Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102918\
Data File : BF110252.D
Acq On : 29 Oct 2018 10:37
Operator : JU/SJ
Sample : J5654-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Oct 29 12:30:48 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF102318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 23 15:06:18 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	113407	20.00	ng		-0.01
21) Naphthalene-d8	8.25	136	441494	20.00	ng		-0.02
39) Acenaphthene-d10	10.01	164	190333	20.00	ng		-0.02
64) Phenanthrene-d10	11.50	188	294019	20.00	ng		-0.01
76) Chrysene-d12	14.16	240	209389	20.00	ng		0.00
87) Perylene-d12	15.69	264	192306	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.59	112	563979	80.98	ng		-0.01
7) Phenol-d6	6.59	99	907180	101.84	ng		-0.01
23) Nitrobenzene-d5	7.53	82	581560	78.13	ng		-0.02
42) 2,4,6-Tribromophenol	10.80	330	81069	43.00	ng		-0.01
45) 2-Fluorobiphenyl	9.33	172	1038093	85.64	ng		-0.01
79) Terphenyl-d14	13.09	244	736472	73.15	ng		-0.01
Target Compounds							Qvalue
10) Phenol	6.60	94	51800	5.440	ng	#	63
19) n-Nitroso-di-n-propylamine	7.53	70	77856	13.624	ng	#	79
25) Isophorone	7.53	82	581553	45.834	ng	#	67
31) Naphthalene	8.27	128	50007	2.458	ng		98
50) Dimethylphthalate	9.72	163	108675	7.735	ng		98
57) 2,4-Dinitrotoluene	10.01	165	24976	6.497	ng	#	19
71) Phenanthrene	11.53	178	232863	15.136	ng		99
72) Anthracene	11.58	178	53520	3.471	ng		98
75) Fluoranthene	12.72	202	212673	13.621	ng		99
78) Pyrene	12.96	202	193641	12.900	ng		97
81) Benzo(a)anthracene	14.14	228	91561	7.374	ng		98
83) Chrysene	14.18	228	83567	7.086	ng		95
86) Indeno(1,2,3-cd)pyrene	17.26	276	31329	3.202	ng		98
88) Benzo(b)fluoranthene	15.23	252	115610	10.411	ng	#	90
89) Benzo(k)fluoranthene	15.23	252	115610	10.590	ng	#	89
90) Benzo(a)pyrene	15.62	252	61372	6.006	ng	#	96
92) Benzo(g,h,i)perylene	17.73	276	29118	3.351	ng	#	90

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102918\
Data File : BF110252.D
Acq On : 29 Oct 2018 10:37
Operator : JU/SJ
Sample : J5654-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Oct 29 12:30:48 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF102318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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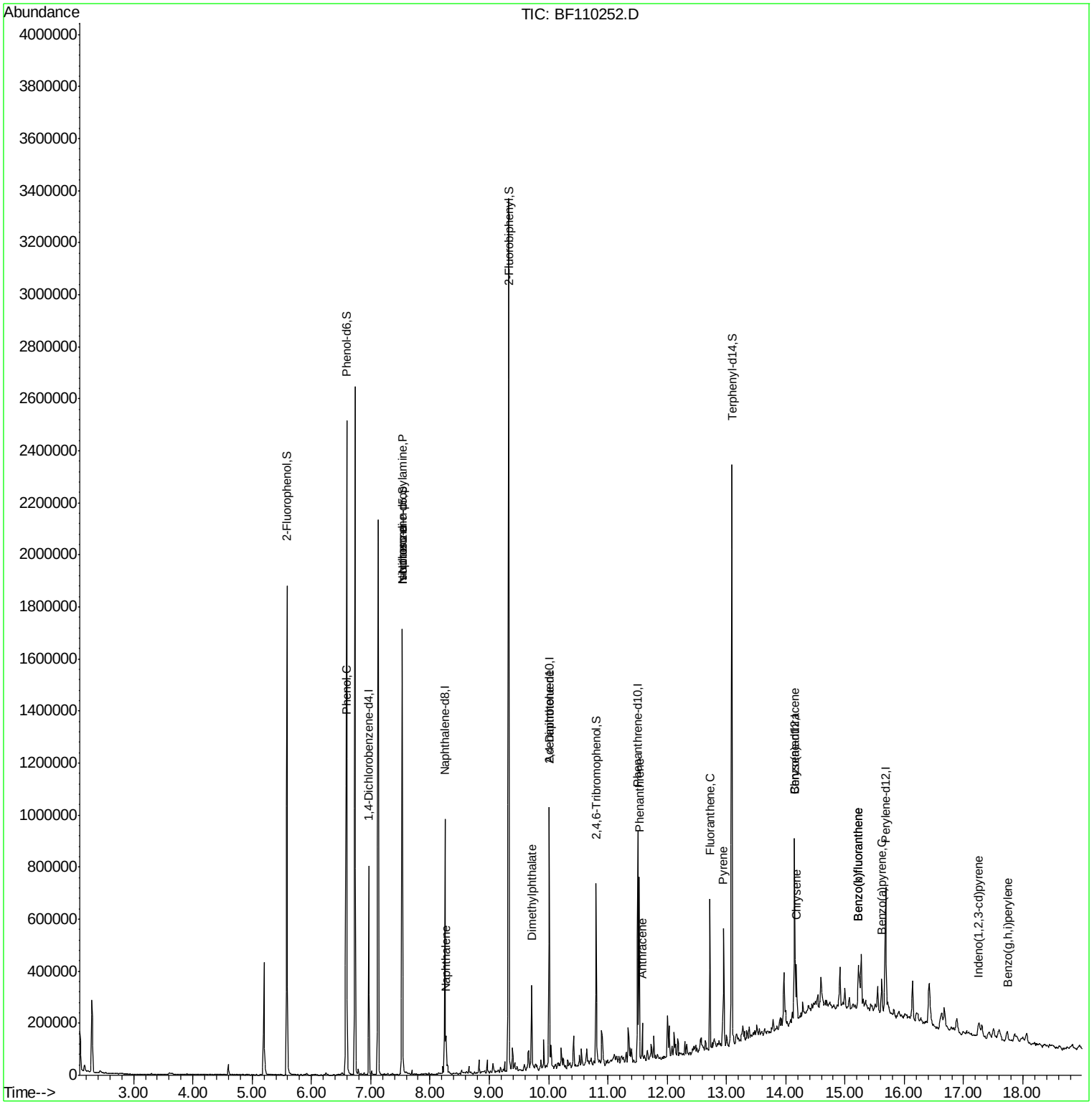
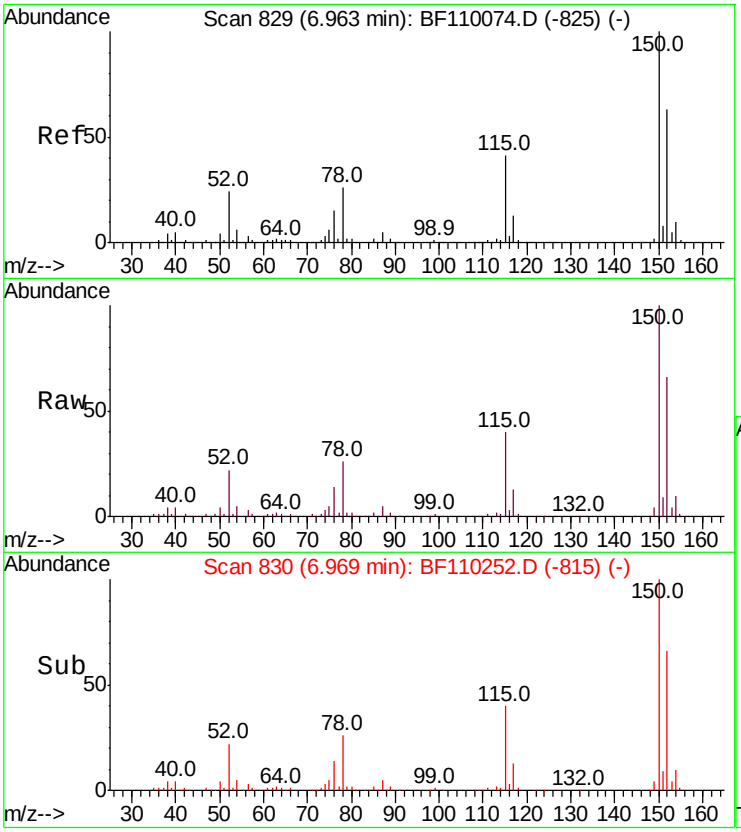


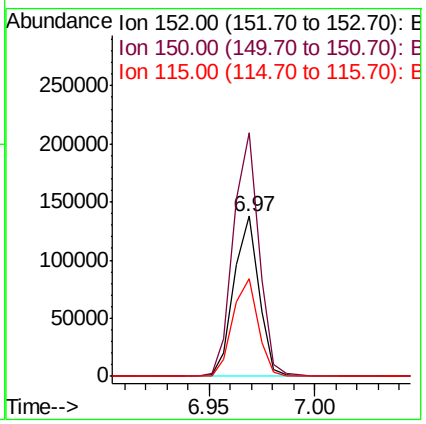


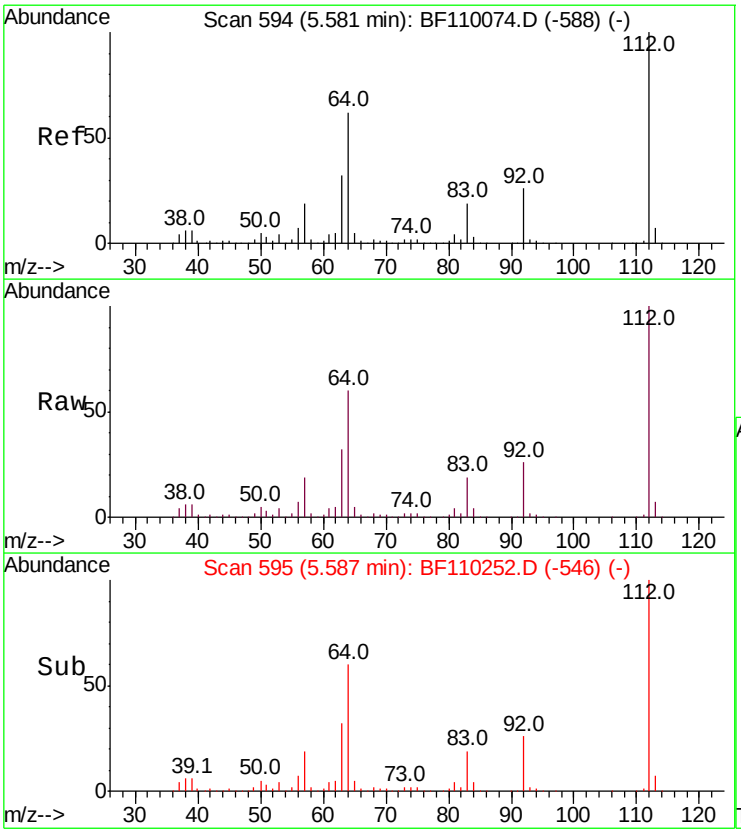
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 830
Delta R.T. -0.01 min
Lab File: BF110252.D
Acq: 29 Oct 2018 10:37

