Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102618\
Data File : BF110224.D
Acq On : 26 Oct 2018 21:52
Operator : JU/SJ
Sample : J5204-15 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Oct 26 23:42:18 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	128141	20.00	ng		-0.01
21) Naphthalene-d8	8.25	136	512129	20.00	ng		-0.02
39) Acenaphthene-d10	10.01	164	202569	20.00	ng		-0.02
64) Phenanthrene-d10	11.50	188	328547	20.00	ng		-0.01
76) Chrysene-d12	14.15	240	238071	20.00	ng		-0.01
87) Perylene-d12	15.68	264	164696	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.58	112	220784	28.06	ng		-0.02
7) Phenol-d6	6.58	99	288712	28.69	ng		-0.02
23) Nitrobenzene-d5	7.53	82	150904	17.48	ng		-0.02
42) 2,4,6-Tribromophenol	10.80	330	46100	22.97	ng		-0.02
45) 2-Fluorobiphenyl	9.32	172	316670	24.55	ng		-0.02
79) Terphenyl-d14	13.09	244	252179	22.03	ng		-0.02
Target Compounds							Qvalue
9) Benzaldehyde	6.73	77	4987	Below Cal			83
19) n-Nitroso-di-n-propylamine	7.53	70	19668	3.046	ng	#	76
25) Isophorone	7.53	82	150902	10.253	ng	#	67
51) 2,6-Dinitrotoluene	10.01	165	26033	8.082	ng	#	22
57) 2,4-Dinitrotoluene	10.01	165	26033	6.363	ng	#	18
75) Fluoranthene	12.72	202	42572	2.440	ng		98
78) Pyrene	12.95	202	40981	2.401	ng		98
88) Benzo(b)fluoranthene	15.22	252	26238	2.759	ng	#	90
89) Benzo(k)fluoranthene	15.22	252	26238	2.806	ng	#	89

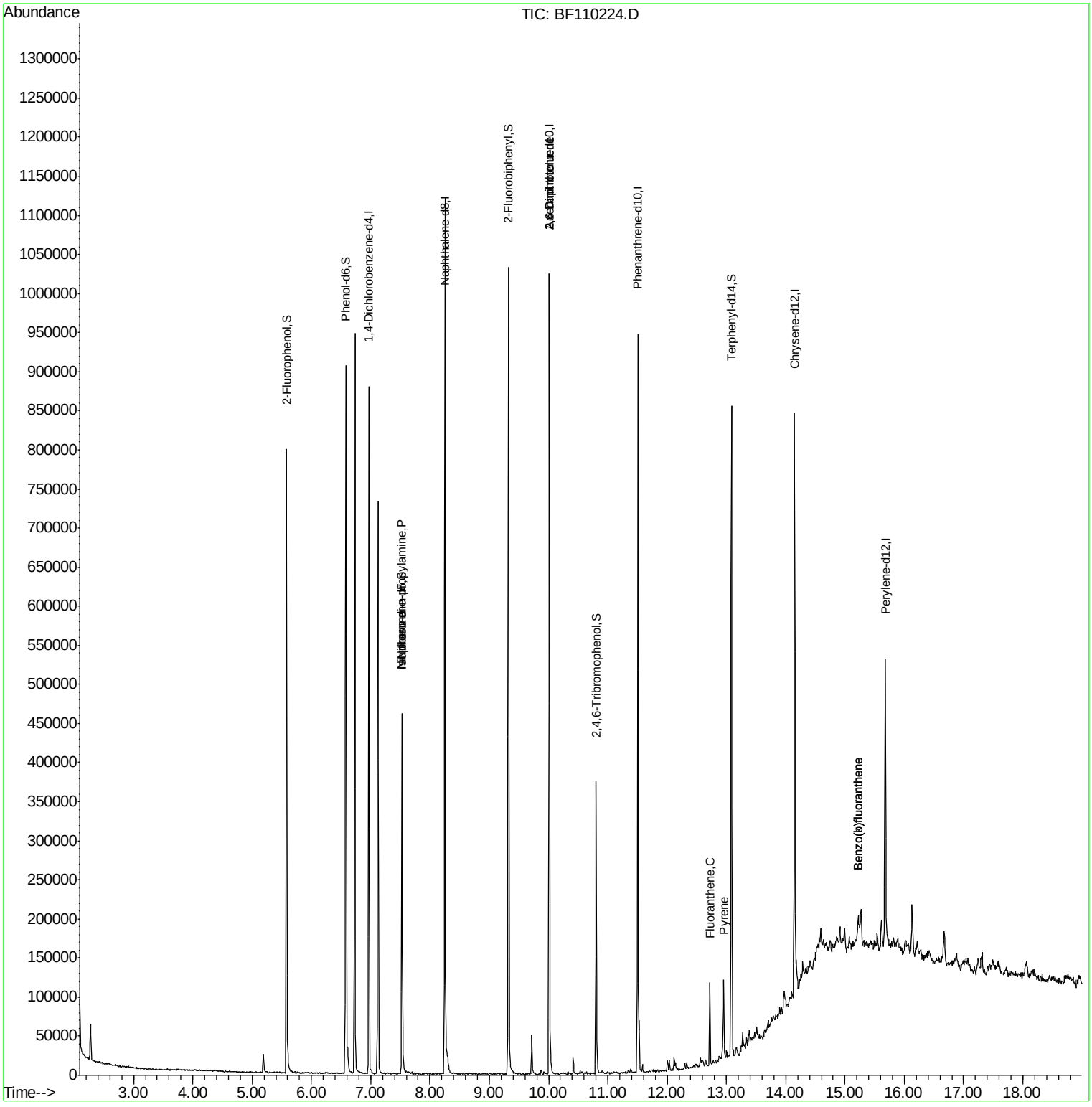
(#) = qualifier out of range (m) = manual integration (+) = signals summed

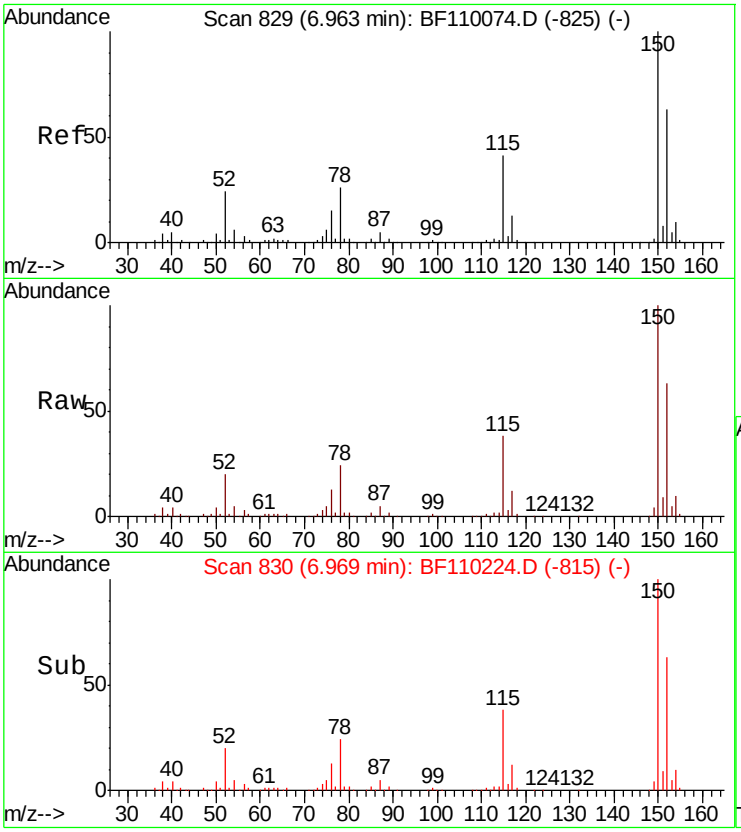
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102618\
Data File : BF110224.D
Acq On : 26 Oct 2018 21:52
Operator : JU/SJ
Sample : J5204-15 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Oct 26 23:42:18 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



