Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102918\
Data File : BF110254.D
Acq On : 29 Oct 2018 11:31
Operator : JU/SJ
Sample : J5624-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Oct 29 12:31:12 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	108950	20.00	ng	-0.01
21) Naphthalene-d8	8.25	136	426187	20.00	ng	-0.02
39) Acenaphthene-d10	10.01	164	179944	20.00	ng	-0.02
64) Phenanthrene-d10	11.50	188	278763	20.00	ng	-0.01
76) Chrysene-d12	14.15	240	214428	20.00	ng	-0.01
87) Perylene-d12	15.69	264	185124	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	642391	96.02	ng	0.00
7) Phenol-d6	6.59	99	797767	93.22	ng	-0.01
23) Nitrobenzene-d5	7.53	82	504300	70.18	ng	-0.02
42) 2,4,6-Tribromophenol	10.80	330	154540	86.70	ng	-0.01
45) 2-Fluorobiphenyl	9.33	172	865845	75.56	ng	-0.01
79) Terphenyl-d14	13.09	244	594188	57.63	ng	-0.02
Target Compounds						Qvalue
9) Benzaldehyde	6.60	77	2078	Below Cal	#	1
10) Phenol	6.60	94	116512	12.737	ng	# 61
19) n-Nitroso-di-n-propylamine	7.53	70	66623	12.135	ng	# 78
25) Isophorone	7.53	82	504296	41.173	ng	# 67
50) Dimethylphthalate	9.72	163	130227	9.804	ng	99
57) 2,4-Dinitrotoluene	10.01	165	23134	6.366	ng	# 19
67) 4-Bromophenyl-phenylether	10.80	248	10505	3.474	ng	# 1
71) Phenanthrene	11.53	178	29438	2.018	ng	99
75) Fluoranthene	12.72	202	35060	2.368	ng	97
88) Benzo(b)fluoranthene	15.23	252	23050	2.156	ng	# 91
89) Benzo(k)fluoranthene	15.23	252	23050	2.193	ng	# 90

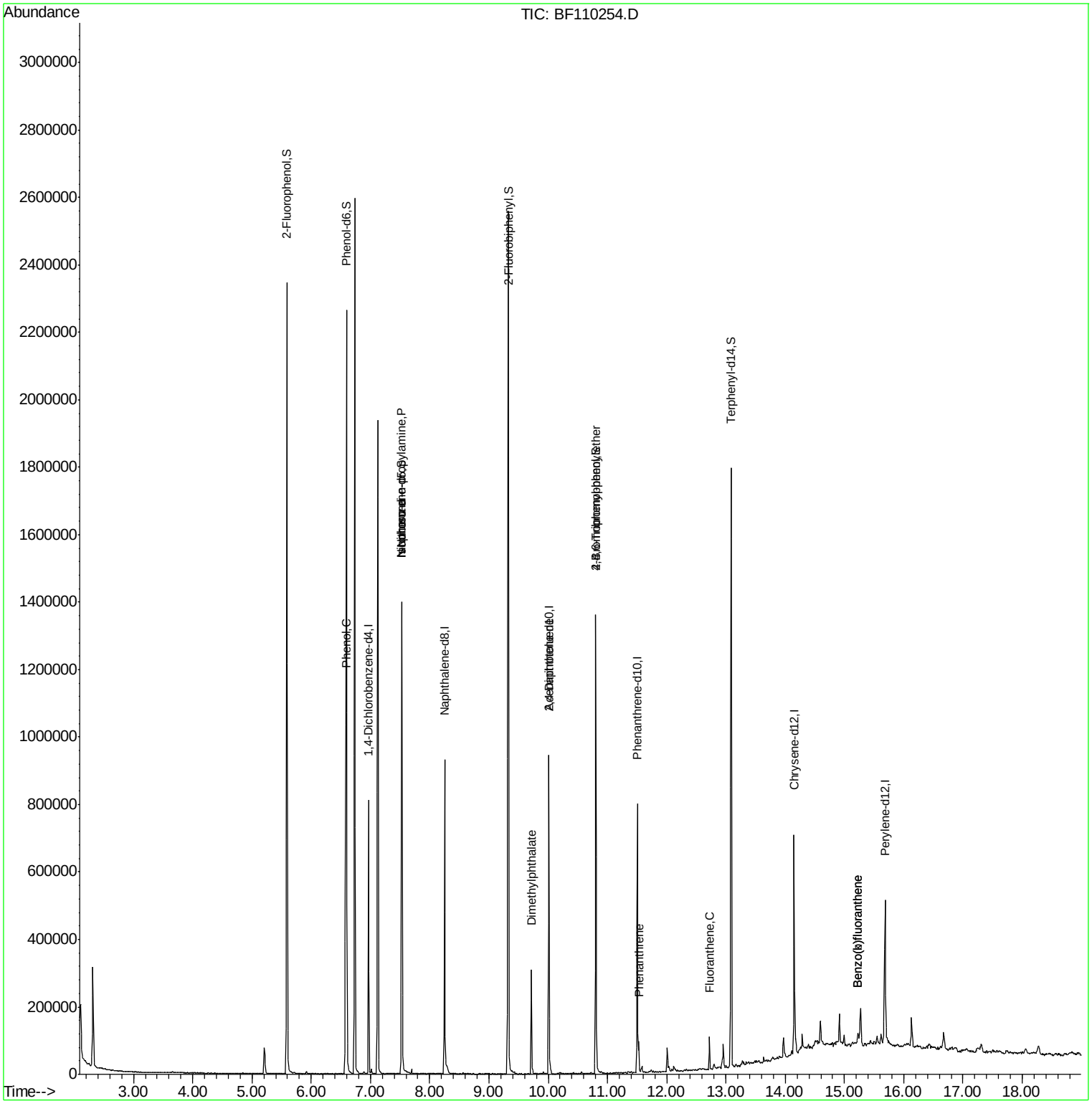
(#) = qualifier out of range (m) = manual integration (+) = signals summed

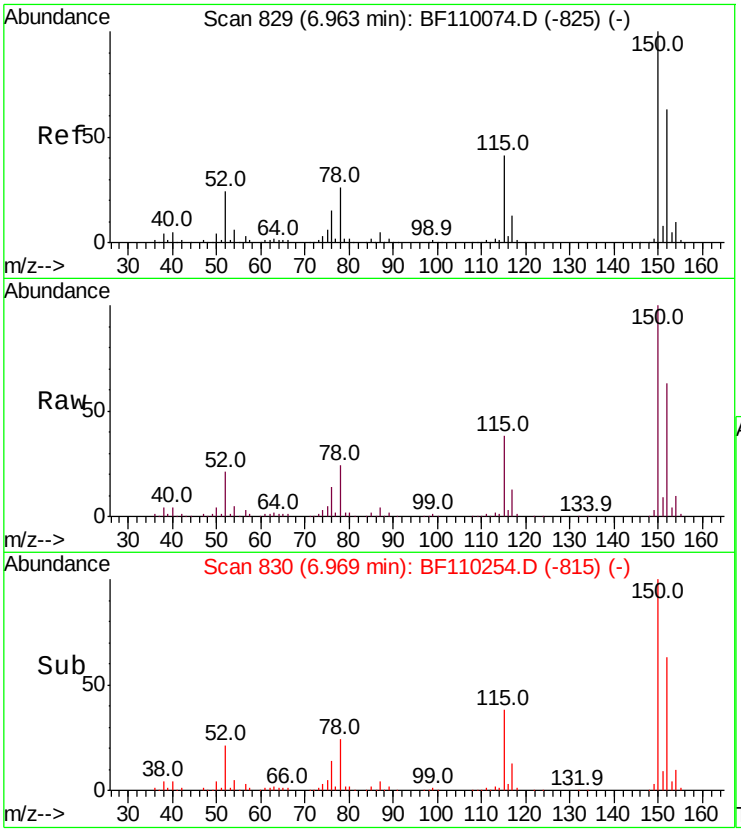
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102918\
Data File : BF110254.D
Acq On : 29 Oct 2018 11:31
Operator : JU/SJ
Sample : J5624-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Oct 29 12:31:12 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



