Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102418\
Data File : BF110115.D
Acq On : 24 Oct 2018 15:20
Operator : JU/SJ
Sample : J5610-11 10X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Oct 25 02:11:34 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	152949	20.00	ng	-0.01
21) Naphthalene-d8	8.25	136	601229	20.00	ng	-0.02
39) Acenaphthene-d10	10.01	164	240792	20.00	ng	-0.02
64) Phenanthrene-d10	11.50	188	381837	20.00	ng	-0.01
76) Chrysene-d12	14.16	240	343380	20.00	ng	0.00
87) Perylene-d12	15.70	264	255166	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	37047	3.94	ng	-0.02
7) Phenol-d6	6.57	99	47769	3.98	ng	-0.03
23) Nitrobenzene-d5	7.52	82	25685	2.53	ng	-0.03
42) 2,4,6-Tribromophenol	10.80	330	6334	2.66	ng	-0.02
45) 2-Fluorobiphenyl	9.32	172	54741	3.57	ng	-0.02
79) Terphenyl-d14	13.09	244	43005	2.60	ng	-0.02
Target Compounds						Qvalue
9) Benzaldehyde	6.73	77	807	Below Cal	#	80
51) 2,6-Dinitrotoluene	10.01	165	30515	7.970	ng	# 23
57) 2,4-Dinitrotoluene	10.01	165	30515	6.275	ng	# 19

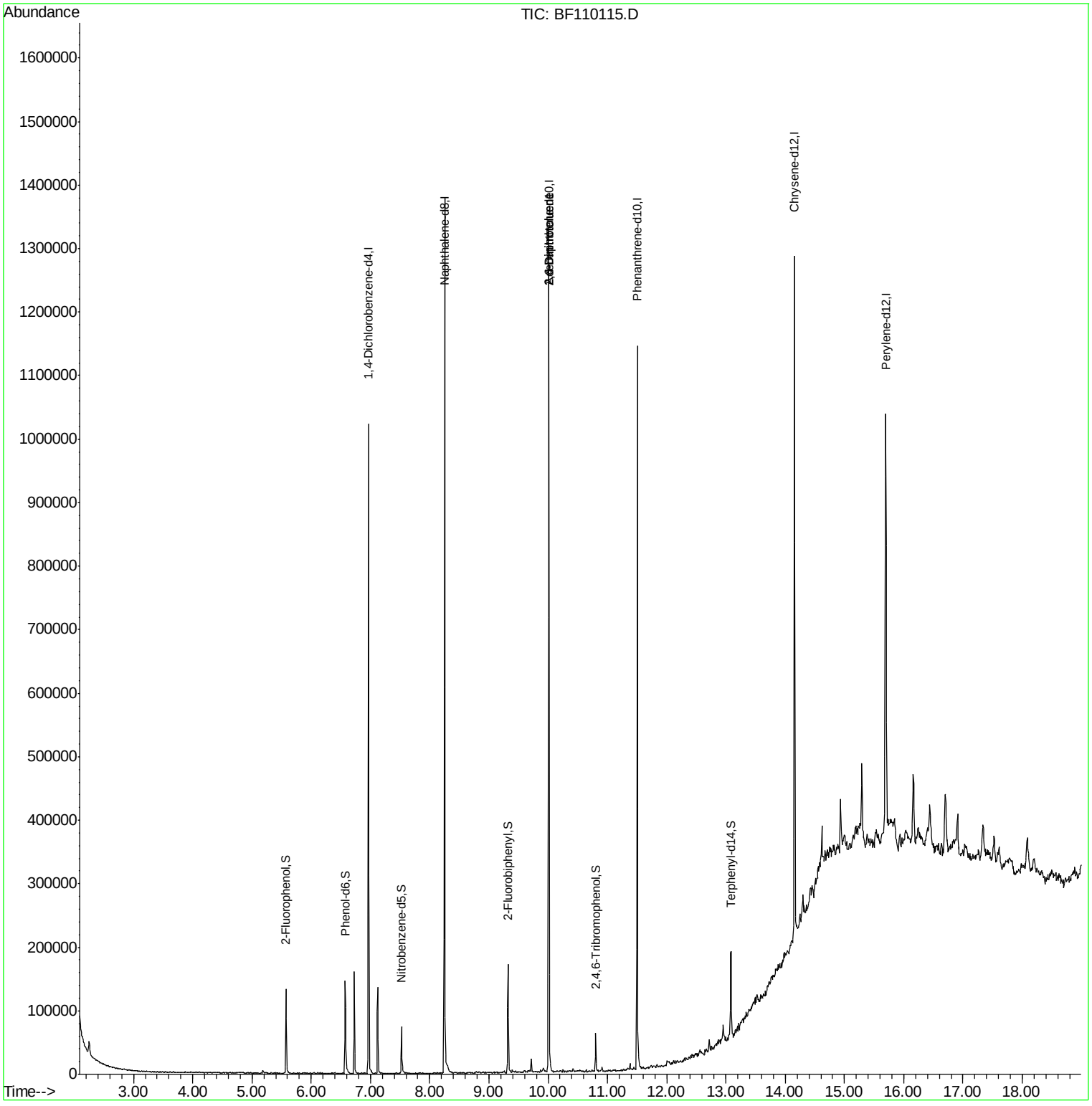
(#) = qualifier out of range (m) = manual integration (+) = signals summed

