Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110618\
Data File : BF110534.D
Acq On : 6 Nov 2018 23:55
Operator : JU/SJ
Sample : J5818-01 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Nov 07 08:46:42 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	6.96	152	86406	20.00	ng		0.00
21) Naphthalene-d8	8.24	136	328077	20.00	ng		0.00
39) Acenaphthene-d10	10.00	164	124826	20.00	ng		0.00
64) Phenanthrene-d10	11.49	188	204902	20.00	ng		0.00
76) Chrysene-d12	14.14	240	147653	20.00	ng		0.00
87) Perylene-d12	15.67	264	109188	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.58	112	39437	7.43	ng		0.00
7) Phenol-d6	6.59	99	2646	0.39	ng		0.00
23) Nitrobenzene-d5	7.52	82	93461	16.90	ng		0.00
42) 2,4,6-Tribromophenol	10.79	330	17544	14.19	ng		0.00
45) 2-Fluorobiphenyl	9.31	172	182543	22.96	ng		0.00
79) Terphenyl-d14	13.07	244	142269	20.04	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.73	77	1601	Below Cal		#	81
16) 2,2'-oxybis(1-Chloropropan	7.08	45	156586	16.41	ng		78
25) Isophorone	7.52	82	93461	9.91	ng	#	67
32) Benzoic acid	8.07	122	11460	3.29	ng		97
51) 2,6-Dinitrotoluene	10.00	165	16741	8.43	ng	#	22
57) 2,4-Dinitrotoluene	10.00	165	16741	6.64	ng	#	18
77) Benzidine	12.76	184	114	Below Cal		#	1

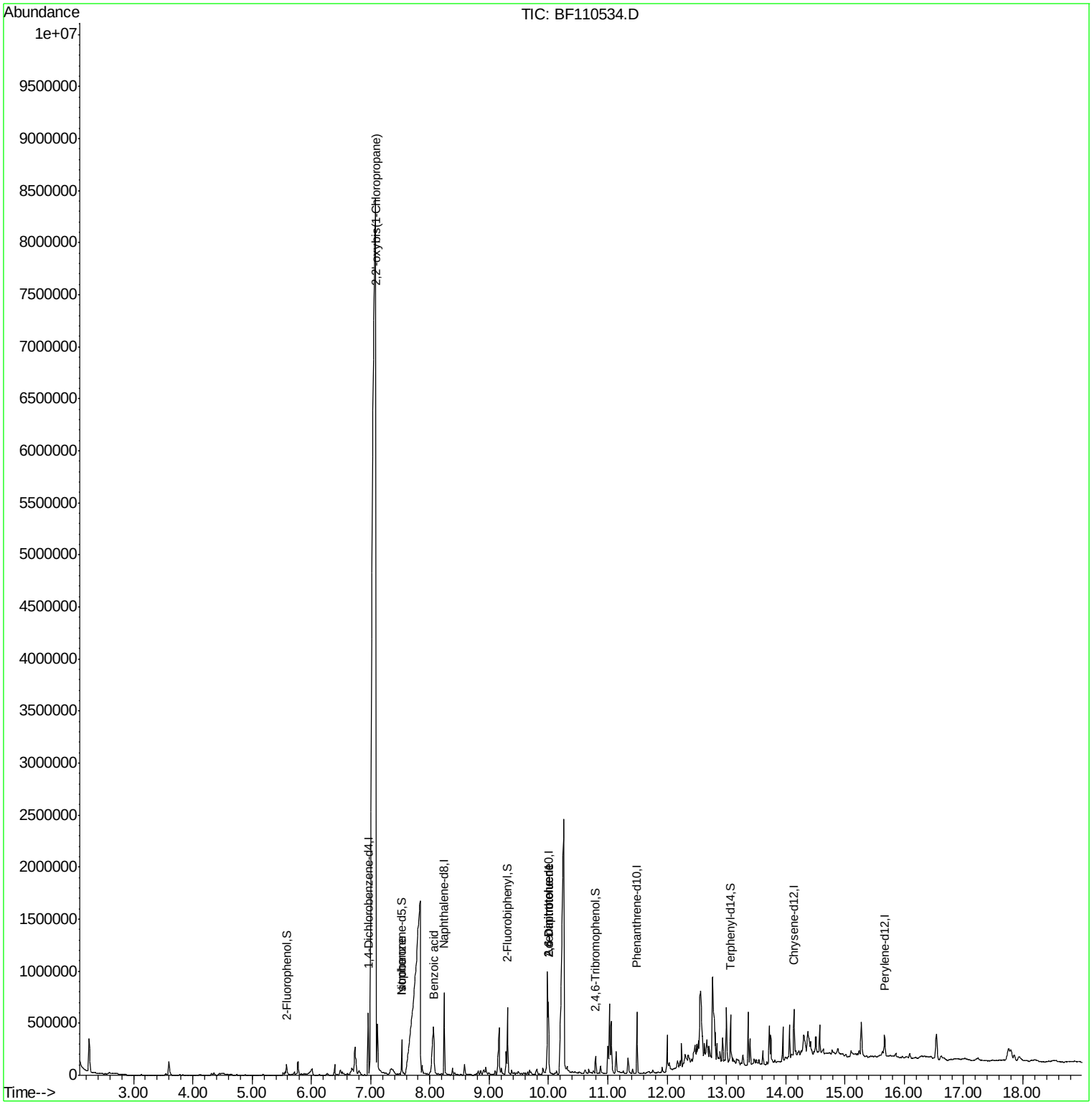
(#) = qualifier out of range (m) = manual integration (+) = signals summed

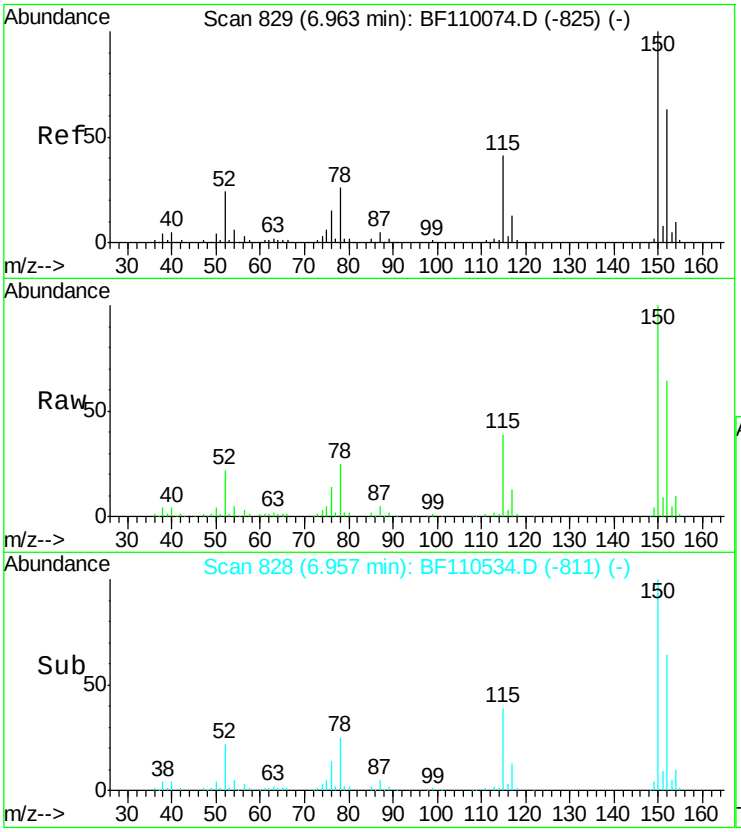
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110618\
Data File : BF110534.D
Acq On : 6 Nov 2018 23:55
Operator : JU/SJ
Sample : J5818-01 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Nov 07 08:46:42 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