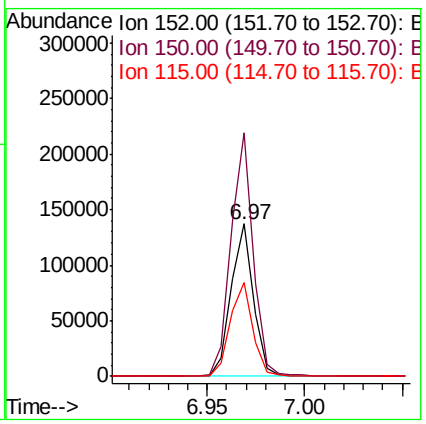


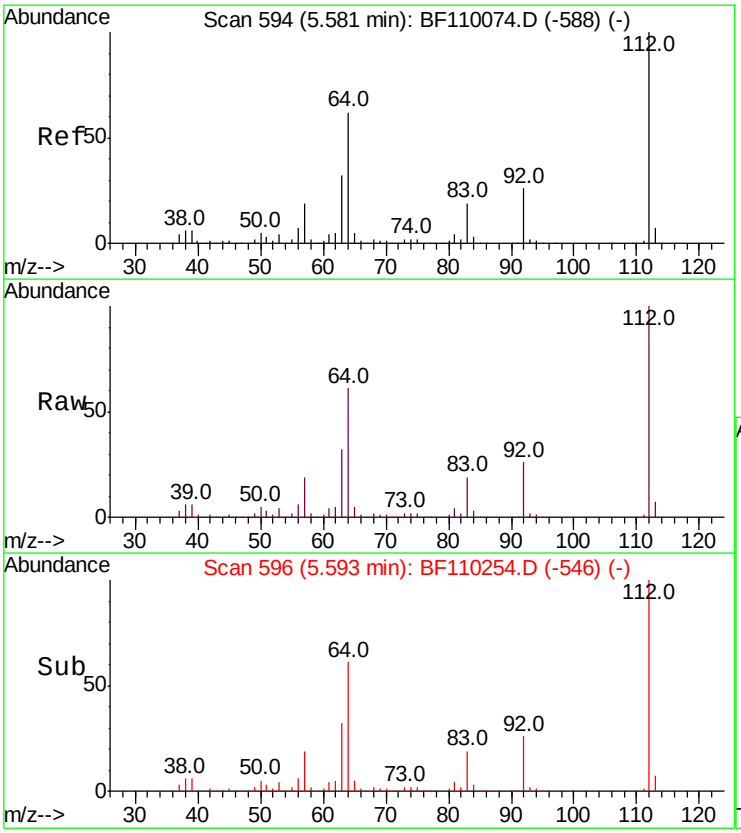
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 830
Delta R.T. -0.01 min
Lab File: BF110254.D
Acq: 29 Oct 2018 11:31

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 108950

Ion	Ratio	Lower	Upper
152	100		
150	159.6	122.7	184.1
115	61.4	49.1	73.7

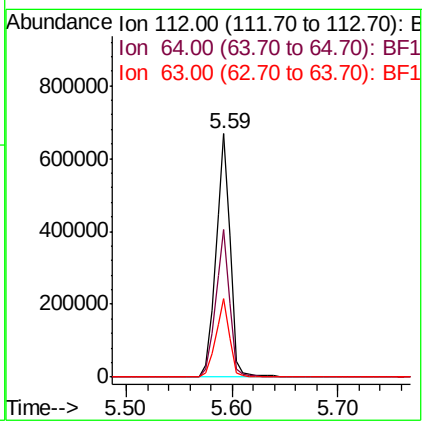


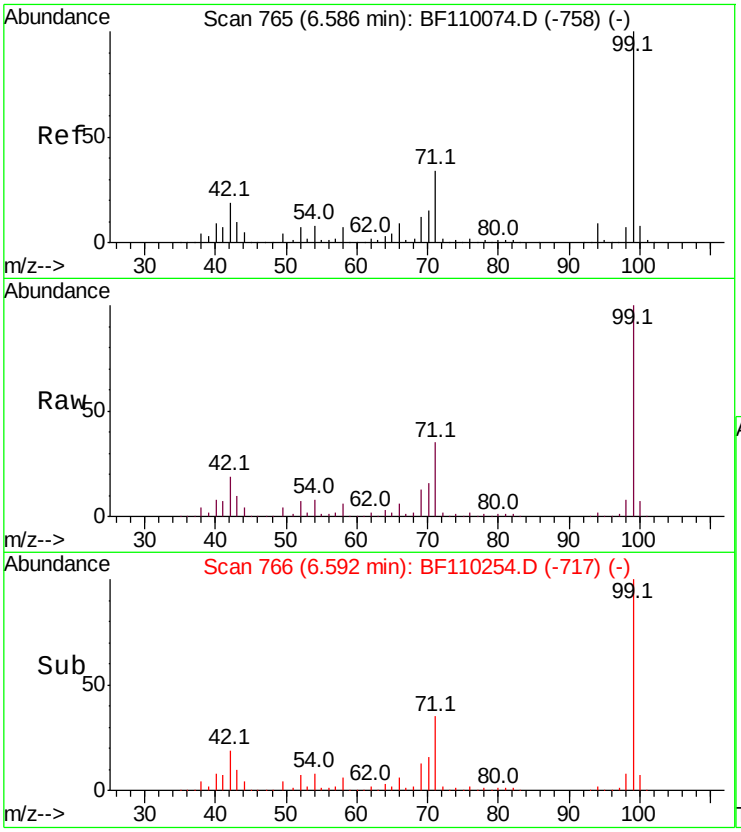


#5
2-Fluorophenol
Concen: 96.017 ng
RT: 5.59 min Scan# 596
Delta R.T. -0.01 min
Lab File: BF110254.D
Acq: 29 Oct 2018 11:31

Tgt Ion:112 Resp: 642391

Ion	Ratio	Lower	Upper
112	100		
64	60.8	44.1	66.1
63	32.0	23.7	35.5



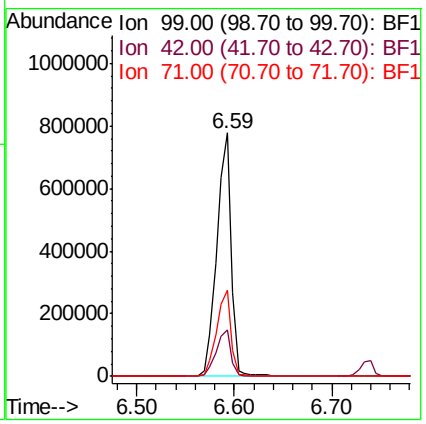


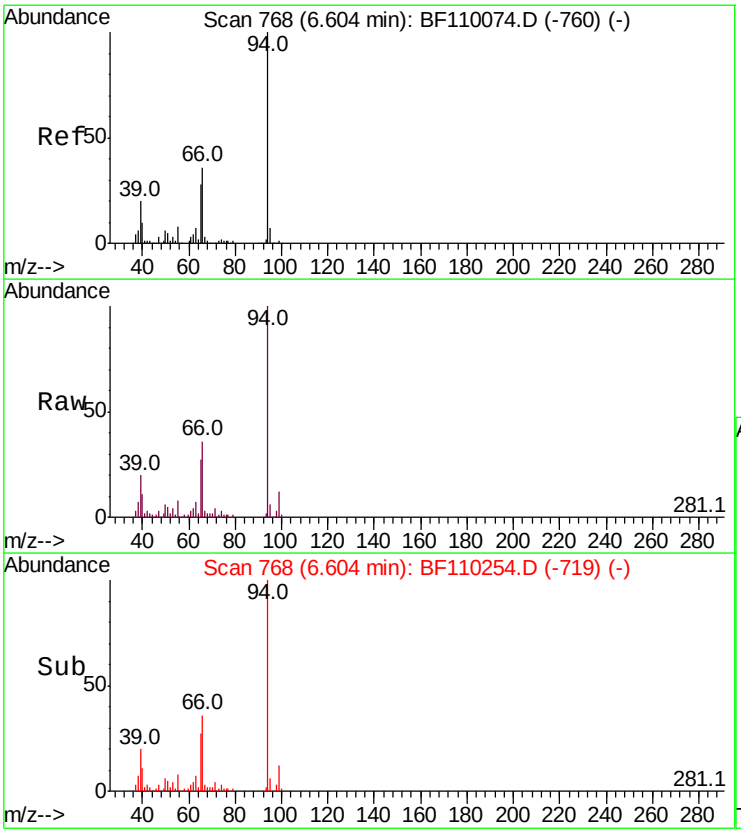
#7
Phenol-d6
Concen: 93.224 ng
RT: 6.59 min Scan# 766
Delta R.T. -0.01 min
Lab File: BF110254.D
Acq: 29 Oct 2018 11:31

