.5	8.8	13.2
54	8.4	5.4	8.2#
68	5.9	4.2	6.2

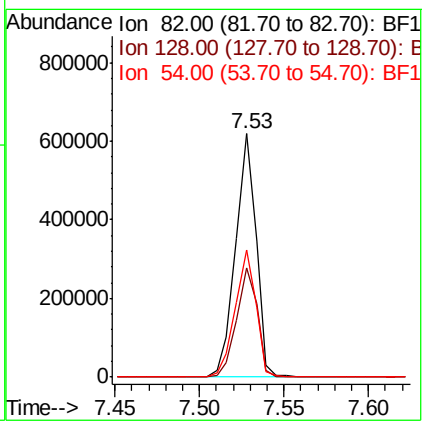


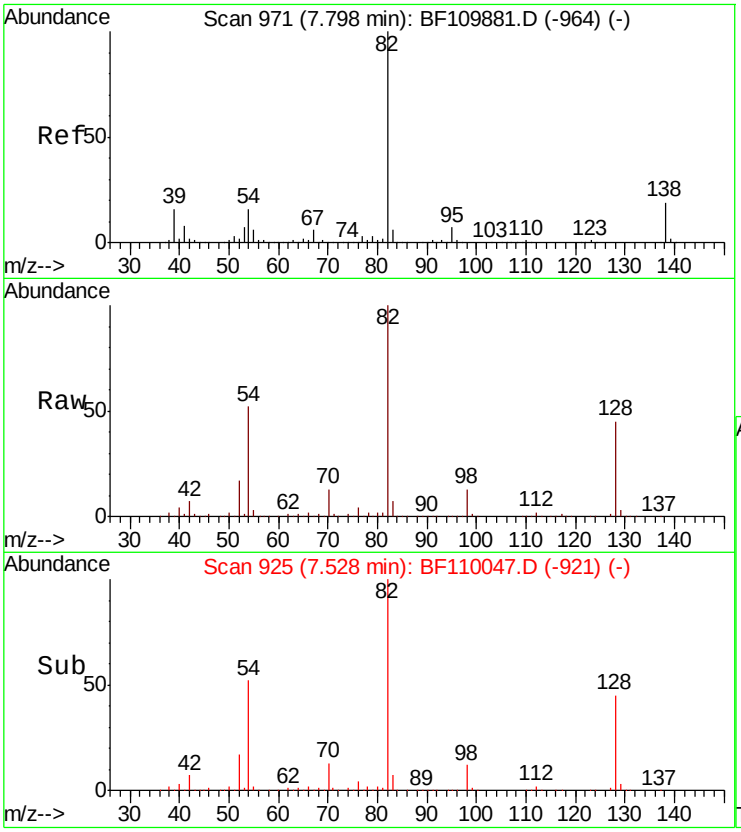


#23
Nitrobenzene-d5
Concen: 41.501 ng
RT: 7.53 min Scan# 925
Delta R.T. -0.02 min
Lab File: BF110047.D
Acq: 22 Oct 2018 14:30

Tgt Ion: 82 Resp: 521882

Ion	Ratio	Lower	Upper
82	100		
128	45.1	34.2	51.2
54	52.0	38.6	58.0



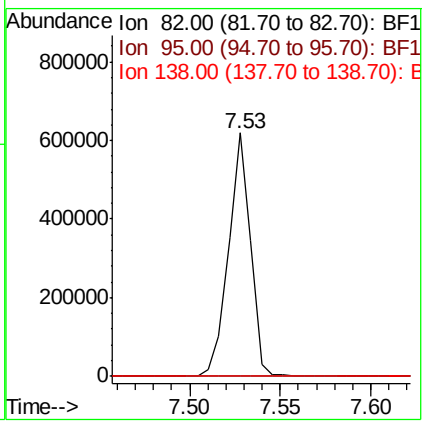


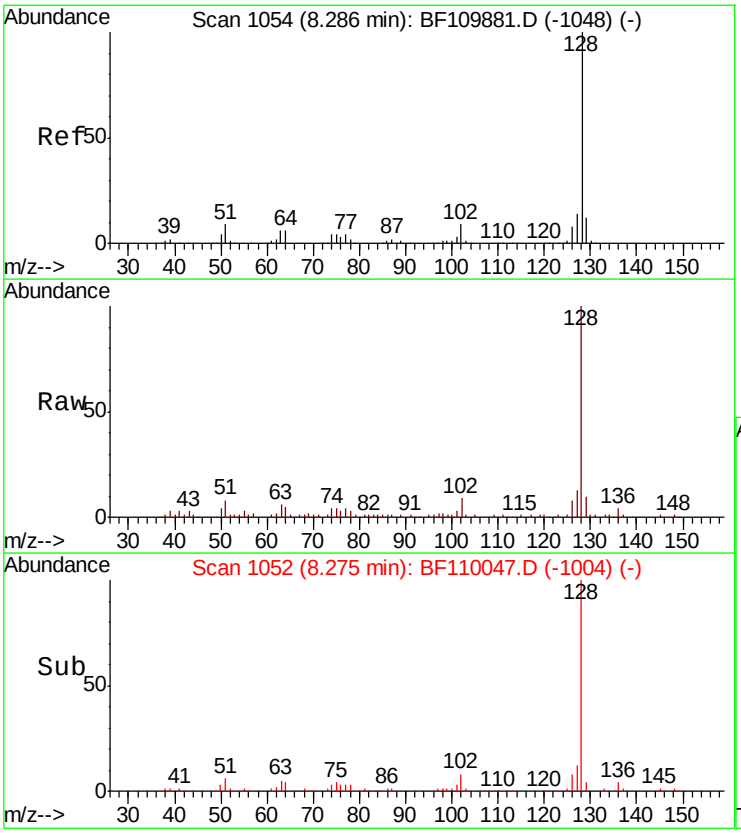
#25
Isophorone
Concen: 21.059 ng
RT: 7.53 min Scan# 925
Delta R.T. -0.28 min
Lab File: BF110047.D
Acq: 22 Oct 2018 14:30

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 520354

Ion	Ratio	Lower	Upper
82	100		
95	0.2	5.7	8.5#
138	0.0	13.2	19.8#

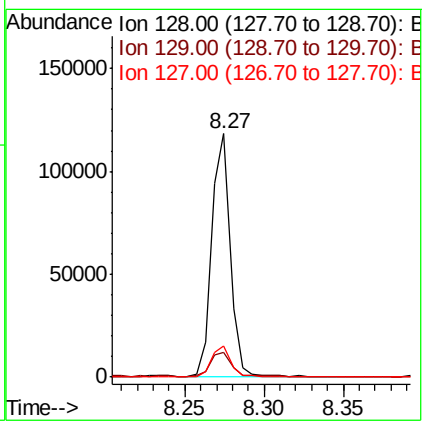


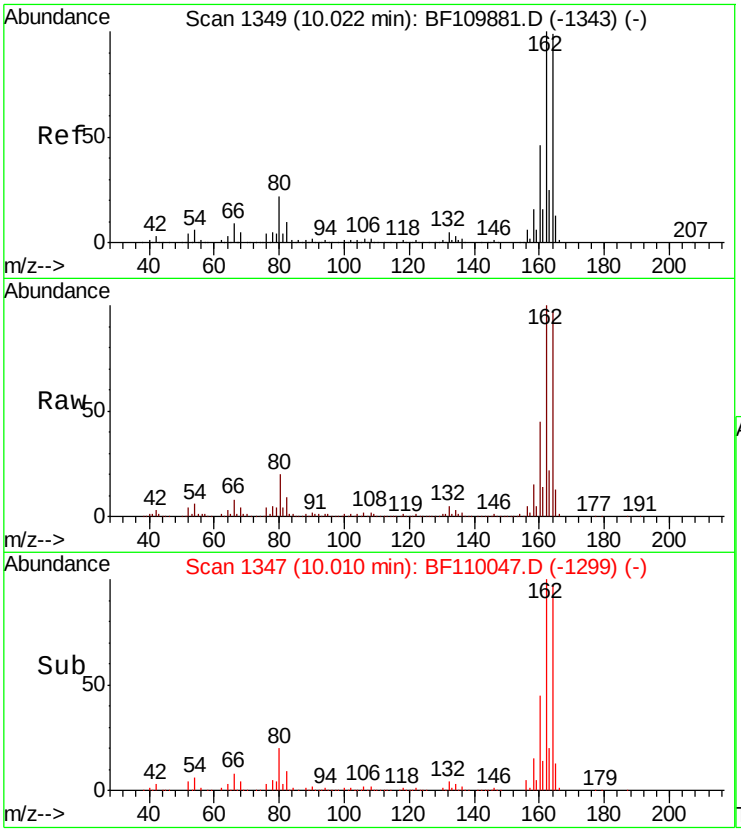


#31
Naphthalene
Concen: 2.500 ng
RT: 8.27 min Scan# 1052
Delta R.T. -0.02 min
Lab File: BF110047.D
Acq: 22 Oct 2018 14:30

