Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110518\
Data File : BF110498.D
Acq On : 6 Nov 2018 7:10
Operator : JU/SJ
Sample : J5810-10
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Nov 06 09:40:00 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	101940	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	397077	20.00	ng	0.00
39) Acenaphthene-d10	9.99	164	168395	20.00	ng	0.00
64) Phenanthrene-d10	11.49	188	246828	20.00	ng	0.00
76) Chrysene-d12	14.13	240	169254	20.00	ng	0.00
87) Perylene-d12	15.66	264	130372	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	280231	44.77	ng	0.00
7) Phenol-d6	6.57	99	221532	27.67	ng	-0.01
23) Nitrobenzene-d5	7.52	82	745667	111.38	ng	0.00
42) 2,4,6-Tribromophenol	10.79	330	141916	85.08	ng	0.00
45) 2-Fluorobiphenyl	9.32	172	1316910	122.80	ng	0.00
79) Terphenyl-d14	13.07	244	845473	103.89	ng	0.00
Target Compounds						Qvalue
10) Phenol	6.59	94	29549	3.452	ng	# 67
15) Benzyl Alcohol	7.11	79	12397	2.013	ng	# 56
19) n-Nitroso-di-n-propylamine	7.52	70	99784	19.425	ng	# 81
25) Isophorone	7.52	82	745663	65.342	ng	# 67
50) Dimethylphthalate	9.70	163	49017	3.943	ng	99
51) 2,6-Dinitrotoluene	9.99	165	19978	7.461	ng	# 22
57) 2,4-Dinitrotoluene	9.99	165	19978	5.874	ng	# 18
67) 4-Bromophenyl-phenylether	10.79	248	9233	3.449	ng	# 1

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110518\
Data File : BF110498.D
Acq On : 6 Nov 2018 7:10
Operator : JU/SJ
Sample : J5810-10
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Nov 06 09:40:00 2018
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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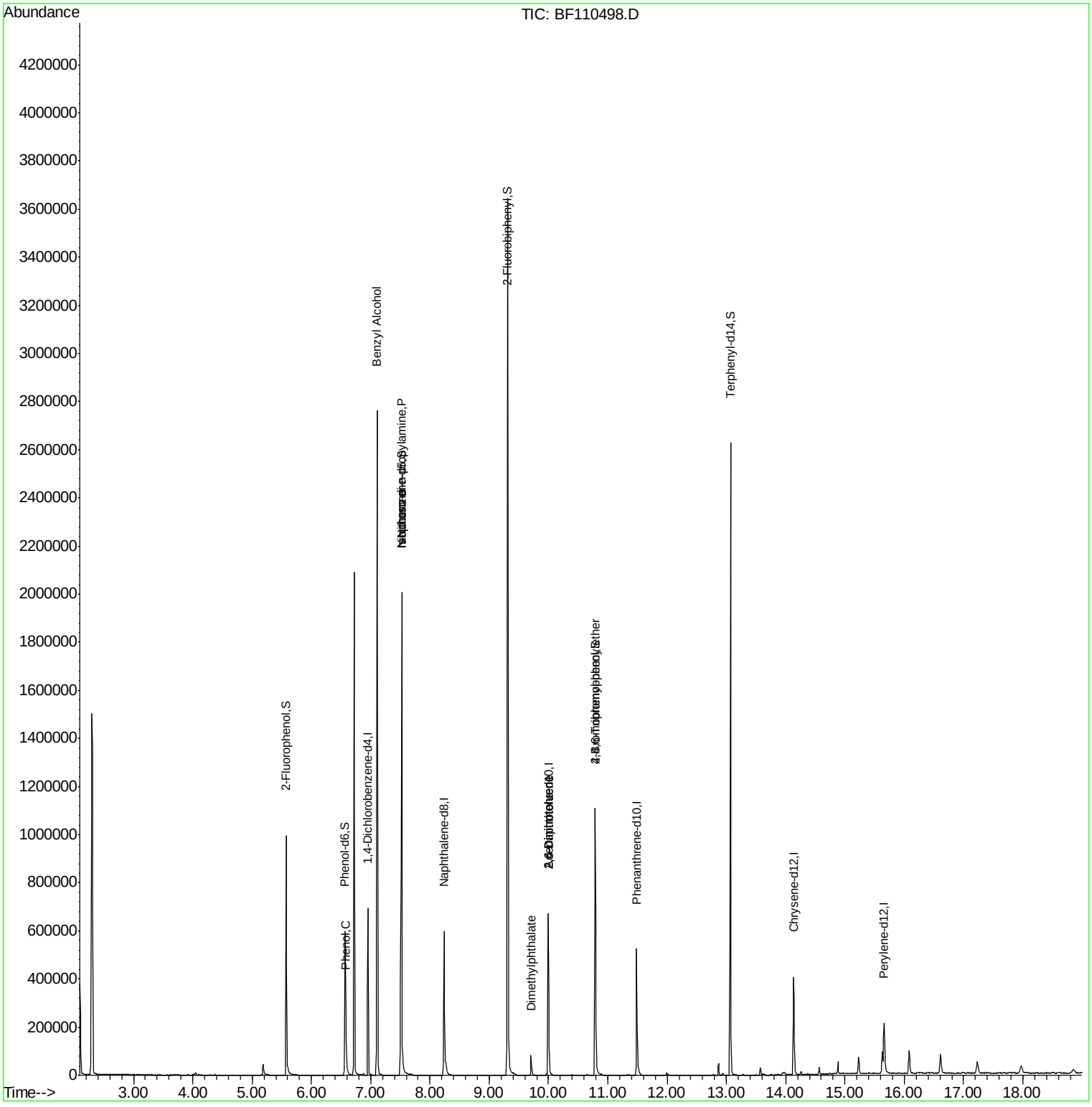
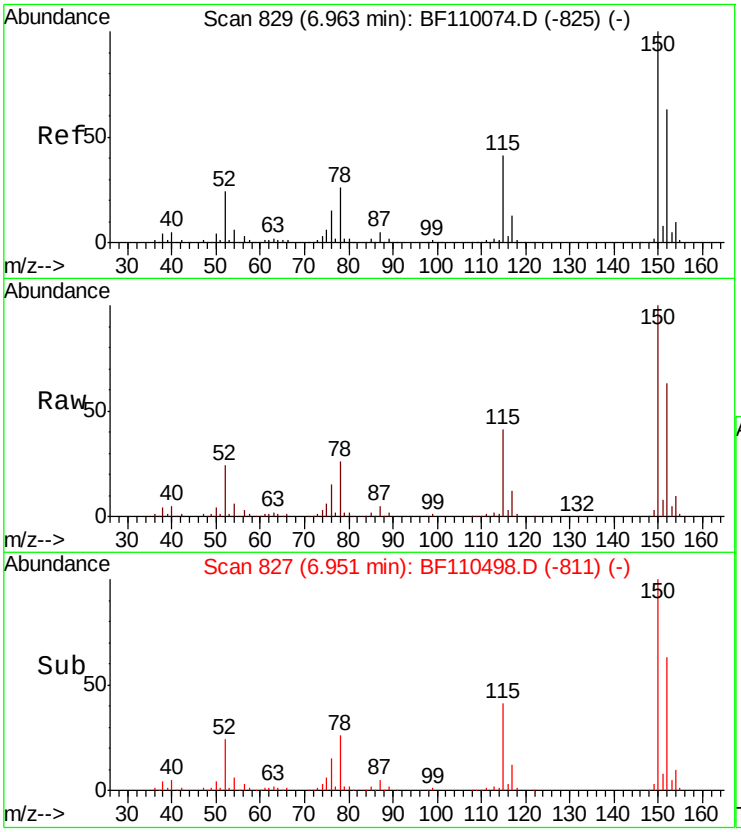
Response via : Initial Calibration