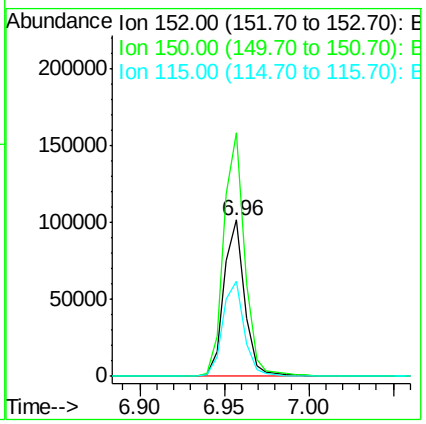


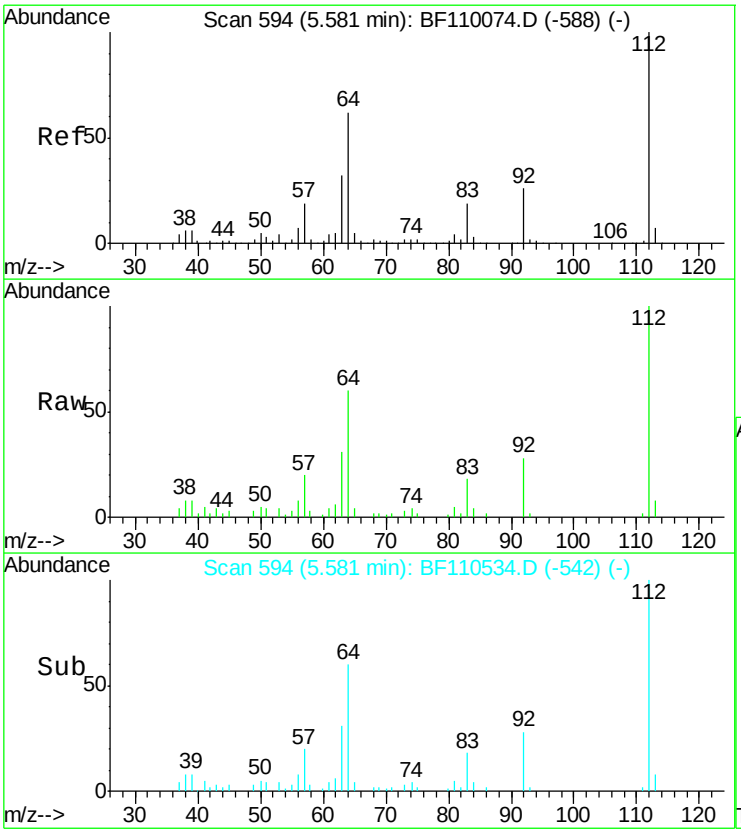
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.96 min Scan# 828
Delta R.T. 0.00 min
Lab File: BF110534.D
Acq: 6 Nov 2018 23:55

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 86406

Ion	Ratio	Lower	Upper
152	100		
150	156.1	122.7	184.1
115	61.3	49.1	73.7

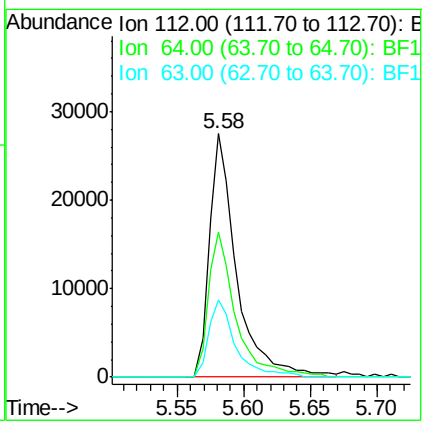


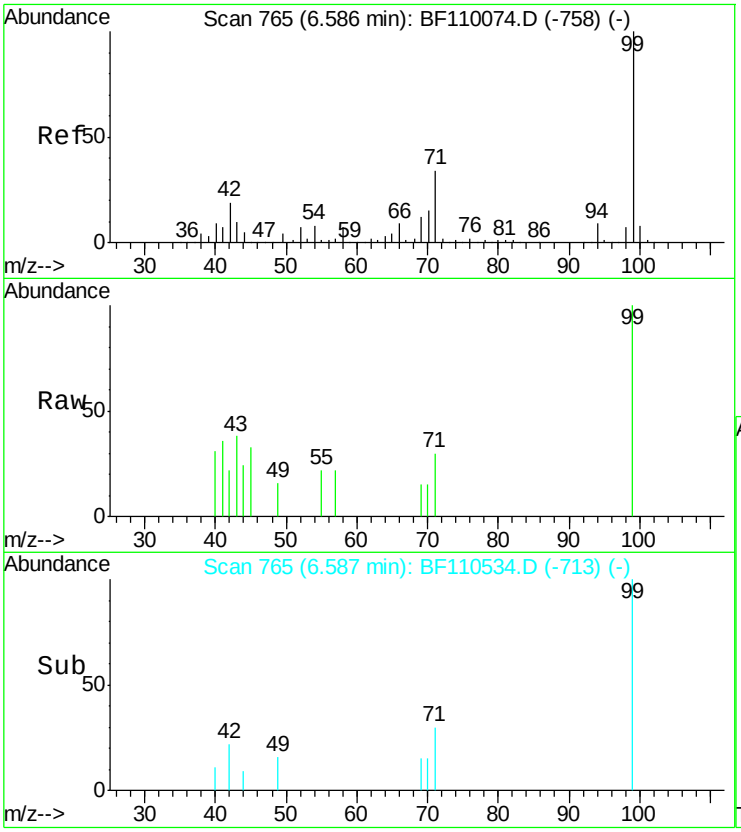


#5
2-Fluorophenol
Concen: 7.43 ng
RT: 5.58 min Scan# 594
Delta R.T. 0.01 min
Lab File: BF110534.D
Acq: 6 Nov 2018 23:55