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 113407

Ion	Ratio	Lower	Upper
152	100		
150	151.9	122.7	184.1
115	61.0	49.1	73.7

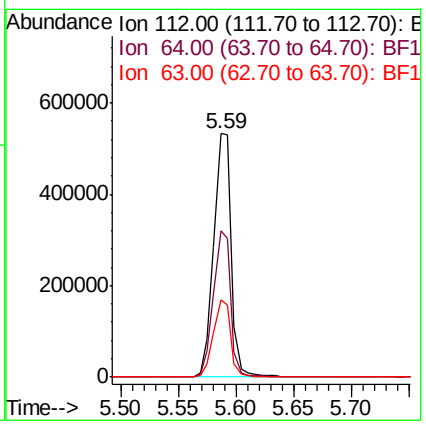


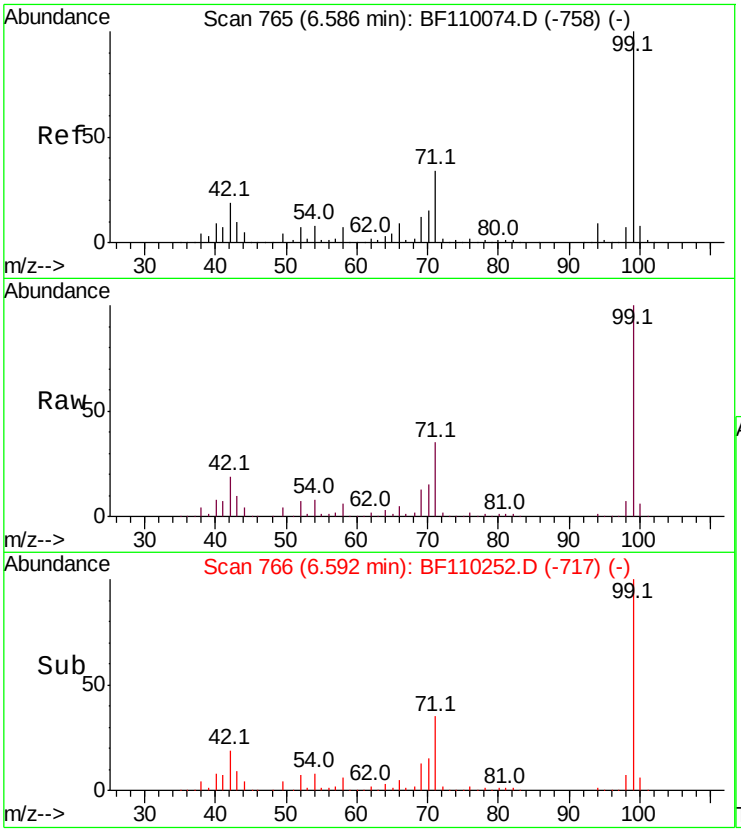


#5
2-Fluorophenol
Concen: 80.984 ng
RT: 5.59 min Scan# 595
Delta R.T. -0.01 min
Lab File: BF110252.D
Acq: 29 Oct 2018 10:37

Tgt Ion:112 Resp: 563979

Ion	Ratio	Lower	Upper
112	100		
64	60.3	44.1	66.1
63	31.6	23.7	35.5



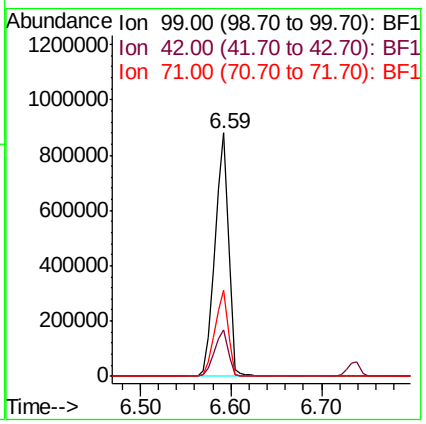


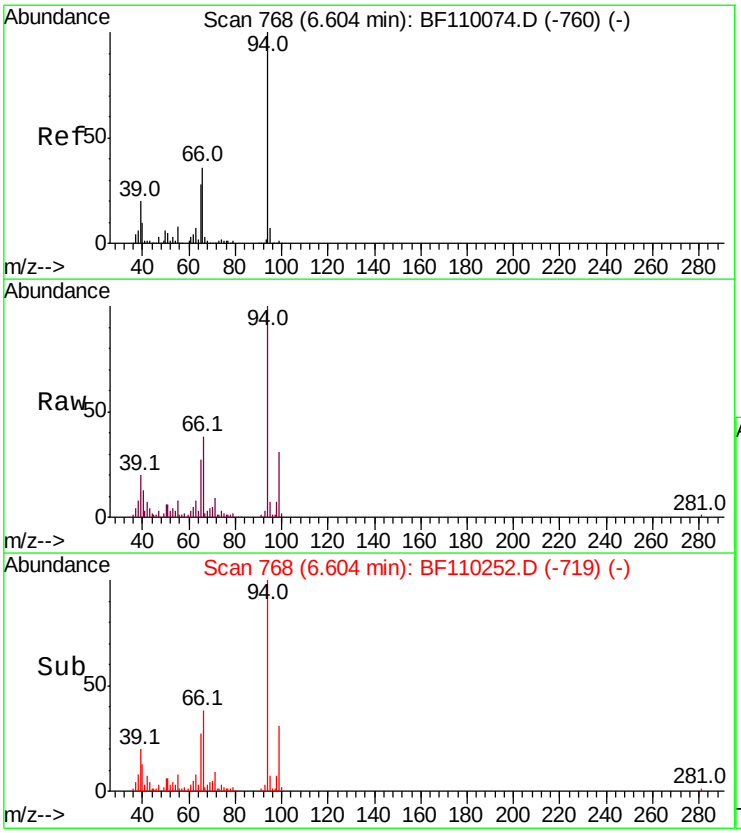
#7
Phenol-d6
Concen: 101.843 ng
RT: 6.59 min Scan# 766
Delta R.T. -0.01 min
Lab File: BF110252.D
Acq: 29 Oct 2018 10:37

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 907180

Ion	Ratio	Lower	Upper
99	100		
42	19.3	15.8	23.6
71	35.3	28.0	42.0

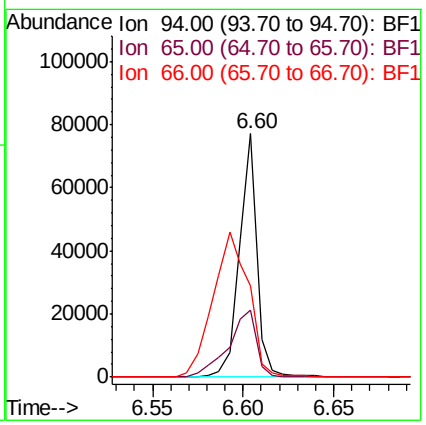


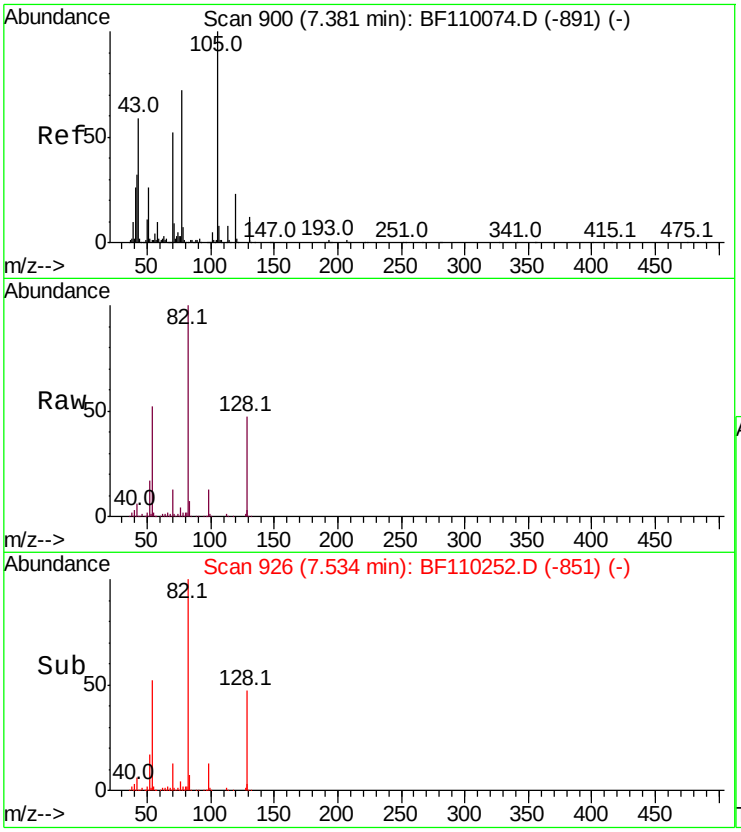


#10
Phenol
Concen: 5.440 ng
RT: 6.60 min Scan# 768
Delta R.T. -0.01 min
Lab File: BF110252.D
Acq: 29 Oct 2018 10:37

Tgt Ion: 94 Resp: 51800

Ion	Ratio	Lower	Upper
94	100		
65	27.5	25.3	65.3
66	37.6	54.5	94.5#



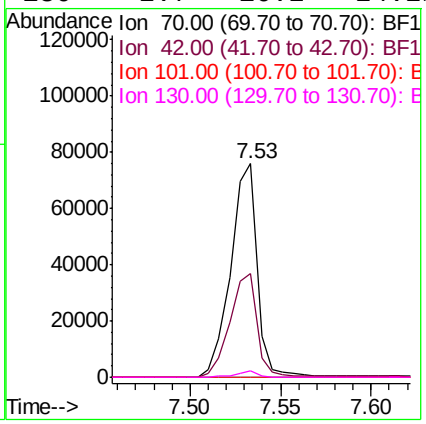


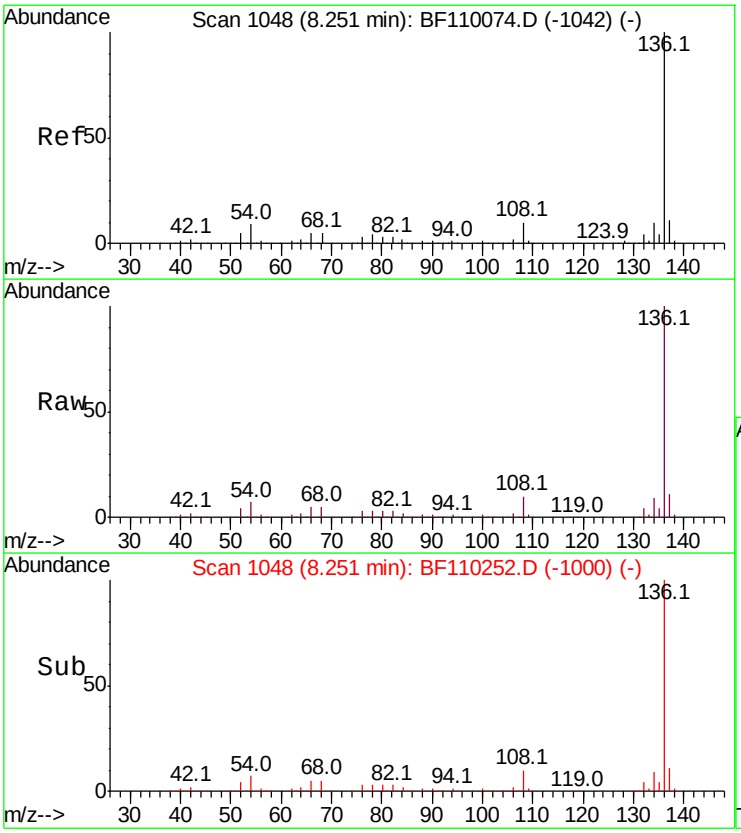
#19
n-Nitroso-di-n-propylamine
Concen: 13.624 ng
RT: 7.53 min Scan# 926
Delta R.T. 0.14 min
Lab File: BF110252.D
Acq: 29 Oct 2018 10:37

