Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF111218\
Data File : BF110702.D
Acq On : 13 Nov 2018 4:55
Operator : JU/SJ
Sample : J5904-13
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 110818-SIDI-F-D-S

Quant Time: Nov 13 07:19:36 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 09 15:13:13 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	77128	20.00	ng		0.00
21) Naphthalene-d8	8.23	136	312283	20.00	ng		0.00
39) Acenaphthene-d10	9.99	164	132763	20.00	ng		0.00
64) Phenanthrene-d10	11.48	188	208485	20.00	ng		0.00
76) Chrysene-d12	14.13	240	148484	20.00	ng		-0.01
87) Perylene-d12	15.66	264	108483	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.56	112	186210	39.22	ng		0.00
7) Phenol-d6	6.56	99	138608	22.83	ng		-0.01
23) Nitrobenzene-d5	7.51	82	475082	87.61	ng		0.00
42) 2,4,6-Tribromophenol	10.77	330	85895	64.21	ng		-0.01
45) 2-Fluorobiphenyl	9.30	172	847454	91.16	ng		0.00
79) Terphenyl-d14	13.06	244	565011	71.26	ng		0.00
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.51	70	62559	16.140	ng	#	79
25) Isophorone	7.51	82	475078	53.454	ng	#	67
50) Dimethylphthalate	9.69	163	22577	2.279	ng		99
51) 2,6-Dinitrotoluene	9.99	165	16682	7.655	ng	#	21
57) 2,4-Dinitrotoluene	9.99	165	16682	5.887	ng	#	17
67) 4-Bromophenyl-phenylether	10.77	248	4952	2.149	ng	#	1

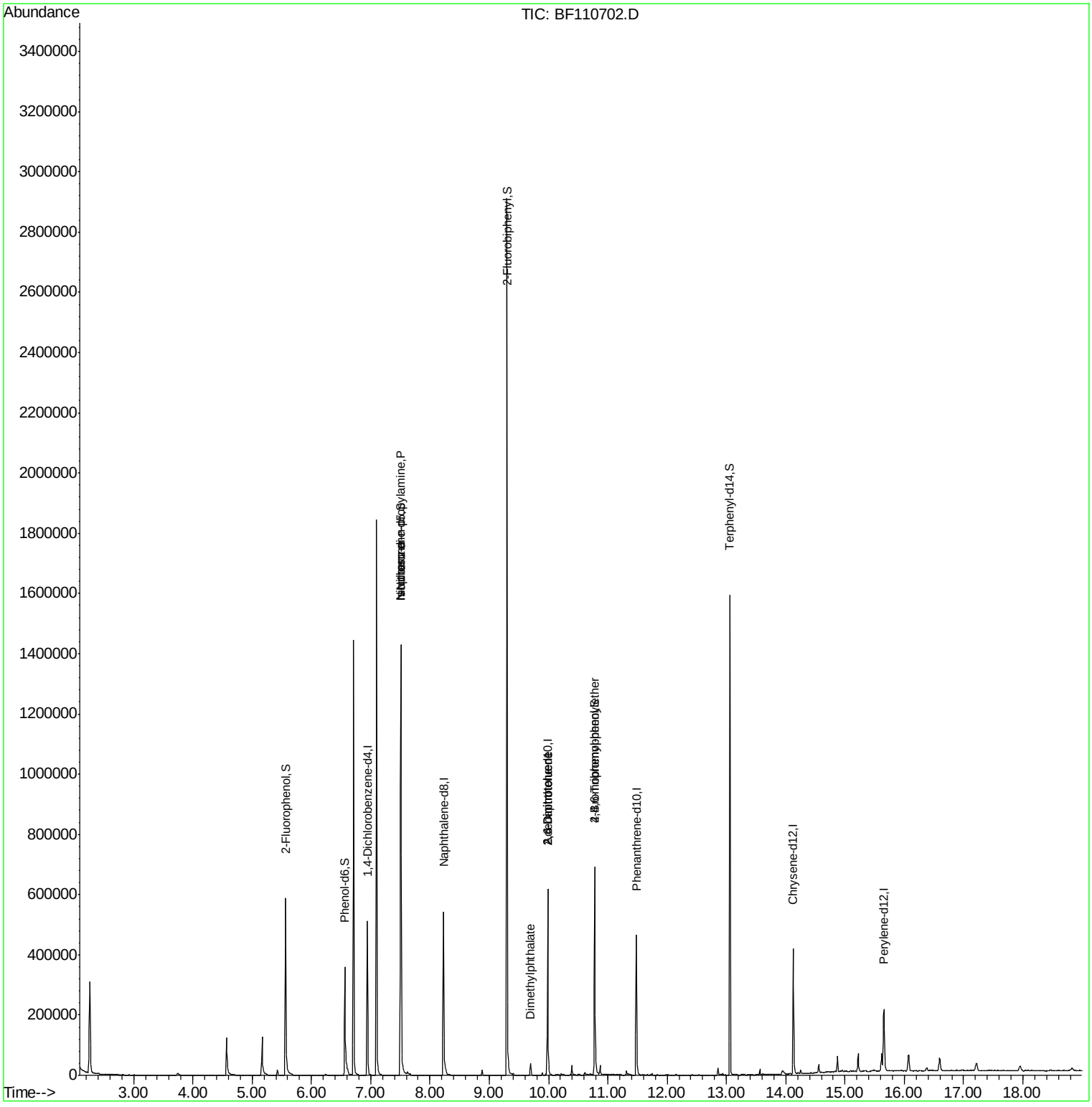
(#) = qualifier out of range (m) = manual integration (+) = signals summed

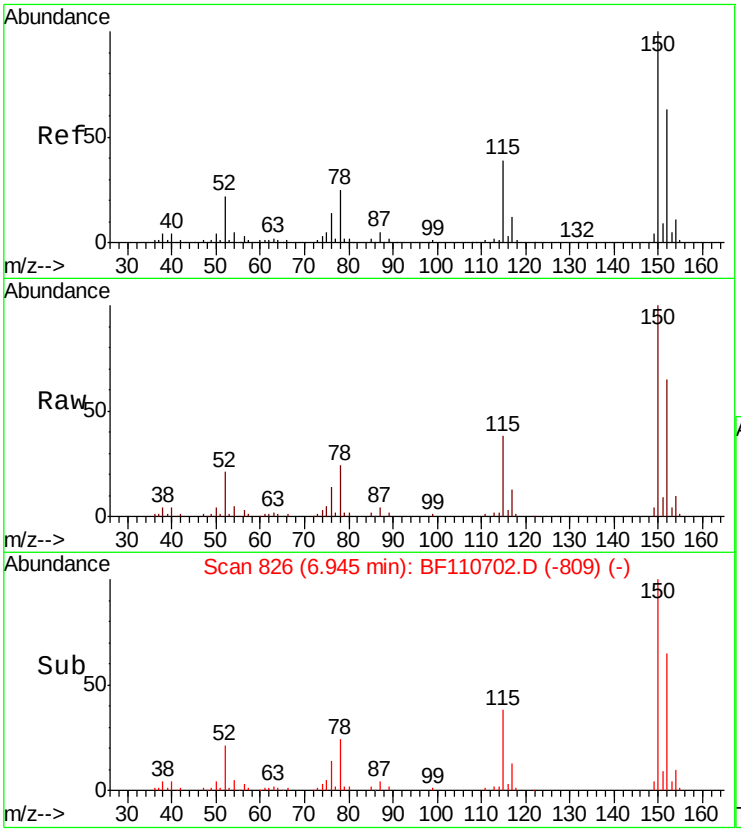
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF111218\
Data File : BF110702.D
Acq On : 13 Nov 2018 4:55
Operator : JU/SJ
Sample : J5904-13
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 110818-SIDI-F-D-S

