Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102518\
Data File : BF110165.D
Acq On : 25 Oct 2018 17:27
Operator : JU/SJ
Sample : J5636-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Oct 26 02:28:17 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	6.96	152	149542	20.00	ng	-0.02
21) Naphthalene-d8	8.25	136	621796	20.00	ng	-0.02
39) Acenaphthene-d10	10.01	164	301628	20.00	ng	-0.02
64) Phenanthrene-d10	11.50	188	537378	20.00	ng	-0.02
76) Chrysene-d12	14.14	240	307201	20.00	ng	-0.02
87) Perylene-d12	15.67	264	273812	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	661575	72.04	ng	-0.01
7) Phenol-d6	6.59	99	830102	70.67	ng	-0.02
23) Nitrobenzene-d5	7.53	82	516974	49.31	ng	-0.02
42) 2,4,6-Tribromophenol	10.80	330	183253	61.33	ng	-0.02
45) 2-Fluorobiphenyl	9.32	172	864573	45.01	ng	-0.02
79) Terphenyl-d14	13.08	244	711604	48.17	ng	-0.02
Target Compounds						Qvalue
9) Benzaldehyde	6.59	77	1700	Below Cal	#	1
10) Phenol	6.59	94	44972	3.582	ng	# 75
19) n-Nitroso-di-n-propylamine	7.53	70	68599	9.103	ng	# 78
25) Isophorone	7.53	82	516969	28.930	ng	# 67
50) Dimethylphthalate	9.71	163	109572	4.921	ng	99
51) 2,6-Dinitrotoluene	10.01	165	37591	7.838	ng	# 23
57) 2,4-Dinitrotoluene	10.01	165	37591	6.171	ng	# 20
67) 4-Bromophenyl-phenylether	10.80	248	12535	2.150	ng	# 1

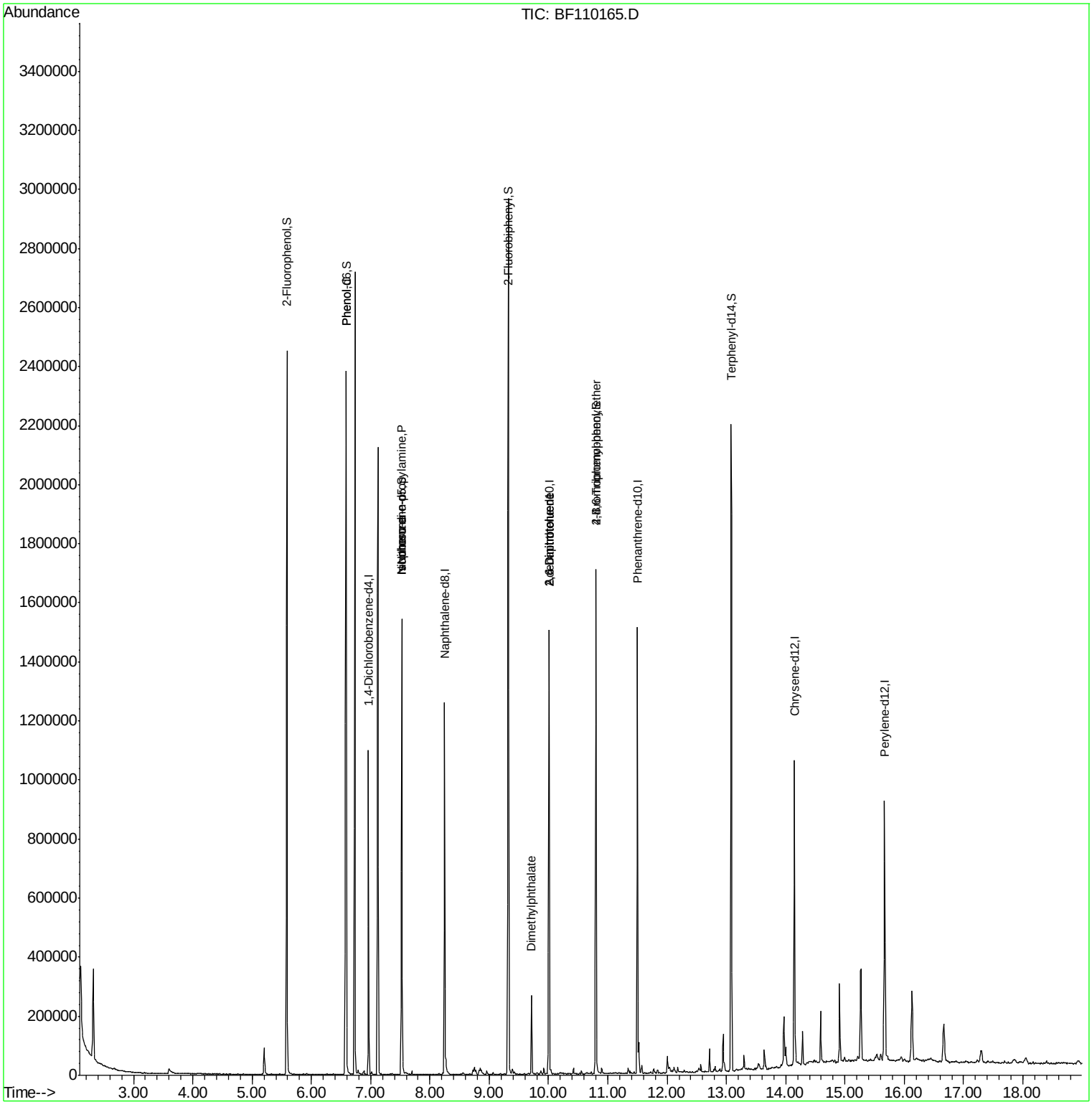
(#) = qualifier out of range (m) = manual integration (+) = signals summed

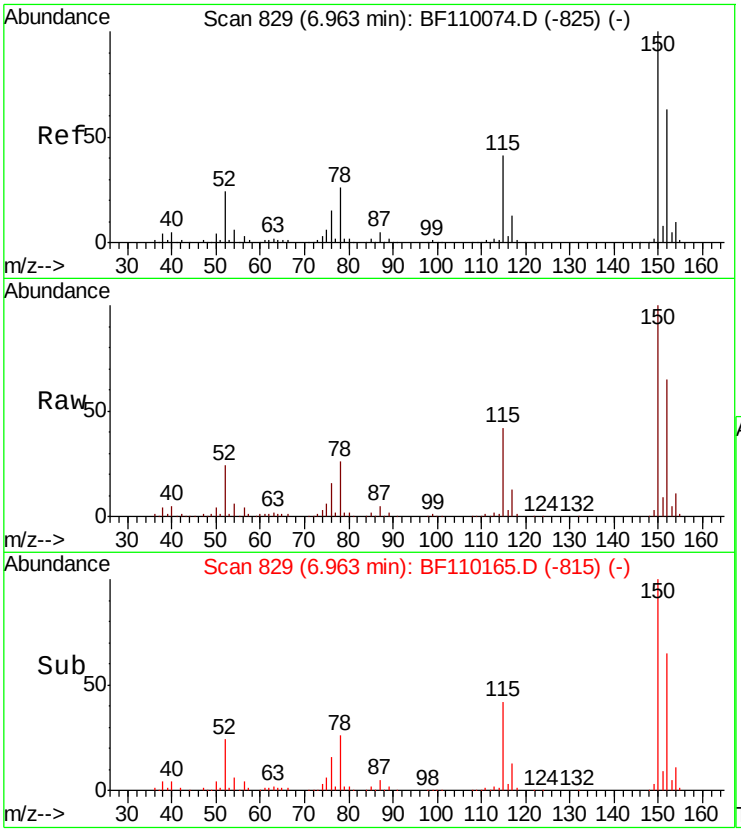
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102518\
Data File : BF110165.D
Acq On : 25 Oct 2018 17:27
Operator : JU/SJ
Sample : J5636-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Oct 26 02:28:17 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