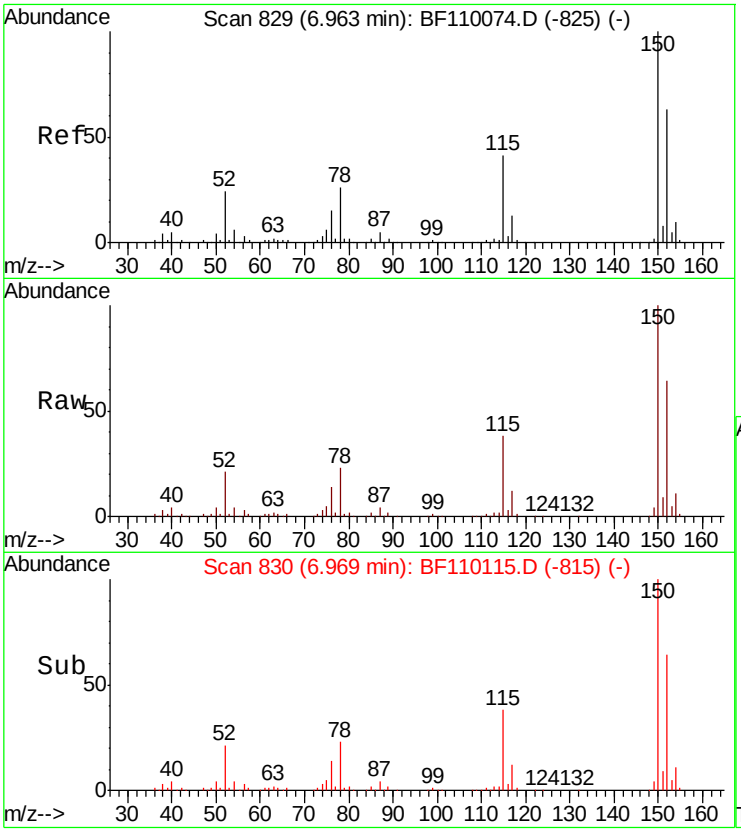
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102418\
Data File : BF110115.D
Acq On : 24 Oct 2018 15:20
Operator : JU/SJ
Sample : J5610-11 10X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Oct 25 02:11:34 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



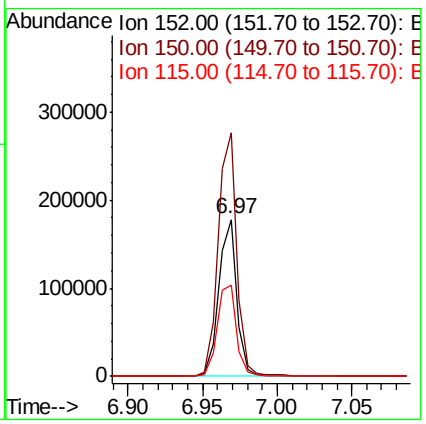


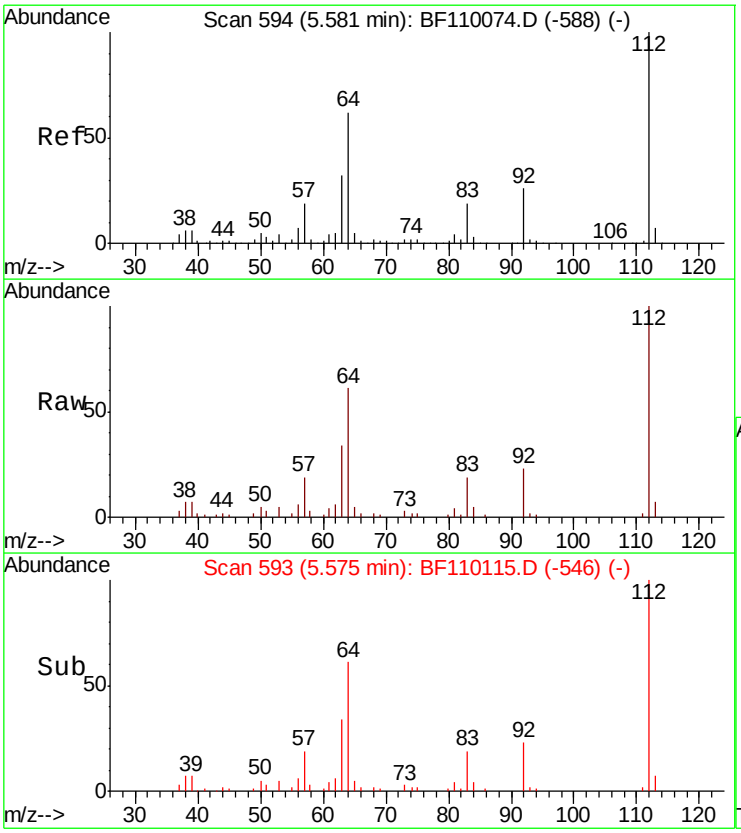
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 830
Delta R.T. -0.01 min
Lab File: BF110115.D
Acq: 24 Oct 2018 15:20