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 797767

Ion	Ratio	Lower	Upper
99	100		
42	19.0	15.8	23.6
71	35.5	28.0	42.0

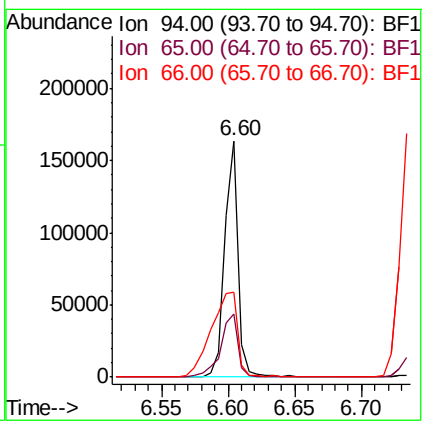


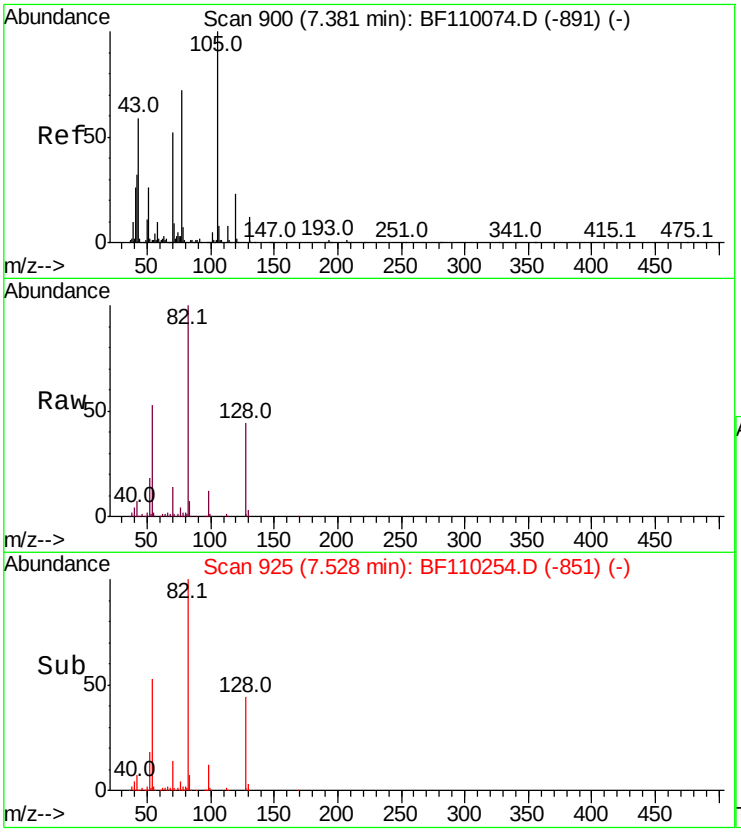


#10
Phenol
Concen: 12.737 ng
RT: 6.60 min Scan# 768
Delta R.T. -0.01 min
Lab File: BF110254.D
Acq: 29 Oct 2018 11:31

Tgt Ion: 94 Resp: 116512

Ion	Ratio	Lower	Upper
94	100		
65	26.8	25.3	65.3
66	36.1	54.5	94.5#



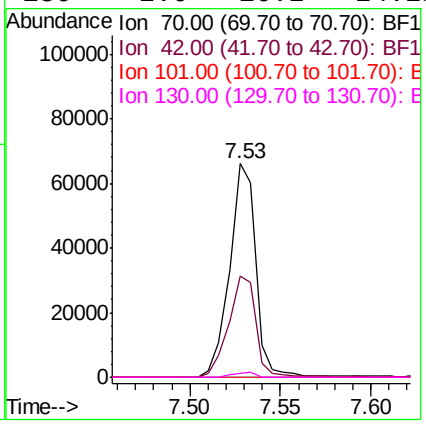


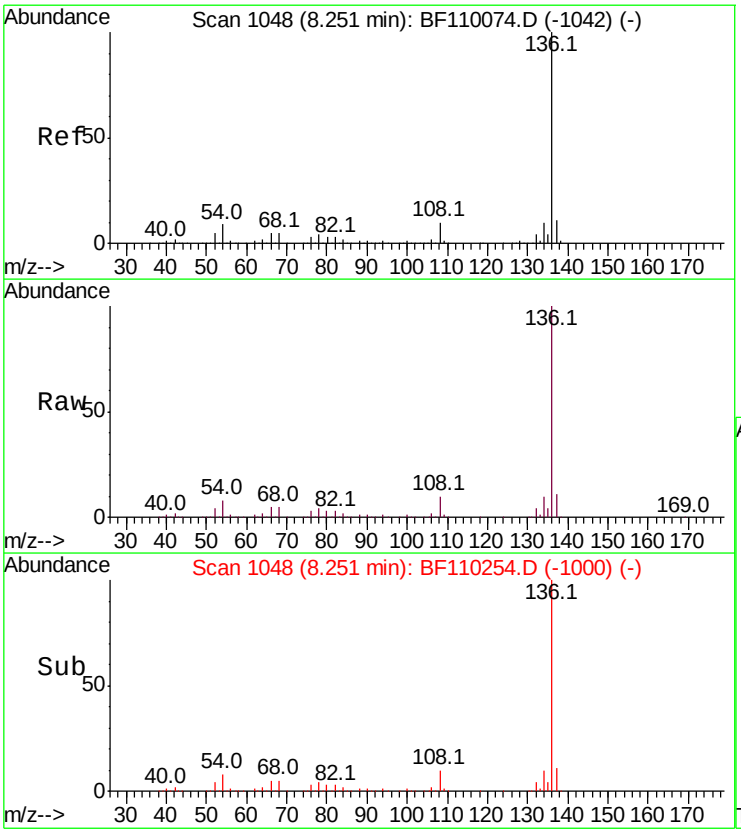
#19
n-Nitroso-di-n-propylamine
Concen: 12.135 ng
RT: 7.53 min Scan# 925
Delta R.T. 0.14 min
Lab File: BF110254.D
Acq: 29 Oct 2018 11:31

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 66623

Ion	Ratio	Lower	Upper
70	100		
42	47.2	47.4	71.2#
101	0.0	7.3	10.9#
130	2.0	16.2	24.2#

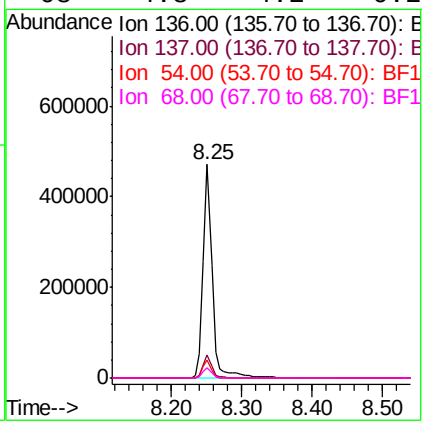


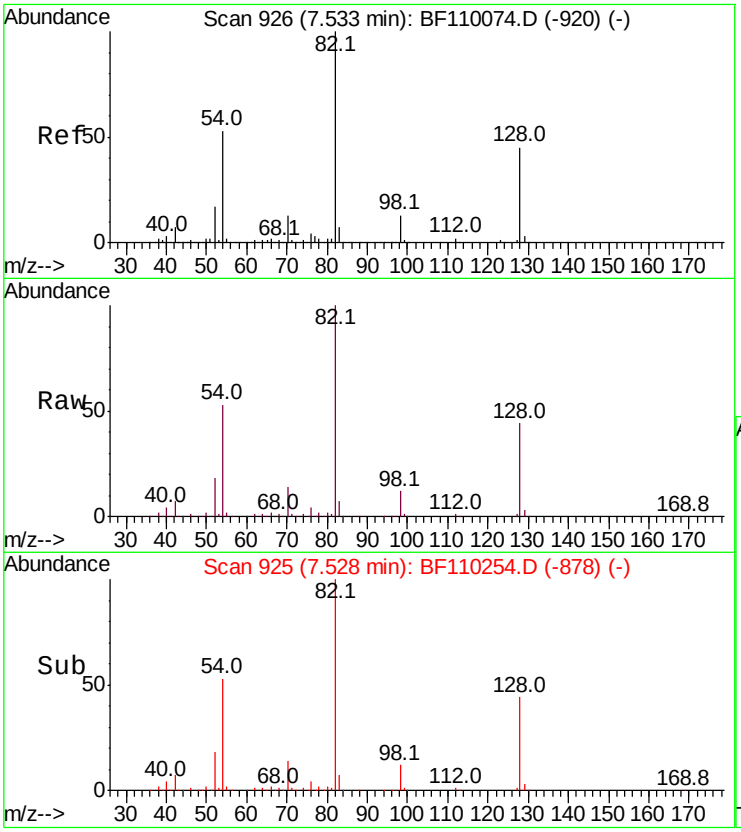


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1048
Delta R.T. -0.02 min
Lab File: BF110254.D
Acq: 29 Oct 2018 11:31

Tgt Ion:136 Resp: 426187

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.8	13.2
54	8.2	5.4	8.2#
68	4.8	4.2	6.2



