Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF112618\
Data File : BF110992.D
Acq On : 27 Nov 2018 5:15
Operator : JU/SJ
Sample : J6061-16
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 112018-DBRI-E-U-S

Quant Time: Nov 27 06:32:49 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 03:04:49 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	54803	20.00	ng		0.00
21) Naphthalene-d8	8.22	136	207063	20.00	ng		0.00
39) Acenaphthene-d10	9.98	164	81112	20.00	ng		0.00
64) Phenanthrene-d10	11.48	188	147945	20.00	ng		0.00
76) Chrysene-d12	14.13	240	96152	20.00	ng		0.00
87) Perylene-d12	15.67	264	70735	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.56	112	128227	38.80	ng		0.00
7) Phenol-d6	6.57	99	95735	22.23	ng		-0.02
23) Nitrobenzene-d5	7.50	82	313852	86.75	ng		0.00
42) 2,4,6-Tribromophenol	10.78	330	67076	83.27	ng		0.00
45) 2-Fluorobiphenyl	9.29	172	563563	100.66	ng		0.00
79) Terphenyl-d14	13.06	244	488559	98.91	ng		0.00
Target Compounds							Qvalue
10) Phenol	6.59	94	10803	2.227	ng		80
19) n-Nitroso-di-n-propylamine	7.50	70	41756	14.885	ng	#	78
25) Isophorone	7.50	82	313852	52.883	ng	#	67
51) 2,6-Dinitrotoluene	9.98	165	10157	7.670	ng	#	21
57) 2,4-Dinitrotoluene	9.98	165	10157	5.911	ng	#	17
67) 4-Bromophenyl-phenylether	10.77	248	3899	2.420	ng	#	1
77) Benzidine	13.06	184	6406	2.605	ng	#	96

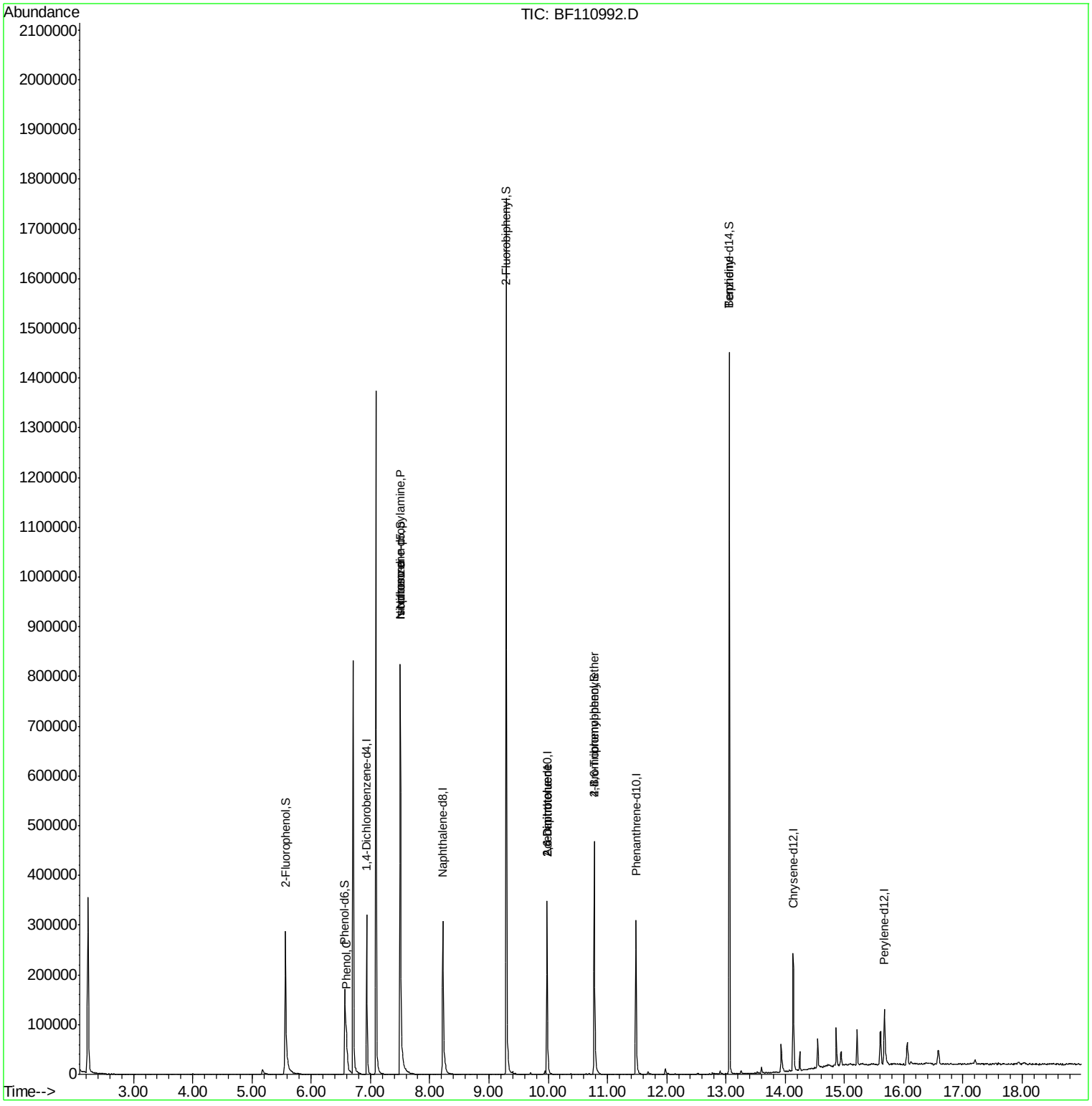
(#) = qualifier out of range (m) = manual integration (+) = signals summed

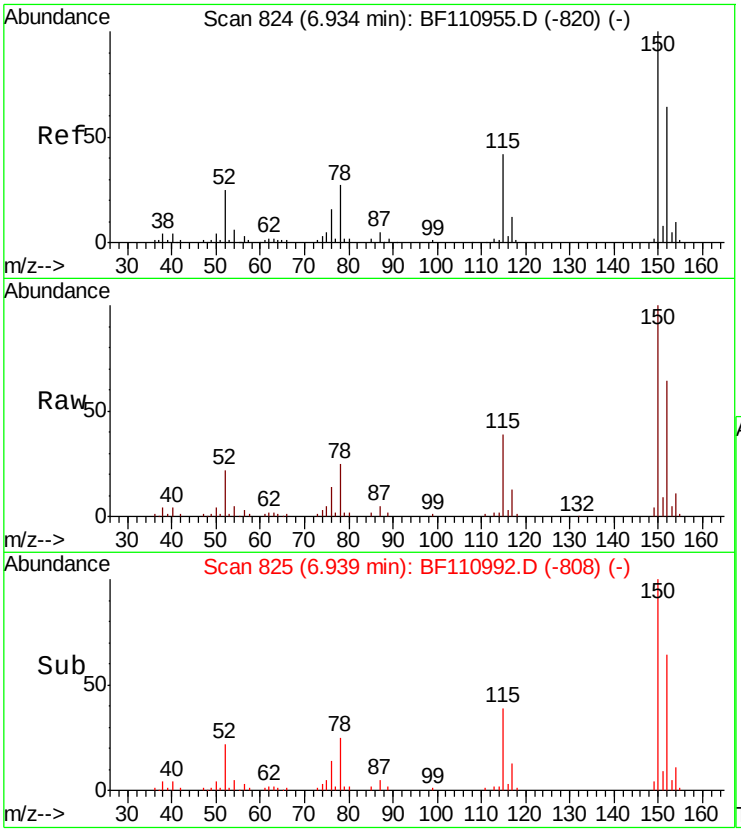
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF112618\
Data File : BF110992.D
Acq On : 27 Nov 2018 5:15
Operator : JU/SJ
Sample : J6061-16
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
112018-DBRI-E-U-S