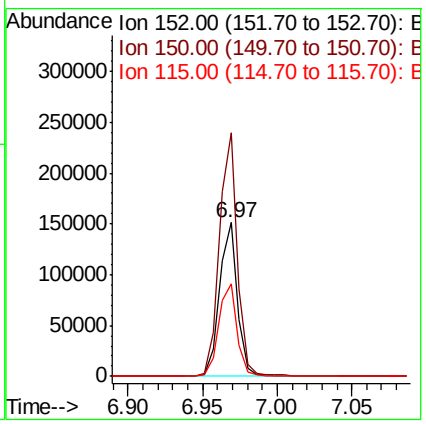


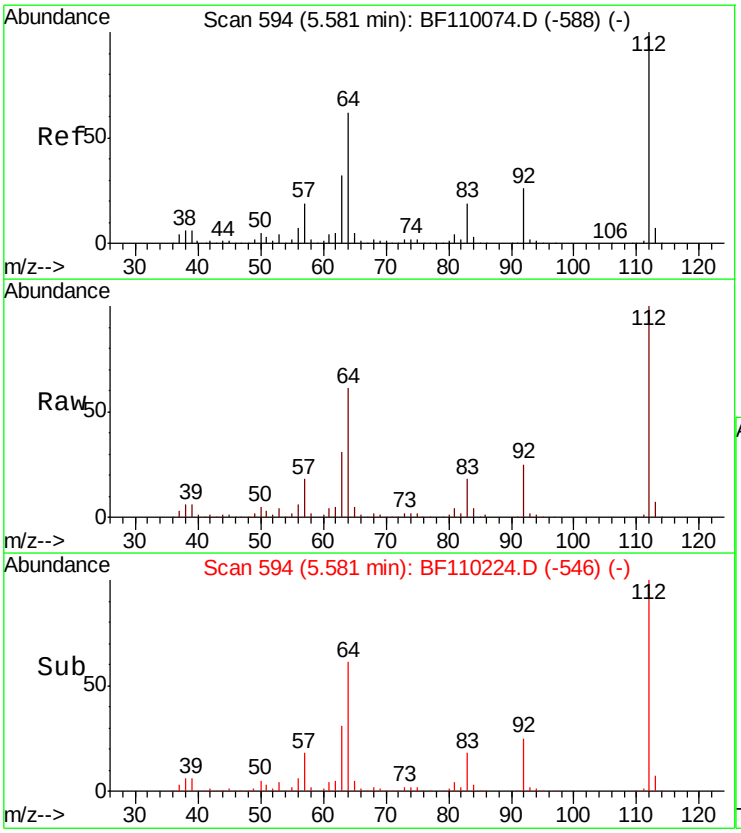
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 830
Delta R.T. -0.01 min
Lab File: BF110224.D
Acq: 26 Oct 2018 21:52

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 128141

Ion	Ratio	Lower	Upper
152	100		
150	158.6	122.7	184.1
115	60.6	49.1	73.7

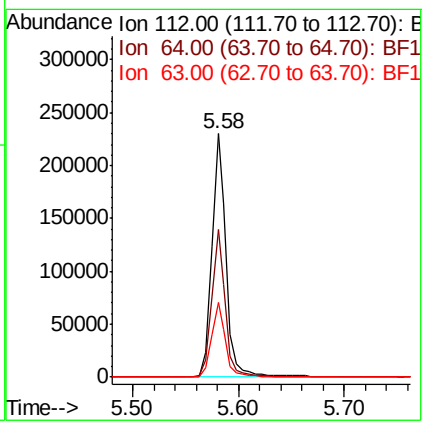


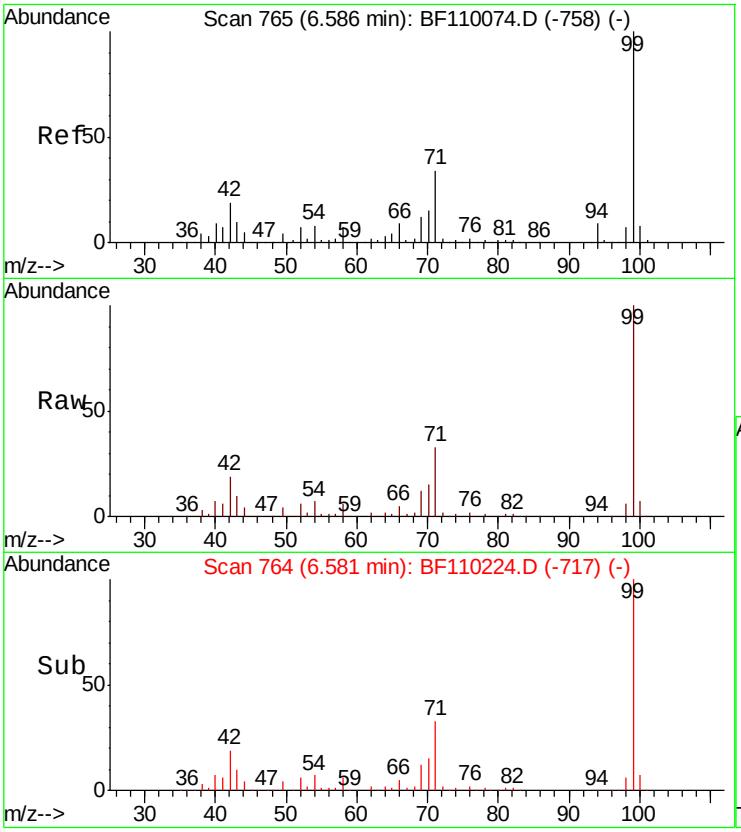


#5
2-Fluorophenol
Concen: 28.058 ng
RT: 5.58 min Scan# 594
Delta R.T. -0.02 min
Lab File: BF110224.D
Acq: 26 Oct 2018 21:52

Tgt Ion:112 Resp: 220784

Ion	Ratio	Lower	Upper
112	100		
64	60.8	44.1	66.1
63	30.5	23.7	35.5



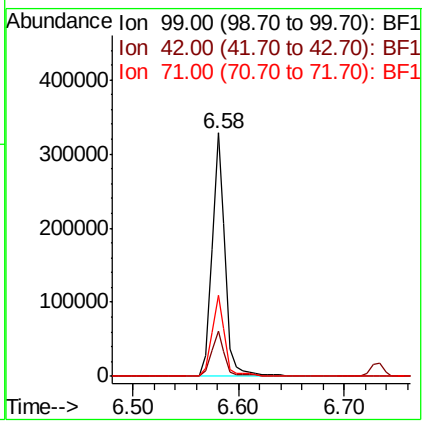


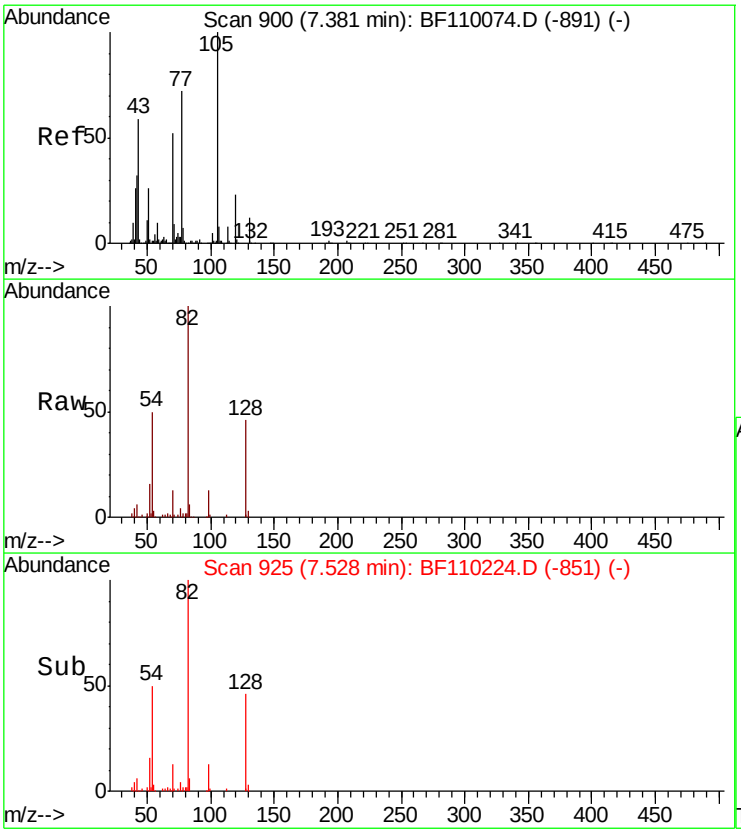
#7
Phenol-d6
Concen: 28.685 ng
RT: 6.58 min Scan# 764
Delta R.T. -0.02 min
Lab File: BF110224.D
Acq: 26 Oct 2018 21:52

