Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF112718\
Data File : BF111027.D
Acq On : 28 Nov 2018 00:13
Operator : JU/SJ
Sample : J5070-11
Misc :
ALS Vial : 30 Sample Multiplier: 1

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

Quant Time: Nov 28 03:15:56 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	44040	20.00	ng	0.00
21) Naphthalene-d8	8.22	136	165739	20.00	ng	0.00
39) Acenaphthene-d10	9.98	164	67530	20.00	ng	0.00
64) Phenanthrene-d10	11.48	188	129873	20.00	ng	0.00
76) Chrysene-d12	14.14	240	106661	20.00	ng	0.00
87) Perylene-d12	15.67	264	67723	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	101015	38.04	ng	0.01
7) Phenol-d6	6.57	99	71654	20.70	ng	0.00
23) Nitrobenzene-d5	7.50	82	259429	89.58	ng	0.00
42) 2,4,6-Tribromophenol	10.78	330	57738	86.09	ng	0.00
45) 2-Fluorobiphenyl	9.29	172	440422	94.49	ng	0.00
79) Terphenyl-d14	13.06	244	475035	86.70	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	7.50	70	33446	14.836	ng	# 79
25) Isophorone	7.50	82	259429	54.612	ng	# 67
51) 2,6-Dinitrotoluene	9.98	165	8518	7.726	ng	# 21
57) 2,4-Dinitrotoluene	9.98	165	8518	5.955	ng	# 17
67) 4-Bromophenyl-phenylether	10.78	248	3494	2.470	ng	# 1
77) Benzidine	13.06	184	6264	2.296	ng	# 95

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF112718\
Data File : BF111027.D
Acq On : 28 Nov 2018 00:13
Operator : JU/SJ
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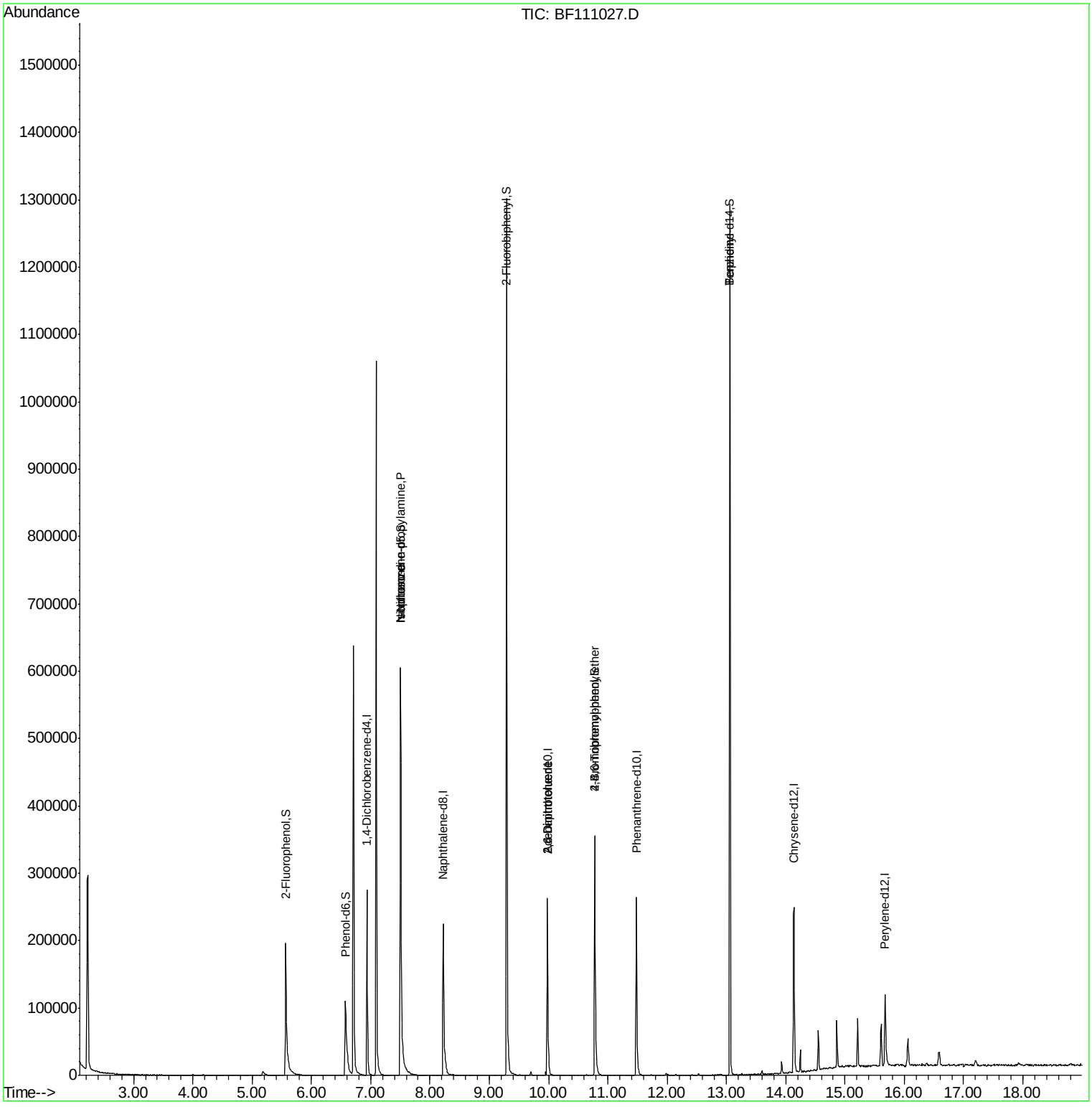
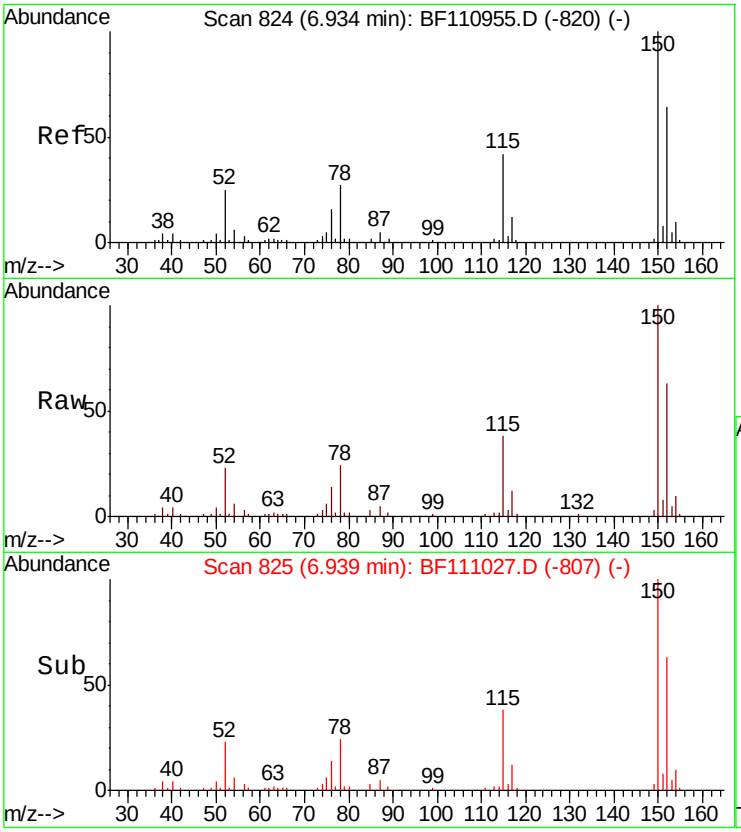
Instrument :
BNA_F
ClientSampleId :
112118-CHDE-E-D-S