Quant Time: Nov 27 06:32:49 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 03:04:49 2018
Response via : Initial Calibration



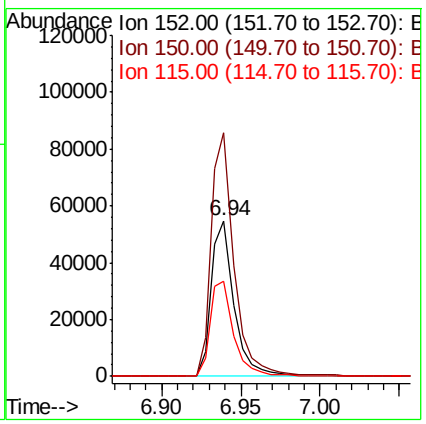


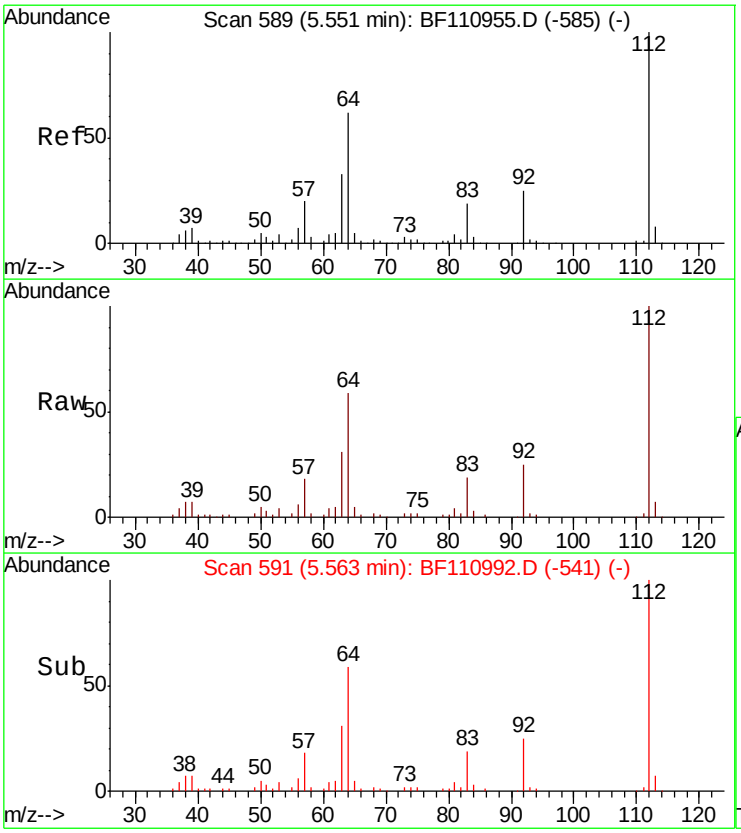
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.94 min Scan# 825
Delta R.T. -0.00 min
Lab File: BF110992.D
Acq: 27 Nov 2018 5:15

Instrument :
BNA_F
ClientSampleId :
112018-DBRI-E-U-S

Tgt Ion:152 Resp: 54803

Ion	Ratio	Lower	Upper
152	100		
150	156.6	122.7	184.1
115	61.0	49.1	73.7

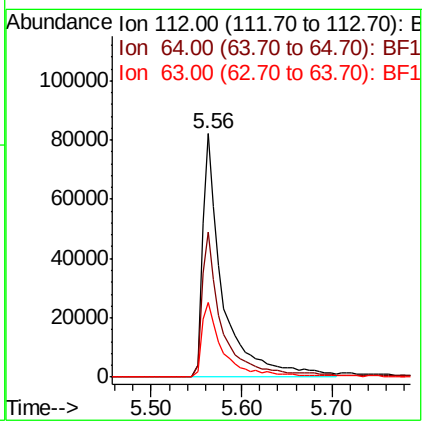


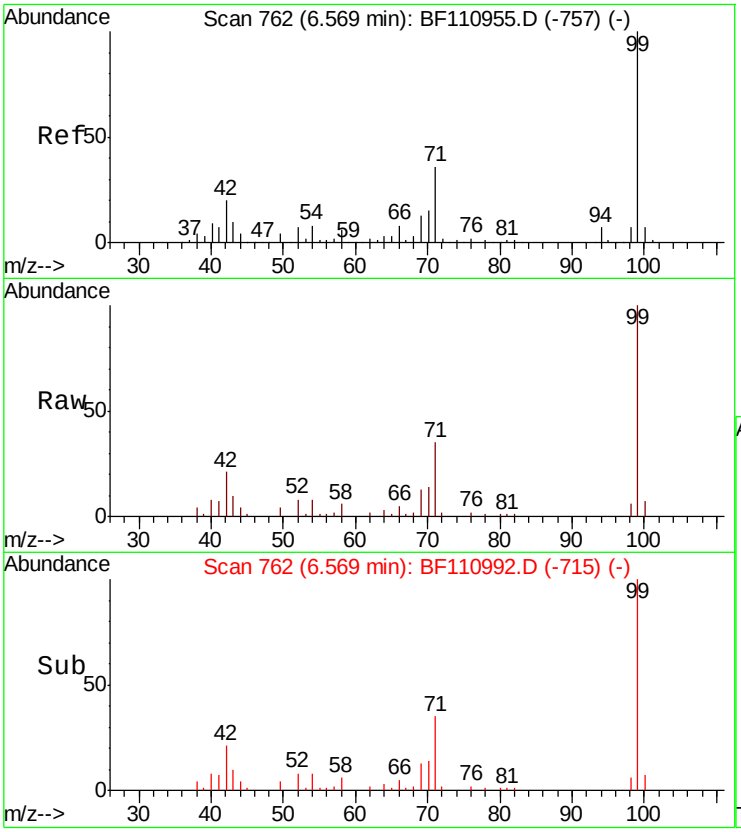


#5
2-Fluorophenol
Concen: 38.801 ng
RT: 5.56 min Scan# 591
Delta R.T. -0.01 min
Lab File: BF110992.D
Acq: 27 Nov 2018 5:15

Tgt Ion:112 Resp: 128227

Ion	Ratio	Lower	Upper
112	100		
64	59.4	44.1	66.1
63	30.9	23.7	35.5



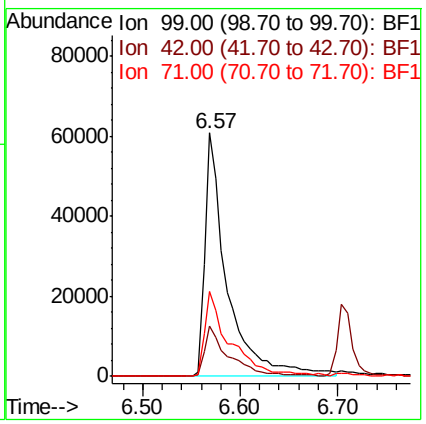


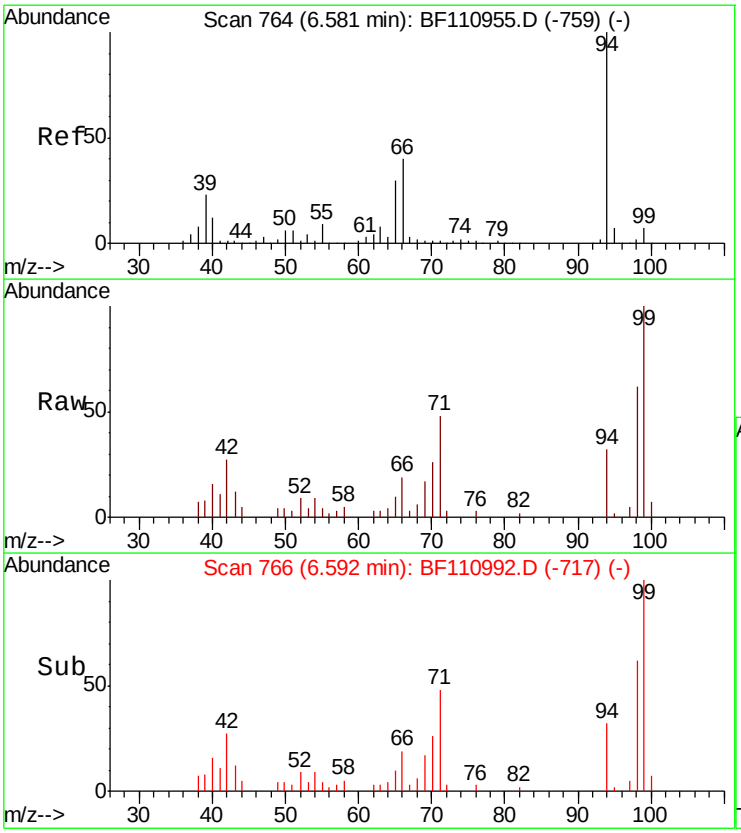
#7
Phenol-d6
Concen: 22.230 ng
RT: 6.57 min Scan# 762
Delta R.T. -0.02 min
Lab File: BF110992.D
Acq: 27 Nov 2018 5:15