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 288712

Ion	Ratio	Lower	Upper
99	100		
42	18.5	15.8	23.6
71	33.1	28.0	42.0

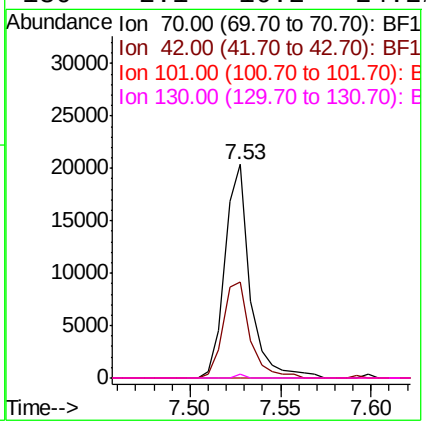


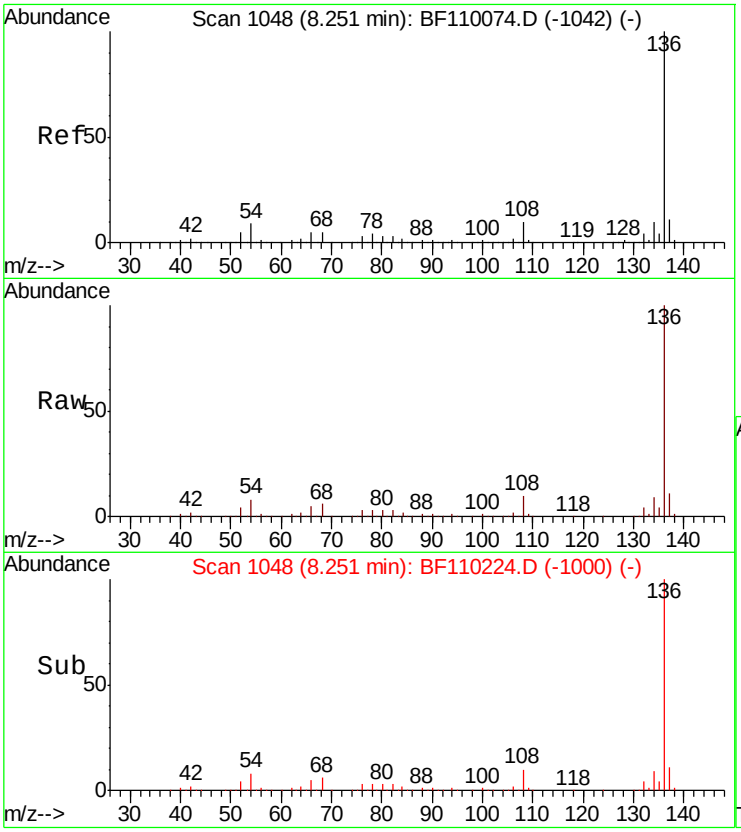


#19
n-Nitroso-di-n-propylamine
Concen: 3.046 ng
RT: 7.53 min Scan# 925
Delta R.T. 0.14 min
Lab File: BF110224.D
Acq: 26 Oct 2018 21:52

Tgt Ion: 70 Resp: 19668

Ion	Ratio	Lower	Upper
70	100		
42	44.8	47.4	71.2#
101	0.0	7.3	10.9#
130	2.1	16.2	24.2#



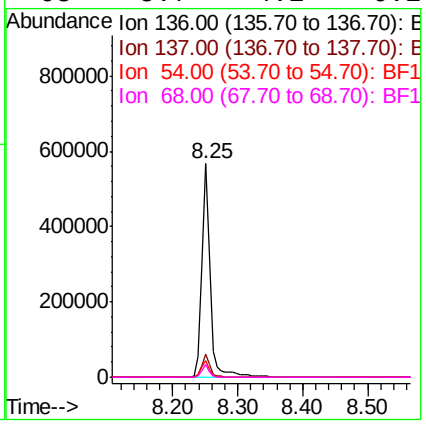


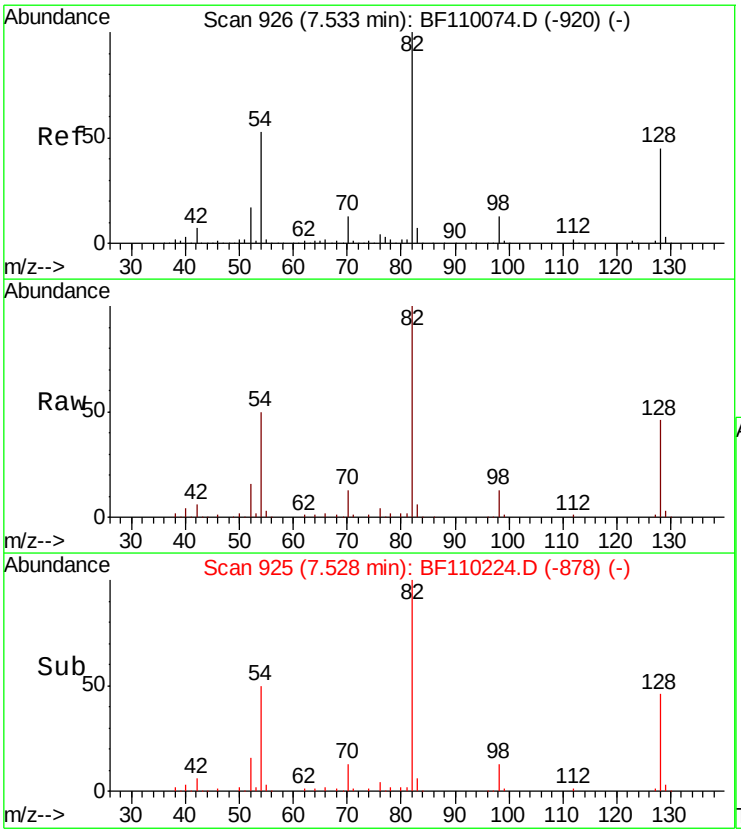
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1048
Delta R.T. -0.02 min
Lab File: BF110224.D
Acq: 26 Oct 2018 21:52

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 512129

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.8	13.2
54	8.0	5.4	8.2
68	5.7	4.2	6.2