Quant Time: Nov 28 03:15:56 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



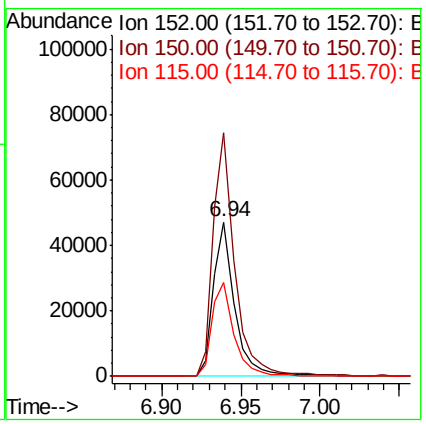


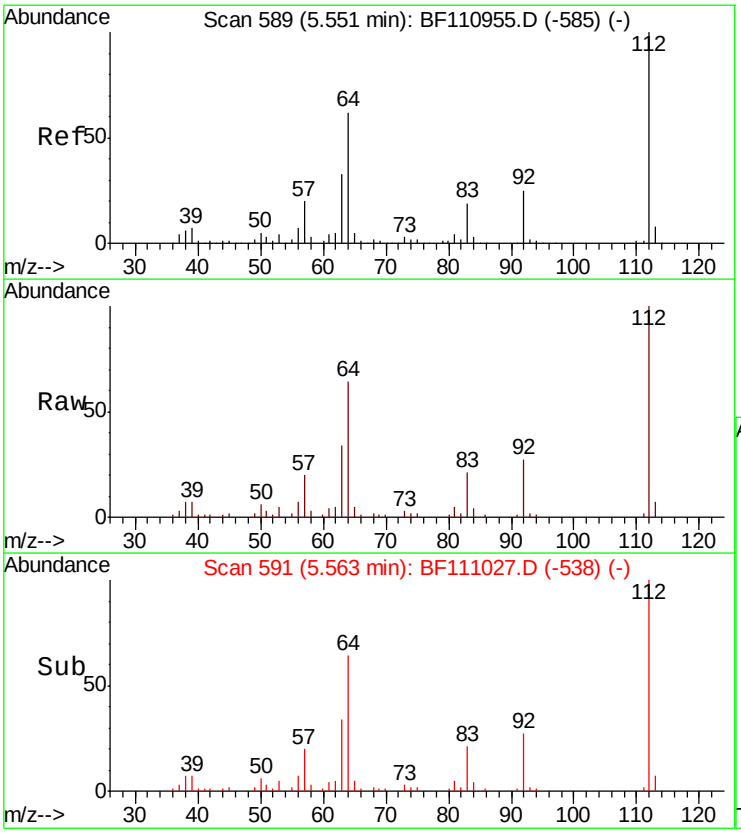
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.94 min Scan# 825
Delta R.T. 0.01 min
Lab File: BF111027.D
Acq: 28 Nov 2018 00:13

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

Tgt Ion:152 Resp: 44040

Ion	Ratio	Lower	Upper
152	100		
150	158.1	122.7	184.1
115	60.6	49.1	73.7

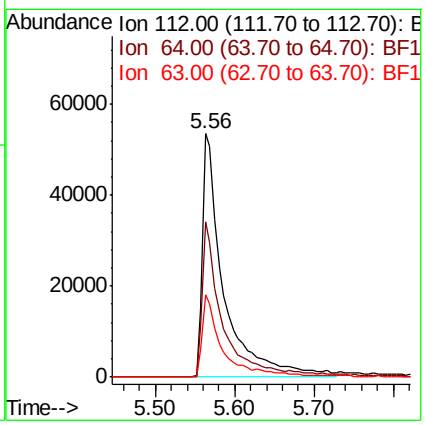


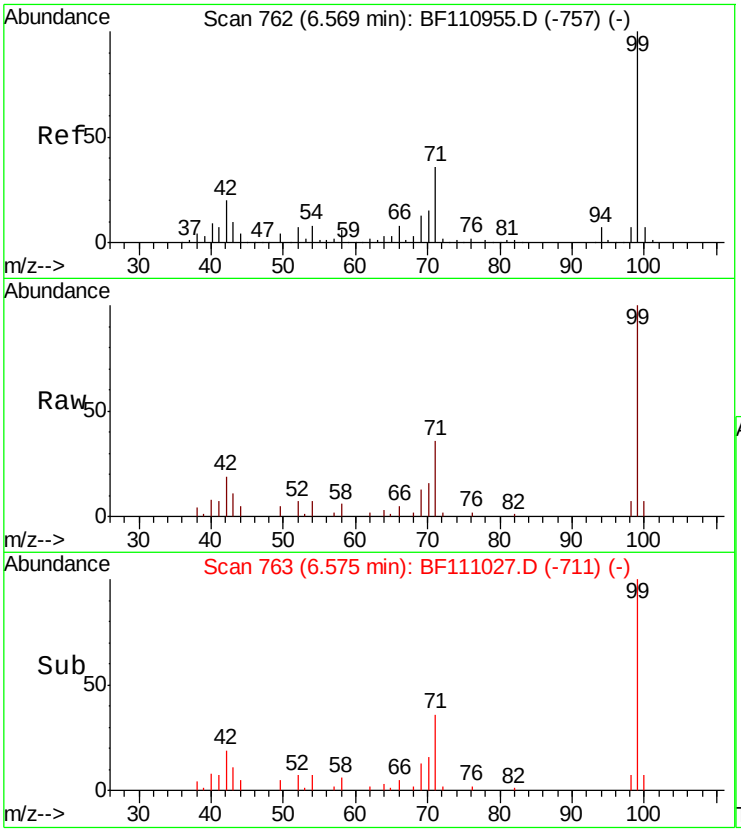


#5
2-Fluorophenol
Concen: 38.037 ng
RT: 5.56 min Scan# 591
Delta R.T. 0.01 min
Lab File: BF111027.D
Acq: 28 Nov 2018 00:13

