Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF030519\
Data File : BF112859.D
Acq On : 5 Mar 2019 18:25
Operator : JU/SJ
Sample : K1715-03
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-4-B-S

Quant Time: Mar 06 01:44:39 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 01 15:40:43 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	169858	20.00	ng		0.00
21) Naphthalene-d8	8.02	136	660790	20.00	ng		0.00
39) Acenaphthene-d10	9.77	164	327561	20.00	ng		0.00
64) Phenanthrene-d10	11.25	188	665645	20.00	ng		0.00
76) Chrysene-d12	13.87	240	467678	20.00	ng		0.00
87) Perylene-d12	15.28	264	460986	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.35	112	935696	85.69	ng		0.00
7) Phenol-d6	6.37	99	1233160	89.90	ng		0.00
23) Nitrobenzene-d5	7.30	82	743932	67.37	ng		0.00
42) 2,4,6-Tribromophenol	10.56	330	407414	117.16	ng		0.00
45) 2-Fluorobiphenyl	9.09	172	1425651	68.52	ng		0.00
79) Terphenyl-d14	12.83	244	1498416	62.11	ng		0.00
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.30	70	99663	11.472	ng	#	76
25) Isophorone	7.30	82	740326	31.119	ng	#	66
50) Dimethylphthalate	9.49	163	136419	5.648	ng		97
51) 2,6-Dinitrotoluene	9.77	165	41868	8.324	ng	#	18
57) 2,4-Dinitrotoluene	9.77	165	41868	6.697	ng	#	18
65) 4,6-Dinitro-2-methylphenol	10.55	198	638	4.824	ng	#	1
67) 4-Bromophenyl-phenylether	10.55	248	23580	3.363	ng	#	1

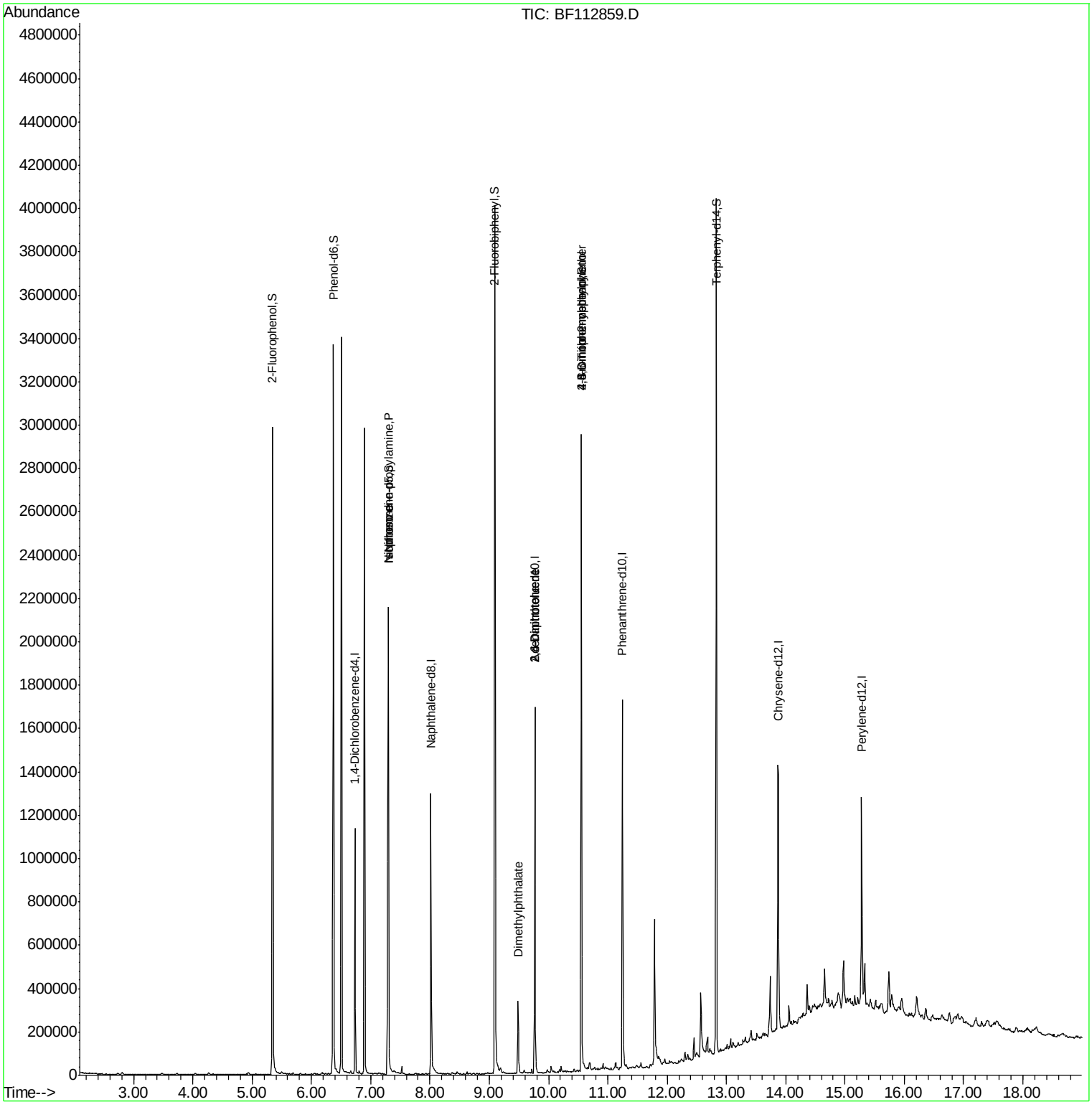
(#) = qualifier out of range (m) = manual integration (+) = signals summed

