Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF112718\
Data File : BF111030.D
Acq On : 28 Nov 2018 1:36
Operator : JU/SJ
Sample : J5070-14
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 112118-CHDE-E-U-S

Quant Time: Nov 28 03:16:26 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF112618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 27 15:32:10 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	46643	20.00	ng	0.00
21) Naphthalene-d8	8.22	136	169783	20.00	ng	0.00
39) Acenaphthene-d10	9.98	164	68694	20.00	ng	0.00
64) Phenanthrene-d10	11.48	188	134956	20.00	ng	0.00
76) Chrysene-d12	14.13	240	112907	20.00	ng	0.00
87) Perylene-d12	15.67	264	71506	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	114872	40.84	ng	0.01
7) Phenol-d6	6.57	99	79658	21.73	ng	0.00
23) Nitrobenzene-d5	7.50	82	281323	94.83	ng	0.00
42) 2,4,6-Tribromophenol	10.78	330	60317	88.41	ng	0.00
45) 2-Fluorobiphenyl	9.29	172	466771	98.44	ng	0.00
79) Terphenyl-d14	13.06	244	514130	88.64	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	7.50	70	36014	15.084	ng	# 81
25) Isophorone	7.50	82	281323	57.810	ng	# 67
51) 2,6-Dinitrotoluene	9.98	165	8671	7.731	ng	# 21
57) 2,4-Dinitrotoluene	9.98	165	8671	5.959	ng	# 17
67) 4-Bromophenyl-phenylether	10.78	248	3642	2.478	ng	# 1
77) Benzidine	13.06	184	6863	2.376	ng	# 92

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF112718\
Data File : BF111030.D
Acq On : 28 Nov 2018 1:36
Operator : JU/SJ
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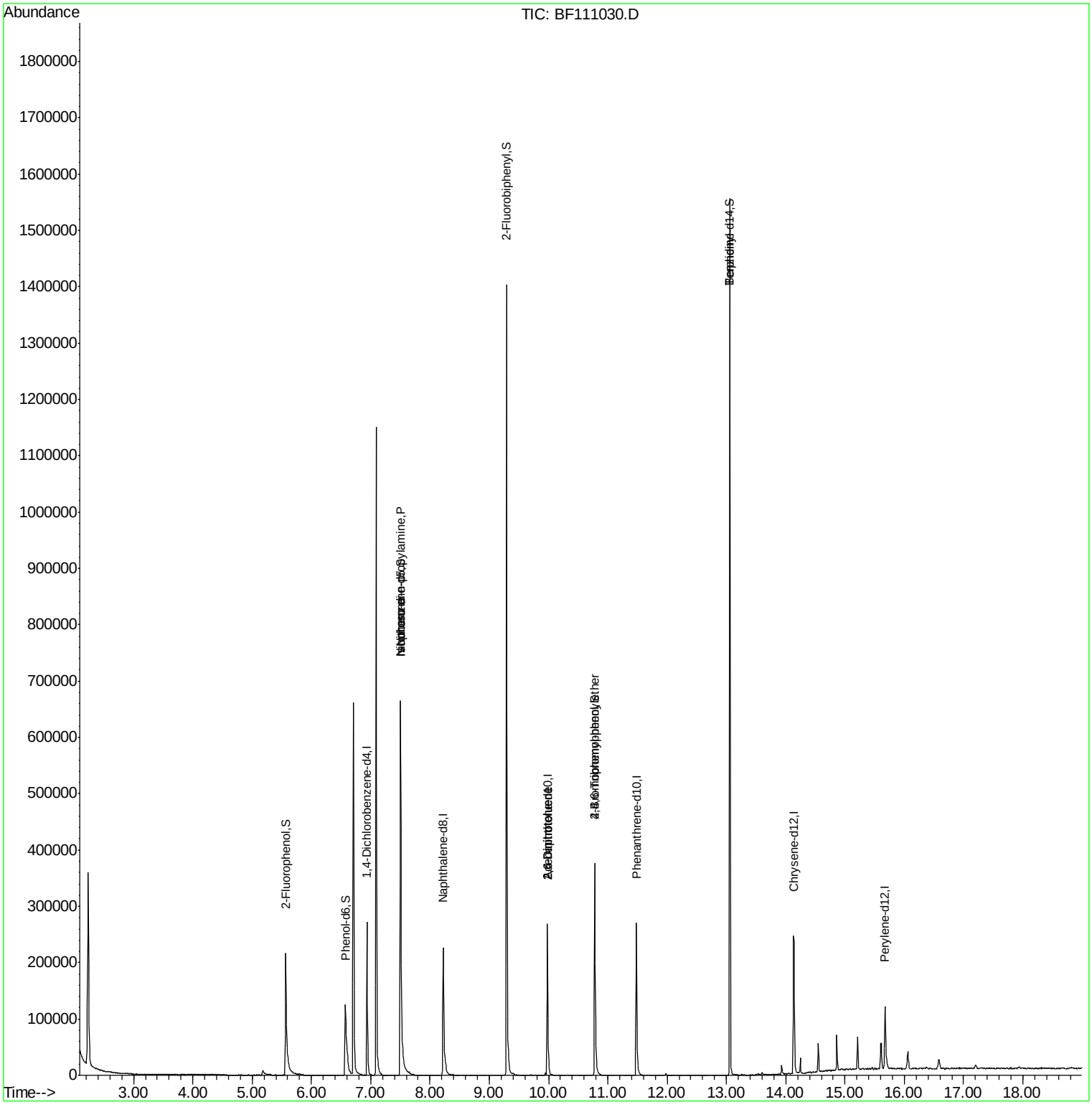
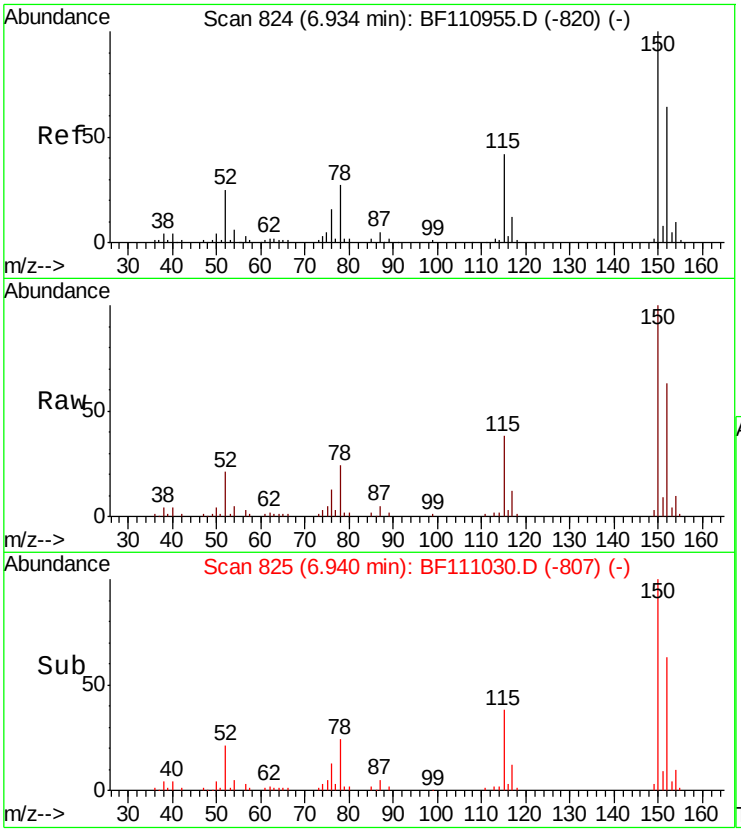
Instrument :
BNA_F
ClientSampleId :
112118-CHDE-E-U-S