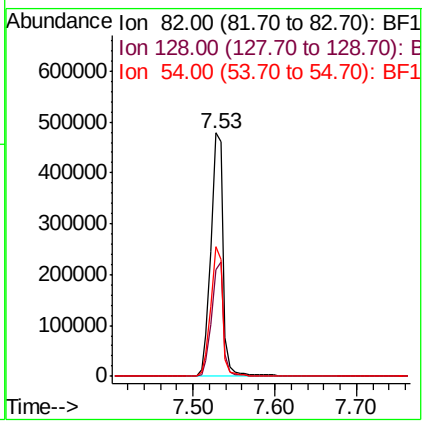


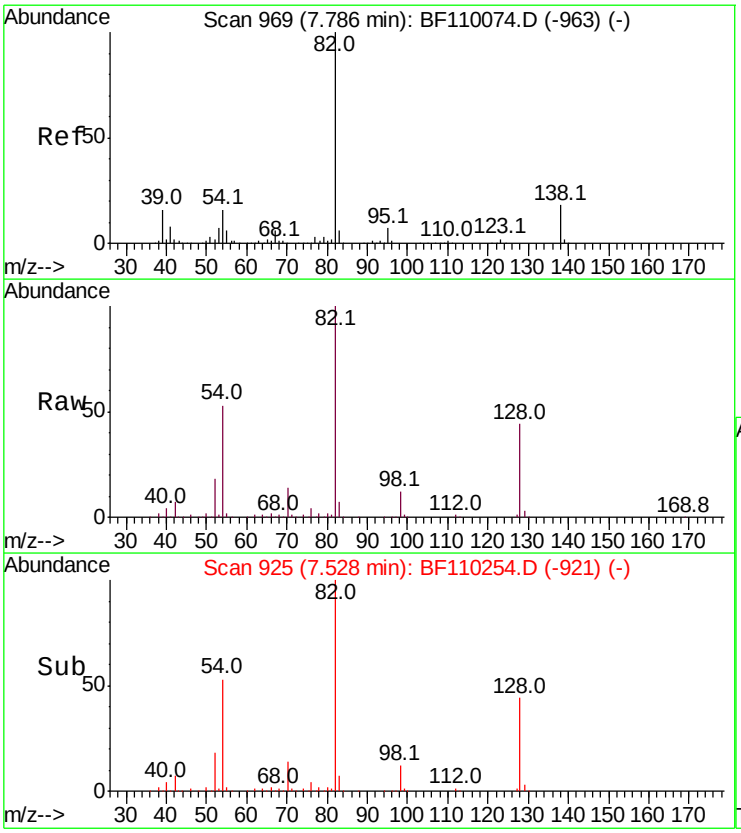
#23
Nitrobenzene-d5
Concen: 70.184 ng
RT: 7.53 min Scan# 925
Delta R.T. -0.02 min
Lab File: BF110254.D
Acq: 29 Oct 2018 11:31

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 504300

Ion	Ratio	Lower	Upper
82	100		
128	43.8	34.2	51.2
54	53.1	38.6	58.0

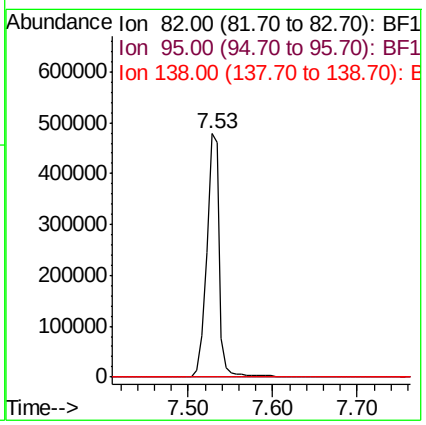


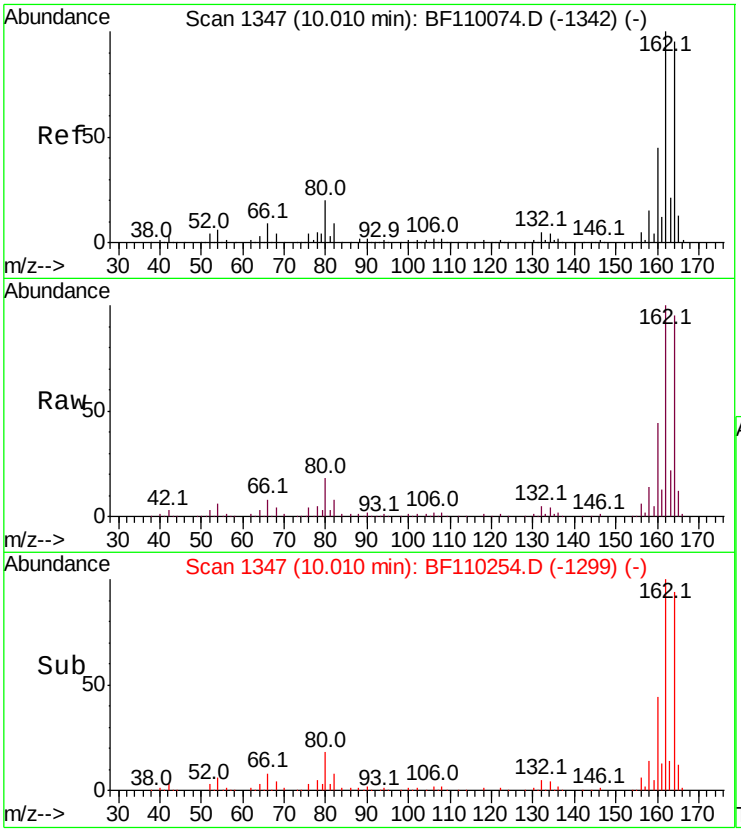


#25
Isophorone
Concen: 41.173 ng
RT: 7.53 min Scan# 925
Delta R.T. -0.28 min
Lab File: BF110254.D
Acq: 29 Oct 2018 11:31

Tgt Ion: 82 Resp: 504296

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



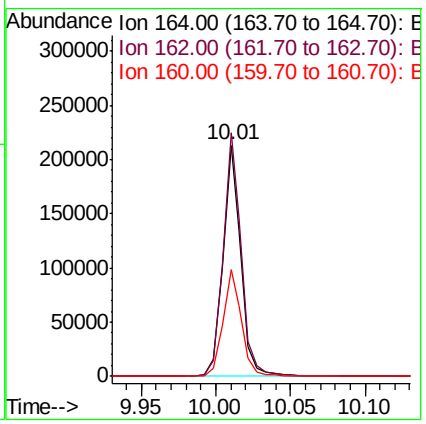


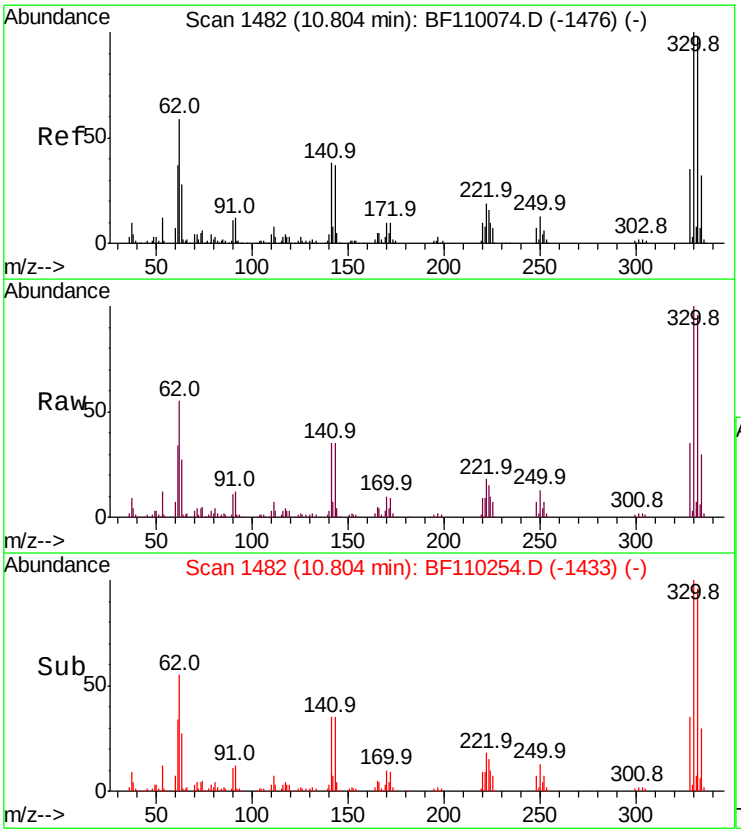
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.01 min Scan# 1347
Delta R.T. -0.02 min
Lab File: BF110254.D
Acq: 29 Oct 2018 11:31