Tgt Ion:128 Resp: 97107

Ion	Ratio	Lower	Upper
128	100		
129	10.2	8.8	13.2
127	12.9	10.8	16.2



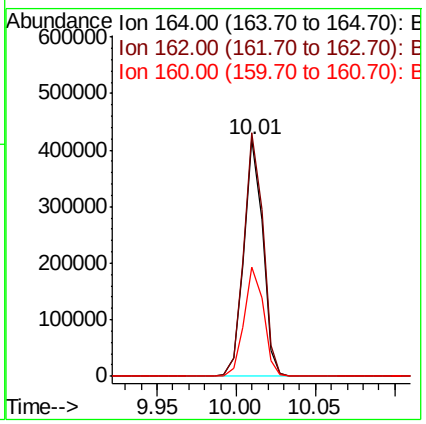


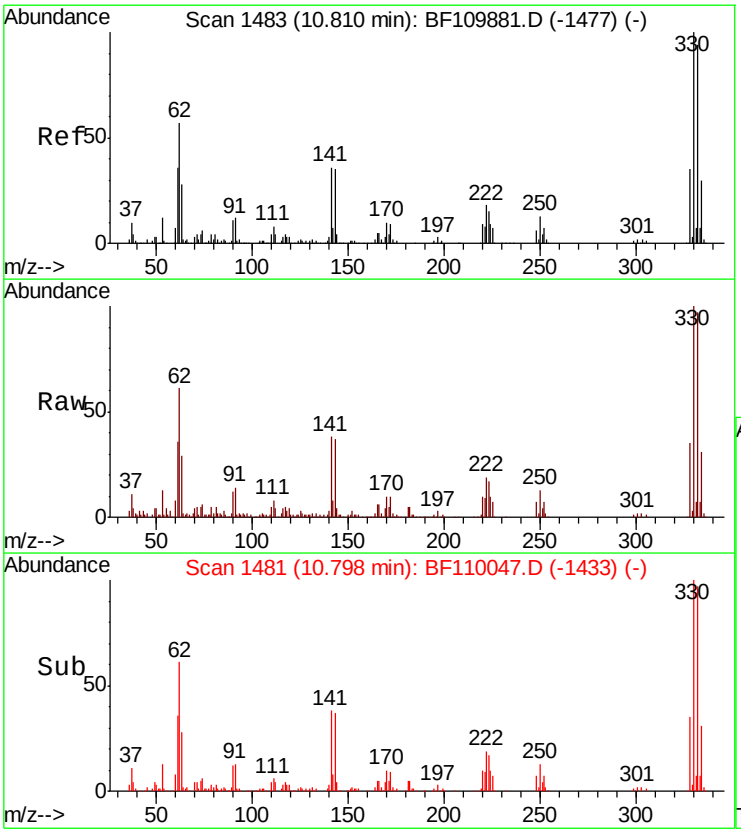
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.01 min Scan# 1347
Delta R.T. -0.02 min
Lab File: BF110047.D
Acq: 22 Oct 2018 14:30

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 347064

Ion	Ratio	Lower	Upper
164	100		
162	102.9	83.0	124.6
160	45.9	37.0	55.6

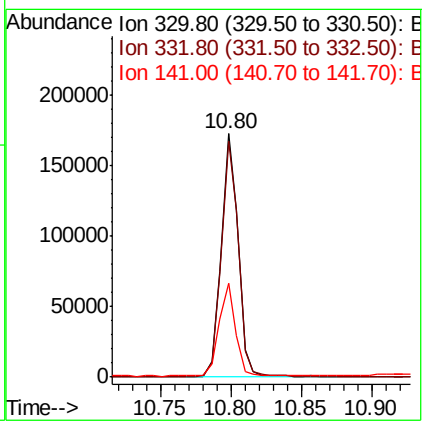


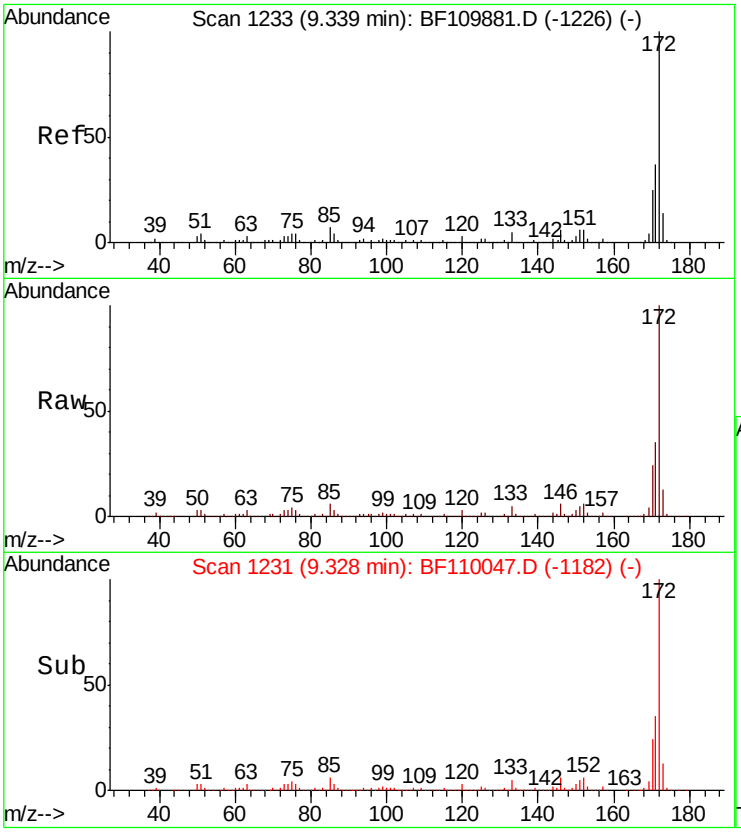


#42
2,4,6-Tribromophenol
Concen: 47.877 ng
RT: 10.80 min Scan# 1481
Delta R.T. -0.02 min
Lab File: BF110047.D
Acq: 22 Oct 2018 14:30

Tgt Ion:330 Resp: 143859

Ion	Ratio	Lower	Upper
330	100		
332	97.8	77.1	115.7
141	37.7	27.0	40.4



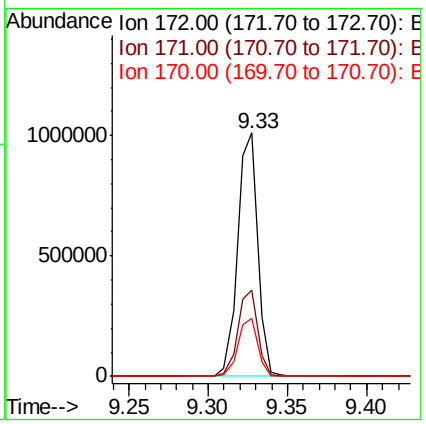


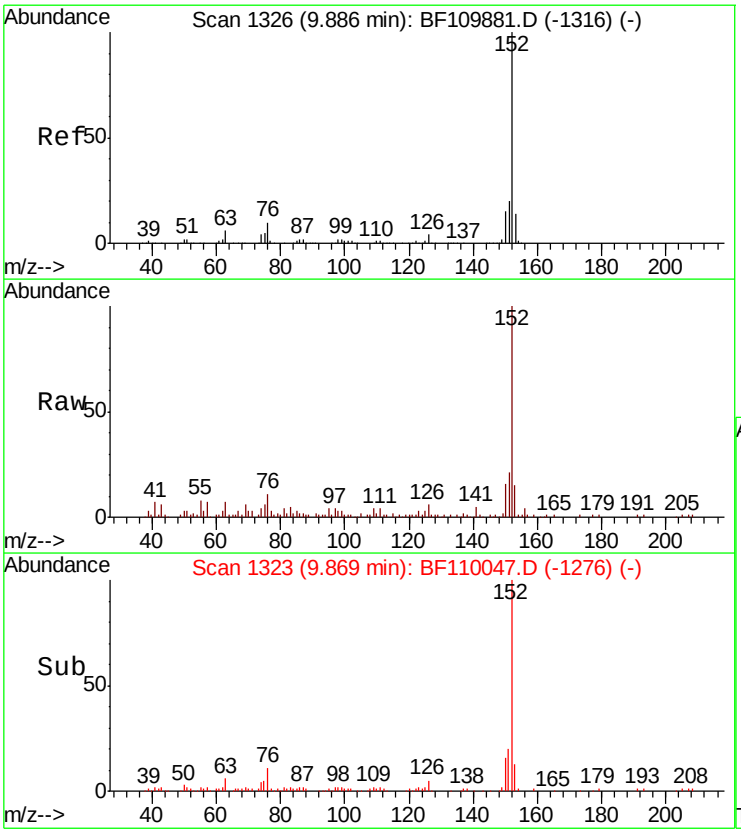
#45
2-Fluorobiphenyl
Concen: 40.877 ng
RT: 9.33 min Scan# 1231
Delta R.T. -0.01 min
Lab File: BF110047.D
Acq: 22 Oct 2018 14:30