Quant Time: Nov 28 03:16:26 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF112618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 27 15:32:10 2018
Response via : Initial Calibration



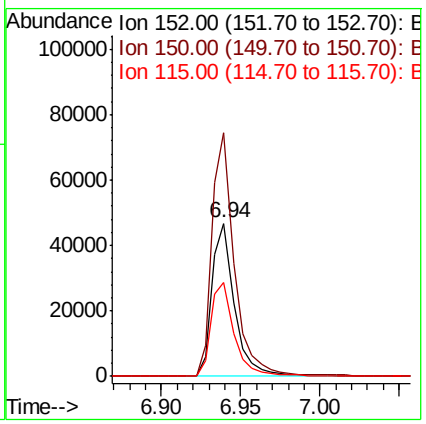


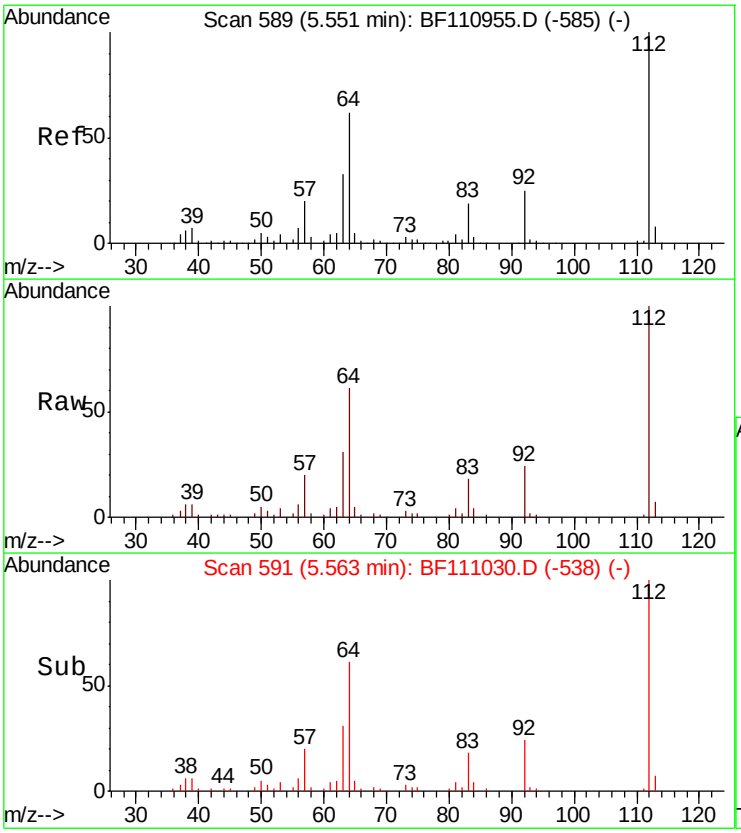
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.94 min Scan# 825
Delta R.T. 0.01 min
Lab File: BF111030.D
Acq: 28 Nov 2018 1:36

Instrument :
BNA_F
ClientSampleId :
112118-CHDE-E-U-S

Tgt Ion:152 Resp: 46643

Ion	Ratio	Lower	Upper
152	100		
150	159.3	122.7	184.1
115	61.2	49.1	73.7

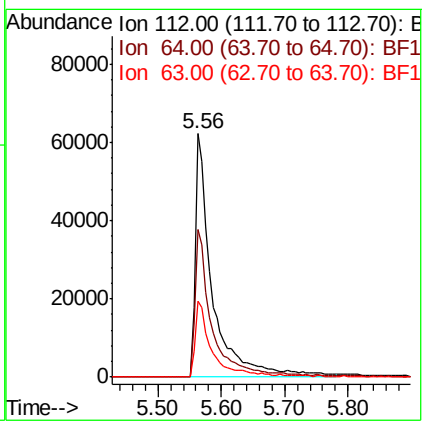


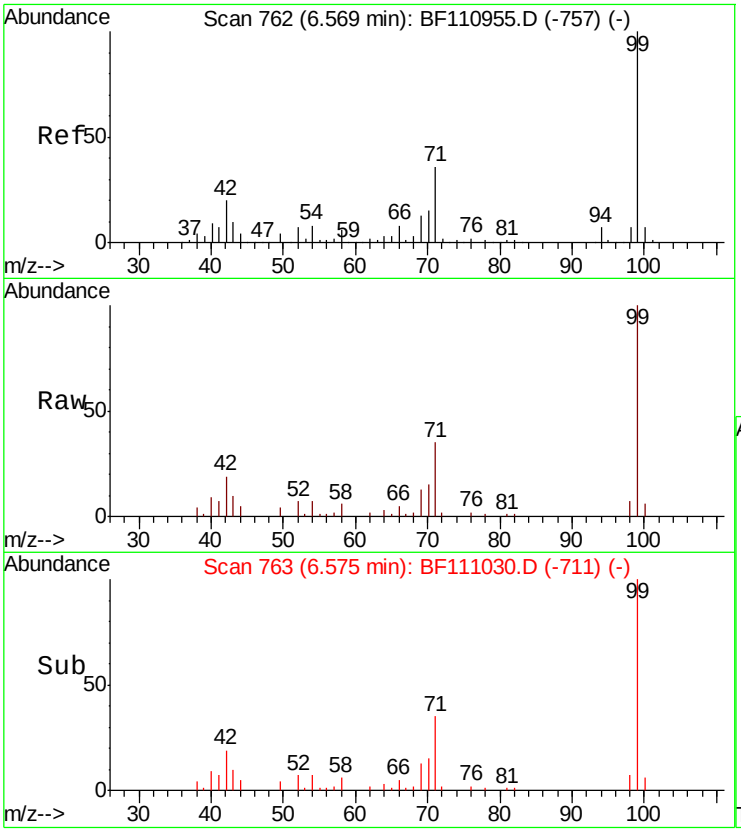


#5
2-Fluorophenol
Concen: 40.841 ng
RT: 5.56 min Scan# 591
Delta R.T. 0.01 min
Lab File: BF111030.D
Acq: 28 Nov 2018 1:36