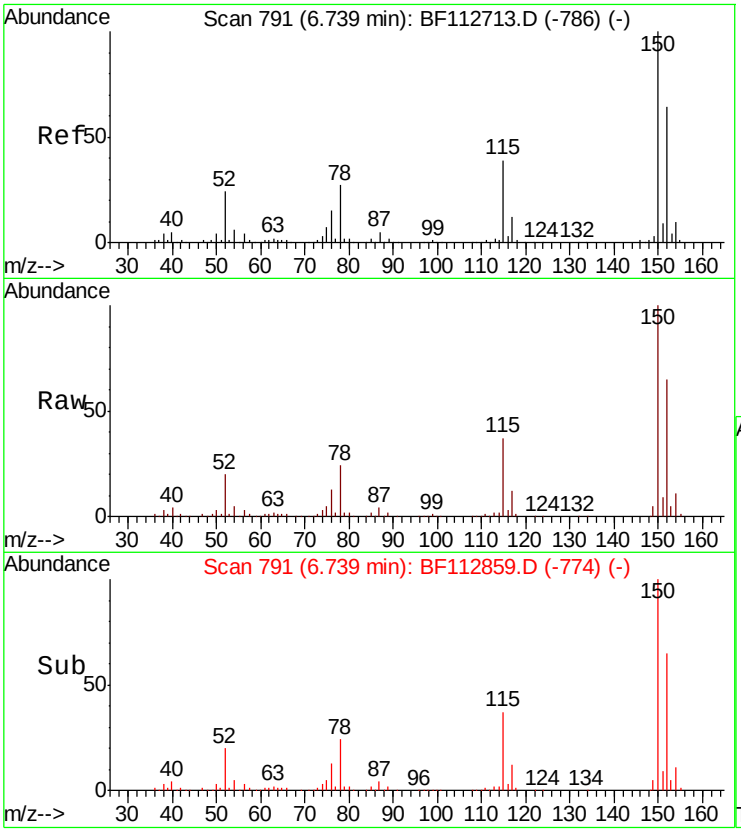
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF030519\
Data File : BF112859.D
Acq On : 5 Mar 2019 18:25
Operator : JU/SJ
Sample : K1715-03
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-4-B-S

Quant Time: Mar 06 01:44:39 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 01 15:40:43 2019
Response via : Initial Calibration



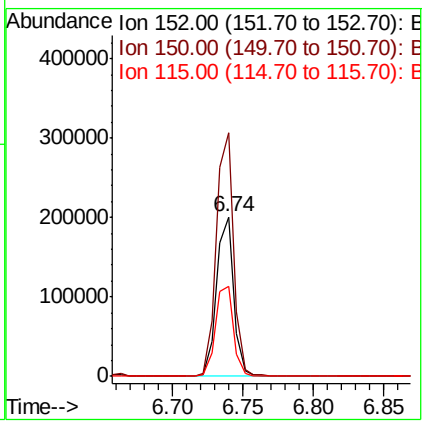


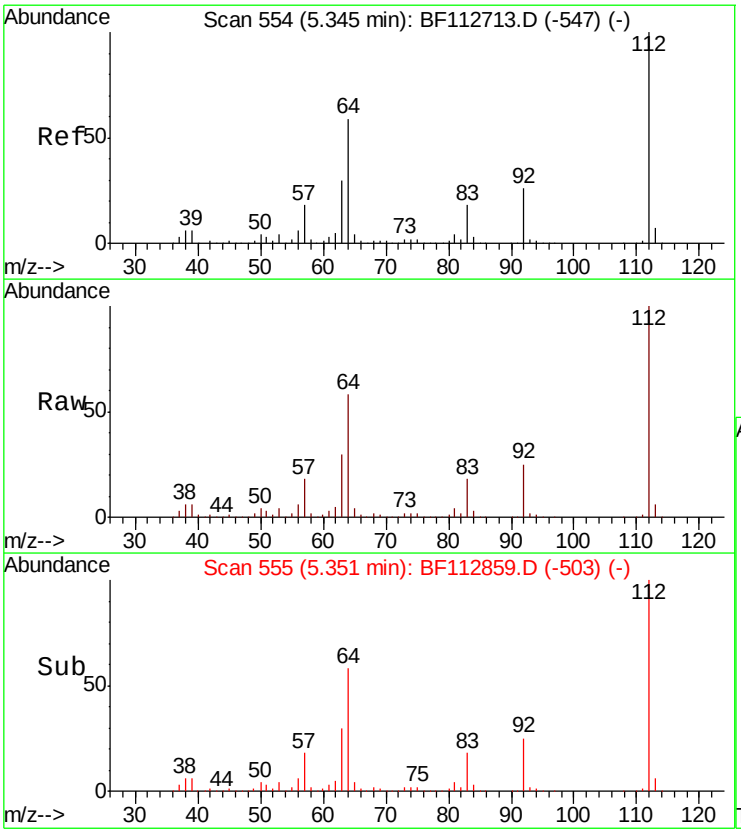
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.74 min Scan# 791
Delta R.T. 0.00 min
Lab File: BF112859.D
Acq: 5 Mar 2019 18:25