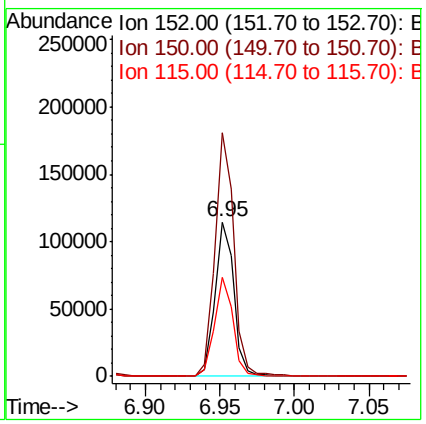


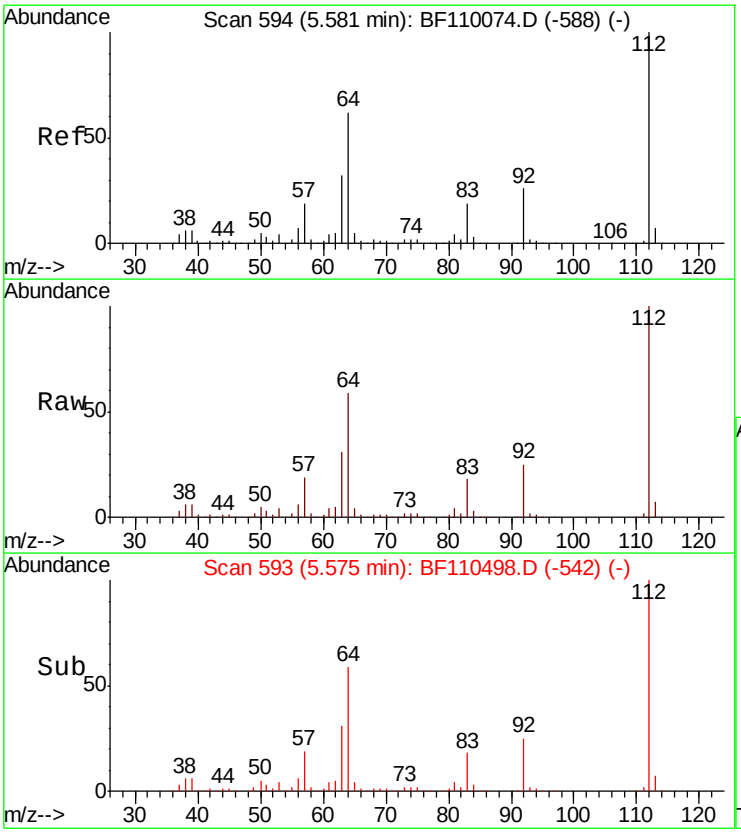
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 827
Delta R.T. -0.01 min
Lab File: BF110498.D
Acq: 6 Nov 2018 7:10

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 101940

Ion	Ratio	Lower	Upper
152	100		
150	158.1	122.7	184.1
115	64.6	49.1	73.7

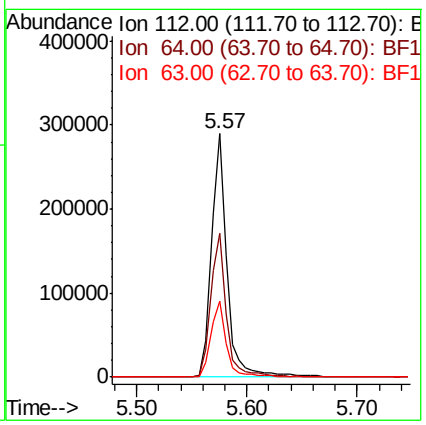


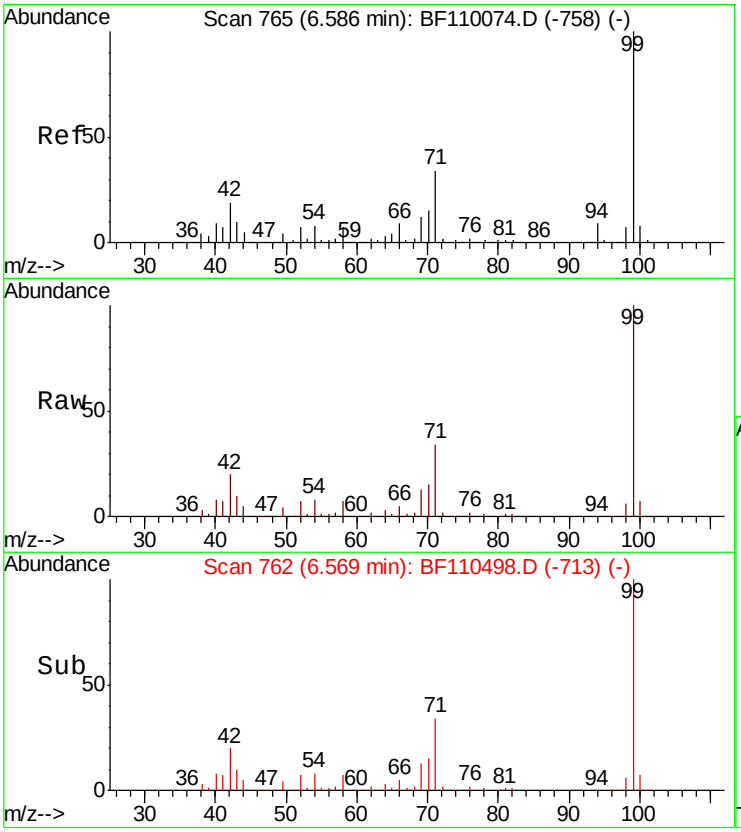


#5
2-Fluorophenol
Concen: 44.766 ng
RT: 5.57 min Scan# 593
Delta R.T. 0.00 min
Lab File: BF110498.D
Acq: 6 Nov 2018 7:10

Tgt Ion:112 Resp: 280231

Ion	Ratio	Lower	Upper
112	100		
64	59.2	44.1	66.1
63	31.3	23.7	35.5



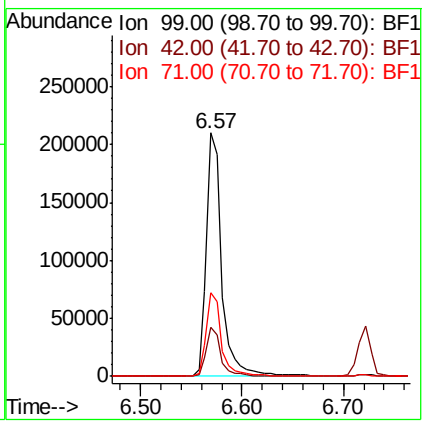


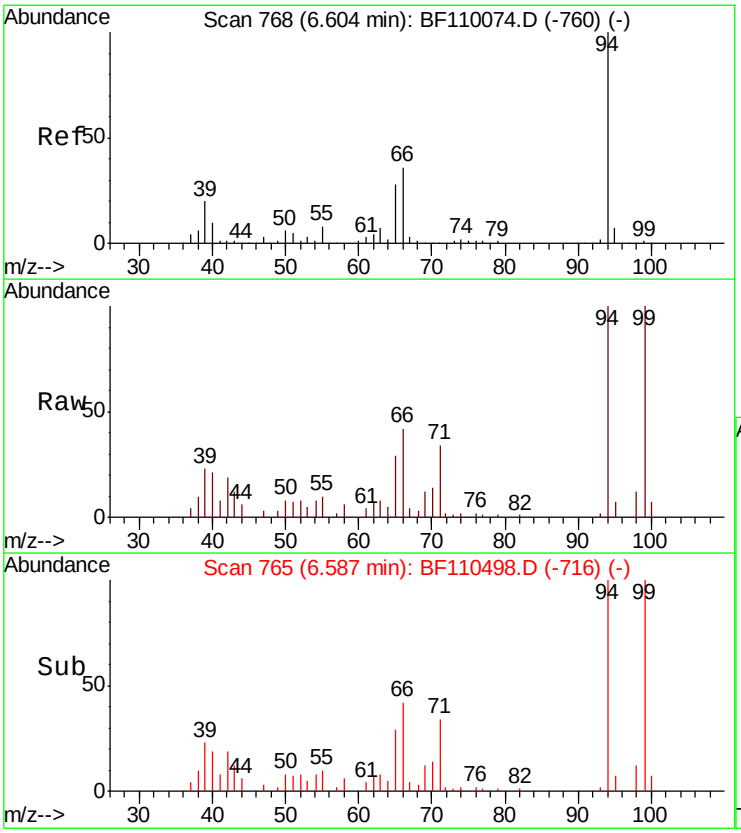
#7
Phenol-d6
Concen: 27.668 ng
RT: 6.57 min Scan# 762
Delta R.T. -0.01 min
Lab File: BF110498.D
Acq: 6 Nov 2018 7:10