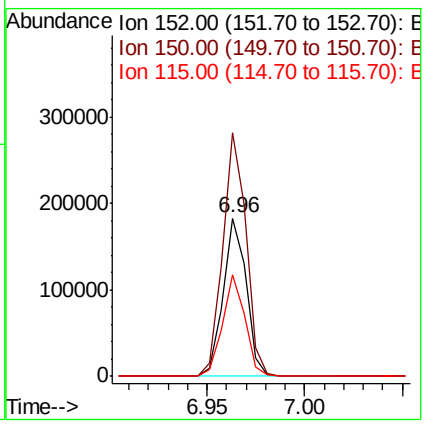


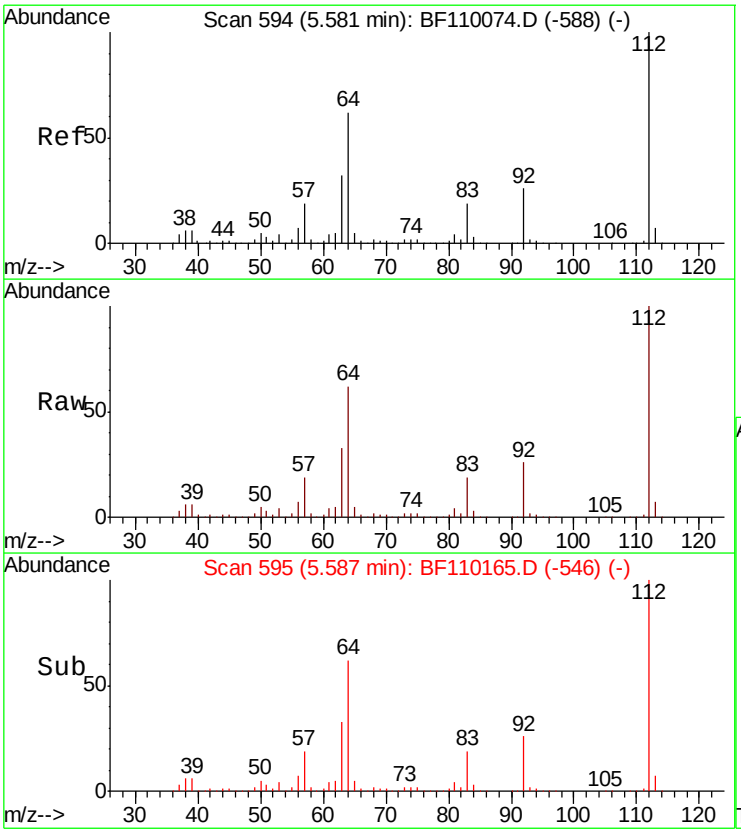
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 829
Delta R.T. -0.02 min
Lab File: BF110165.D
Acq: 25 Oct 2018 17:27

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 149542

Ion	Ratio	Lower	Upper
152	100		
150	154.1	122.7	184.1
115	64.3	49.1	73.7

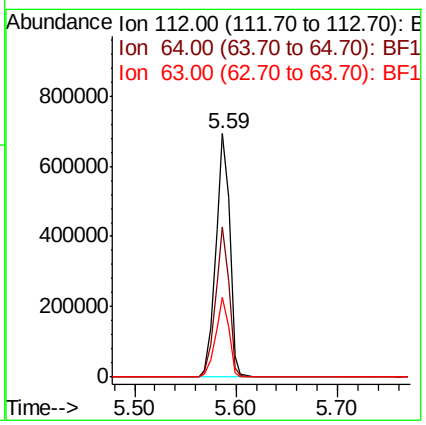


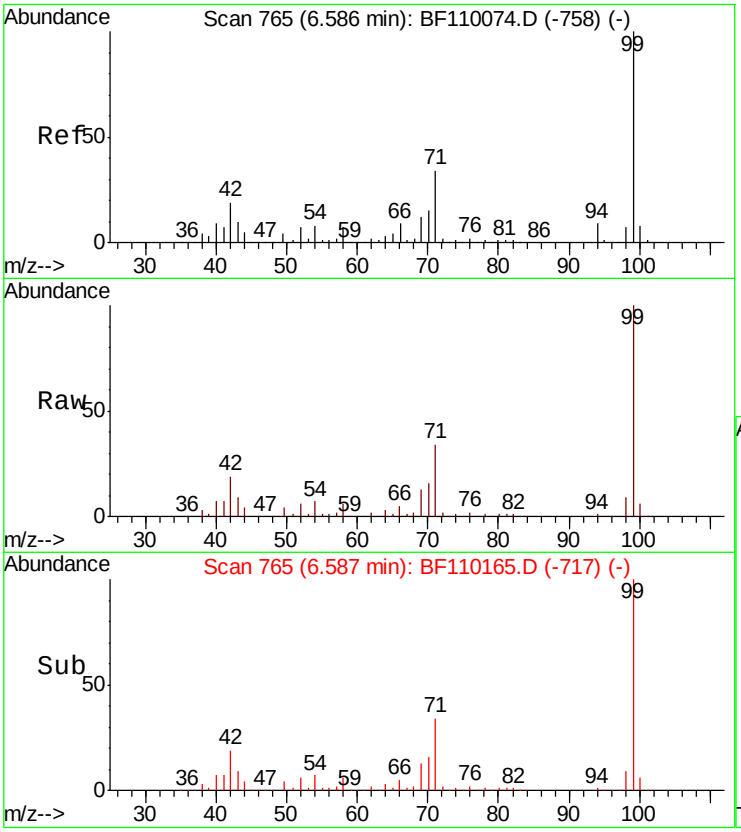


#5
2-Fluorophenol
Concen: 72.043 ng
RT: 5.59 min Scan# 595
Delta R.T. -0.01 min
Lab File: BF110165.D
Acq: 25 Oct 2018 17:27