Tgt Ion:112 Resp: 114872

Ion	Ratio	Lower	Upper
112	100		
64	60.9	44.1	66.1
63	31.4	23.7	35.5



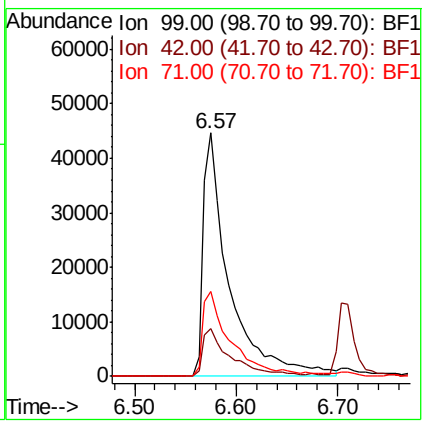


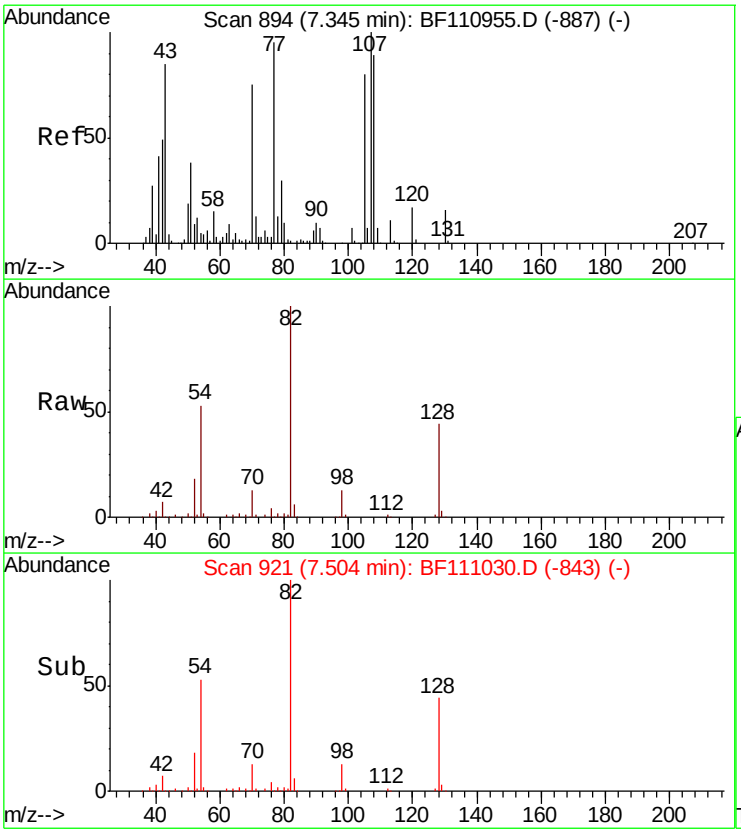
#7
Phenol-d6
Concen: 21.733 ng
RT: 6.57 min Scan# 763
Delta R.T. 0.01 min
Lab File: BF111030.D
Acq: 28 Nov 2018 1:36

Instrument :
BNA_F
ClientSampleId :
112118-CHDE-E-U-S

Tgt Ion: 99 Resp: 79658

Ion	Ratio	Lower	Upper
99	100		
42	19.4	15.8	23.6
71	34.7	28.0	42.0

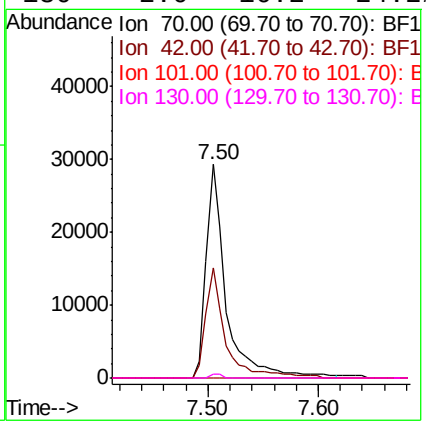


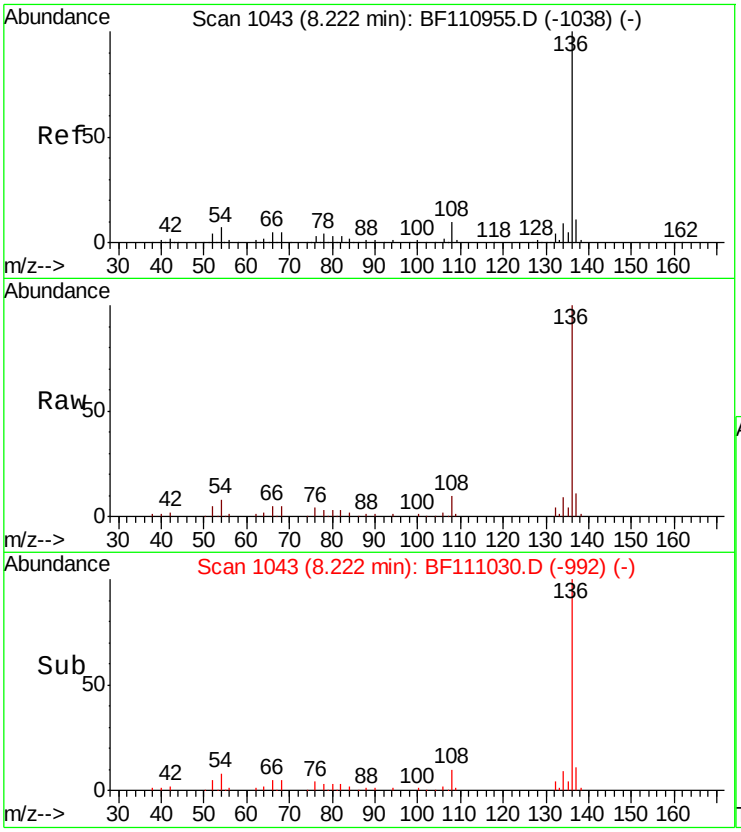


#19
n-Nitroso-di-n-propylamine
Concen: 15.084 ng
RT: 7.50 min Scan# 921
Delta R.T. 0.16 min
Lab File: BF111030.D
Acq: 28 Nov 2018 1:36

Tgt Ion: 70 Resp: 36014

Ion	Ratio	Lower	Upper
70	100		
42	51.3	47.4	71.2
101	0.0	7.3	10.9#
130	2.0	16.2	24.2#



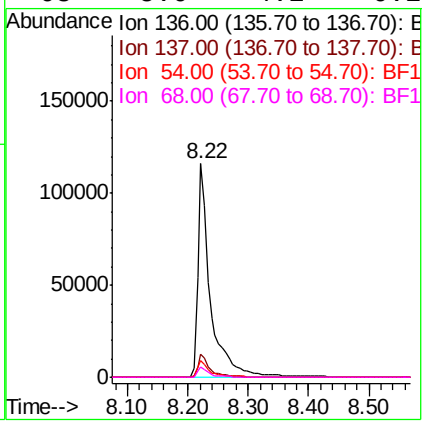


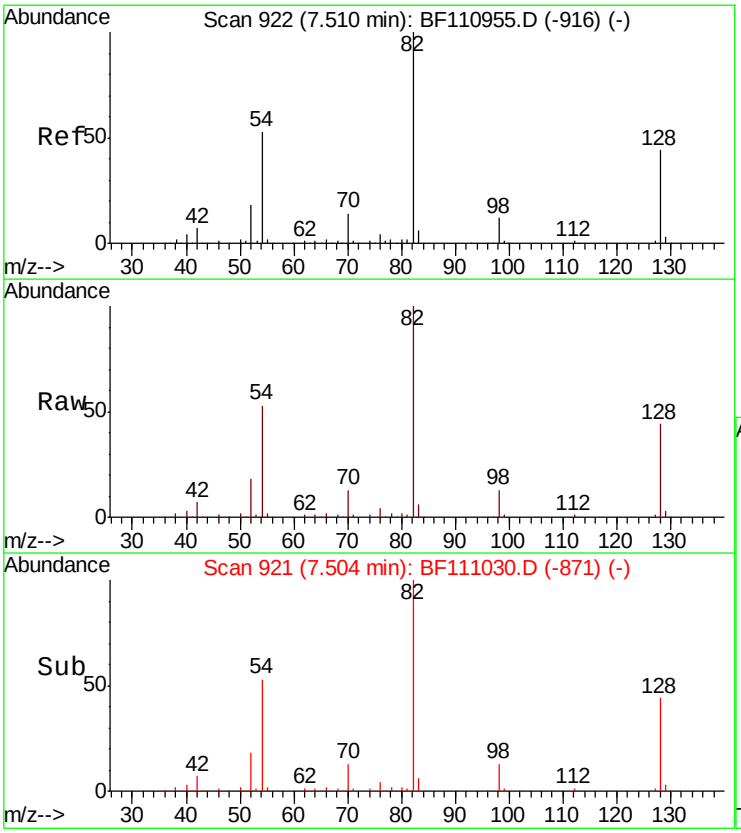
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.22 min Scan# 1043
Delta R.T. -0.00 min
Lab File: BF111030.D
Acq: 28 Nov 2018 1:36