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 889087

Ion	Ratio	Lower	Upper
172	100		
171	35.3	28.6	43.0
170	23.7	19.7	29.5

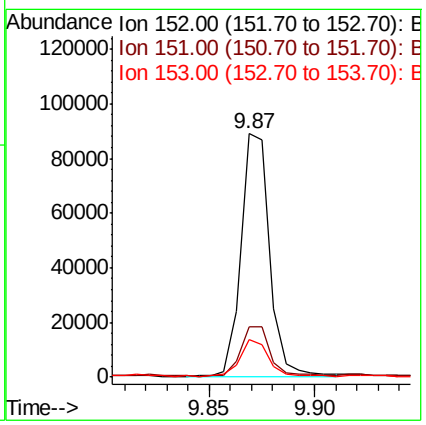


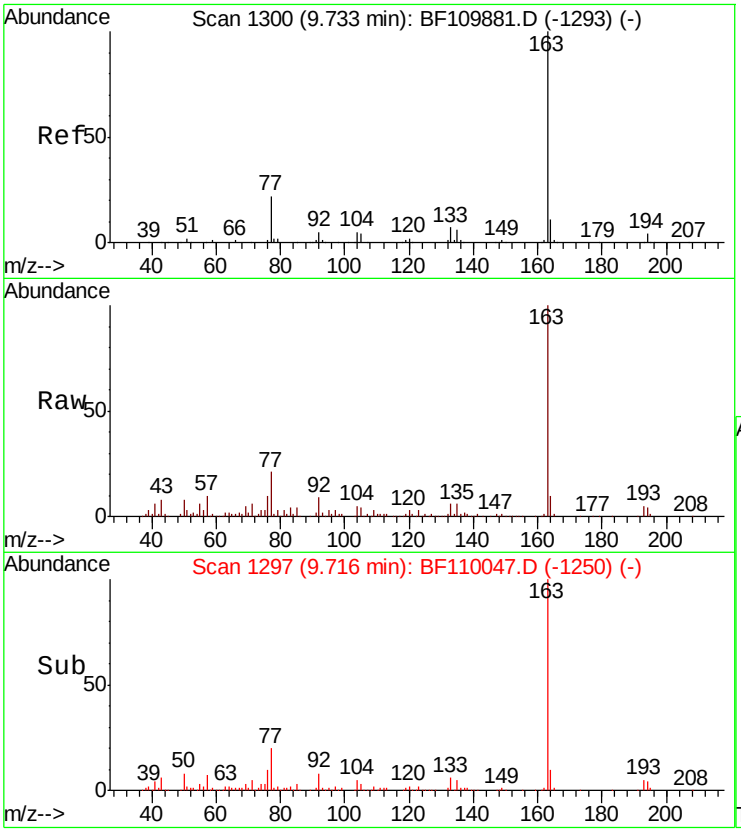


#49
Acenaphthylene
Concen: 2.544 ng
RT: 9.87 min Scan# 1323
Delta R.T. -0.02 min
Lab File: BF110047.D
Acq: 22 Oct 2018 14:30

Tgt Ion:152 Resp: 84181

Ion	Ratio	Lower	Upper
152	100		
151	20.5	15.8	23.8
153	15.2	10.4	15.6



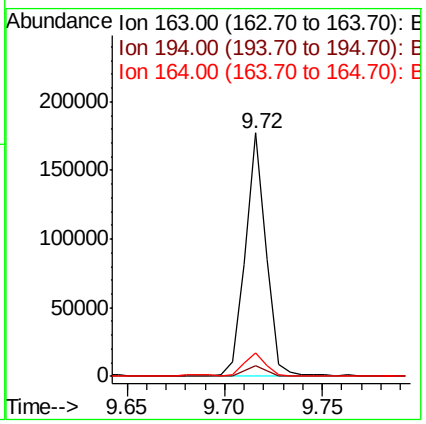


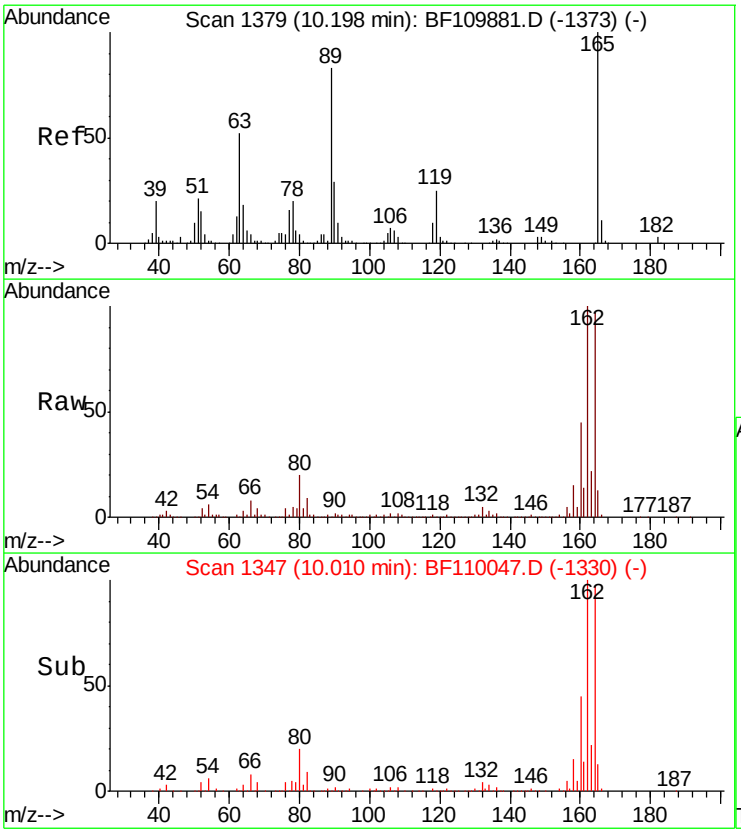
#50
Dimethylphthalate
Concen: 5.270 ng
RT: 9.72 min Scan# 1297
Delta R.T. -0.02 min
Lab File: BF110047.D
Acq: 22 Oct 2018 14:30

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:163 Resp: 129510

Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.2	4.8
164	9.8	8.1	12.1

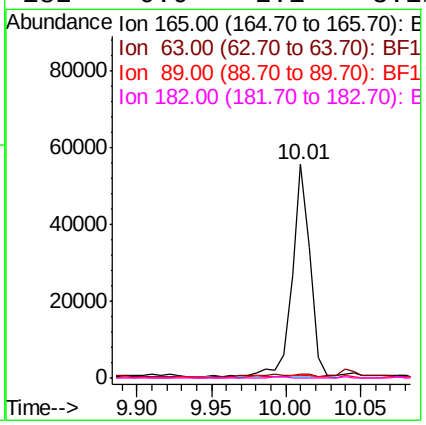


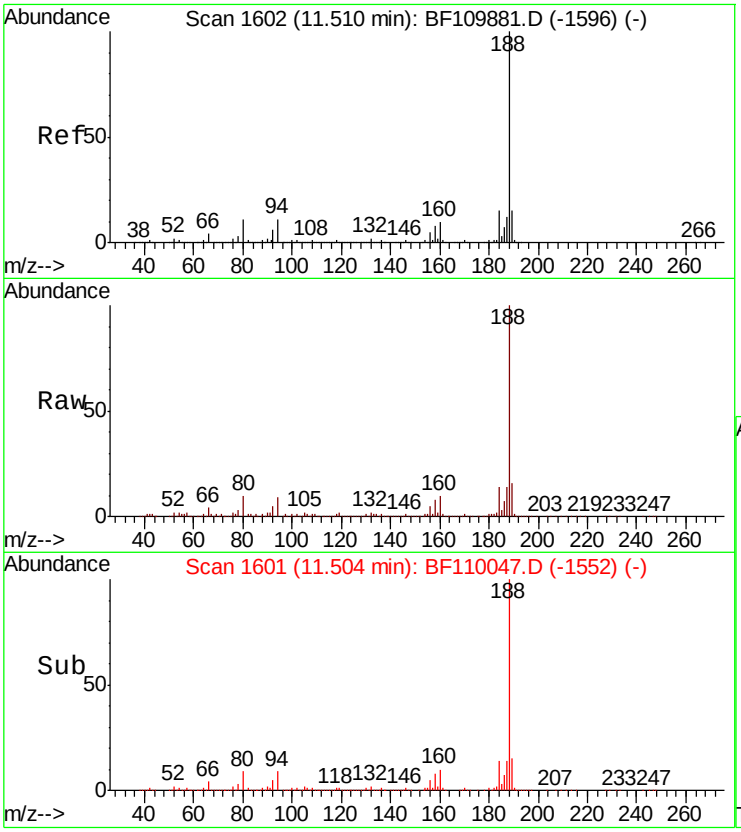


#57
2,4-Dinitrotoluene
Concen: 11.739 ng
RT: 10.01 min Scan# 1347
Delta R.T. -0.20 min
Lab File: BF110047.D
Acq: 22 Oct 2018 14:30

Tgt Ion:165 Resp: 46650

Ion	Ratio	Lower	Upper
165	100		
63	1.9	44.8	67.2#
89	1.4	62.2	93.4#
182	0.0	2.1	3.1#