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 77856

Ion	Ratio	Lower	Upper
70	100		
42	48.8	47.4	71.2
101	0.0	7.3	10.9#
130	2.7	16.2	24.2#

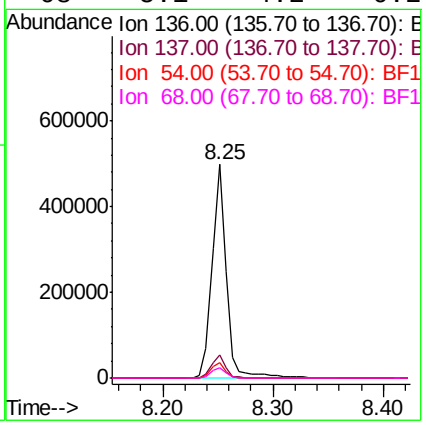


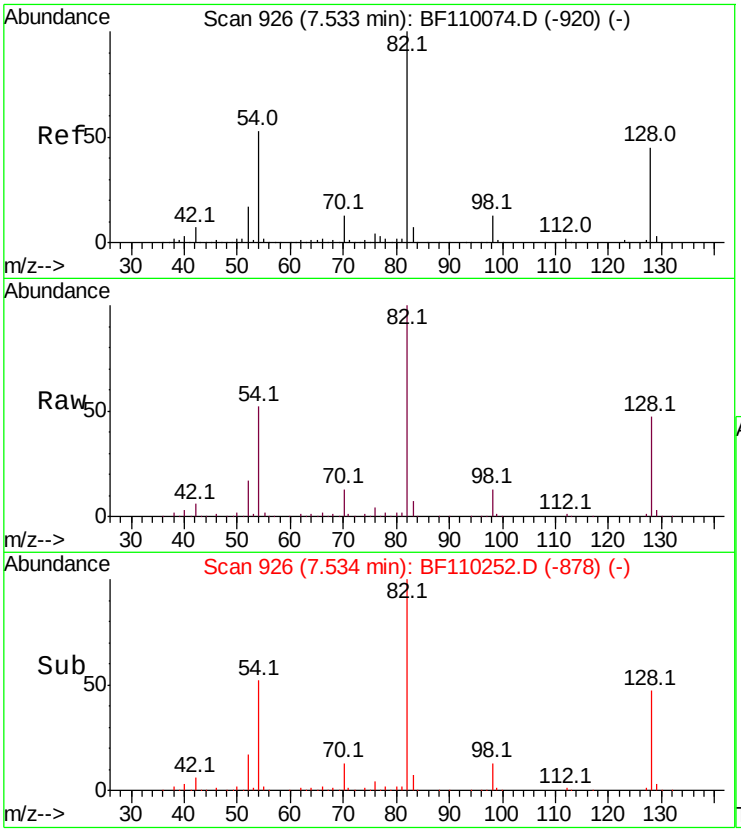


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1048
Delta R.T. -0.02 min
Lab File: BF110252.D
Acq: 29 Oct 2018 10:37

Tgt Ion:136 Resp: 441494

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.8	13.2
54	7.3	5.4	8.2
68	5.1	4.2	6.2



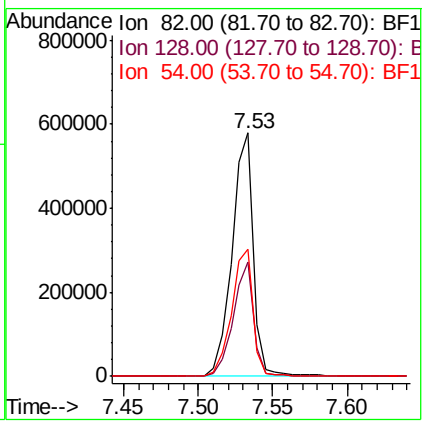


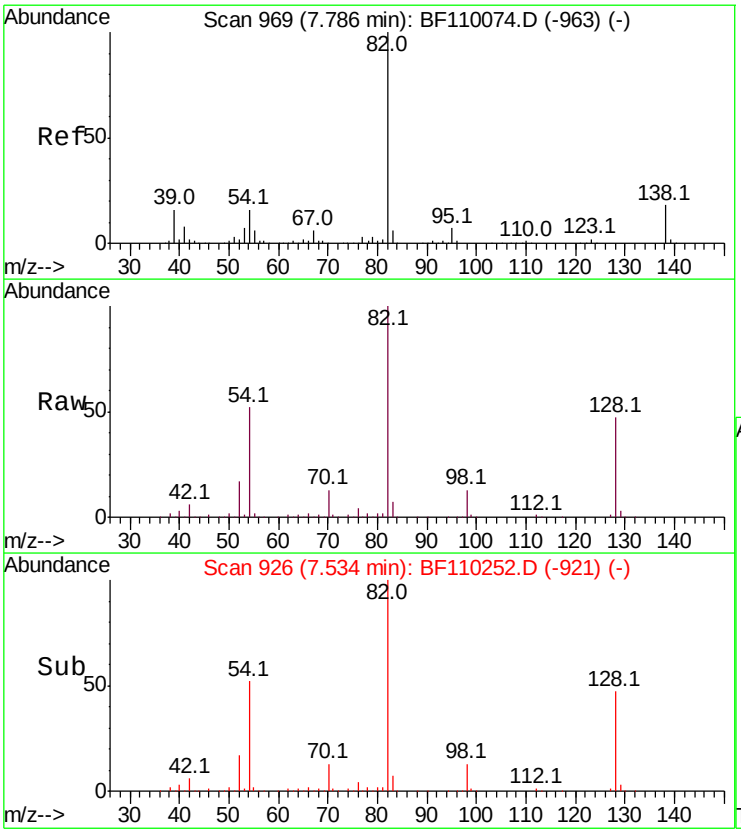
#23
Nitrobenzene-d5
Concen: 78.131 ng
RT: 7.53 min Scan# 926
Delta R.T. -0.02 min
Lab File: BF110252.D
Acq: 29 Oct 2018 10:37

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 581560

Ion	Ratio	Lower	Upper
82	100		
128	47.1	34.2	51.2
54	52.1	38.6	58.0

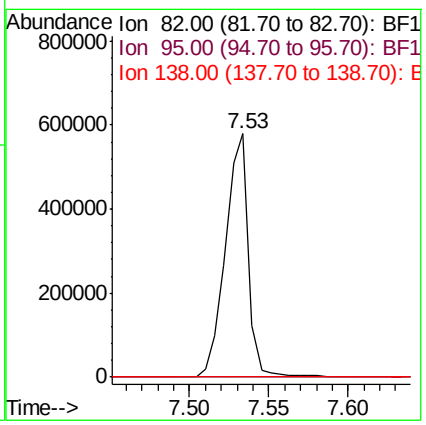


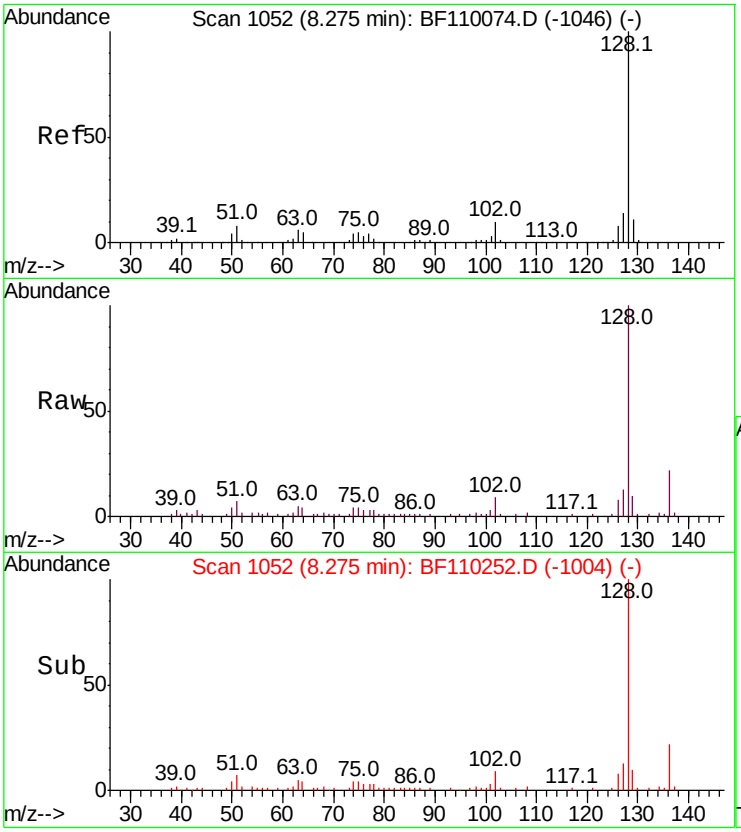


#25
Isophorone
Concen: 45.834 ng
RT: 7.53 min Scan# 926
Delta R.T. -0.27 min
Lab File: BF110252.D
Acq: 29 Oct 2018 10:37

Tgt Ion: 82 Resp: 581553

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



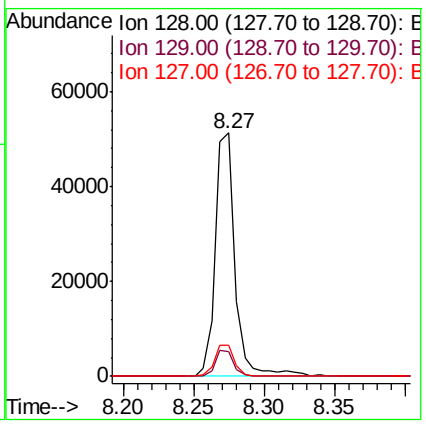


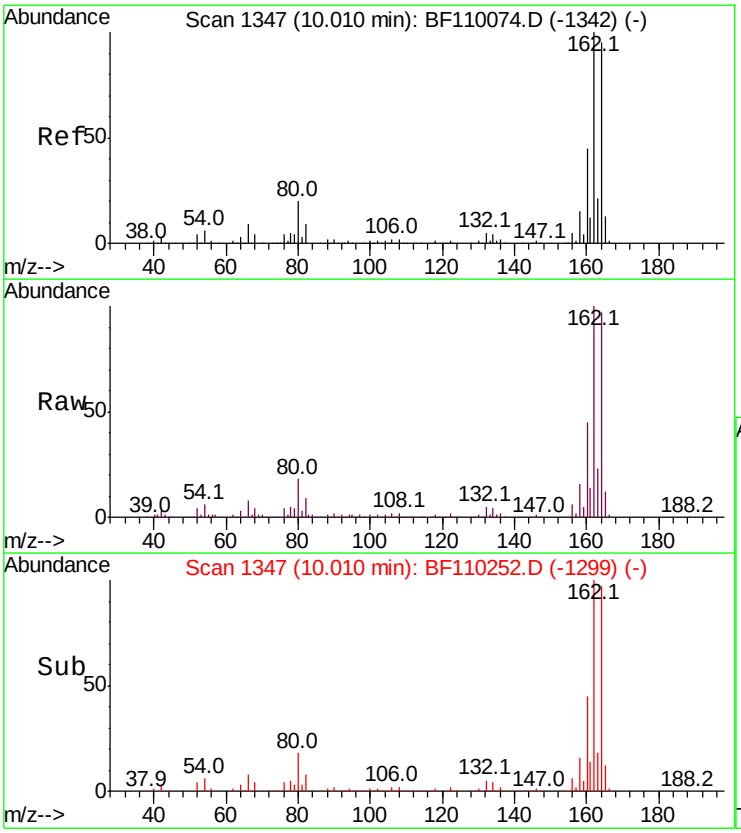
#31
Naphthalene
Concen: 2.458 ng
RT: 8.27 min Scan# 1052
Delta R.T. -0.02 min
Lab File: BF110252.D
Acq: 29 Oct 2018 10:37