Instrument :
BNA_F
ClientSampleId :
112118-CHDE-E-U-S

Tgt Ion:136 Resp: 169783

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	7.9	5.4	8.2
68	5.0	4.2	6.2

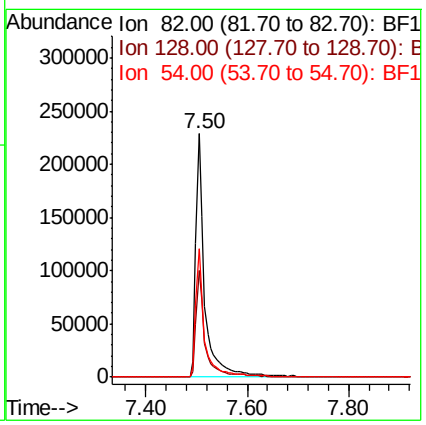


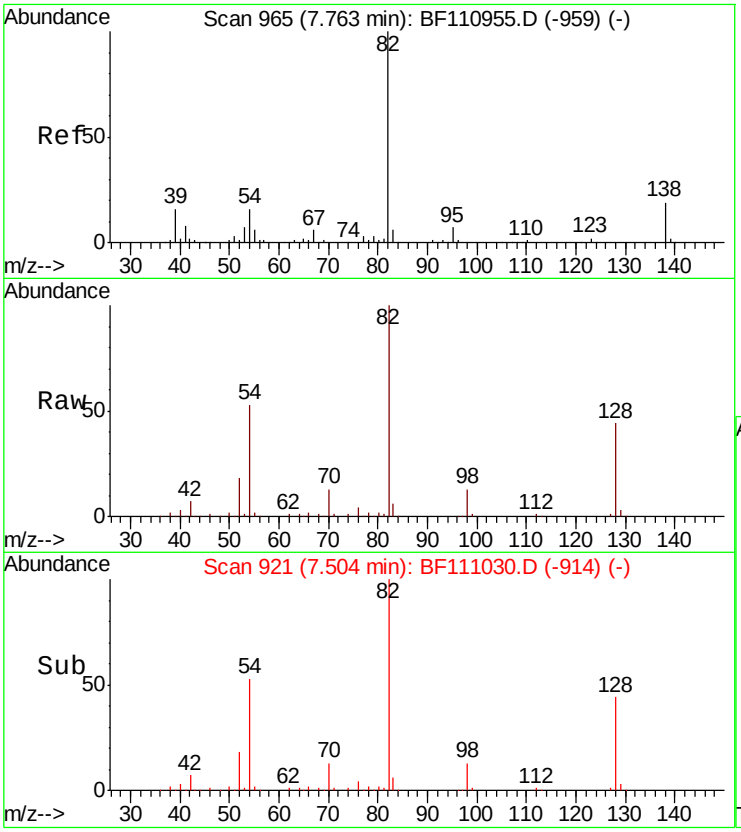


#23
Nitrobenzene-d5
Concen: 94.829 ng
RT: 7.50 min Scan# 921
Delta R.T. -0.01 min
Lab File: BF111030.D
Acq: 28 Nov 2018 1:36

Tgt Ion: 82 Resp: 281323

Ion	Ratio	Lower	Upper
82	100		
128	43.7	34.2	51.2
54	53.0	38.6	58.0



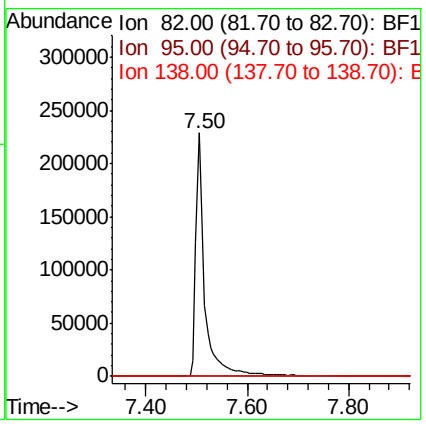


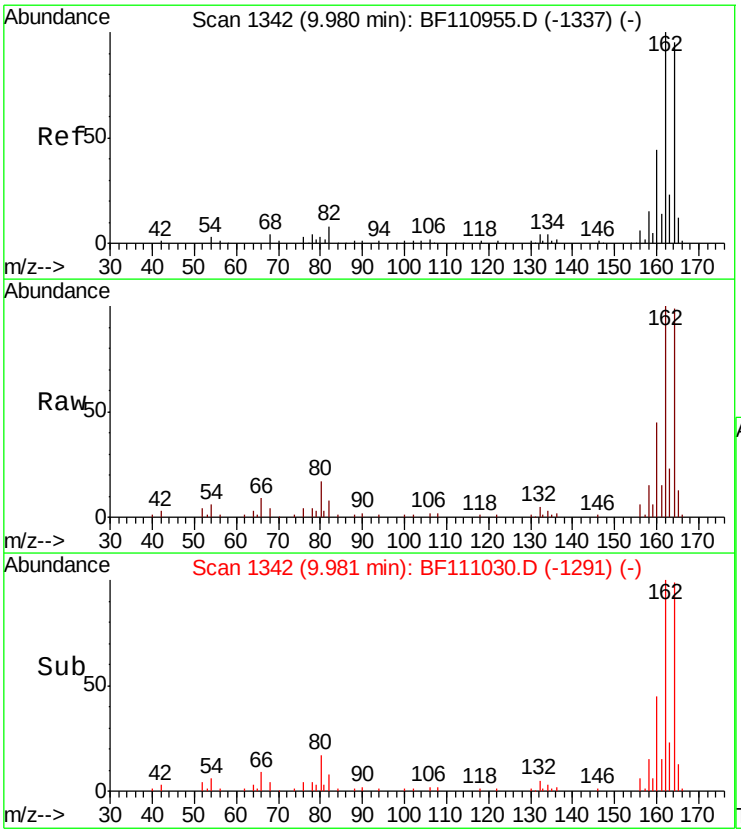
#25
Isophorone
Concen: 57.810 ng
RT: 7.50 min Scan# 921
Delta R.T. -0.26 min
Lab File: BF111030.D
Acq: 28 Nov 2018 1:36