Tgt Ion:112 Resp: 661575

Ion	Ratio	Lower	Upper
112	100		
64	61.7	44.1	66.1
63	32.5	23.7	35.5



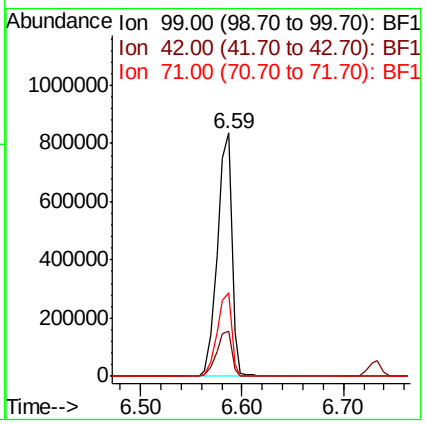


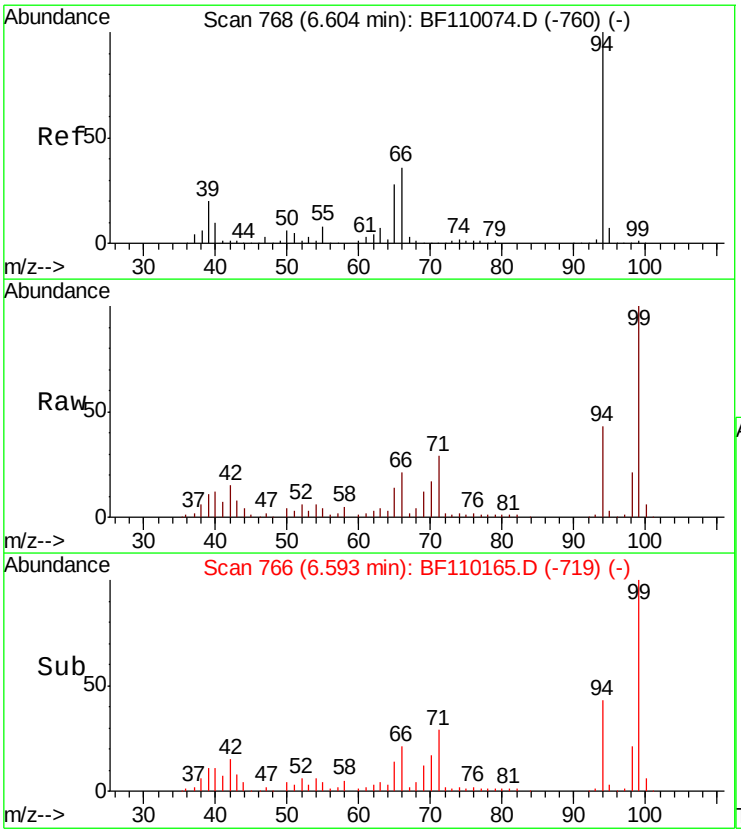
#7
Phenol-d6
Concen: 70.672 ng
RT: 6.59 min Scan# 765
Delta R.T. -0.02 min
Lab File: BF110165.D
Acq: 25 Oct 2018 17:27

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 830102

Ion	Ratio	Lower	Upper
99	100		
42	18.6	15.8	23.6
71	34.1	28.0	42.0

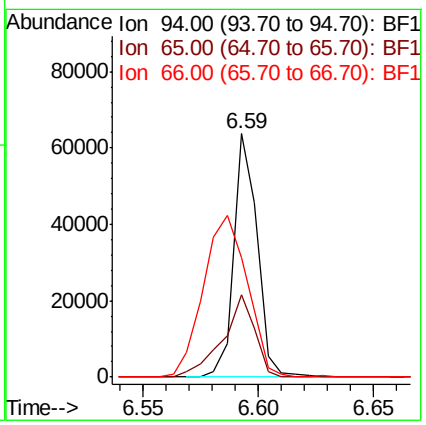


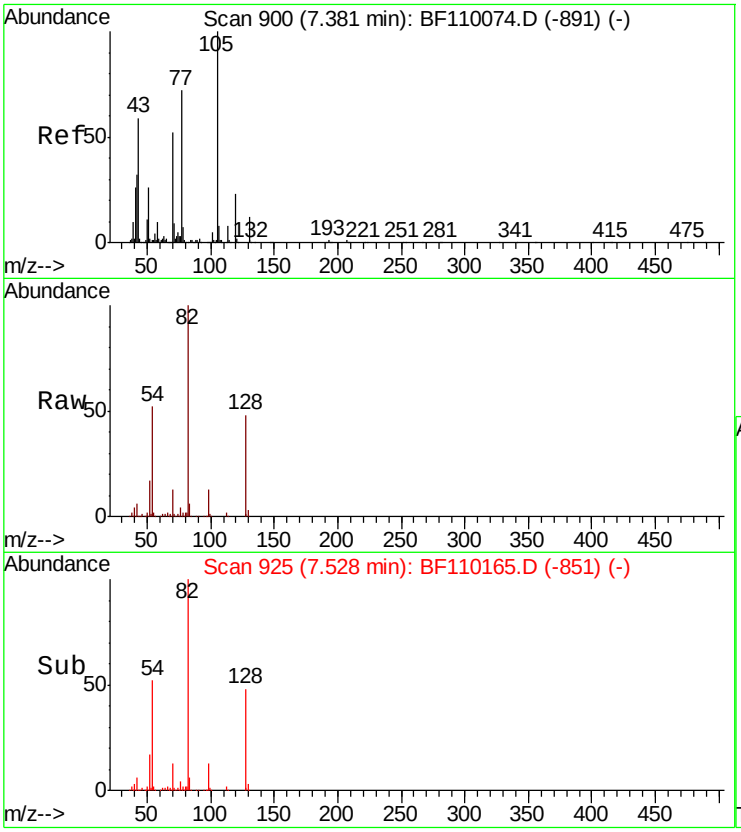


#10
Phenol
Concen: 3.582 ng
RT: 6.59 min Scan# 766
Delta R.T. -0.02 min
Lab File: BF110165.D
Acq: 25 Oct 2018 17:27

Tgt Ion: 94 Resp: 44972

Ion	Ratio	Lower	Upper
94	100		
65	33.8	25.3	65.3
66	49.3	54.5	94.5#



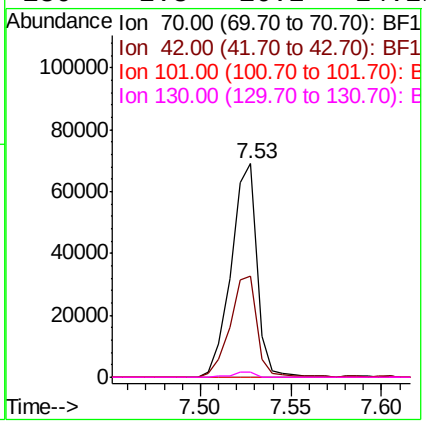


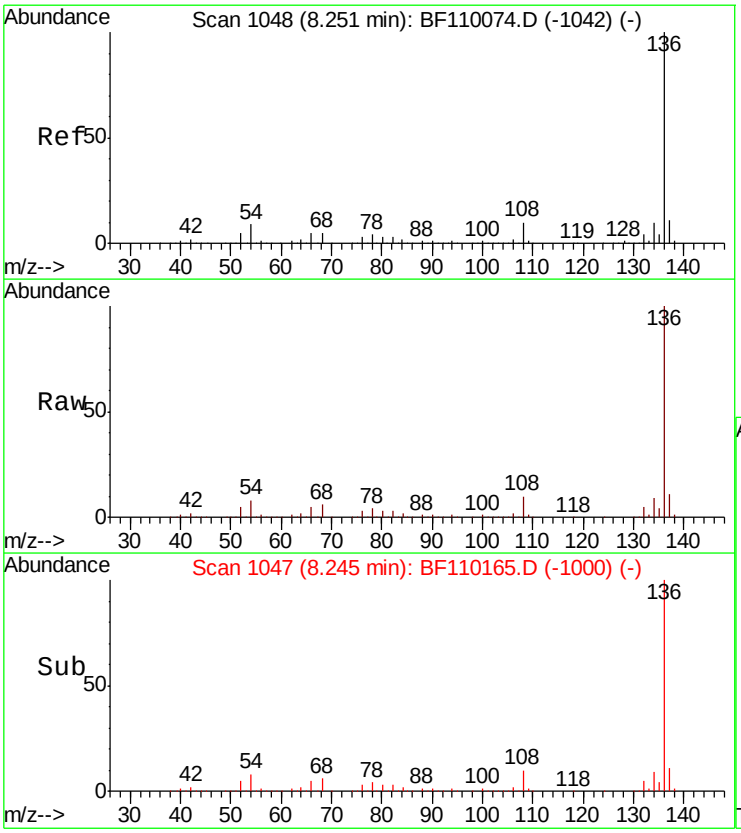
#19
n-Nitroso-di-n-propylamine
Concen: 9.103 ng
RT: 7.53 min Scan# 925
Delta R.T. 0.14 min
Lab File: BF110165.D
Acq: 25 Oct 2018 17:27

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 68599

Ion	Ratio	Lower	Upper
70	100		
42	47.2	47.4	71.2#
101	0.0	7.3	10.9#
130	2.3	16.2	24.2#