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:128 Resp: 50007

Ion	Ratio	Lower	Upper
128	100		
129	10.3	8.8	13.2
127	12.6	10.8	16.2

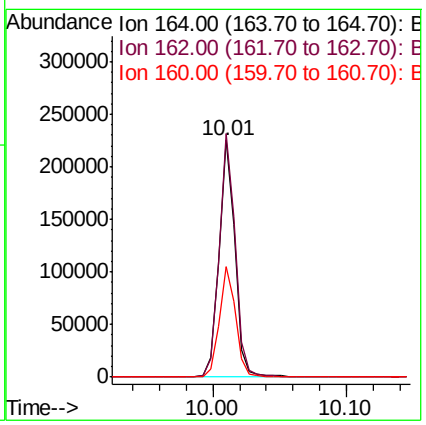


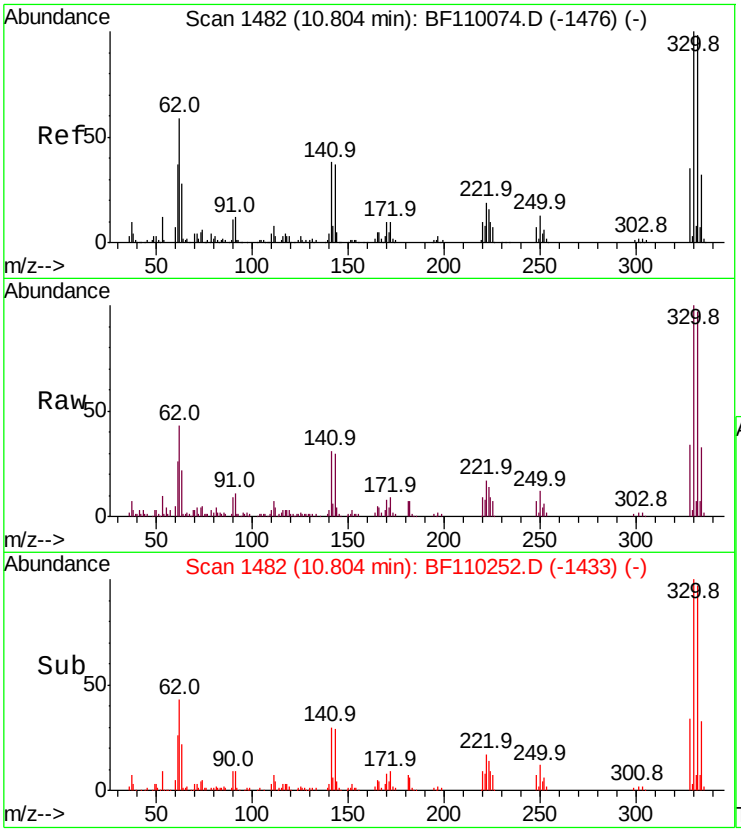


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.01 min Scan# 1347
Delta R.T. -0.02 min
Lab File: BF110252.D
Acq: 29 Oct 2018 10:37

Tgt Ion:164 Resp: 190333

Ion	Ratio	Lower	Upper
164	100		
162	102.8	83.0	124.6
160	46.6	37.0	55.6



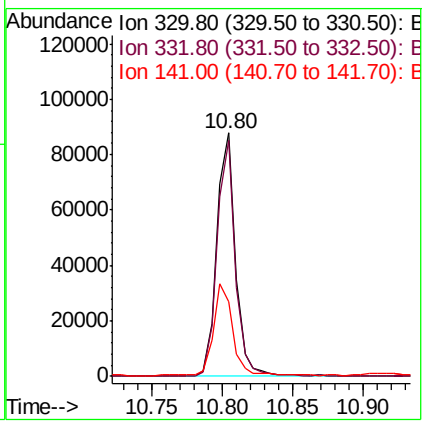


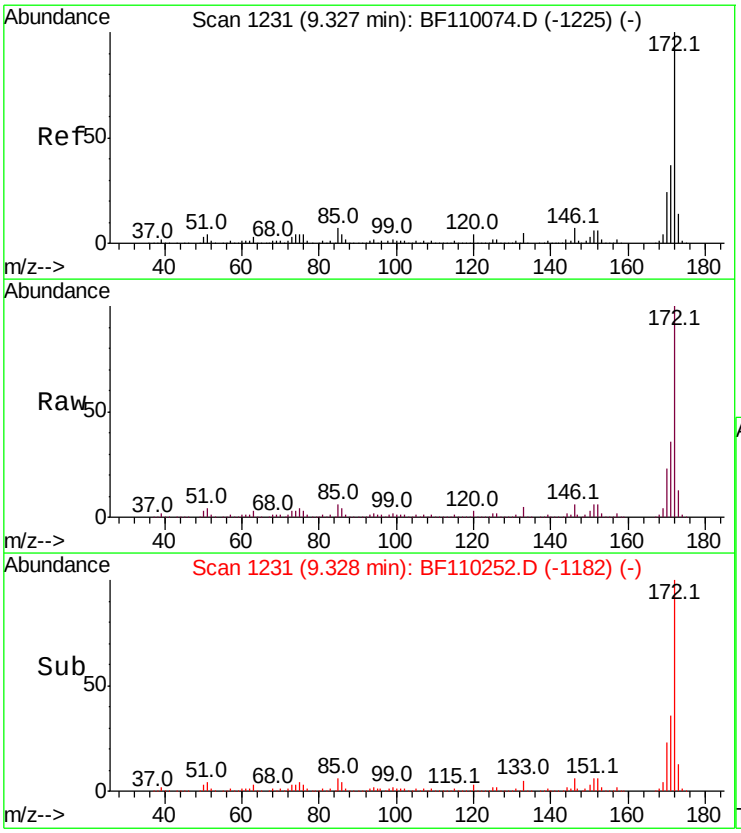
#42
2,4,6-Tribromophenol
Concen: 42.999 ng
RT: 10.80 min Scan# 1482
Delta R.T. -0.01 min
Lab File: BF110252.D
Acq: 29 Oct 2018 10:37

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 81069

Ion	Ratio	Lower	Upper
330	100		
332	94.5	77.1	115.7
141	38.6	27.0	40.4

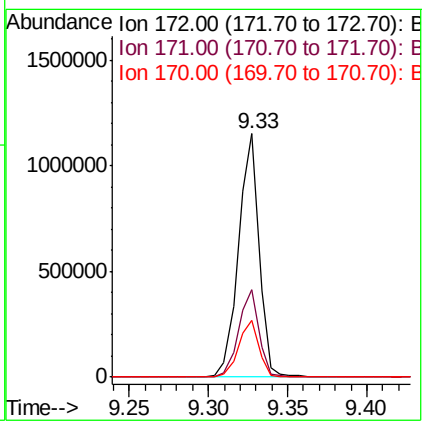


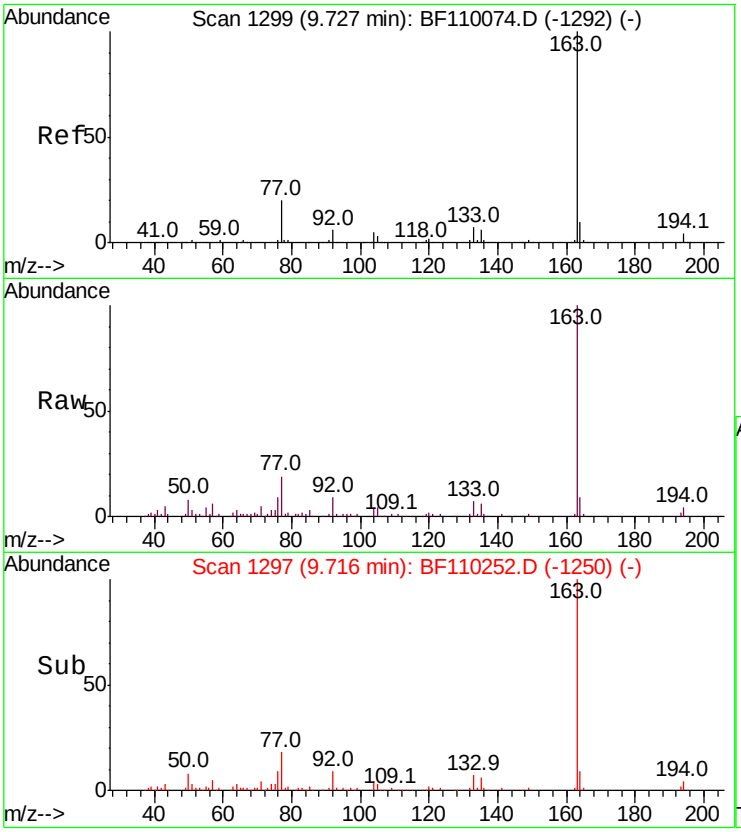


#45
2-Fluorobiphenyl
Concen: 85.643 ng
RT: 9.33 min Scan# 1231
Delta R.T. -0.01 min
Lab File: BF110252.D
Acq: 29 Oct 2018 10:37

Tgt Ion:172 Resp: 1038093

Ion	Ratio	Lower	Upper
172	100		
171	36.1	28.6	43.0
170	23.4	19.7	29.5



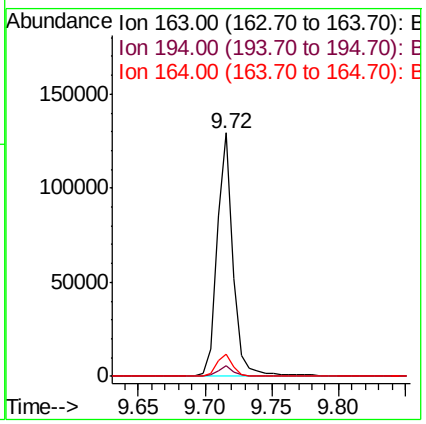


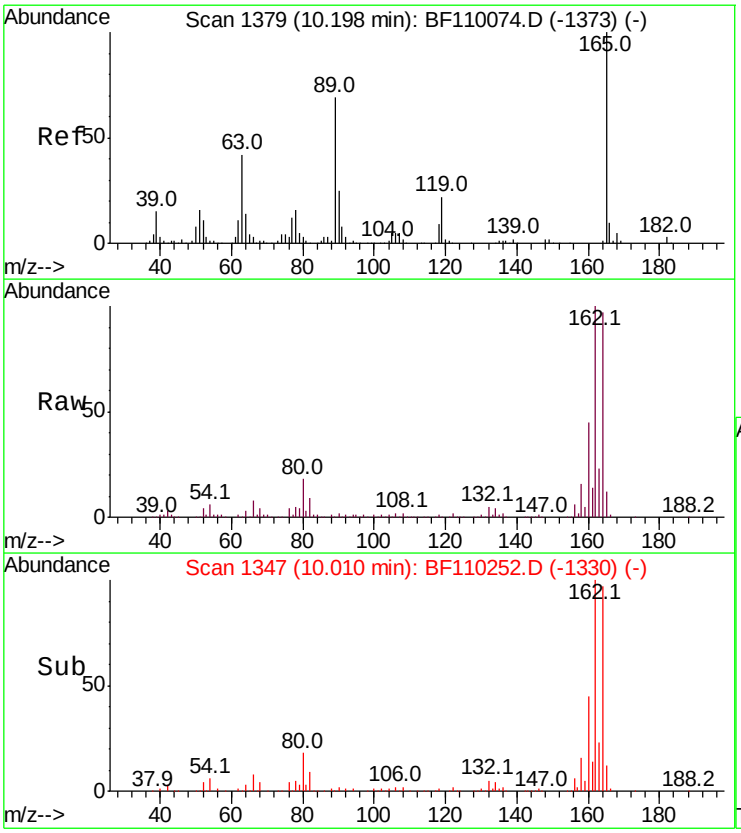
#50
Dimethylphthalate
Concen: 7.735 ng
RT: 9.72 min Scan# 1297
Delta R.T. -0.02 min
Lab File: BF110252.D
Acq: 29 Oct 2018 10:37