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 179944

Ion	Ratio	Lower	Upper
164	100		
162	105.4	83.0	124.6
160	45.9	37.0	55.6

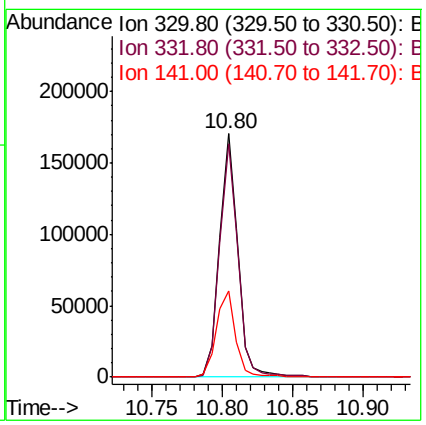


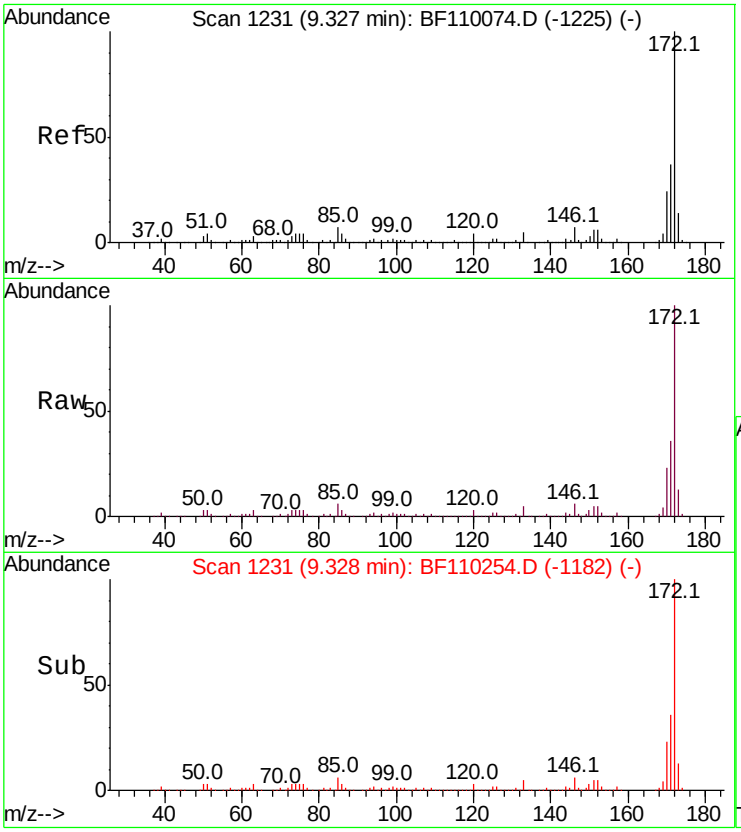


#42
2,4,6-Tribromophenol
Concen: 86.700 ng
RT: 10.80 min Scan# 1482
Delta R.T. -0.01 min
Lab File: BF110254.D
Acq: 29 Oct 2018 11:31

Tgt Ion:330 Resp: 154540

Ion	Ratio	Lower	Upper
330	100		
332	96.8	77.1	115.7
141	37.3	27.0	40.4



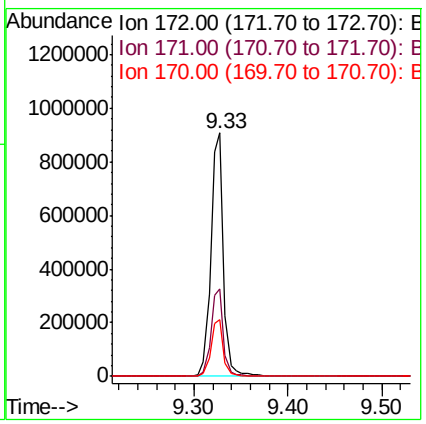


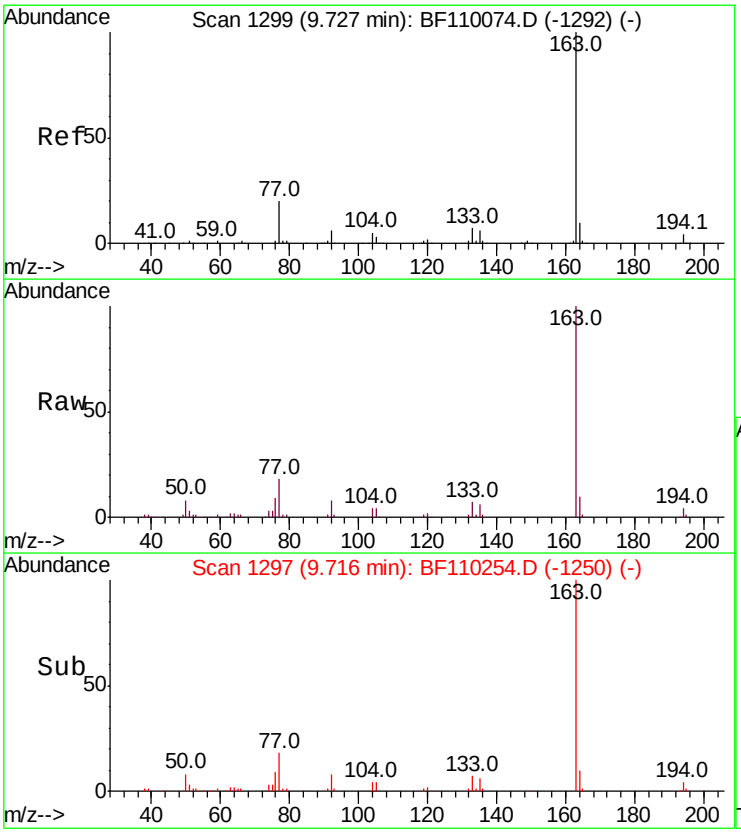
#45
2-Fluorobiphenyl
Concen: 75.557 ng
RT: 9.33 min Scan# 1231
Delta R.T. -0.01 min
Lab File: BF110254.D
Acq: 29 Oct 2018 11:31

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 865845

Ion	Ratio	Lower	Upper
172	100		
171	35.8	28.6	43.0
170	23.4	19.7	29.5

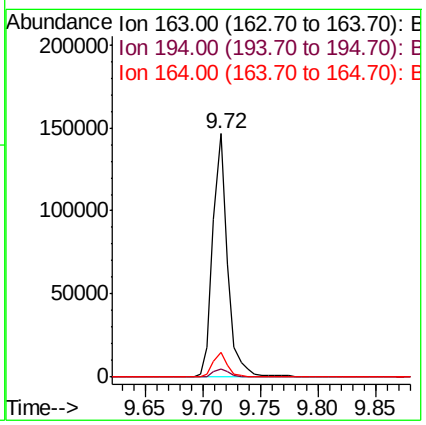


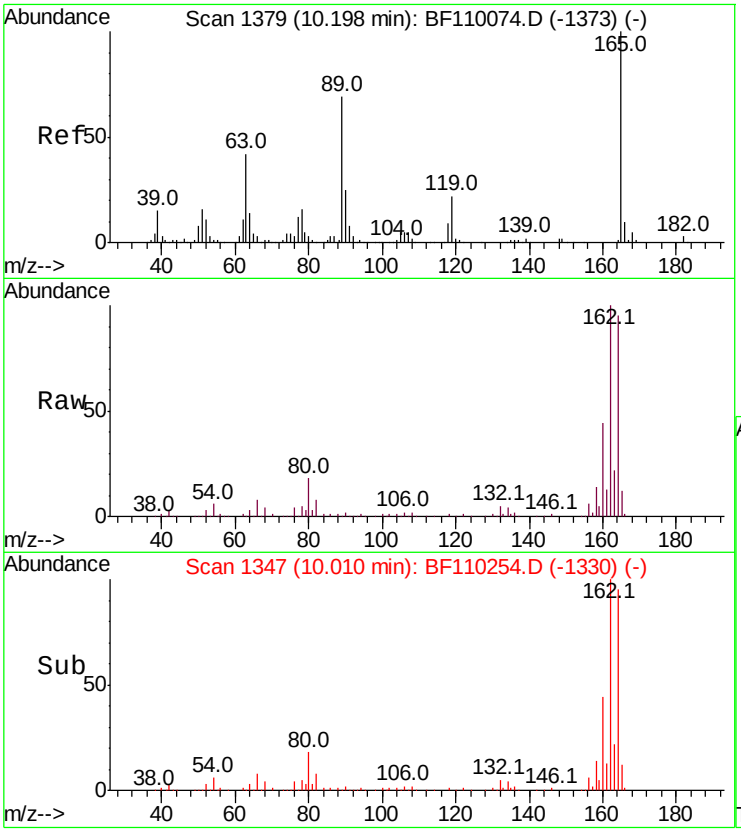


#50
Dimethylphthalate
Concen: 9.804 ng
RT: 9.72 min Scan# 1297
Delta R.T. -0.02 min
Lab File: BF110254.D
Acq: 29 Oct 2018 11:31