Quant Time: Nov 13 07:19:36 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 09 15:13:13 2018
Response via : Initial Calibration



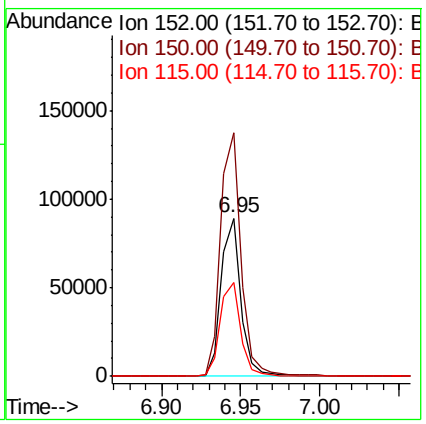


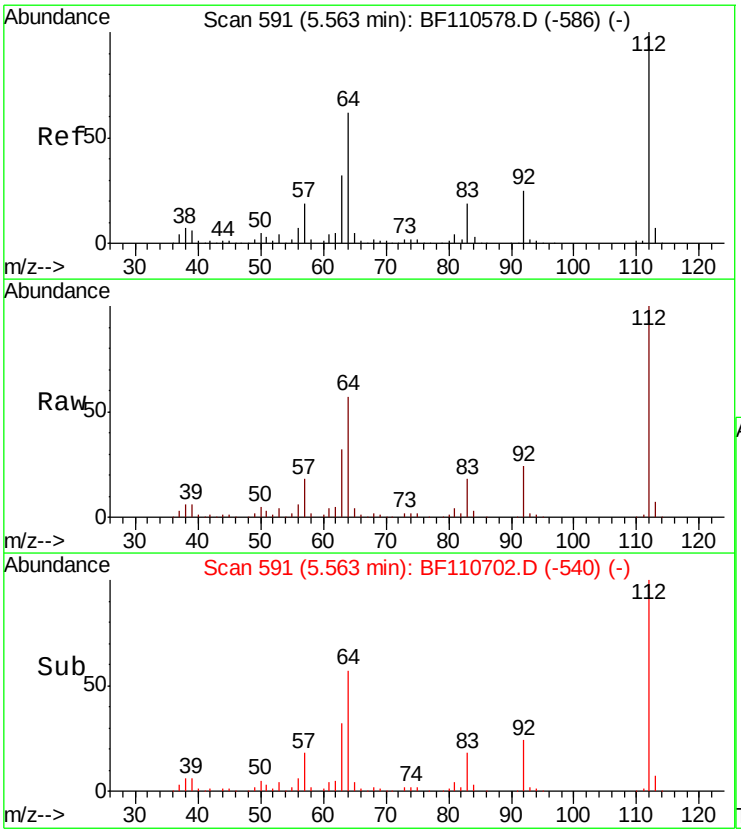
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 826
Delta R.T. 0.00 min
Lab File: BF110702.D
Acq: 13 Nov 2018 4:55

Instrument :
BNA_F
ClientSampleId :
110818-SIDI-F-D-S

Tgt Ion:152 Resp: 77128

Ion	Ratio	Lower	Upper
152	100		
150	154.2	122.7	184.1
115	59.2	49.1	73.7

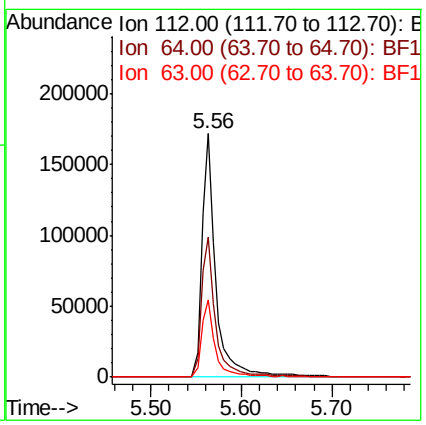


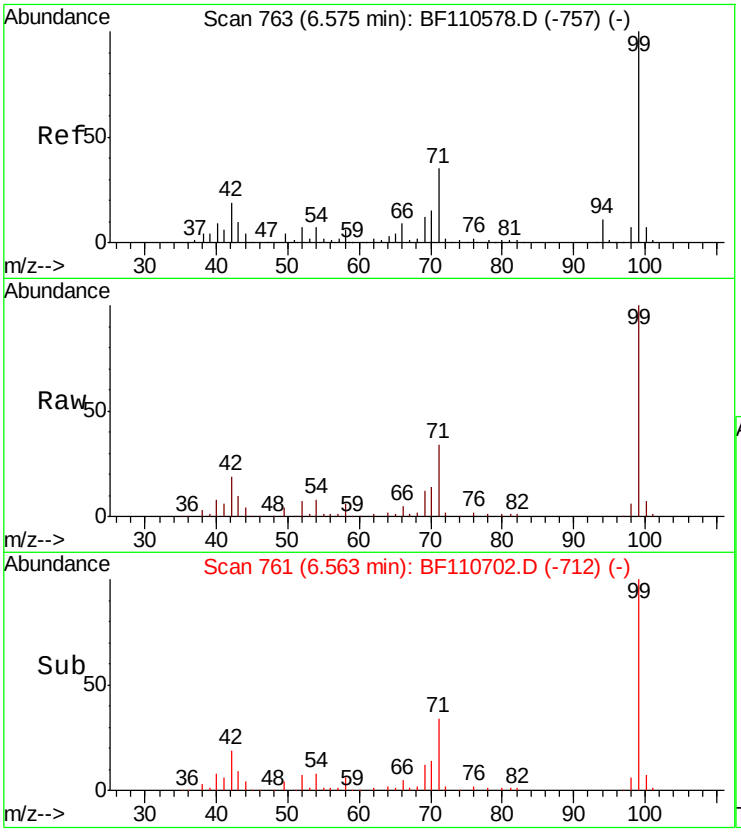


#5
2-Fluorophenol
Concen: 39.216 ng
RT: 5.56 min Scan# 591
Delta R.T. 0.00 min
Lab File: BF110702.D
Acq: 13 Nov 2018 4:55