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:163 Resp: 108675

Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.2	4.8
164	9.0	8.1	12.1

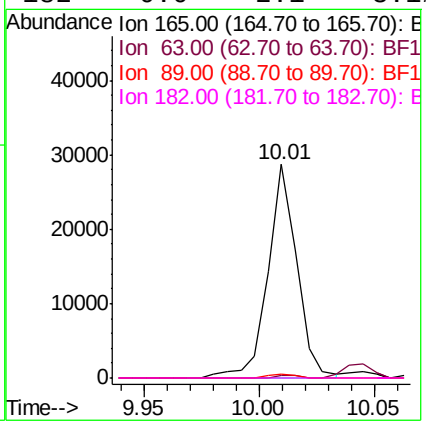


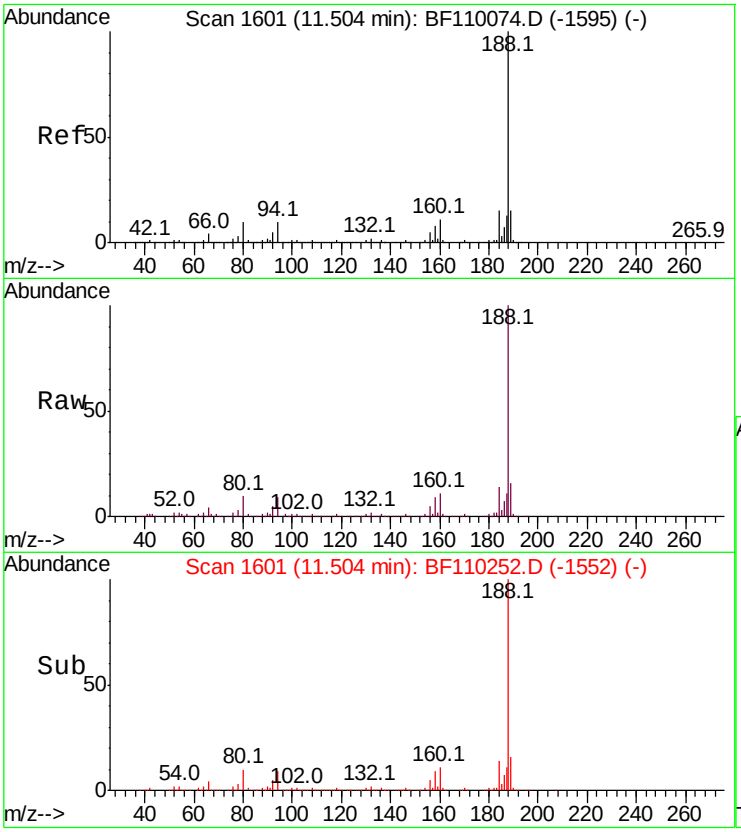


#57
2,4-Dinitrotoluene
Concen: 6.497 ng
RT: 10.01 min Scan# 1347
Delta R.T. -0.20 min
Lab File: BF110252.D
Acq: 29 Oct 2018 10:37

Tgt Ion:165 Resp: 24976

Ion	Ratio	Lower	Upper
165	100		
63	1.3	44.8	67.2#
89	1.8	62.2	93.4#
182	0.0	2.1	3.1#



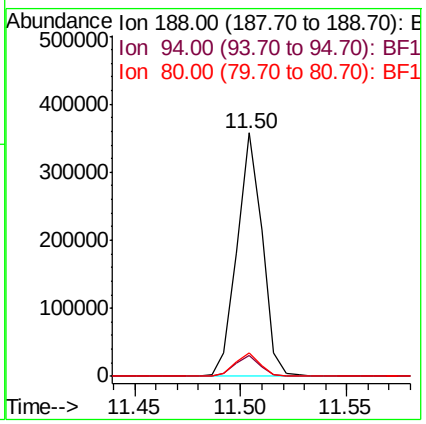


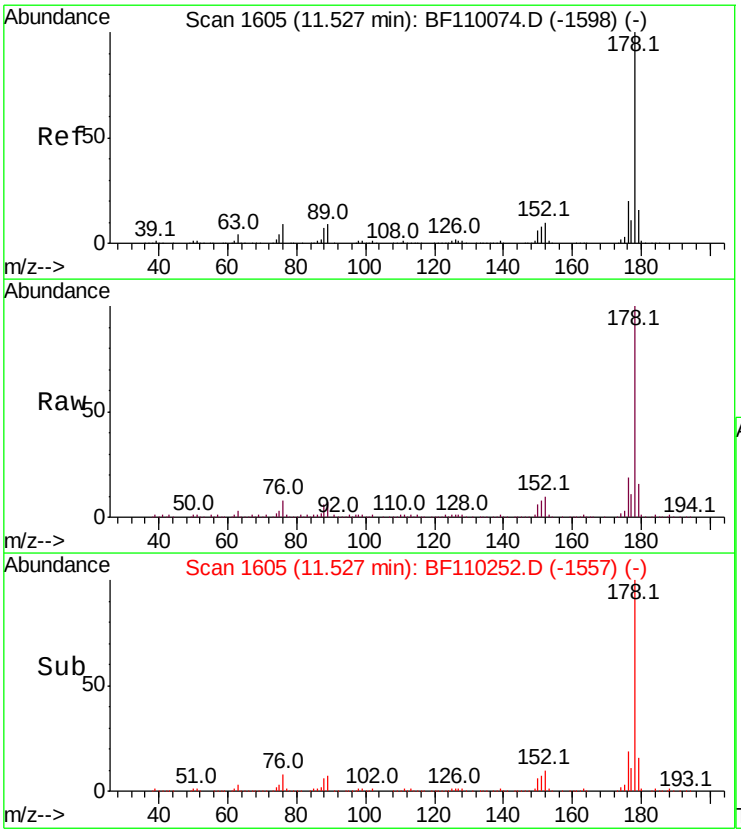
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1601
Delta R.T. -0.01 min
Lab File: BF110252.D
Acq: 29 Oct 2018 10:37

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 294019

Ion	Ratio	Lower	Upper
188	100		
94	8.8	7.2	10.8
80	9.5	7.9	11.9

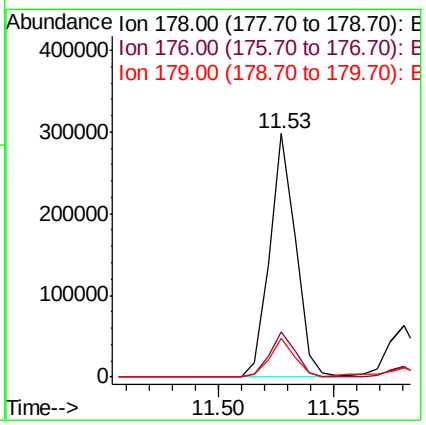


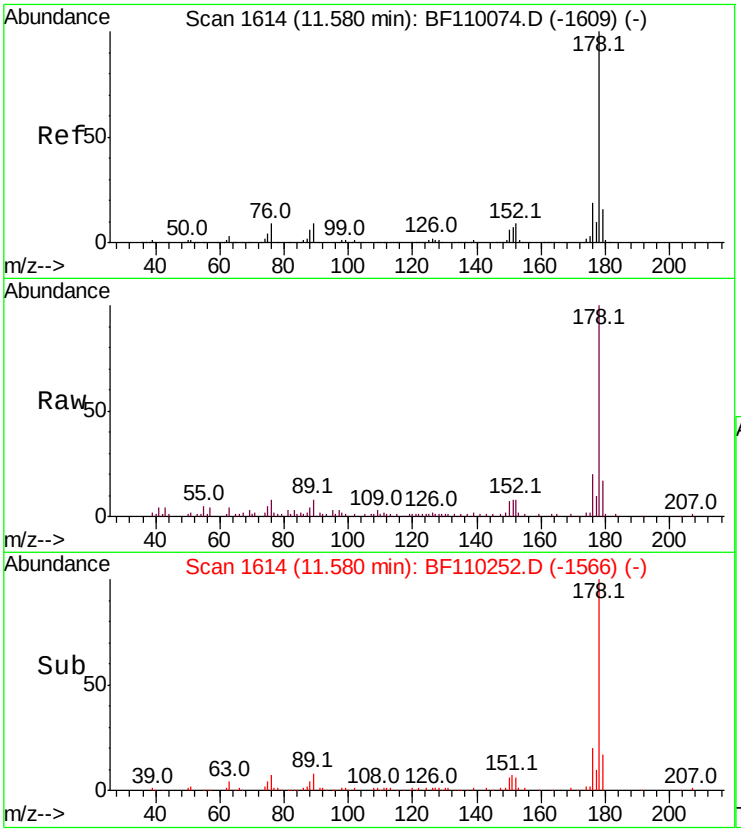


#71
Phenanthrene
Concen: 15.136 ng
RT: 11.53 min Scan# 1605
Delta R.T. -0.02 min
Lab File: BF110252.D
Acq: 29 Oct 2018 10:37

Tgt Ion:178 Resp: 232863

Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.5	23.3
179	16.0	12.5	18.7



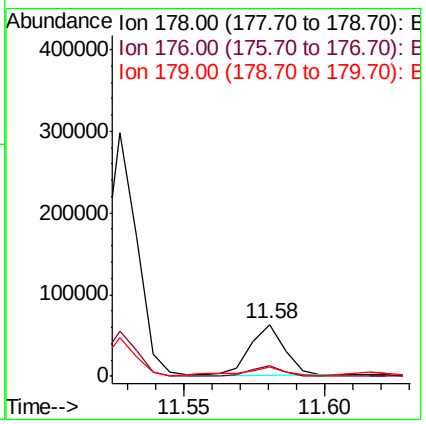


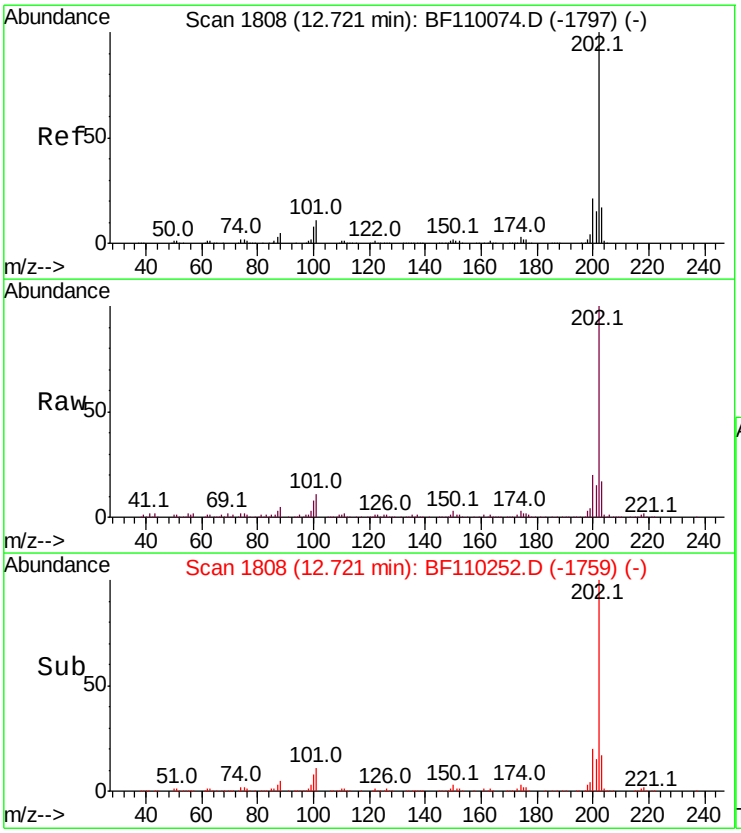
#72
Anthracene
Concen: 3.471 ng
RT: 11.58 min Scan# 1614
Delta R.T. -0.02 min
Lab File: BF110252.D
Acq: 29 Oct 2018 10:37