Tgt Ion:112 Resp: 101015

Ion	Ratio	Lower	Upper
112	100		
64	63.6	44.1	66.1
63	33.9	23.7	35.5



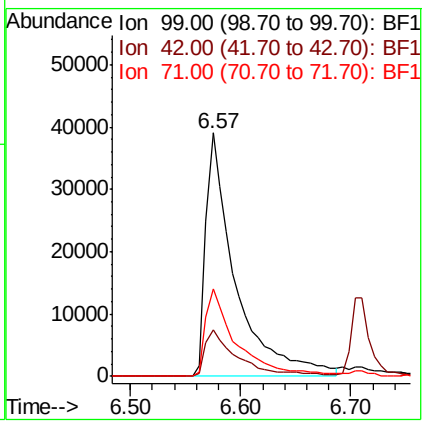


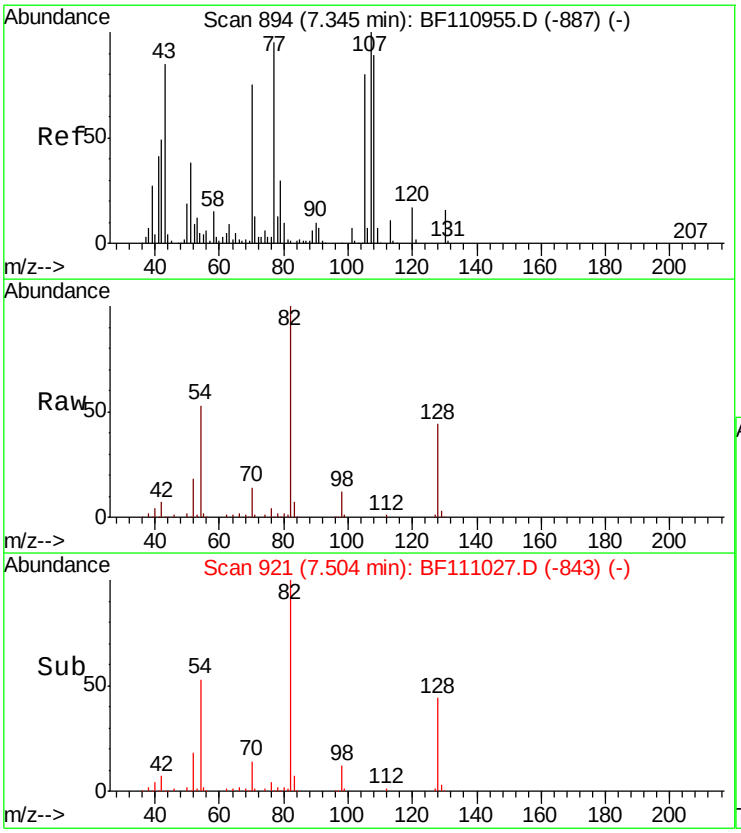
#7
Phenol-d6
Concen: 20.704 ng
RT: 6.57 min Scan# 763
Delta R.T. 0.01 min
Lab File: BF111027.D
Acq: 28 Nov 2018 00:13

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

Tgt Ion: 99 Resp: 71654

Ion	Ratio	Lower	Upper
99	100		
42	19.2	15.8	23.6
71	35.9	28.0	42.0

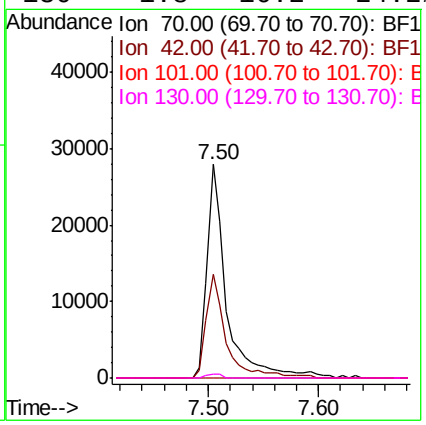


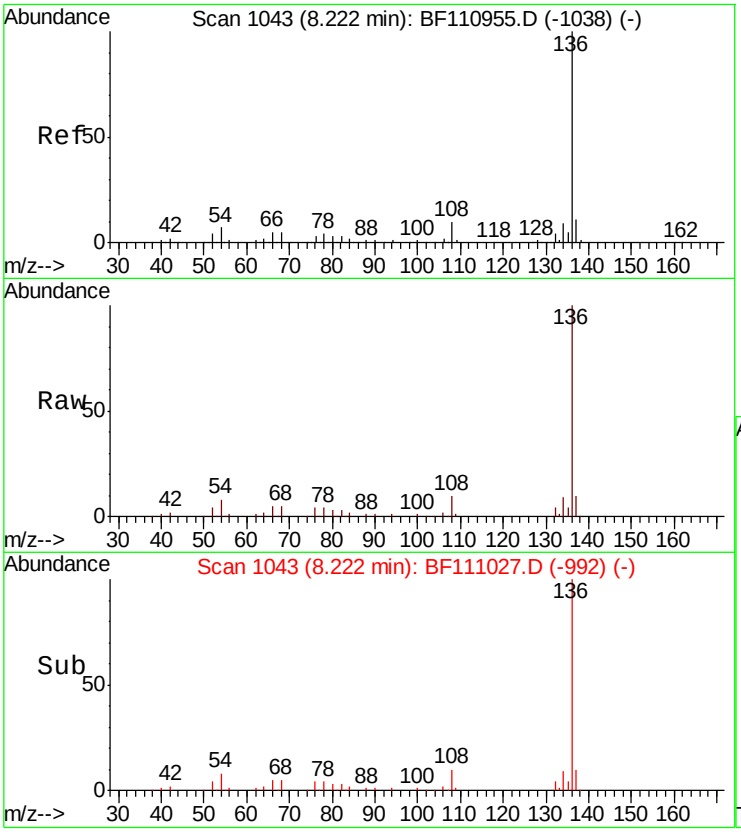


#19
n-Nitroso-di-n-propylamine
Concen: 14.836 ng
RT: 7.50 min Scan# 921
Delta R.T. 0.16 min
Lab File: BF111027.D
Acq: 28 Nov 2018 00:13

Tgt Ion: 70 Resp: 33446

Ion	Ratio	Lower	Upper
70	100		
42	48.6	47.4	71.2
101	0.0	7.3	10.9#
130	1.8	16.2	24.2#



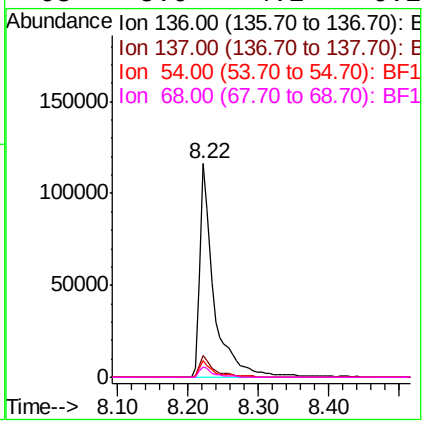


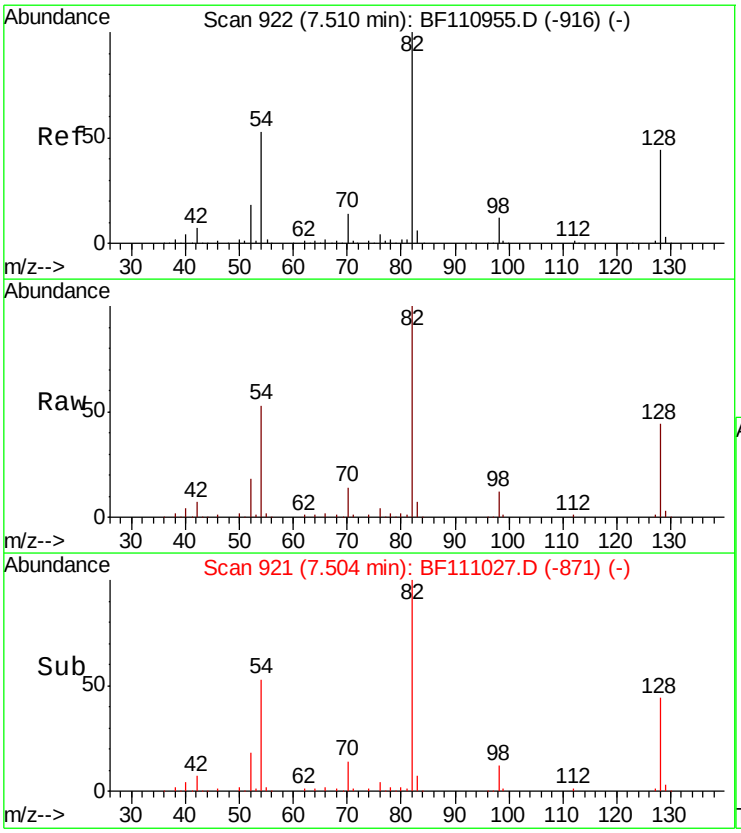
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.22 min Scan# 1043
Delta R.T. -0.00 min
Lab File: BF111027.D
Acq: 28 Nov 2018 00:13