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 221532

Ion	Ratio	Lower	Upper
99	100		
42	20.2	15.8	23.6
71	34.4	28.0	42.0

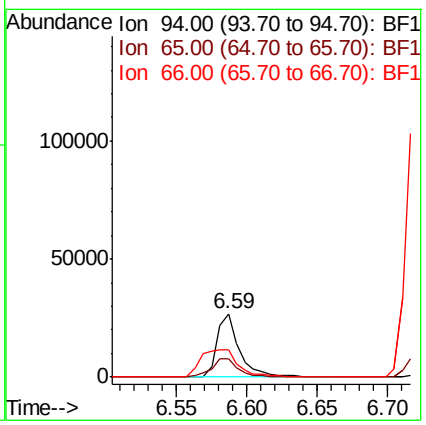


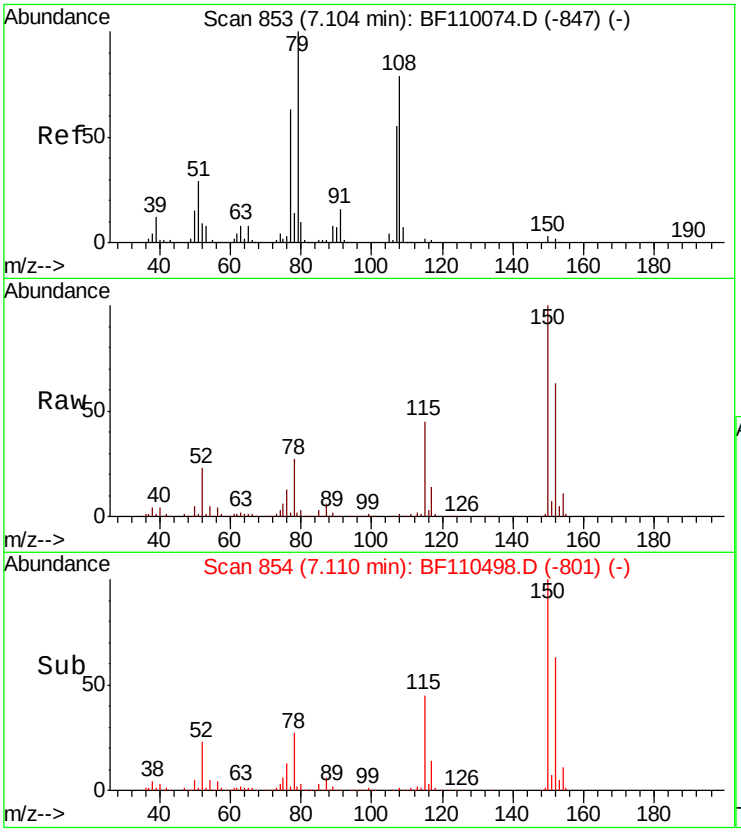


#10
Phenol
Concen: 3.452 ng
RT: 6.59 min Scan# 765
Delta R.T. -0.01 min
Lab File: BF110498.D
Acq: 6 Nov 2018 7:10

Tgt Ion: 94 Resp: 29549

Ion	Ratio	Lower	Upper
94	100		
65	29.3	25.3	65.3
66	42.4	54.5	94.5#



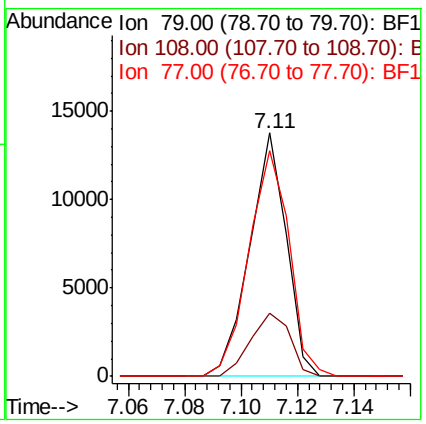


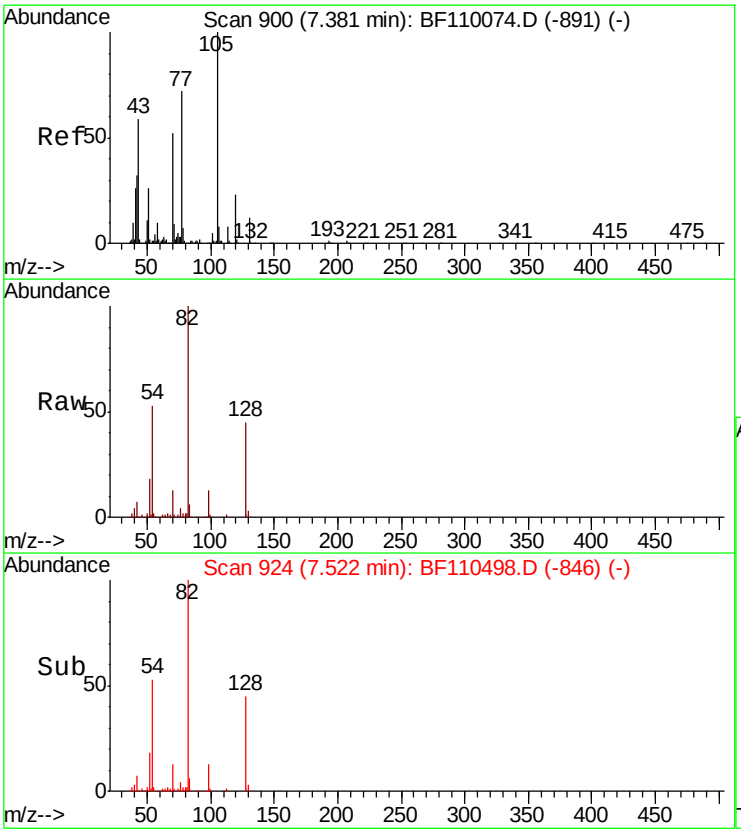
#15
Benzyl Alcohol
Concen: 2.013 ng
RT: 7.11 min Scan# 854
Delta R.T. 0.01 min
Lab File: BF110498.D
Acq: 6 Nov 2018 7:10