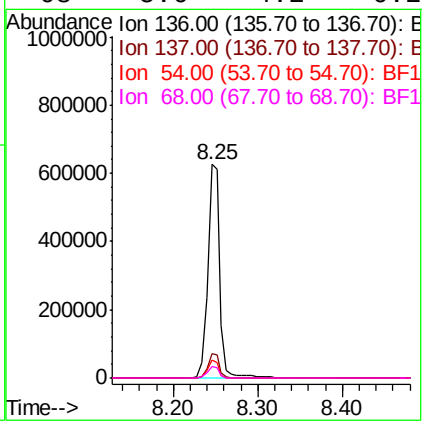


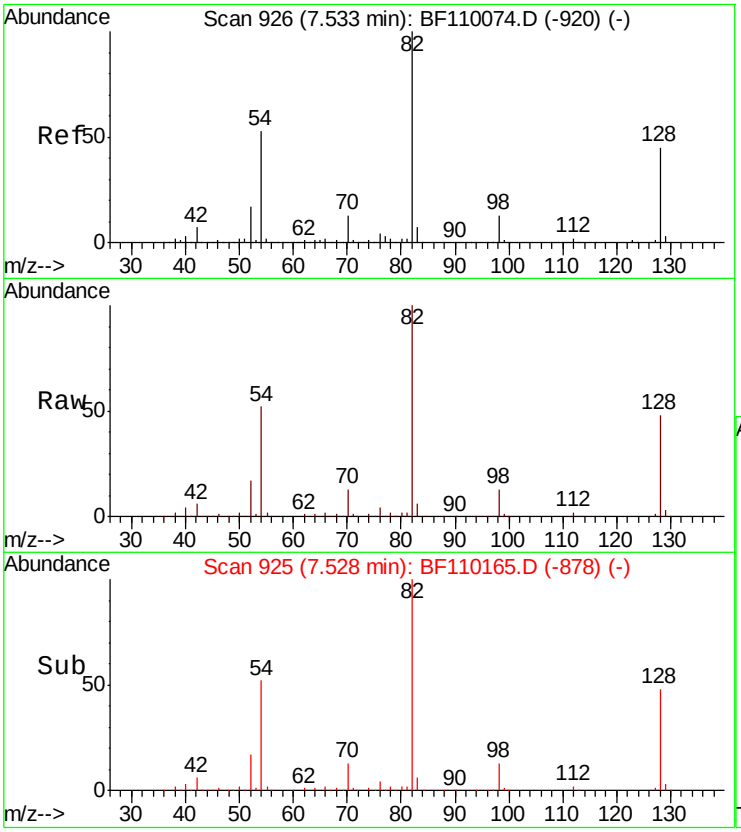


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1047
Delta R.T. -0.02 min
Lab File: BF110165.D
Acq: 25 Oct 2018 17:27

Tgt Ion:136 Resp: 621796

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.8	13.2
54	8.4	5.4	8.2#
68	5.6	4.2	6.2



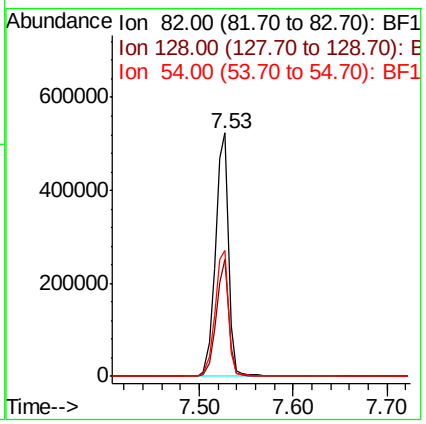


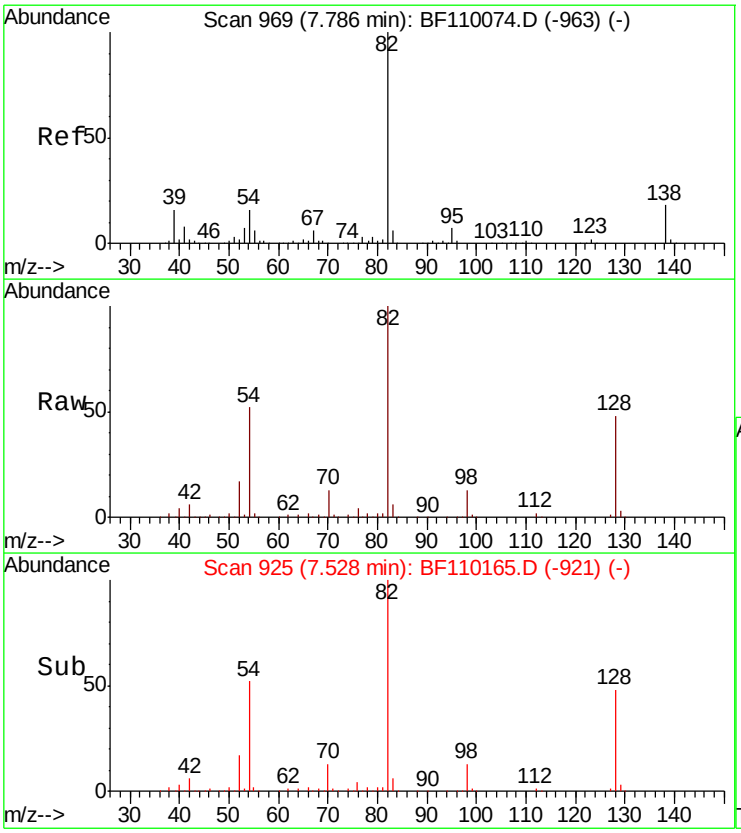
#23
Nitrobenzene-d5
Concen: 49.314 ng
RT: 7.53 min Scan# 925
Delta R.T. -0.02 min
Lab File: BF110165.D
Acq: 25 Oct 2018 17:27

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 516974

Ion	Ratio	Lower	Upper
82	100		
128	48.1	34.2	51.2
54	51.6	38.6	58.0

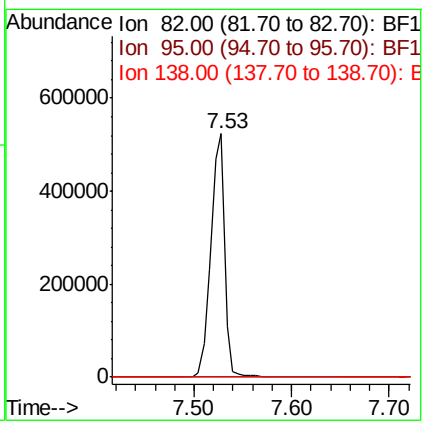


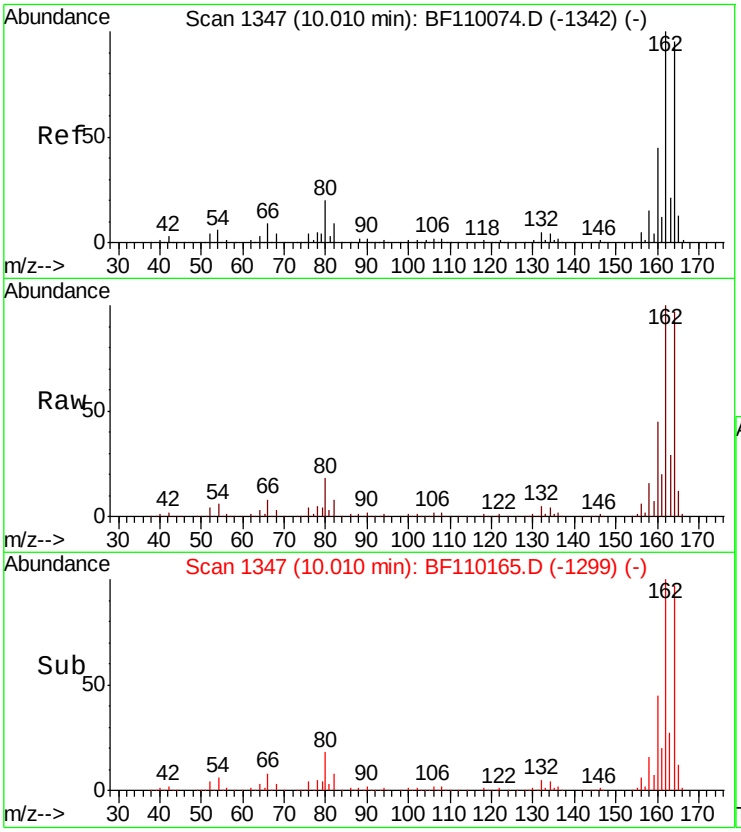


#25
Isophorone
Concen: 28.930 ng
RT: 7.53 min Scan# 925
Delta R.T. -0.28 min
Lab File: BF110165.D
Acq: 25 Oct 2018 17:27