Tgt Ion:112 Resp: 186210

Ion	Ratio	Lower	Upper
112	100		
64	57.2	44.1	66.1
63	31.7	23.7	35.5



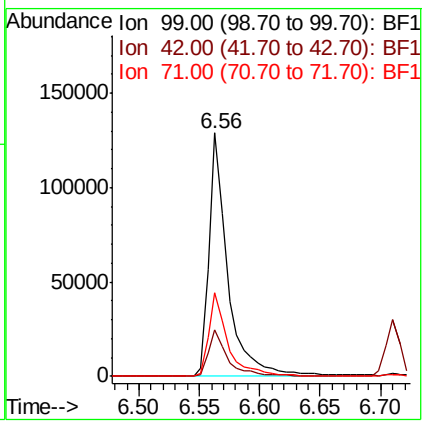


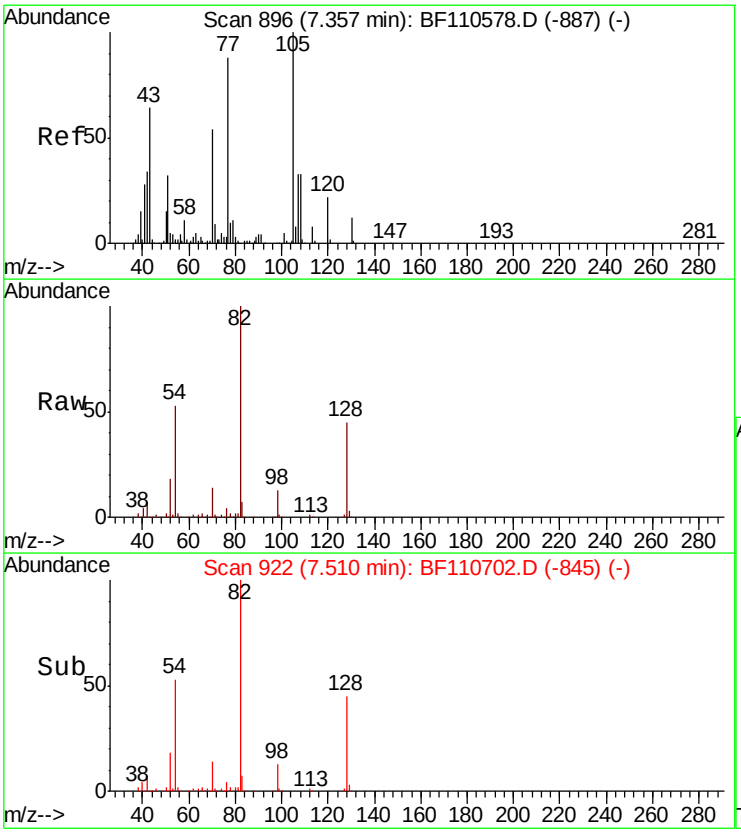
#7
Phenol-d6
Concen: 22.827 ng
RT: 6.56 min Scan# 761
Delta R.T. -0.01 min
Lab File: BF110702.D
Acq: 13 Nov 2018 4:55

Instrument :
BNA_F
ClientSampleId :
110818-SIDI-F-D-S

Tgt Ion: 99 Resp: 138608

Ion	Ratio	Lower	Upper
99	100		
42	18.9	15.8	23.6
71	34.5	28.0	42.0

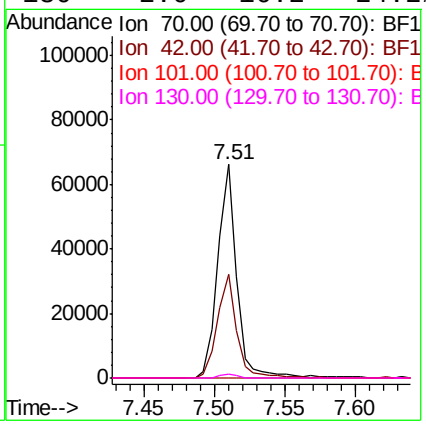


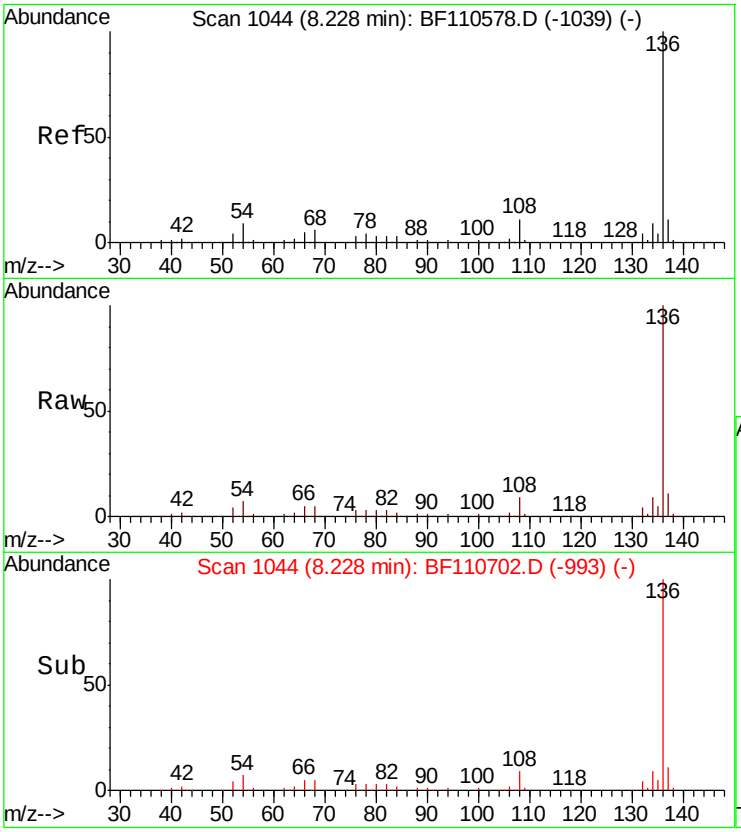


#19
n-Nitroso-di-n-propylamine
Concen: 16.140 ng
RT: 7.51 min Scan# 922
Delta R.T. 0.15 min
Lab File: BF110702.D
Acq: 13 Nov 2018 4:55

Tgt Ion: 70 Resp: 62559

Ion	Ratio	Lower	Upper
70	100		
42	48.8	47.4	71.2
101	0.0	7.3	10.9#
130	2.0	16.2	24.2#



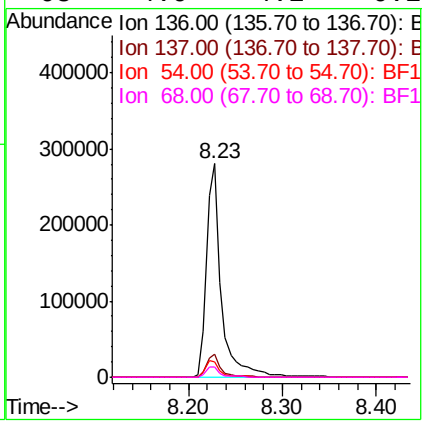


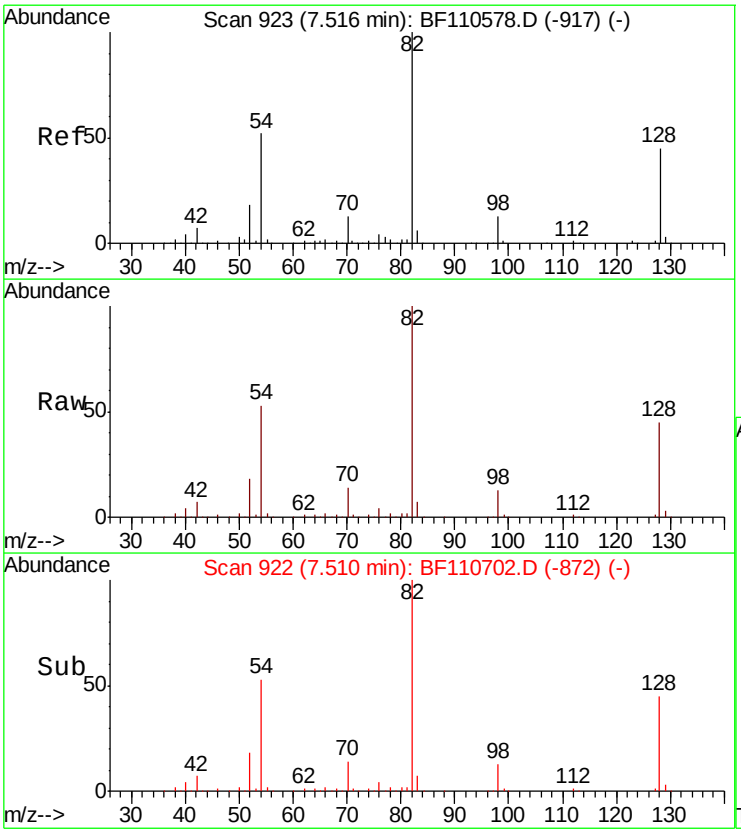
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.23 min Scan# 1044
Delta R.T. 0.00 min
Lab File: BF110702.D
Acq: 13 Nov 2018 4:55