Instrument :
BNA_F
ClientSampleId :
112118-CHDE-E-U-S

Tgt Ion: 82 Resp: 281323

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

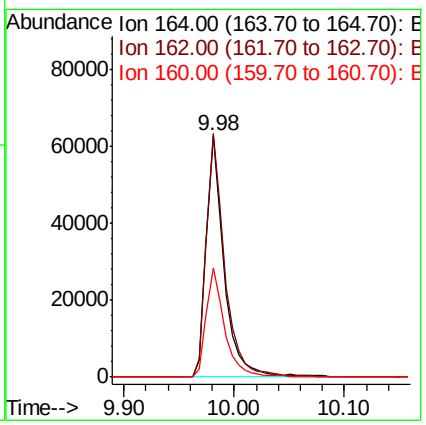


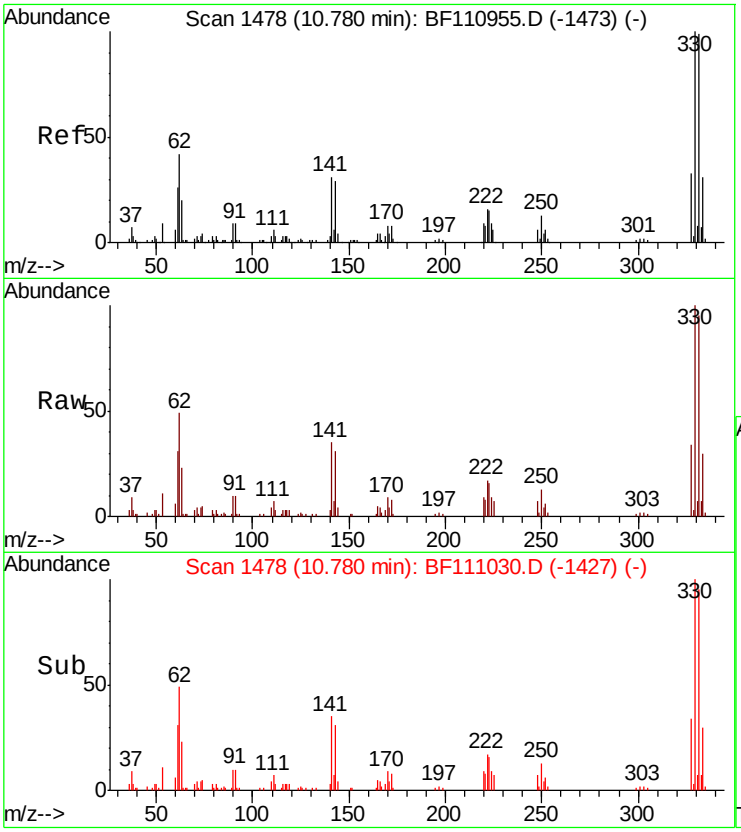


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.98 min Scan# 1342
Delta R.T. -0.00 min
Lab File: BF111030.D
Acq: 28 Nov 2018 1:36

Tgt Ion:164 Resp: 68694

Ion	Ratio	Lower	Upper
164	100		
162	101.0	83.0	124.6
160	45.3	37.0	55.6



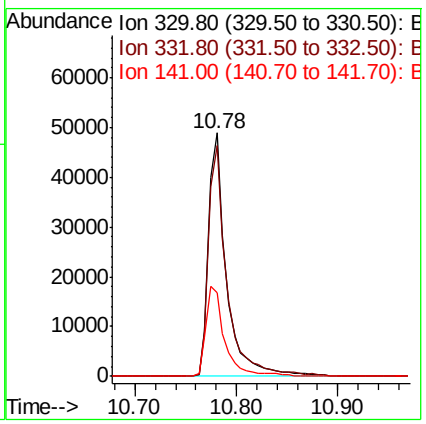


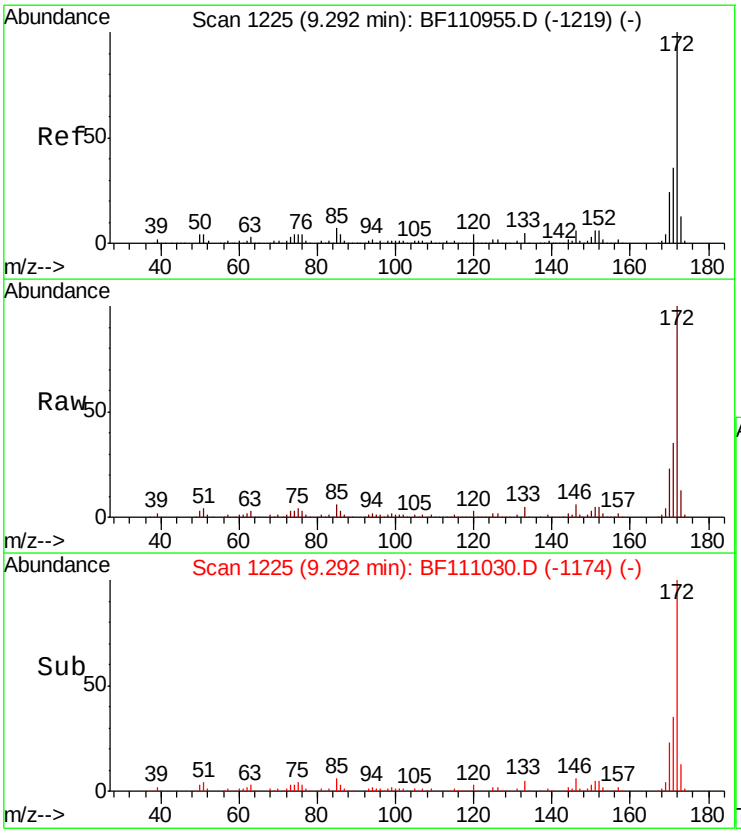
#42
2,4,6-Tribromophenol
Concen: 88.412 ng
RT: 10.78 min Scan# 1478
Delta R.T. -0.00 min
Lab File: BF111030.D
Acq: 28 Nov 2018 1:36

Instrument :
BNA_F
ClientSampleId :
112118-CHDE-E-U-S

Tgt Ion:330 Resp: 60317

Ion	Ratio	Lower	Upper
330	100		
332	97.0	77.1	115.7
141	38.8	27.0	40.4

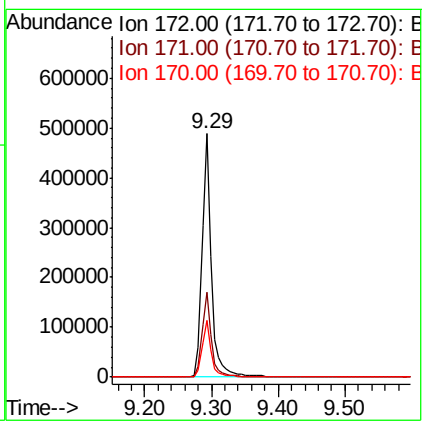


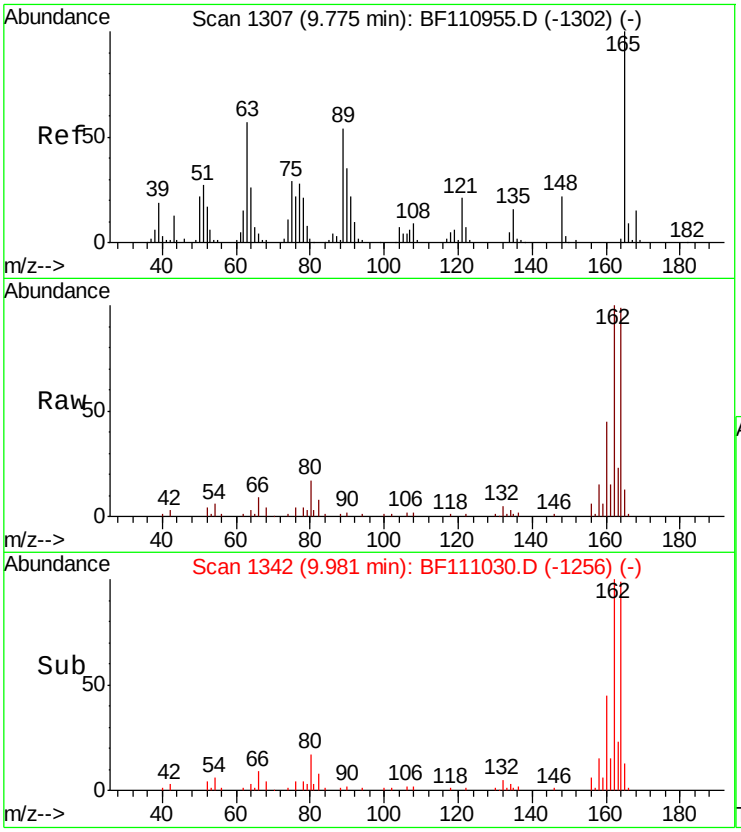


#45
2-Fluorobiphenyl
Concen: 98.443 ng
RT: 9.29 min Scan# 1225
Delta R.T. -0.00 min
Lab File: BF111030.D
Acq: 28 Nov 2018 1:36

