Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110218\
Data File : BF110420.D
Acq On : 2 Nov 2018 19:06
Operator : JU/SJ
Sample : J5759-17 10X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Nov 03 00:51:28 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF102318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 01 16:06:12 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	92574	20.00	ng		0.00
21) Naphthalene-d8	8.24	136	392408	20.00	ng		0.00
39) Acenaphthene-d10	10.00	164	174645	20.00	ng		0.00
64) Phenanthrene-d10	11.49	188	274665	20.00	ng		0.00
76) Chrysene-d12	14.13	240	174704	20.00	ng		0.00
87) Perylene-d12	15.66	264	165426	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.57	112	69100	12.16	ng		0.00
7) Phenol-d6	6.57	99	92104	12.67	ng		-0.01
23) Nitrobenzene-d5	7.52	82	55140	8.33	ng		0.00
42) 2,4,6-Tribromophenol	10.79	330	11414	6.60	ng		0.00
45) 2-Fluorobiphenyl	9.31	172	104213	9.37	ng		0.00
79) Terphenyl-d14	13.07	244	62832	7.48	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.72	77	1565	Below Cal		#	84
25) Isophorone	7.52	82	55147	4.890	ng	#	67
51) 2,6-Dinitrotoluene	9.99	165	22456	8.087	ng	#	22
57) 2,4-Dinitrotoluene	9.99	165	22456	6.366	ng	#	18
71) Phenanthrene	11.51	178	50526	3.516	ng		100
75) Fluoranthene	12.70	202	60010	4.114	ng		97
78) Pyrene	12.93	202	58150	4.643	ng		97
81) Benzo(a)anthracene	14.16	228	25223	2.435	ng		96
83) Chrysene	14.16	228	25223	2.563	ng		99
88) Benzo(b)fluoranthene	15.20	252	41155	4.308	ng	#	95
89) Benzo(k)fluoranthene	15.20	252	41155	4.382	ng	#	95
90) Benzo(a)pyrene	15.59	252	24884	2.831	ng		98

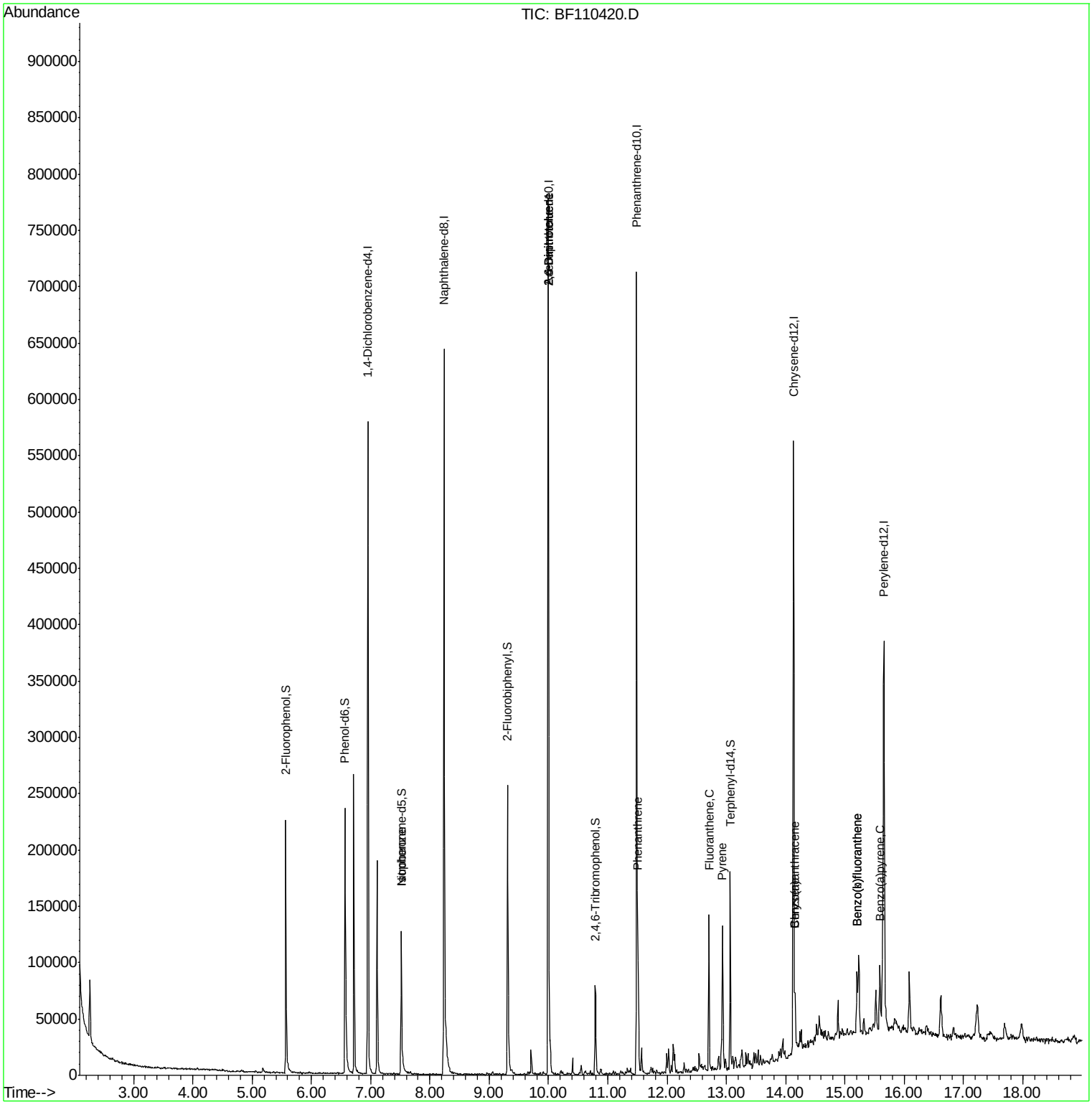
(#) = qualifier out of range (m) = manual integration (+) = signals summed

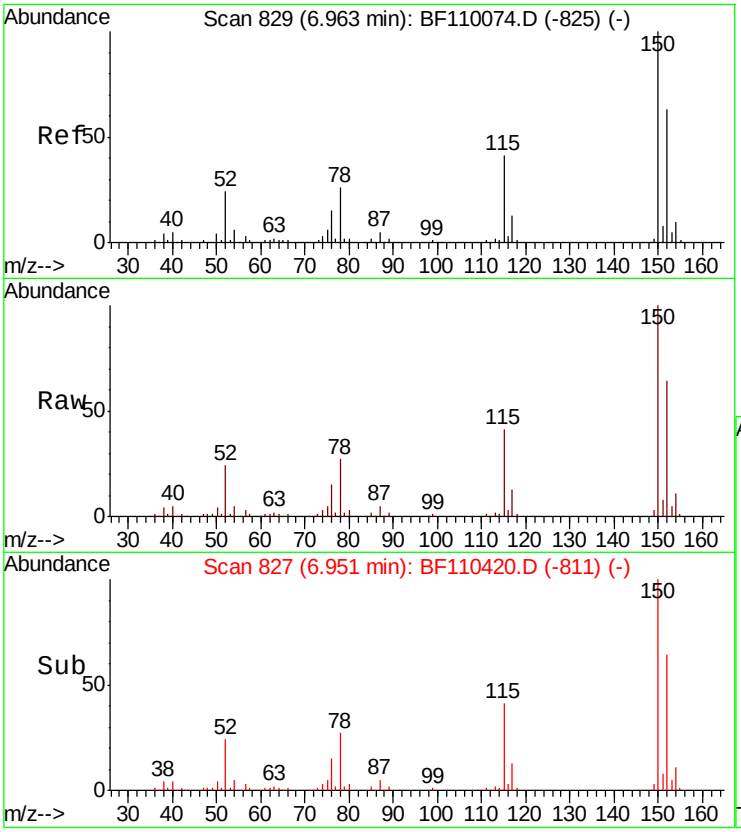
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110218\
Data File : BF110420.D
Acq On : 2 Nov 2018 19:06
Operator : JU/SJ
Sample : J5759-17 10X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Nov 03 00:51:28 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF102318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 01 16:06:12 2018
Response via : Initial Calibration