Instrument :
BNA_F
ClientSampleId :
TP-4-B-S

Tgt Ion:152 Resp: 169858

Ion	Ratio	Lower	Upper
152	100		
150	152.9	124.2	186.2
115	56.4	48.2	72.4

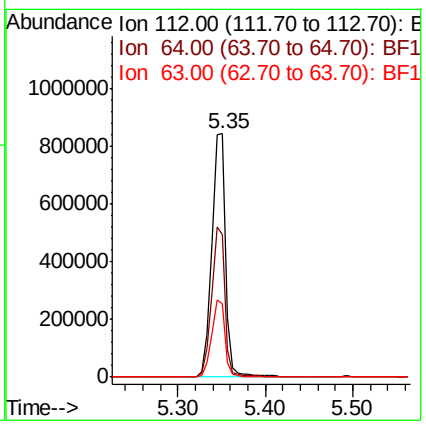


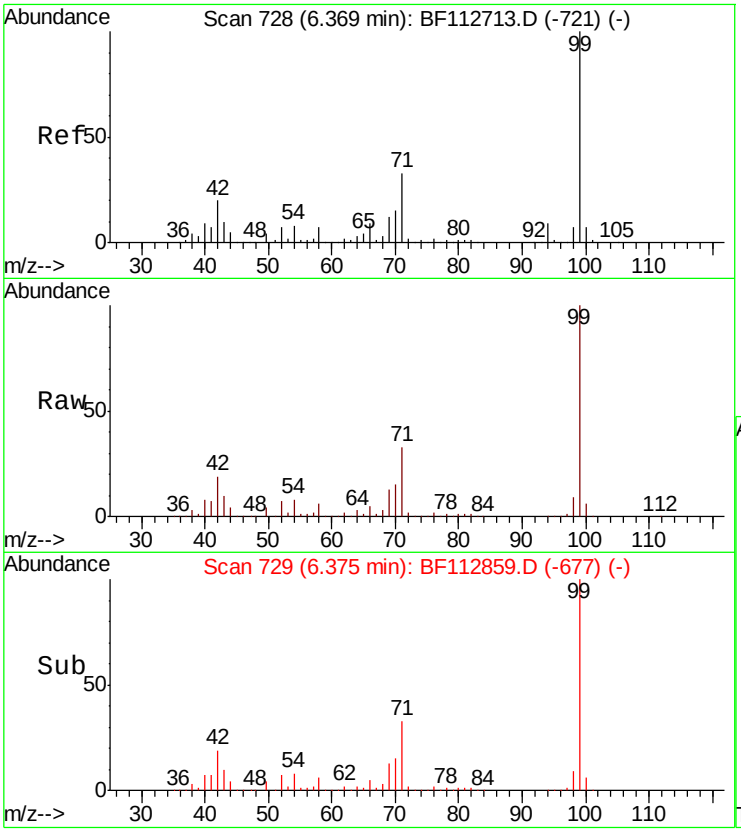


#5
2-Fluorophenol
Concen: 85.690 ng
RT: 5.35 min Scan# 555
Delta R.T. 0.01 min
Lab File: BF112859.D
Acq: 5 Mar 2019 18:25

Tgt Ion:112 Resp: 935696

Ion	Ratio	Lower	Upper
112	100		
64	58.3	47.6	71.4
63	30.2	24.4	36.6



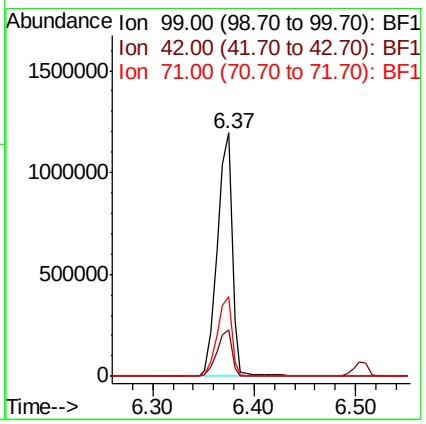


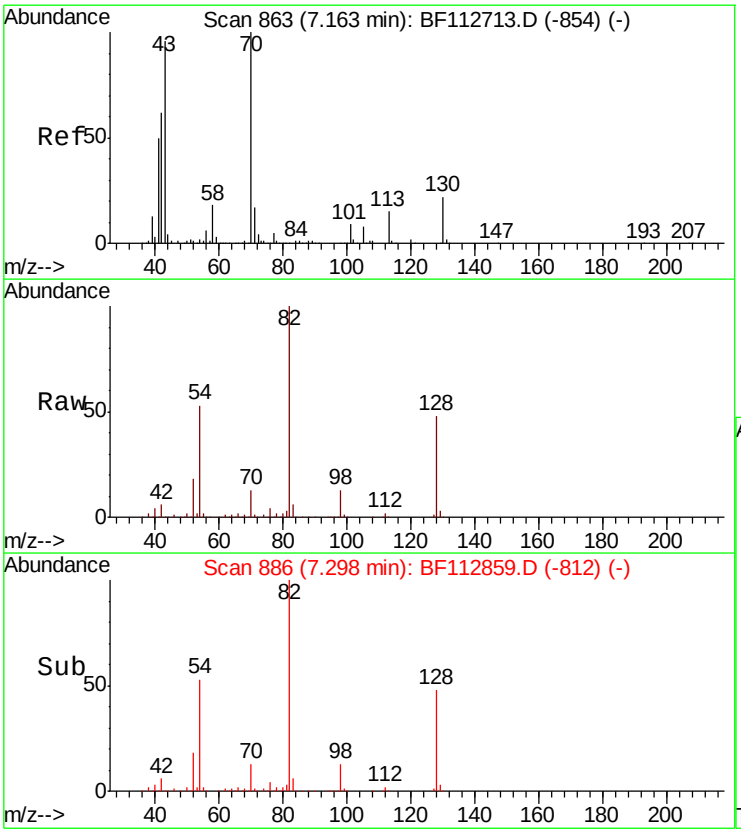
#7
Phenol-d6
Concen: 89.902 ng
RT: 6.37 min Scan# 729
Delta R.T. 0.01 min
Lab File: BF112859.D
Acq: 5 Mar 2019 18:25