Instrument :
BNA_F
ClientSampleId :
110818-SIDI-F-D-S

Tgt Ion:136 Resp: 312283

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.8	13.2
54	7.3	5.4	8.2
68	4.9	4.2	6.2

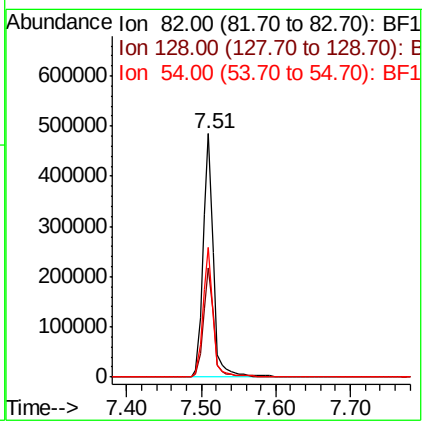


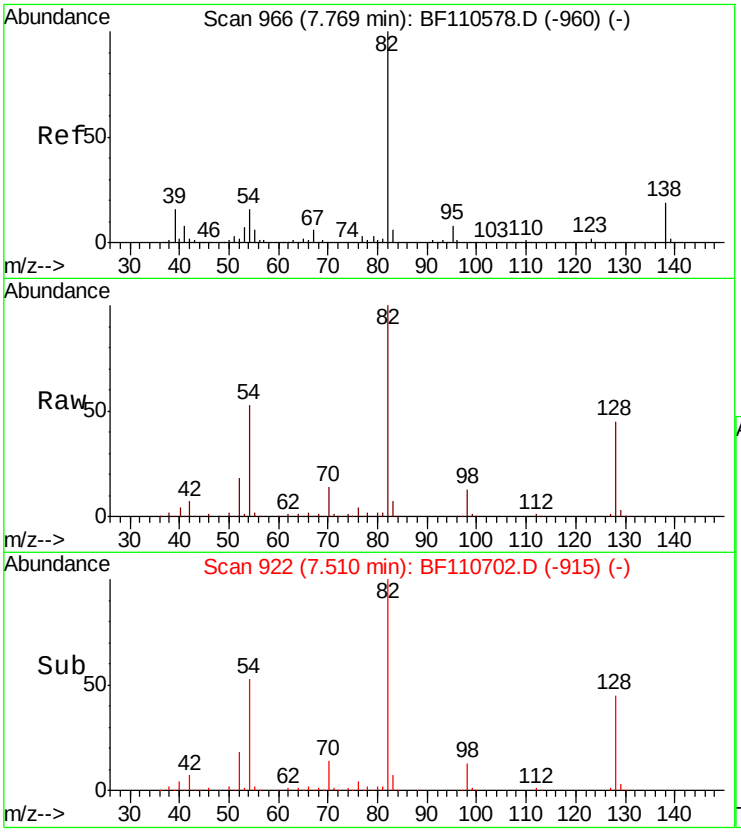


#23
Nitrobenzene-d5
Concen: 87.612 ng
RT: 7.51 min Scan# 922
Delta R.T. -0.01 min
Lab File: BF110702.D
Acq: 13 Nov 2018 4:55

Tgt Ion: 82 Resp: 475082

Ion	Ratio	Lower	Upper
82	100		
128	44.7	34.2	51.2
54	53.4	38.6	58.0



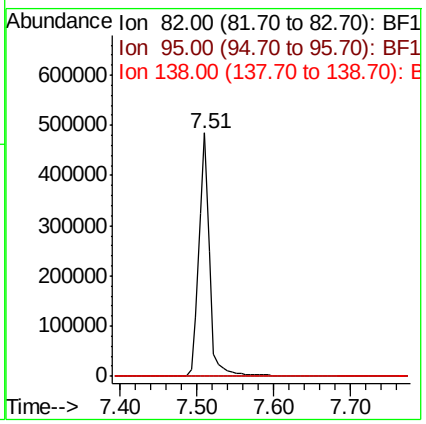


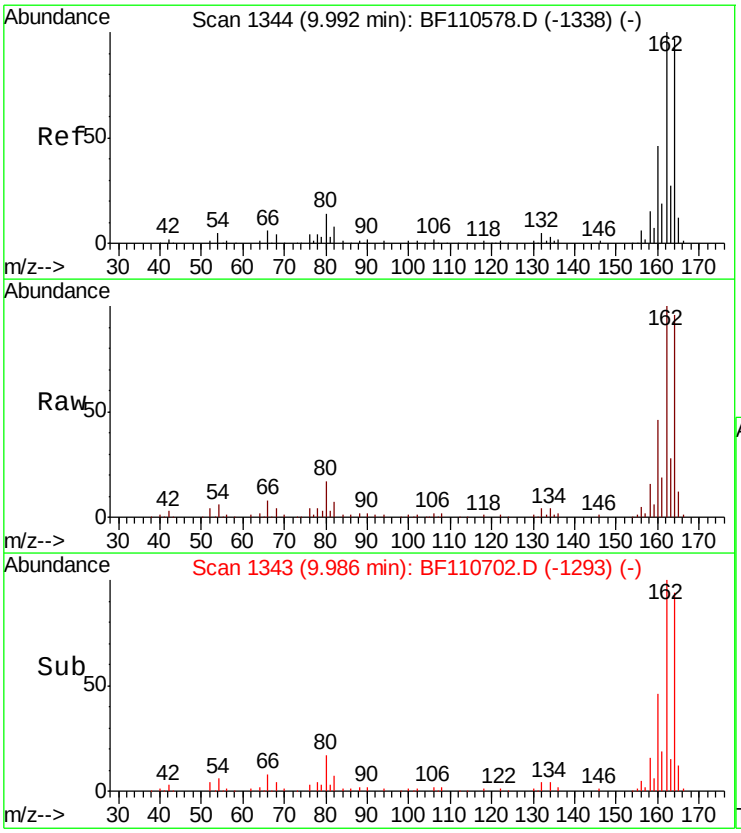
#25
Isophorone
Concen: 53.454 ng
RT: 7.51 min Scan# 922
Delta R.T. -0.26 min
Lab File: BF110702.D
Acq: 13 Nov 2018 4:55