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 53520

Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.4	23.2
179	17.3	12.6	18.8

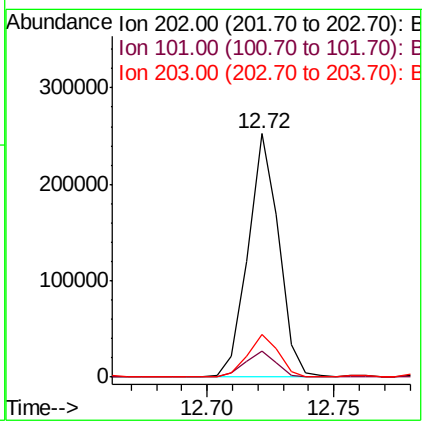


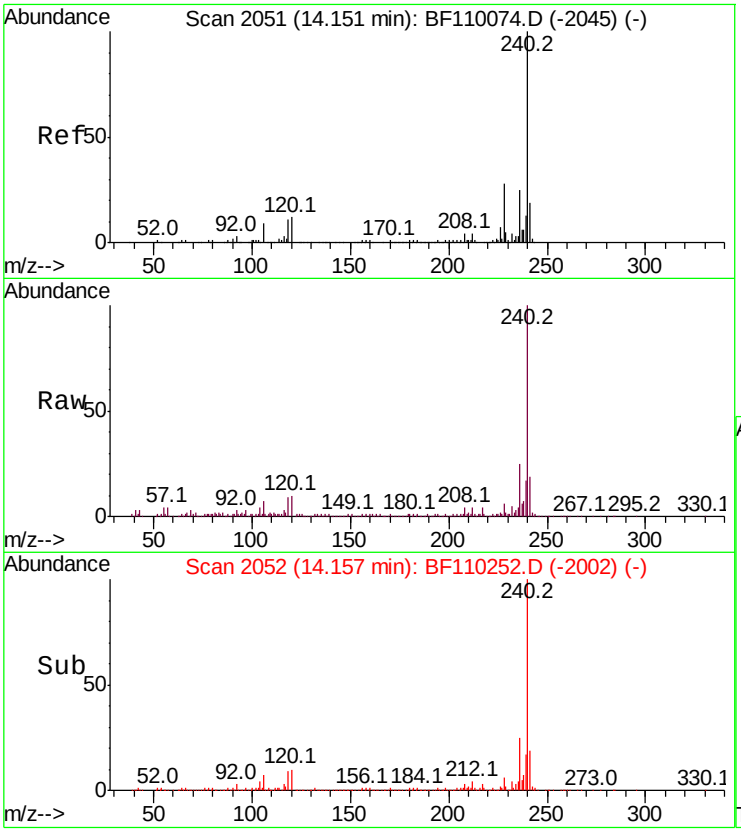


#75
Fluoranthene
Concen: 13.621 ng
RT: 12.72 min Scan# 1808
Delta R.T. -0.01 min
Lab File: BF110252.D
Acq: 29 Oct 2018 10:37

Tgt Ion:202 Resp: 212673

Ion	Ratio	Lower	Upper
202	100		
101	10.5	0.0	31.4
203	17.4	0.0	37.7



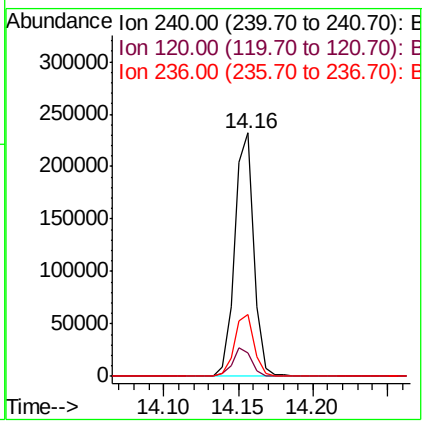


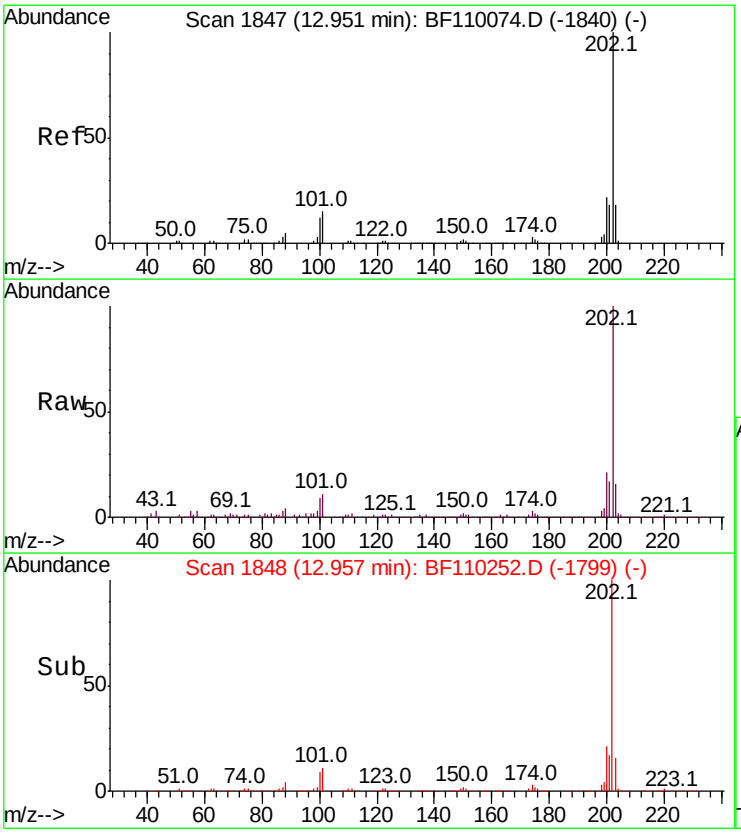
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.16 min Scan# 2052
Delta R.T. -0.01 min
Lab File: BF110252.D
Acq: 29 Oct 2018 10:37

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 209389

Ion	Ratio	Lower	Upper
240	100		
120	9.8	8.3	12.5
236	25.3	21.2	31.8

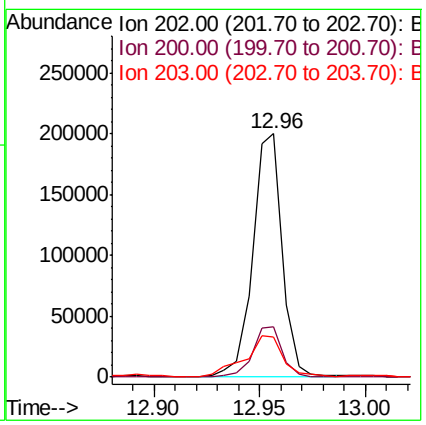


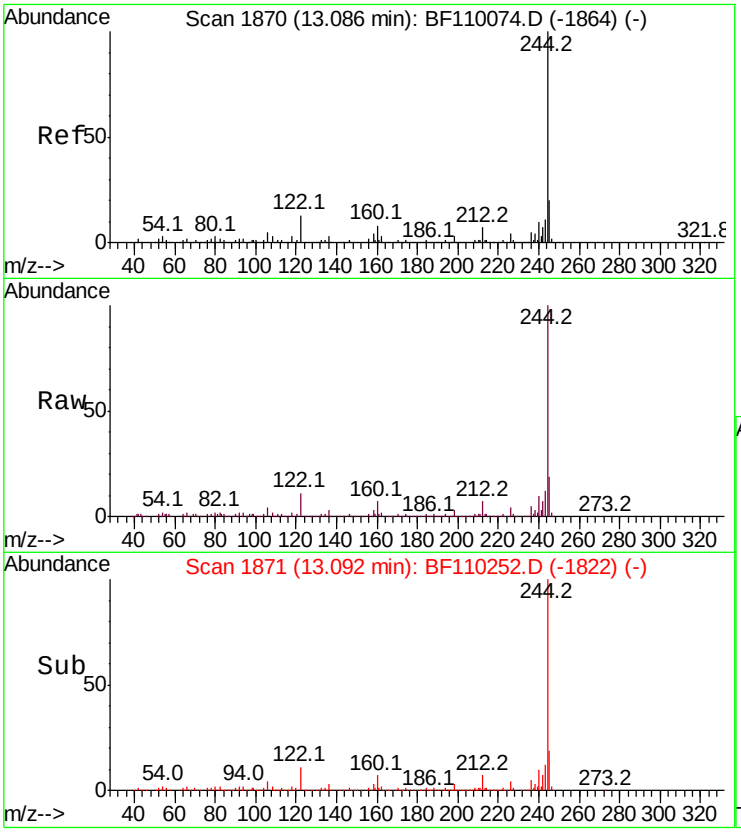


#78
Pyrene
Concen: 12.900 ng
RT: 12.96 min Scan# 1848
Delta R.T. -0.01 min
Lab File: BF110252.D
Acq: 29 Oct 2018 10:37