Instrument :
BNA_F
ClientSampleId :
TP-4-B-S

Tgt Ion: 99 Resp: 1233160

Ion	Ratio	Lower	Upper
99	100		
42	18.9	16.3	24.5
71	32.7	26.2	39.4

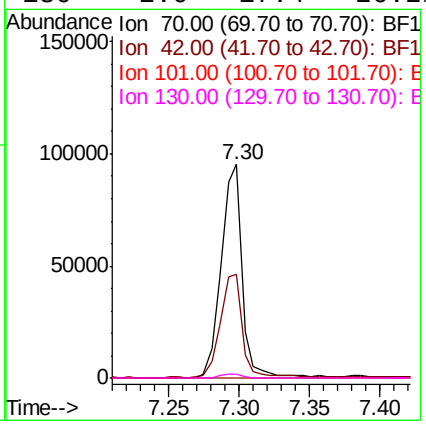


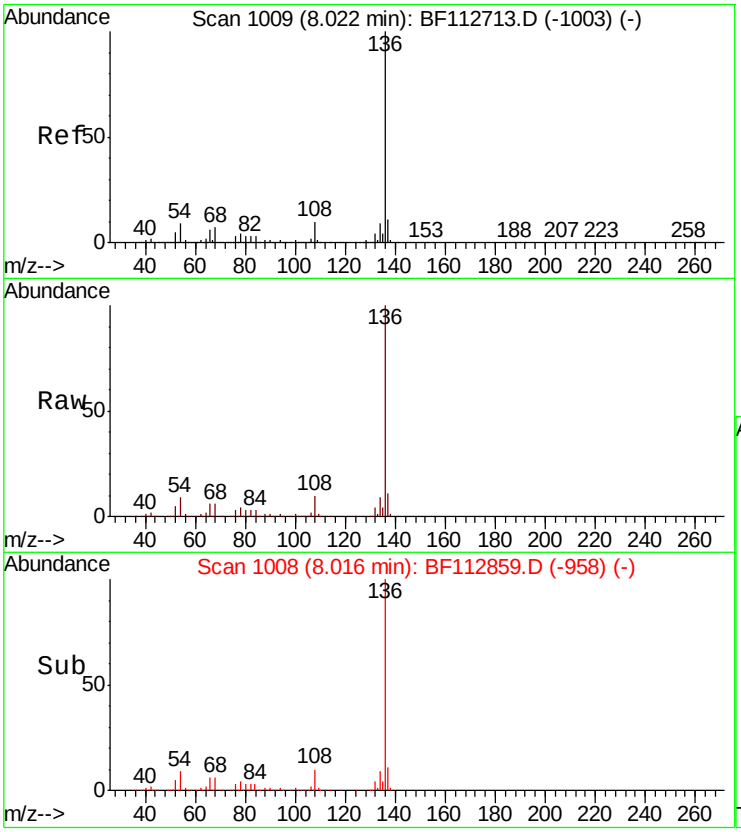


#19
n-Nitroso-di-n-propylamine
Concen: 11.472 ng
RT: 7.30 min Scan# 886
Delta R.T. 0.14 min
Lab File: BF112859.D
Acq: 5 Mar 2019 18:25

Tgt Ion: 70 Resp: 99663

Ion	Ratio	Lower	Upper
70	100		
42	48.4	49.9	74.9#
101	0.0	7.4	11.2#
130	2.0	17.4	26.2#



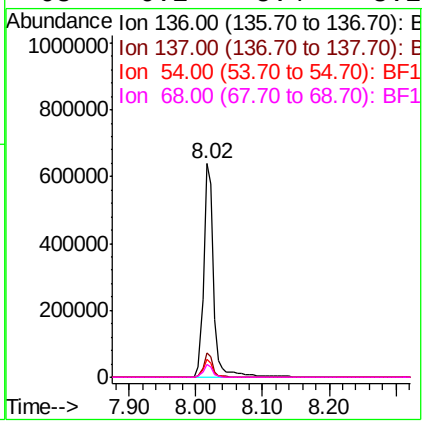


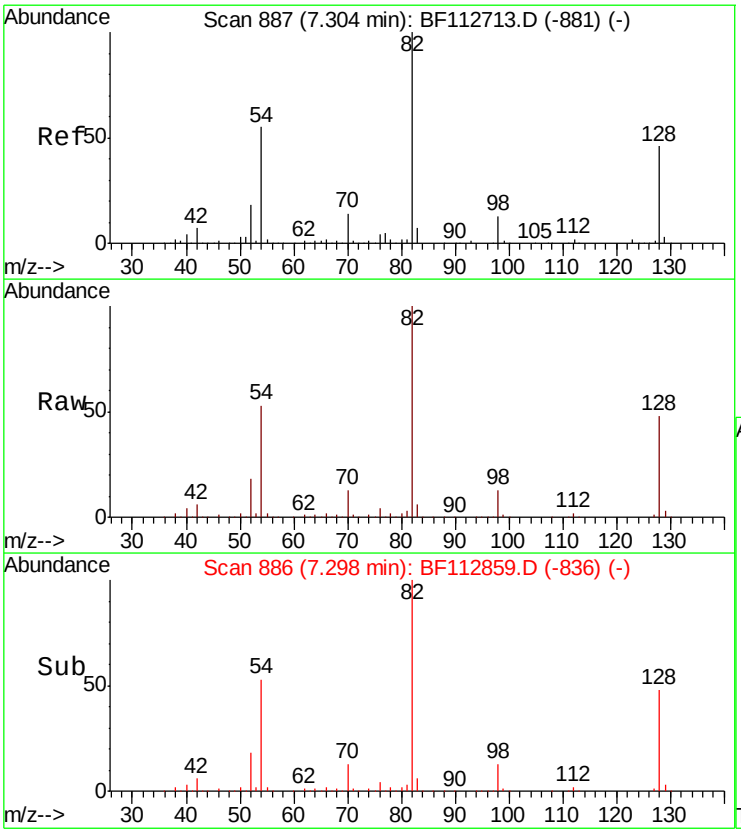
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.02 min Scan# 1008
Delta R.T. -0.01 min
Lab File: BF112859.D
Acq: 5 Mar 2019 18:25