Instrument :
BNA_F
ClientSampleId :
112018-DBRI-E-U-S

Tgt Ion: 99 Resp: 95735

Ion	Ratio	Lower	Upper
99	100		
42	20.8	15.8	23.6
71	34.8	28.0	42.0

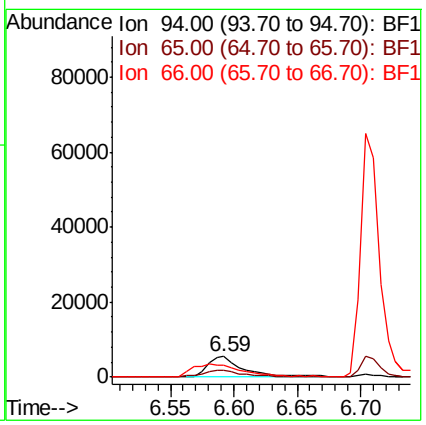


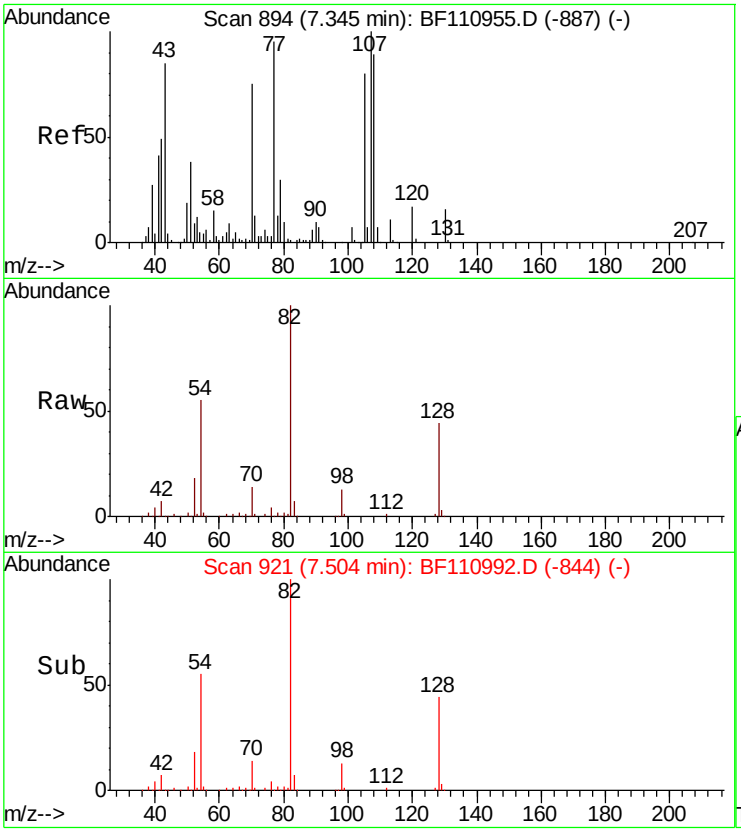


#10
Phenol
Concen: 2.227 ng
RT: 6.59 min Scan# 766
Delta R.T. -0.01 min
Lab File: BF110992.D
Acq: 27 Nov 2018 5:15

Tgt Ion: 94 Resp: 10803

Ion	Ratio	Lower	Upper
94	100		
65	30.6	25.3	65.3
66	58.7	54.5	94.5



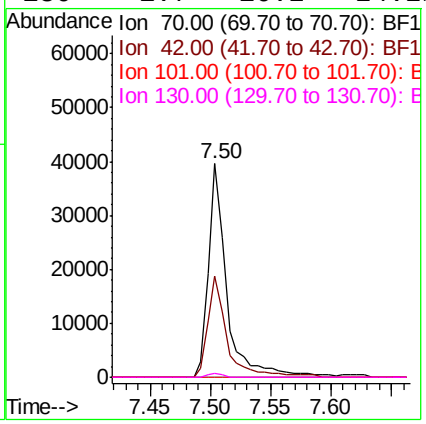


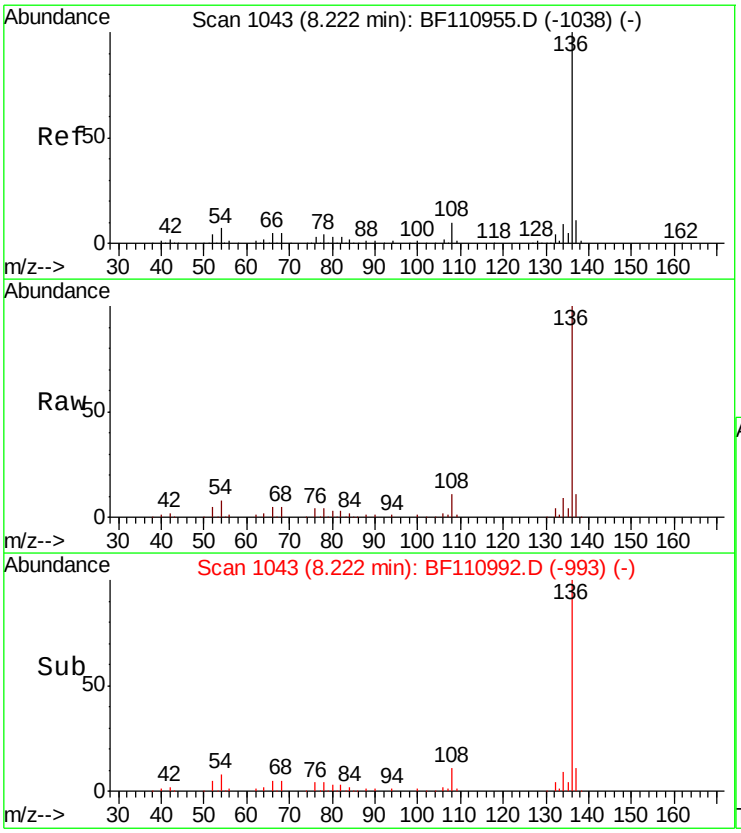
#19
n-Nitroso-di-n-propylamine
Concen: 14.885 ng
RT: 7.50 min Scan# 921
Delta R.T. 0.15 min
Lab File: BF110992.D
Acq: 27 Nov 2018 5:15

Instrument :
BNA_F
ClientSampleId :
112018-DBRI-E-U-S

Tgt Ion: 70 Resp: 41756

Ion	Ratio	Lower	Upper
70	100		
42	47.5	47.4	71.2
101	0.0	7.3	10.9#
130	1.7	16.2	24.2#