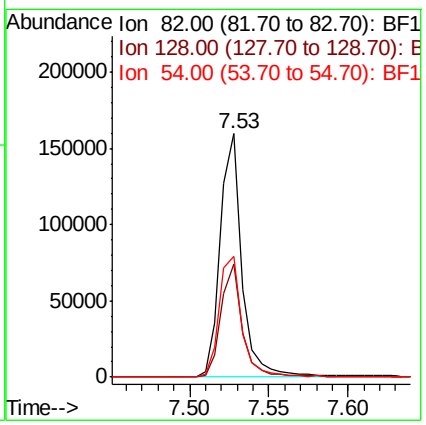


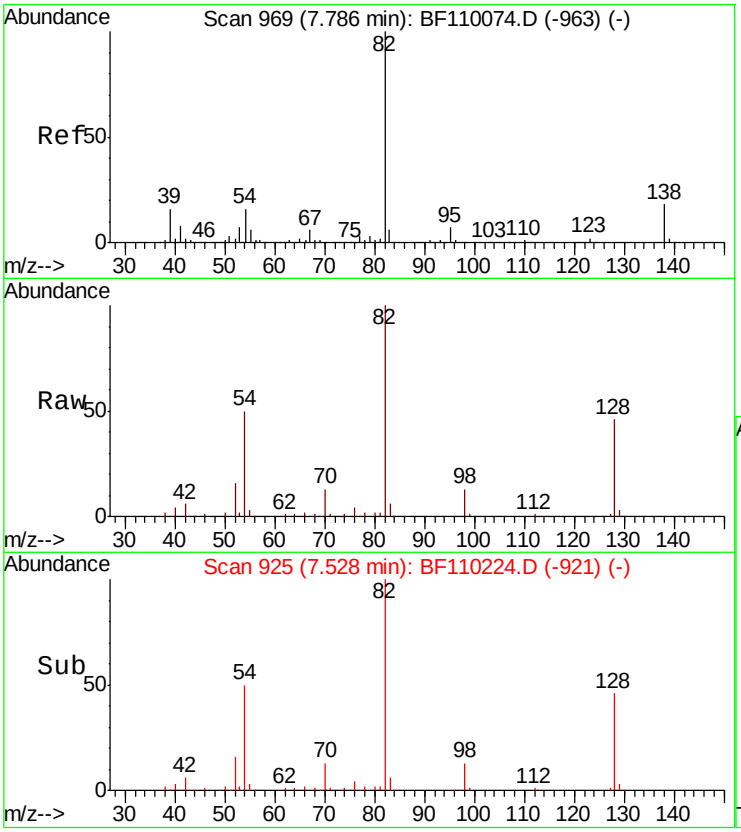


#23
Nitrobenzene-d5
Concen: 17.477 ng
RT: 7.53 min Scan# 925
Delta R.T. -0.02 min
Lab File: BF110224.D
Acq: 26 Oct 2018 21:52

Tgt Ion: 82 Resp: 150904

Ion	Ratio	Lower	Upper
82	100		
128	46.3	34.2	51.2
54	49.5	38.6	58.0



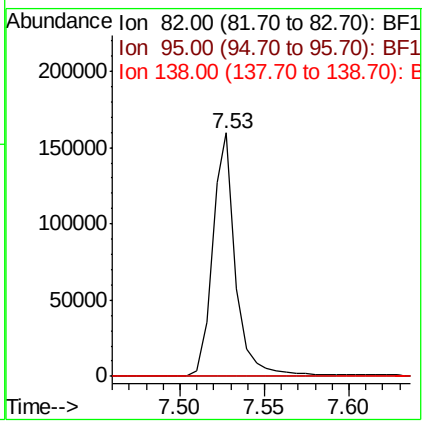


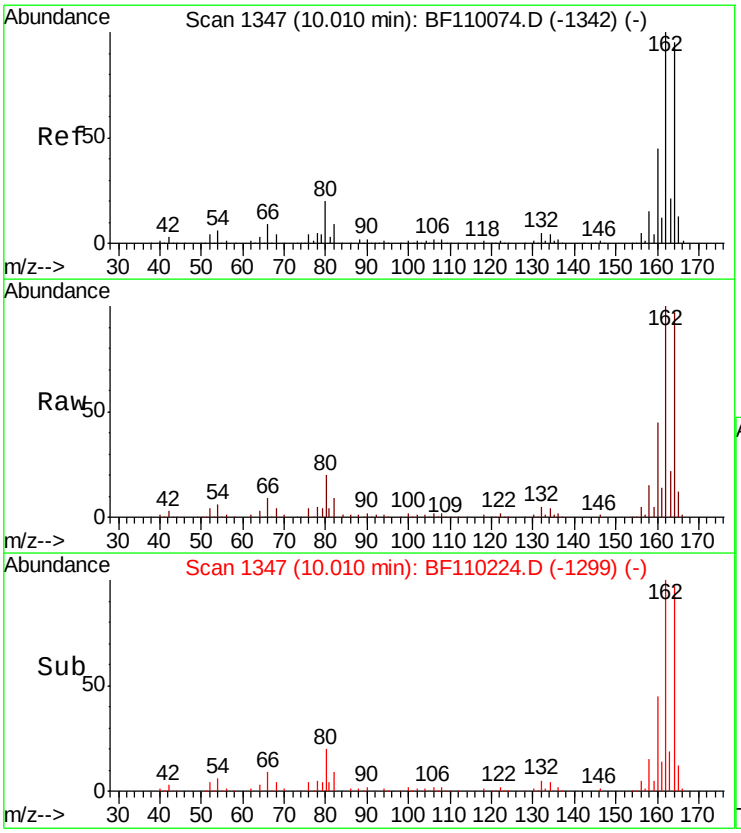
#25
Isophorone
Concen: 10.253 ng
RT: 7.53 min Scan# 925
Delta R.T. -0.28 min
Lab File: BF110224.D
Acq: 26 Oct 2018 21:52

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 150902

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

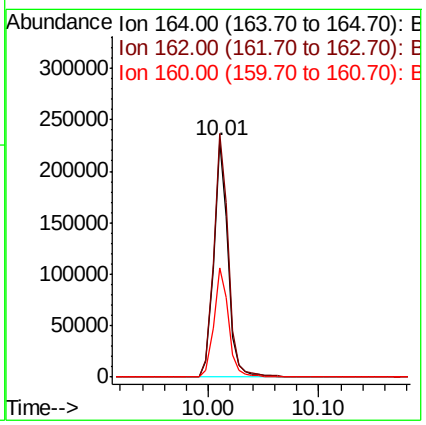


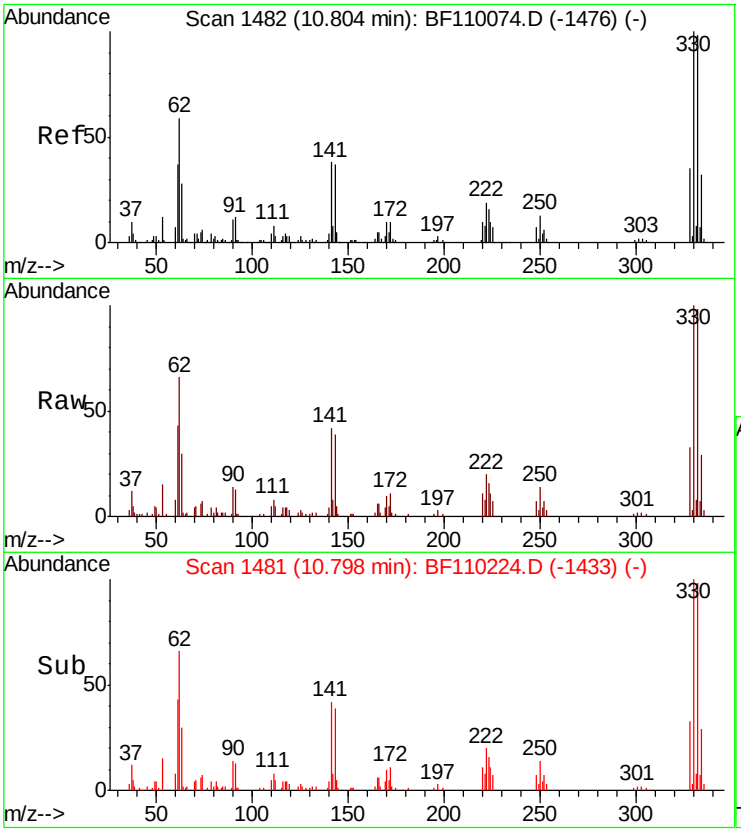


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.01 min Scan# 1347
Delta R.T. -0.02 min
Lab File: BF110224.D
Acq: 26 Oct 2018 21:52