Instrument :
BNA_F
ClientSampleId :
TP-4-B-S

Tgt Ion:136 Resp: 660790

Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.9	13.3
54	8.6	7.3	10.9
68	6.2	5.4	8.2

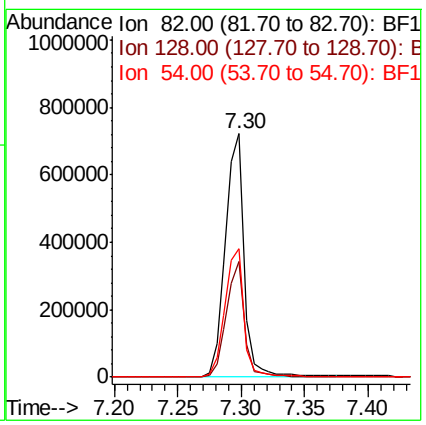


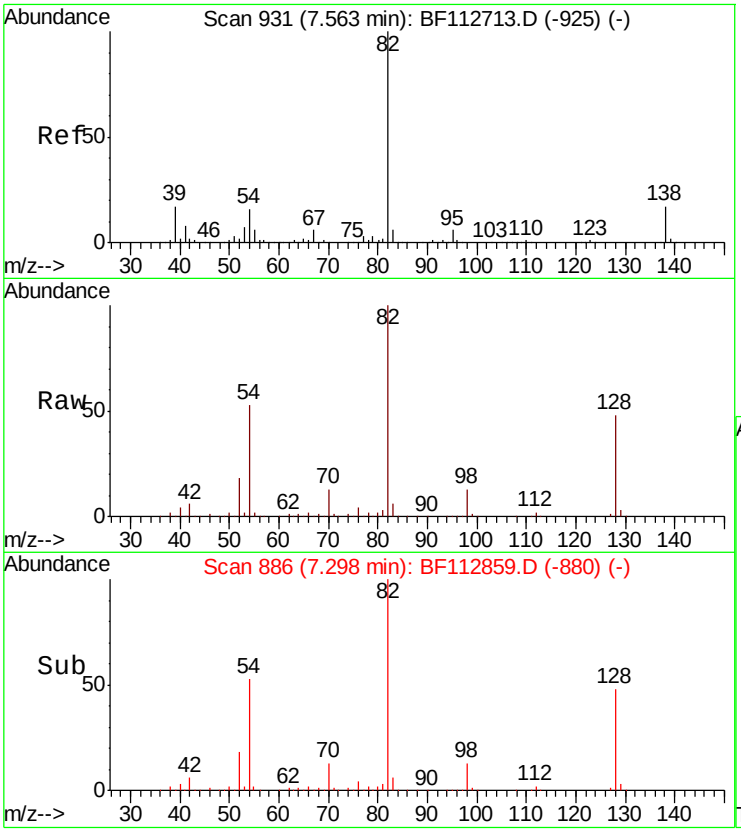


#23
Nitrobenzene-d5
Concen: 67.367 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.01 min
Lab File: BF112859.D
Acq: 5 Mar 2019 18:25