Tgt Ion: 82 Resp: 516969

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



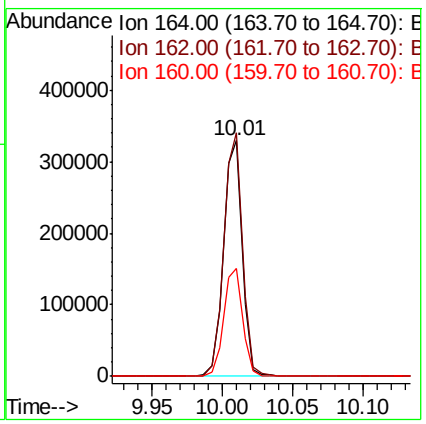


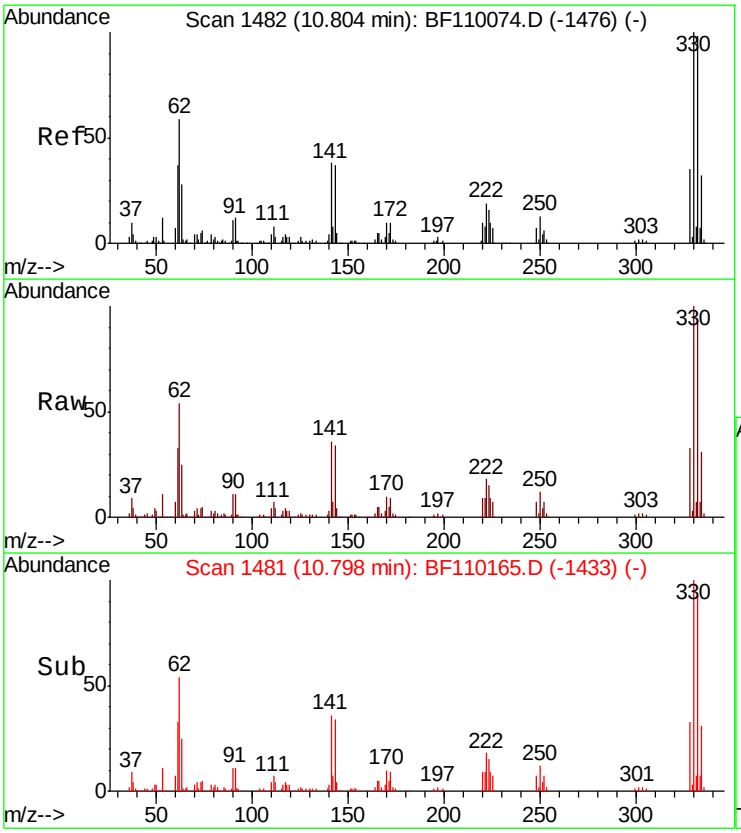
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.01 min Scan# 1347
Delta R.T. -0.02 min
Lab File: BF110165.D
Acq: 25 Oct 2018 17:27

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 301628

Ion	Ratio	Lower	Upper
164	100		
162	103.4	83.0	124.6
160	46.1	37.0	55.6

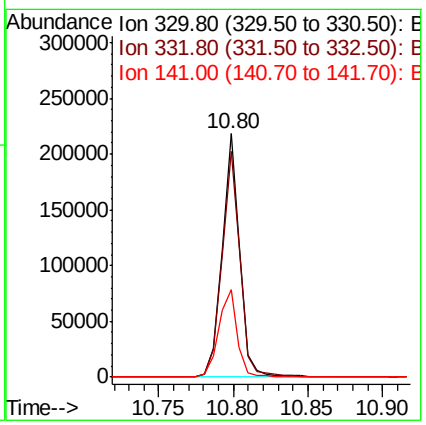


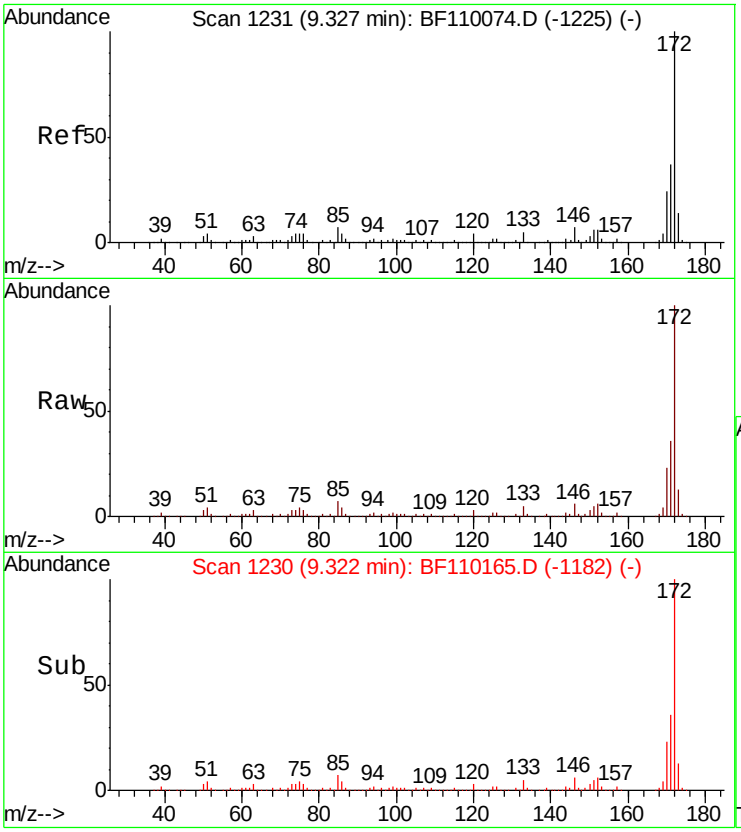


#42
2,4,6-Tribromophenol
Concen: 61.333 ng
RT: 10.80 min Scan# 1481
Delta R.T. -0.02 min
Lab File: BF110165.D
Acq: 25 Oct 2018 17:27