Tgt Ion:164 Resp: 202569

Ion	Ratio	Lower	Upper
164	100		
162	103.0	83.0	124.6
160	46.4	37.0	55.6



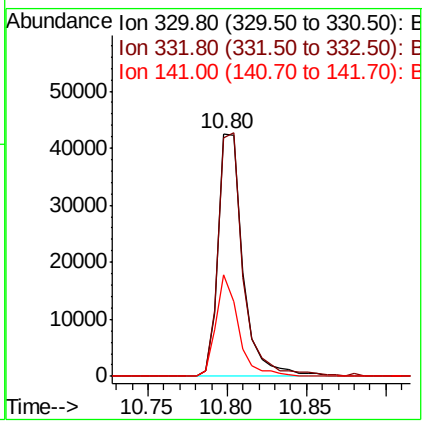


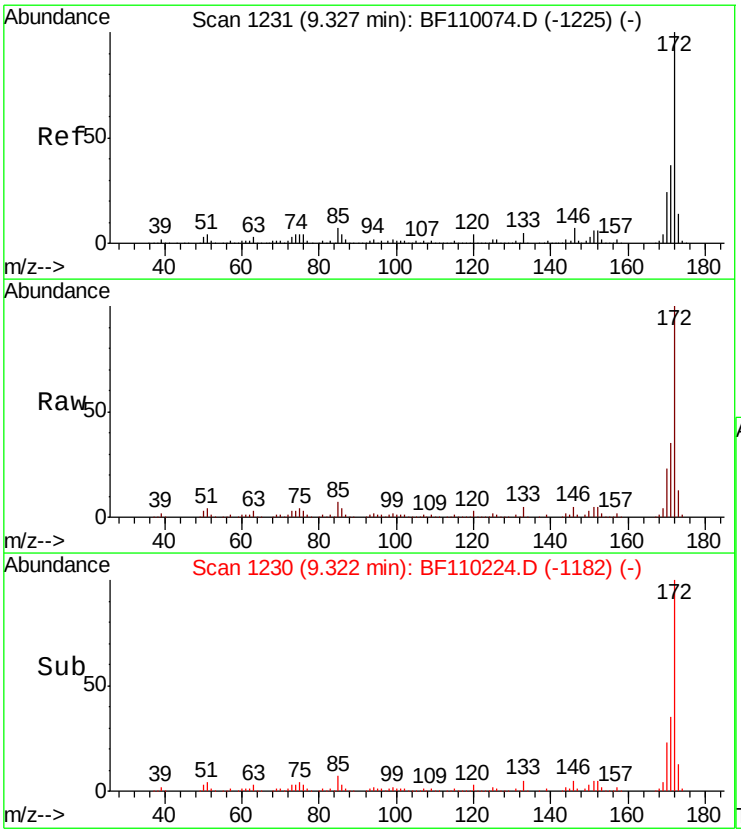
#42
2,4,6-Tribromophenol
Concen: 22.974 ng
RT: 10.80 min Scan# 1481
Delta R.T. -0.02 min
Lab File: BF110224.D
Acq: 26 Oct 2018 21:52

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 46100

Ion	Ratio	Lower	Upper
330	100		
332	100.0	77.1	115.7
141	37.9	27.0	40.4

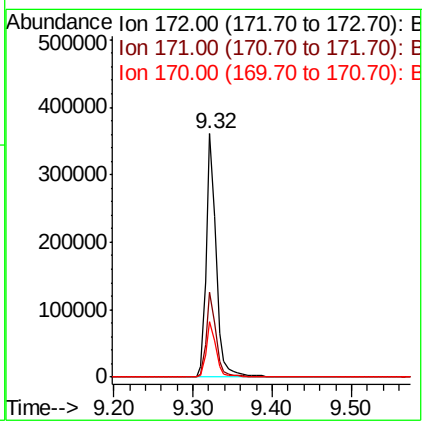


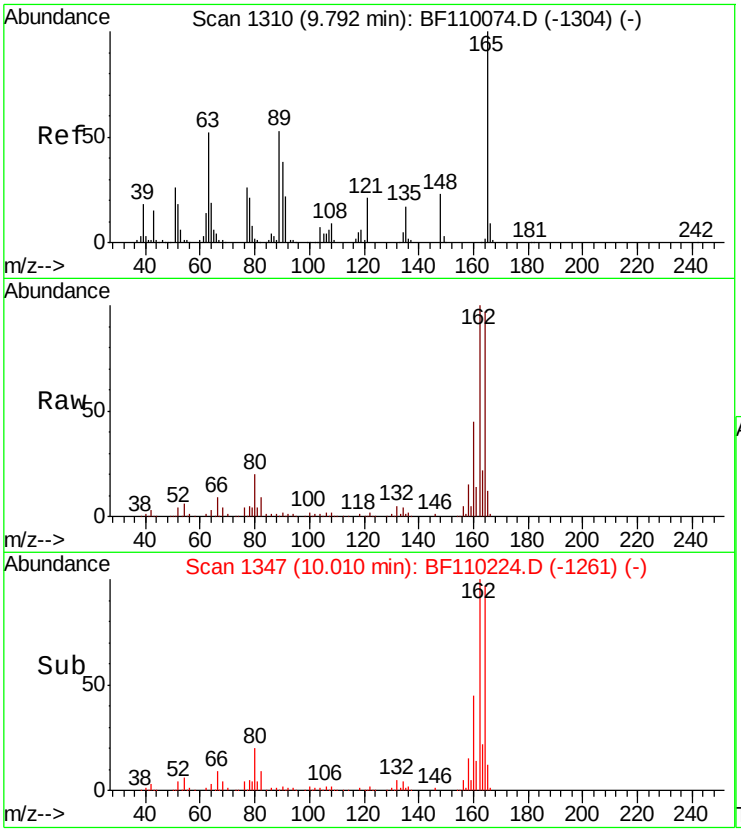


#45
2-Fluorobiphenyl
Concen: 24.547 ng
RT: 9.32 min Scan# 1230
Delta R.T. -0.02 min
Lab File: BF110224.D
Acq: 26 Oct 2018 21:52

Tgt Ion:172 Resp: 316670

Ion	Ratio	Lower	Upper
172	100		
171	34.7	28.6	43.0
170	22.8	19.7	29.5



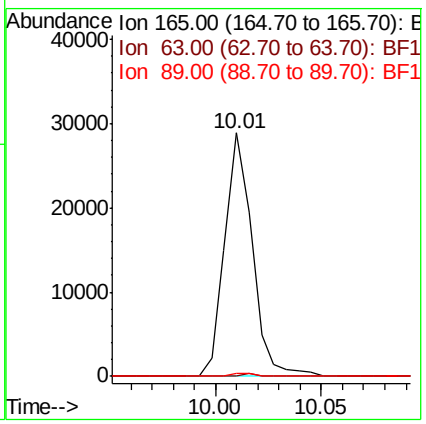


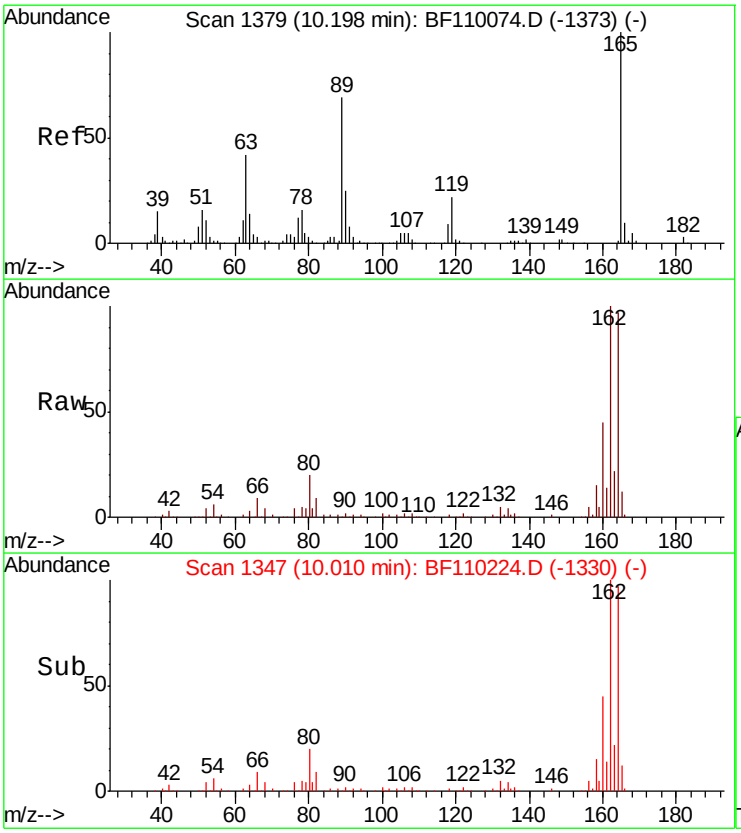
#51
2,6-Dinitrotoluene
Concen: 8.082 ng
RT: 10.01 min Scan# 1347
Delta R.T. 0.21 min
Lab File: BF110224.D
Acq: 26 Oct 2018 21:52