Tgt Ion:112 Resp: 39437

Ion	Ratio	Lower	Upper
112	100		
64	59.6	44.1	66.1
63	31.5	23.7	35.5



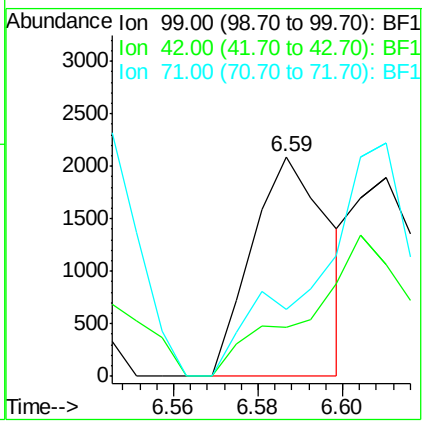


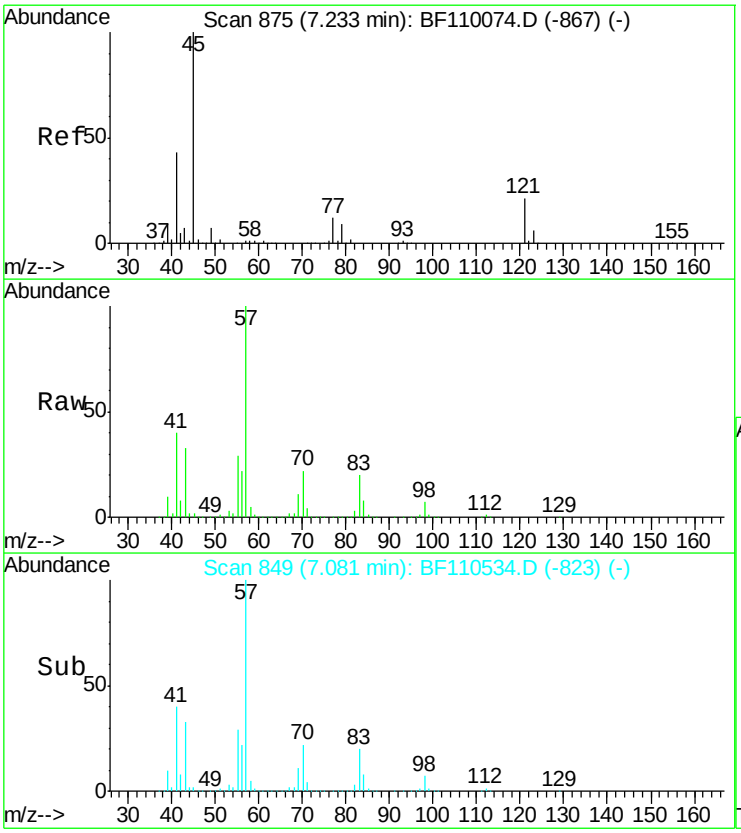
#7
Phenol-d6
Concen: 0.39 ng
RT: 6.59 min Scan# 765
Delta R.T. 0.01 min
Lab File: BF110534.D
Acq: 6 Nov 2018 23:55

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 2646

Ion	Ratio	Lower	Upper
99	100		
42	22.1	15.8	23.6
71	30.3	28.0	42.0

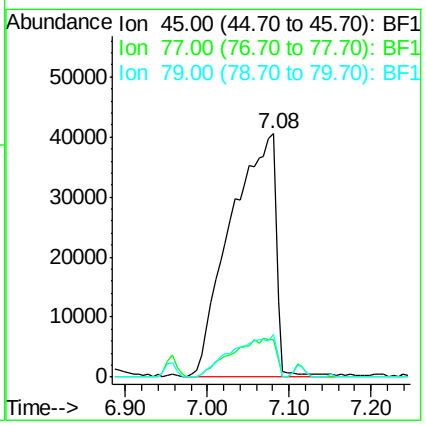


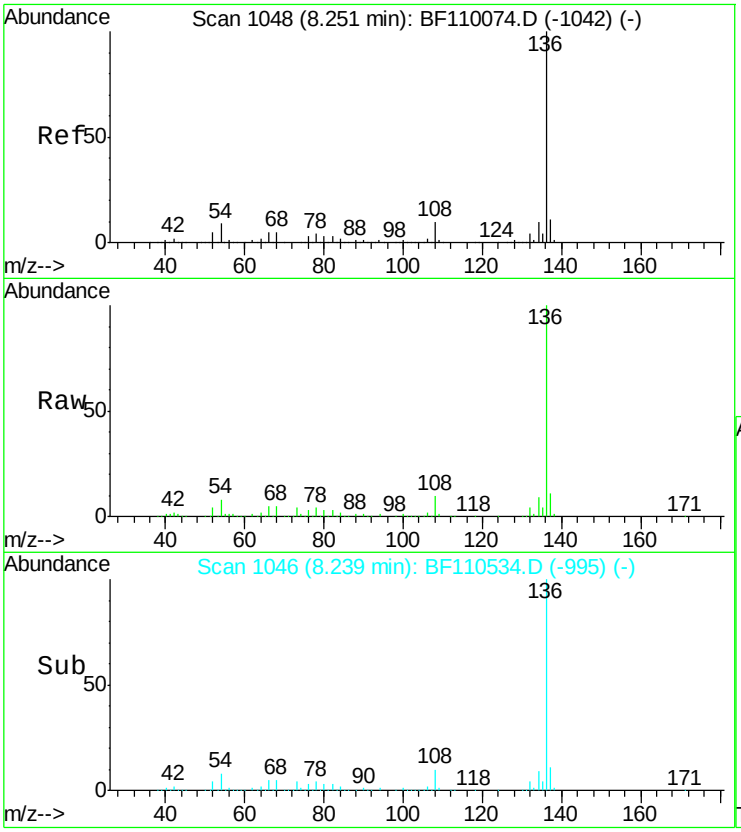


#16
2,2'-oxybis(1-Chloropropane)
Concen: 16.41 ng
RT: 7.08 min Scan# 849
Delta R.T. -0.15 min
Lab File: BF110534.D
Acq: 6 Nov 2018 23:55