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

Tgt Ion:136 Resp: 165739

Ion	Ratio	Lower	Upper
136	100		
137	10.2	8.8	13.2
54	7.7	5.4	8.2
68	5.0	4.2	6.2

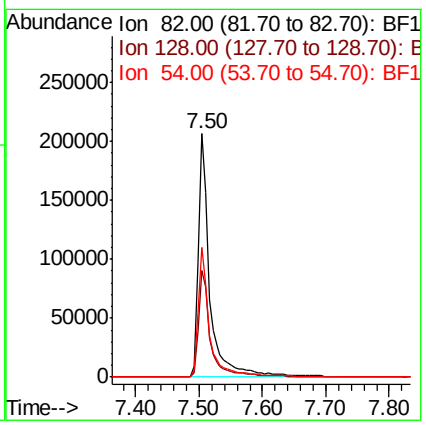


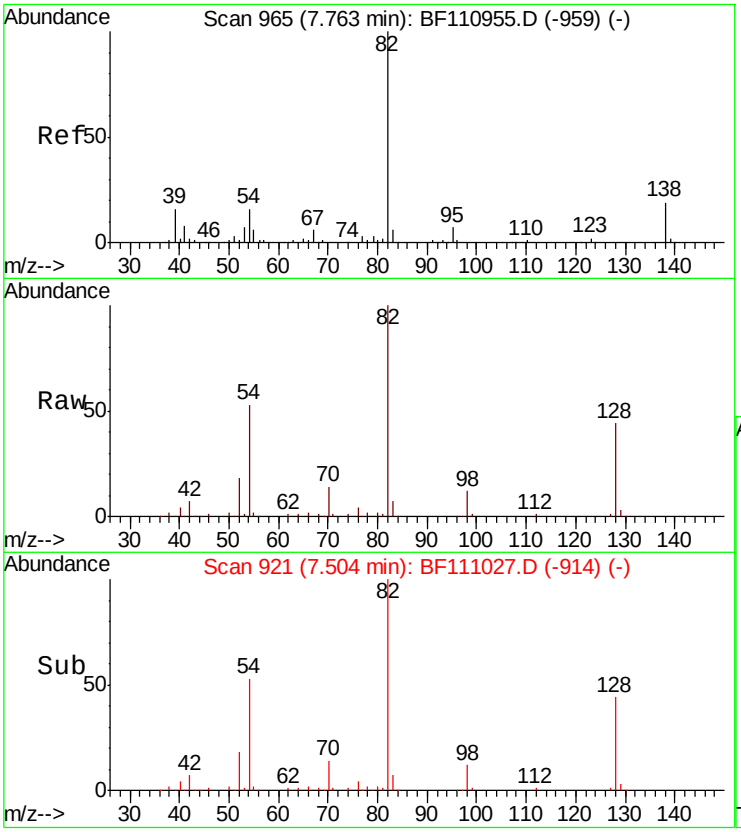


#23
Nitrobenzene-d5
Concen: 89.582 ng
RT: 7.50 min Scan# 921
Delta R.T. -0.01 min
Lab File: BF111027.D
Acq: 28 Nov 2018 00:13

Tgt Ion: 82 Resp: 259429

Ion	Ratio	Lower	Upper
82	100		
128	43.9	34.2	51.2
54	53.4	38.6	58.0



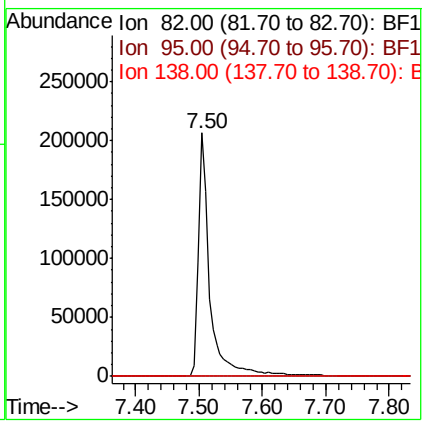


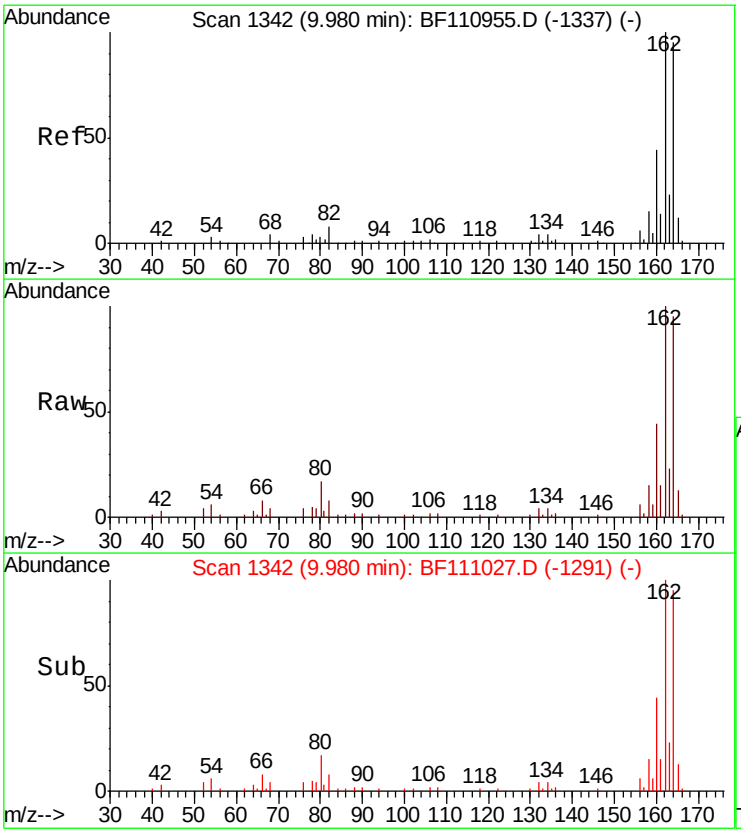
#25
Isophorone
Concen: 54.612 ng
RT: 7.50 min Scan# 921
Delta R.T. -0.26 min
Lab File: BF111027.D
Acq: 28 Nov 2018 00:13