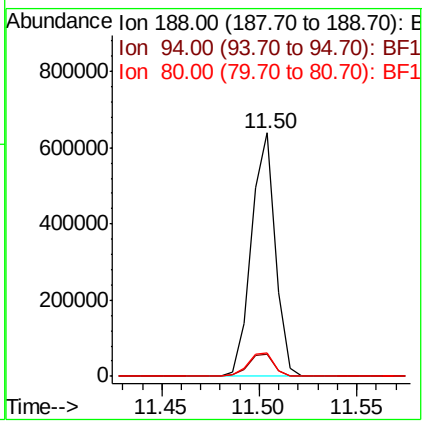


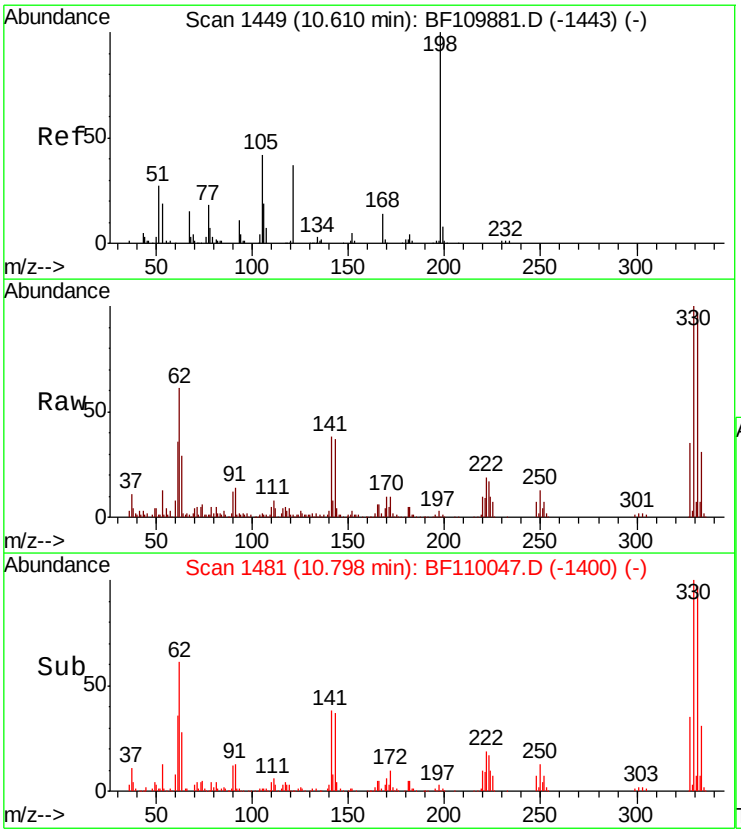
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1601
Delta R.T. -0.01 min
Lab File: BF110047.D
Acq: 22 Oct 2018 14:30

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 539869

Ion	Ratio	Lower	Upper
188	100		
94	9.0	7.2	10.8
80	9.6	7.9	11.9

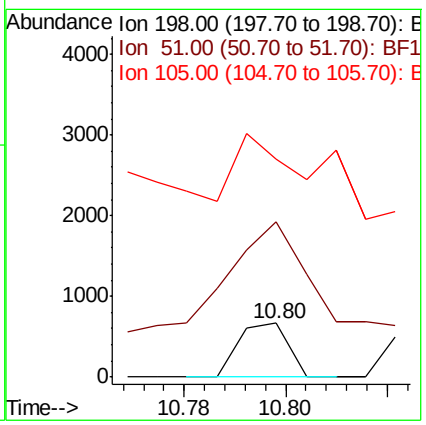


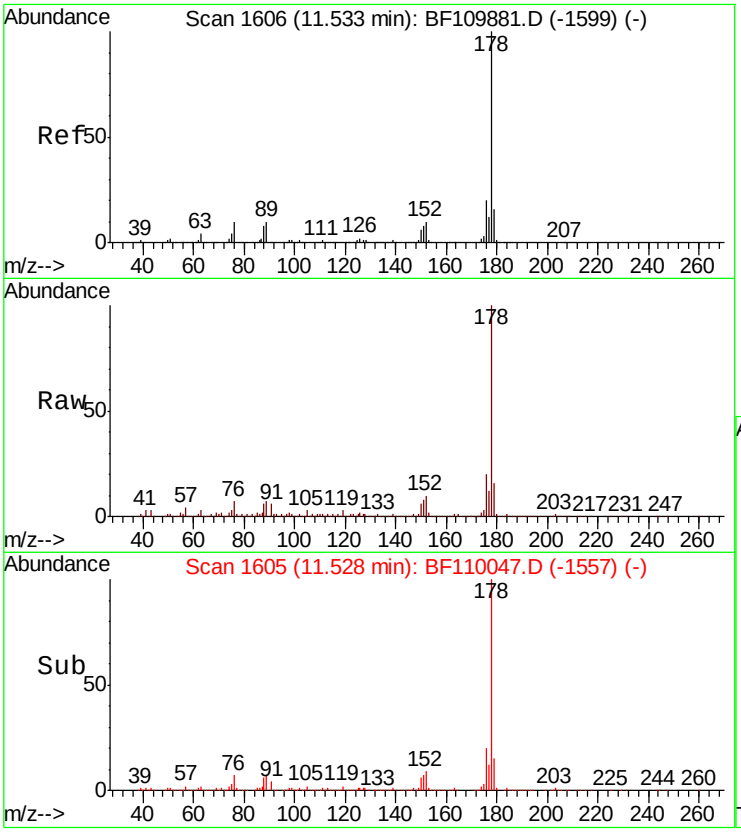


#65
4,6-Dinitro-2-methylphenol
Concen: 8.096 ng
RT: 10.80 min Scan# 1481
Delta R.T. 0.18 min
Lab File: BF110047.D
Acq: 22 Oct 2018 14:30

Tgt Ion:198 Resp: 448

Ion	Ratio	Lower	Upper
198	100		
51	289.2	22.8	62.8#
105	406.5	23.6	63.6#



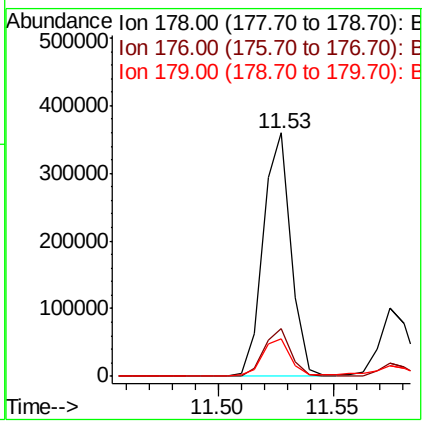


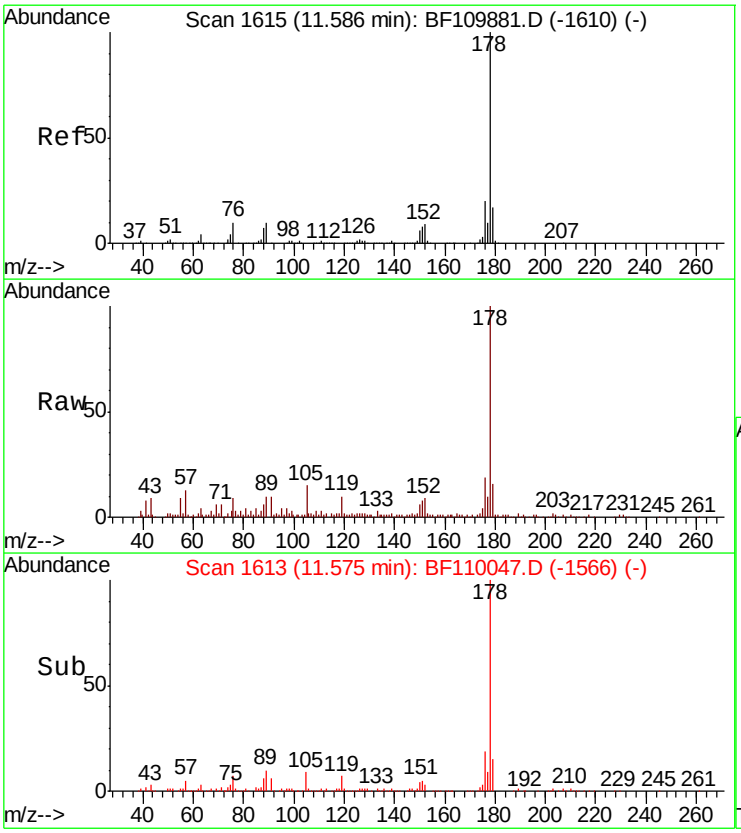
#71
Phenanthrene
Concen: 10.693 ng
RT: 11.53 min Scan# 1605
Delta R.T. -0.02 min
Lab File: BF110047.D
Acq: 22 Oct 2018 14:30

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 298867

Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.5	23.3
179	15.6	12.5	18.7

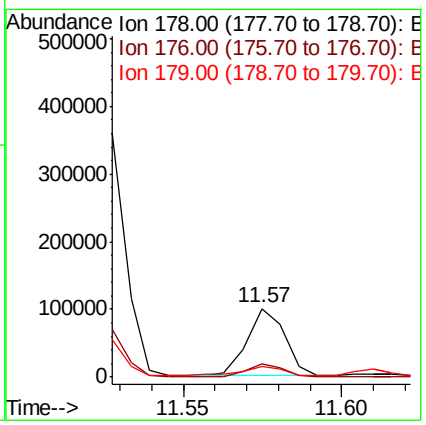


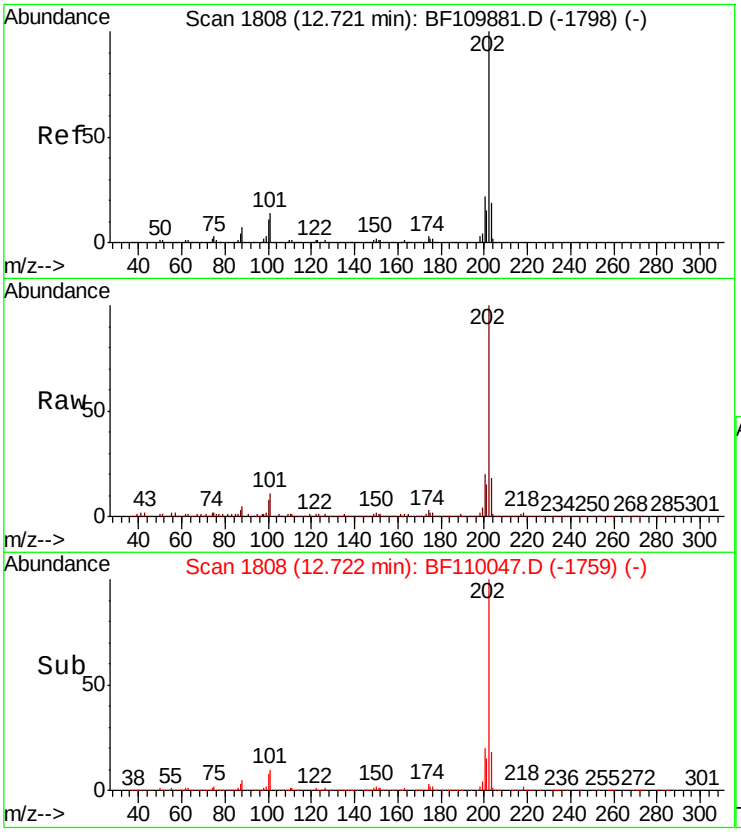


#72
Anthracene
Concen: 2.937 ng
RT: 11.57 min Scan# 1613
Delta R.T. -0.02 min
Lab File: BF110047.D
Acq: 22 Oct 2018 14:30