Tgt Ion:330 Resp: 183253

Ion	Ratio	Lower	Upper
330	100		
332	95.7	77.1	115.7
141	37.3	27.0	40.4



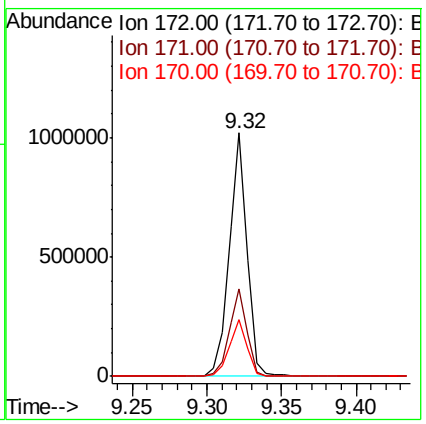


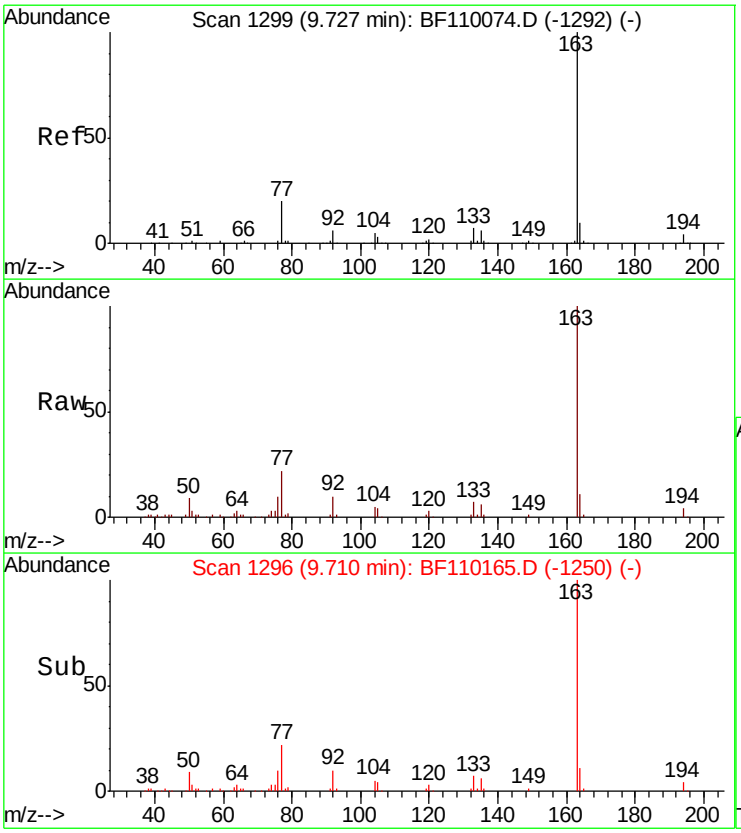
#45
2-Fluorobiphenyl
Concen: 45.009 ng
RT: 9.32 min Scan# 1230
Delta R.T. -0.02 min
Lab File: BF110165.D
Acq: 25 Oct 2018 17:27

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 864573

Ion	Ratio	Lower	Upper
172	100		
171	35.7	28.6	43.0
170	23.4	19.7	29.5

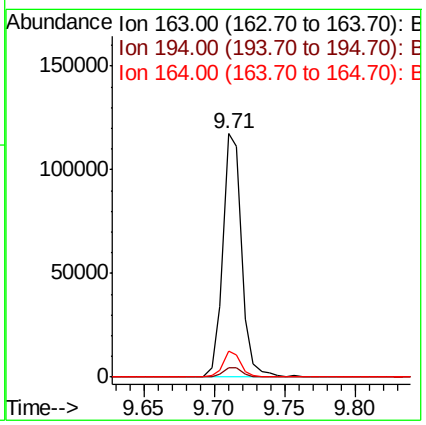


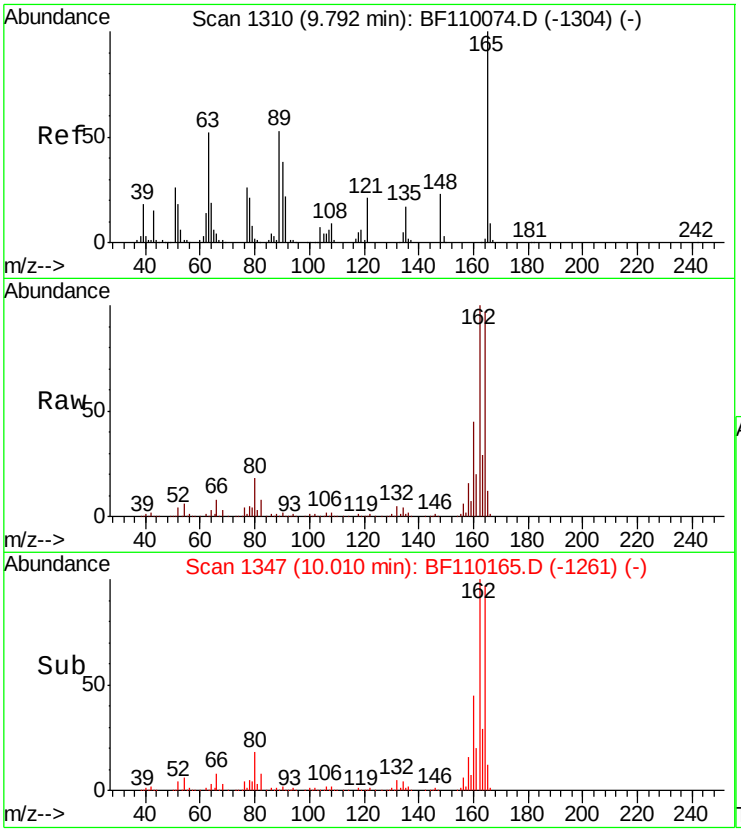


#50
Dimethylphthalate
Concen: 4.921 ng
RT: 9.71 min Scan# 1296
Delta R.T. -0.03 min
Lab File: BF110165.D
Acq: 25 Oct 2018 17:27

Tgt Ion:163 Resp: 109572

Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.2	4.8
164	10.7	8.1	12.1



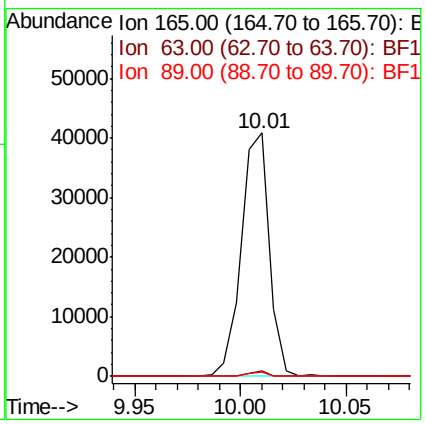


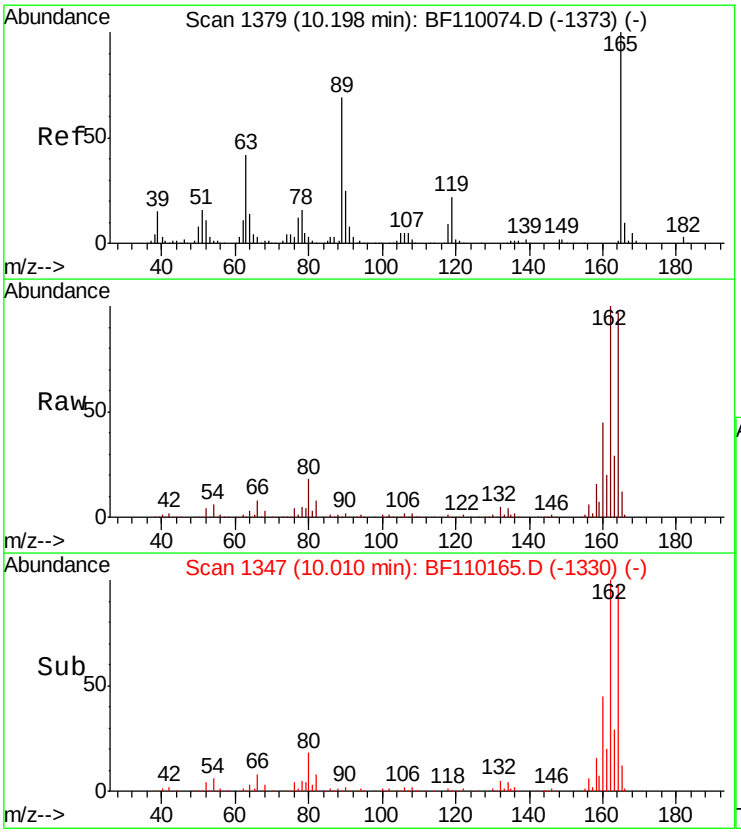
#51
2,6-Dinitrotoluene
Concen: 7.838 ng
RT: 10.01 min Scan# 1347
Delta R.T. 0.21 min
Lab File: BF110165.D
Acq: 25 Oct 2018 17:27