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

Tgt Ion: 82 Resp: 259429

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

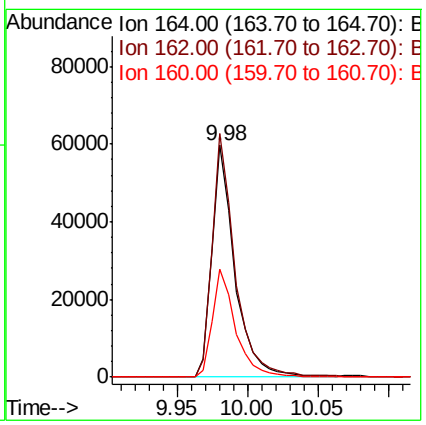


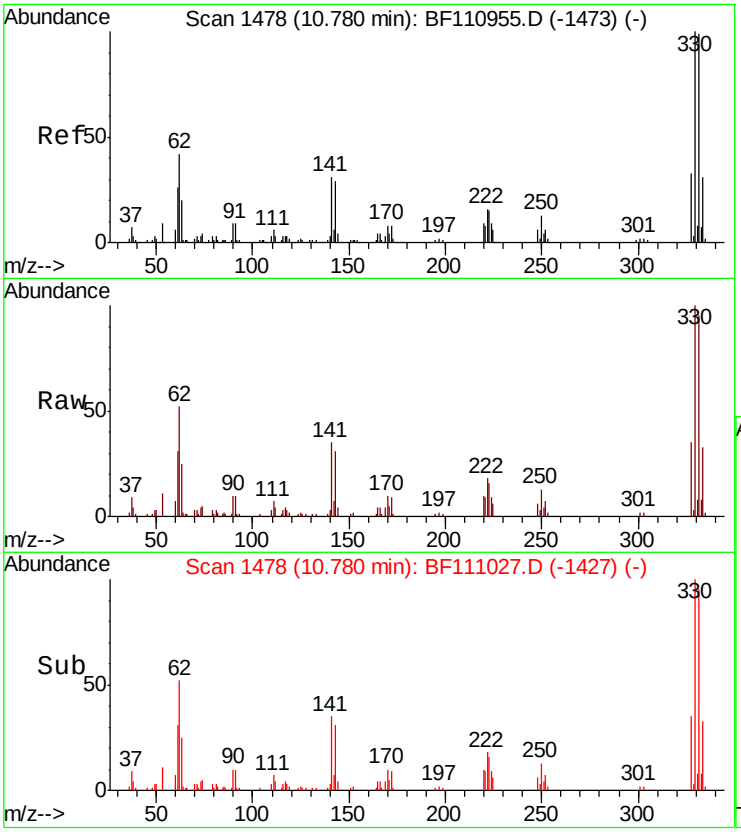


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.98 min Scan# 1342
Delta R.T. -0.00 min
Lab File: BF111027.D
Acq: 28 Nov 2018 00:13

Tgt Ion:164 Resp: 67530

Ion	Ratio	Lower	Upper
164	100		
162	105.2	83.0	124.6
160	46.5	37.0	55.6



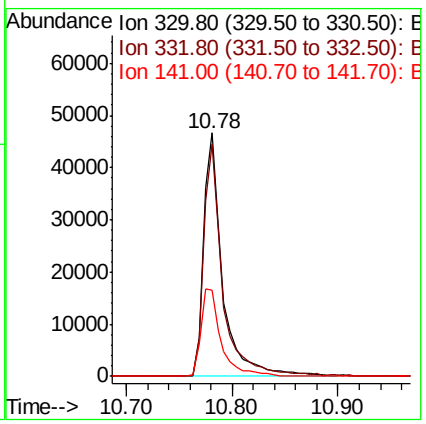


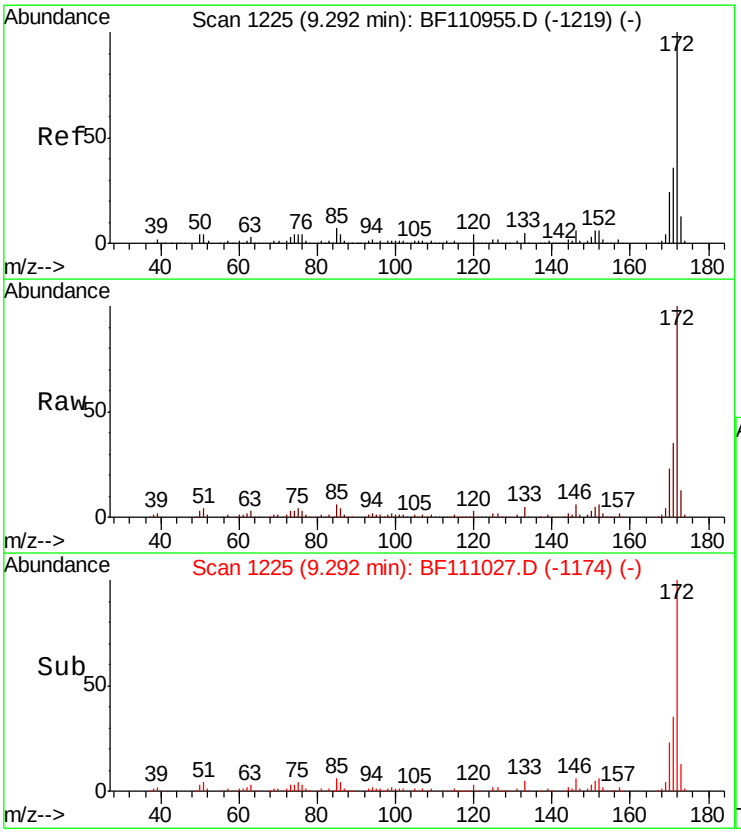
#42
2,4,6-Tribromophenol
Concen: 86.091 ng
RT: 10.78 min Scan# 1478
Delta R.T. -0.00 min
Lab File: BF111027.D
Acq: 28 Nov 2018 00:13

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

Tgt Ion:330 Resp: 57738

Ion	Ratio	Lower	Upper
330	100		
332	95.4	77.1	115.7
141	38.0	27.0	40.4

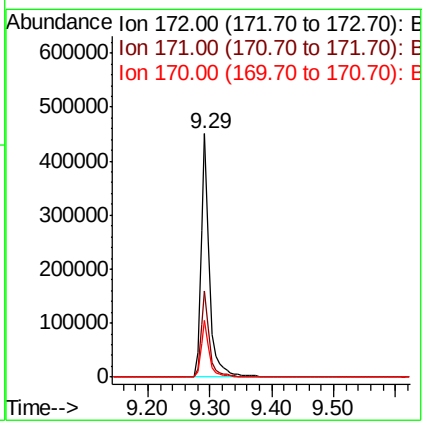


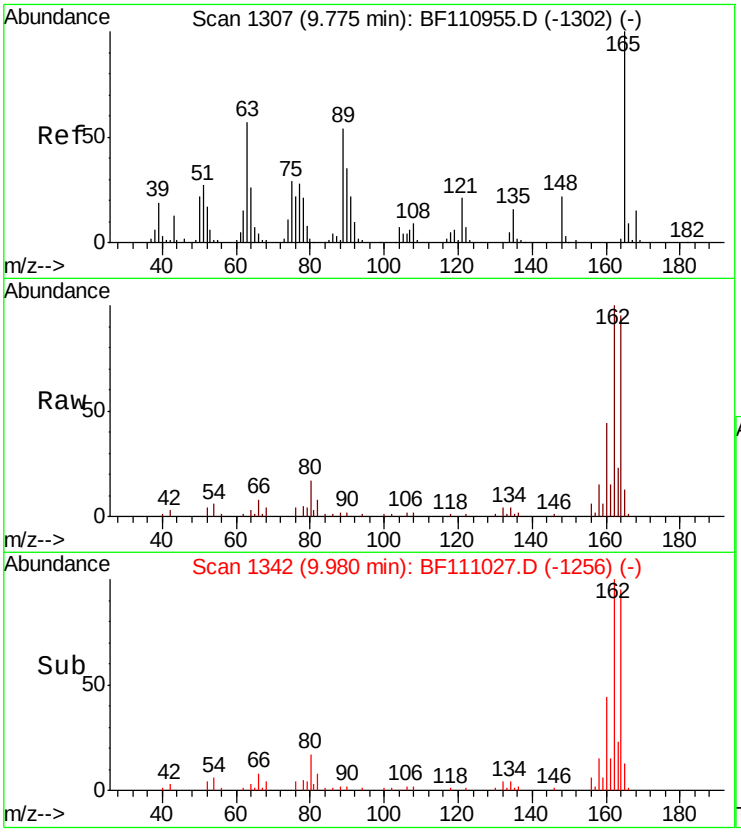


#45
2-Fluorobiphenyl
Concen: 94.487 ng
RT: 9.29 min Scan# 1225
Delta R.T. -0.00 min
Lab File: BF111027.D
Acq: 28 Nov 2018 00:13