Tgt Ion:172 Resp: 466771

Ion	Ratio	Lower	Upper
172	100		
171	34.6	28.6	43.0
170	23.1	19.7	29.5



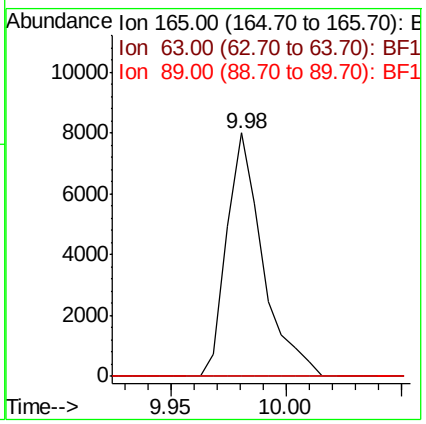


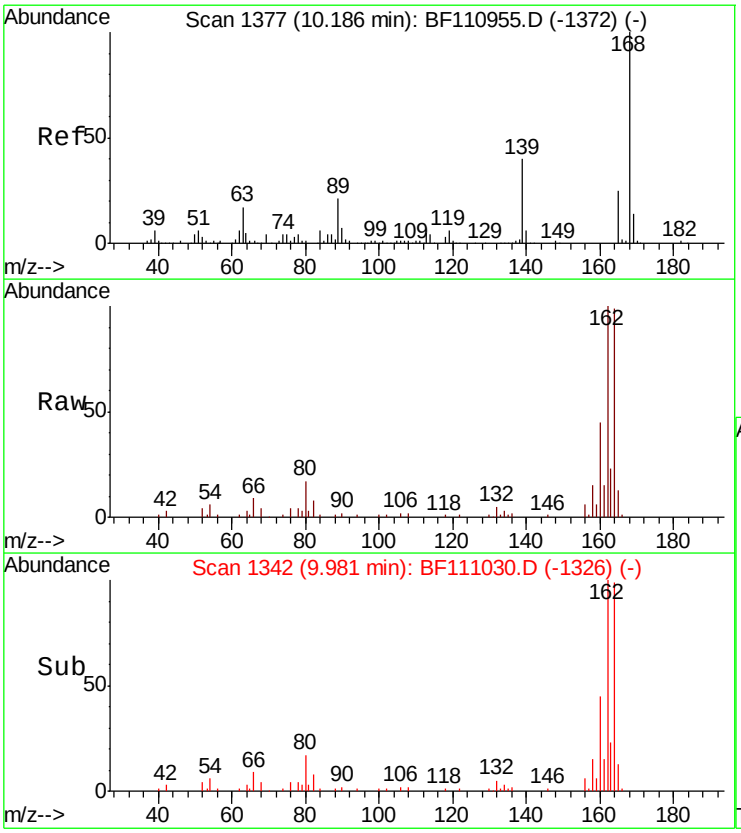
#51
2,6-Dinitrotoluene
Concen: 7.731 ng
RT: 9.98 min Scan# 1342
Delta R.T. 0.21 min
Lab File: BF111030.D
Acq: 28 Nov 2018 1:36

Instrument :
BNA_F
ClientSampleId :
112118-CHDE-E-U-S

Tgt Ion:165 Resp: 8671

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

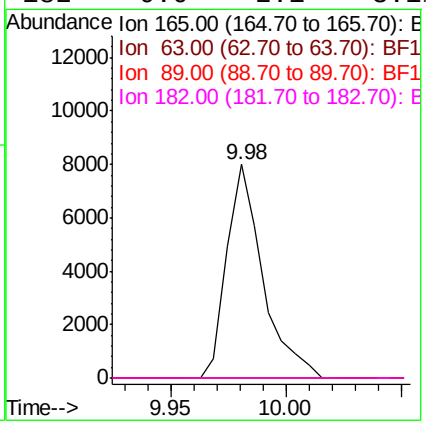


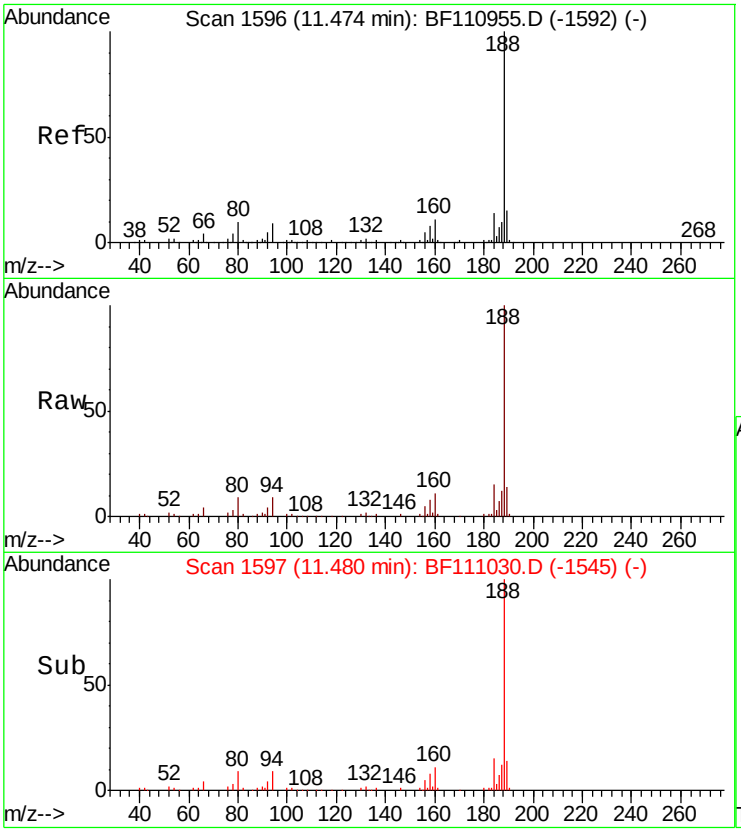


#57
2,4-Dinitrotoluene
Concen: 5.959 ng
RT: 9.98 min Scan# 1342
Delta R.T. -0.21 min
Lab File: BF111030.D
Acq: 28 Nov 2018 1:36