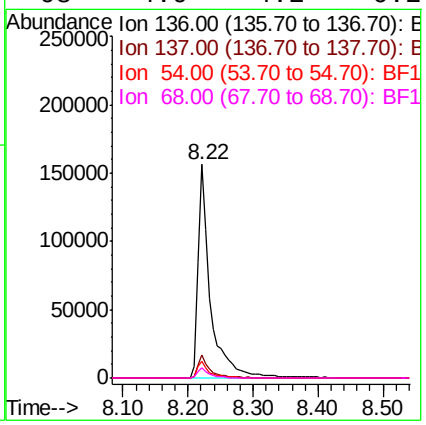


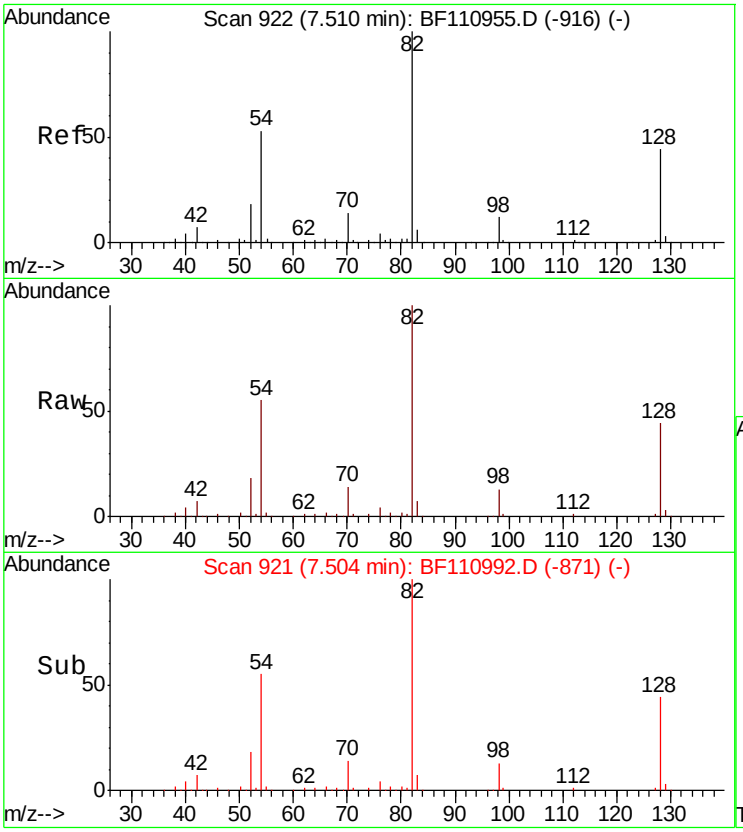


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.22 min Scan# 1043
Delta R.T. -0.01 min
Lab File: BF110992.D
Acq: 27 Nov 2018 5:15

Tgt Ion:136 Resp: 207063

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.8	13.2
54	7.7	5.4	8.2
68	4.9	4.2	6.2



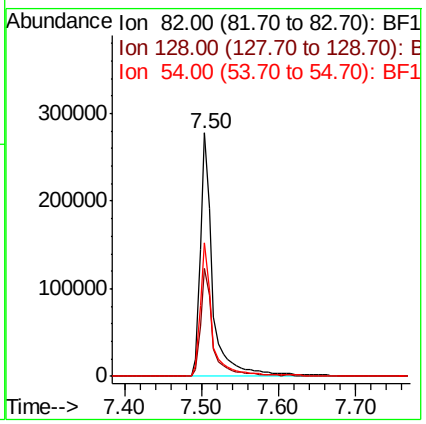


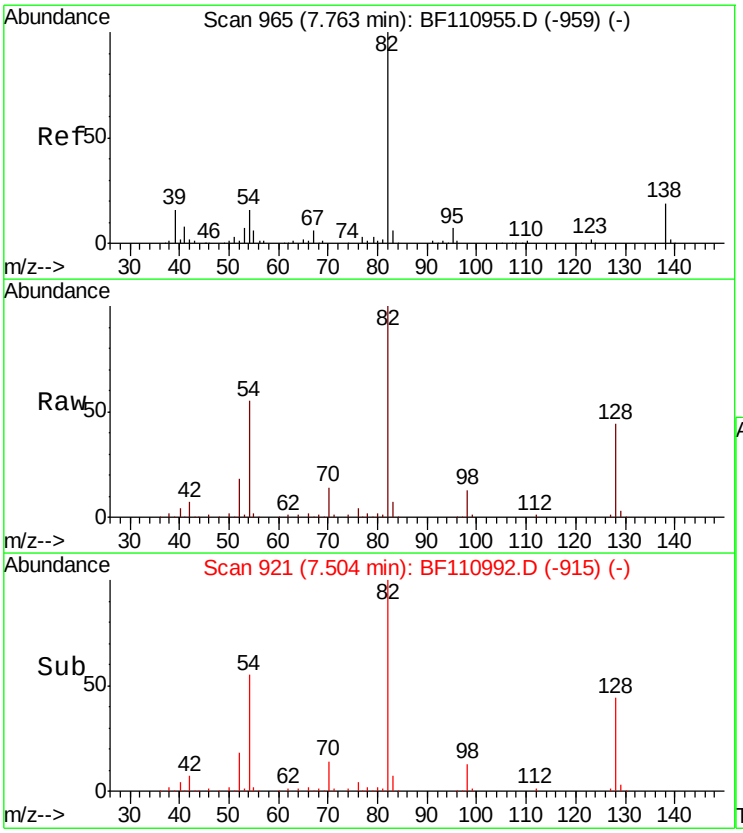
#23
Nitrobenzene-d5
Concen: 86.746 ng
RT: 7.50 min Scan# 921
Delta R.T. -0.01 min
Lab File: BF110992.D
Acq: 27 Nov 2018 5:15

Instrument :
BNA_F
ClientSampleId :
112018-DBRI-E-U-S

Tgt Ion: 82 Resp: 313852

Ion	Ratio	Lower	Upper
82	100		
128	44.1	34.2	51.2
54	54.8	38.6	58.0

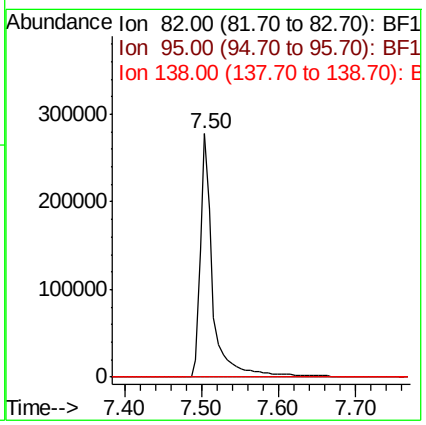


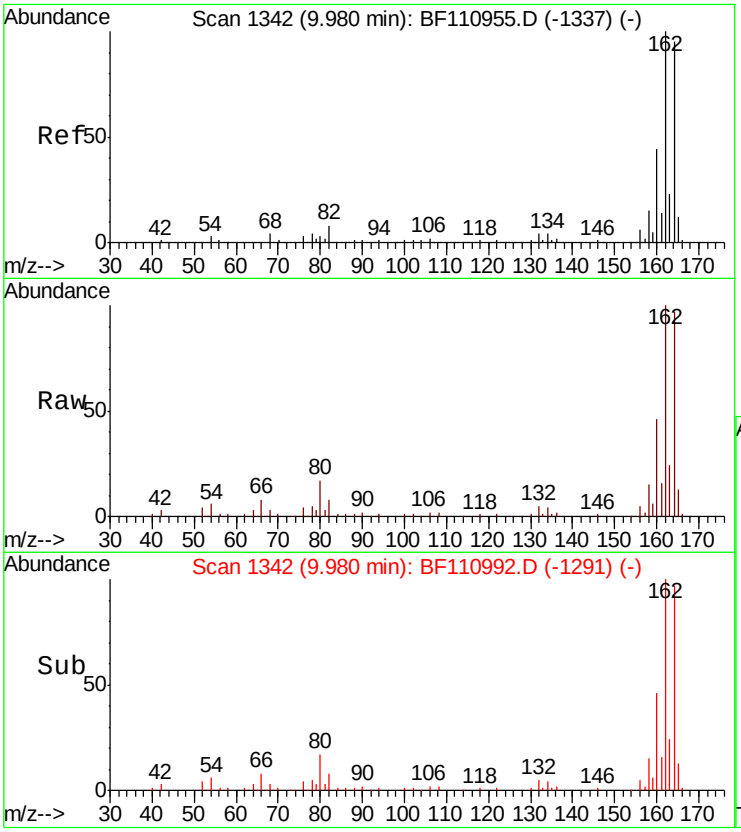


#25
Isophorone
Concen: 52.883 ng
RT: 7.50 min Scan# 921
Delta R.T. -0.26 min
Lab File: BF110992.D
Acq: 27 Nov 2018 5:15