Tgt Ion: 45 Resp: 156586

Ion	Ratio	Lower	Upper
45	100		
77	15.4	10.0	50.0
79	17.4	6.1	46.1



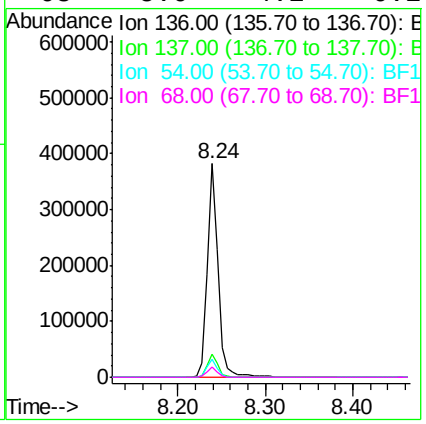


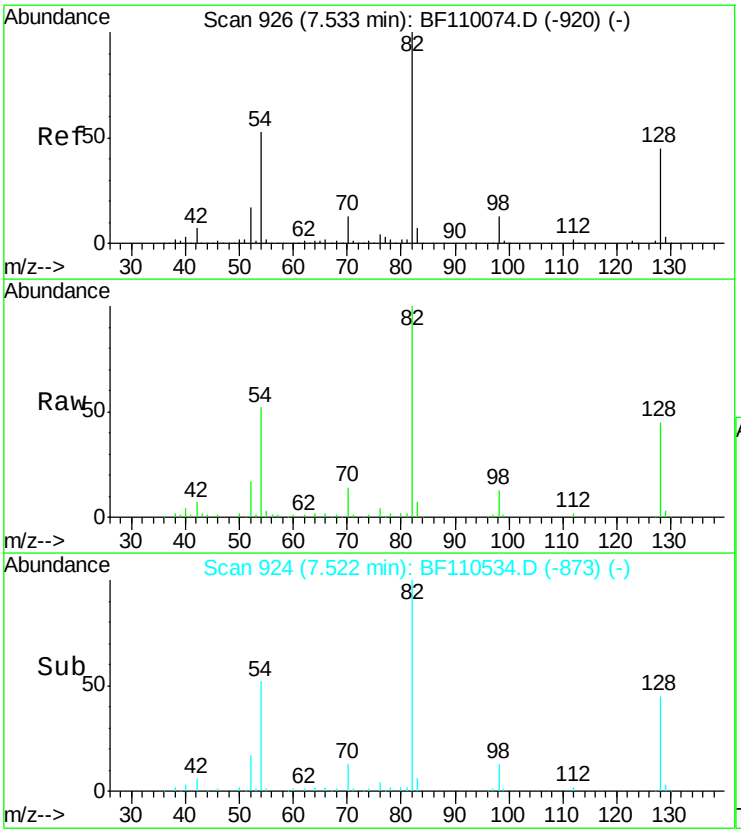
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.24 min Scan# 1046
Delta R.T. 0.00 min
Lab File: BF110534.D
Acq: 6 Nov 2018 23:55

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 328077

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	8.1	5.4	8.2
68	5.0	4.2	6.2

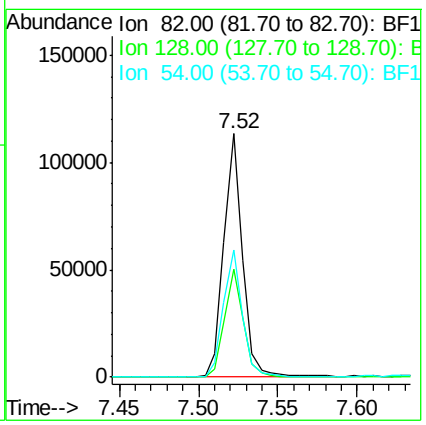


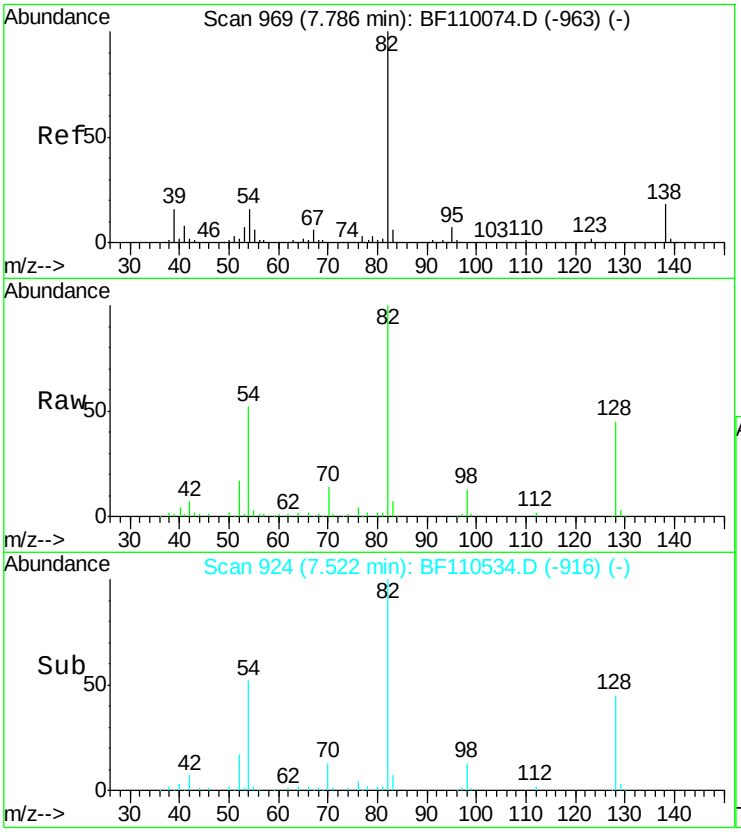


#23
Nitrobenzene-d5
Concen: 16.90 ng
RT: 7.52 min Scan# 924
Delta R.T. 0.00 min
Lab File: BF110534.D
Acq: 6 Nov 2018 23:55

Tgt Ion: 82 Resp: 93461

Ion	Ratio	Lower	Upper
82	100		
128	44.6	34.2	51.2
54	52.3	38.6	58.0



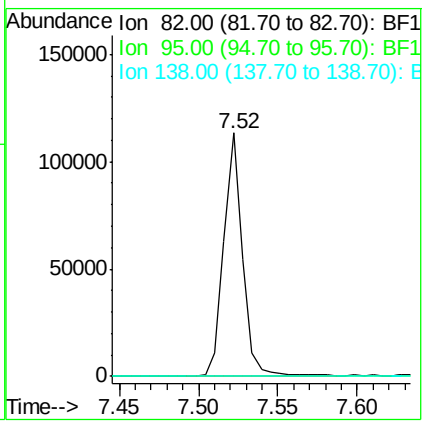


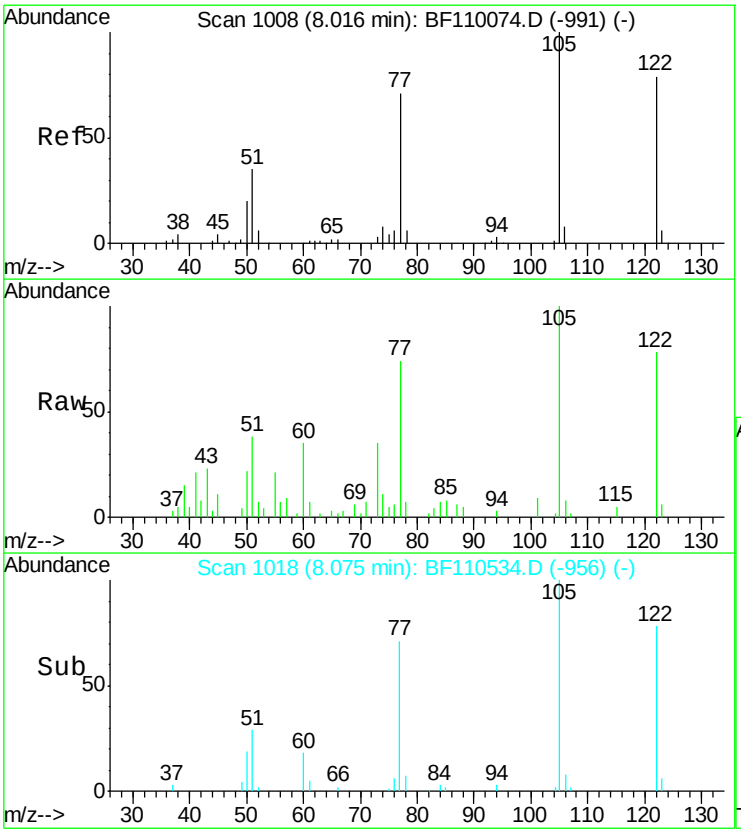
#25
Isophorone
Concen: 9.91 ng
RT: 7.52 min Scan# 924
Delta R.T. -0.25 min
Lab File: BF110534.D
Acq: 6 Nov 2018 23:55