Instrument :
BNA_F
ClientSampleId :
110818-SIDI-F-D-S

Tgt Ion: 82 Resp: 475078

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

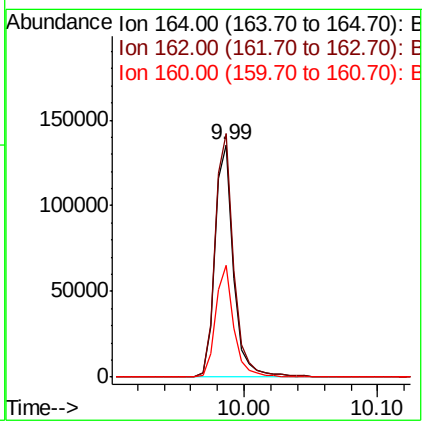


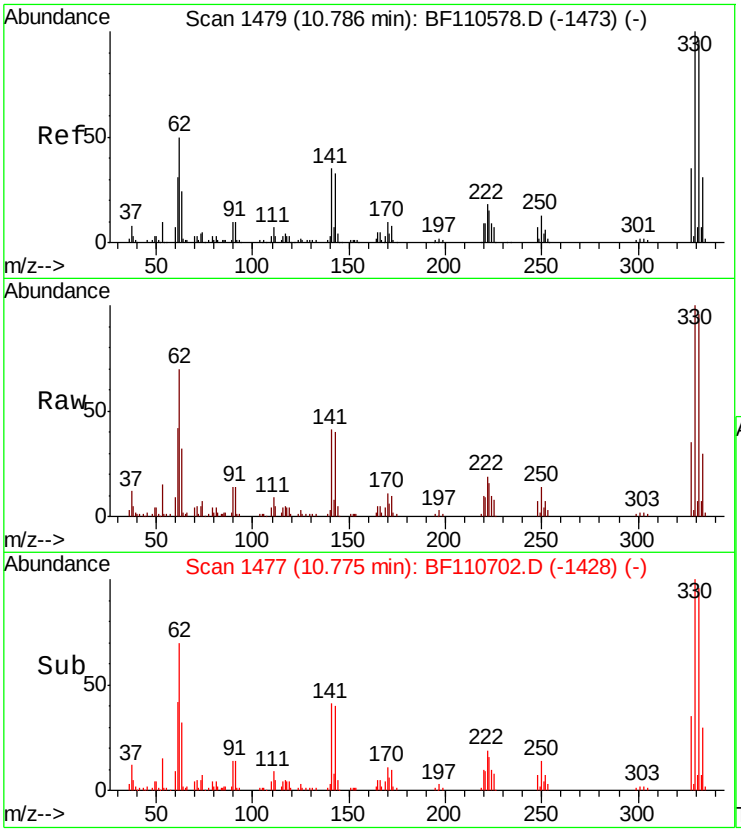


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.99 min Scan# 1343
Delta R.T. -0.01 min
Lab File: BF110702.D
Acq: 13 Nov 2018 4:55

Tgt Ion:164 Resp: 132763

Ion	Ratio	Lower	Upper
164	100		
162	104.6	83.0	124.6
160	47.8	37.0	55.6



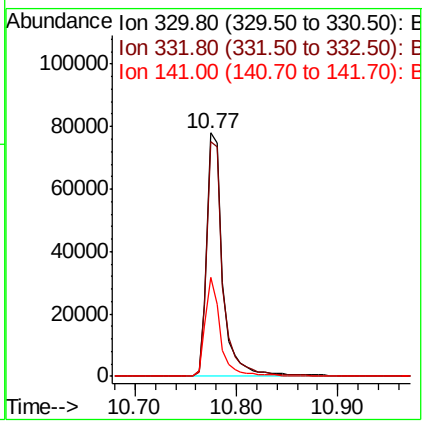


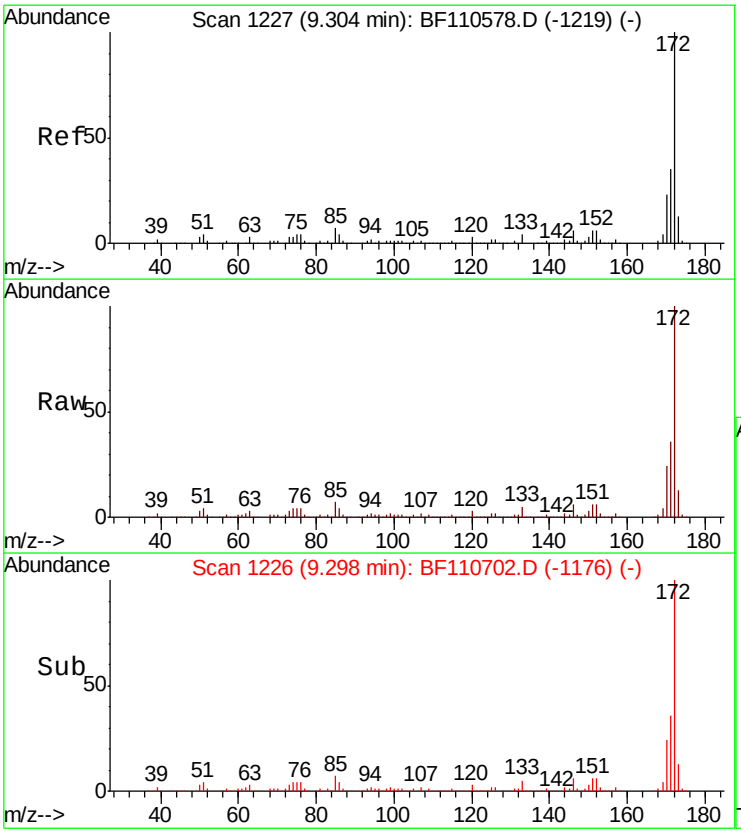
#42
2,4,6-Tribromophenol
Concen: 64.208 ng
RT: 10.77 min Scan# 1477
Delta R.T. -0.01 min
Lab File: BF110702.D
Acq: 13 Nov 2018 4:55

Instrument :
BNA_F
ClientSampleId :
110818-SIDI-F-D-S

Tgt Ion:330 Resp: 85895

Ion	Ratio	Lower	Upper
330	100		
332	97.5	77.1	115.7
141	37.8	27.0	40.4

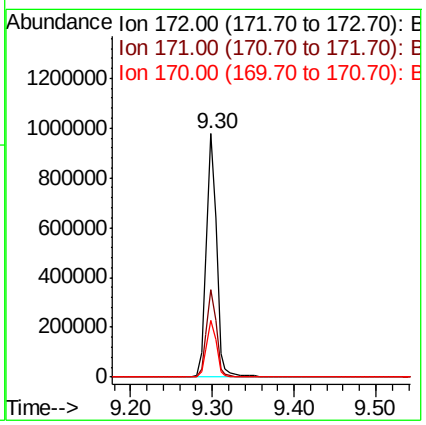


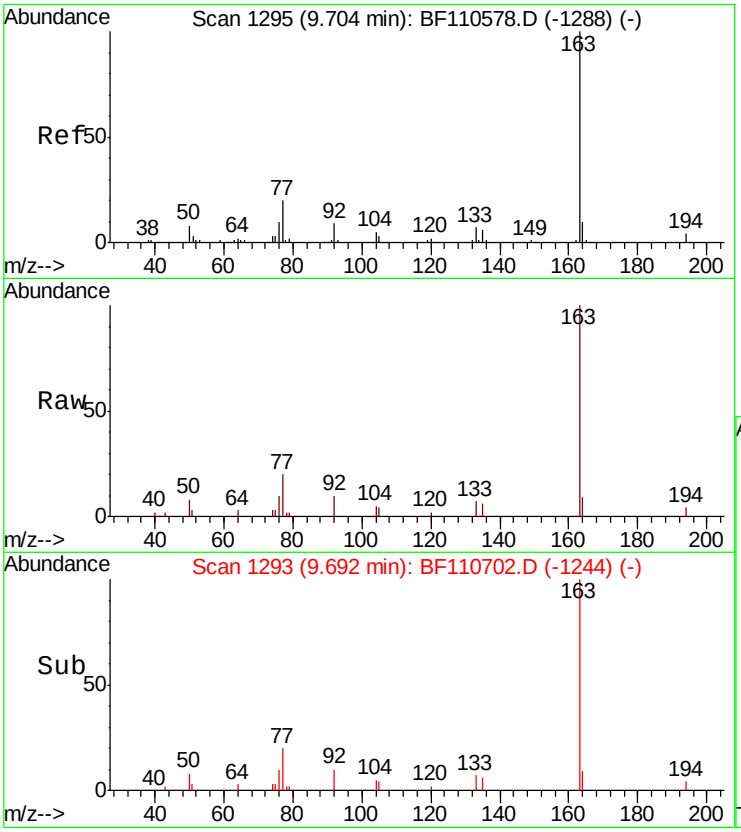


#45
2-Fluorobiphenyl
Concen: 91.164 ng
RT: 9.30 min Scan# 1226
Delta R.T. -0.01 min
Lab File: BF110702.D
Acq: 13 Nov 2018 4:55