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 37591

Ion	Ratio	Lower	Upper
165	100		
63	2.0	48.9	73.3#
89	1.7	46.6	69.8#

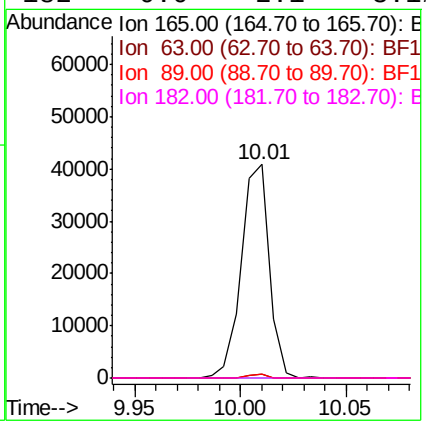


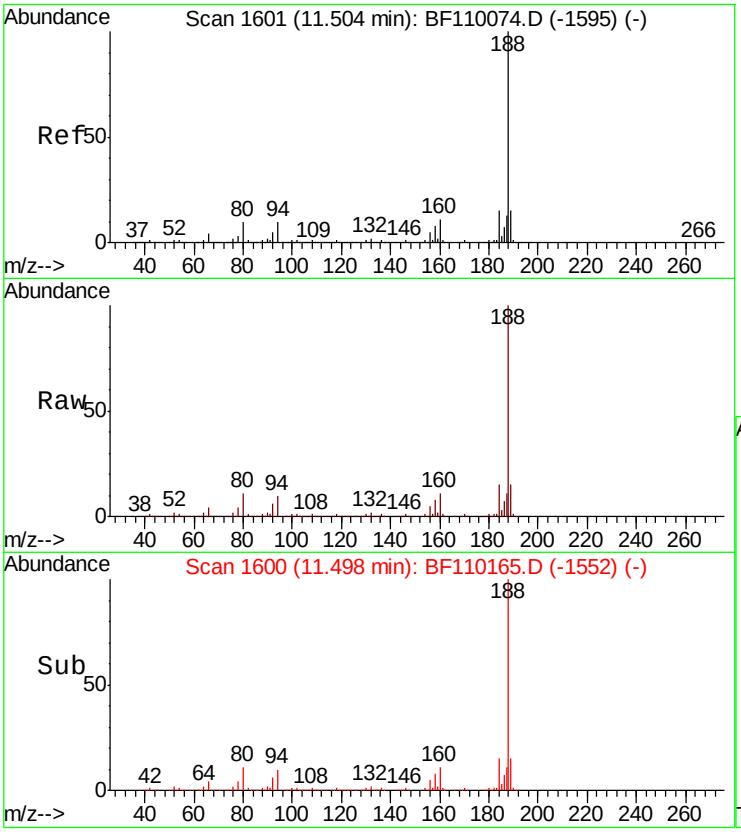


#57
2,4-Dinitrotoluene
Concen: 6.171 ng
RT: 10.01 min Scan# 1347
Delta R.T. -0.20 min
Lab File: BF110165.D
Acq: 25 Oct 2018 17:27

Tgt Ion:165 Resp: 37591

Ion	Ratio	Lower	Upper
165	100		
63	2.0	44.8	67.2#
89	1.7	62.2	93.4#
182	0.0	2.1	3.1#



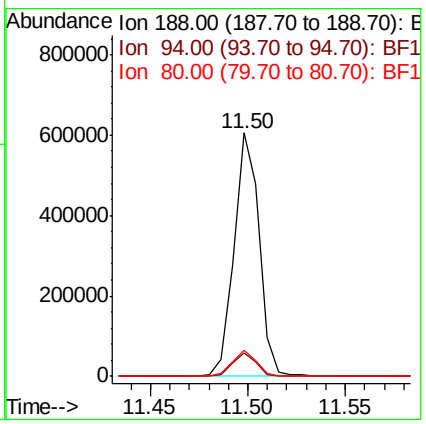


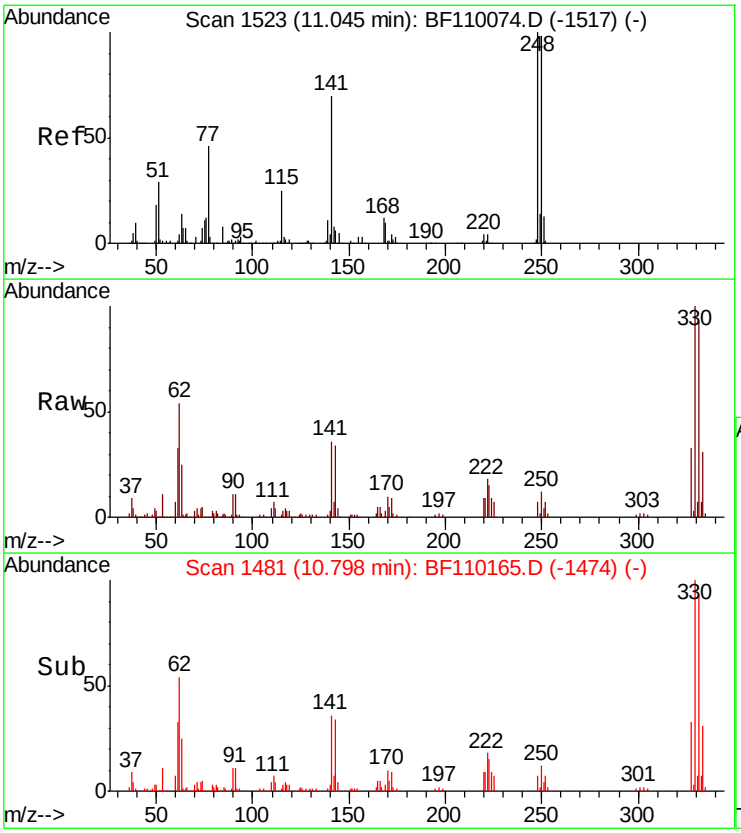
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1600
Delta R.T. -0.02 min
Lab File: BF110165.D
Acq: 25 Oct 2018 17:27