Tgt Ion: 82 Resp: 313852

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



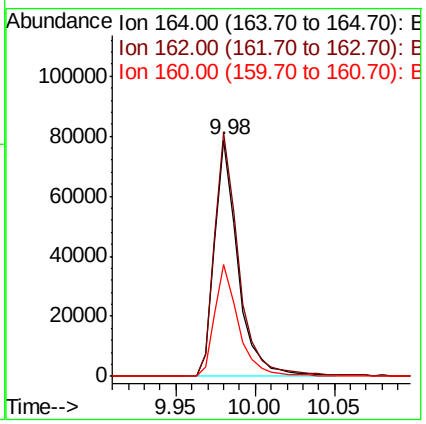


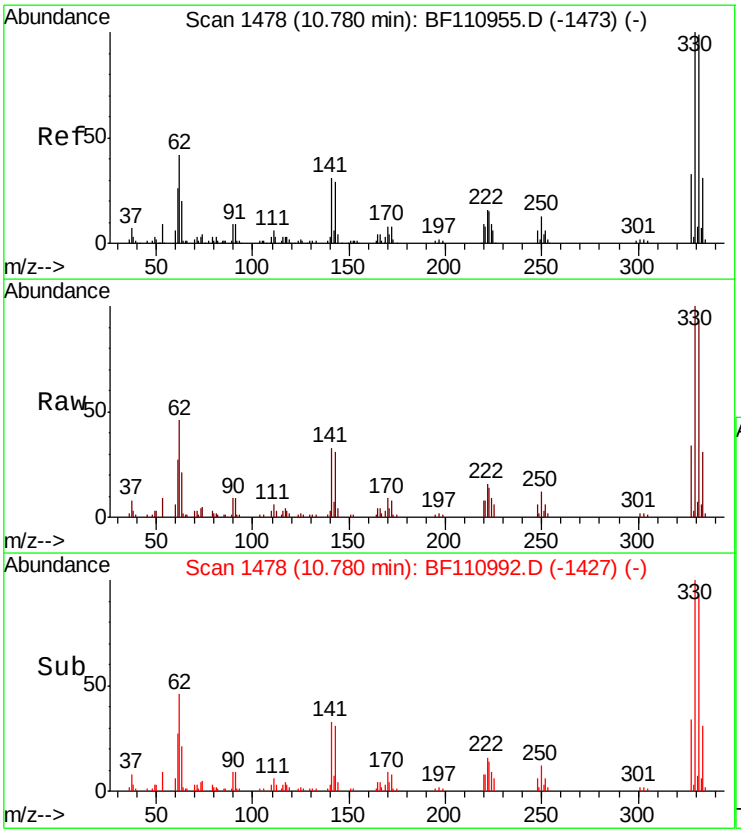
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.98 min Scan# 1342
Delta R.T. -0.00 min
Lab File: BF110992.D
Acq: 27 Nov 2018 5:15

Instrument :
BNA_F
ClientSampleId :
112018-DBRI-E-U-S

Tgt Ion:164 Resp: 81112

Ion	Ratio	Lower	Upper
164	100		
162	103.1	83.0	124.6
160	47.5	37.0	55.6

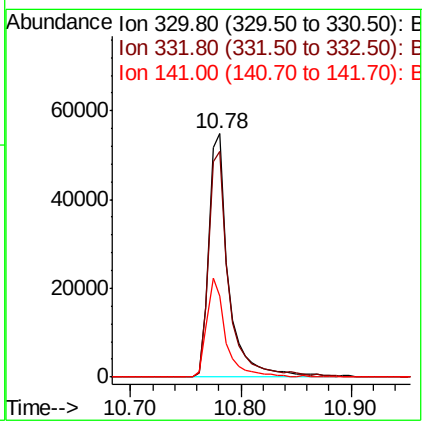


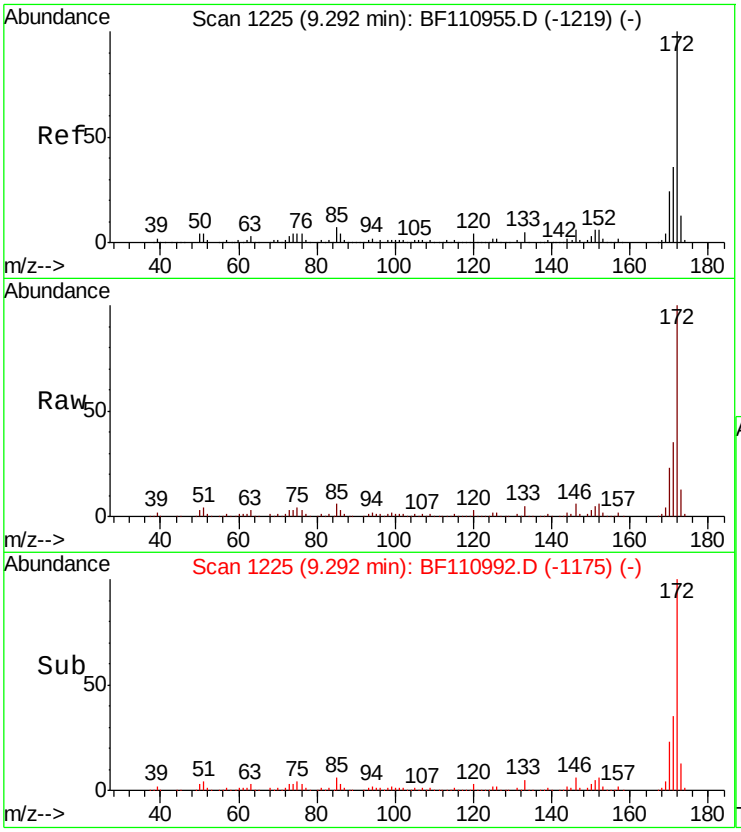


#42
2,4,6-Tribromophenol
Concen: 83.267 ng
RT: 10.78 min Scan# 1478
Delta R.T. -0.00 min
Lab File: BF110992.D
Acq: 27 Nov 2018 5:15