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 93461

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

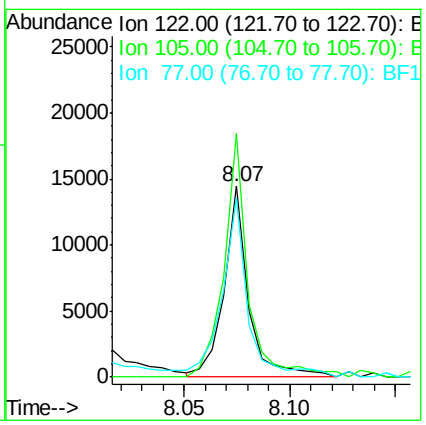


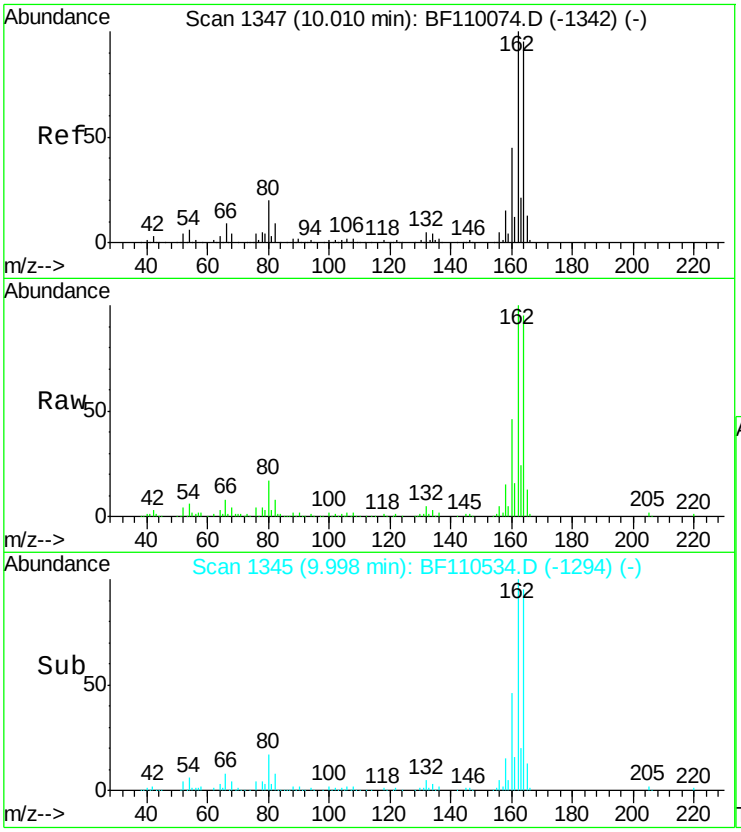


#32
Benzoic acid
Concen: 3.29 ng
RT: 8.07 min Scan# 1018
Delta R.T. 0.06 min
Lab File: BF110534.D
Acq: 6 Nov 2018 23:55

Tgt Ion:122 Resp: 11460

Ion	Ratio	Lower	Upper
122	100		
105	127.5	109.0	149.0
77	93.8	79.0	119.0



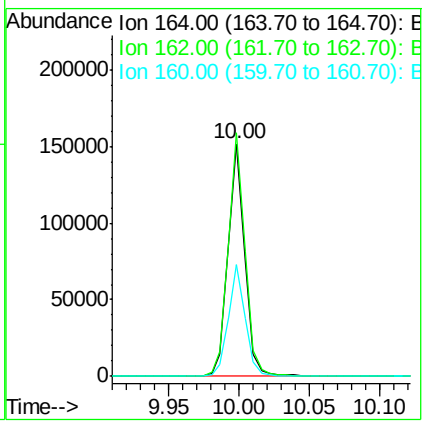


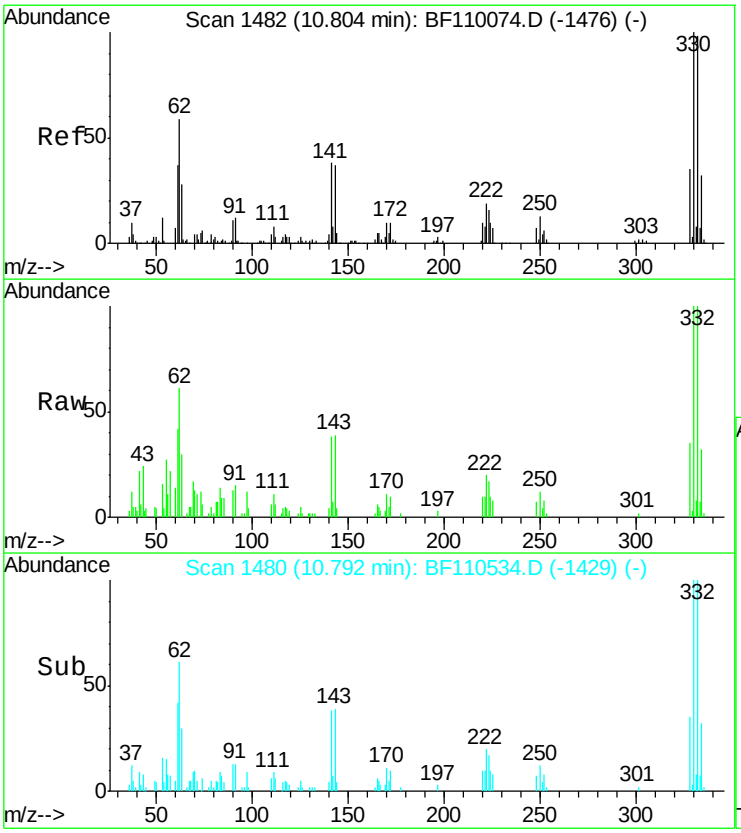
#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.00 min Scan# 1345
Delta R.T. 0.00 min
Lab File: BF110534.D
Acq: 6 Nov 2018 23:55