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 79 Resp: 12397

Ion	Ratio	Lower	Upper
79	100		
108	25.8	56.3	84.5#
77	92.9	52.9	79.3#

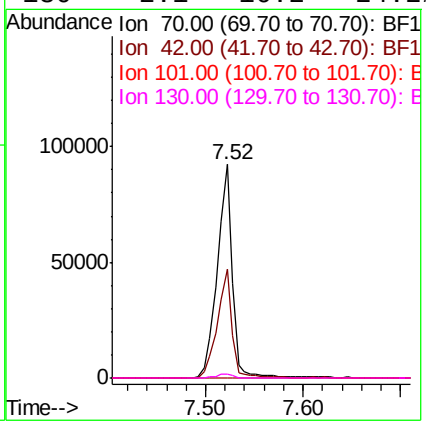


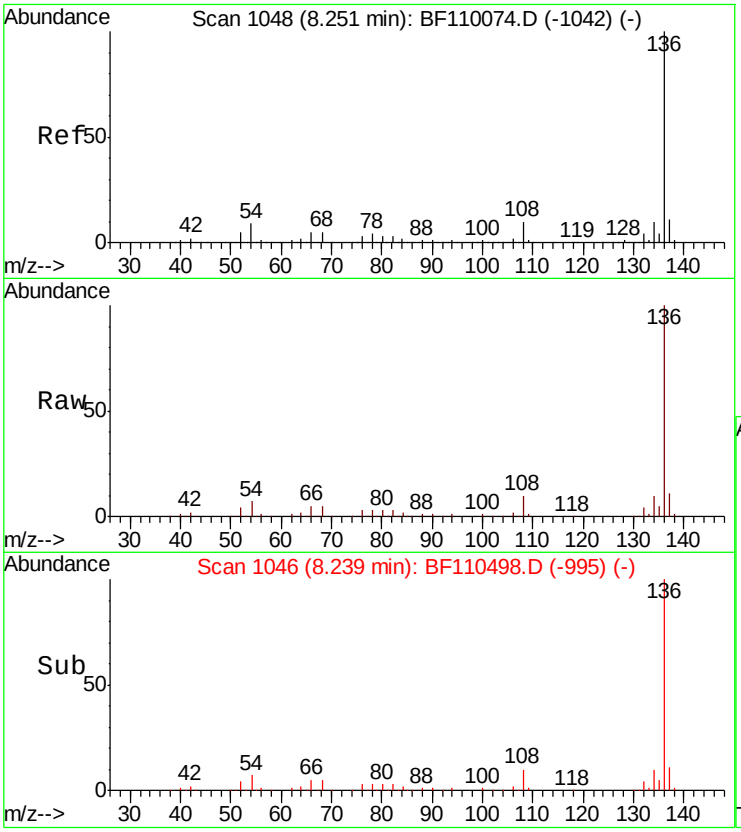


#19
n-Nitroso-di-n-propylamine
Concen: 19.425 ng
RT: 7.52 min Scan# 924
Delta R.T. 0.16 min
Lab File: BF110498.D
Acq: 6 Nov 2018 7:10

Tgt Ion: 70 Resp: 99784

Ion	Ratio	Lower	Upper
70	100		
42	50.7	47.4	71.2
101	0.0	7.3	10.9#
130	2.1	16.2	24.2#



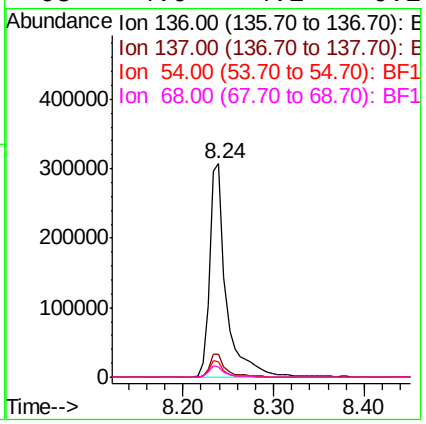


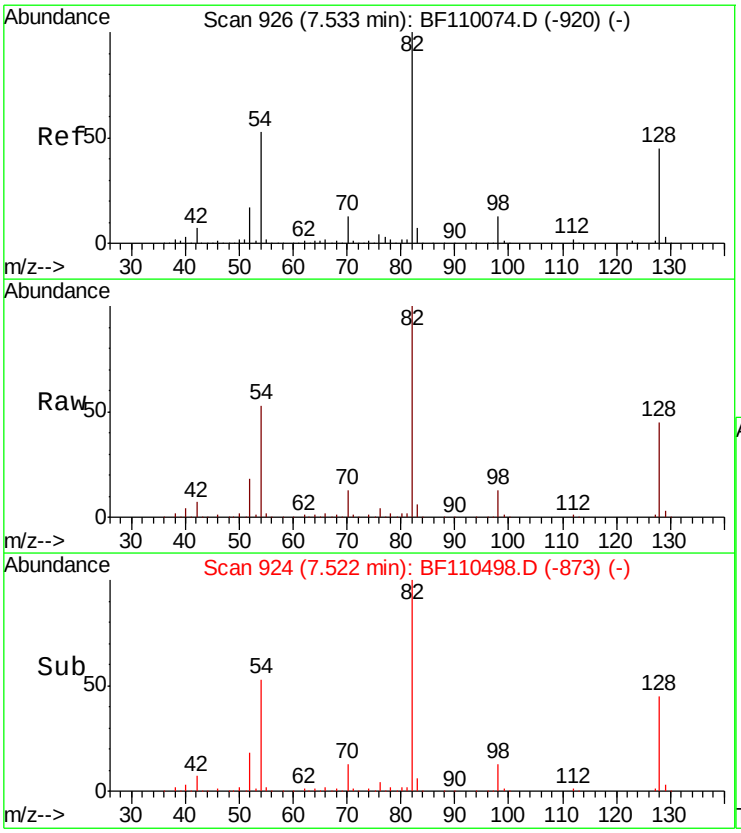
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1046
Delta R.T. 0.00 min
Lab File: BF110498.D
Acq: 6 Nov 2018 7:10

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 397077

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	7.4	5.4	8.2
68	4.9	4.2	6.2

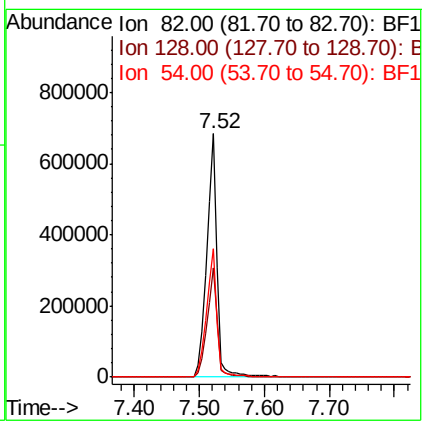


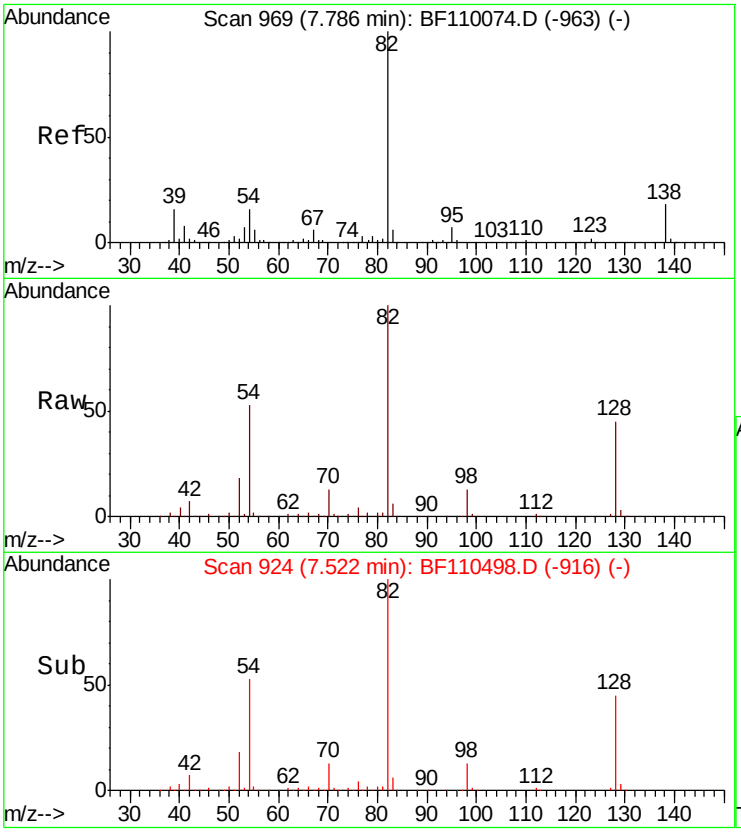


#23
Nitrobenzene-d5
Concen: 111.384 ng
RT: 7.52 min Scan# 924
Delta R.T. 0.00 min
Lab File: BF110498.D
Acq: 6 Nov 2018 7:10