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 152949

Ion	Ratio	Lower	Upper
152	100		
150	155.1	122.7	184.1
115	58.5	49.1	73.7

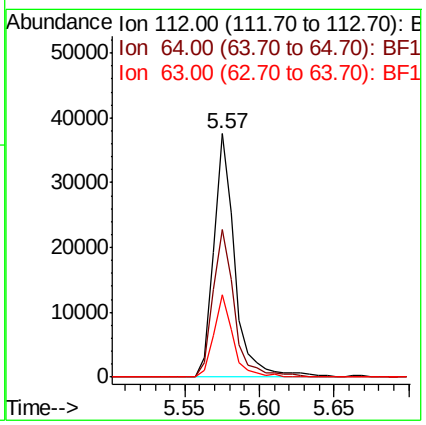


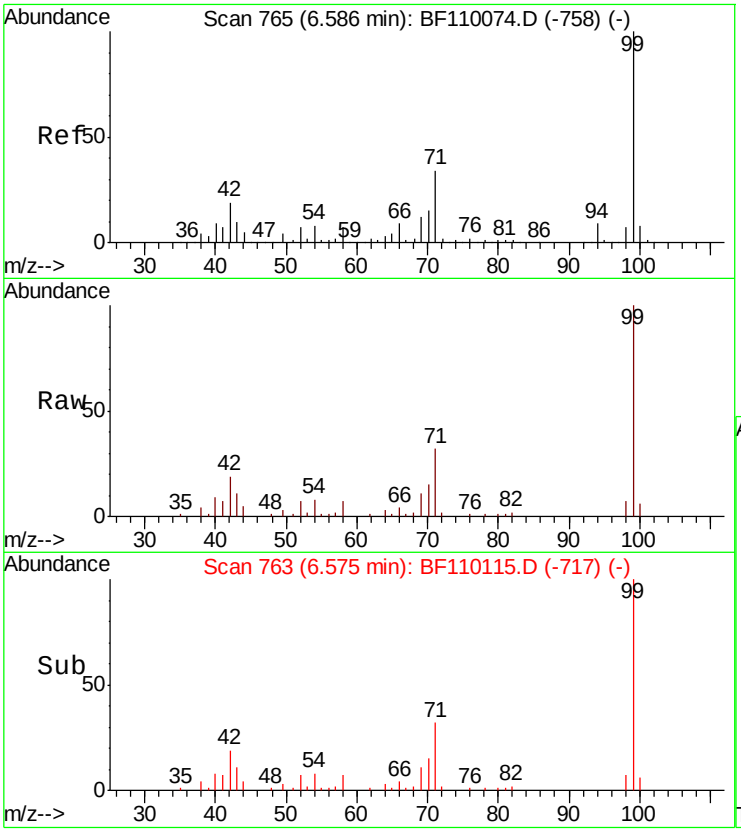


#5
2-Fluorophenol
Concen: 3.944 ng
RT: 5.57 min Scan# 593
Delta R.T. -0.02 min
Lab File: BF110115.D
Acq: 24 Oct 2018 15:20

Tgt Ion:112 Resp: 37047

Ion	Ratio	Lower	Upper
112	100		
64	60.8	44.1	66.1
63	33.6	23.7	35.5



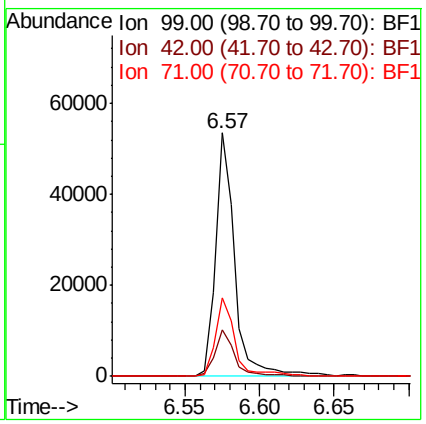


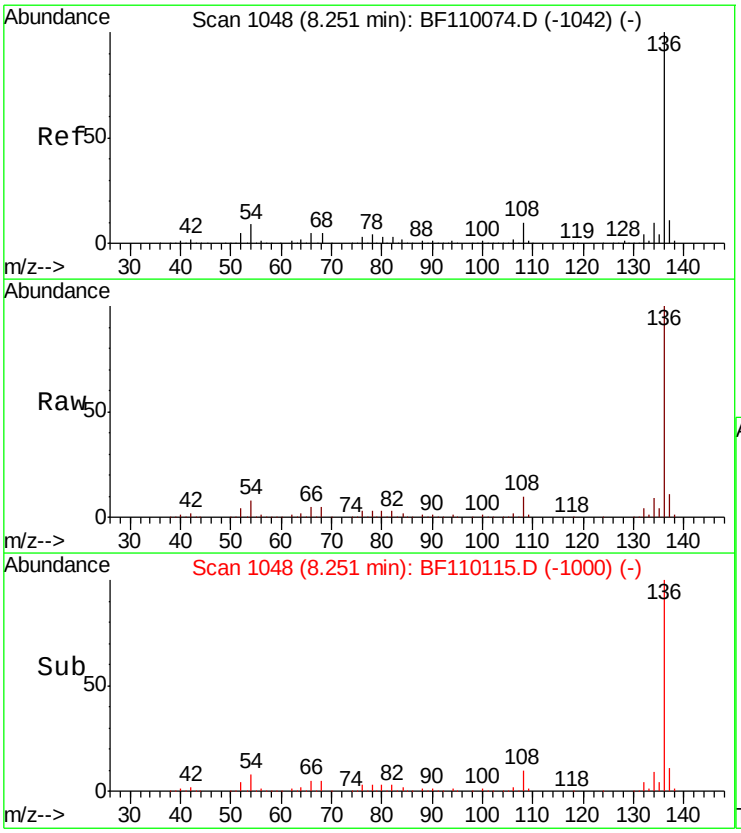
#7
Phenol-d6
Concen: 3.976 ng
RT: 6.57 min Scan# 763
Delta R.T. -0.03 min
Lab File: BF110115.D
Acq: 24 Oct 2018 15:20