Tgt Ion: 82 Resp: 743932

Ion	Ratio	Lower	Upper
82	100		
128	47.6	36.3	54.5
54	52.9	43.7	65.5



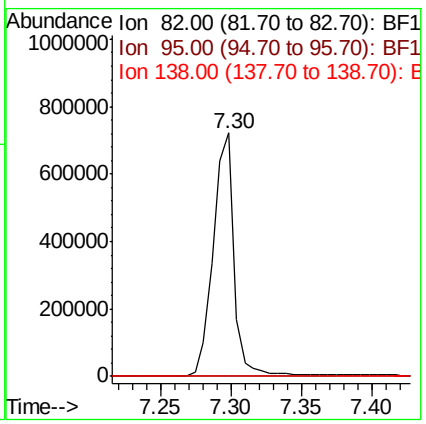


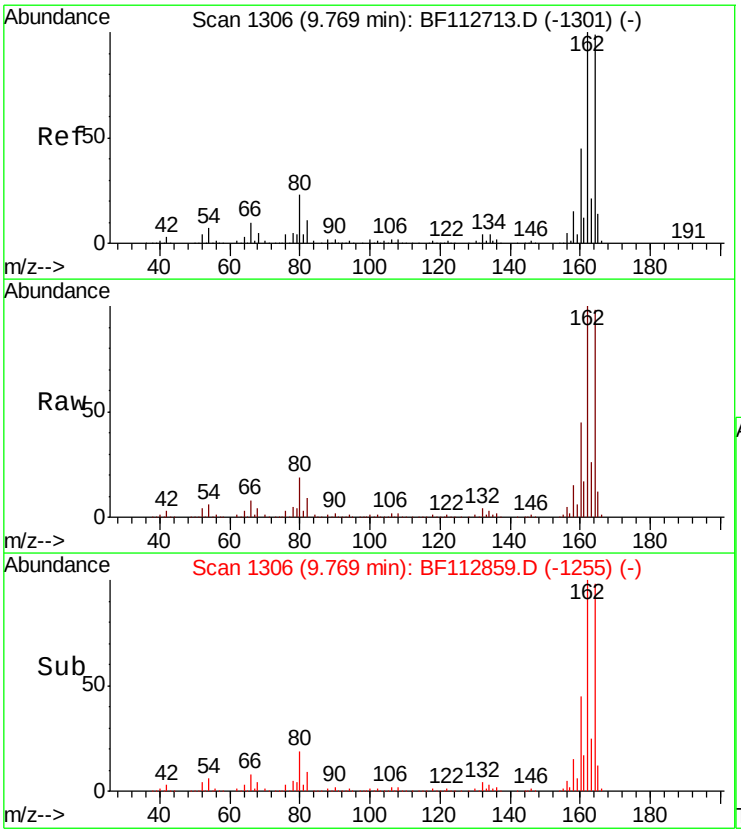
#25
Isophorone
Concen: 31.119 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.26 min
Lab File: BF112859.D
Acq: 5 Mar 2019 18:25

Instrument :
BNA_F
ClientSampleId :
TP-4-B-S

Tgt Ion: 82 Resp: 740326

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.2	7.8#
138	0.0	13.8	20.8#

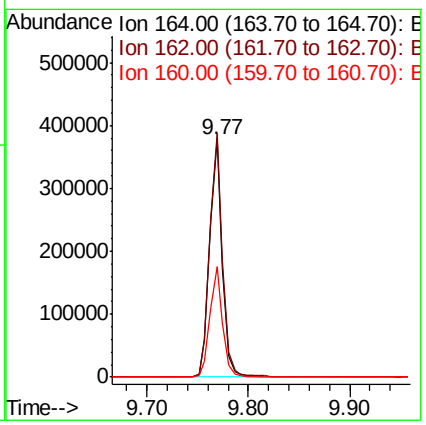


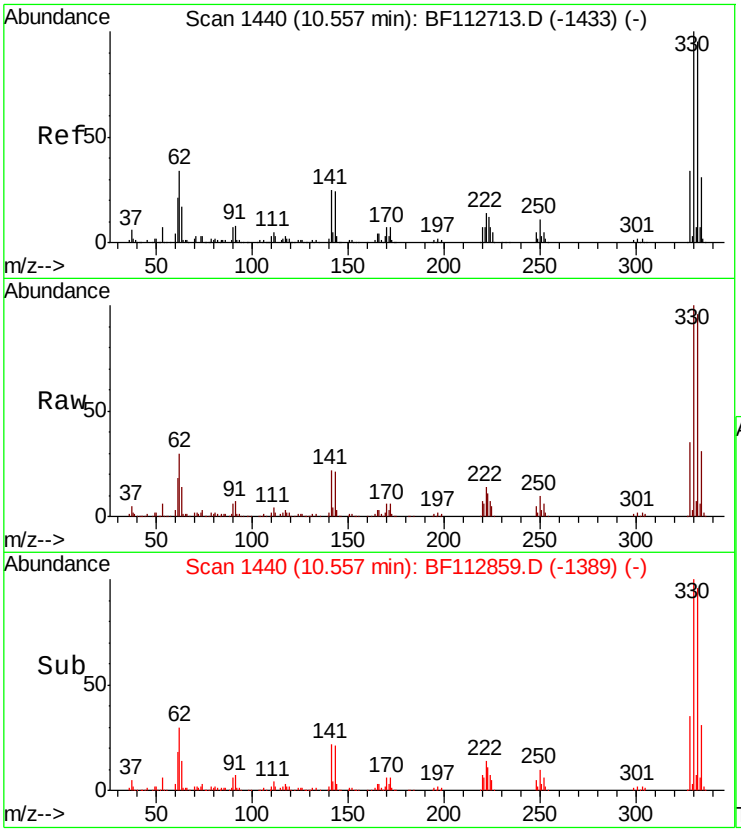


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.77 min Scan# 1306
Delta R.T. 0.00 min
Lab File: BF112859.D
Acq: 5 Mar 2019 18:25