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 124826

Ion	Ratio	Lower	Upper
164	100		
162	104.8	83.0	124.6
160	47.9	37.0	55.6

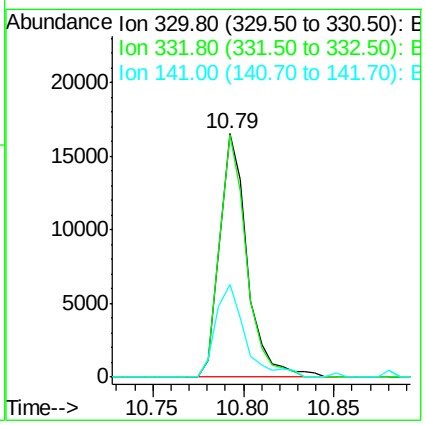


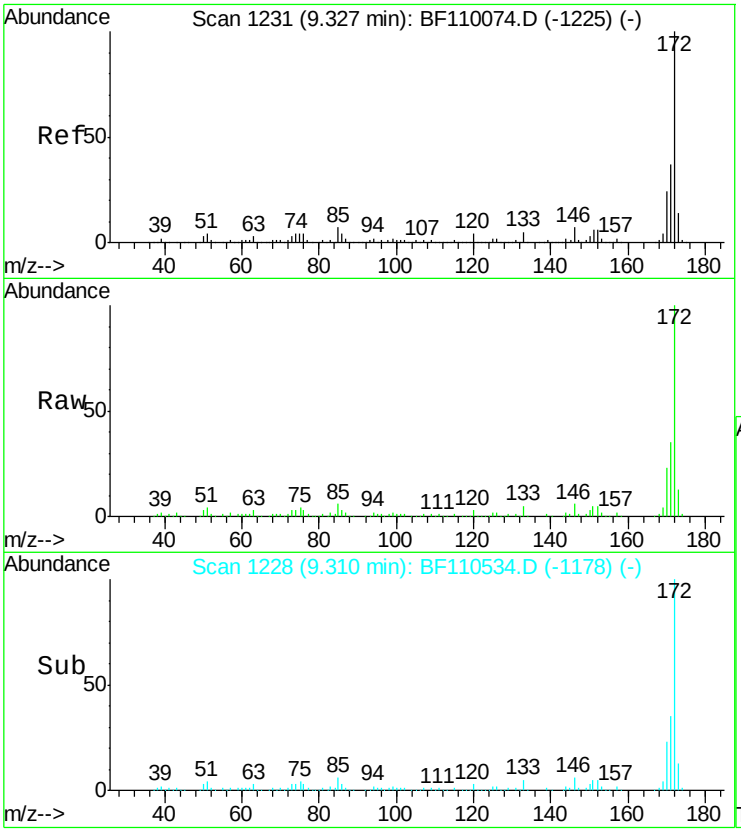


#42
2,4,6-Tribromophenol
Concen: 14.19 ng
RT: 10.79 min Scan# 1480
Delta R.T. 0.00 min
Lab File: BF110534.D
Acq: 6 Nov 2018 23:55

Tgt Ion:330 Resp: 17544

Ion	Ratio	Lower	Upper
330	100		
332	95.9	77.1	115.7
141	40.5	27.0	40.4#



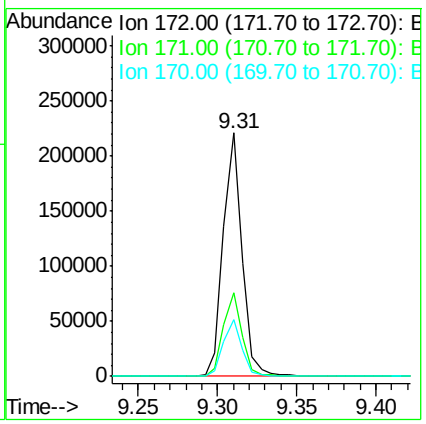


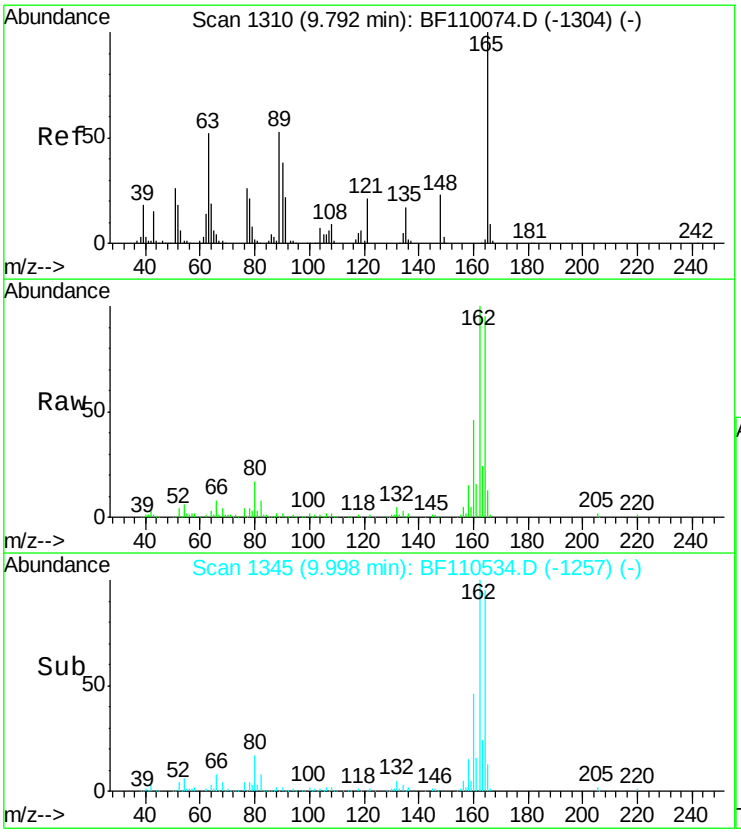
#45
2-Fluorobiphenyl
Concen: 22.96 ng
RT: 9.31 min Scan# 1228
Delta R.T. -0.01 min
Lab File: BF110534.D
Acq: 6 Nov 2018 23:55