Tgt Ion:178 Resp: 82536

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.4	23.2
179	16.0	12.6	18.8



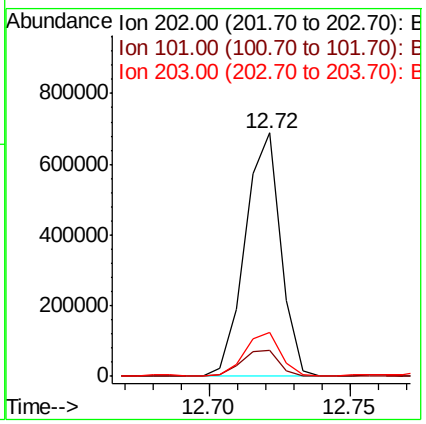


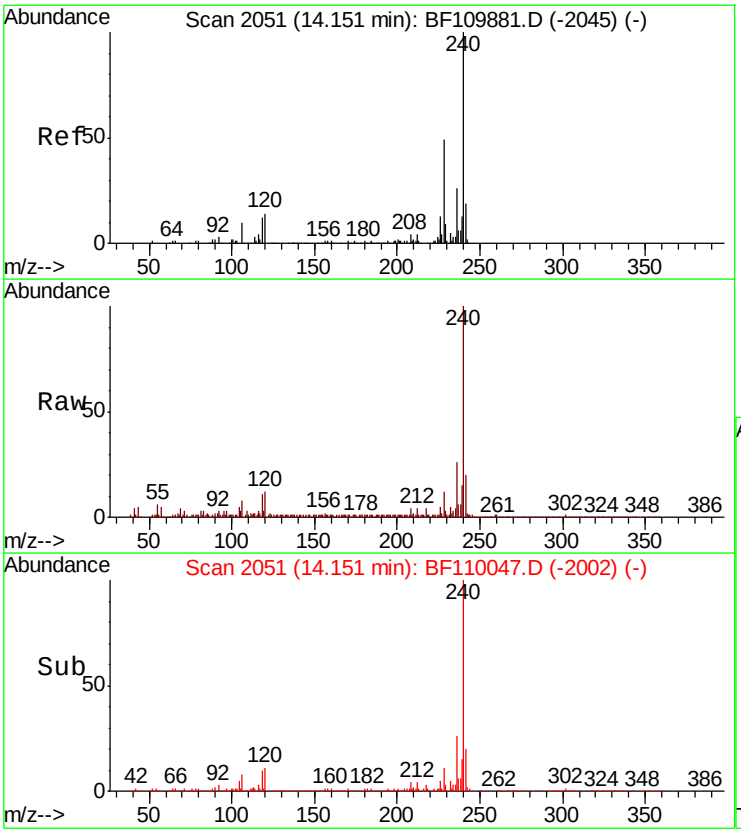
#75
Fluoranthene
Concen: 21.490 ng
RT: 12.72 min Scan# 1808
Delta R.T. -0.01 min
Lab File: BF110047.D
Acq: 22 Oct 2018 14:30

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 600029

Ion	Ratio	Lower	Upper
202	100		
101	10.6	0.0	31.4
203	17.8	0.0	37.7

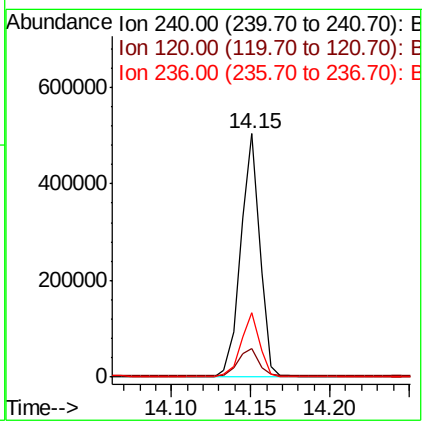


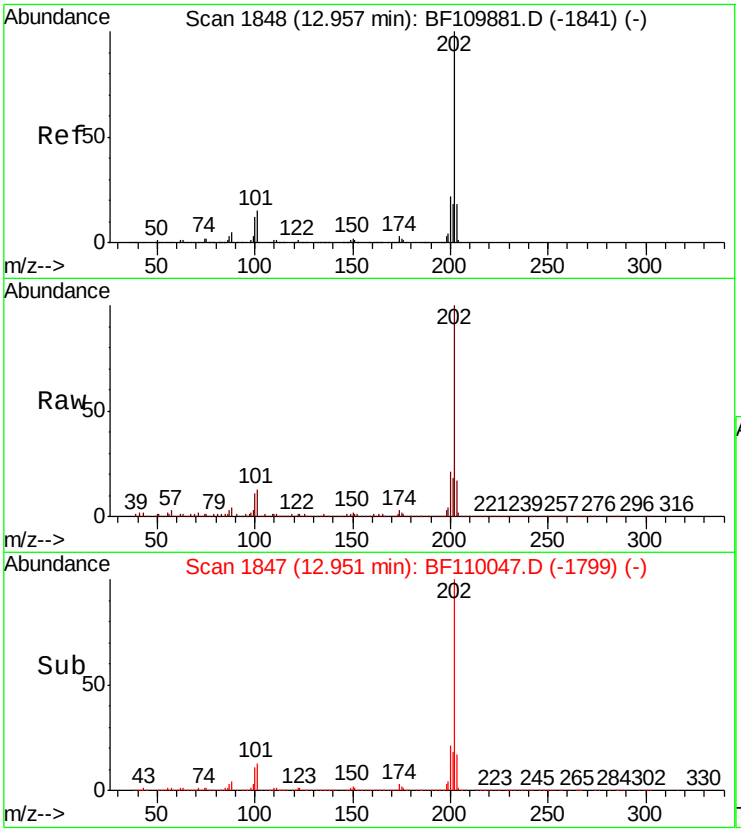


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.15 min Scan# 2051
Delta R.T. -0.01 min
Lab File: BF110047.D
Acq: 22 Oct 2018 14:30

Tgt Ion:240 Resp: 415959

Ion	Ratio	Lower	Upper
240	100		
120	11.8	8.3	12.5
236	26.4	21.2	31.8



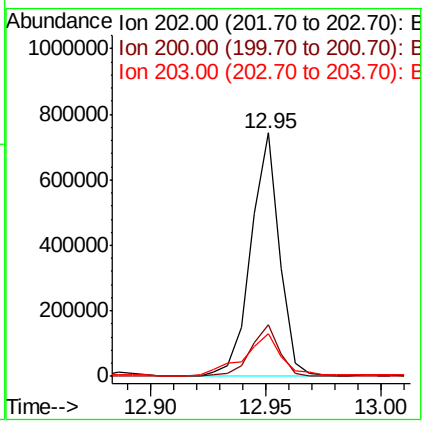


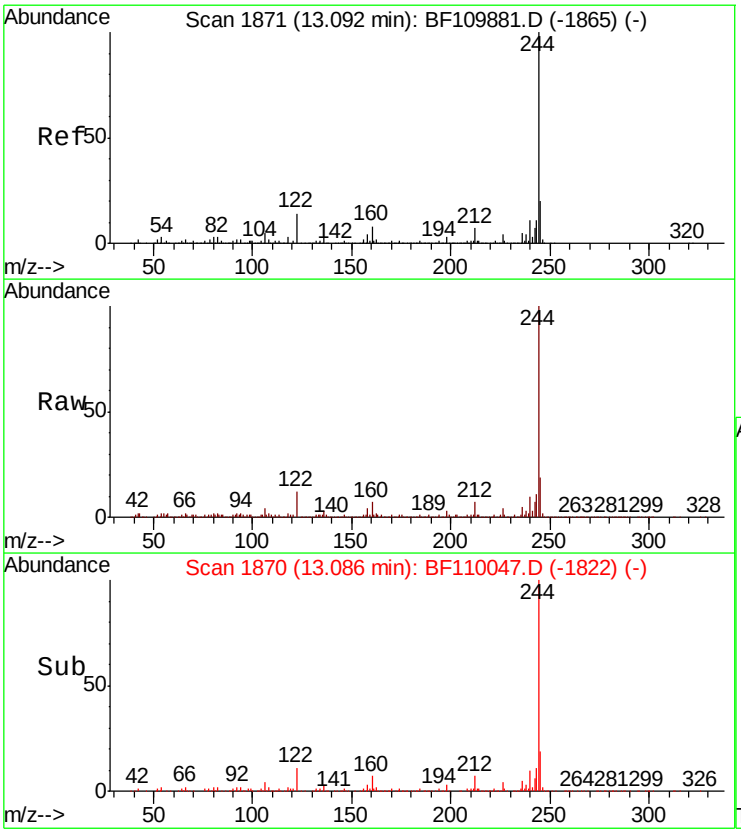
#78
Pyrene
Concen: 20.859 ng
RT: 12.95 min Scan# 1847
Delta R.T. -0.02 min
Lab File: BF110047.D
Acq: 22 Oct 2018 14:30