Tgt Ion: 82 Resp: 745667

Ion	Ratio	Lower	Upper
82	100		
128	44.7	34.2	51.2
54	52.6	38.6	58.0



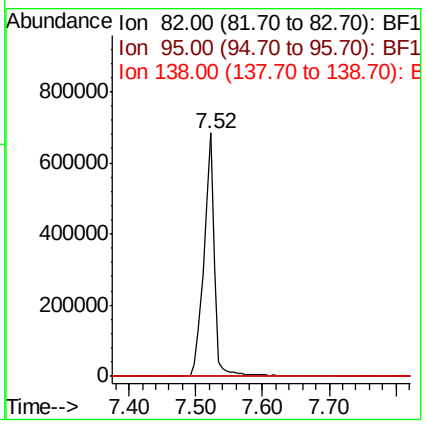


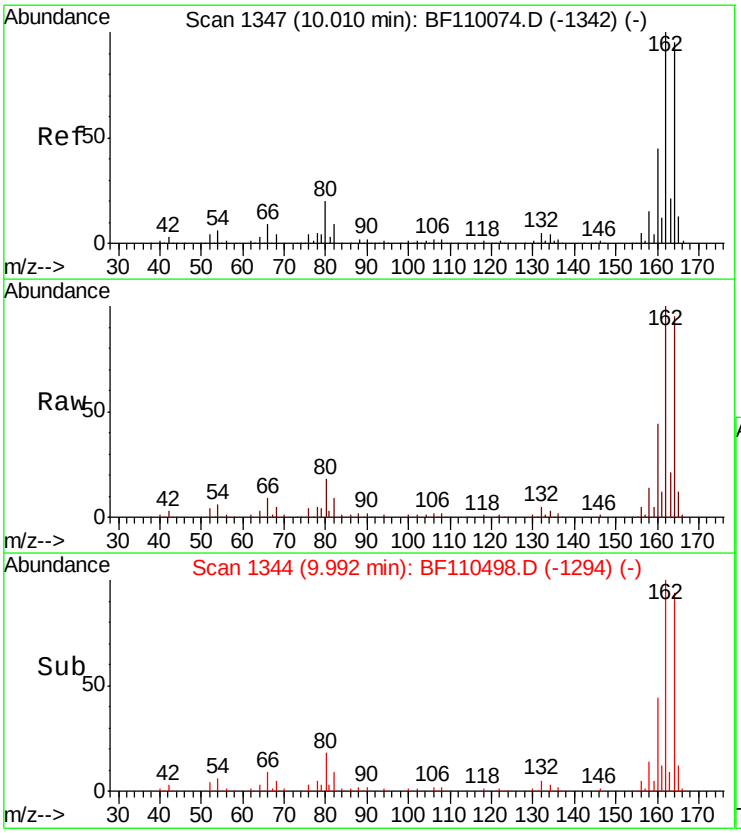
#25
Isophorone
Concen: 65.342 ng
RT: 7.52 min Scan# 924
Delta R.T. -0.25 min
Lab File: BF110498.D
Acq: 6 Nov 2018 7:10

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 745663

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

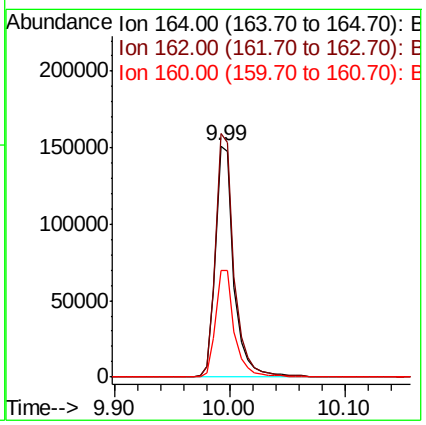


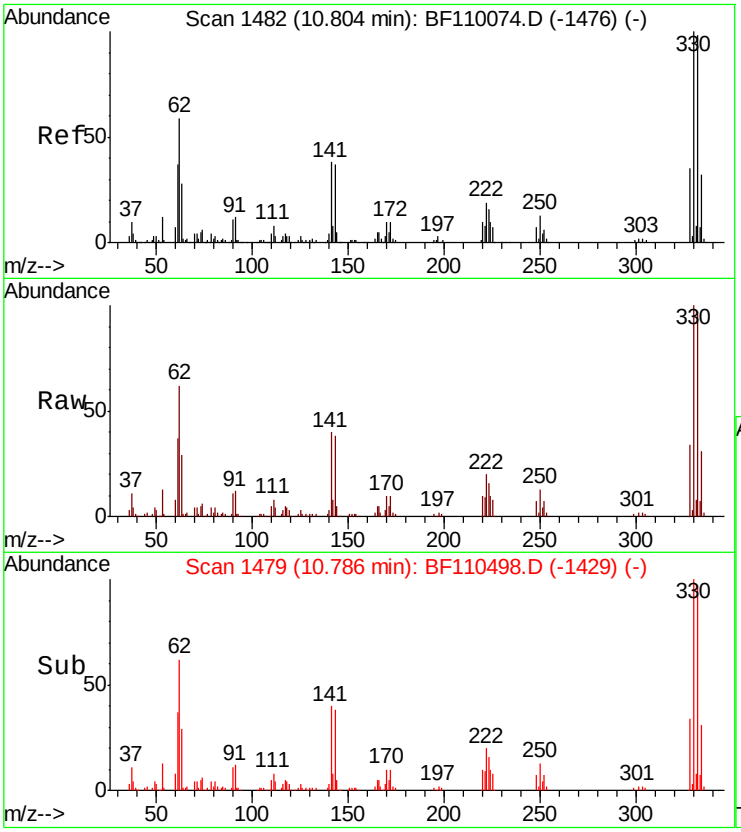


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.99 min Scan# 1344
Delta R.T. -0.01 min
Lab File: BF110498.D
Acq: 6 Nov 2018 7:10

Tgt Ion:164 Resp: 168395

Ion	Ratio	Lower	Upper
164	100		
162	105.4	83.0	124.6
160	46.4	37.0	55.6



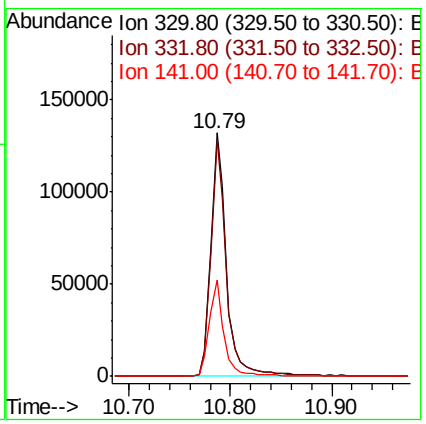


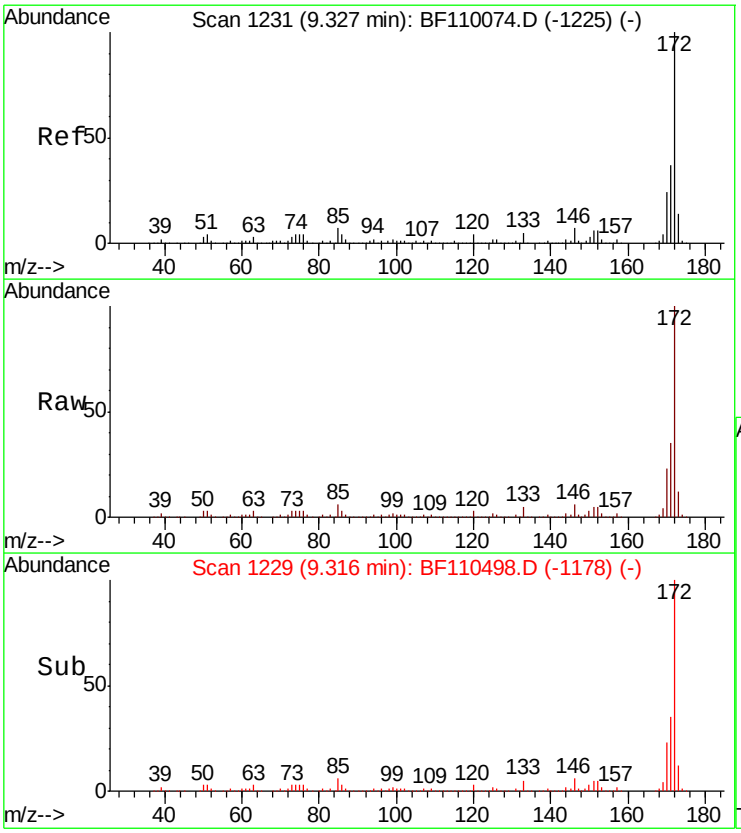
#42
2,4,6-Tribromophenol
Concen: 85.078 ng
RT: 10.79 min Scan# 1479
Delta R.T. -0.01 min
Lab File: BF110498.D
Acq: 6 Nov 2018 7:10