Tgt Ion:172 Resp: 440422

Ion	Ratio	Lower	Upper
172	100		
171	35.3	28.6	43.0
170	23.1	19.7	29.5



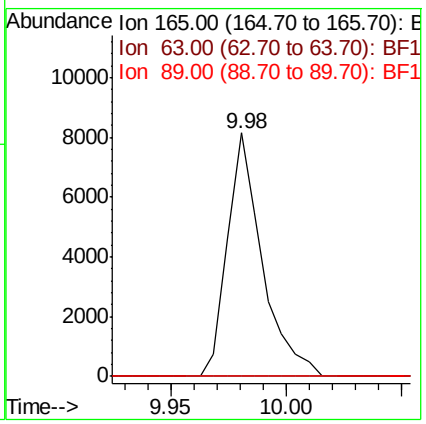


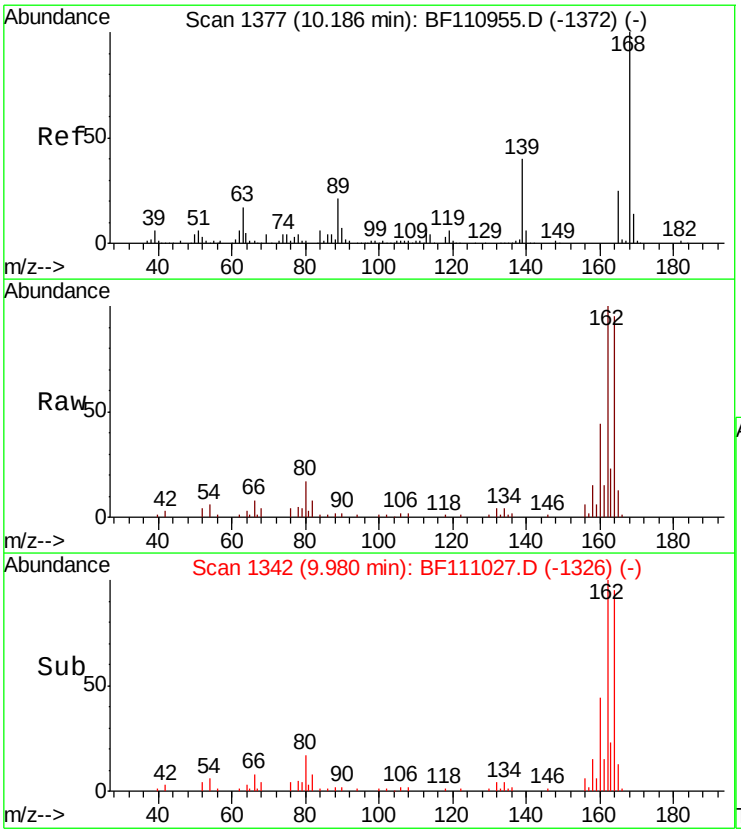
#51
2,6-Dinitrotoluene
Concen: 7.726 ng
RT: 9.98 min Scan# 1342
Delta R.T. 0.21 min
Lab File: BF111027.D
Acq: 28 Nov 2018 00:13

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

Tgt Ion:165 Resp: 8518

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

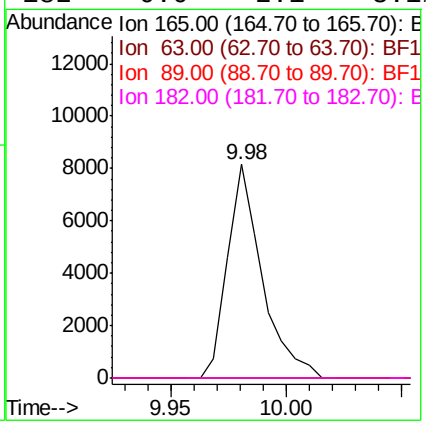


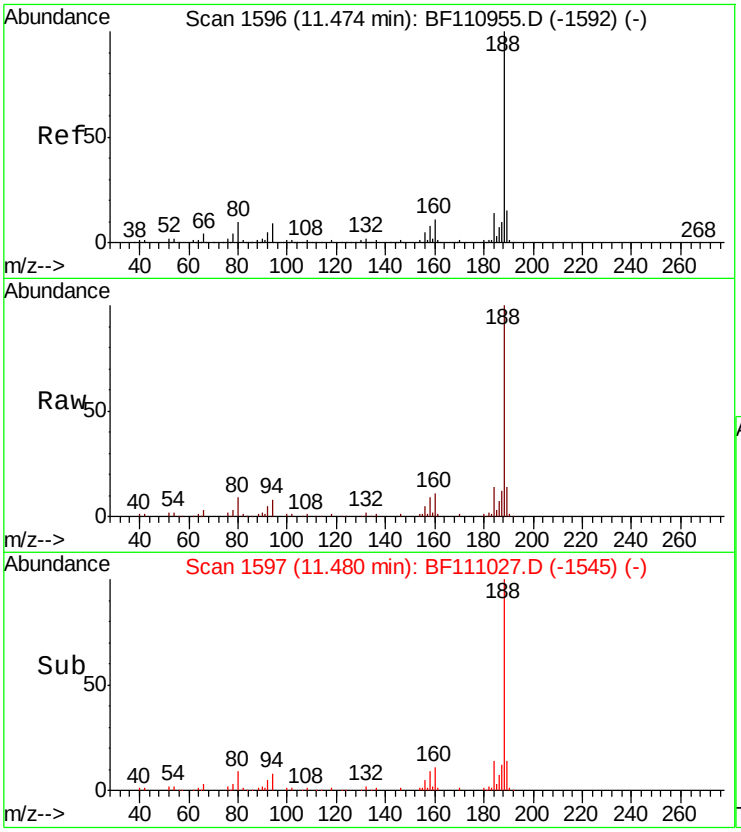


#57
2,4-Dinitrotoluene
Concen: 5.955 ng
RT: 9.98 min Scan# 1342
Delta R.T. -0.21 min
Lab File: BF111027.D
Acq: 28 Nov 2018 00:13