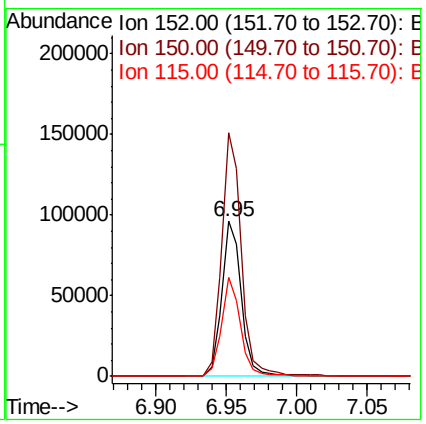


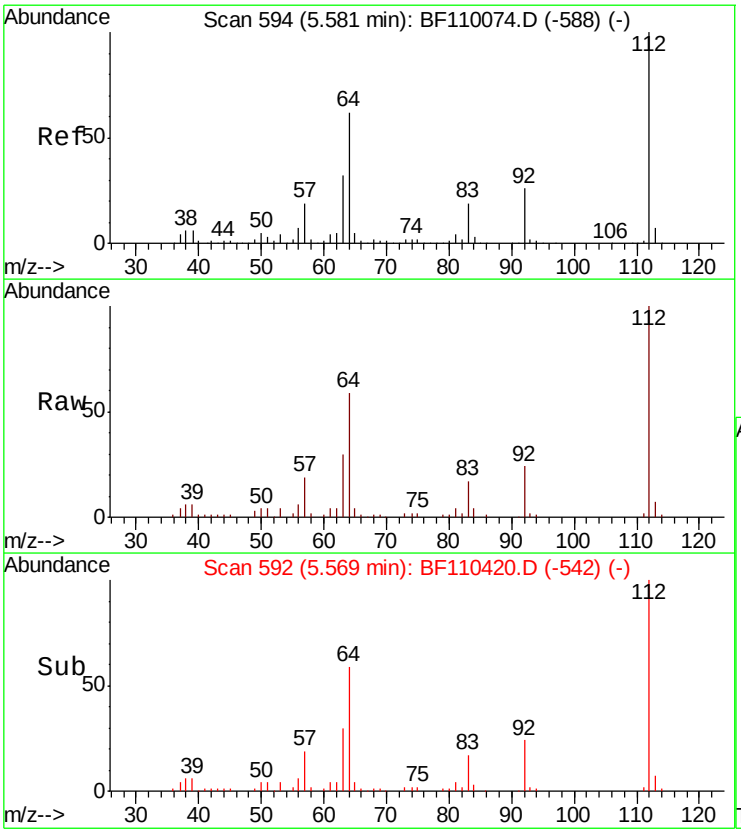
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 827
Delta R.T. -0.01 min
Lab File: BF110420.D
Acq: 2 Nov 2018 19:06

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 92574

Ion	Ratio	Lower	Upper
152	100		
150	157.0	122.7	184.1
115	64.2	49.1	73.7

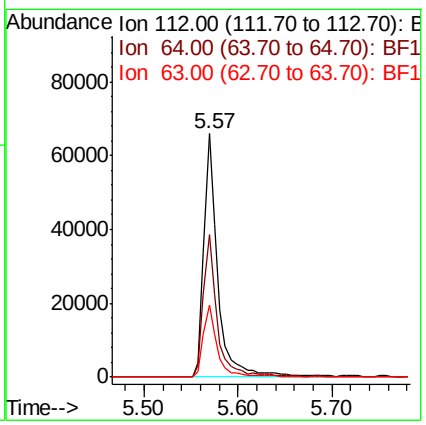


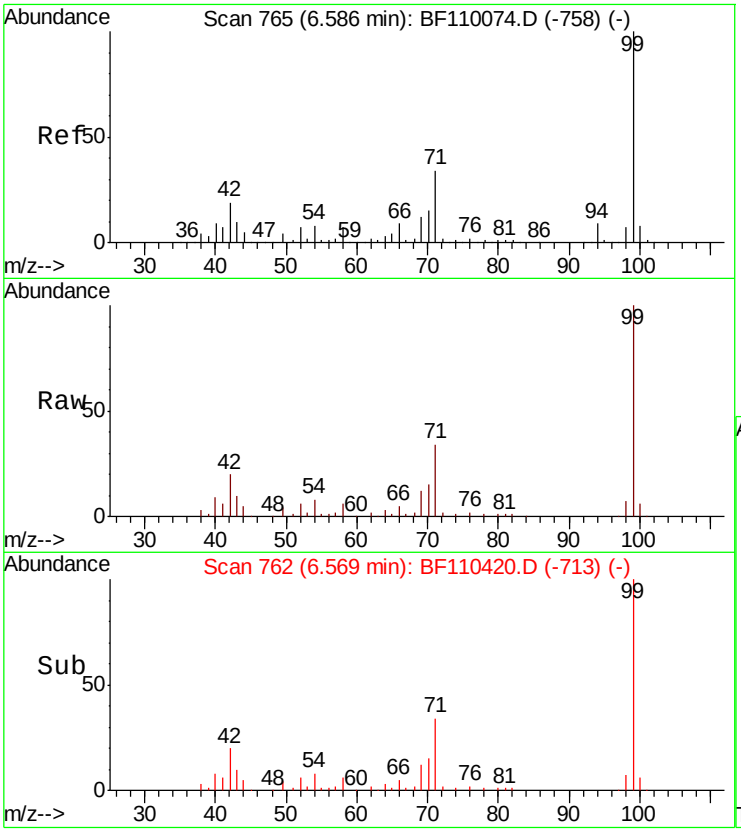


#5
2-Fluorophenol
Concen: 12.155 ng
RT: 5.57 min Scan# 592
Delta R.T. -0.01 min
Lab File: BF110420.D
Acq: 2 Nov 2018 19:06

Tgt Ion:112 Resp: 69100

Ion	Ratio	Lower	Upper
112	100		
64	58.5	44.1	66.1
63	29.8	23.7	35.5



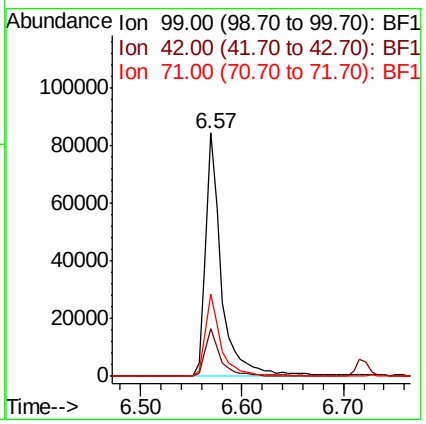


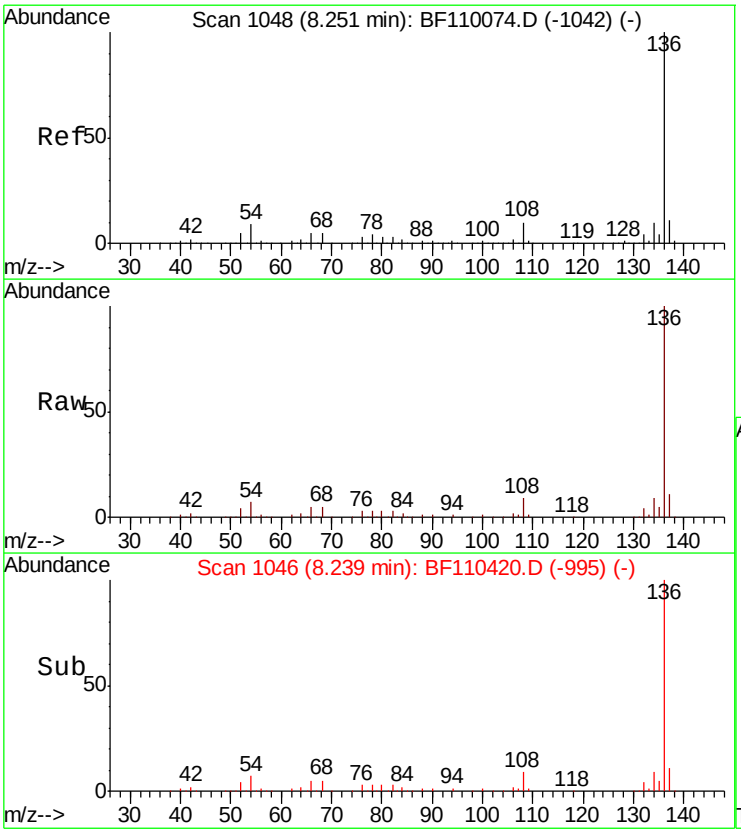
#7
Phenol-d6
Concen: 12.667 ng
RT: 6.57 min Scan# 762
Delta R.T. -0.01 min
Lab File: BF110420.D
Acq: 2 Nov 2018 19:06

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 92104

Ion	Ratio	Lower	Upper
99	100		
42	19.9	15.8	23.6
71	33.8	28.0	42.0

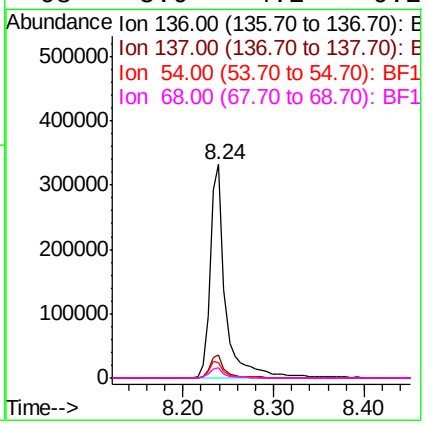


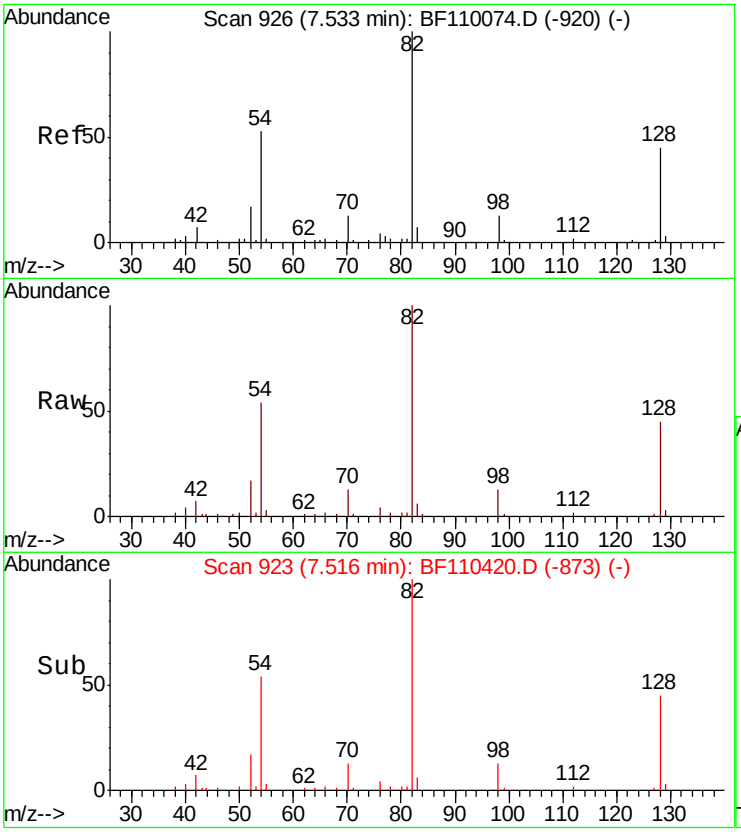


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1046
Delta R.T. 0.00 min
Lab File: BF110420.D
Acq: 2 Nov 2018 19:06