Tgt Ion:164 Resp: 327561

Ion	Ratio	Lower	Upper
164	100		
162	102.2	80.6	120.8
160	46.2	36.0	54.0



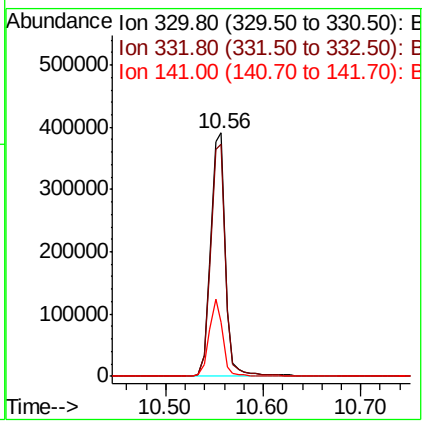


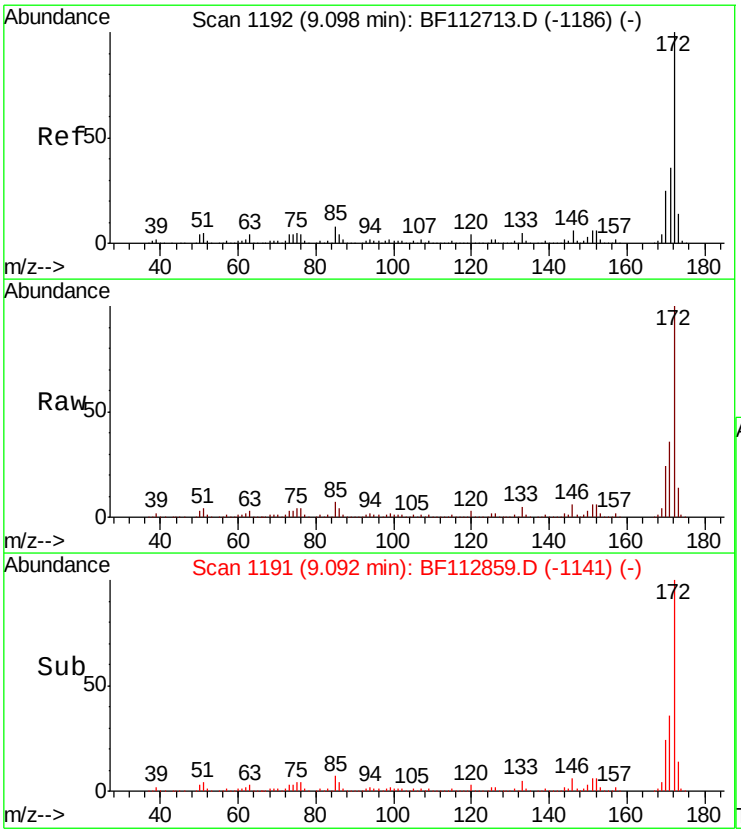
#42
2,4,6-Tribromophenol
Concen: 117.158 ng
RT: 10.56 min Scan# 1440
Delta R.T. 0.00 min
Lab File: BF112859.D
Acq: 5 Mar 2019 18:25

Instrument :
BNA_F
ClientSampleId :
TP-4-B-S

Tgt Ion:330 Resp: 407414

Ion	Ratio	Lower	Upper
330	100		
332	96.5	76.2	114.4
141	29.7	27.0	40.6

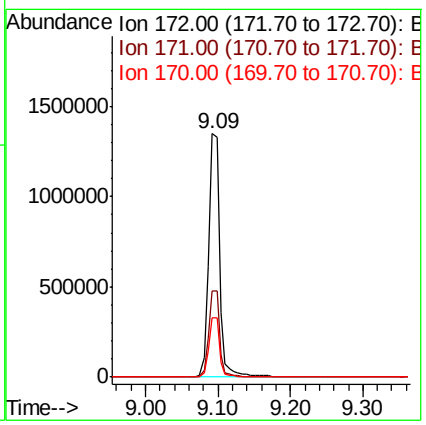


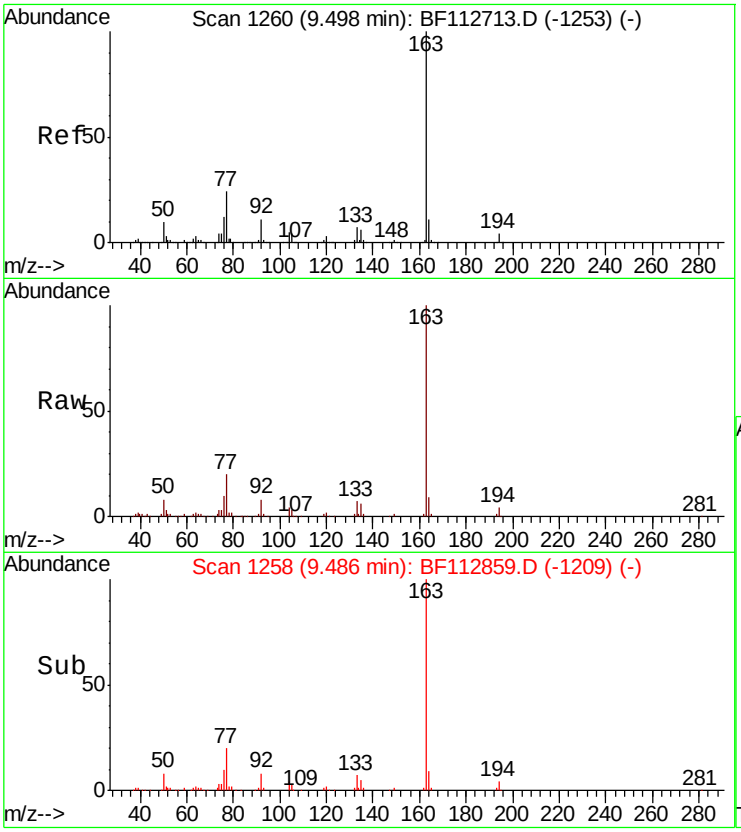


#45
2-Fluorobiphenyl
Concen: 68.517 ng
RT: 9.09 min Scan# 1191
Delta R.T. -0.01 min
Lab File: BF112859.D
Acq: 5 Mar 2019 18:25