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 141916

Ion	Ratio	Lower	Upper
330	100		
332	96.2	77.1	115.7
141	37.5	27.0	40.4

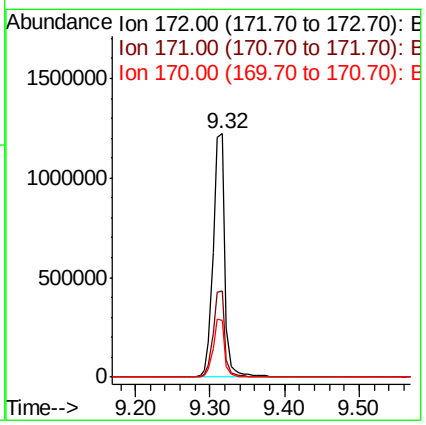


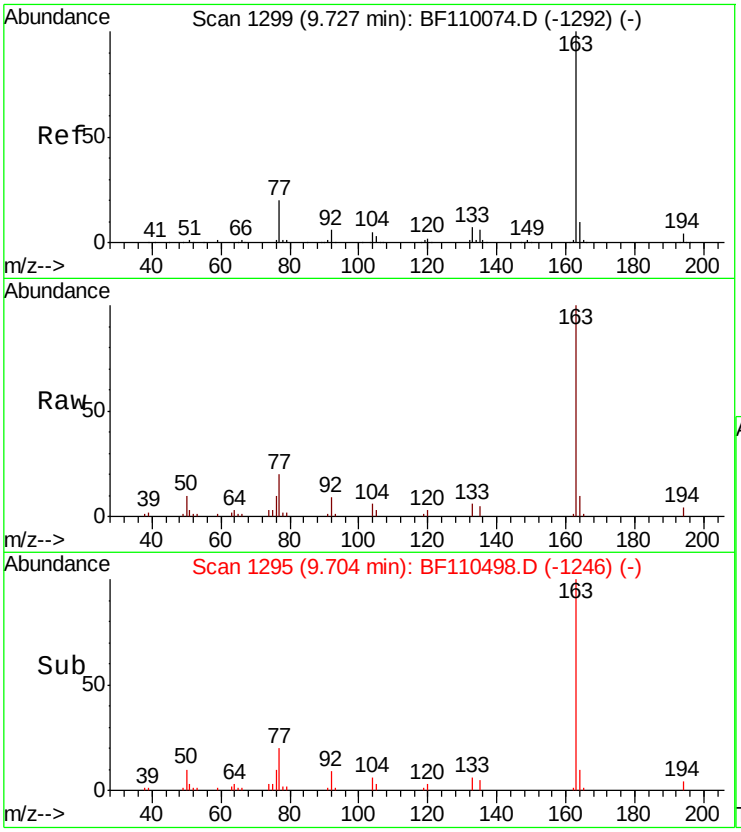


#45
2-Fluorobiphenyl
Concen: 122.800 ng
RT: 9.32 min Scan# 1229
Delta R.T. 0.00 min
Lab File: BF110498.D
Acq: 6 Nov 2018 7:10

Tgt Ion:172 Resp: 1316910

Ion	Ratio	Lower	Upper
172	100		
171	35.4	28.6	43.0
170	23.4	19.7	29.5



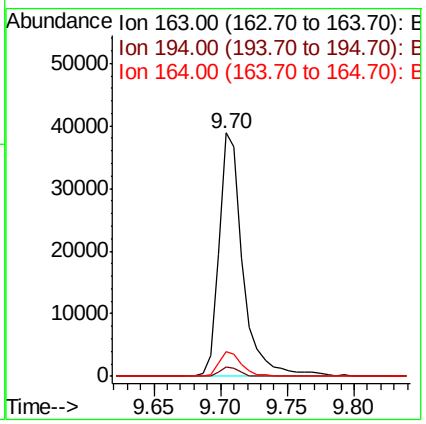


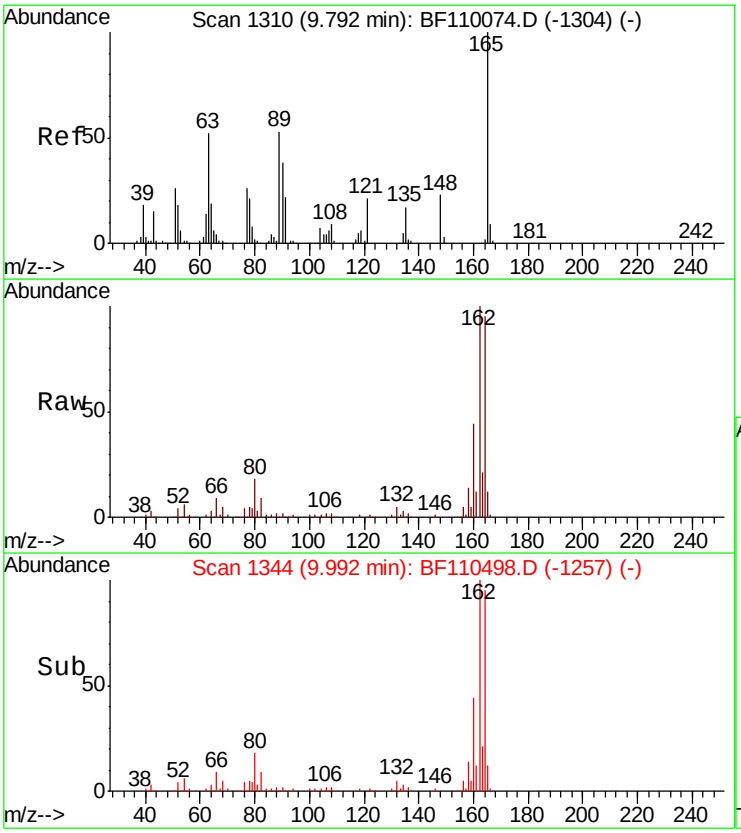
#50
Dimethylphthalate
Concen: 3.943 ng
RT: 9.70 min Scan# 1295
Delta R.T. -0.01 min
Lab File: BF110498.D
Acq: 6 Nov 2018 7:10

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:163 Resp: 49017

Ion	Ratio	Lower	Upper
163	100		
194	3.6	3.2	4.8
164	10.2	8.1	12.1

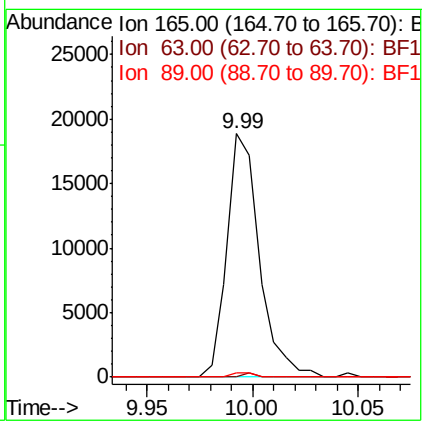


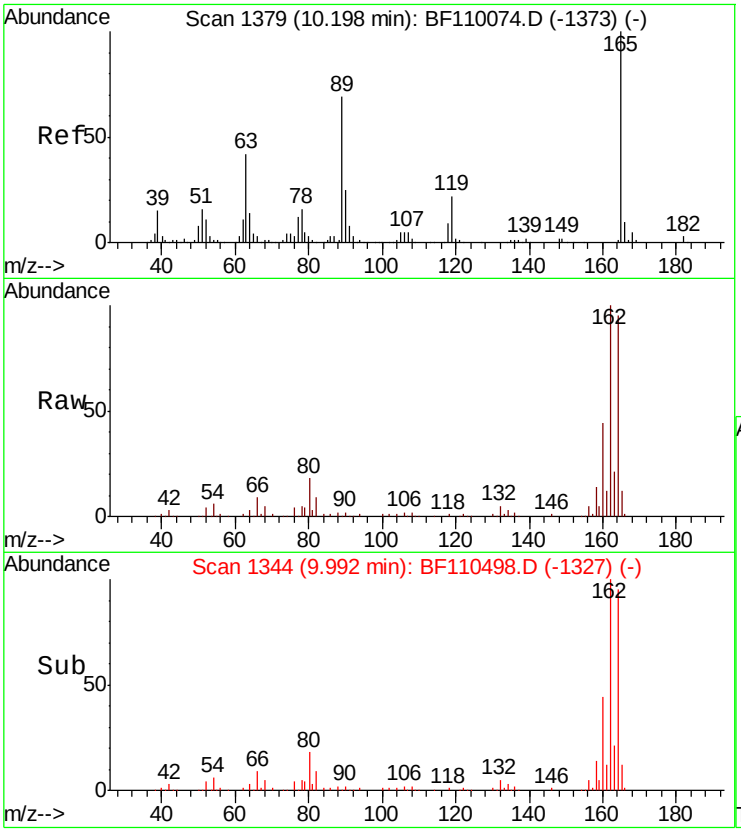


#51
2,6-Dinitrotoluene
Concen: 7.461 ng
RT: 9.99 min Scan# 1344
Delta R.T. 0.21 min
Lab File: BF110498.D
Acq: 6 Nov 2018 7:10