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 47769

Ion	Ratio	Lower	Upper
99	100		
42	19.1	15.8	23.6
71	32.0	28.0	42.0

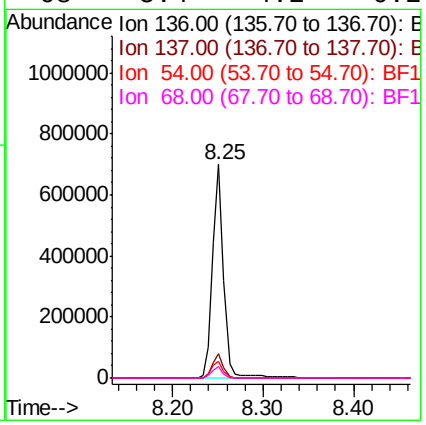


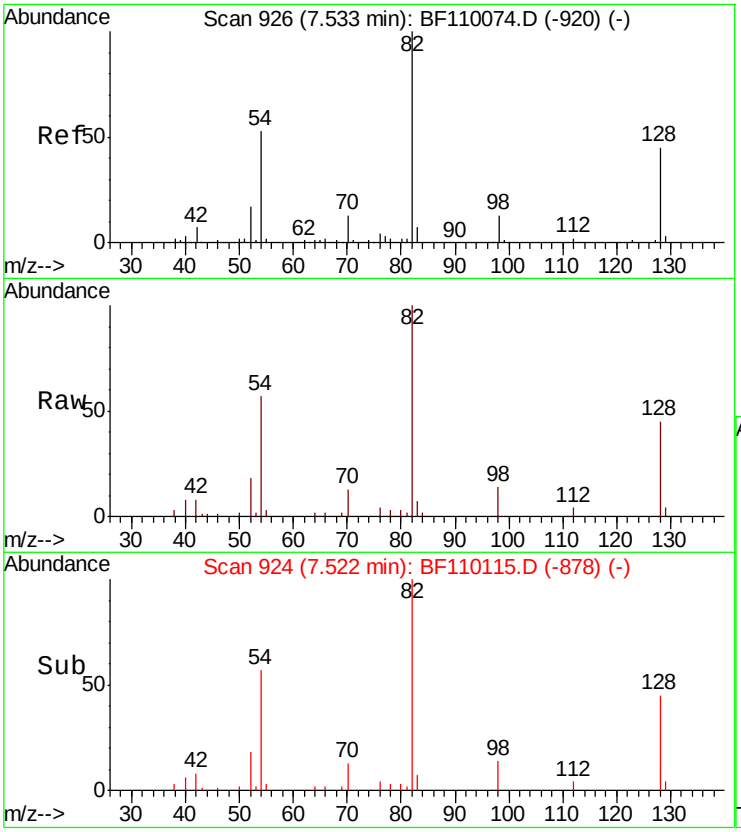


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1048
Delta R.T. -0.02 min
Lab File: BF110115.D
Acq: 24 Oct 2018 15:20

Tgt Ion:136 Resp: 601229

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.8	13.2
54	8.1	5.4	8.2
68	5.4	4.2	6.2



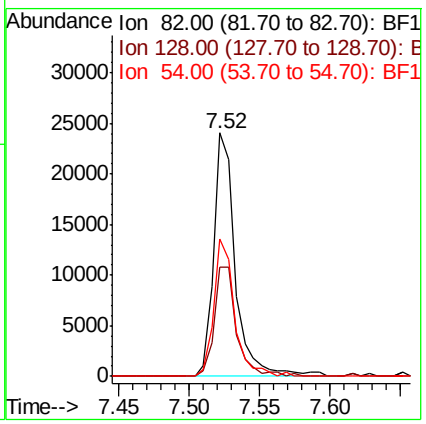


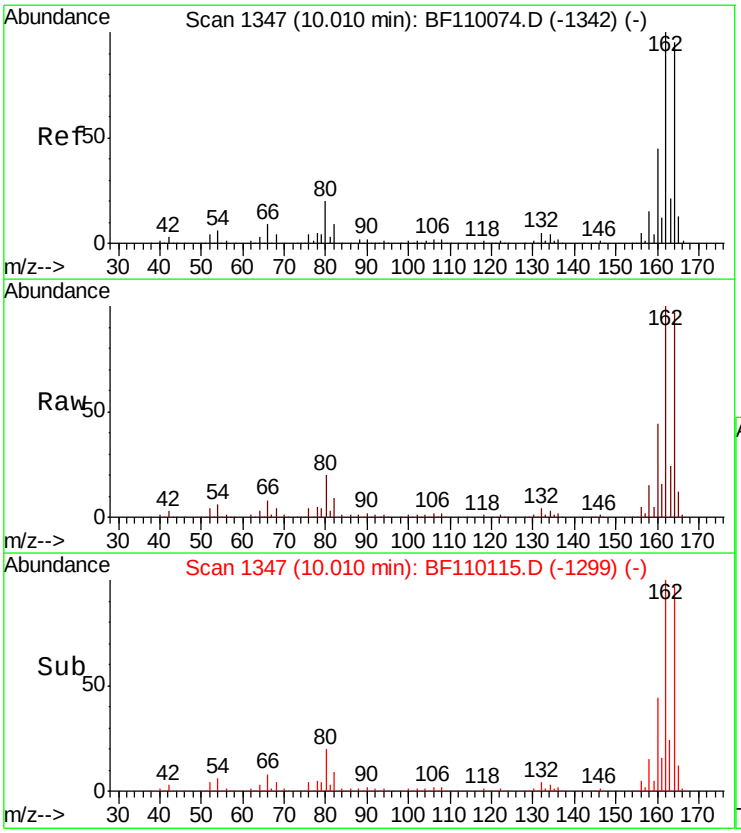
#23
Nitrobenzene-d5
Concen: 2.534 ng
RT: 7.52 min Scan# 924
Delta R.T. -0.03 min
Lab File: BF110115.D
Acq: 24 Oct 2018 15:20