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 637270

Ion	Ratio	Lower	Upper
202	100		
200	21.2	17.8	26.6
203	17.5	14.2	21.4

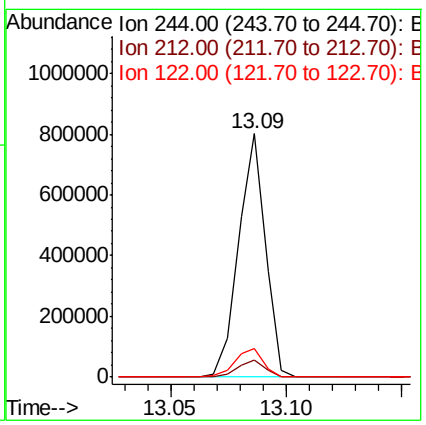


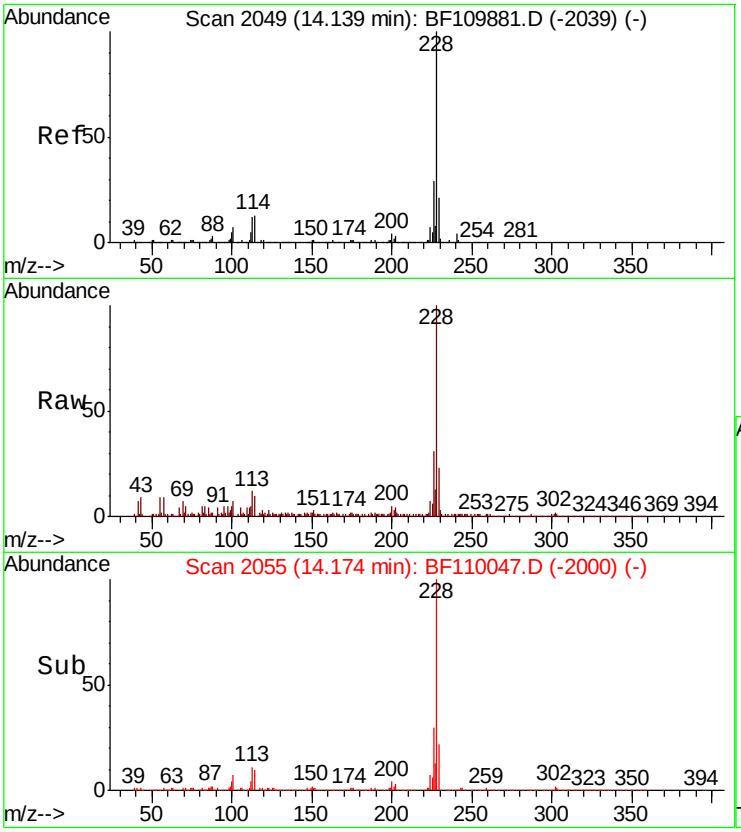


#79
Terphenyl-d14
Concen: 32.817 ng
RT: 13.09 min Scan# 1870
Delta R.T. -0.02 min
Lab File: BF110047.D
Acq: 22 Oct 2018 14:30

Tgt Ion:244 Resp: 650056

Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.8	8.8
122	11.5	8.7	13.1



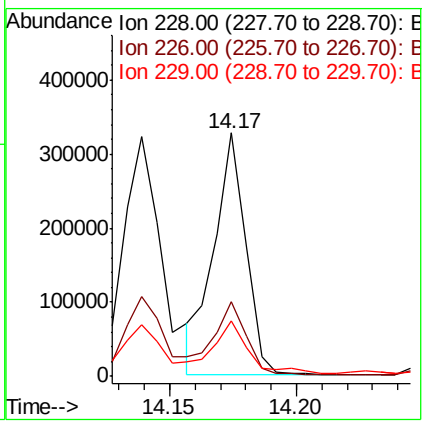


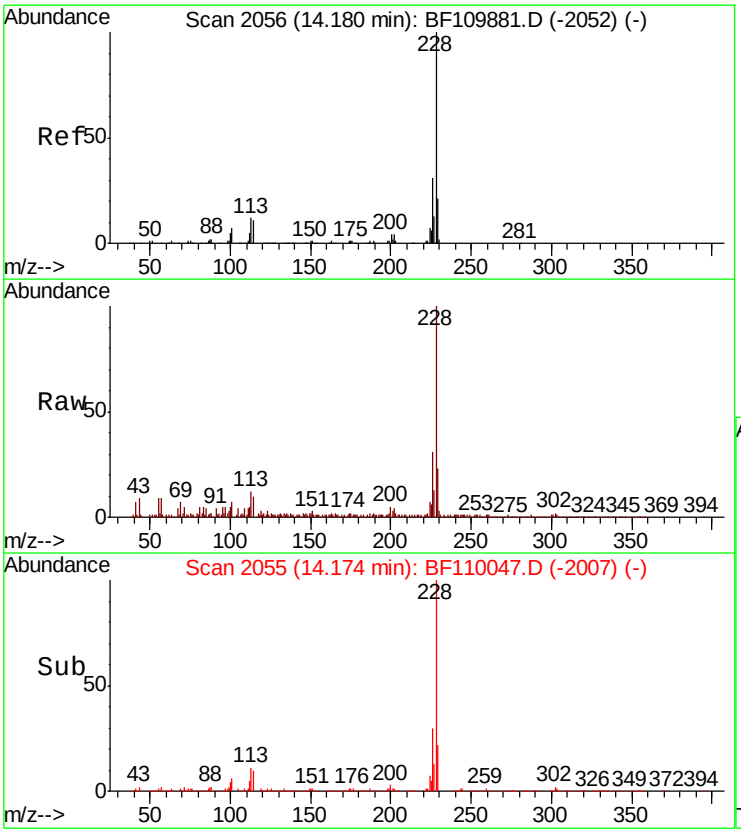
#81
Benzo(a)anthracene
Concen: 11.821 ng
RT: 14.17 min Scan# 2055
Delta R.T. 0.02 min
Lab File: BF110047.D
Acq: 22 Oct 2018 14:30

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 289626

Ion	Ratio	Lower	Upper
228	100		
226	30.8	22.1	33.1
229	22.6	15.6	23.4

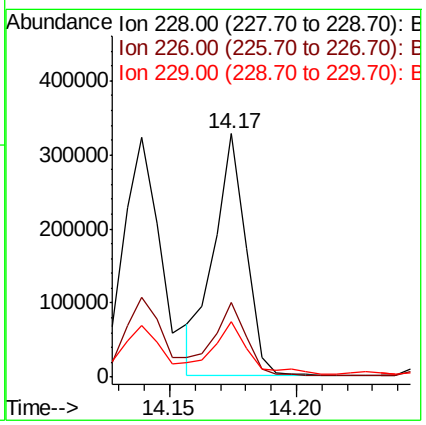


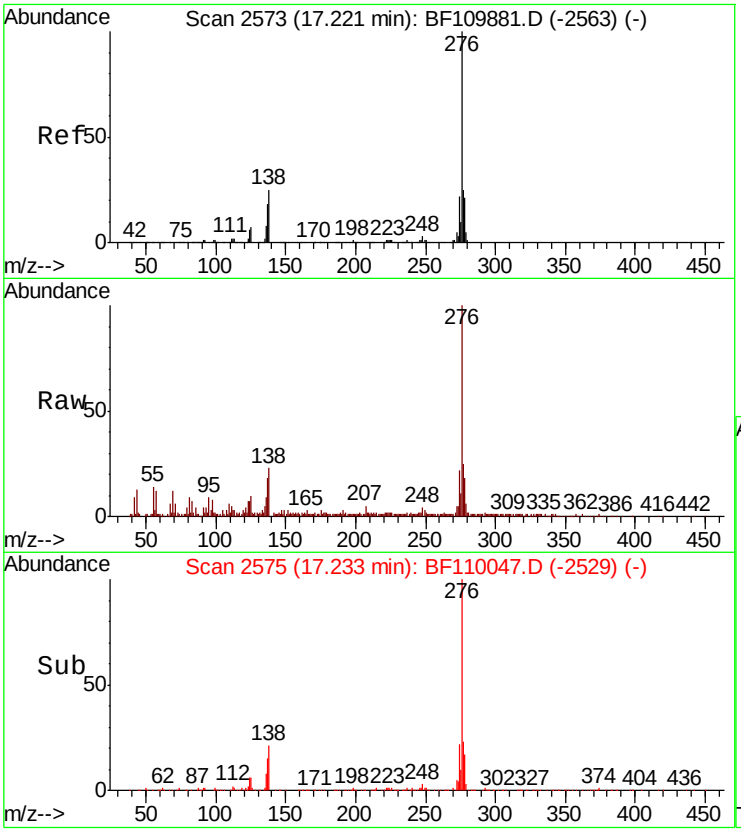


#83
Chrysene
Concen: 12.419 ng
RT: 14.17 min Scan# 2055
Delta R.T. -0.02 min
Lab File: BF110047.D
Acq: 22 Oct 2018 14:30