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 26033

Ion	Ratio	Lower	Upper
165	100		
63	0.0	48.9	73.3#
89	1.3	46.6	69.8#

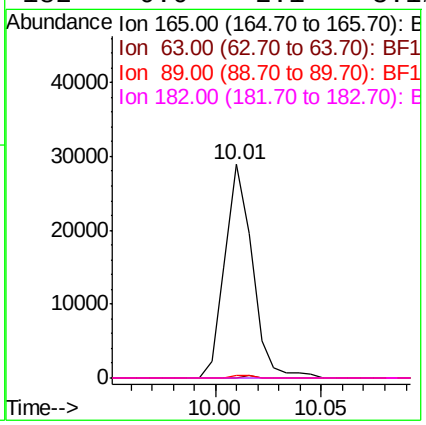


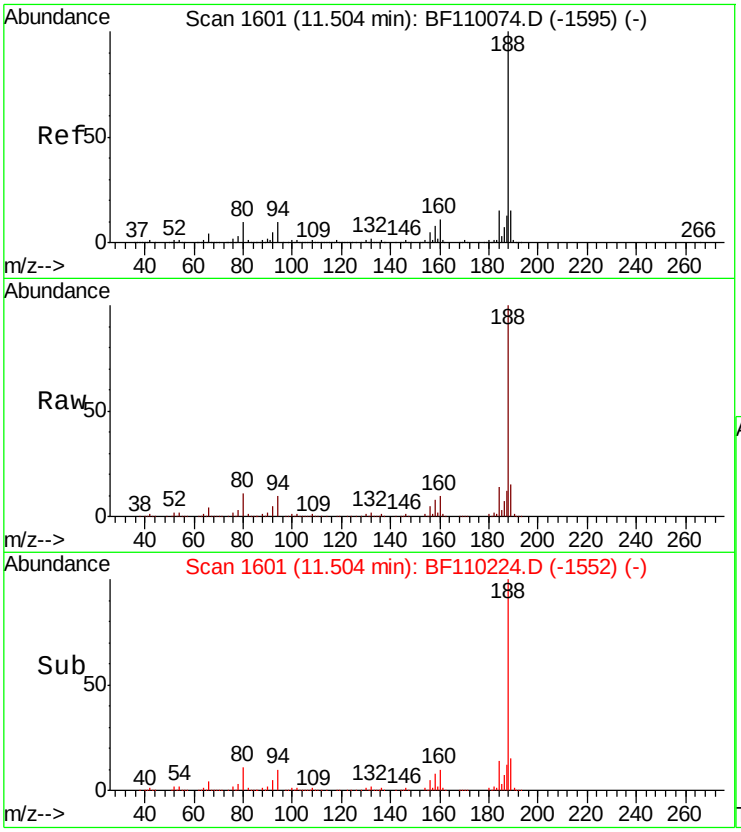


#57
2,4-Dinitrotoluene
Concen: 6.363 ng
RT: 10.01 min Scan# 1347
Delta R.T. -0.20 min
Lab File: BF110224.D
Acq: 26 Oct 2018 21:52

Tgt Ion:165 Resp: 26033

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



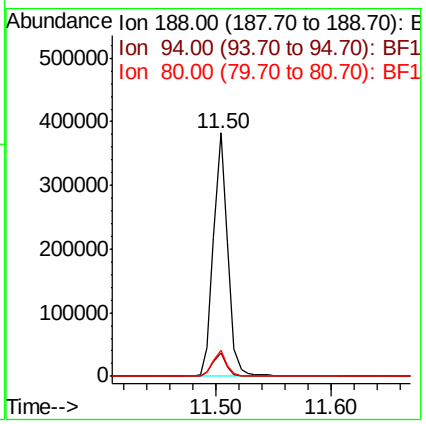


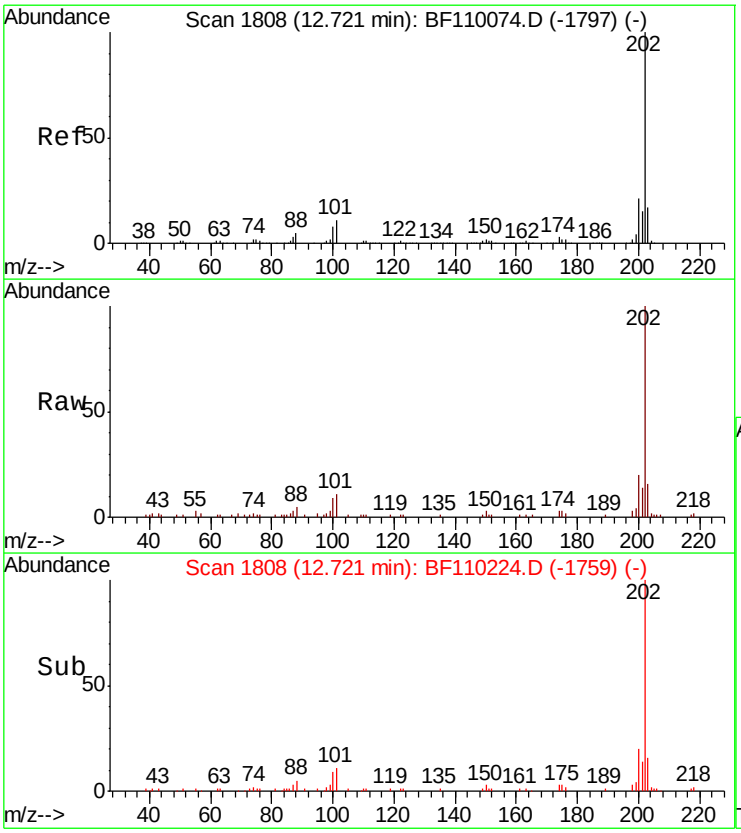
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1601
Delta R.T. -0.01 min
Lab File: BF110224.D
Acq: 26 Oct 2018 21:52

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 328547

Ion	Ratio	Lower	Upper
188	100		
94	9.6	7.2	10.8
80	10.6	7.9	11.9

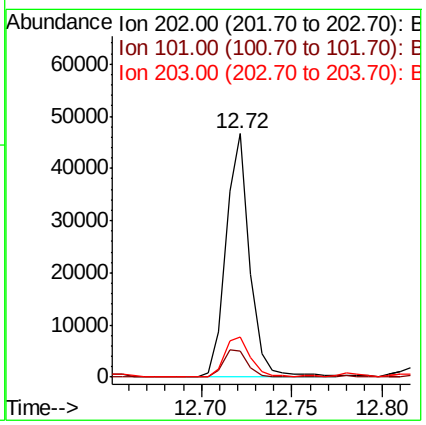


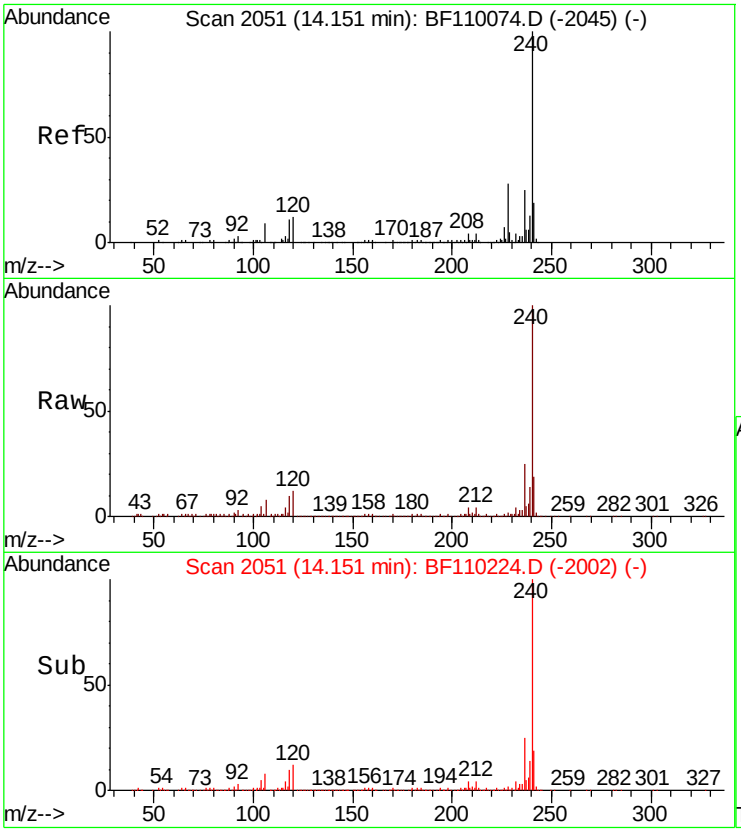


#75
Fluoranthene
Concen: 2.440 ng
RT: 12.72 min Scan# 1808
Delta R.T. -0.01 min
Lab File: BF110224.D
Acq: 26 Oct 2018 21:52