Tgt Ion:165 Resp: 8518

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#



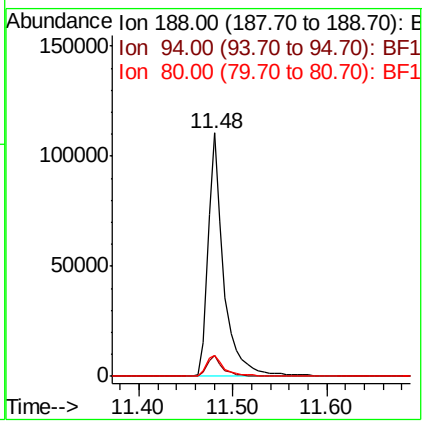


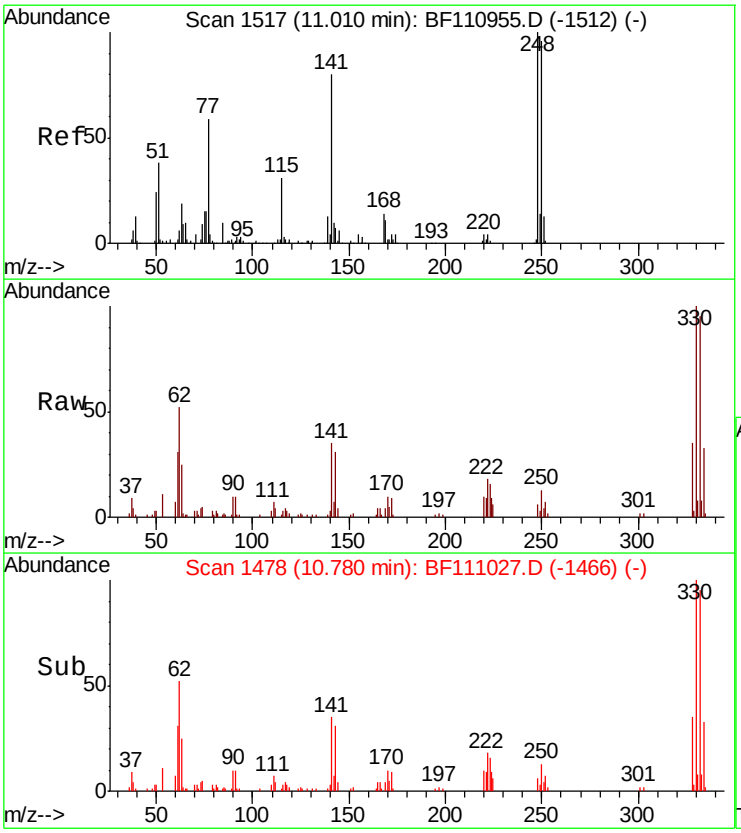
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.48 min Scan# 1597
Delta R.T. 0.01 min
Lab File: BF111027.D
Acq: 28 Nov 2018 00:13

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

Tgt Ion:188 Resp: 129873

Ion	Ratio	Lower	Upper
188	100		
94	8.5	7.2	10.8
80	8.8	7.9	11.9

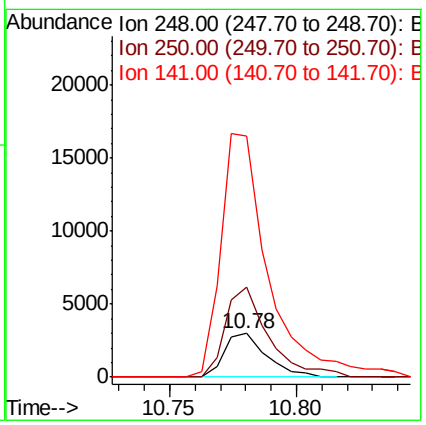


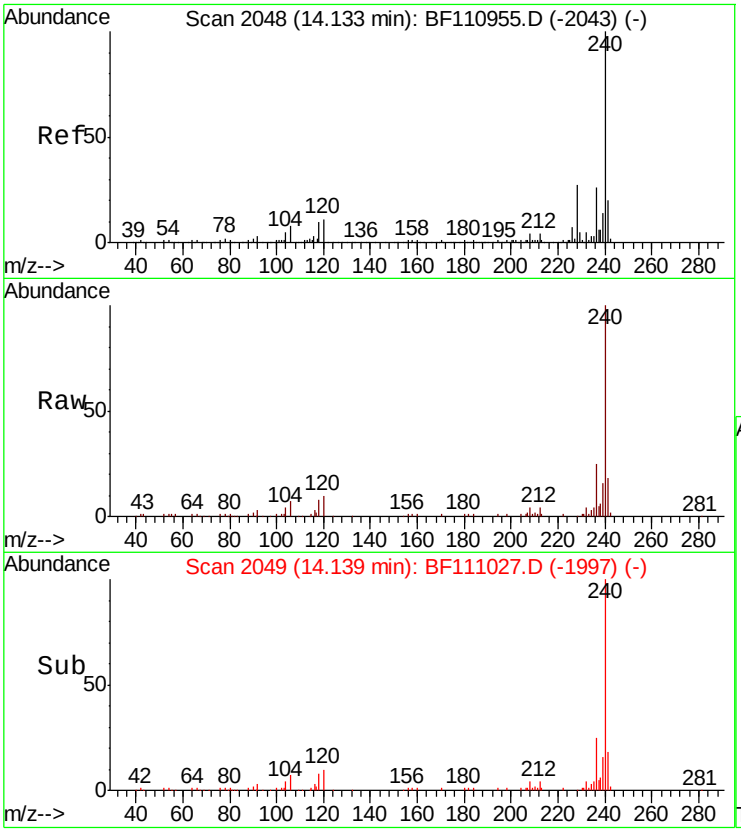


#67
4-Bromophenyl-phenylether
Concen: 2.470 ng
RT: 10.78 min Scan# 1478
Delta R.T. -0.23 min
Lab File: BF111027.D
Acq: 28 Nov 2018 00:13

Tgt Ion:248 Resp: 3494

Ion	Ratio	Lower	Upper
248	100		
250	205.8	79.4	119.2#
141	552.4	55.9	83.9#



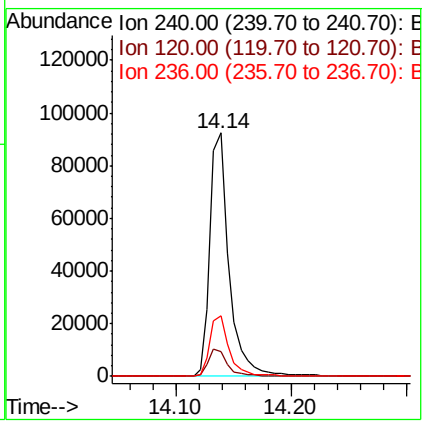


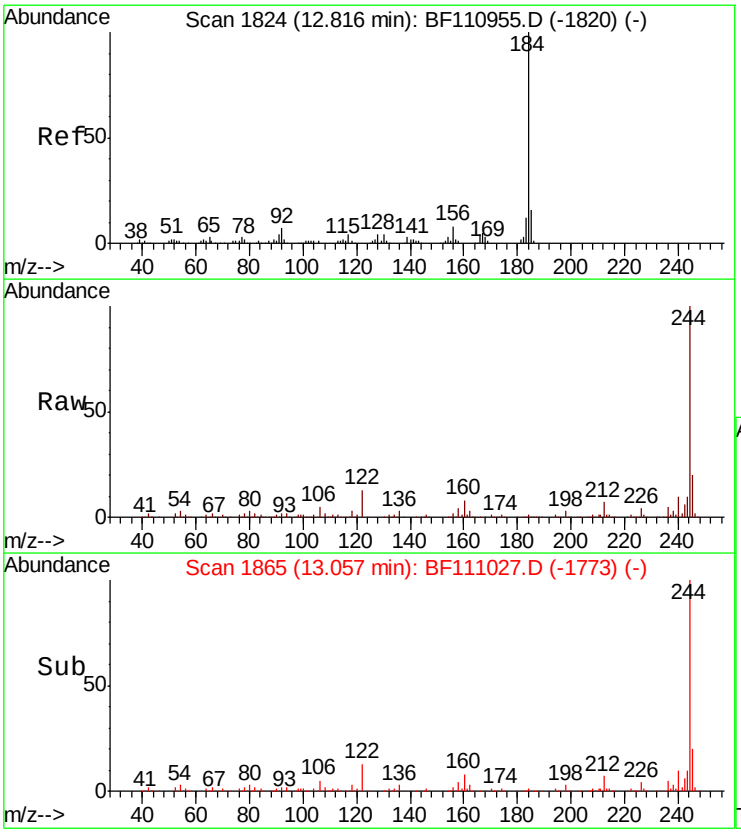
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.14 min Scan# 2049
Delta R.T. 0.01 min
Lab File: BF111027.D
Acq: 28 Nov 2018 00:13