Tgt Ion:136 Resp: 392408

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	7.2	5.4	8.2
68	5.0	4.2	6.2



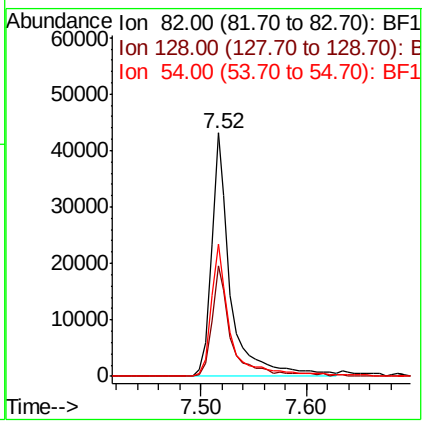


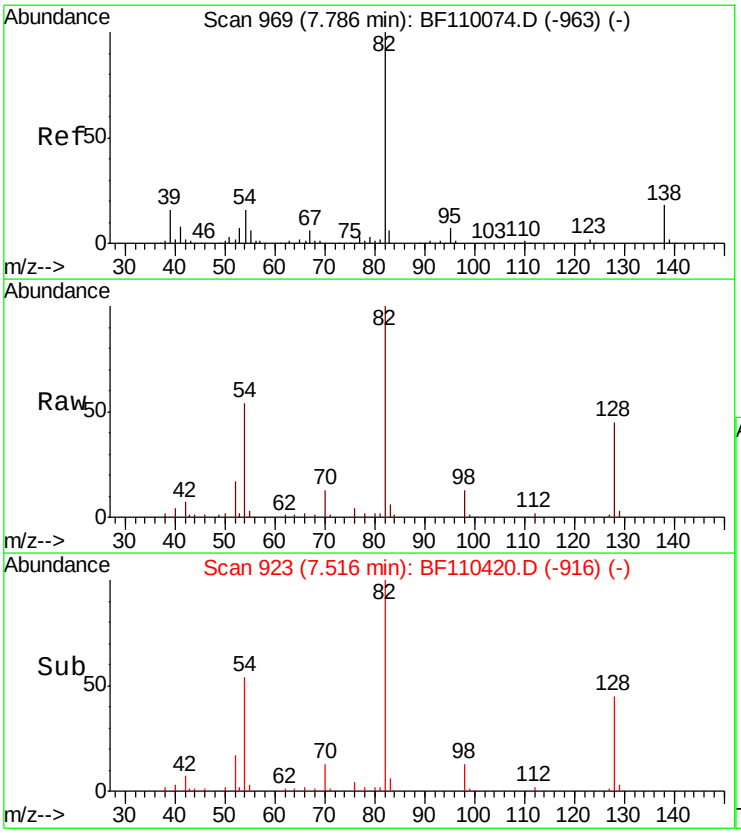
#23
Nitrobenzene-d5
Concen: 8.335 ng
RT: 7.52 min Scan# 923
Delta R.T. -0.01 min
Lab File: BF110420.D
Acq: 2 Nov 2018 19:06

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 55140

Ion	Ratio	Lower	Upper
82	100		
128	45.3	34.2	51.2
54	54.2	38.6	58.0

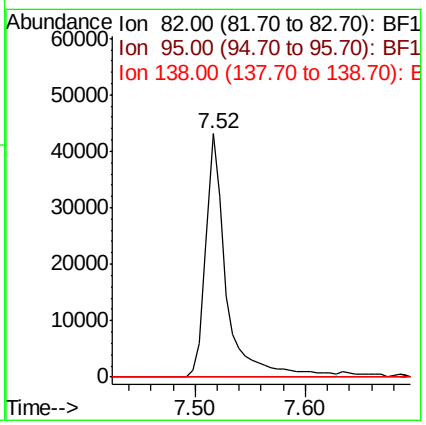


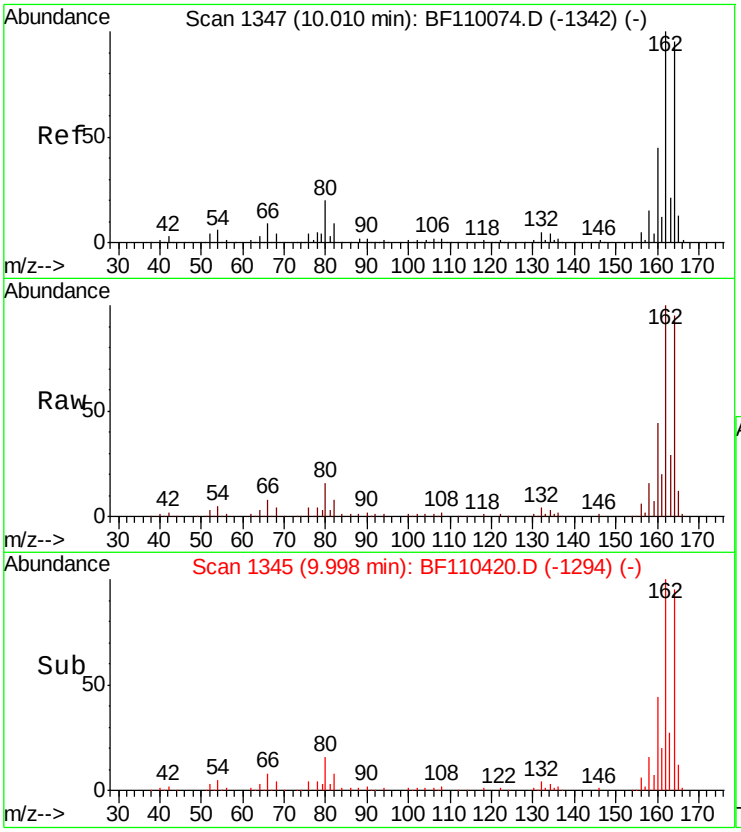


#25
Isophorone
Concen: 4.890 ng
RT: 7.52 min Scan# 923
Delta R.T. -0.26 min
Lab File: BF110420.D
Acq: 2 Nov 2018 19:06

Tgt Ion: 82 Resp: 55147

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



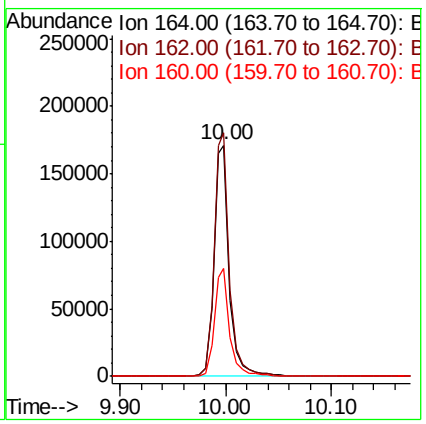


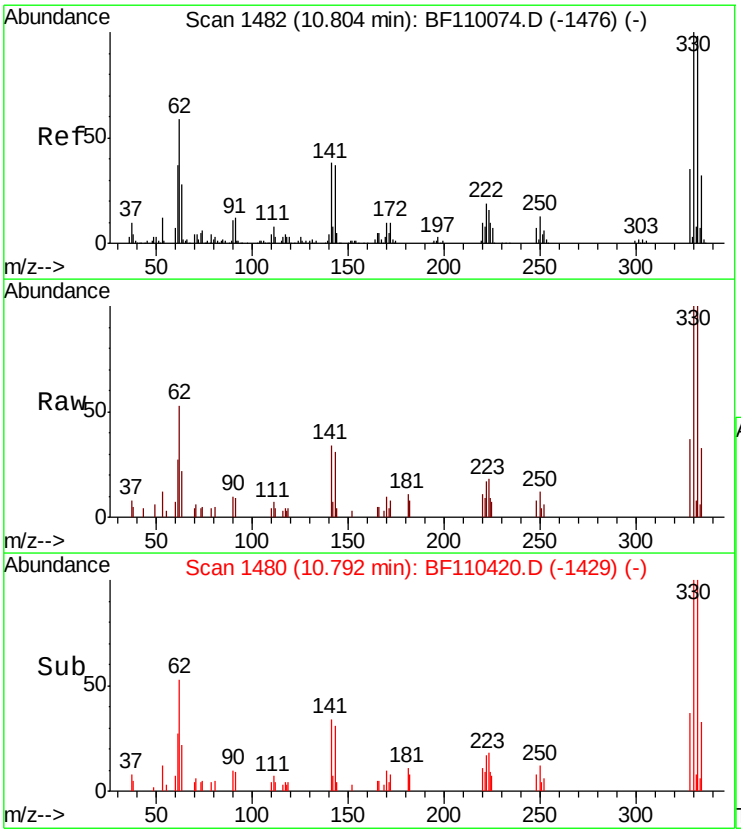
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.00 min Scan# 1345
Delta R.T. 0.00 min
Lab File: BF110420.D
Acq: 2 Nov 2018 19:06