Tgt Ion:202 Resp: 42572

Ion	Ratio	Lower	Upper
202	100		
101	10.7	0.0	31.4
203	16.5	0.0	37.7



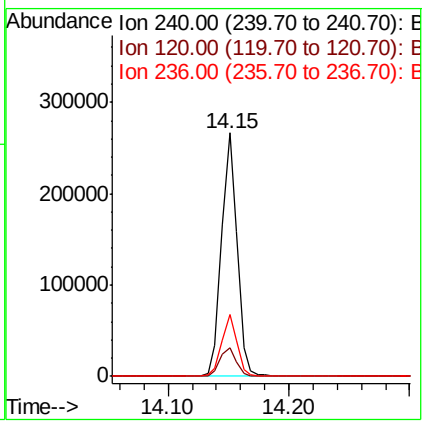


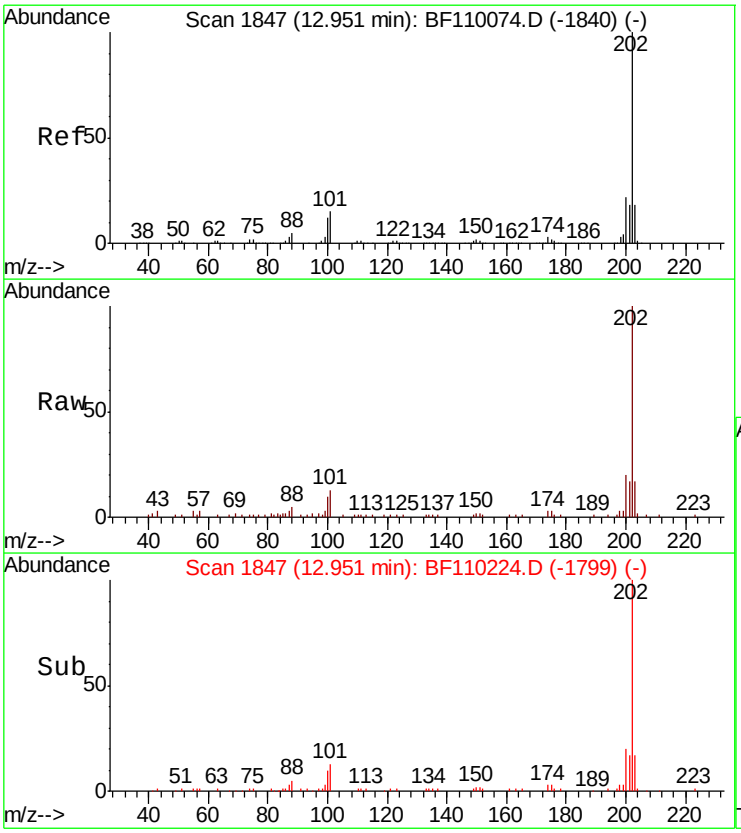
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.15 min Scan# 2051
Delta R.T. -0.01 min
Lab File: BF110224.D
Acq: 26 Oct 2018 21:52

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 238071

Ion	Ratio	Lower	Upper
240	100		
120	11.7	8.3	12.5
236	25.4	21.2	31.8

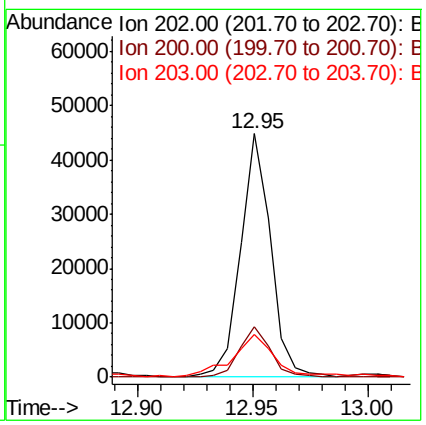


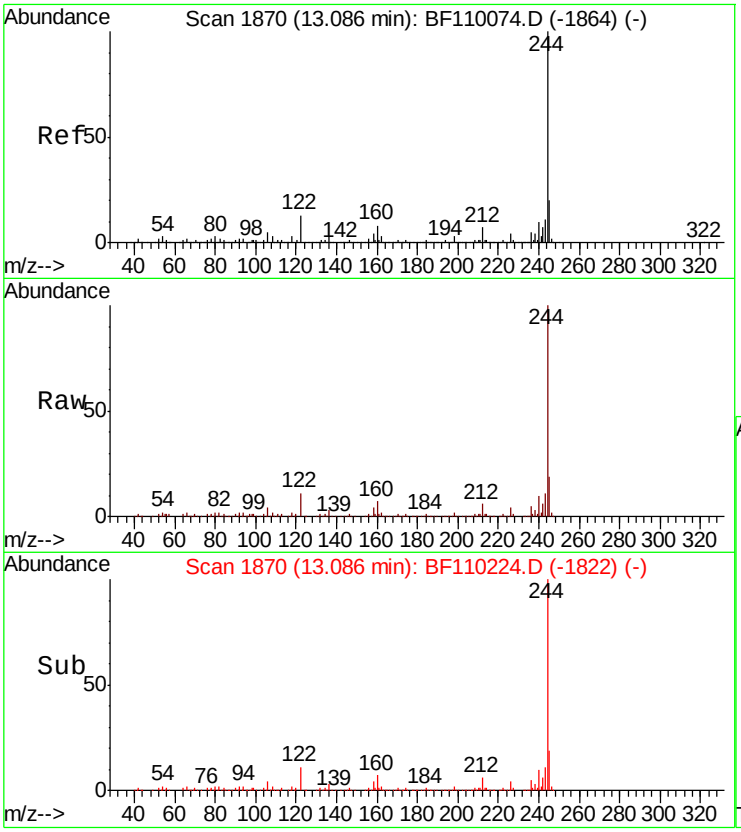


#78
Pyrene
Concen: 2.401 ng
RT: 12.95 min Scan# 1847
Delta R.T. -0.02 min
Lab File: BF110224.D
Acq: 26 Oct 2018 21:52