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

Tgt Ion:240 Resp: 106661

Ion	Ratio	Lower	Upper
240	100		
120	10.0	8.3	12.5
236	25.1	21.2	31.8

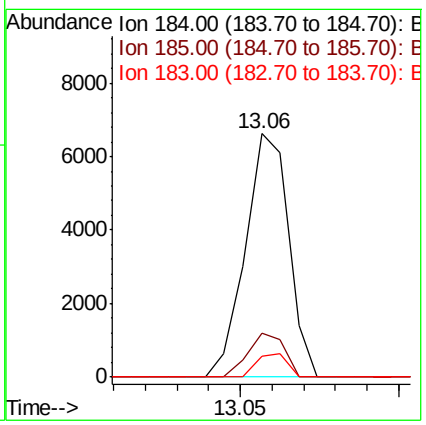


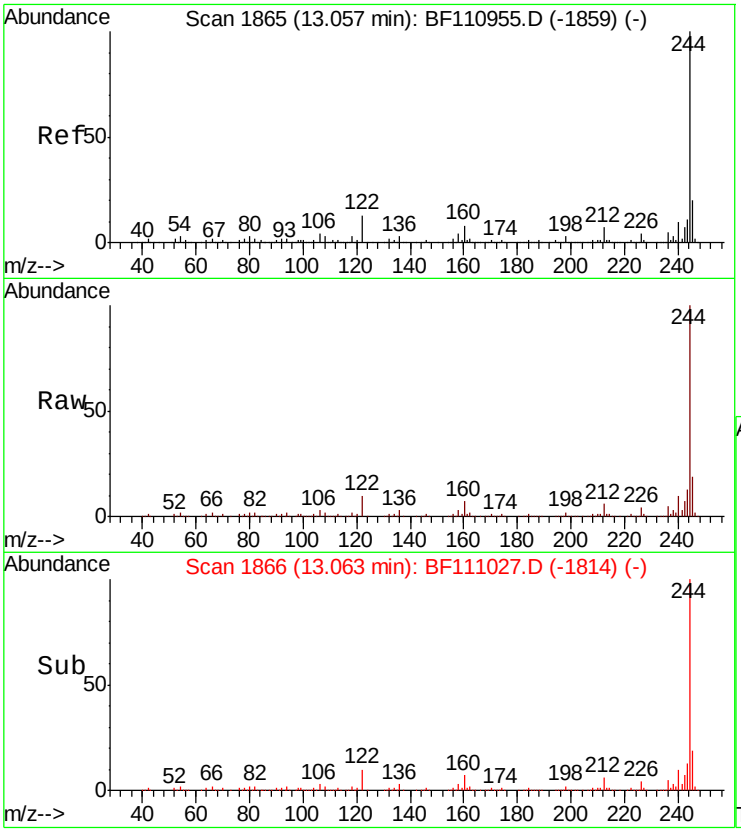


#77
Benzidine
Concen: 2.296 ng
RT: 13.06 min Scan# 1865
Delta R.T. 0.24 min
Lab File: BF111027.D
Acq: 28 Nov 2018 00:13

Tgt Ion:184 Resp: 6264

Ion	Ratio	Lower	Upper
184	100		
185	18.3	13.4	20.2
183	8.7	9.4	14.2#



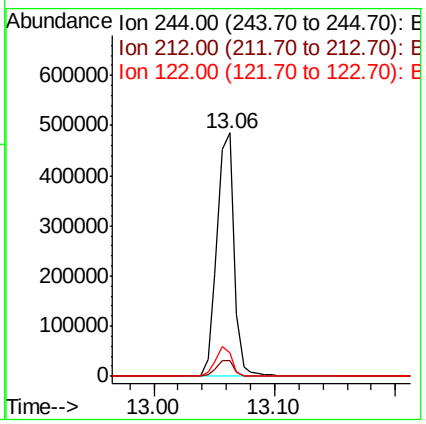


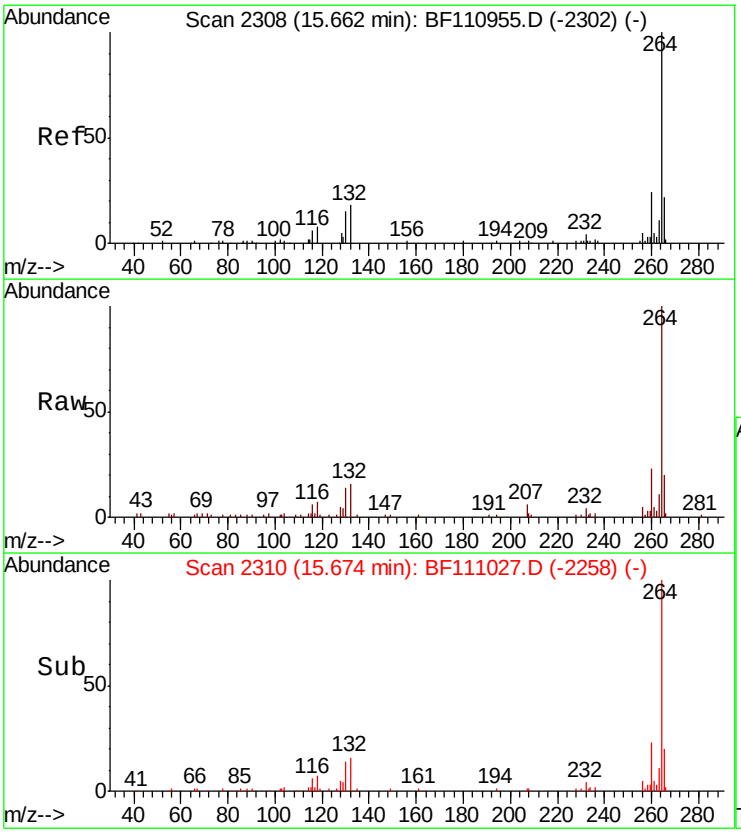
#79
Terphenyl-d14
Concen: 86.697 ng
RT: 13.06 min Scan# 1866
Delta R.T. 0.01 min
Lab File: BF111027.D
Acq: 28 Nov 2018 00:13

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

Tgt Ion:244 Resp: 475035

Ion	Ratio	Lower	Upper
244	100		
212	6.4	5.8	8.8
122	9.8	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: BF111027.D
Acq: 28 Nov 2018 00:13

Tgt Ion:264 Resp: 67723

Ion	Ratio	Lower	Upper
264	100		
260	22.8	18.7	28.1
265	20.1	16.7	25.1