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 174645

Ion	Ratio	Lower	Upper
164	100		
162	105.3	83.0	124.6
160	46.8	37.0	55.6

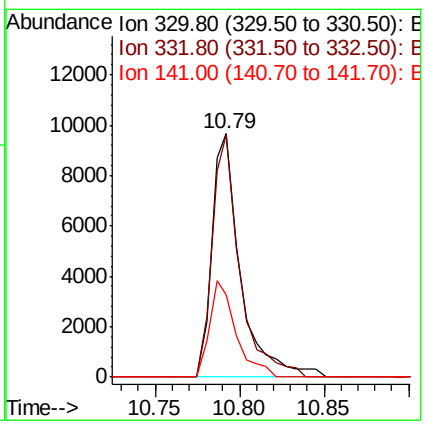


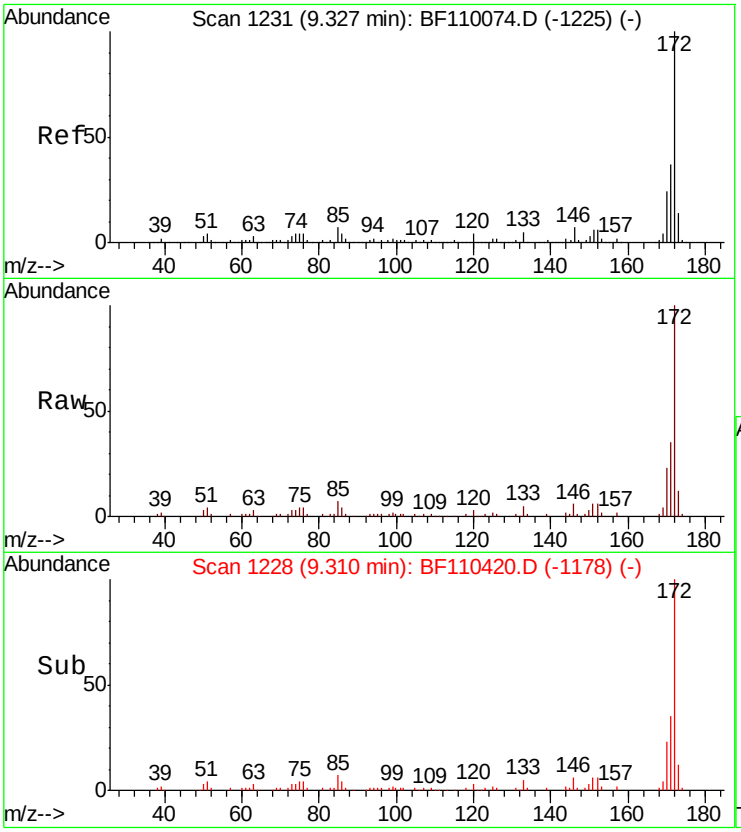


#42
2,4,6-Tribromophenol
Concen: 6.598 ng
RT: 10.79 min Scan# 1480
Delta R.T. 0.00 min
Lab File: BF110420.D
Acq: 2 Nov 2018 19:06

Tgt Ion:330 Resp: 11414

Ion	Ratio	Lower	Upper
330	100		
332	95.8	77.1	115.7
141	36.3	27.0	40.4



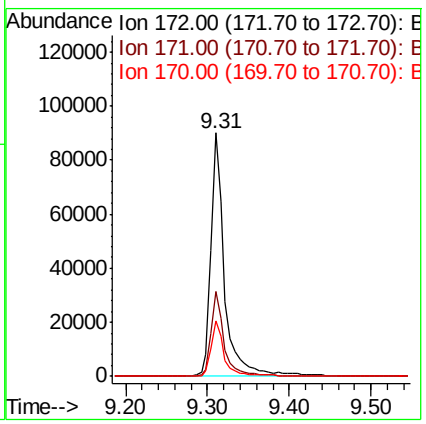


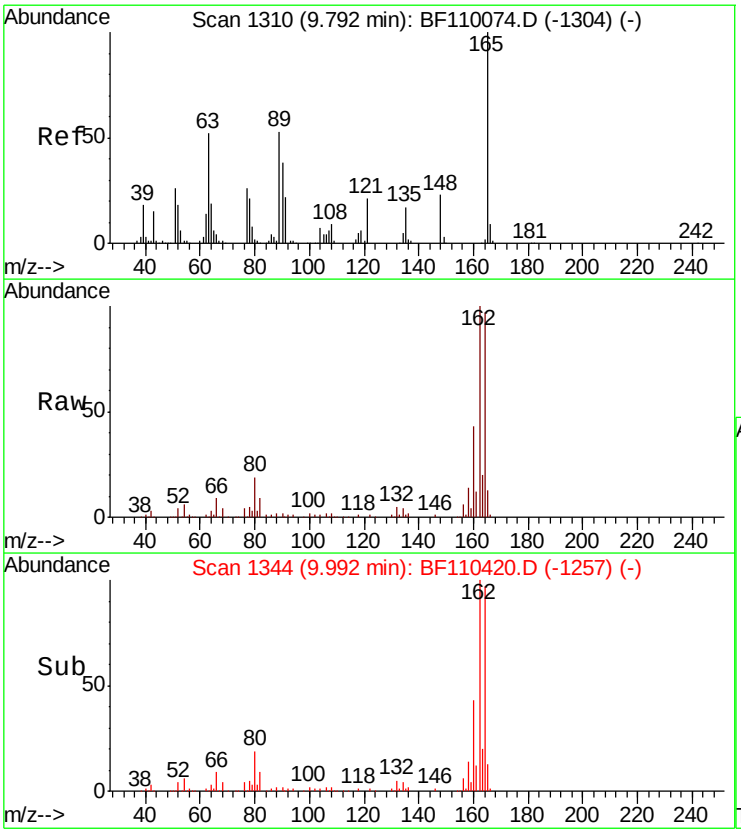
#45
2-Fluorobiphenyl
Concen: 9.370 ng
RT: 9.31 min Scan# 1228
Delta R.T. -0.01 min
Lab File: BF110420.D
Acq: 2 Nov 2018 19:06

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 104213

Ion	Ratio	Lower	Upper
172	100		
171	34.9	28.6	43.0
170	22.6	19.7	29.5

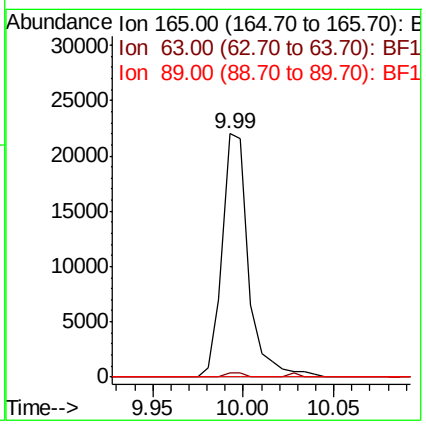


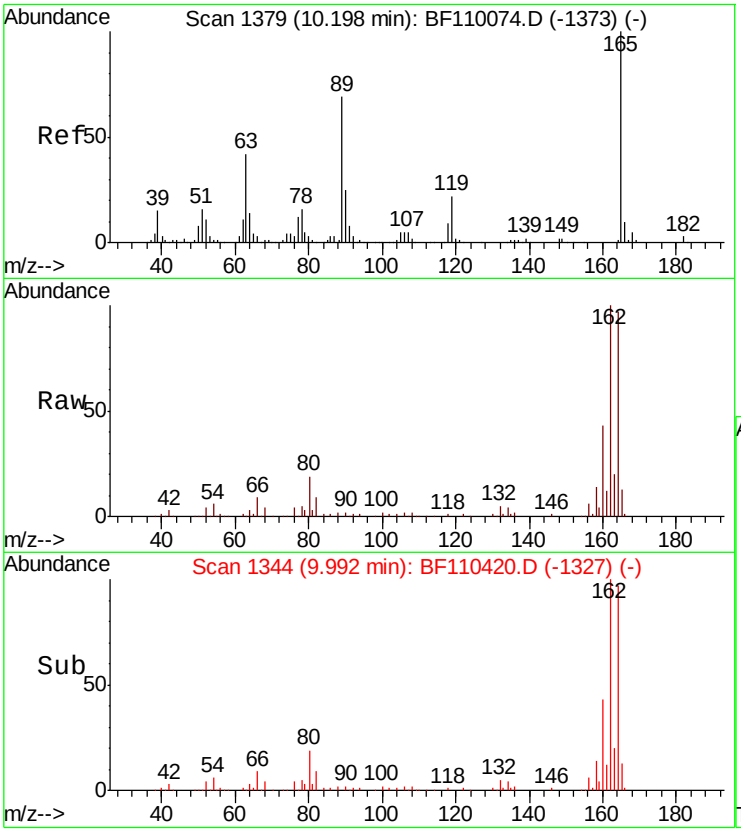


#51
2,6-Dinitrotoluene
Concen: 8.087 ng
RT: 9.99 min Scan# 1344
Delta R.T. 0.21 min
Lab File: BF110420.D
Acq: 2 Nov 2018 19:06