Tgt Ion:228 Resp: 289626

Ion	Ratio	Lower	Upper
228	100		
226	30.8	24.7	37.1
229	22.6	15.9	23.9



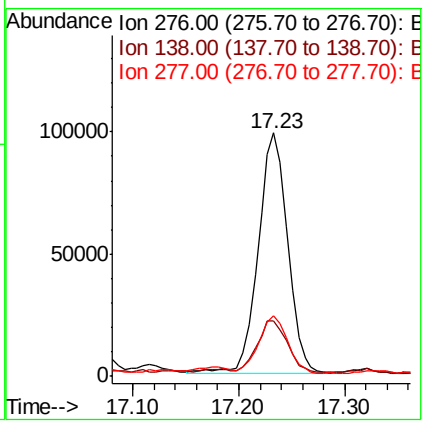


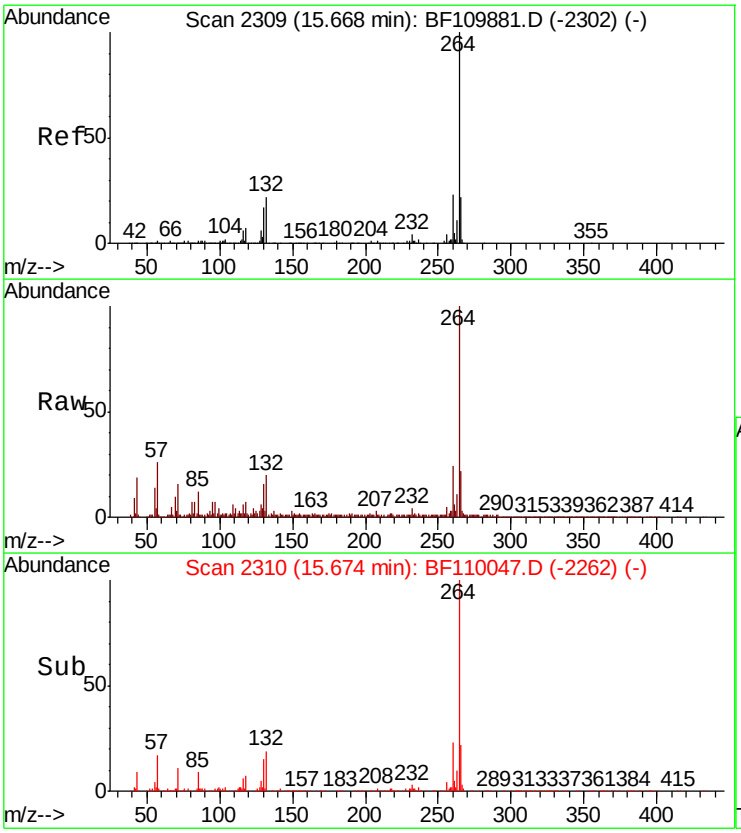
#86
Indeno(1,2,3-cd)pyrene
Concen: 10.087 ng
RT: 17.23 min Scan# 2575
Delta R.T. -0.03 min
Lab File: BF110047.D
Acq: 22 Oct 2018 14:30

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 189399

Ion	Ratio	Lower	Upper
276	100		
138	22.8	18.5	27.7
277	24.0	20.0	30.0

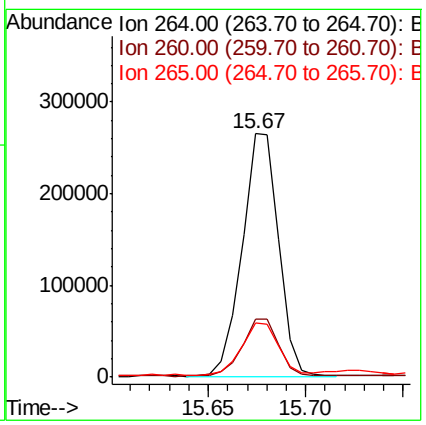


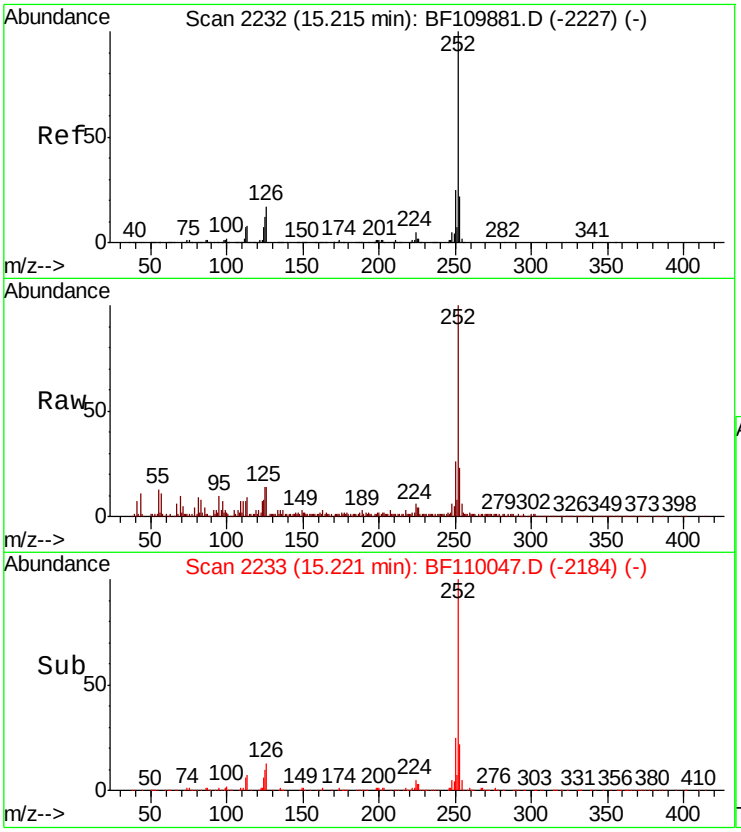


#87
Perylene-d12
Concen: 20.000 ng
RT: 15.67 min Scan# 2310
Delta R.T. -0.02 min
Lab File: BF110047.D
Acq: 22 Oct 2018 14:30

Tgt Ion:264 Resp: 342204

Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.7	28.1
265	22.1	16.7	25.1



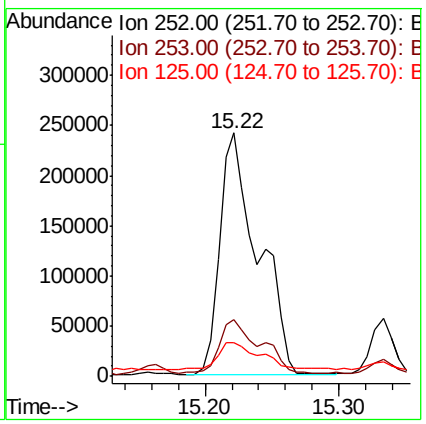


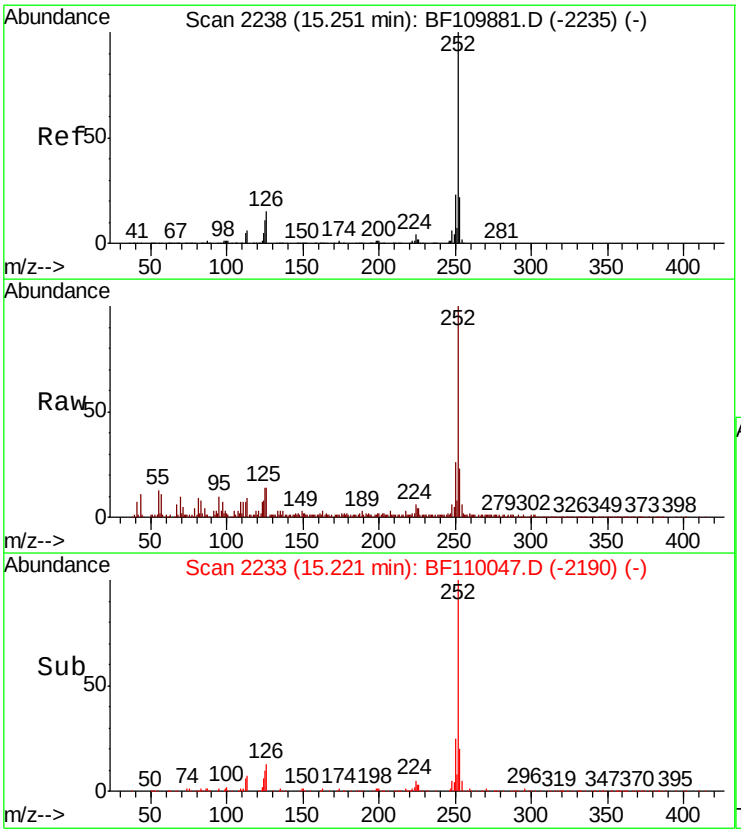
#88
Benzo(b)fluoranthene
Concen: 24.579 ng
RT: 15.22 min Scan# 2233
Delta R.T. -0.01 min
Lab File: BF110047.D
Acq: 22 Oct 2018 14:30