Tgt Ion:165 Resp: 19978

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



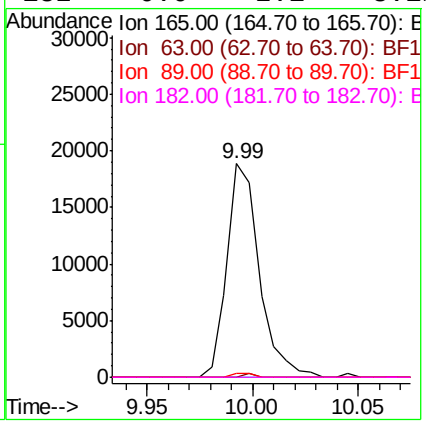


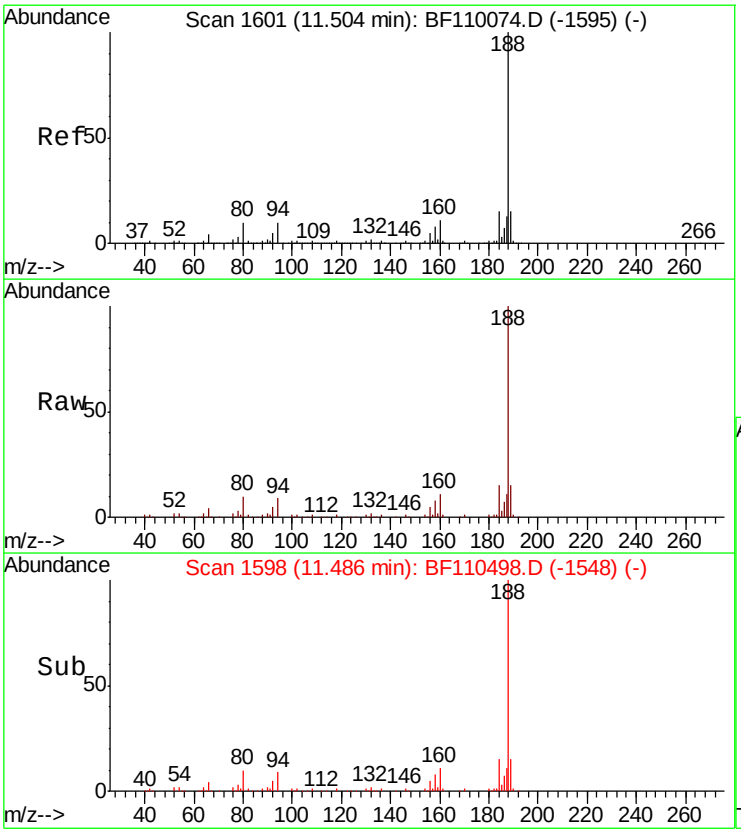
#57
2,4-Dinitrotoluene
Concen: 5.874 ng
RT: 9.99 min Scan# 1344
Delta R.T. -0.20 min
Lab File: BF110498.D
Acq: 6 Nov 2018 7:10

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 19978

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#

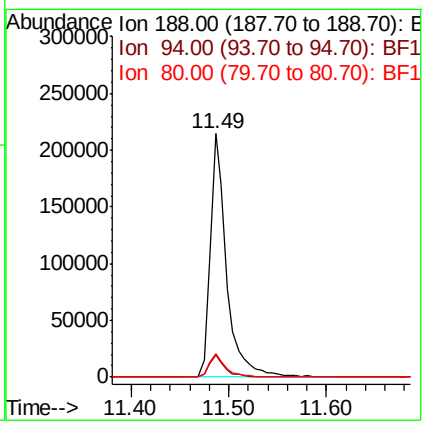


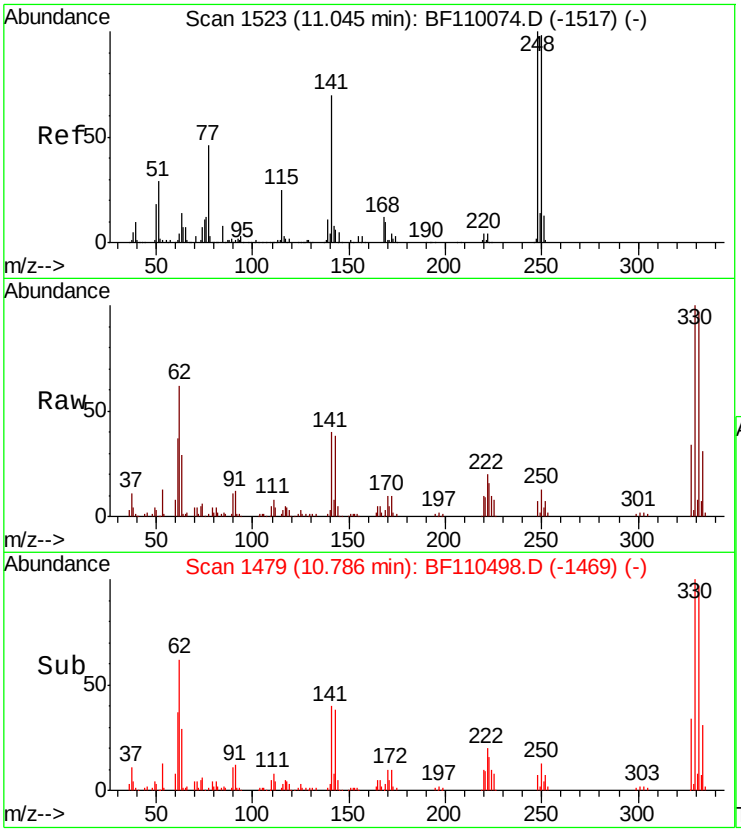


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.49 min Scan# 1598
Delta R.T. -0.01 min
Lab File: BF110498.D
Acq: 6 Nov 2018 7:10