Tgt Ion:202 Resp: 40981

Ion	Ratio	Lower	Upper
202	100		
200	20.5	17.8	26.6
203	17.3	14.2	21.4



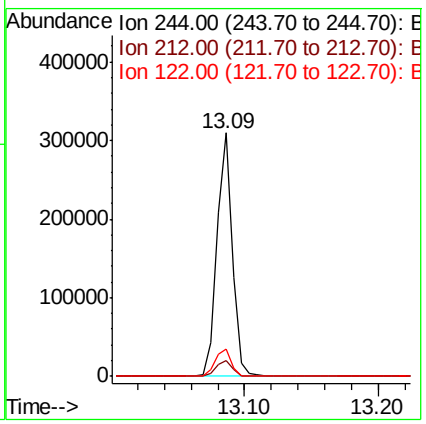


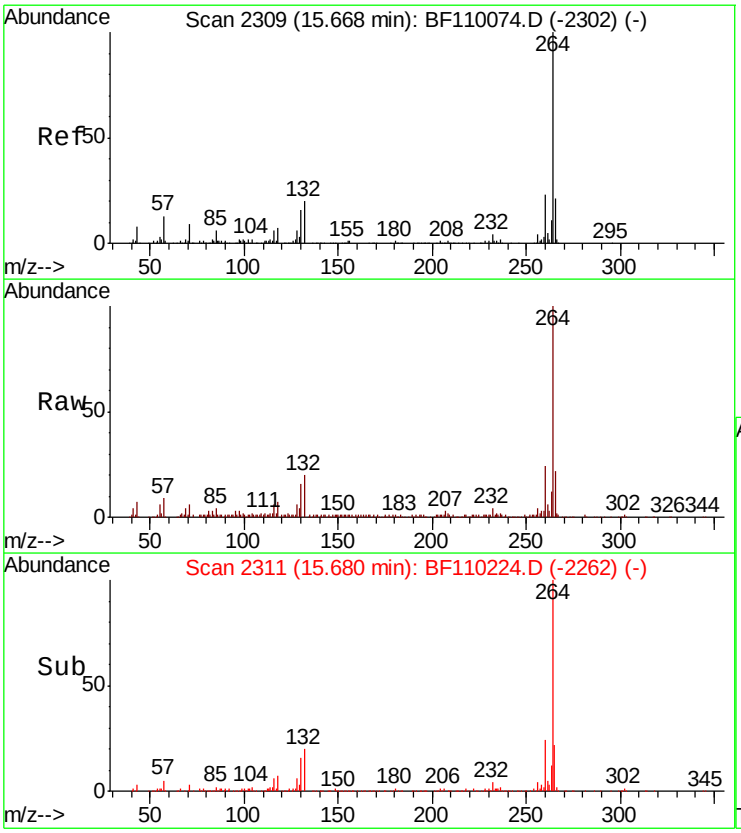
#79
Terphenyl-d14
Concen: 22.030 ng
RT: 13.09 min Scan# 1870
Delta R.T. -0.02 min
Lab File: BF110224.D
Acq: 26 Oct 2018 21:52

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 252179

Ion	Ratio	Lower	Upper
244	100		
212	6.3	5.8	8.8
122	11.0	8.7	13.1

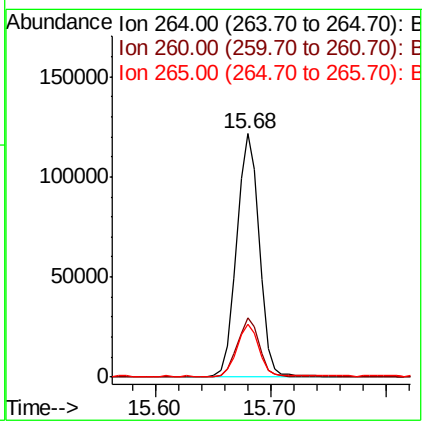


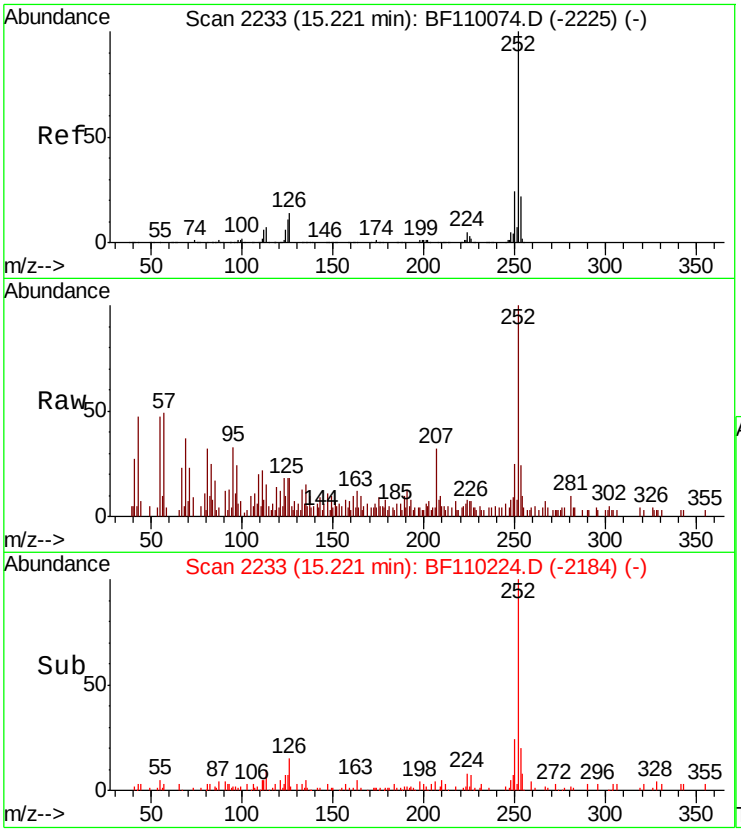


#87
Perylene-d12
Concen: 20.000 ng
RT: 15.68 min Scan# 2311
Delta R.T. -0.01 min
Lab File: BF110224.D
Acq: 26 Oct 2018 21:52

Tgt Ion:264 Resp: 164696

Ion	Ratio	Lower	Upper
264	100		
260	24.1	18.7	28.1
265	21.8	16.7	25.1



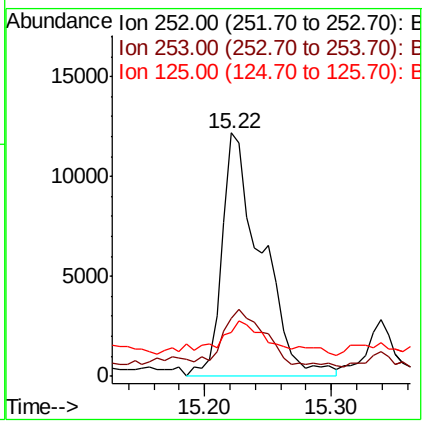


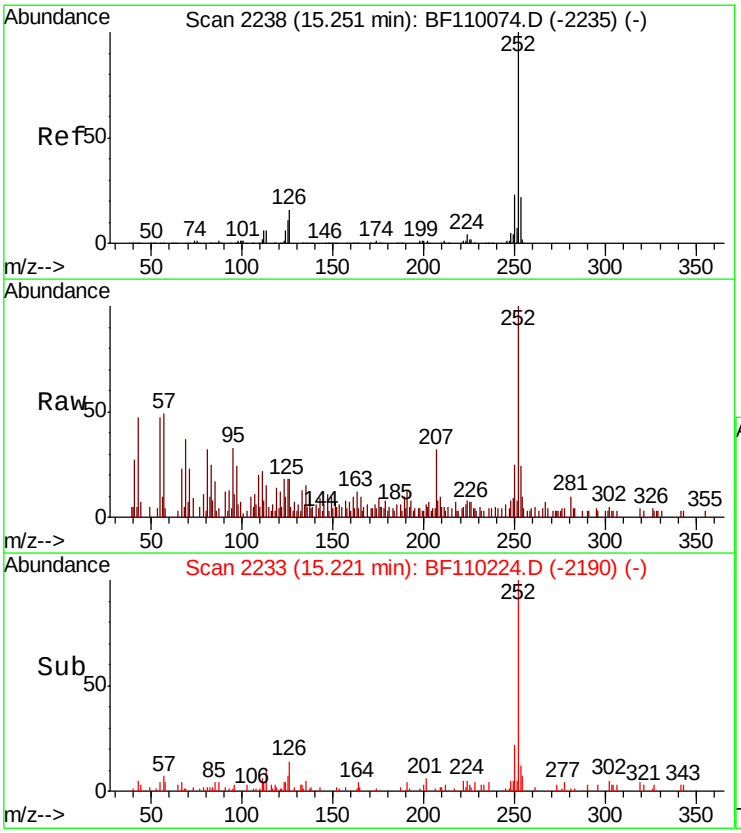
#88
Benzo(b)fluoranthene
Concen: 2.759 ng
RT: 15.22 min Scan# 2233
Delta R.T. -0.01 min
Lab File: BF110224.D
Acq: 26 Oct 2018 21:52

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 26238

Ion	Ratio	Lower	Upper
252	100		
253	24.0	17.2	25.8
125	18.1	8.2	12.4#





#89
Benzo(k)fluoranthene
Concen: 2.806 ng
RT: 15.22 min Scan# 2233
Delta R.T. -0.05 min
Lab File: BF110224.D
Acq: 26 Oct 2018 21:52

Tgt Ion:252 Resp: 26238

Ion	Ratio	Lower	Upper
252	100		
253	24.0	17.2	25.8
125	18.1	7.4	11.0#