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 484906

Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.2	25.8
125	13.7	8.2	12.4#

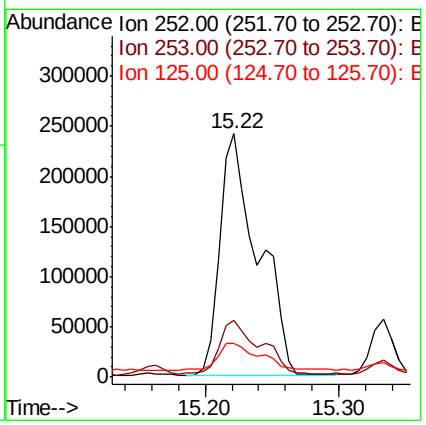


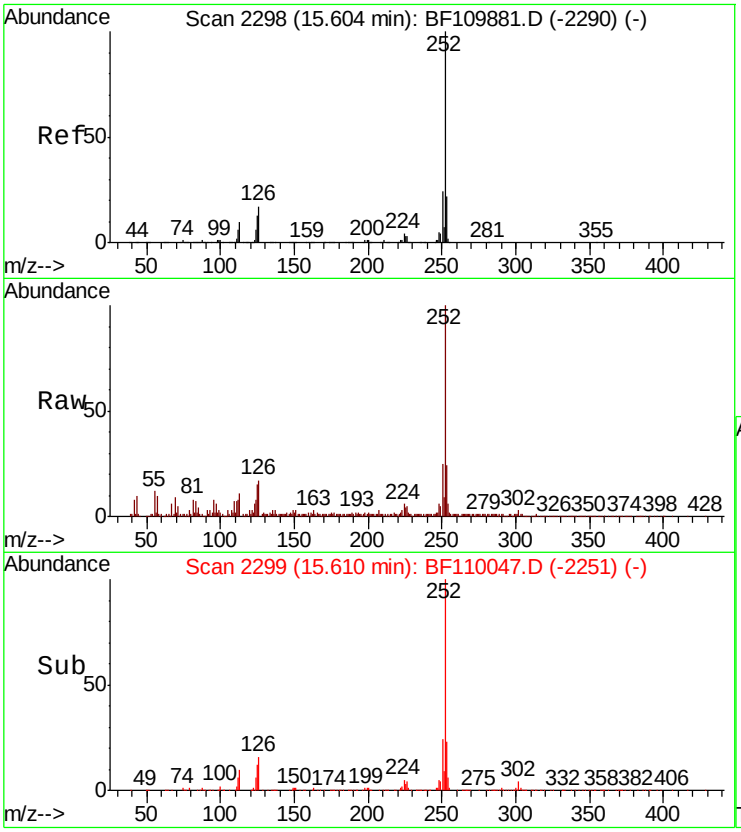


#89
Benzo(k)fluoranthene
Concen: 24.936 ng
RT: 15.22 min Scan# 2233
Delta R.T. -0.05 min
Lab File: BF110047.D
Acq: 22 Oct 2018 14:30

Tgt Ion:252 Resp: 484906

Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.2	25.8
125	13.7	7.4	11.0#



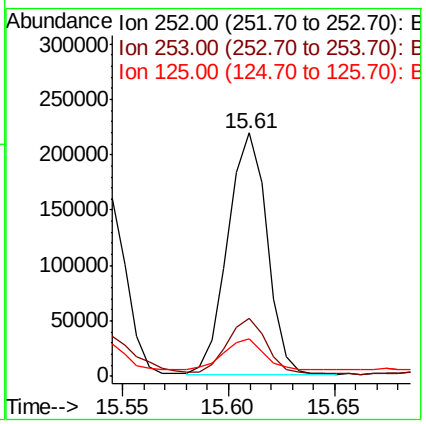


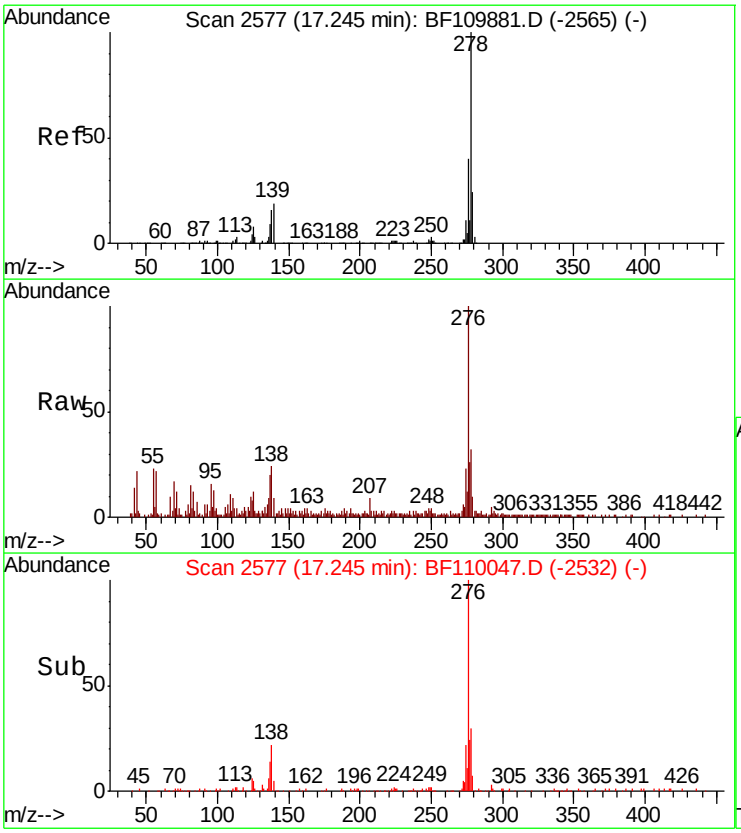
#90
Benzo(a)pyrene
Concen: 15.418 ng
RT: 15.61 min Scan# 2299
Delta R.T. -0.02 min
Lab File: BF110047.D
Acq: 22 Oct 2018 14:30

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 279765

Ion	Ratio	Lower	Upper
252	100		
253	24.0	18.2	27.4
125	15.2	9.0	13.6#

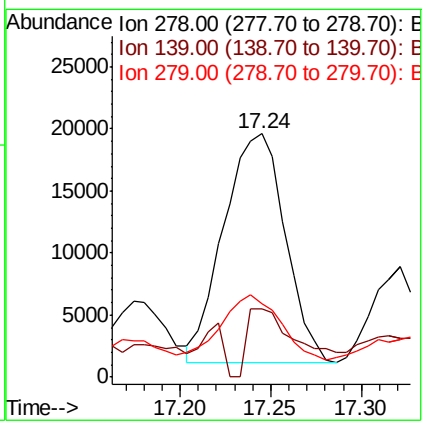


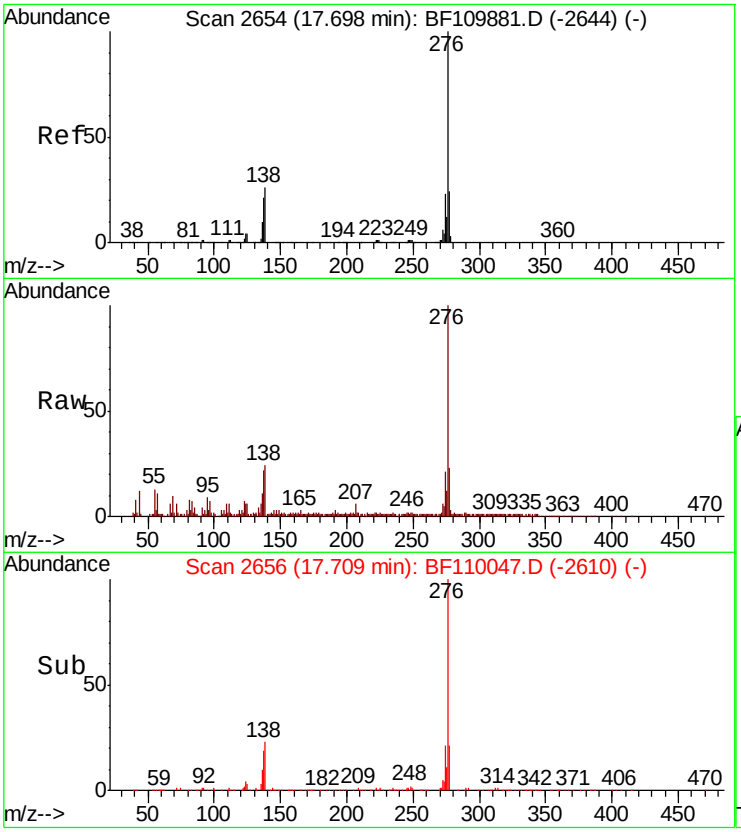


#91
Dibenzo(a,h)anthracene
Concen: 2.706 ng
RT: 17.24 min Scan# 2577
Delta R.T. -0.04 min
Lab File: BF110047.D
Acq: 22 Oct 2018 14:30

Tgt Ion:278 Resp: 43518

Ion	Ratio	Lower	Upper
278	100		
139	27.9	12.7	19.1#
279	30.1	19.0	28.4#





#92
Benzo(g,h,i)perylene
Concen: 12.405 ng
RT: 17.71 min Scan# 2656
Delta R.T. -0.03 min
Lab File: BF110047.D
Acq: 22 Oct 2018 14:30

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 201552

Ion	Ratio	Lower	Upper
276	100		
277	22.6	18.8	28.2
138	24.2	16.0	24.0#