Tgt Ion:172 Resp: 847454

Ion	Ratio	Lower	Upper
172	100		
171	36.0	28.6	43.0
170	23.5	19.7	29.5



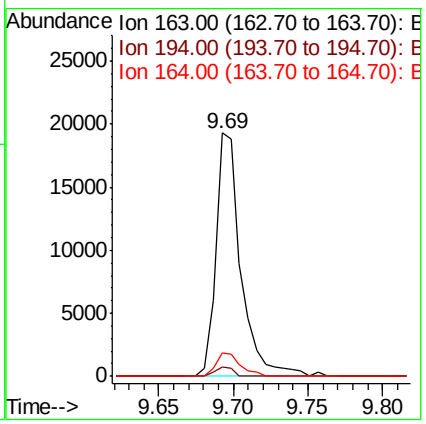


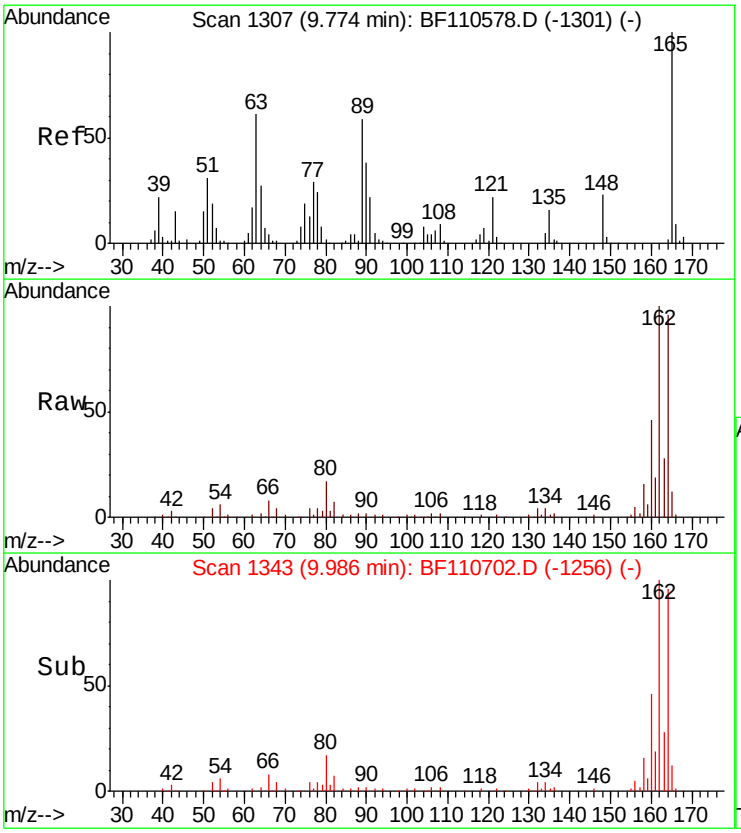
#50
Dimethylphthalate
Concen: 2.279 ng
RT: 9.69 min Scan# 1293
Delta R.T. -0.01 min
Lab File: BF110702.D
Acq: 13 Nov 2018 4:55

Instrument :
BNA_F
ClientSampleId :
110818-SIDI-F-D-S

Tgt Ion:163 Resp: 22577

Ion	Ratio	Lower	Upper
163	100		
194	3.8	3.2	4.8
164	9.4	8.1	12.1

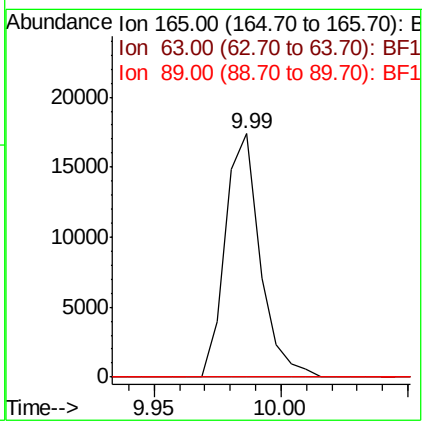


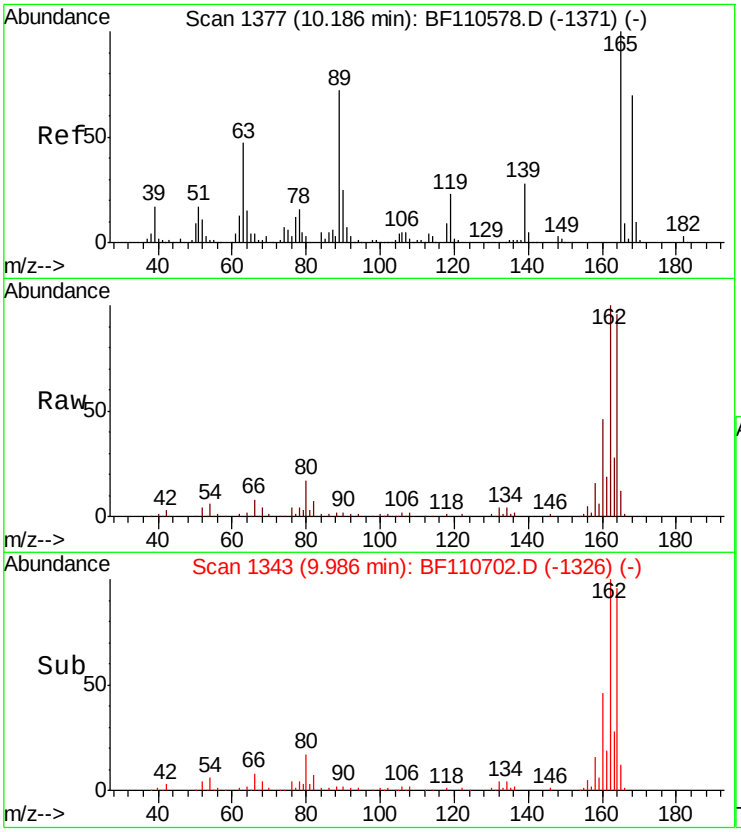


#51
2,6-Dinitrotoluene
Concen: 7.655 ng
RT: 9.99 min Scan# 1343
Delta R.T. 0.21 min
Lab File: BF110702.D
Acq: 13 Nov 2018 4:55