Tgt Ion:165 Resp: 22456

Ion	Ratio	Lower	Upper
165	100		
63	1.5	48.9	73.3#
89	0.0	46.6	69.8#



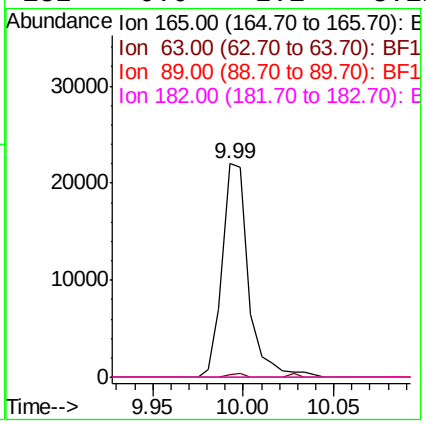


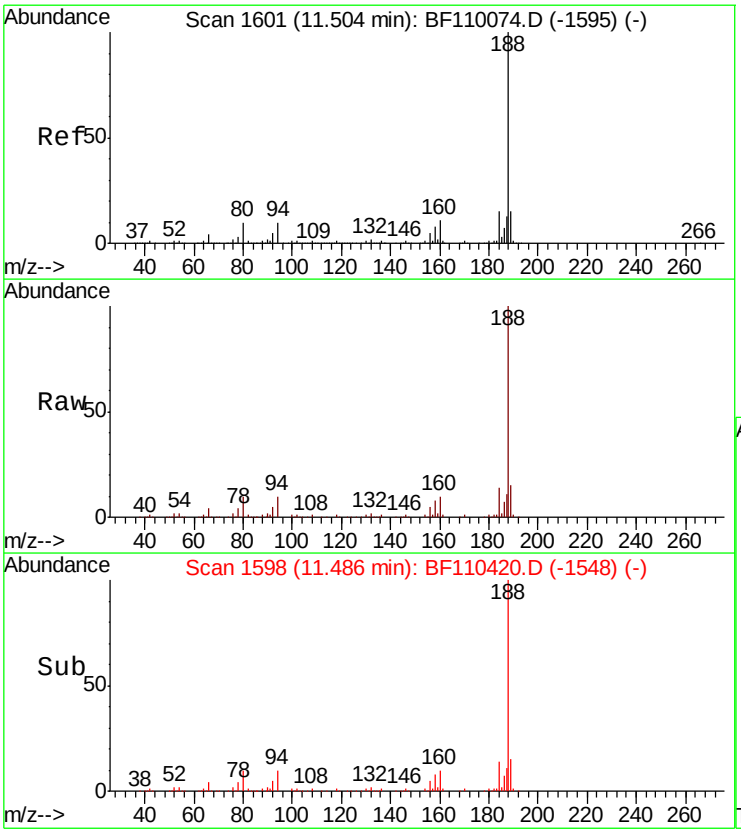
#57
2,4-Dinitrotoluene
Concen: 6.366 ng
RT: 9.99 min Scan# 1344
Delta R.T. -0.20 min
Lab File: BF110420.D
Acq: 2 Nov 2018 19:06

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 22456

Ion	Ratio	Lower	Upper
165	100		
63	1.5	44.8	67.2#
89	0.0	62.2	93.4#
182	0.0	2.1	3.1#

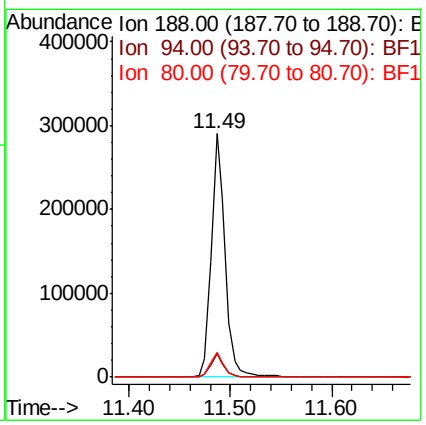


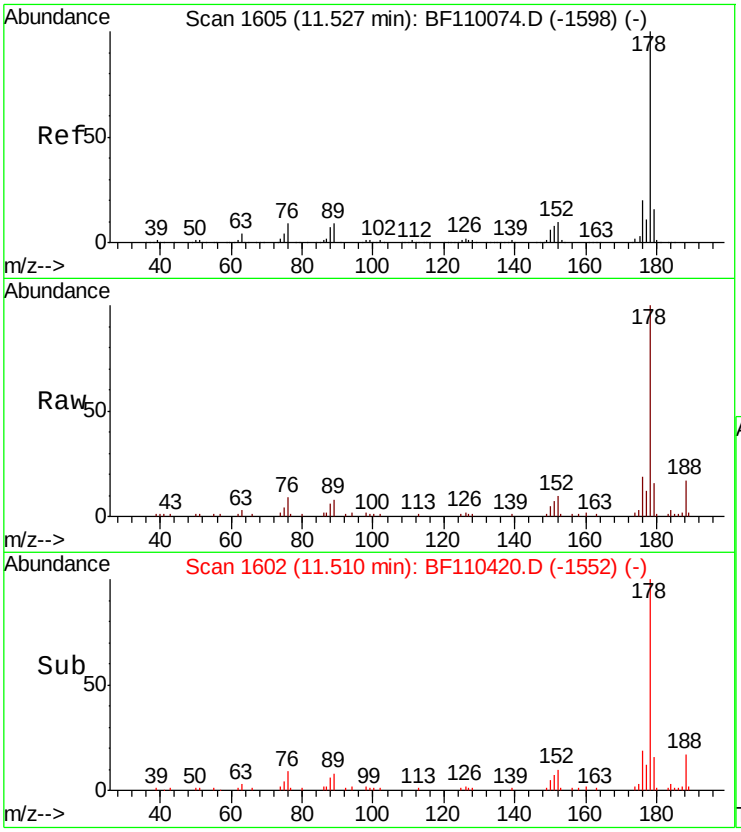


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.49 min Scan# 1598
Delta R.T. -0.01 min
Lab File: BF110420.D
Acq: 2 Nov 2018 19:06

Tgt Ion:188 Resp: 274665

Ion	Ratio	Lower	Upper
188	100		
94	9.5	7.2	10.8
80	10.1	7.9	11.9



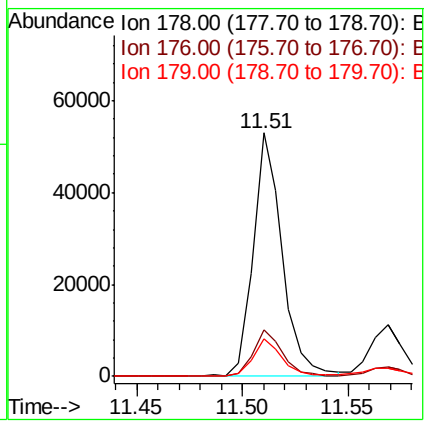


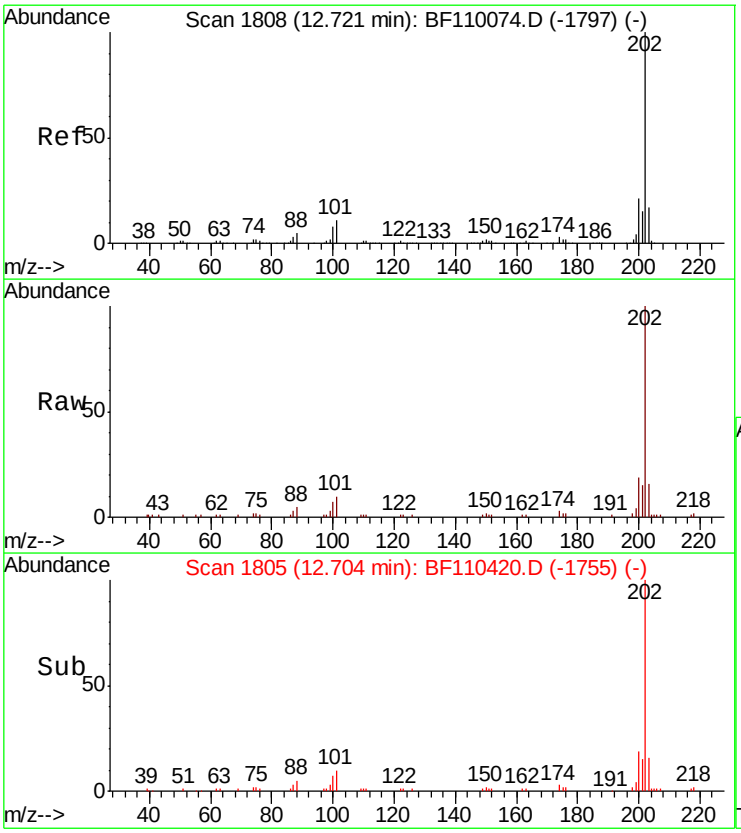
#71
Phenanthrene
Concen: 3.516 ng
RT: 11.51 min Scan# 1602
Delta R.T. -0.01 min
Lab File: BF110420.D
Acq: 2 Nov 2018 19:06