Tgt Ion:202 Resp: 193641

Ion	Ratio	Lower	Upper
202	100		
200	20.5	17.8	26.6
203	16.3	14.2	21.4



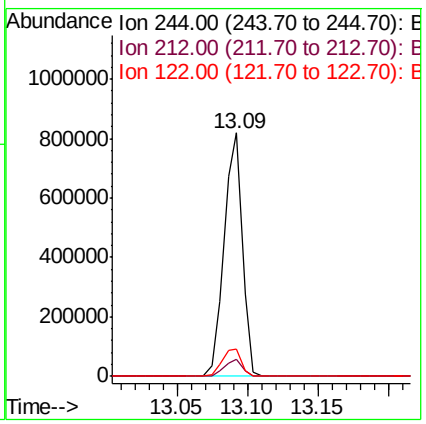


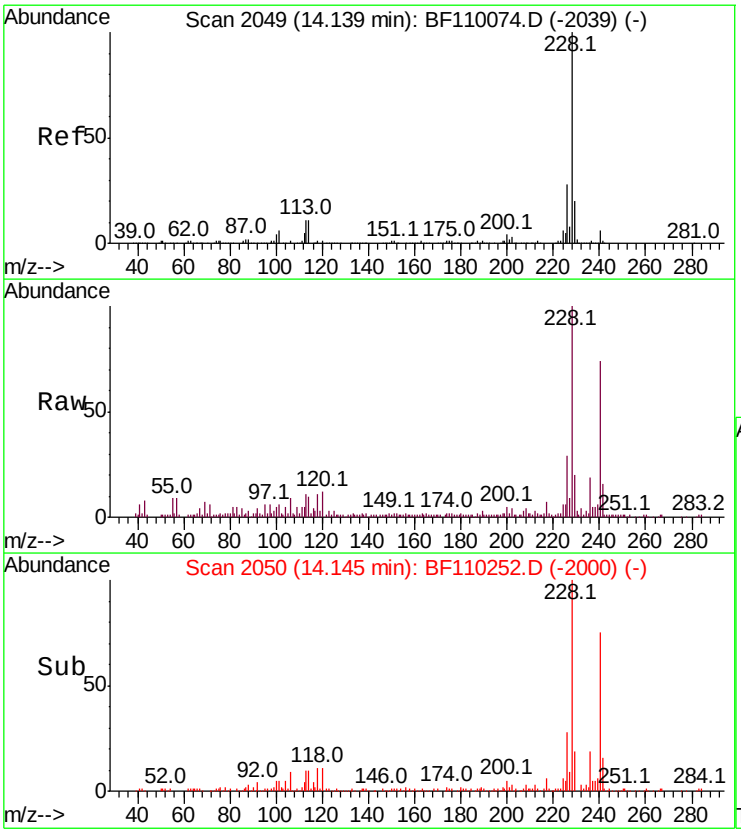
#79
Terphenyl-d14
Concen: 73.148 ng
RT: 13.09 min Scan# 1871
Delta R.T. -0.01 min
Lab File: BF110252.D
Acq: 29 Oct 2018 10:37

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 736472

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.8	8.8
122	11.2	8.7	13.1

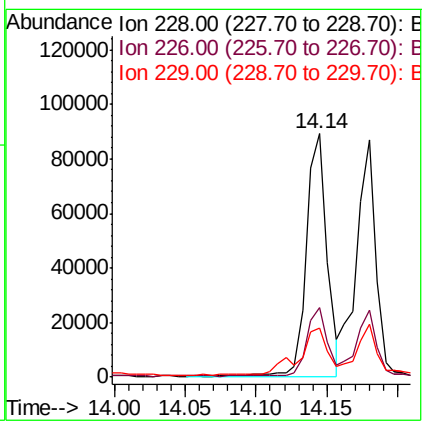


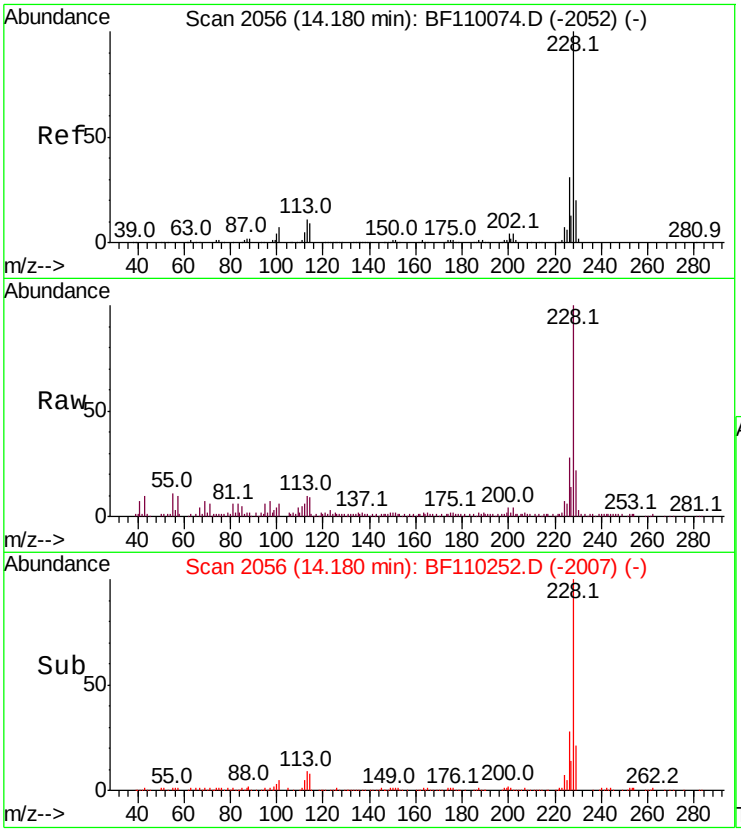


#81
Benzo(a)anthracene
Concen: 7.374 ng
RT: 14.14 min Scan# 2050
Delta R.T. -0.01 min
Lab File: BF110252.D
Acq: 29 Oct 2018 10:37

Tgt Ion:228 Resp: 91561

Ion	Ratio	Lower	Upper
228	100		
226	28.7	22.1	33.1
229	20.2	15.6	23.4



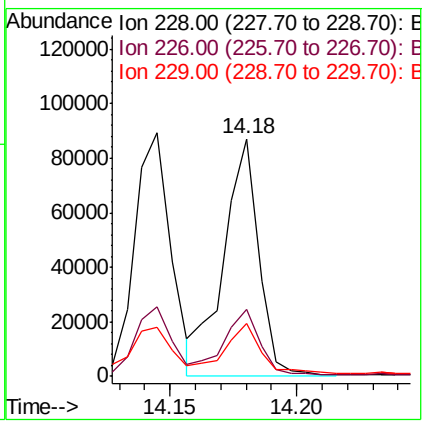


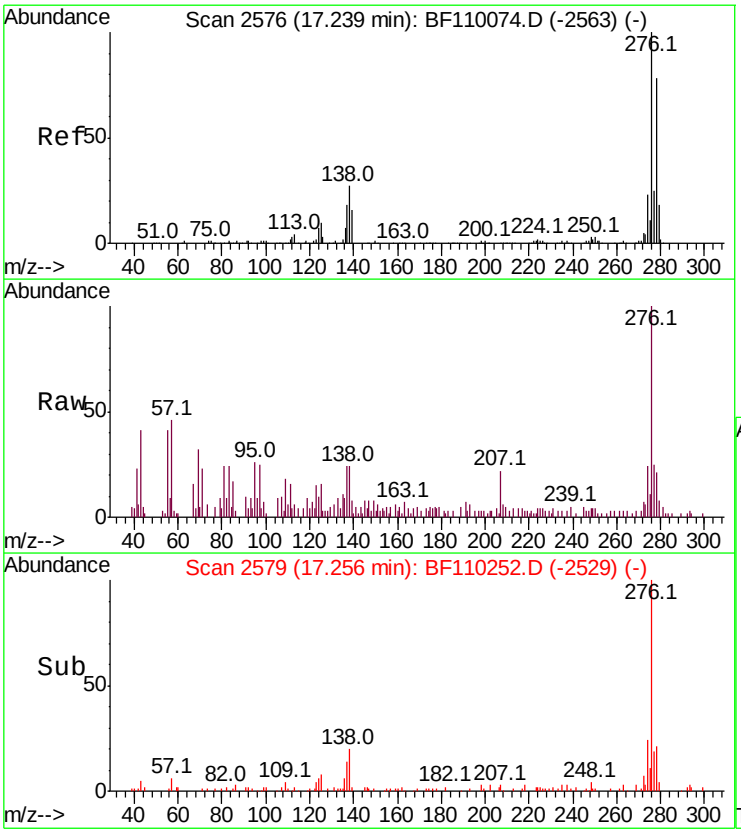
#83
Chrysene
Concen: 7.086 ng
RT: 14.18 min Scan# 2056
Delta R.T. -0.01 min
Lab File: BF110252.D
Acq: 29 Oct 2018 10:37

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 83567

Ion	Ratio	Lower	Upper
228	100		
226	28.0	24.7	37.1
229	22.5	15.9	23.9

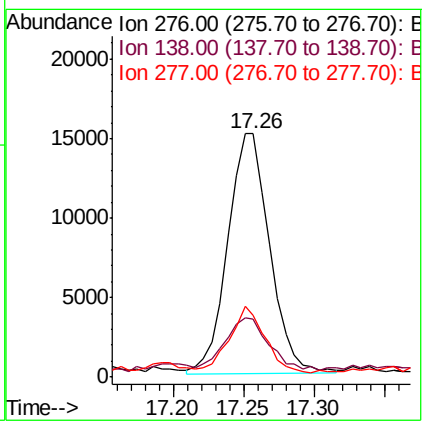


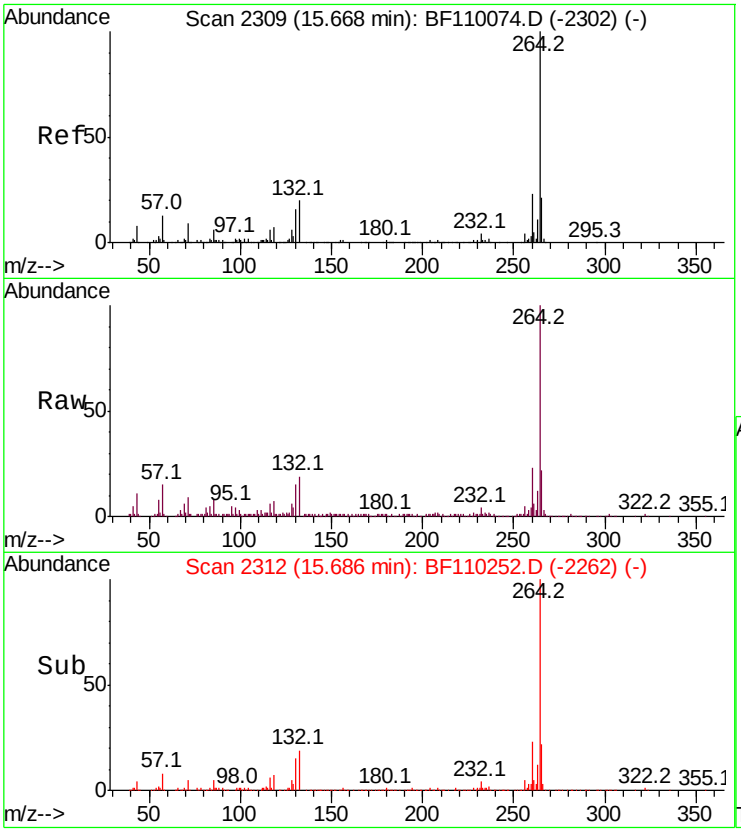


#86
Indeno(1,2,3-cd)pyrene
Concen: 3.202 ng
RT: 17.26 min Scan# 2579
Delta R.T. -0.01 min
Lab File: BF110252.D
Acq: 29 Oct 2018 10:37