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 182543

Ion	Ratio	Lower	Upper
172	100		
171	34.5	28.6	43.0
170	23.2	19.7	29.5

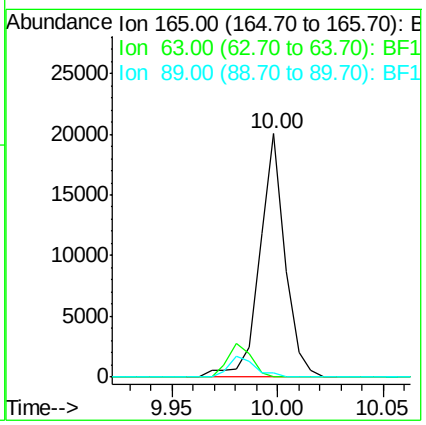


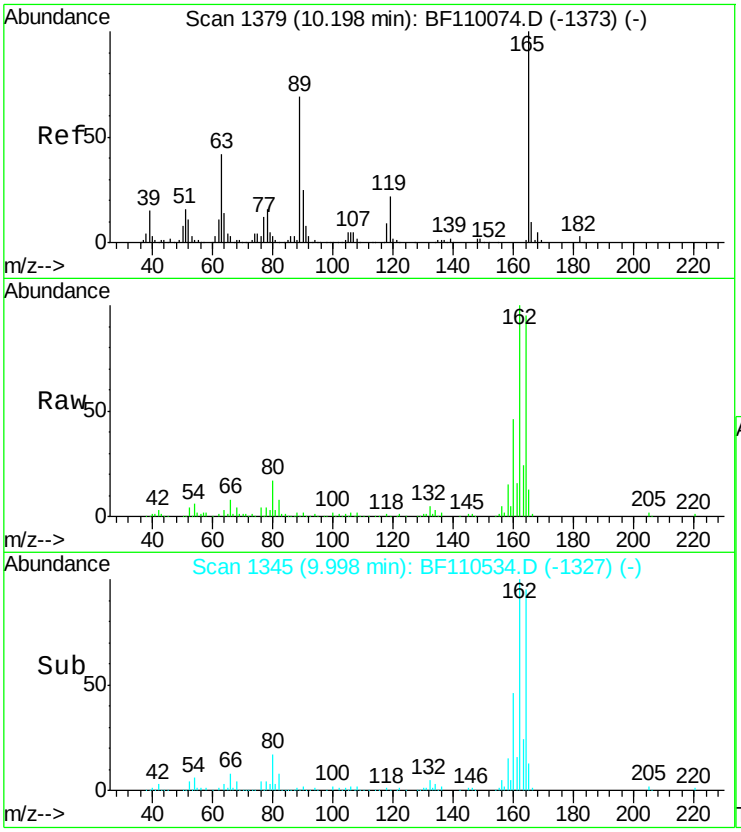


#51
2,6-Dinitrotoluene
Concen: 8.43 ng
RT: 10.00 min Scan# 1345
Delta R.T. 0.22 min
Lab File: BF110534.D
Acq: 6 Nov 2018 23:55

Tgt Ion:165 Resp: 16741

Ion	Ratio	Lower	Upper
165	100		
63	0.0	48.9	73.3#
89	1.6	46.6	69.8#



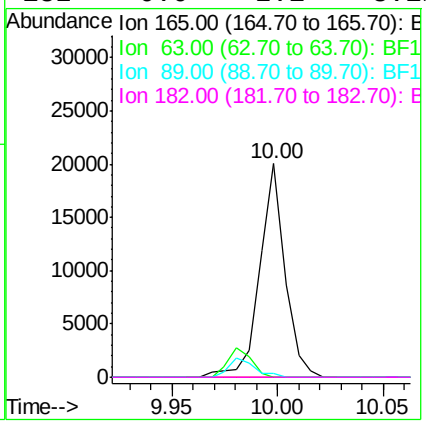


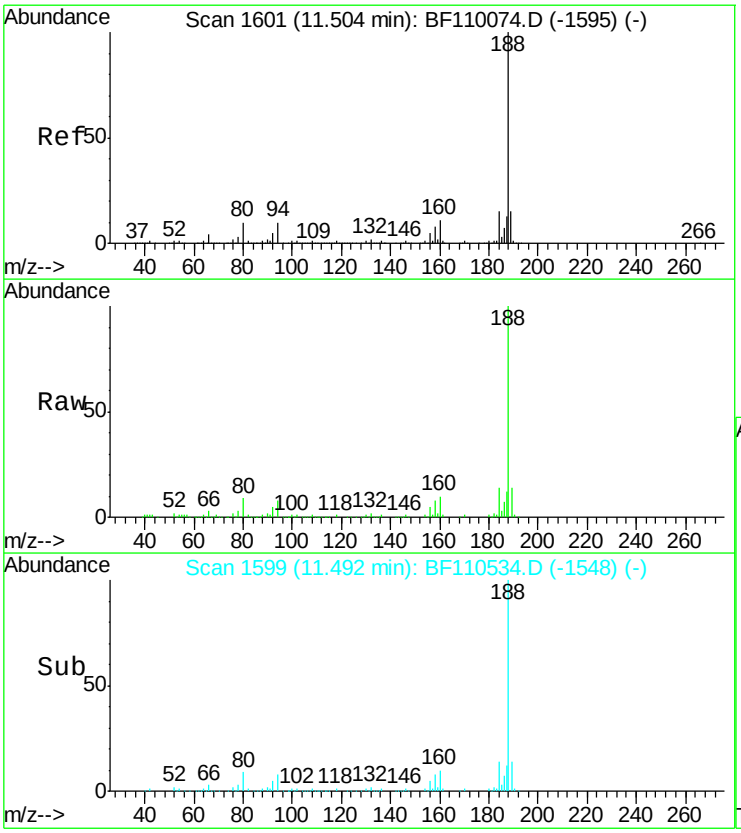
#57
2,4-Dinitrotoluene
Concen: 6.64 ng
RT: 10.00 min Scan# 1345
Delta R.T. -0.19 min
Lab File: BF110534.D
Acq: 6 Nov 2018 23:55

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 16741

Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.8	67.2#
89	1.6	62.2	93.4#
182	0.0	2.1	3.1#

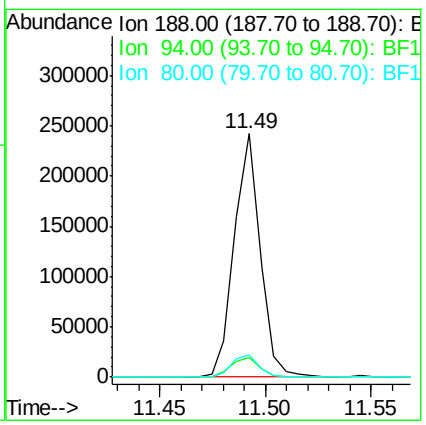


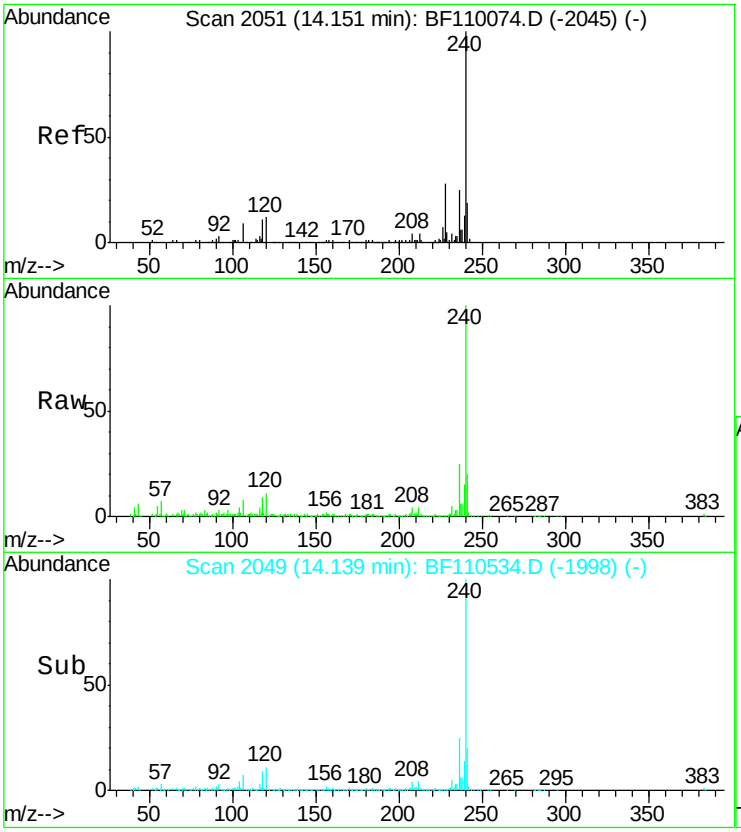


#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.49 min Scan# 1599
Delta R.T. 0.00 min
Lab File: BF110534.D
Acq: 6 Nov 2018 23:55