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 25685

Ion	Ratio	Lower	Upper
82	100		
128	45.1	34.2	51.2
54	56.6	38.6	58.0

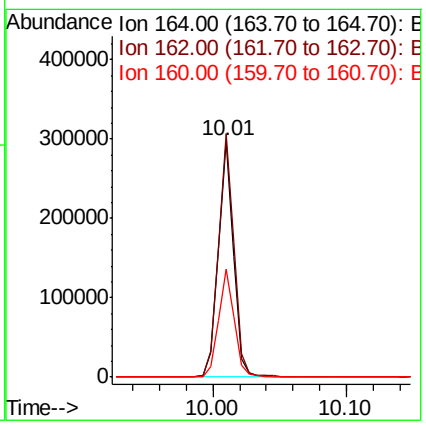


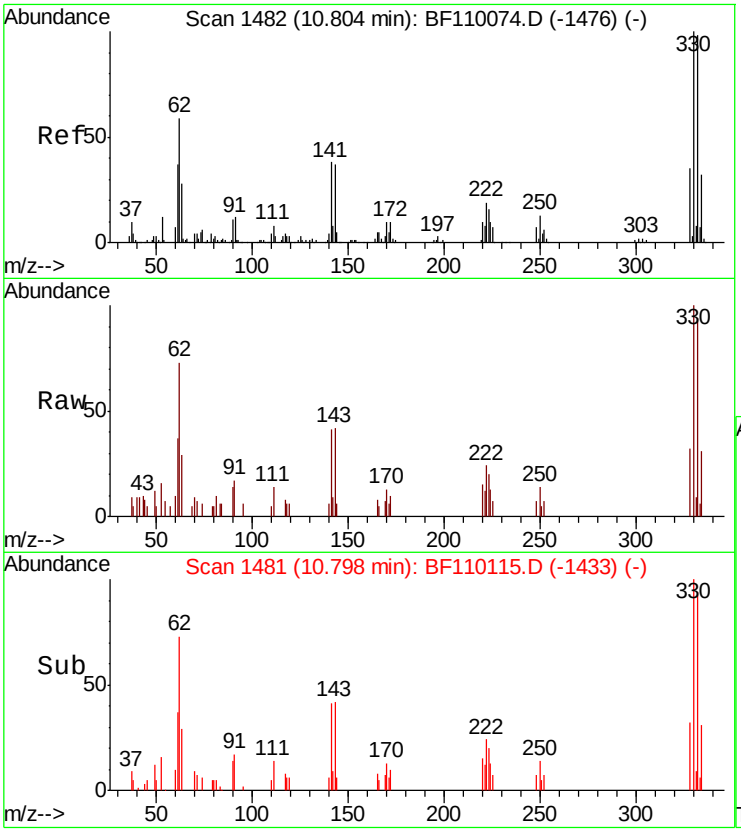


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.01 min Scan# 1347
Delta R.T. -0.02 min
Lab File: BF110115.D
Acq: 24 Oct 2018 15:20

Tgt Ion:164 Resp: 240792

Ion	Ratio	Lower	Upper
164	100		
162	103.1	83.0	124.6
160	45.7	37.0	55.6



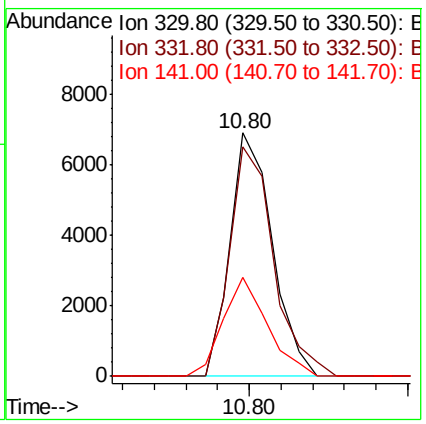


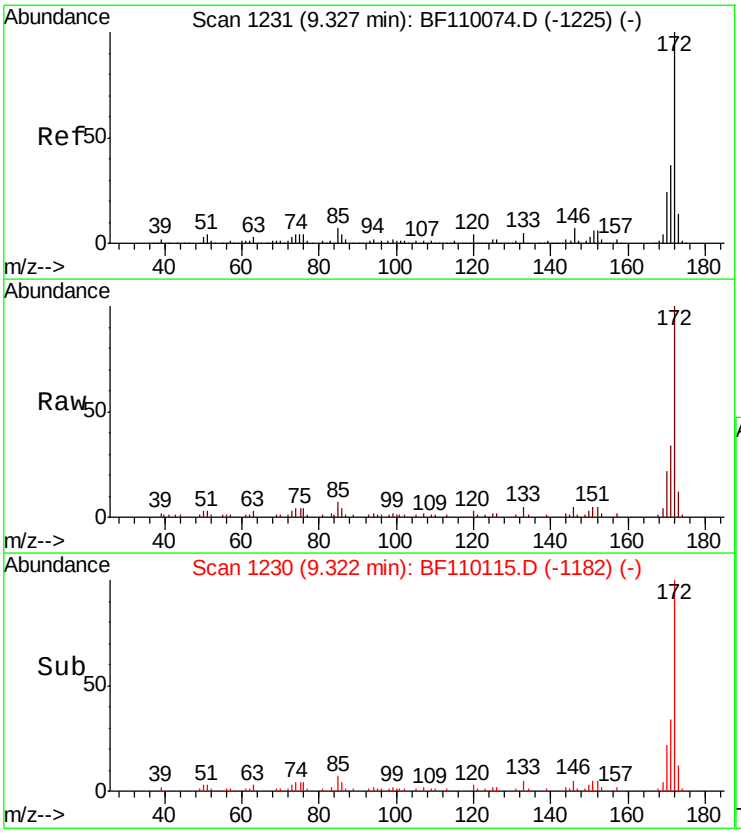
#42
2,4,6-Tribromophenol
Concen: 2.656 ng
RT: 10.80 min Scan# 1481
Delta R.T. -0.02 min
Lab File: BF110115.D
Acq: 24 Oct 2018 15:20