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 50526

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.5	23.3
179	15.5	12.5	18.7

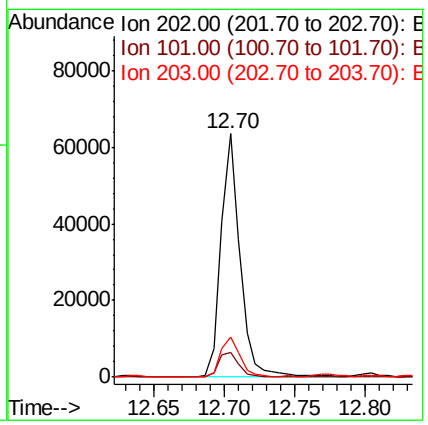


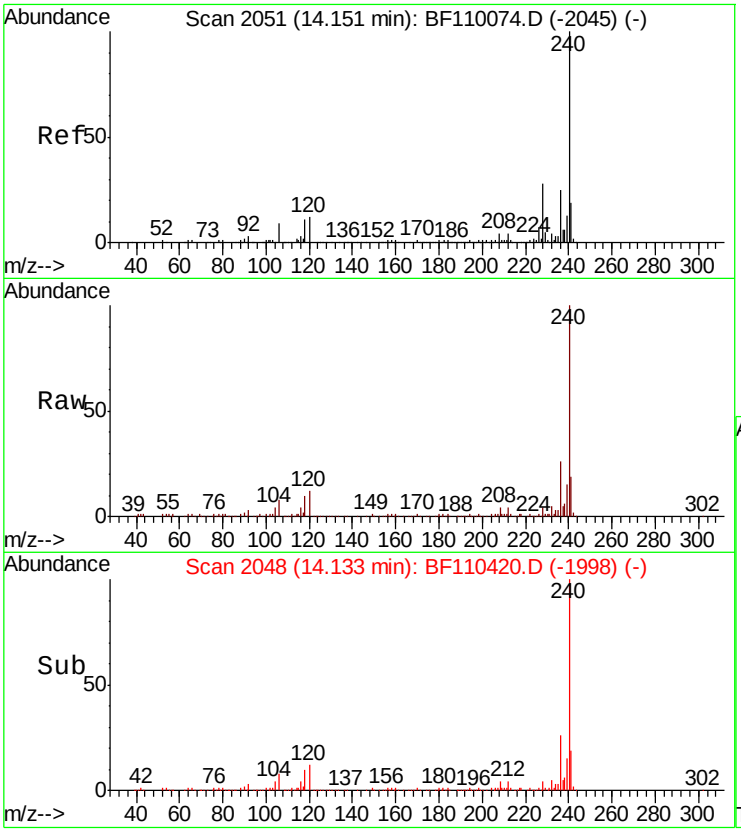


#75
Fluoranthene
Concen: 4.114 ng
RT: 12.70 min Scan# 1805
Delta R.T. -0.01 min
Lab File: BF110420.D
Acq: 2 Nov 2018 19:06

Tgt Ion:202 Resp: 60010

Ion	Ratio	Lower	Upper
202	100		
101	10.1	0.0	31.4
203	16.3	0.0	37.7



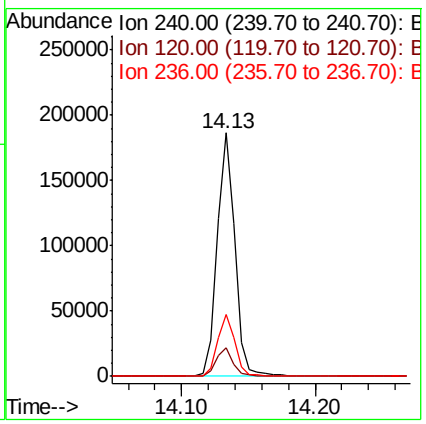


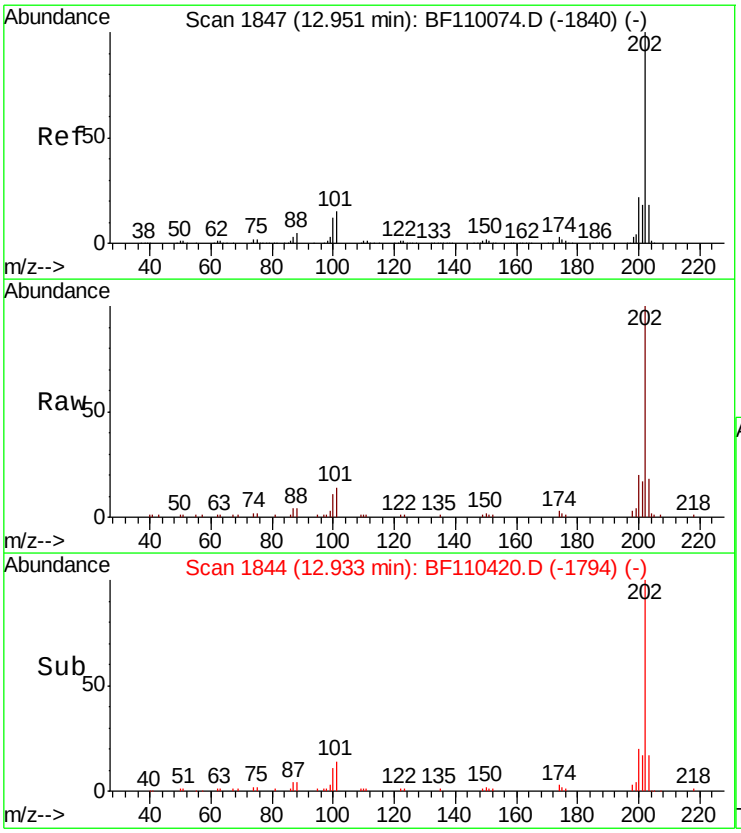
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.13 min Scan# 2048
Delta R.T. -0.01 min
Lab File: BF110420.D
Acq: 2 Nov 2018 19:06

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 174704

Ion	Ratio	Lower	Upper
240	100		
120	11.5	8.3	12.5
236	25.6	21.2	31.8

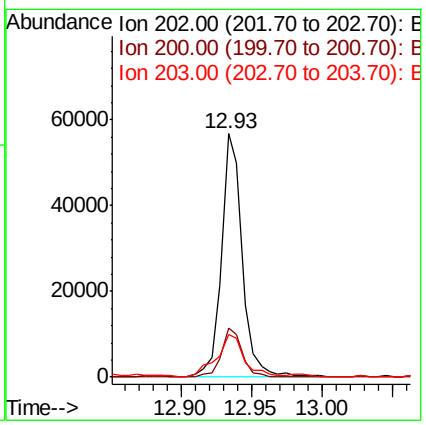


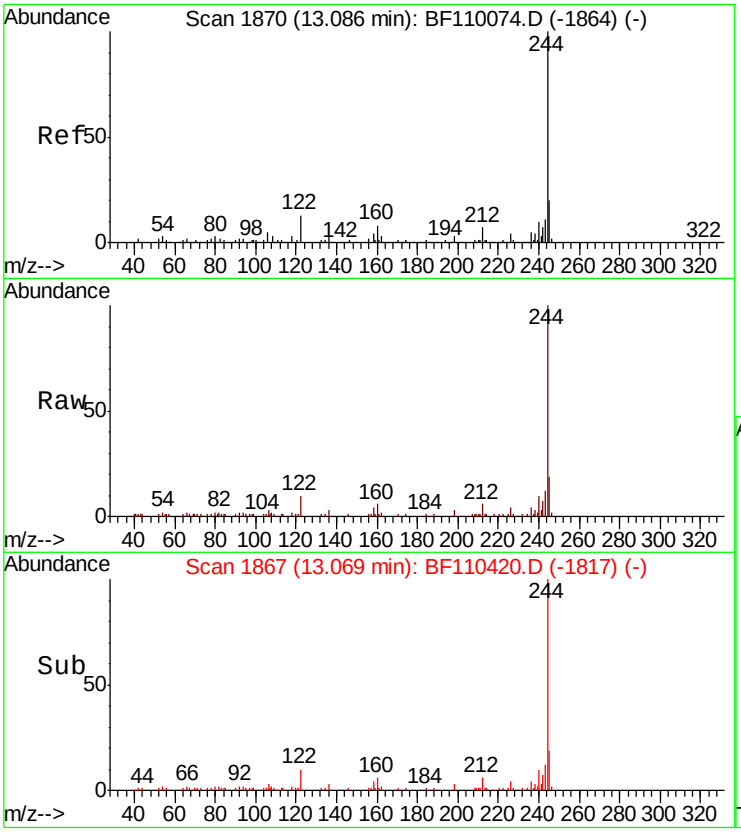


#78
Pyrene
Concen: 4.643 ng
RT: 12.93 min Scan# 1844
Delta R.T. -0.01 min
Lab File: BF110420.D
Acq: 2 Nov 2018 19:06