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 537378

Ion	Ratio	Lower	Upper
188	100		
94	9.6	7.2	10.8
80	10.7	7.9	11.9

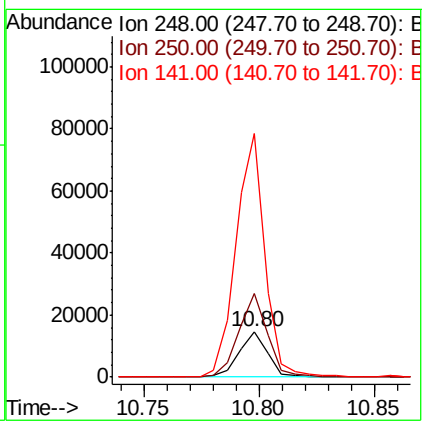


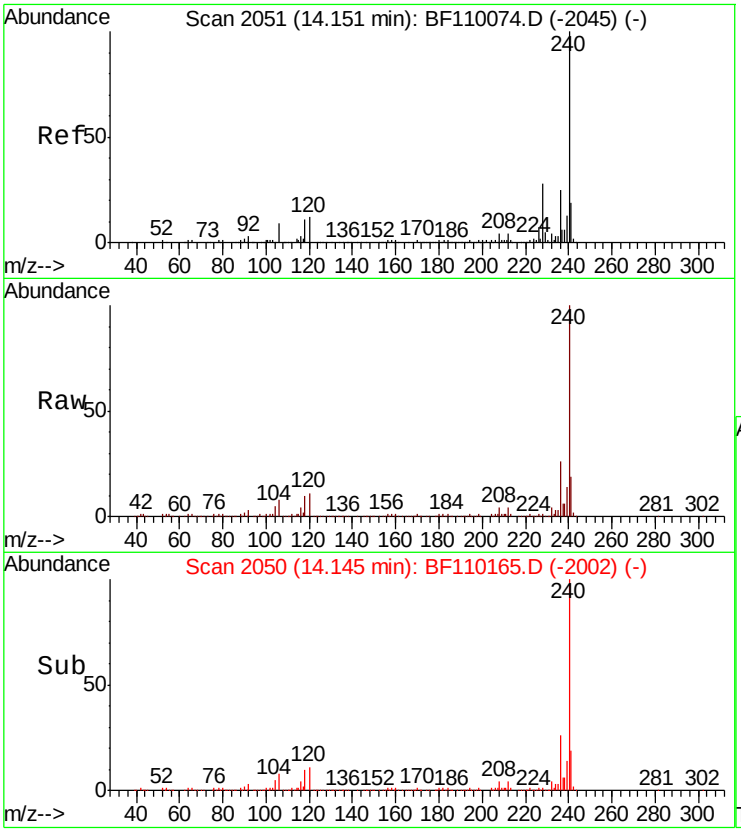


#67
4-Bromophenyl-phenylether
Concen: 2.150 ng
RT: 10.80 min Scan# 1481
Delta R.T. -0.26 min
Lab File: BF110165.D
Acq: 25 Oct 2018 17:27

Tgt Ion:248 Resp: 12535

Ion	Ratio	Lower	Upper
248	100		
250	185.2	79.4	119.2#
141	536.3	55.9	83.9#



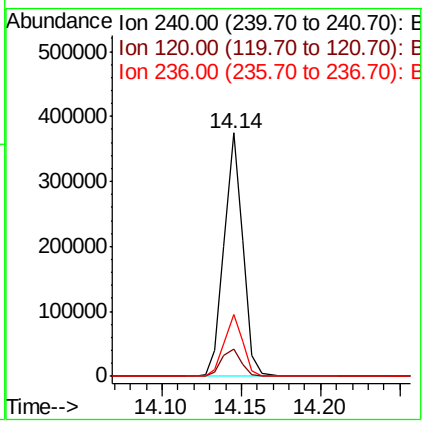


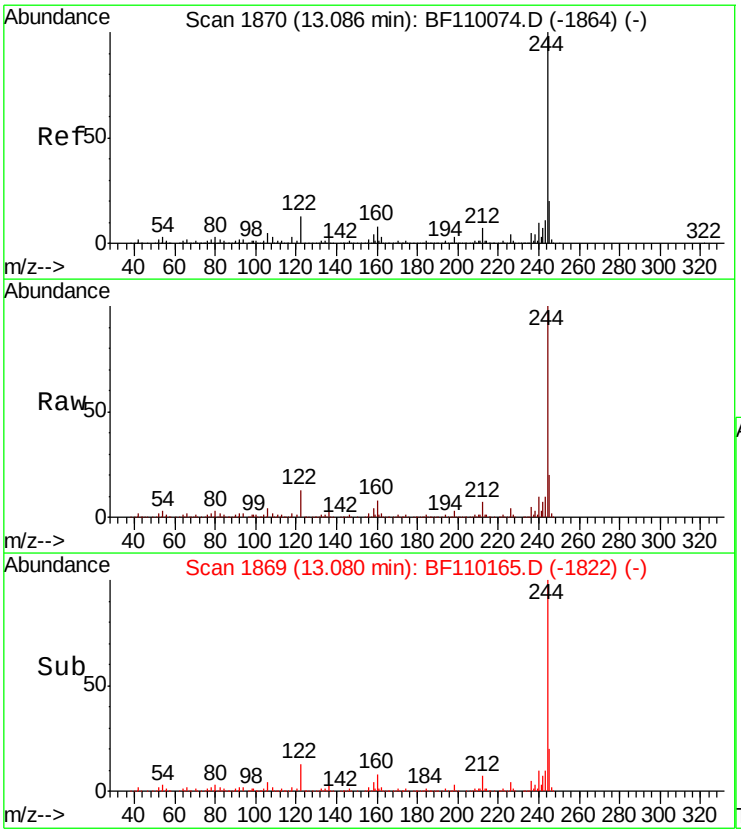
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.14 min Scan# 2050
Delta R.T. -0.02 min
Lab File: BF110165.D
Acq: 25 Oct 2018 17:27

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 307201

Ion	Ratio	Lower	Upper
240	100		
120	11.3	8.3	12.5
236	25.6	21.2	31.8

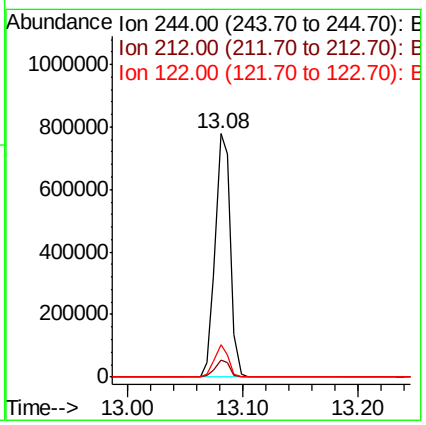


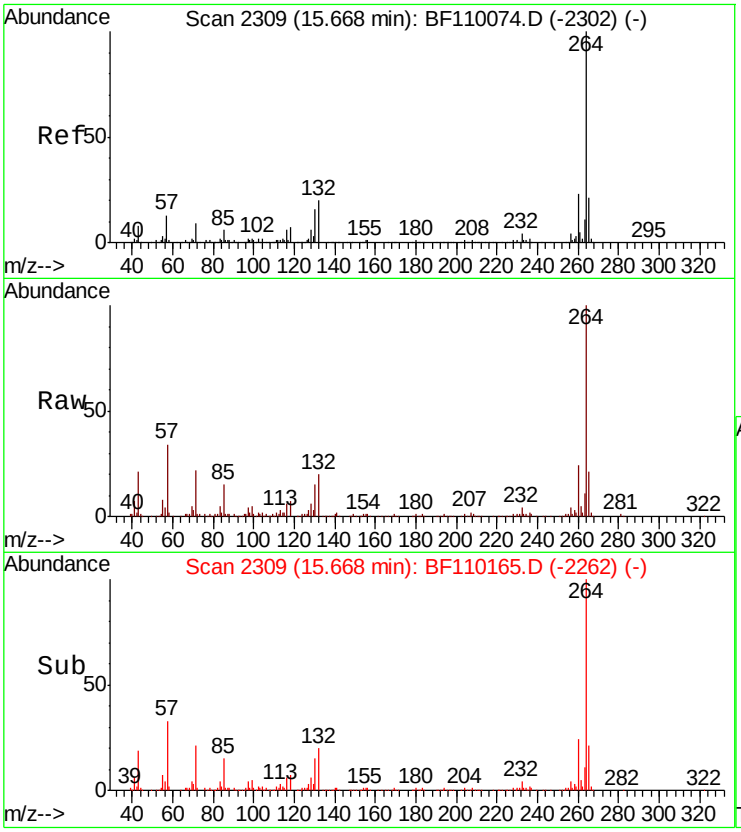


#79
Terphenyl-d14
Concen: 48.175 ng
RT: 13.08 min Scan# 1869
Delta R.T. -0.02 min
Lab File: BF110165.D
Acq: 25 Oct 2018 17:27

Tgt Ion:244 Resp: 711604

Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.8	8.8
122	13.1	8.7	13.1





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.67 min Scan# 2309
Delta R.T. -0.02 min
Lab File: BF110165.D
Acq: 25 Oct 2018 17:27

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 273812

Ion	Ratio	Lower	Upper
264	100		
260	24.2	18.7	28.1
265	21.2	16.7	25.1