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 6334

Ion	Ratio	Lower	Upper
330	100		
332	98.5	77.1	115.7
141	43.1	27.0	40.4#

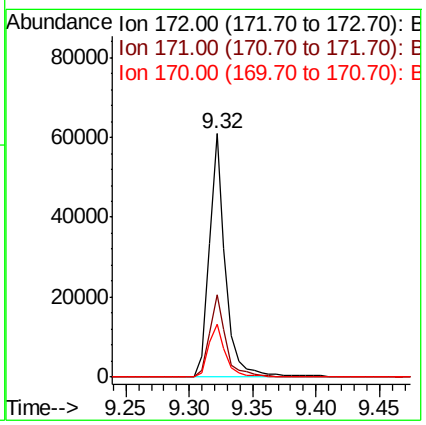


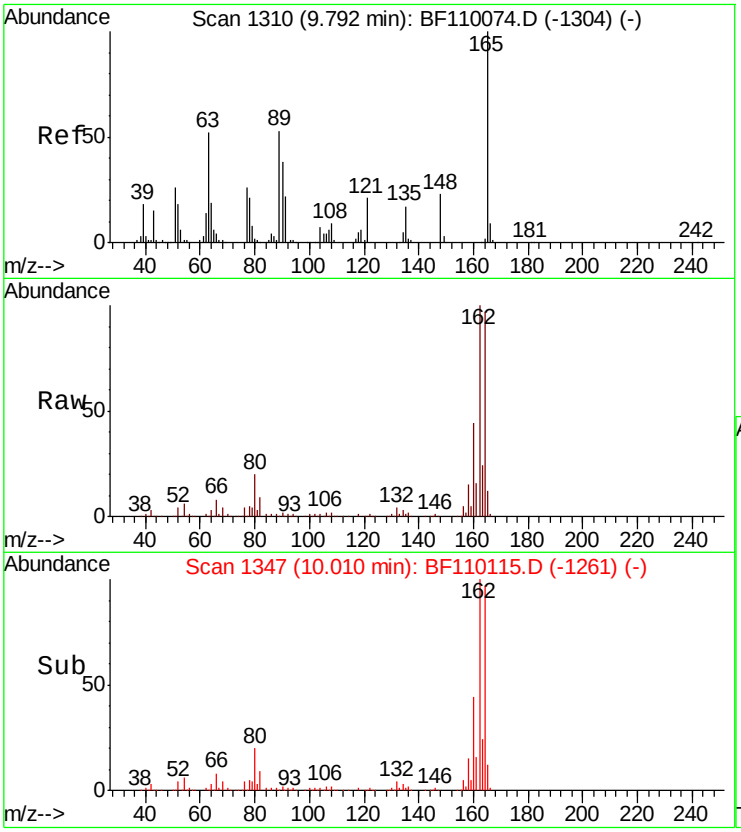


#45
2-Fluorobiphenyl
Concen: 3.570 ng
RT: 9.32 min Scan# 1230
Delta R.T. -0.02 min
Lab File: BF110115.D
Acq: 24 Oct 2018 15:20

Tgt Ion:172 Resp: 54741

Ion	Ratio	Lower	Upper
172	100		
171	33.6	28.6	43.0
170	22.0	19.7	29.5



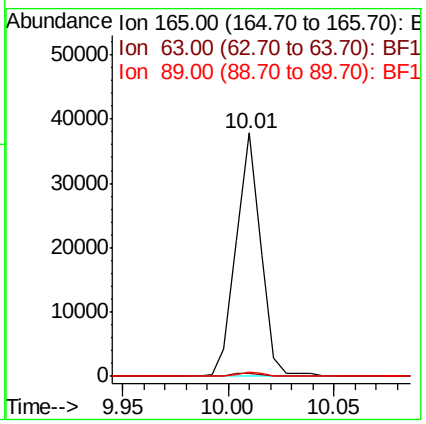


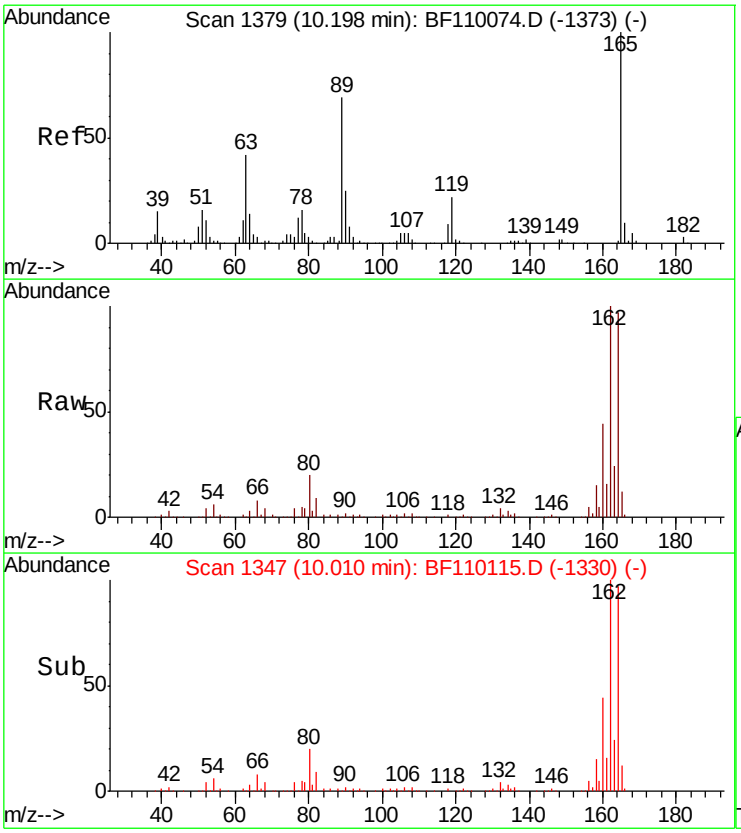
#51
2,6-Dinitrotoluene
Concen: 7.970 ng
RT: 10.01 min Scan# 1347
Delta R.T. 0.21 min
Lab File: BF110115.D
Acq: 24 Oct 2018 15:20