Tgt Ion:330 Resp: 67076

Ion	Ratio	Lower	Upper
330	100		
332	95.7	77.1	115.7
141	38.2	27.0	40.4



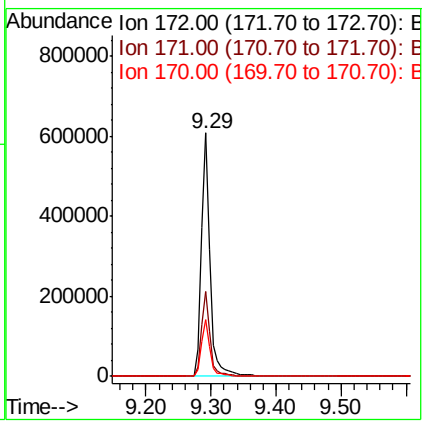


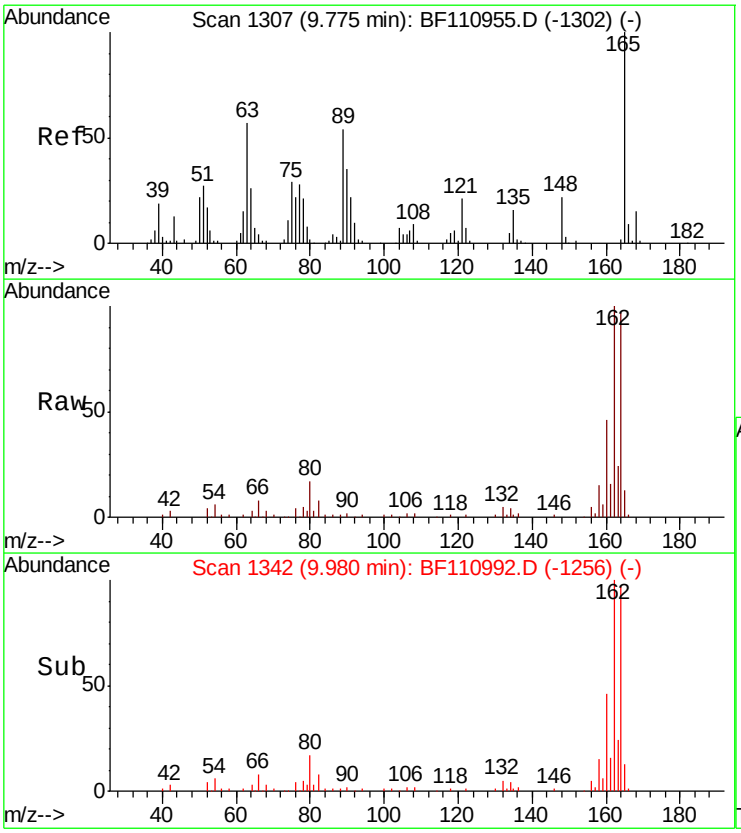
#45
2-Fluorobiphenyl
Concen: 100.660 ng
RT: 9.29 min Scan# 1225
Delta R.T. -0.01 min
Lab File: BF110992.D
Acq: 27 Nov 2018 5:15

Instrument :
BNA_F
ClientSampleId :
112018-DBRI-E-U-S

Tgt Ion:172 Resp: 563563

Ion	Ratio	Lower	Upper
172	100		
171	35.0	28.6	43.0
170	23.3	19.7	29.5

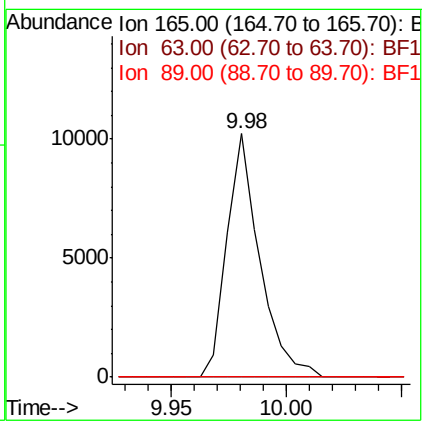


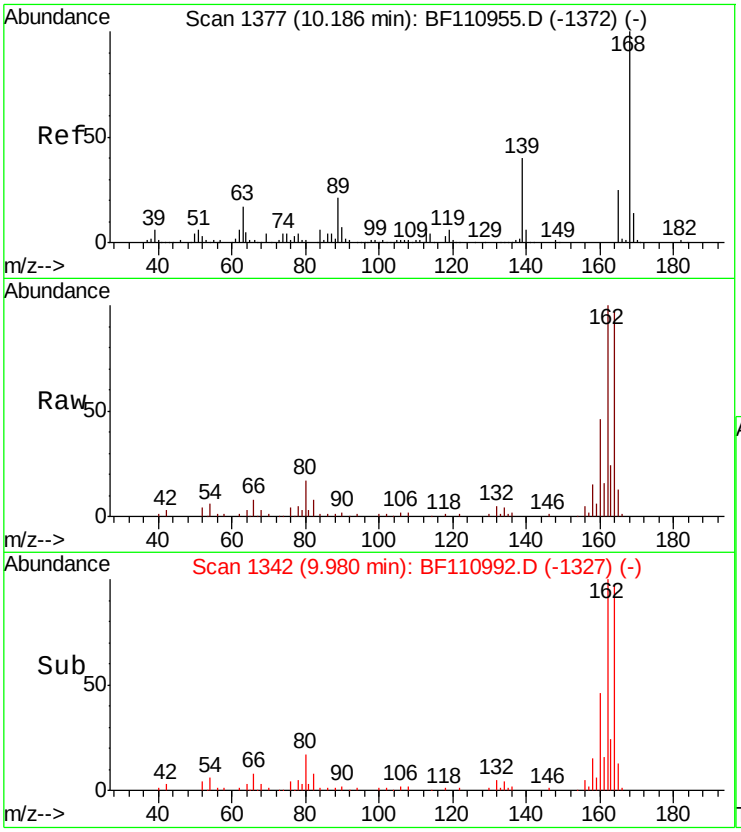


#51
2,6-Dinitrotoluene
Concen: 7.670 ng
RT: 9.98 min Scan# 1342
Delta R.T. 0.21 min
Lab File: BF110992.D
Acq: 27 Nov 2018 5:15

Tgt Ion:165 Resp: 10157

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



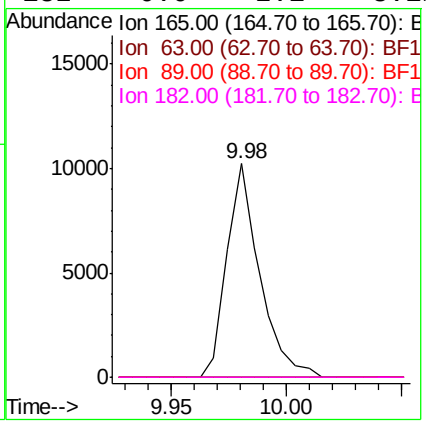


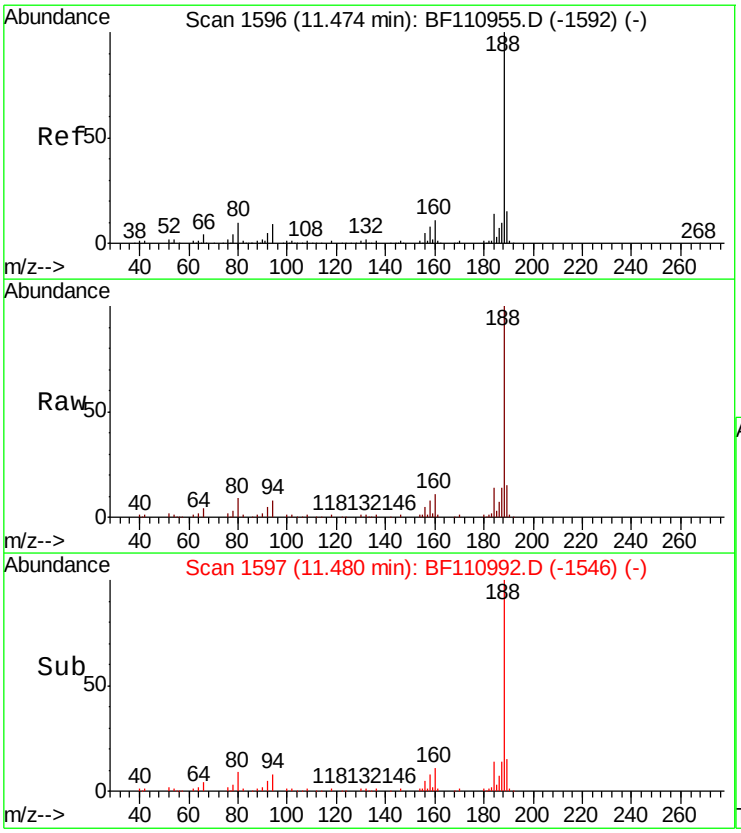
#57
2,4-Dinitrotoluene
Concen: 5.911 ng
RT: 9.98 min Scan# 1342
Delta R.T. -0.21 min
Lab File: BF110992.D
Acq: 27 Nov 2018 5:15