Tgt Ion:163 Resp: 130227

Ion	Ratio	Lower	Upper
163	100		
194	3.6	3.2	4.8
164	10.3	8.1	12.1



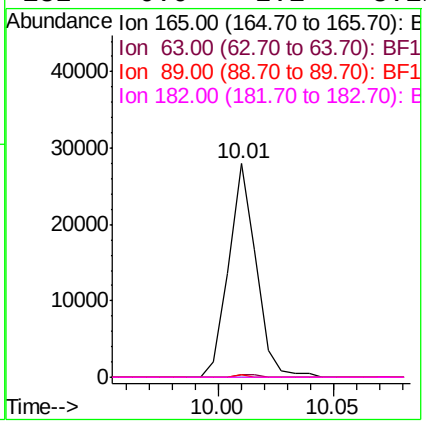


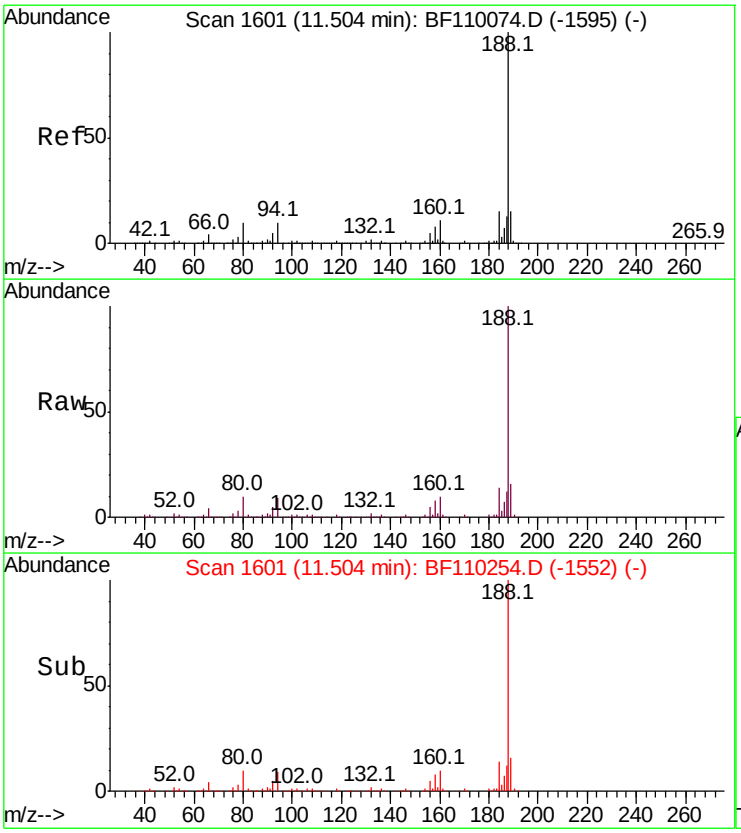
#57
2,4-Dinitrotoluene
Concen: 6.366 ng
RT: 10.01 min Scan# 1347
Delta R.T. -0.20 min
Lab File: BF110254.D
Acq: 29 Oct 2018 11:31

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 23134

Ion	Ratio	Lower	Upper
165	100		
63	1.1	44.8	67.2#
89	1.4	62.2	93.4#
182	0.0	2.1	3.1#

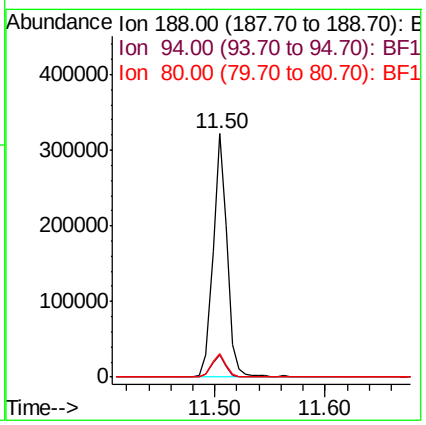


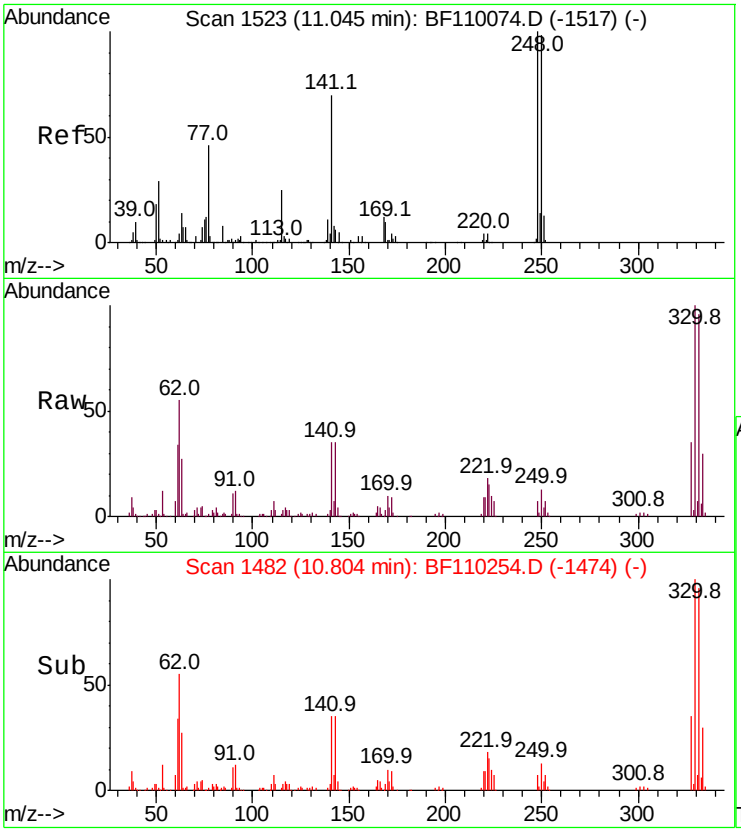


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1601
Delta R.T. -0.01 min
Lab File: BF110254.D
Acq: 29 Oct 2018 11:31

Tgt Ion:188 Resp: 278763

Ion	Ratio	Lower	Upper
188	100		
94	9.0	7.2	10.8
80	9.7	7.9	11.9



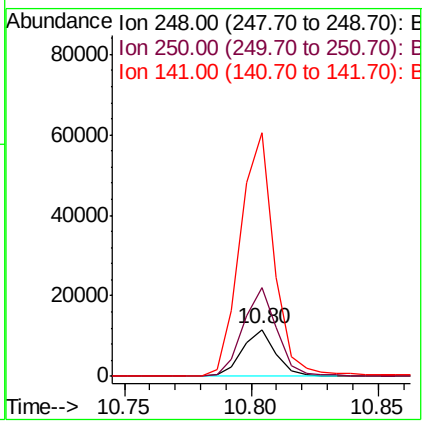


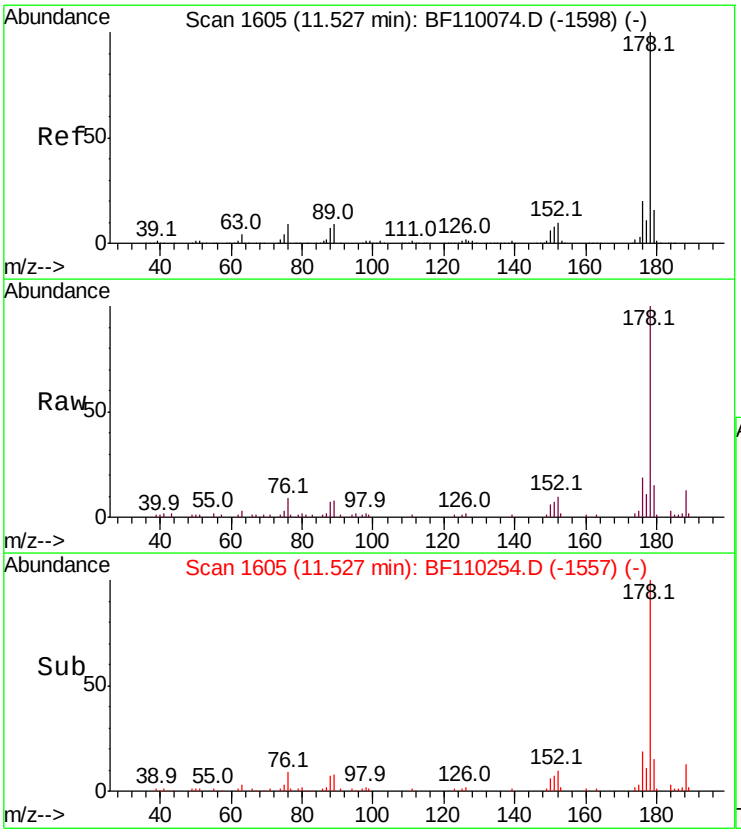
#67
4-Bromophenyl-phenylether
Concen: 3.474 ng
RT: 10.80 min Scan# 1482
Delta R.T. -0.25 min
Lab File: BF110254.D
Acq: 29 Oct 2018 11:31