Tgt Ion:165 Resp: 8671

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#



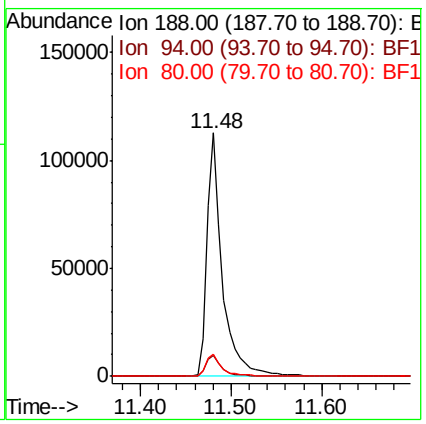


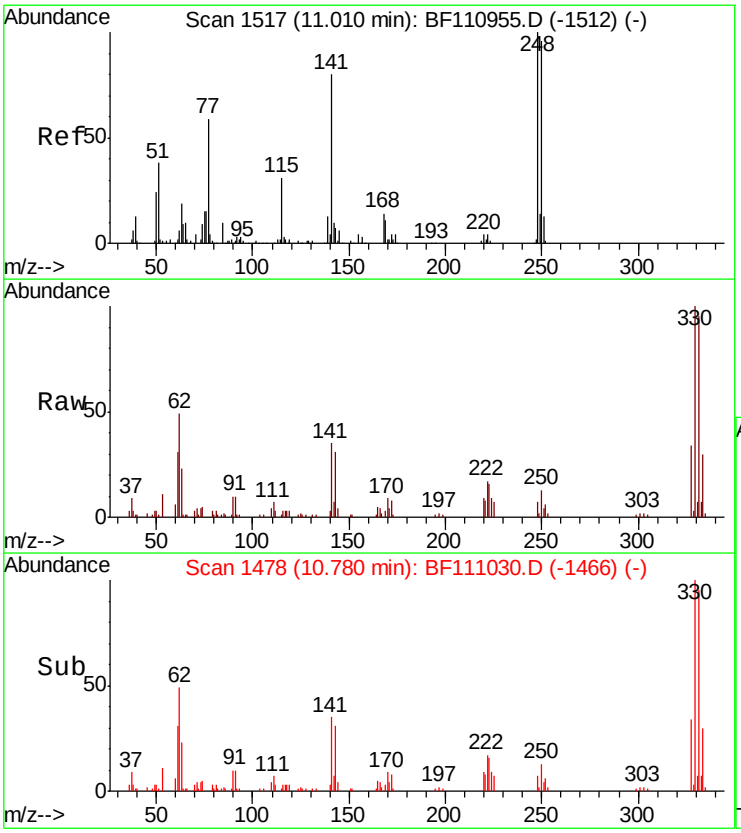
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.48 min Scan# 1597
Delta R.T. 0.01 min
Lab File: BF111030.D
Acq: 28 Nov 2018 1:36

Instrument :
BNA_F
ClientSampleId :
112118-CHDE-E-U-S

Tgt Ion:188 Resp: 134956

Ion	Ratio	Lower	Upper
188	100		
94	8.5	7.2	10.8
80	9.3	7.9	11.9

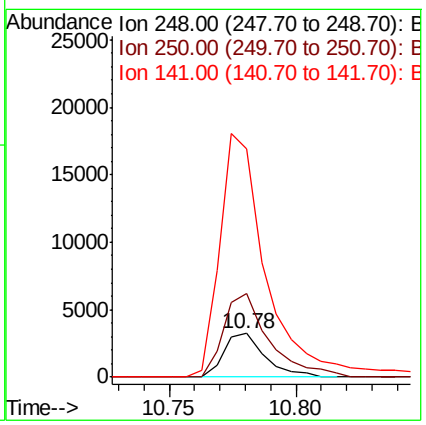


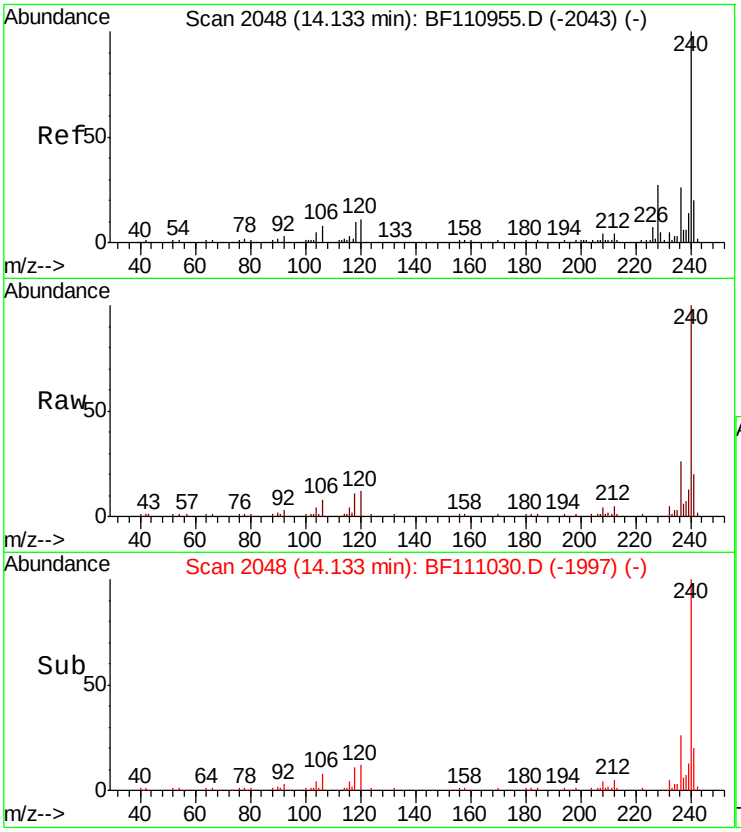


#67
4-Bromophenyl-phenylether
Concen: 2.478 ng
RT: 10.78 min Scan# 1478
Delta R.T. -0.23 min
Lab File: BF111030.D
Acq: 28 Nov 2018 1:36

Tgt Ion:248 Resp: 3642

Ion	Ratio	Lower	Upper
248	100		
250	191.5	79.4	119.2#
141	526.2	55.9	83.9#



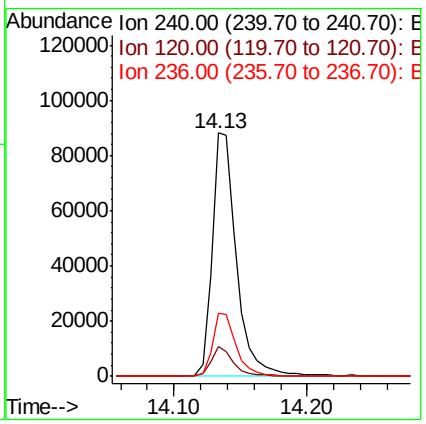


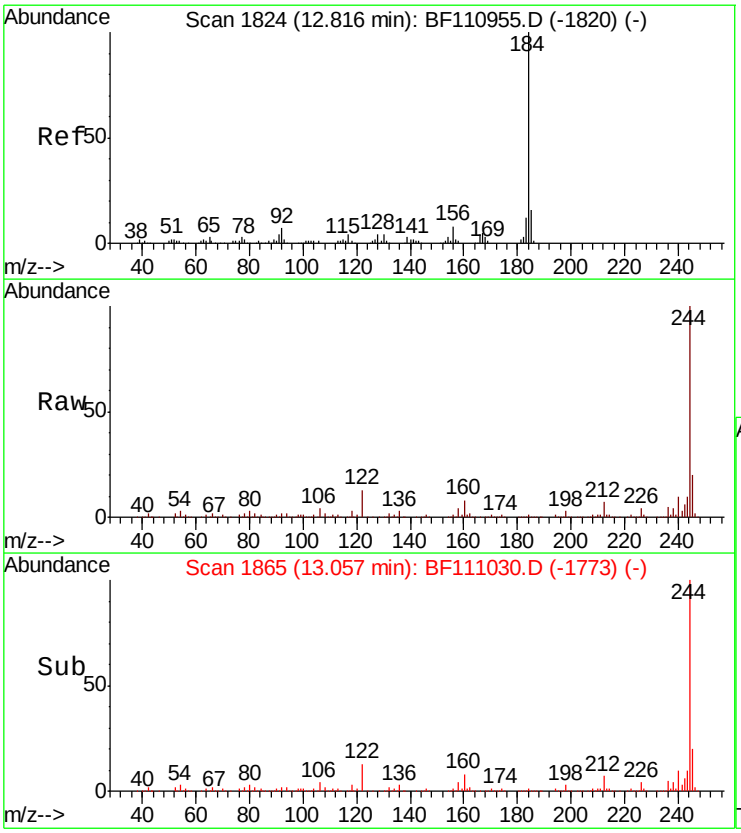
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.13 min Scan# 2048
Delta R.T. -0.00 min
Lab File: BF111030.D
Acq: 28 Nov 2018 1:36