Tgt Ion:276 Resp: 31329

Ion	Ratio	Lower	Upper
276	100		
138	22.6	18.5	27.7
277	23.8	20.0	30.0



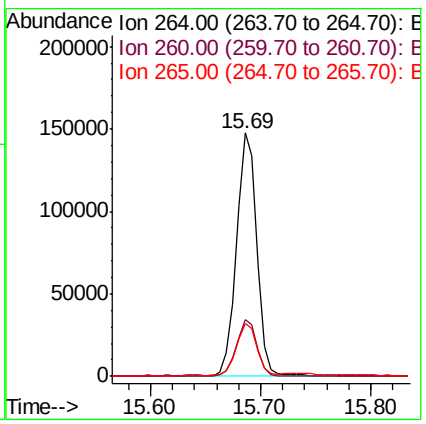


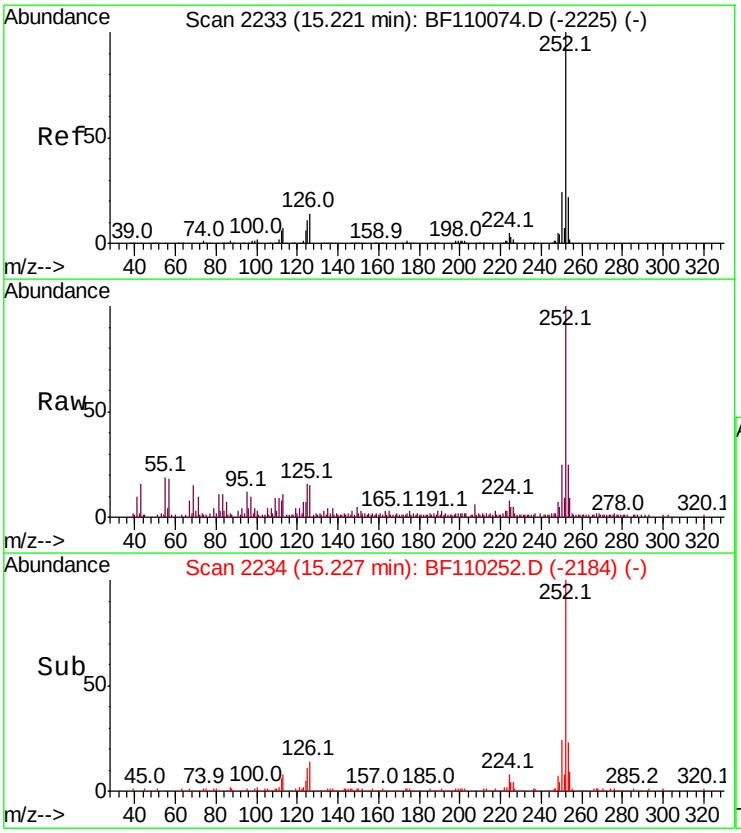
#87
Perylene-d12
Concen: 20.000 ng
RT: 15.69 min Scan# 2312
Delta R.T. -0.01 min
Lab File: BF110252.D
Acq: 29 Oct 2018 10:37

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 192306

Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.7	28.1
265	21.8	16.7	25.1

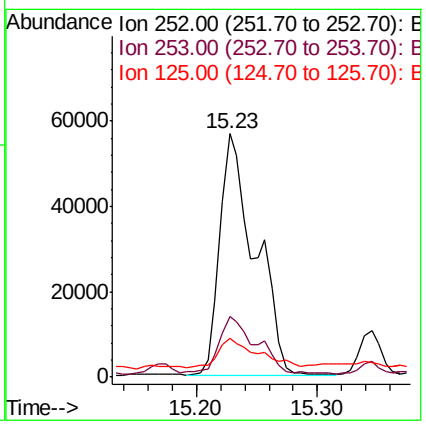


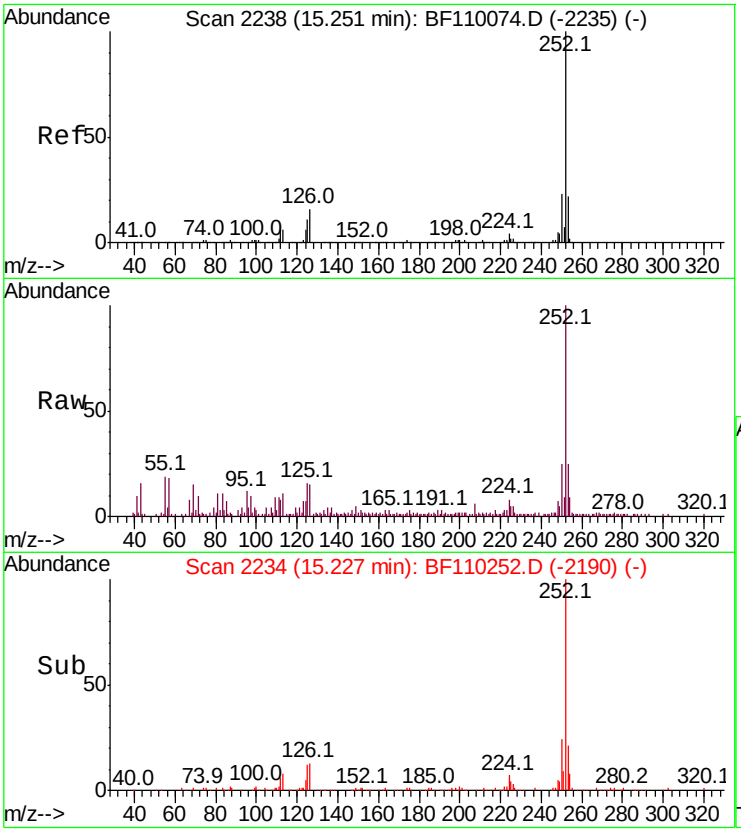


#88
Benzo(b)fluoranthene
Concen: 10.411 ng
RT: 15.23 min Scan# 2234
Delta R.T. -0.01 min
Lab File: BF110252.D
Acq: 29 Oct 2018 10:37

Tgt Ion:252 Resp: 115610

Ion	Ratio	Lower	Upper
252	100		
253	24.9	17.2	25.8
125	16.0	8.2	12.4#



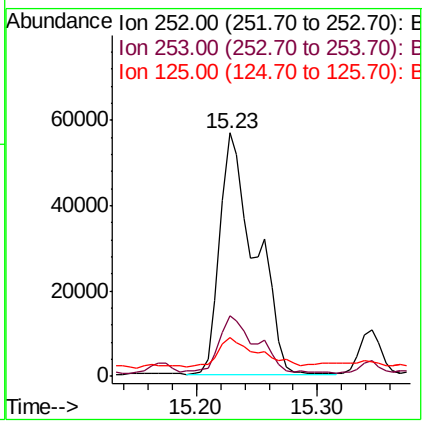


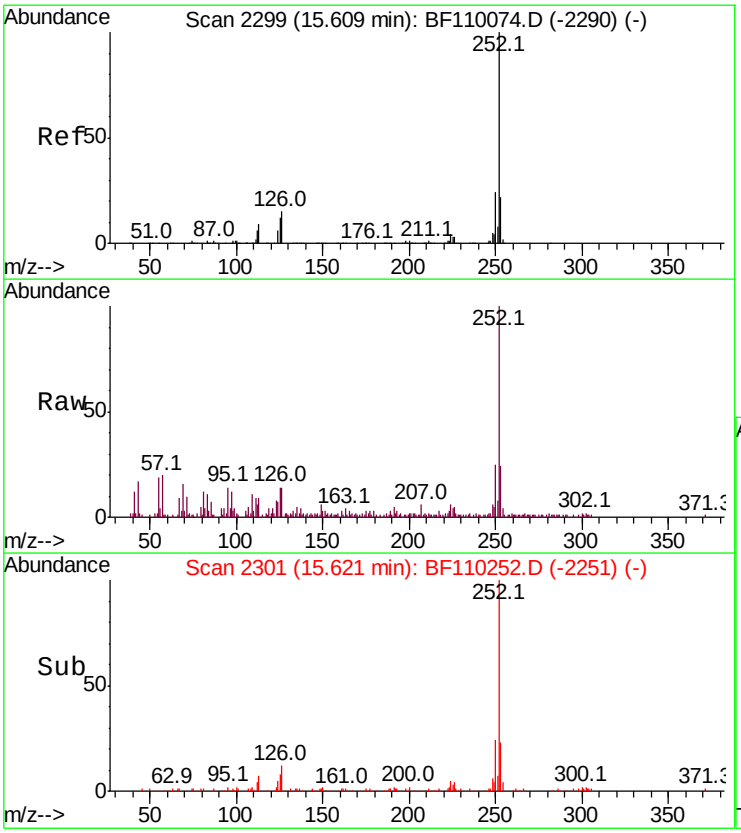
#89
Benzo(k)fluoranthene
Concen: 10.590 ng
RT: 15.23 min Scan# 2234
Delta R.T. -0.04 min
Lab File: BF110252.D
Acq: 29 Oct 2018 10:37

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 115610

Ion	Ratio	Lower	Upper
252	100		
253	24.9	17.2	25.8
125	16.0	7.4	11.0#

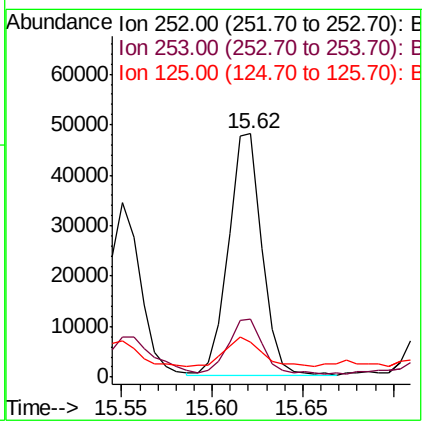


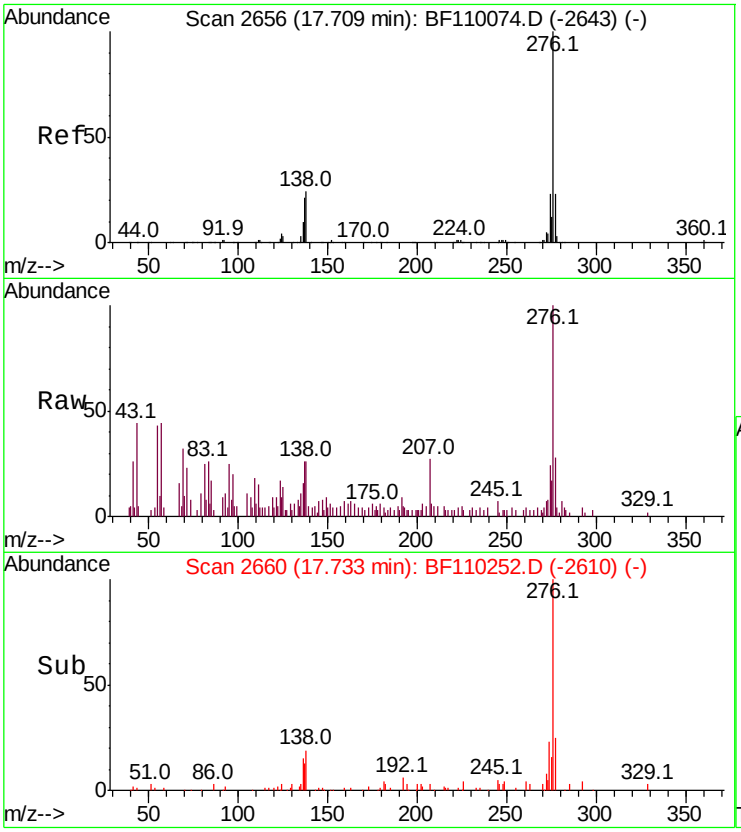


#90
Benzo(a)pyrene
Concen: 6.006 ng
RT: 15.62 min Scan# 2301
Delta R.T. -0.01 min
Lab File: BF110252.D
Acq: 29 Oct 2018 10:37

Tgt Ion:252 Resp: 61372

Ion	Ratio	Lower	Upper
252	100		
253	23.7	18.2	27.4
125	14.1	9.0	13.6#





#92
Benzo(g,h,i)perylene
Concen: 3.351 ng
RT: 17.73 min Scan# 2660
Delta R.T. -0.01 min
Lab File: BF110252.D
Acq: 29 Oct 2018 10:37

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 29118

Ion	Ratio	Lower	Upper
276	100		
277	27.5	18.8	28.2
138	25.7	16.0	24.0#