Instrument :
BNA_F
ClientSampleId :
112018-DBRI-E-U-S

Tgt Ion:165 Resp: 10157

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#

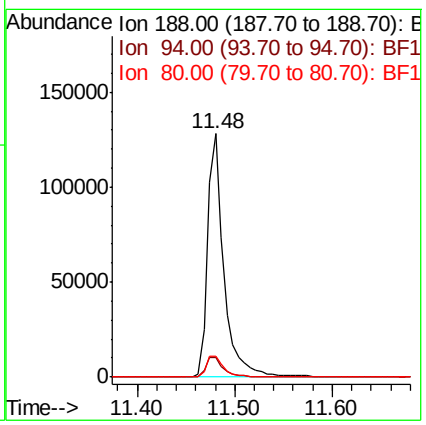


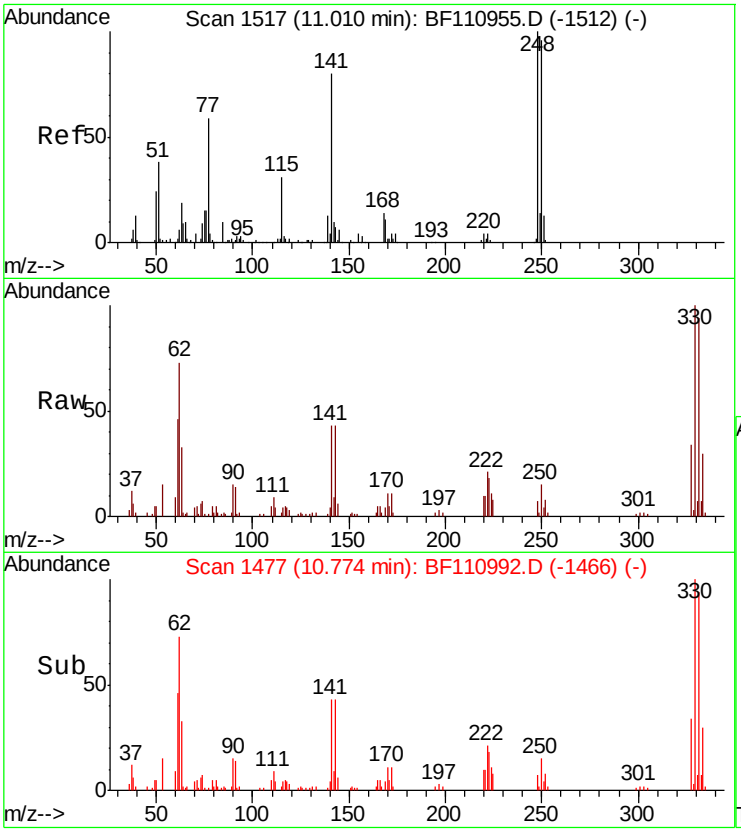


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.48 min Scan# 1597
Delta R.T. -0.00 min
Lab File: BF110992.D
Acq: 27 Nov 2018 5:15

Tgt Ion:188 Resp: 147945

Ion	Ratio	Lower	Upper
188	100		
94	8.0	7.2	10.8
80	8.7	7.9	11.9



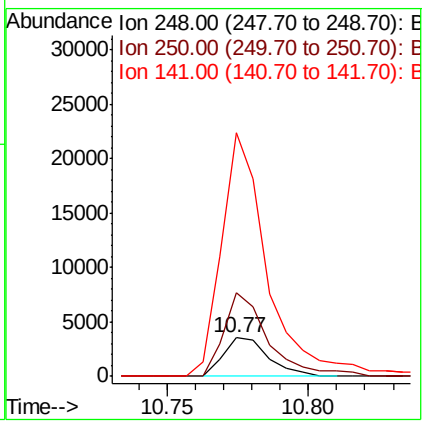


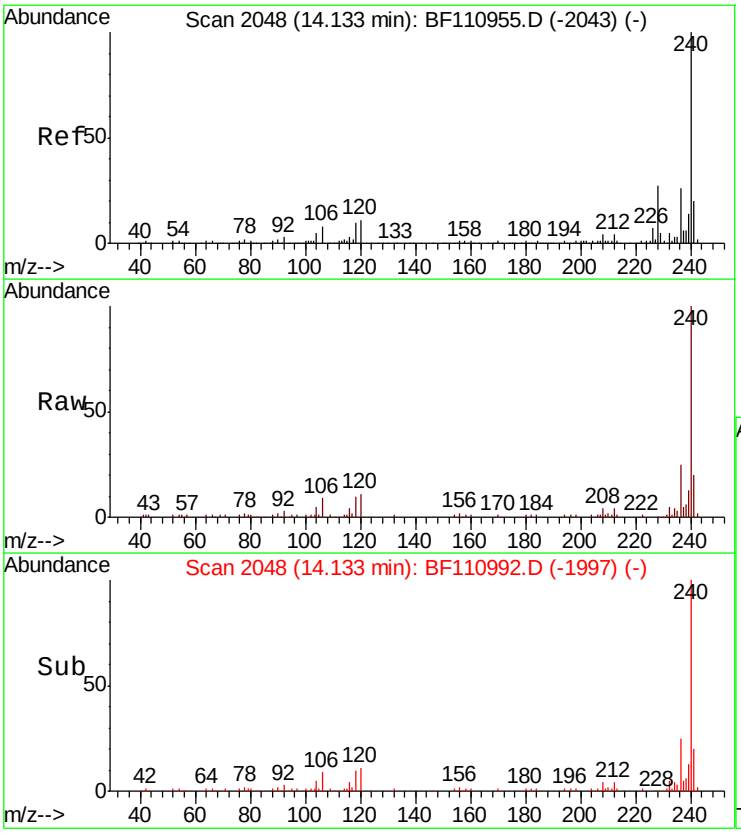
#67
4-Bromophenyl-phenylether
Concen: 2.420 ng
RT: 10.77 min Scan# 1477
Delta R.T. -0.24 min
Lab File: BF110992.D
Acq: 27 Nov 2018 5:15