Tgt Ion:188 Resp: 246828

Ion	Ratio	Lower	Upper
188	100		
94	9.3	7.2	10.8
80	9.8	7.9	11.9



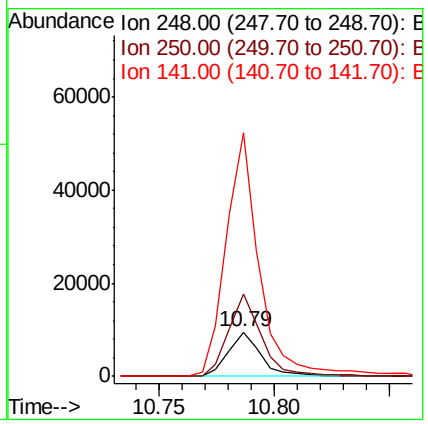


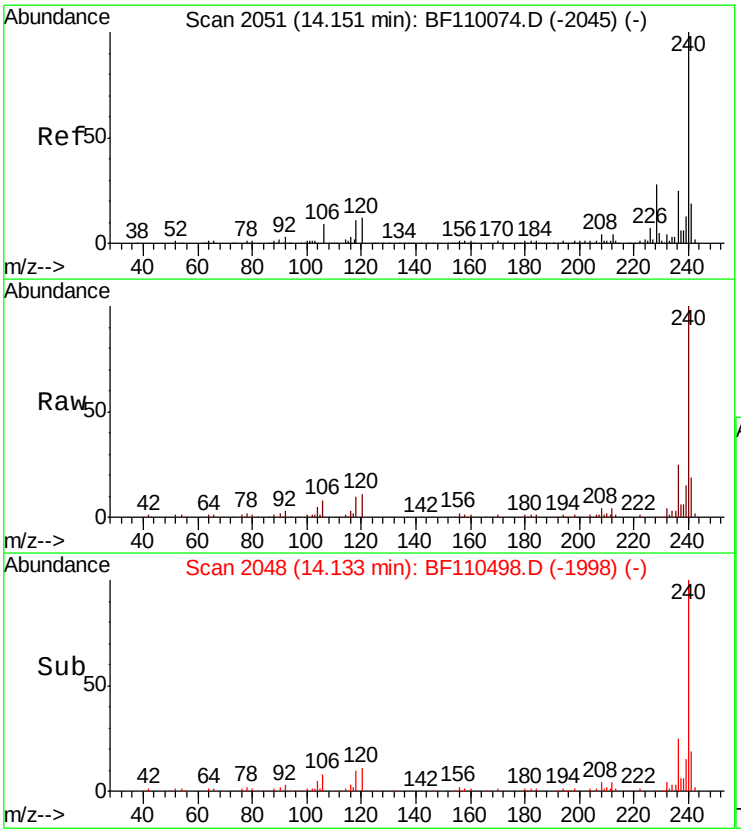
#67
4-Bromophenyl-phenylether
Concen: 3.449 ng
RT: 10.79 min Scan# 1479
Delta R.T. -0.24 min
Lab File: BF110498.D
Acq: 6 Nov 2018 7:10

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:248 Resp: 9233

Ion	Ratio	Lower	Upper
248	100		
250	188.6	79.4	119.2#
141	554.4	55.9	83.9#

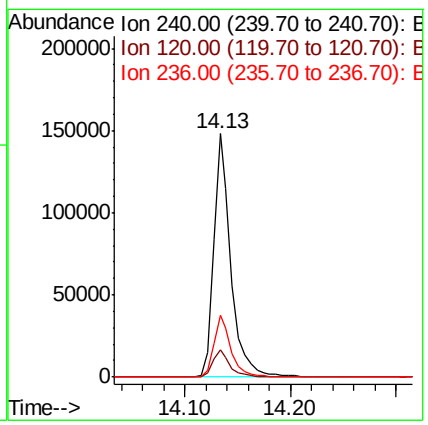


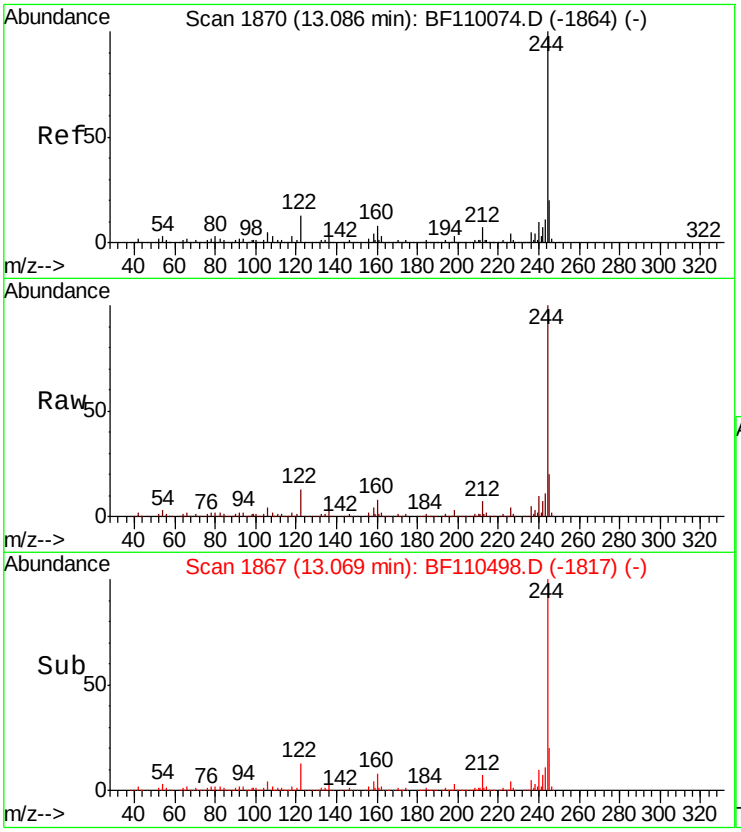


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.13 min Scan# 2048
Delta R.T. -0.01 min
Lab File: BF110498.D
Acq: 6 Nov 2018 7:10

Tgt Ion:240 Resp: 169254

Ion	Ratio	Lower	Upper
240	100		
120	11.5	8.3	12.5
236	25.2	21.2	31.8



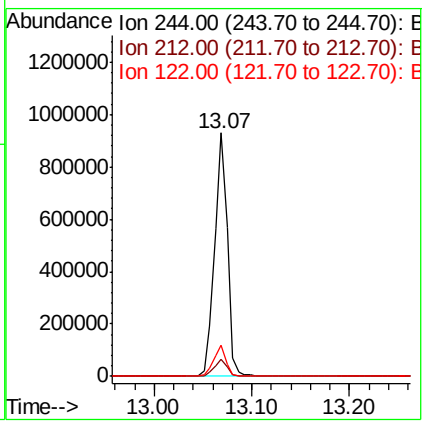


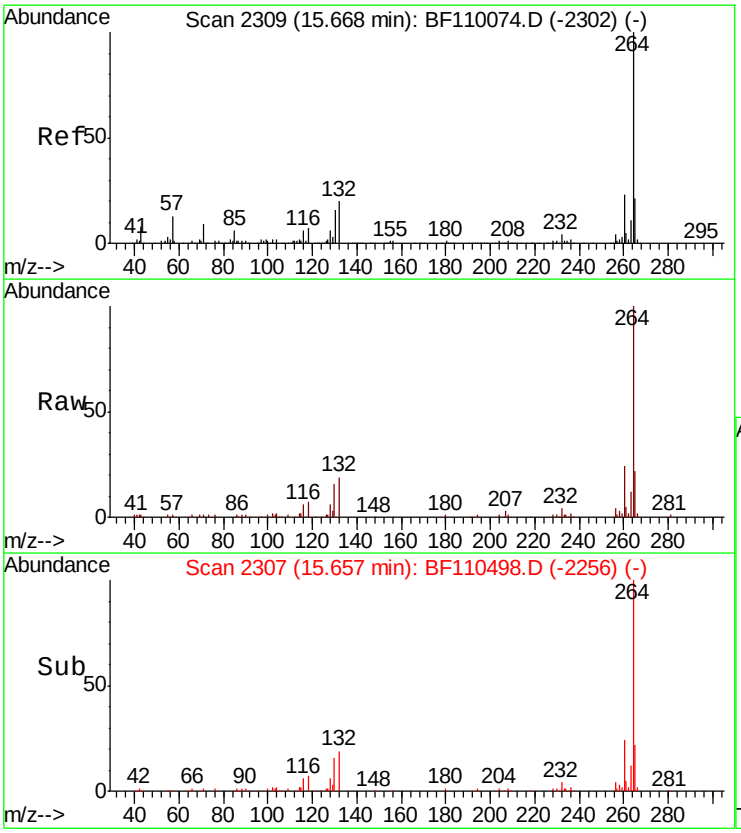
#79
Terphenyl-d14
Concen: 103.888 ng
RT: 13.07 min Scan# 1867
Delta R.T. -0.01 min
Lab File: BF110498.D
Acq: 6 Nov 2018 7:10

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 845473

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.8	8.8
122	12.8	8.7	13.1





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.66 min Scan# 2307
Delta R.T. 0.00 min
Lab File: BF110498.D
Acq: 6 Nov 2018 7:10

Tgt Ion:264 Resp: 130372

Ion	Ratio	Lower	Upper
264	100		
260	24.0	18.7	28.1
265	21.9	16.7	25.1