Tgt Ion:202 Resp: 58150

Ion	Ratio	Lower	Upper
202	100		
200	20.1	17.8	26.6
203	17.7	14.2	21.4



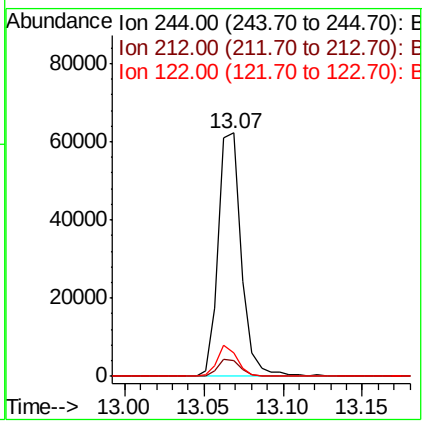


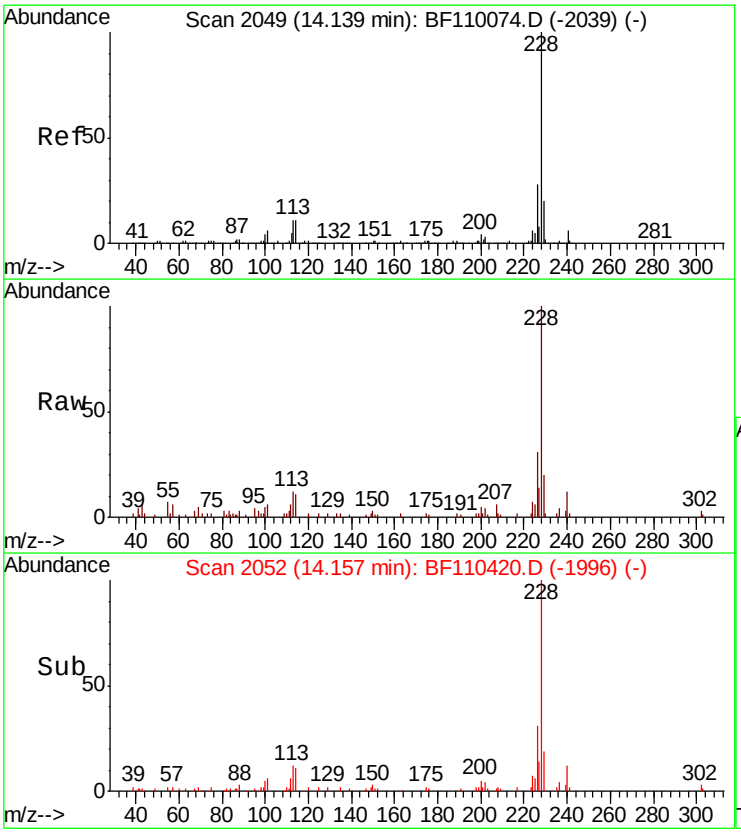
#79
Terphenyl-d14
Concen: 7.480 ng
RT: 13.07 min Scan# 1867
Delta R.T. -0.01 min
Lab File: BF110420.D
Acq: 2 Nov 2018 19:06

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 62832

Ion	Ratio	Lower	Upper
244	100		
212	6.4	5.8	8.8
122	9.8	8.7	13.1

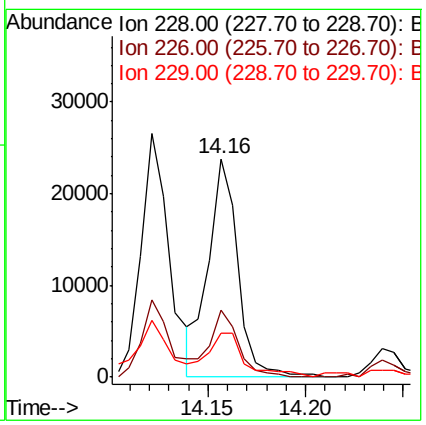


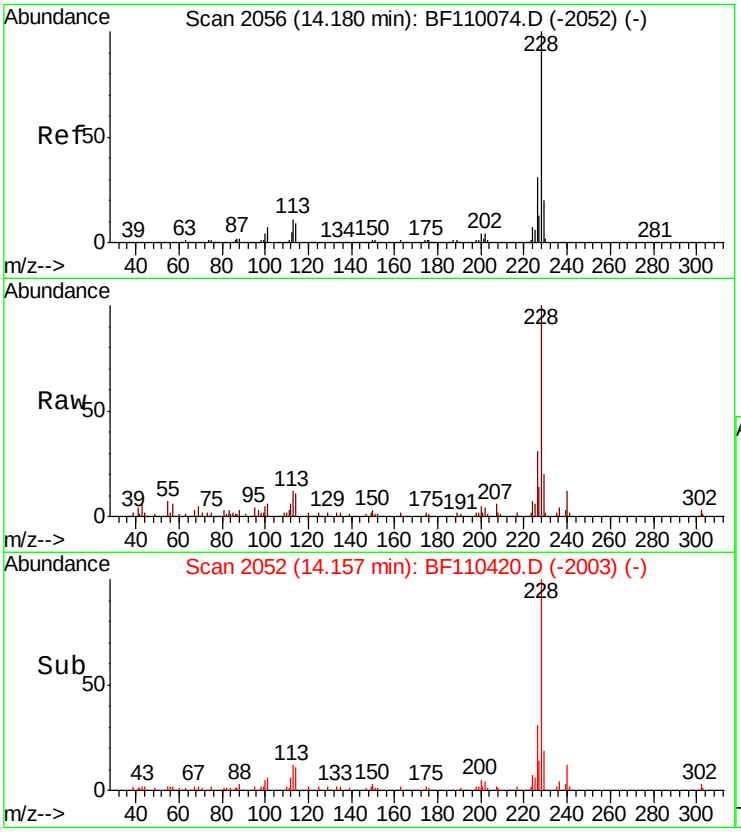


#81
Benzo(a)anthracene
Concen: 2.435 ng
RT: 14.16 min Scan# 2052
Delta R.T. 0.03 min
Lab File: BF110420.D
Acq: 2 Nov 2018 19:06

Tgt Ion:228 Resp: 25223

Ion	Ratio	Lower	Upper
228	100		
226	30.8	22.1	33.1
229	20.4	15.6	23.4



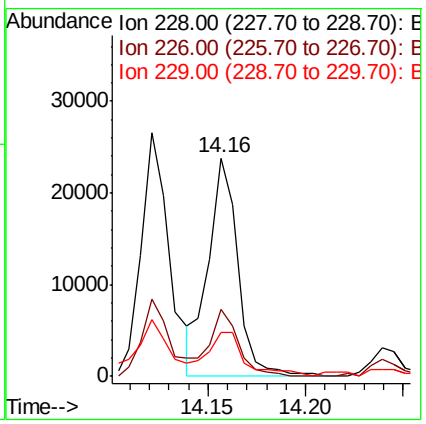


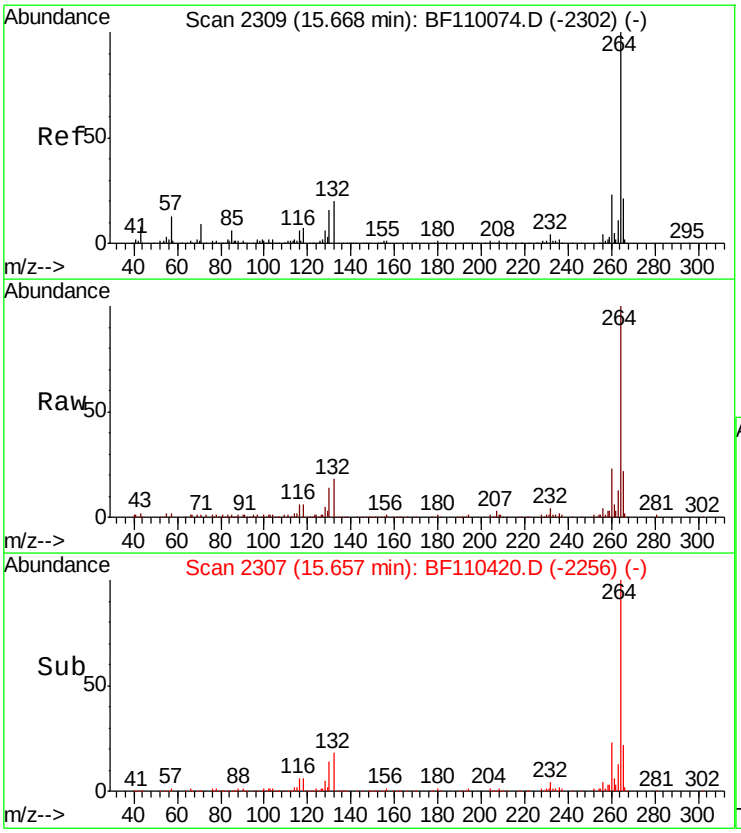
#83
Chrysene
Concen: 2.563 ng
RT: 14.16 min Scan# 2052
Delta R.T. -0.01 min
Lab File: BF110420.D
Acq: 2 Nov 2018 19:06