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:248 Resp: 10505

Ion	Ratio	Lower	Upper
248	100		
250	189.4	79.4	119.2#
141	518.1	55.9	83.9#

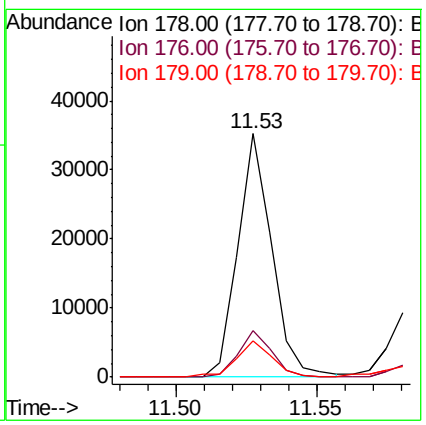


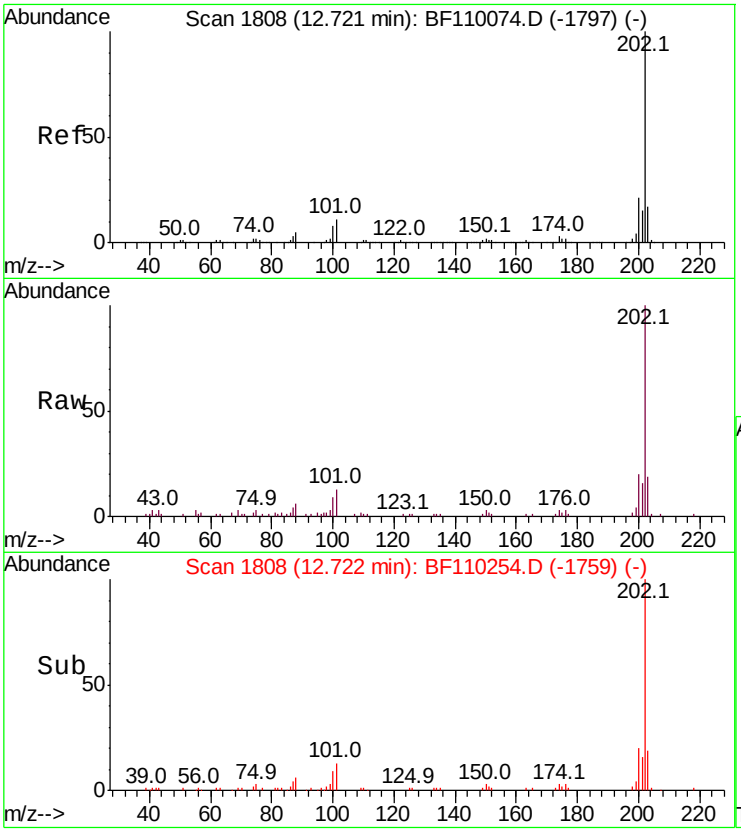


#71
Phenanthrene
Concen: 2.018 ng
RT: 11.53 min Scan# 1605
Delta R.T. -0.02 min
Lab File: BF110254.D
Acq: 29 Oct 2018 11:31

Tgt Ion:178 Resp: 29438

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.5	23.3
179	14.7	12.5	18.7



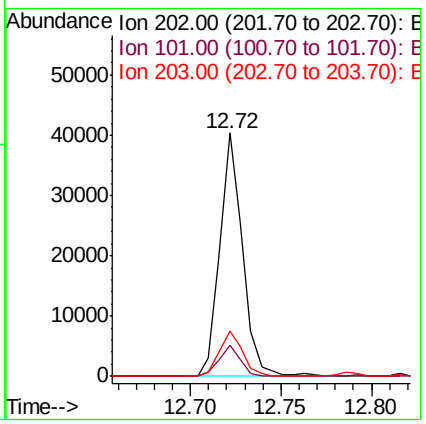


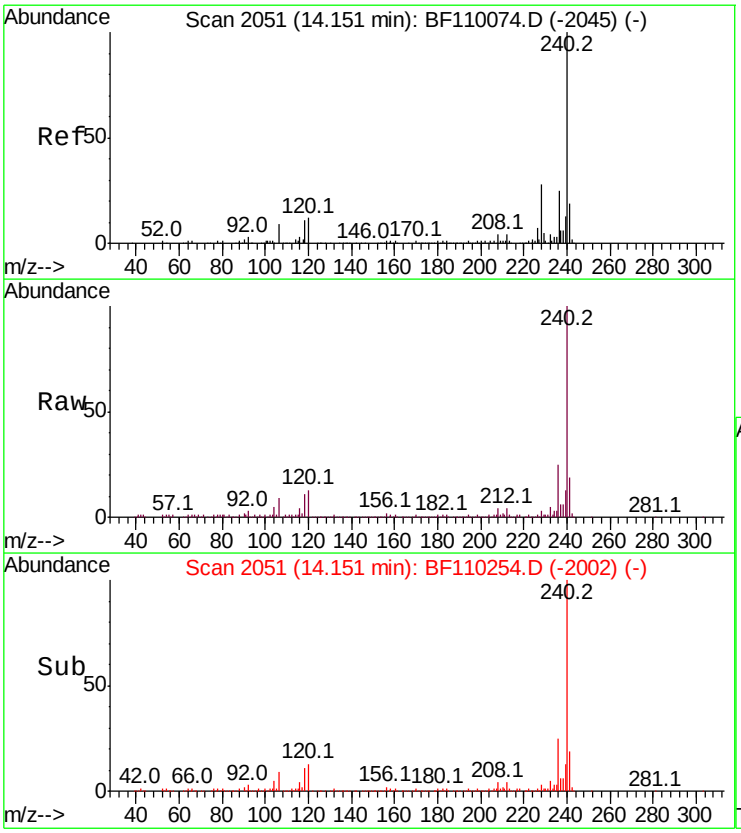
#75
Fluoranthene
Concen: 2.368 ng
RT: 12.72 min Scan# 1808
Delta R.T. -0.01 min
Lab File: BF110254.D
Acq: 29 Oct 2018 11:31

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 35060

Ion	Ratio	Lower	Upper
202	100		
101	12.6	0.0	31.4
203	18.8	0.0	37.7

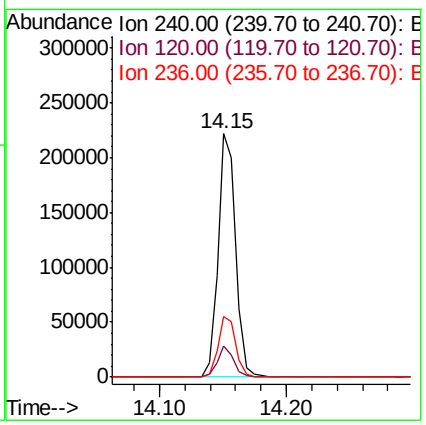


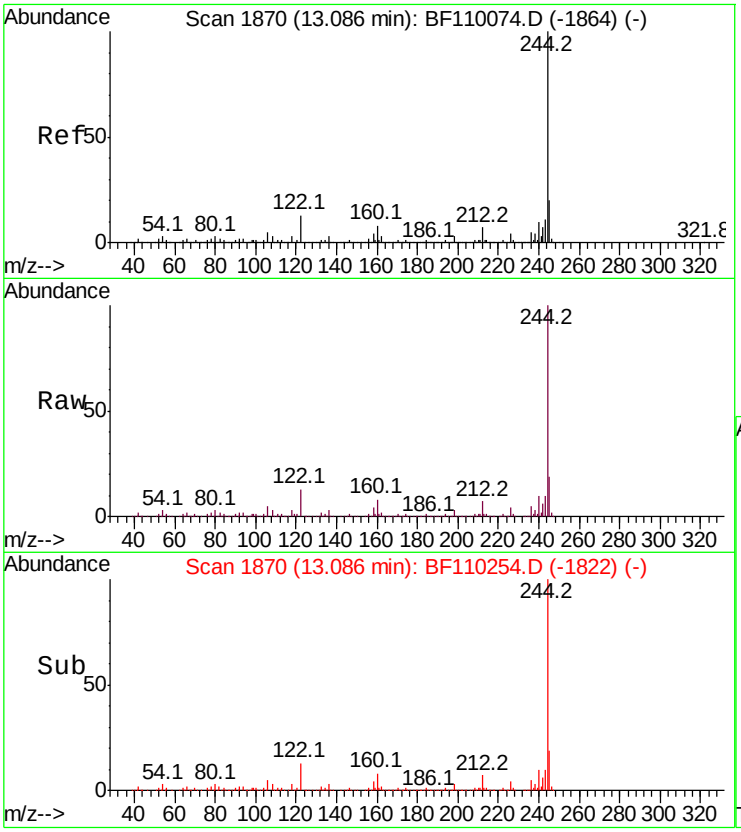


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.15 min Scan# 2051
Delta R.T. -0.01 min
Lab File: BF110254.D
Acq: 29 Oct 2018 11:31