Tgt Ion:165 Resp: 16682

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



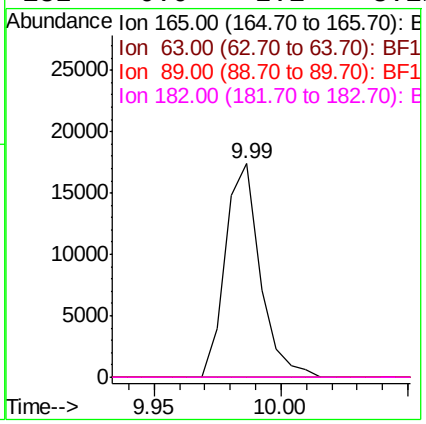


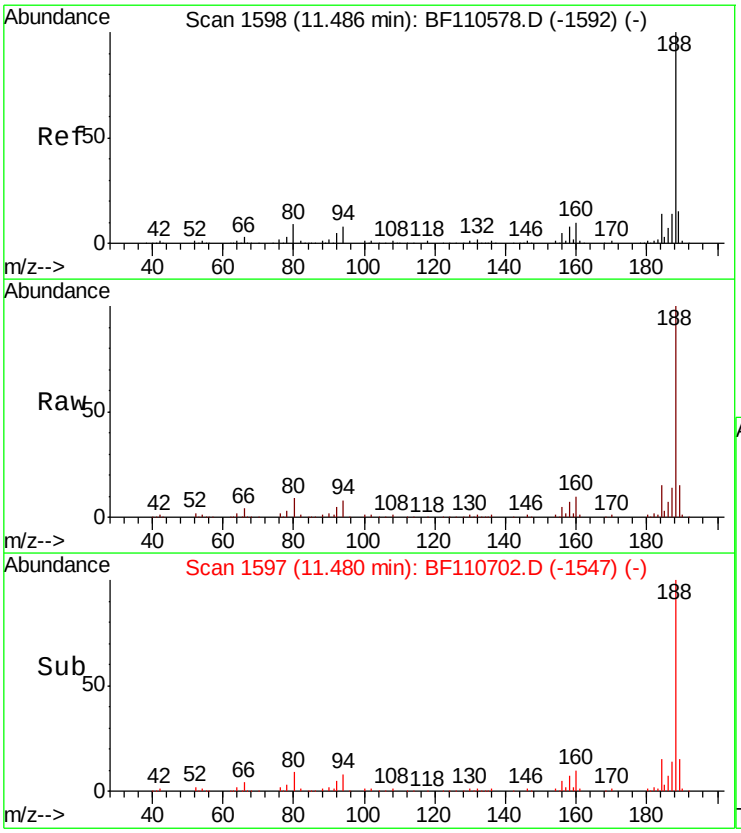
#57
2,4-Dinitrotoluene
Concen: 5.887 ng
RT: 9.99 min Scan# 1343
Delta R.T. -0.20 min
Lab File: BF110702.D
Acq: 13 Nov 2018 4:55

Instrument :
BNA_F
ClientSampleId :
110818-SIDI-F-D-S

Tgt Ion:165 Resp: 16682

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

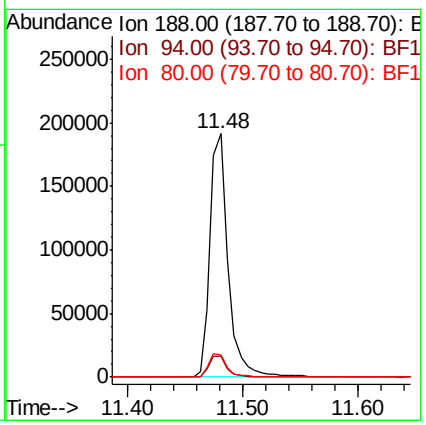


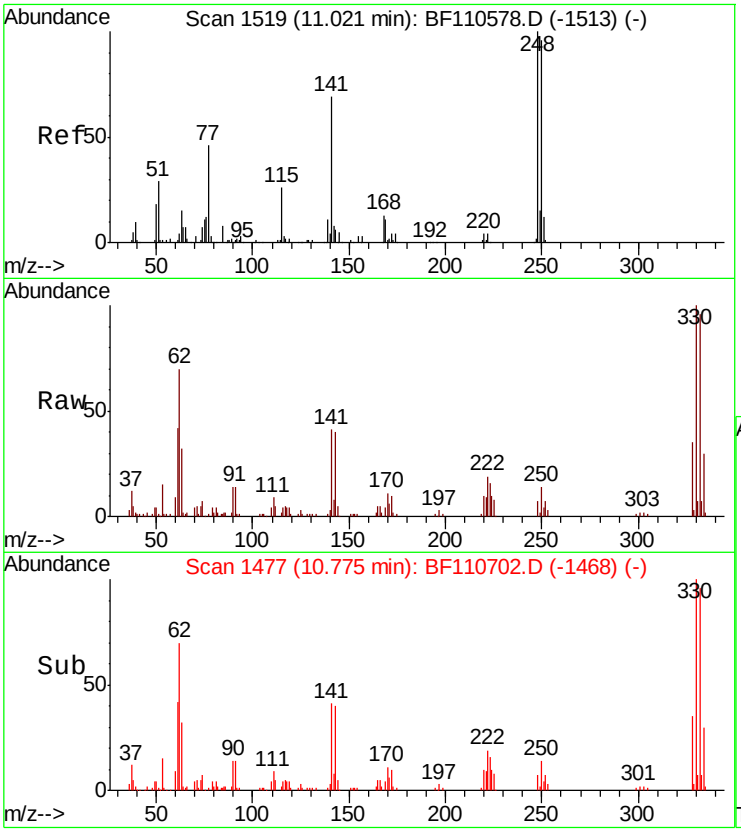


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.48 min Scan# 1597
Delta R.T. -0.01 min
Lab File: BF110702.D
Acq: 13 Nov 2018 4:55

Tgt Ion:188 Resp: 208485

Ion	Ratio	Lower	Upper
188	100		
94	8.3	7.2	10.8
80	8.9	7.9	11.9



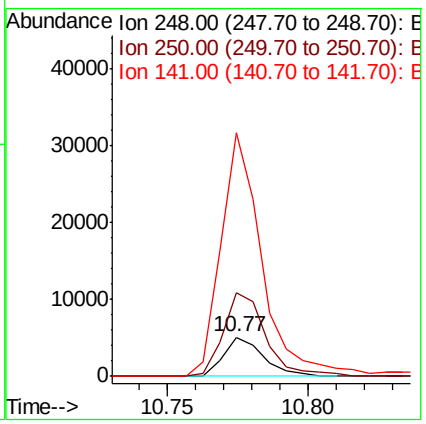


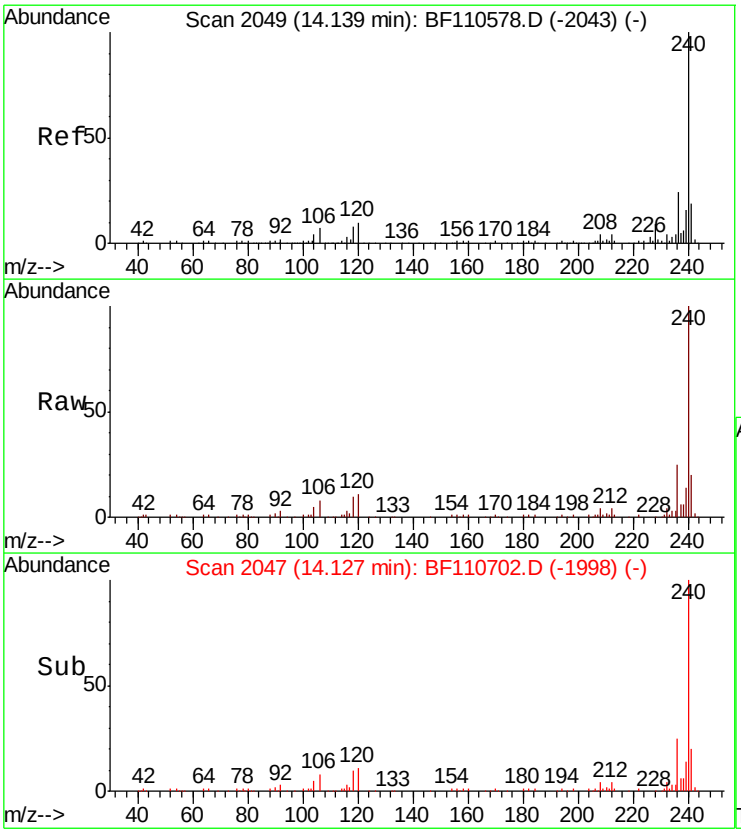
#67
4-Bromophenyl-phenylether
Concen: 2.149 ng
RT: 10.77 min Scan# 1477
Delta R.T. -0.25 min
Lab File: BF110702.D
Acq: 13 Nov 2018 4:55