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 25223

Ion	Ratio	Lower	Upper
228	100		
226	30.8	24.7	37.1
229	20.4	15.9	23.9

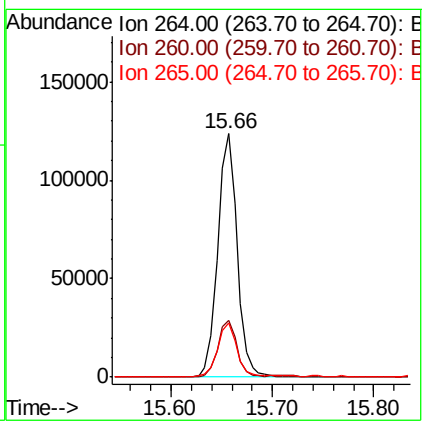


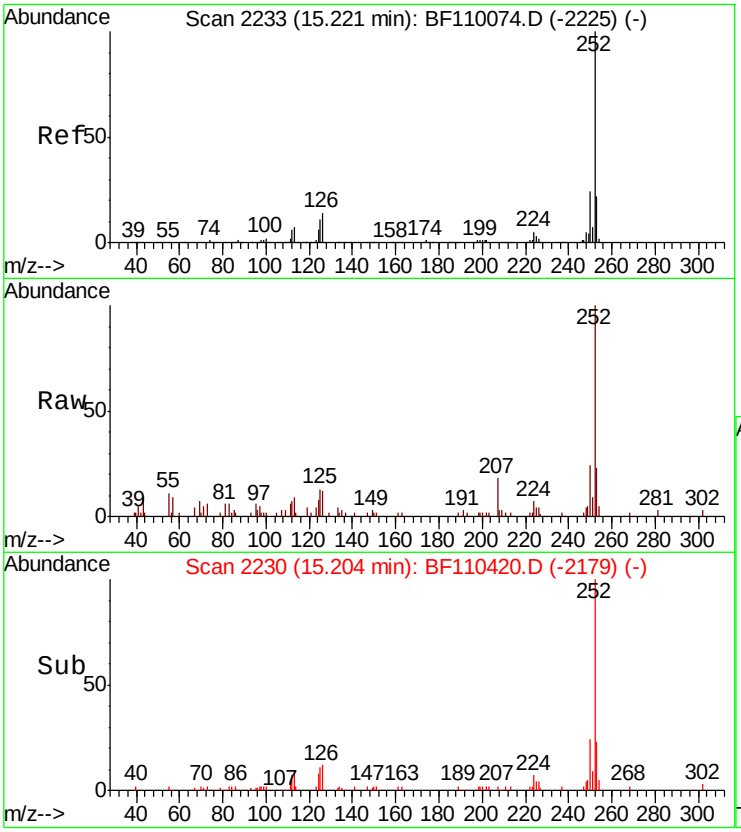


#87
Perylene-d12
Concen: 20.000 ng
RT: 15.66 min Scan# 2307
Delta R.T. 0.00 min
Lab File: BF110420.D
Acq: 2 Nov 2018 19:06

Tgt Ion:264 Resp: 165426

Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.7	28.1
265	22.2	16.7	25.1



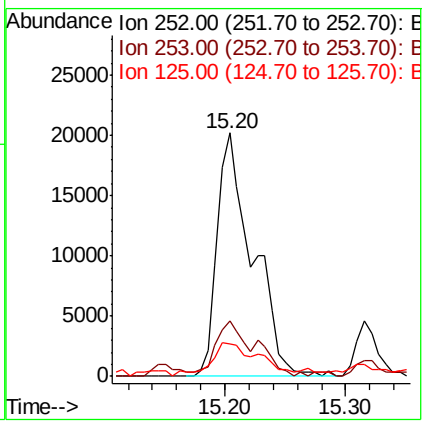


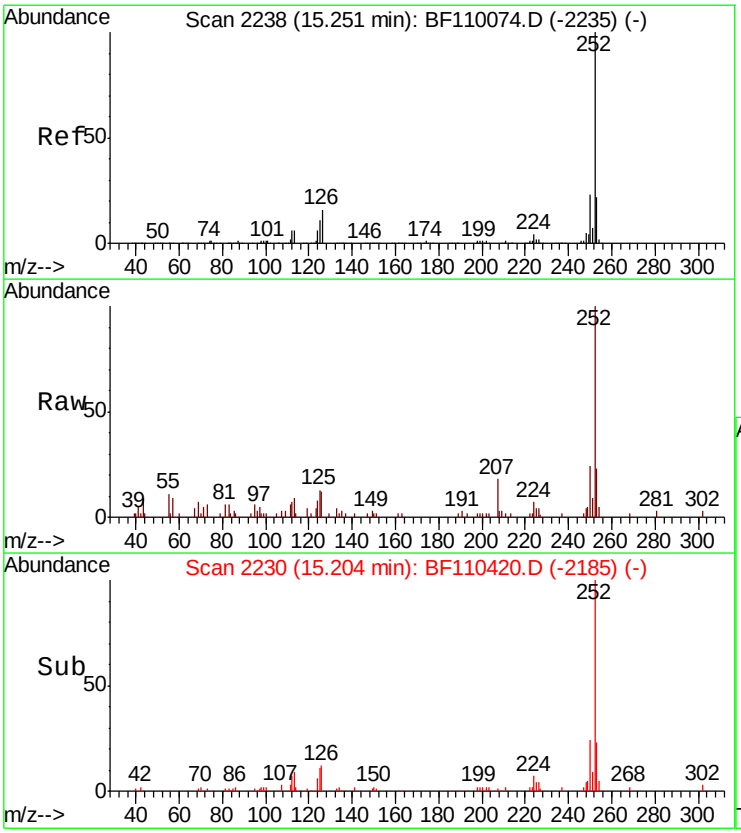
#88
Benzo(b)fluoranthene
Concen: 4.308 ng
RT: 15.20 min Scan# 2230
Delta R.T. 0.00 min
Lab File: BF110420.D
Acq: 2 Nov 2018 19:06

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 41155

Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.2	25.8
125	13.4	8.2	12.4#

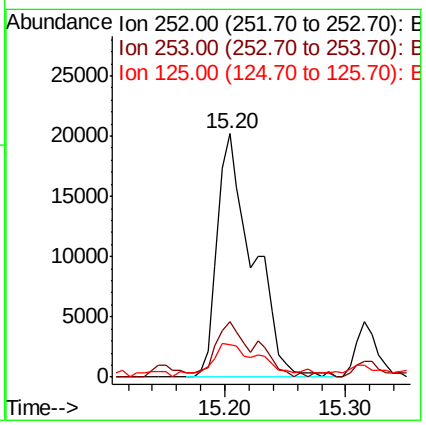


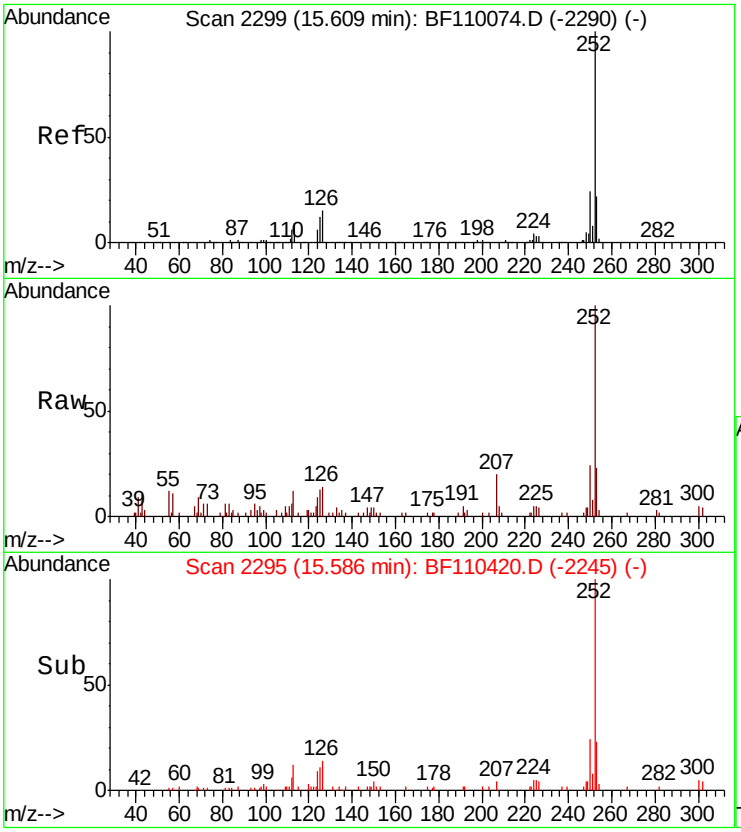


#89
Benzo(k)fluoranthene
Concen: 4.382 ng
RT: 15.20 min Scan# 2230
Delta R.T. -0.04 min
Lab File: BF110420.D
Acq: 2 Nov 2018 19:06

Tgt Ion:252 Resp: 41155

Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.2	25.8
125	13.4	7.4	11.0#





#90
Benzo(a)pyrene
Concen: 2.831 ng
RT: 15.59 min Scan# 2295
Delta R.T. -0.01 min
Lab File: BF110420.D
Acq: 2 Nov 2018 19:06

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 24884

Ion	Ratio	Lower	Upper
252	100		
253	22.9	18.2	27.4
125	13.2	9.0	13.6