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 30515

Ion	Ratio	Lower	Upper
165	100		
63	1.1	48.9	73.3#
89	1.5	46.6	69.8#

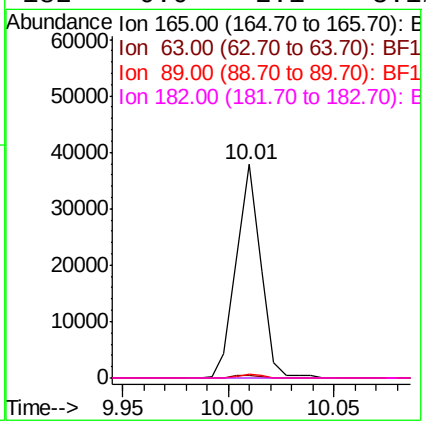


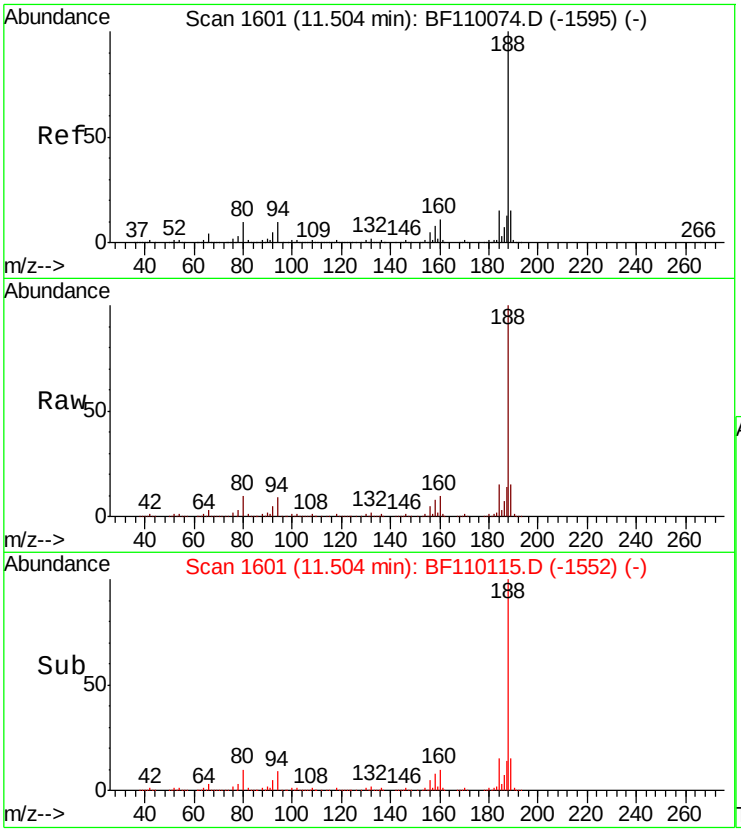


#57
2,4-Dinitrotoluene
Concen: 6.275 ng
RT: 10.01 min Scan# 1347
Delta R.T. -0.20 min
Lab File: BF110115.D
Acq: 24 Oct 2018 15:20

Tgt Ion:165 Resp: 30515

Ion	Ratio	Lower	Upper
165	100		
63	1.1	44.8	67.2#
89	1.5	62.2	93.4#
182	0.0	2.1	3.1#



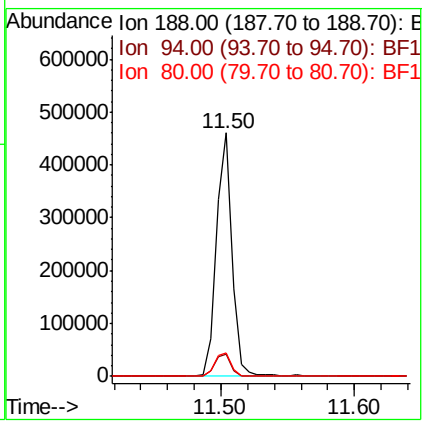


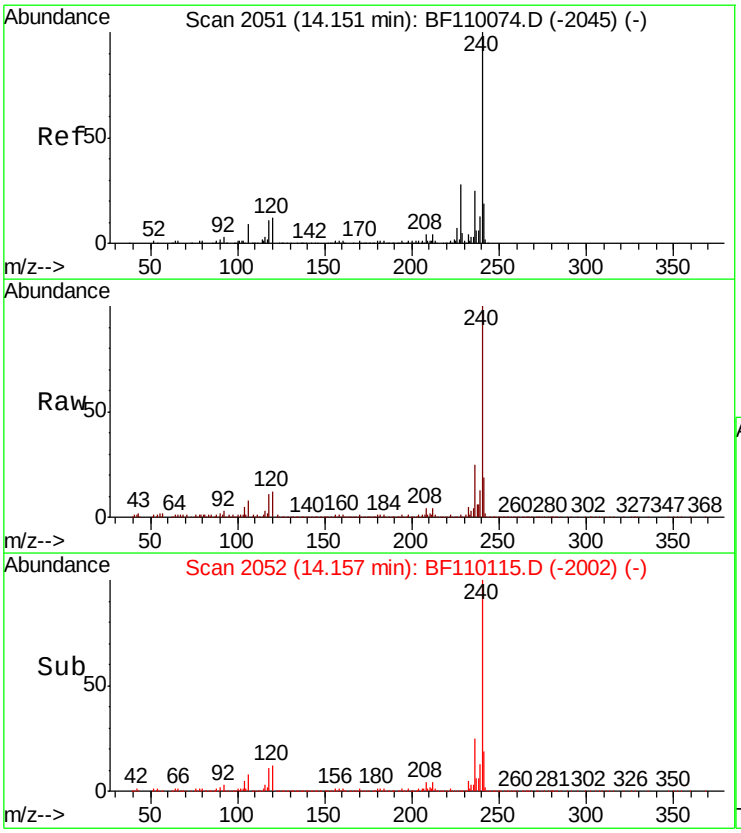
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1601
Delta R.T. -0.01 min
Lab File: BF110115.D
Acq: 24 Oct 2018 15:20