Tgt Ion:188 Resp: 204902

Ion	Ratio	Lower	Upper
188	100		
94	7.9	7.2	10.8
80	9.1	7.9	11.9



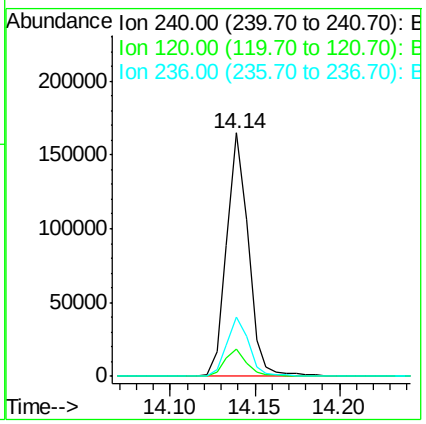


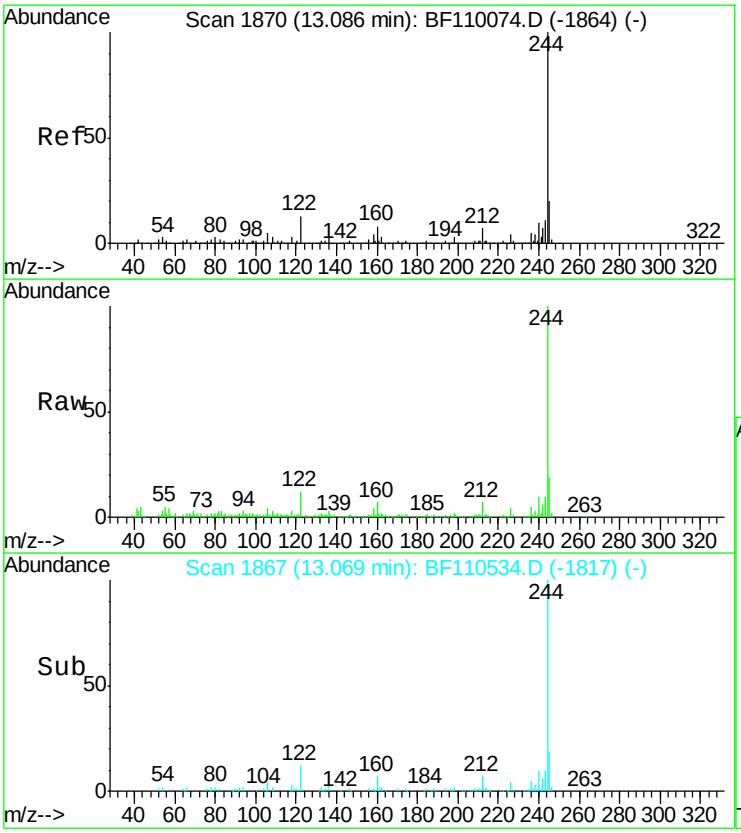
#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.14 min Scan# 2049
Delta R.T. 0.00 min
Lab File: BF110534.D
Acq: 6 Nov 2018 23:55

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 147653

Ion	Ratio	Lower	Upper
240	100		
120	11.2	8.3	12.5
236	24.6	21.2	31.8

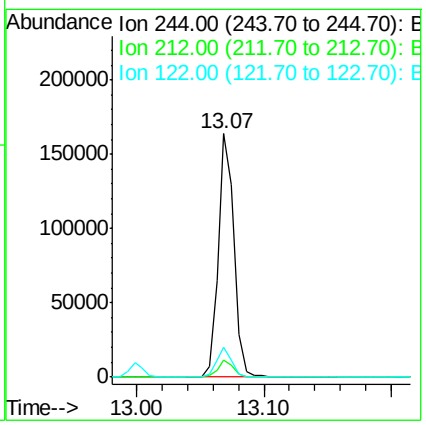


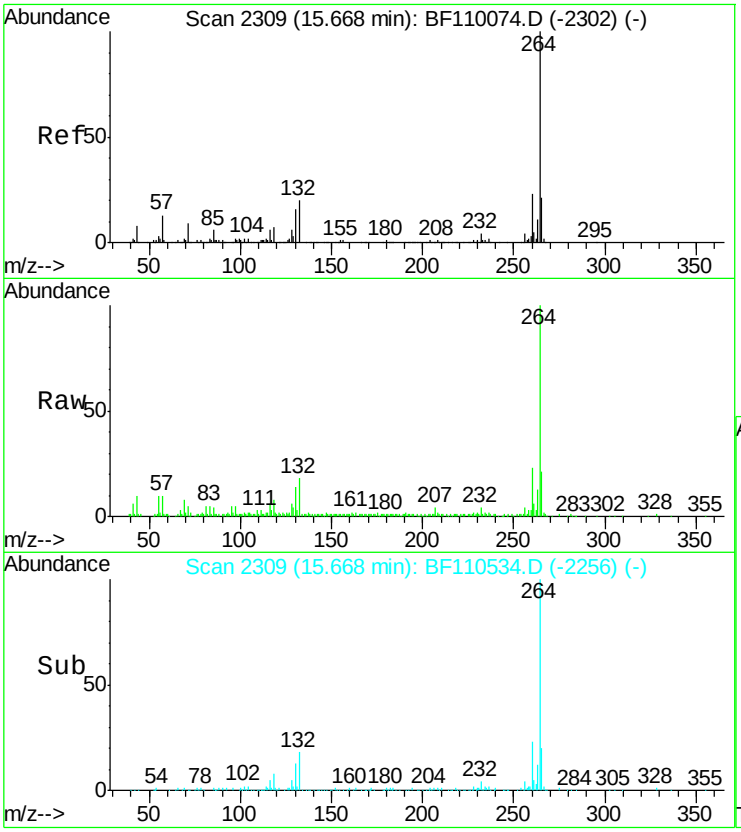


#79
Terphenyl-d14
Concen: 20.04 ng
RT: 13.07 min Scan# 1867
Delta R.T. -0.01 min
Lab File: BF110534.D
Acq: 6 Nov 2018 23:55

Tgt Ion:244 Resp: 142269

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.8	8.8
122	12.1	8.7	13.1





#87
Perylene-d12
Concen: 20.00 ng
RT: 15.67 min Scan# 2309
Delta R.T. 0.01 min
Lab File: BF110534.D
Acq: 6 Nov 2018 23:55

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 109188

Ion	Ratio	Lower	Upper
264	100		
260	23.0	18.7	28.1
265	20.7	16.7	25.1