Instrument :
BNA_F
ClientSampleId :
112118-CHDE-E-U-S

Tgt Ion:240 Resp: 112907

Ion	Ratio	Lower	Upper
240	100		
120	12.3	8.3	12.5
236	25.7	21.2	31.8

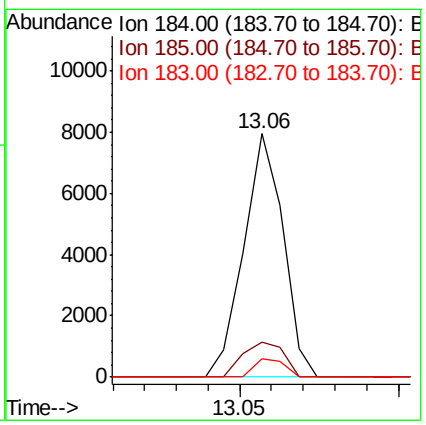


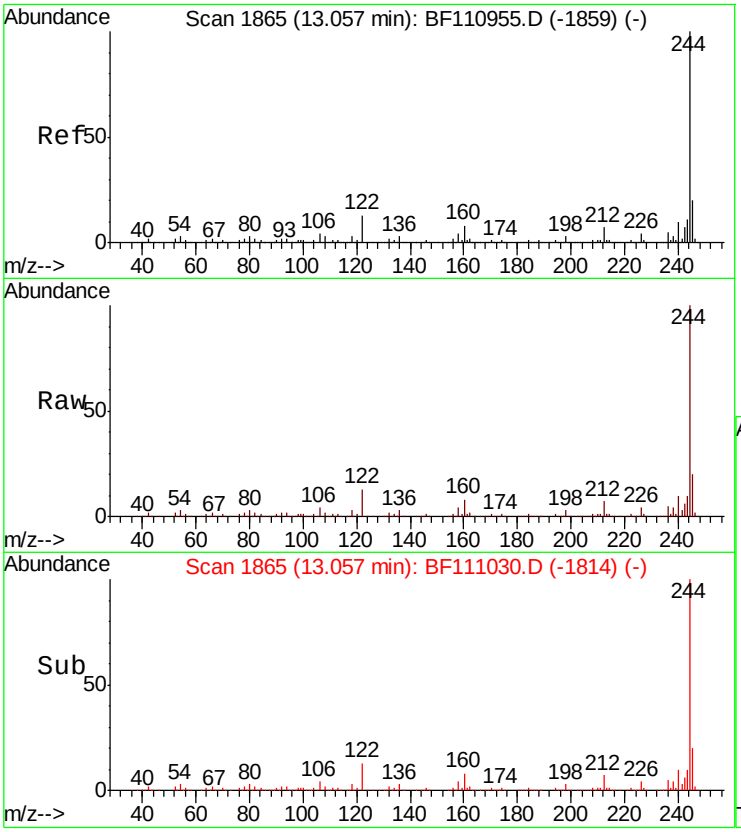


#77
Benzidine
Concen: 2.376 ng
RT: 13.06 min Scan# 1865
Delta R.T. 0.24 min
Lab File: BF111030.D
Acq: 28 Nov 2018 1:36

Tgt Ion:184 Resp: 6863

Ion	Ratio	Lower	Upper
184	100		
185	14.3	13.4	20.2
183	7.5	9.4	14.2#



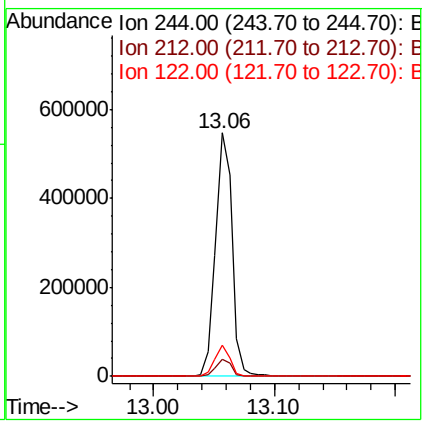


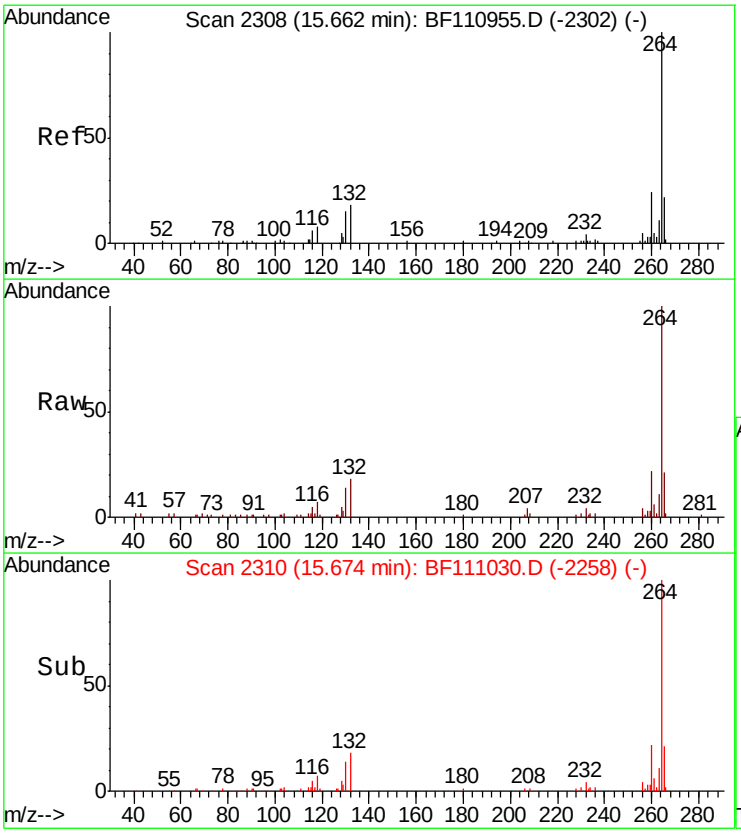
#79
Terphenyl-d14
Concen: 88.642 ng
RT: 13.06 min Scan# 1865
Delta R.T. -0.00 min
Lab File: BF111030.D
Acq: 28 Nov 2018 1:36

Instrument :
BNA_F
ClientSampleId :
112118-CHDE-E-U-S

Tgt Ion:244 Resp: 514130

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.8	8.8
122	12.9	8.7	13.1





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.67 min Scan# 2310
Delta R.T. 0.01 min
Lab File: BF111030.D
Acq: 28 Nov 2018 1:36

Tgt Ion:264 Resp: 71506

Ion	Ratio	Lower	Upper
264	100		
260	22.3	18.7	28.1
265	21.3	16.7	25.1