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 381837

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

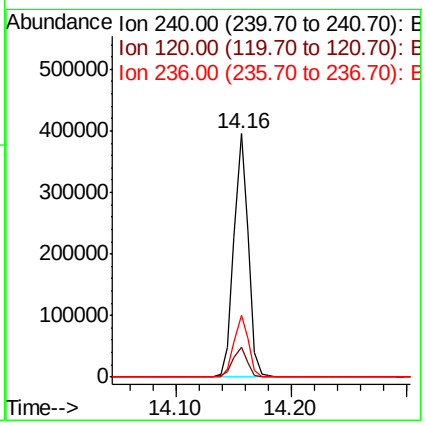


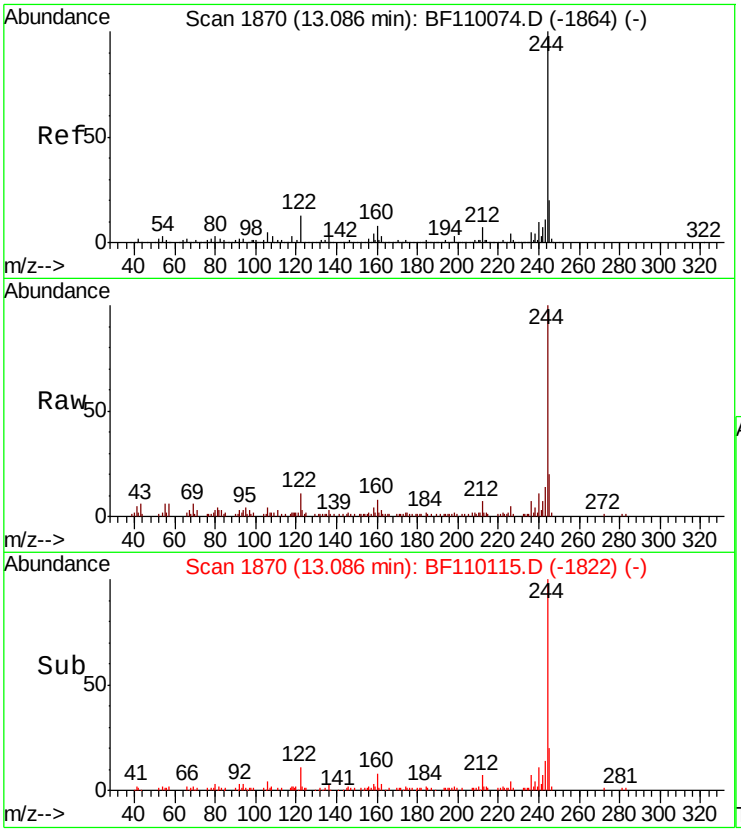


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.16 min Scan# 2052
Delta R.T. -0.01 min
Lab File: BF110115.D
Acq: 24 Oct 2018 15:20

Tgt Ion:240 Resp: 343380

Ion	Ratio	Lower	Upper
240	100		
120	12.3	8.3	12.5
236	25.3	21.2	31.8



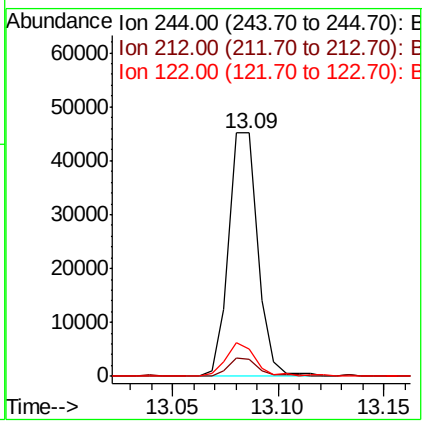


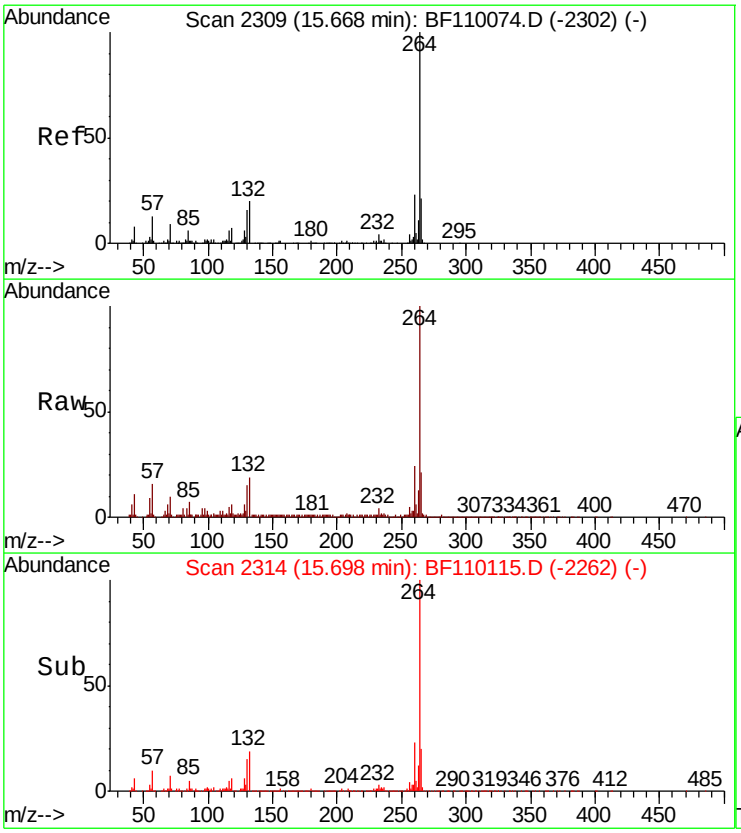
#79
Terphenyl-d14
Concen: 2.605 ng
RT: 13.09 min Scan# 1870
Delta R.T. -0.02 min
Lab File: BF110115.D
Acq: 24 Oct 2018 15:20

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 43005

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.8	8.8
122	11.4	8.7	13.1





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.70 min Scan# 2314
Delta R.T. 0.01 min
Lab File: BF110115.D
Acq: 24 Oct 2018 15:20

Tgt Ion:264 Resp: 255166

Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.7	28.1
265	20.6	16.7	25.1