Instrument :
BNA_F
ClientSampleId :
112018-DBRI-E-U-S

Tgt Ion:248 Resp: 3899

Ion	Ratio	Lower	Upper
248	100		
250	215.0	79.4	119.2#
141	630.8	55.9	83.9#

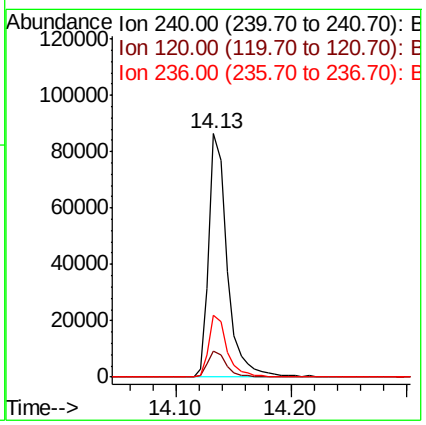


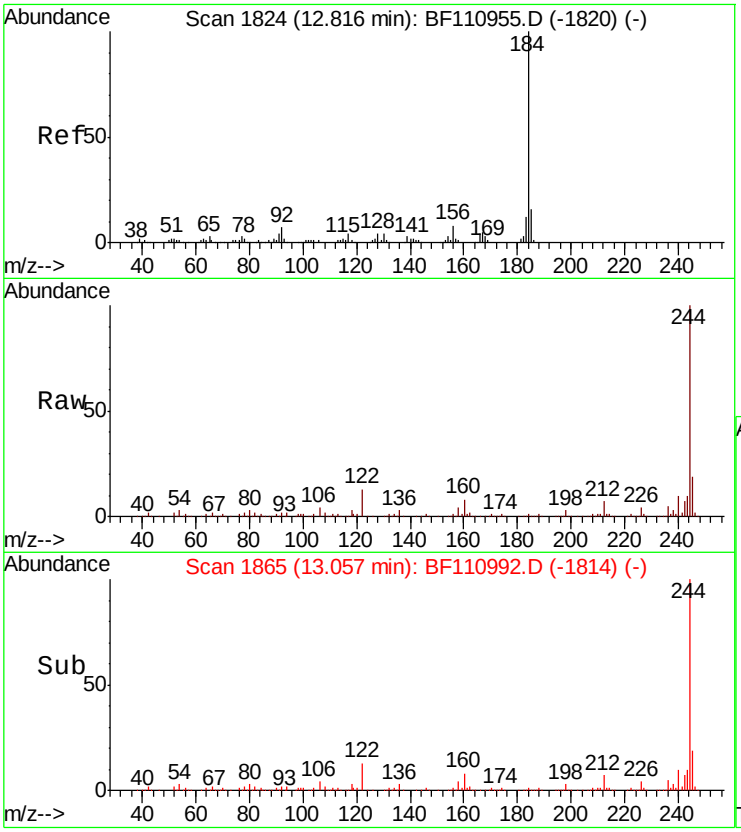


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.13 min Scan# 2048
Delta R.T. -0.00 min
Lab File: BF110992.D
Acq: 27 Nov 2018 5:15

Tgt Ion:240 Resp: 96152

Ion	Ratio	Lower	Upper
240	100		
120	10.8	8.3	12.5
236	25.5	21.2	31.8



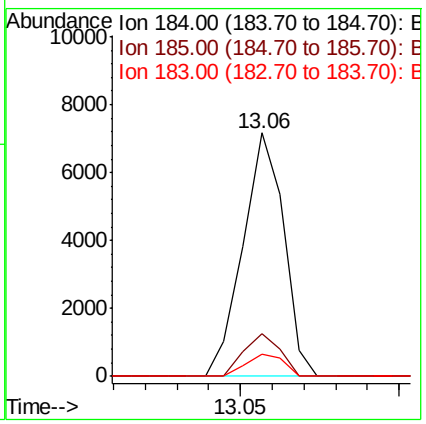


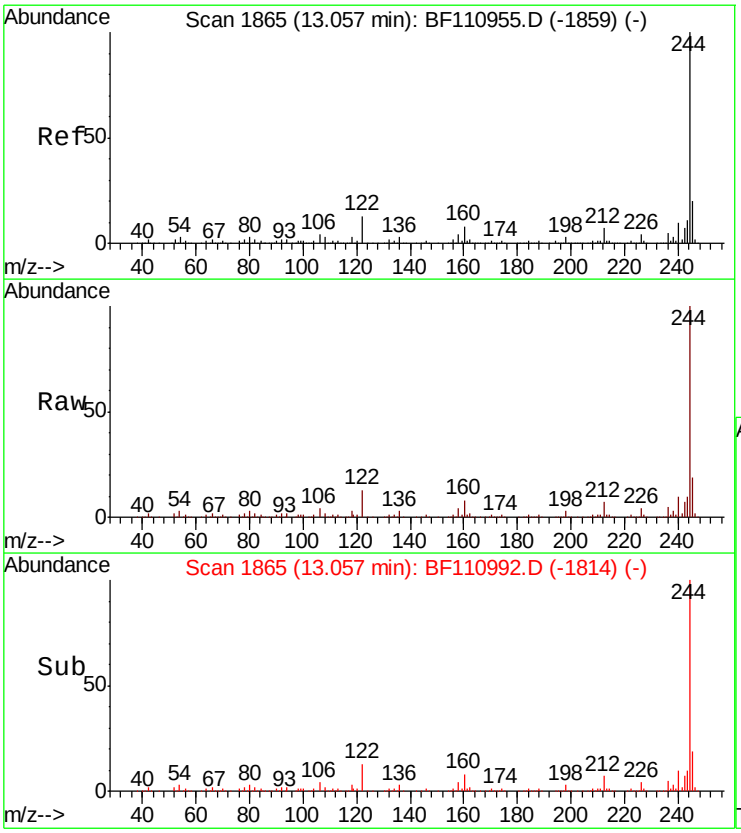
#77
Benzidine
Concen: 2.605 ng
RT: 13.06 min Scan# 1865
Delta R.T. -0.00 min
Lab File: BF110992.D
Acq: 27 Nov 2018 5:15

Instrument :
BNA_F
ClientSampleId :
112018-DBRI-E-U-S

Tgt Ion:184 Resp: 6406

Ion	Ratio	Lower	Upper
184	100		
185	17.4	13.4	20.2
183	9.2	9.4	14.2#

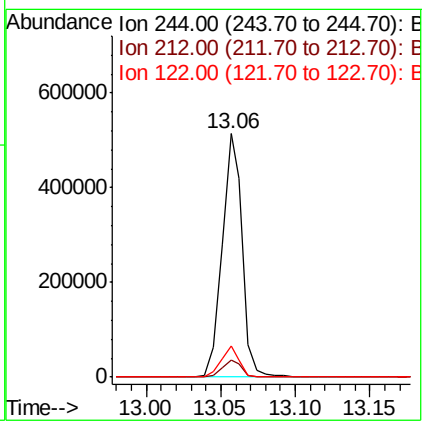


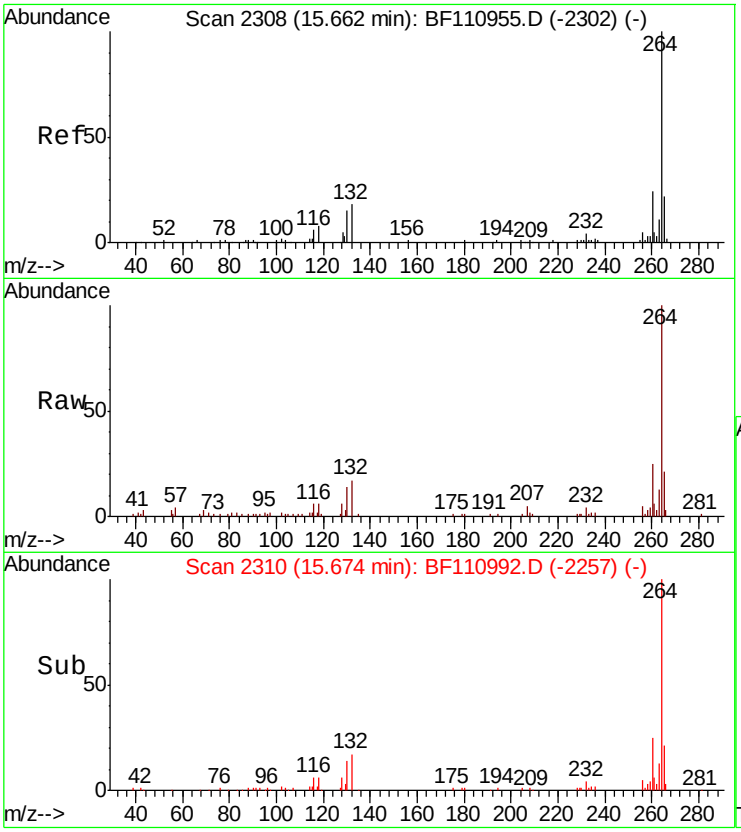


#79
Terphenyl-d14
Concen: 98.911 ng
RT: 13.06 min Scan# 1865
Delta R.T. -0.00 min
Lab File: BF110992.D
Acq: 27 Nov 2018 5:15

Tgt Ion:244 Resp: 488559

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.8	8.8
122	12.6	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: BF110992.D
Acq: 27 Nov 2018 5:15

Instrument :
BNA_F
ClientSampleId :
112018-DBRI-E-U-S

Tgt Ion:264 Resp: 70735

Ion	Ratio	Lower	Upper
264	100		
260	25.4	18.7	28.1
265	20.8	16.7	25.1