Instrument :
BNA_F
ClientSampleId :
110818-SIDI-F-D-S

Tgt Ion:248 Resp: 4952

Ion	Ratio	Lower	Upper
248	100		
250	210.9	79.4	119.2#
141	617.8	55.9	83.9#

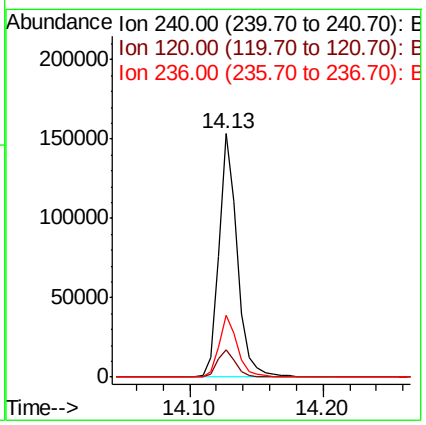


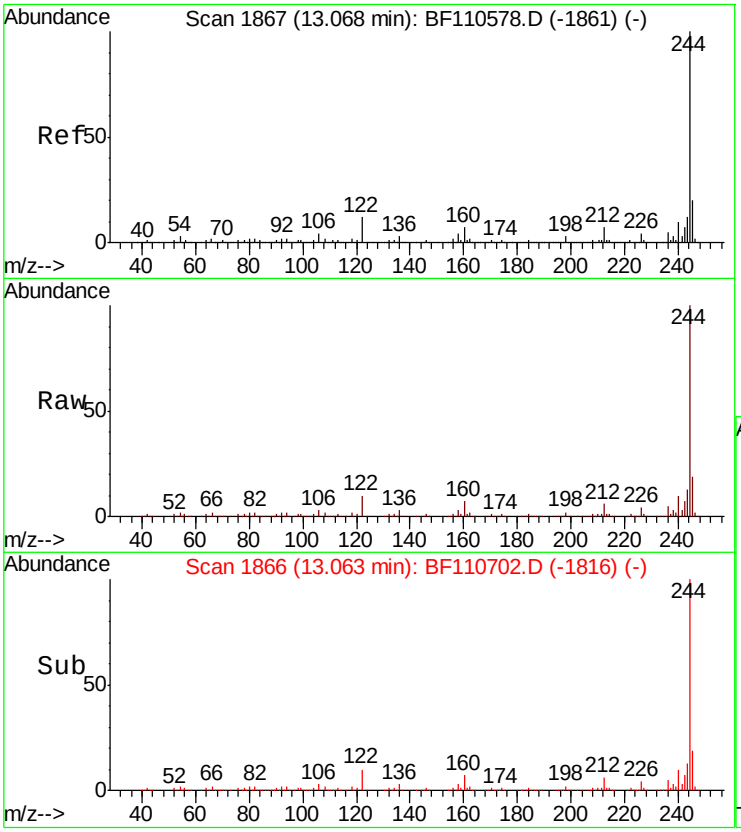


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.13 min Scan# 2047
Delta R.T. -0.01 min
Lab File: BF110702.D
Acq: 13 Nov 2018 4:55

Tgt Ion:240 Resp: 148484

Ion	Ratio	Lower	Upper
240	100		
120	11.3	8.3	12.5
236	25.2	21.2	31.8



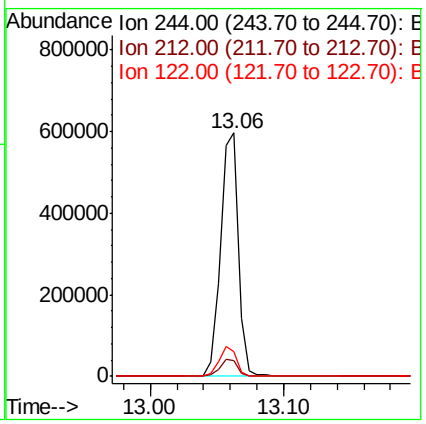


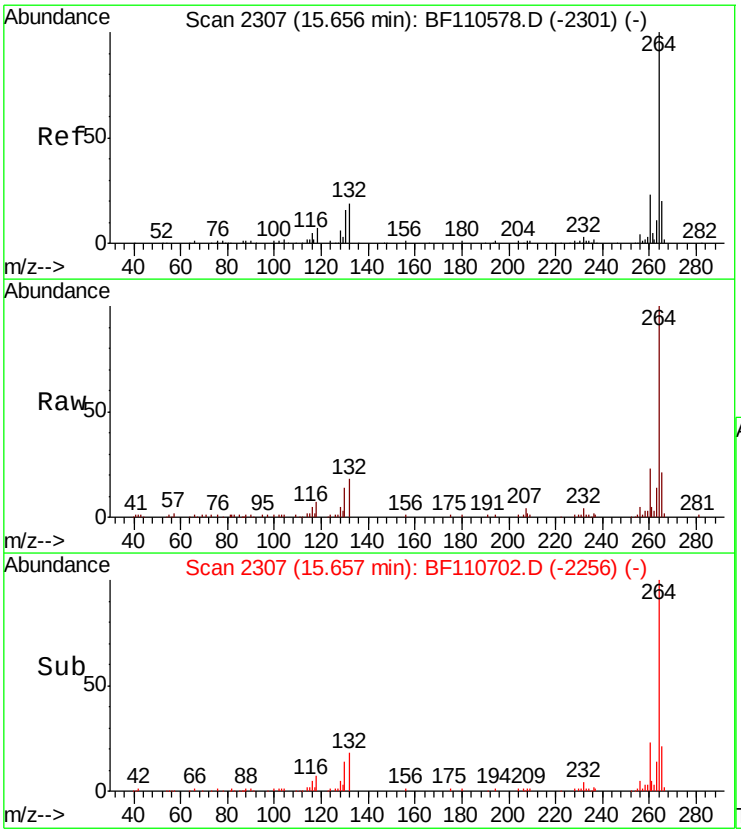
#79
Terphenyl-d14
Concen: 71.262 ng
RT: 13.06 min Scan# 1866
Delta R.T. -0.01 min
Lab File: BF110702.D
Acq: 13 Nov 2018 4:55

Instrument :
BNA_F
ClientSampleId :
110818-SIDI-F-D-S

Tgt Ion:244 Resp: 565011

Ion	Ratio	Lower	Upper
244	100		
212	6.5	5.8	8.8
122	10.1	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: BF110702.D
Acq: 13 Nov 2018 4:55

Tgt Ion:264 Resp: 108483

Ion	Ratio	Lower	Upper
264	100		
260	23.3	18.7	28.1
265	20.9	16.7	25.1