Tgt Ion:240 Resp: 214428

Ion	Ratio	Lower	Upper
240	100		
120	13.0	8.3	12.5#
236	25.1	21.2	31.8



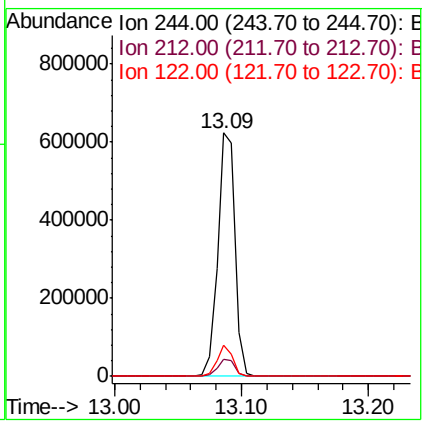


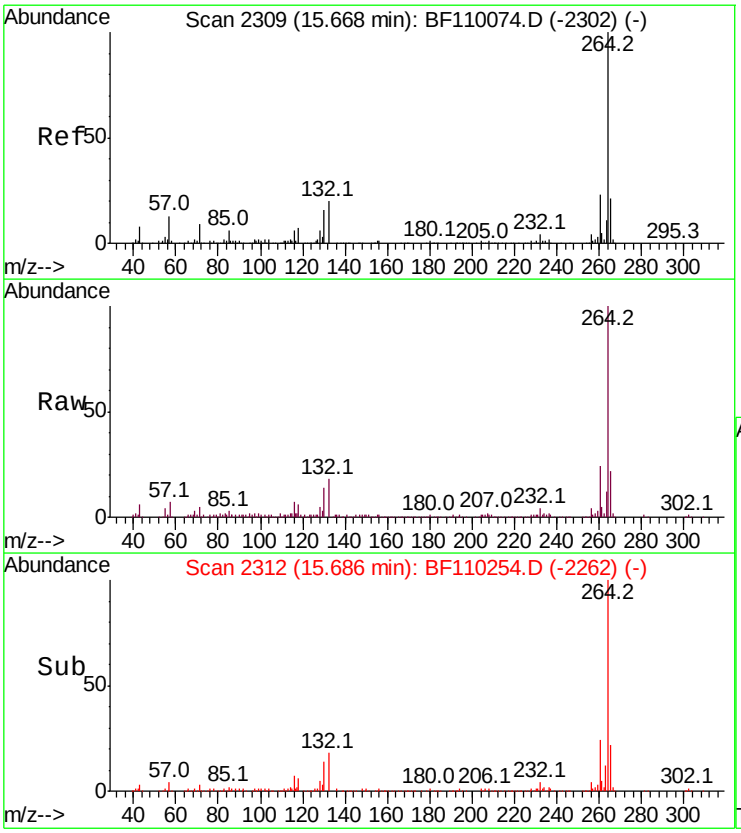
#79
Terphenyl-d14
Concen: 57.630 ng
RT: 13.09 min Scan# 1870
Delta R.T. -0.02 min
Lab File: BF110254.D
Acq: 29 Oct 2018 11:31

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 594188

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.8	8.8
122	12.9	8.7	13.1

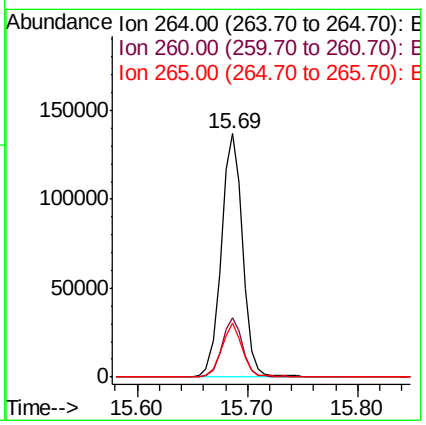


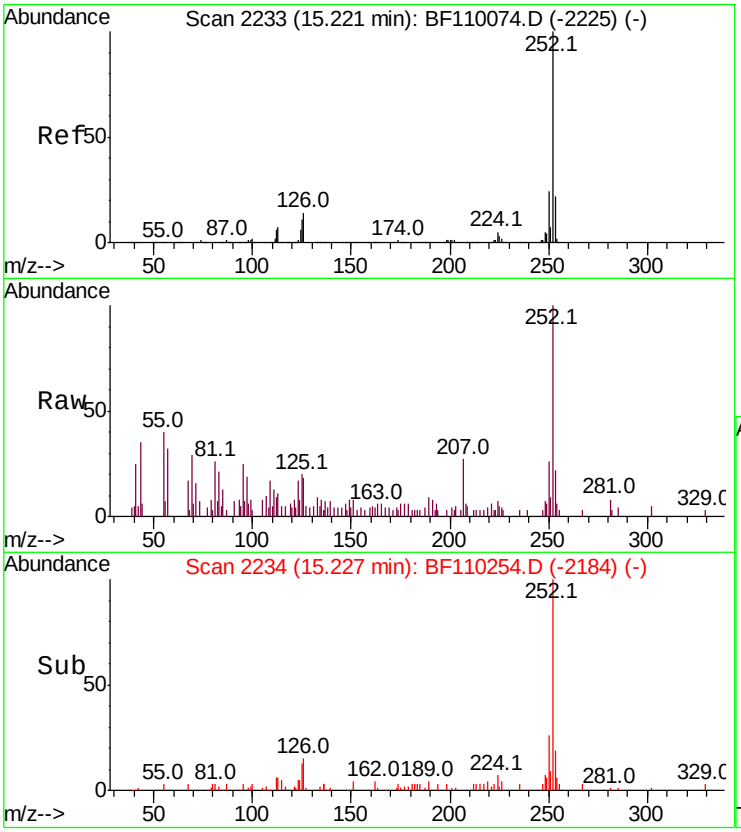


#87
Perylene-d12
Concen: 20.000 ng
RT: 15.69 min Scan# 2312
Delta R.T. -0.01 min
Lab File: BF110254.D
Acq: 29 Oct 2018 11:31

Tgt Ion:264 Resp: 185124

Ion	Ratio	Lower	Upper
264	100		
260	24.4	18.7	28.1
265	22.3	16.7	25.1



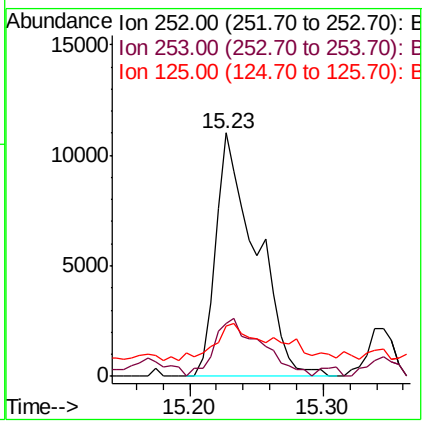


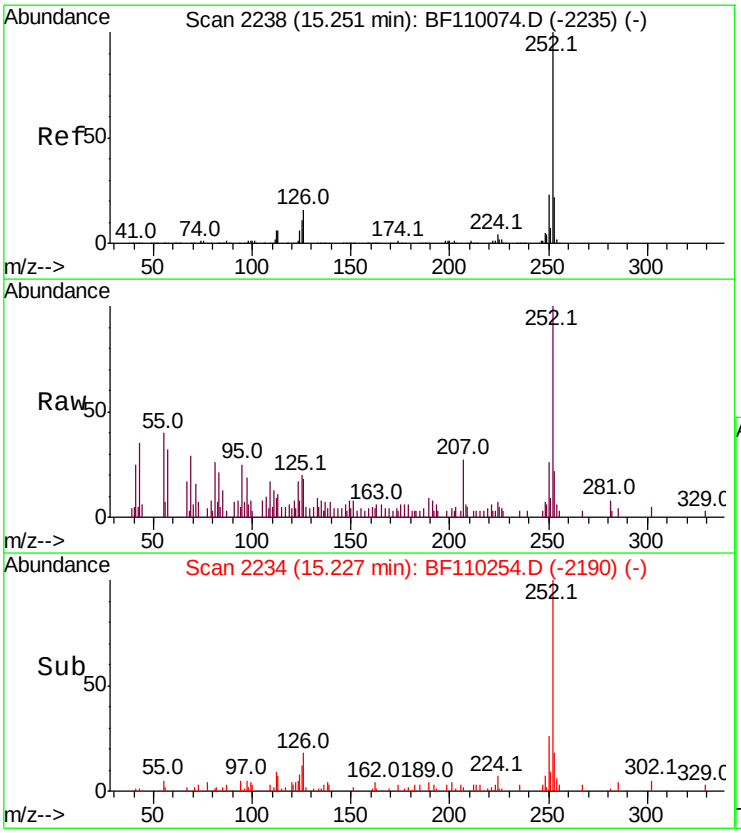
#88
Benzo(b)fluoranthene
Concen: 2.156 ng
RT: 15.23 min Scan# 2234
Delta R.T. -0.01 min
Lab File: BF110254.D
Acq: 29 Oct 2018 11:31

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 23050

Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.2	25.8
125	20.4	8.2	12.4#





#89
Benzo(k)fluoranthene
Concen: 2.193 ng
RT: 15.23 min Scan# 2234
Delta R.T. -0.04 min
Lab File: BF110254.D
Acq: 29 Oct 2018 11:31

Tgt Ion:252 Resp: 23050

Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.2	25.8
125	20.4	7.4	11.0#