Tgt Ion:172 Resp: 1425651

Ion	Ratio	Lower	Upper
172	100		
171	35.5	29.0	43.4
170	24.3	20.0	30.0



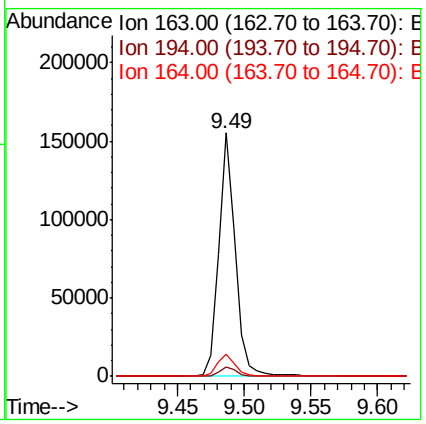


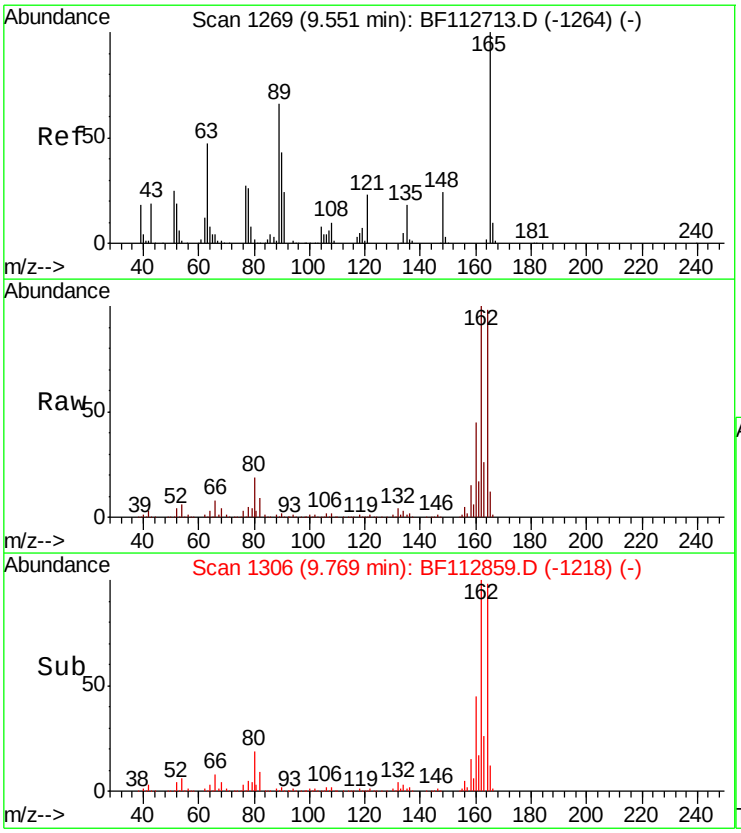
#50
Dimethylphthalate
Concen: 5.648 ng
RT: 9.49 min Scan# 1258
Delta R.T. -0.01 min
Lab File: BF112859.D
Acq: 5 Mar 2019 18:25

Instrument :
BNA_F
ClientSampleId :
TP-4-B-S

Tgt Ion:163 Resp: 136419

Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.0	4.4
164	9.1	8.4	12.6

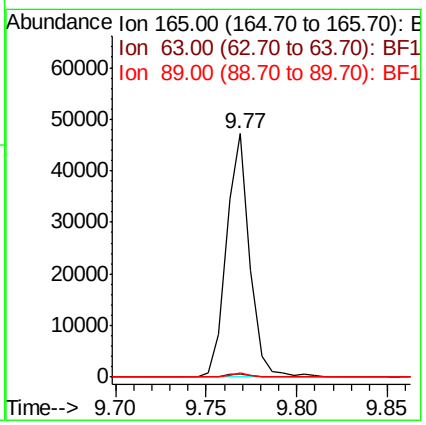


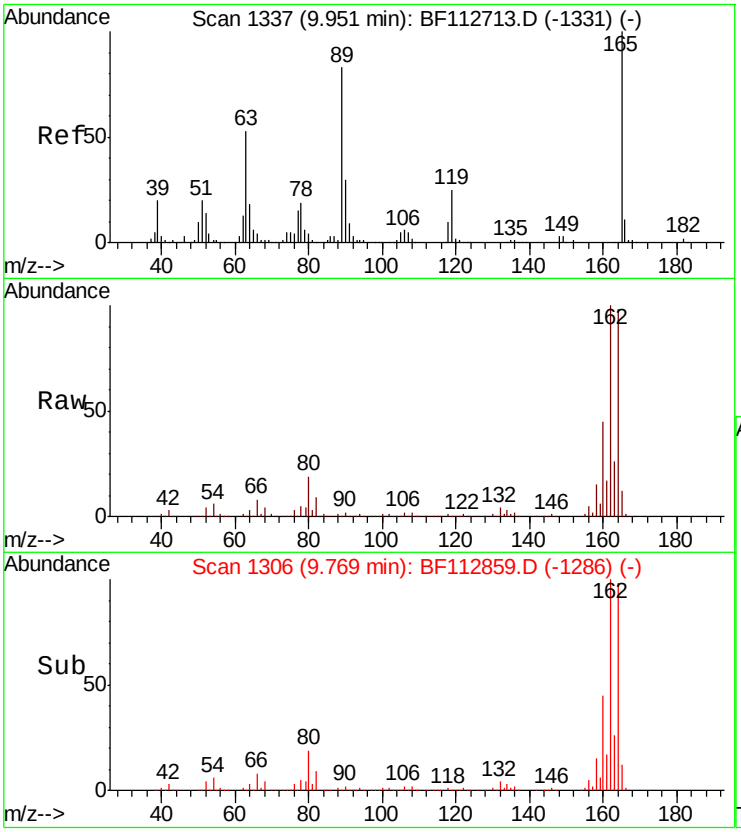


#51
2,6-Dinitrotoluene
Concen: 8.324 ng
RT: 9.77 min Scan# 1306
Delta R.T. 0.22 min
Lab File: BF112859.D
Acq: 5 Mar 2019 18:25

Tgt Ion:165 Resp: 41868

Ion	Ratio	Lower	Upper
165	100		
63	1.3	54.1	81.1#
89	1.6	52.8	79.2#



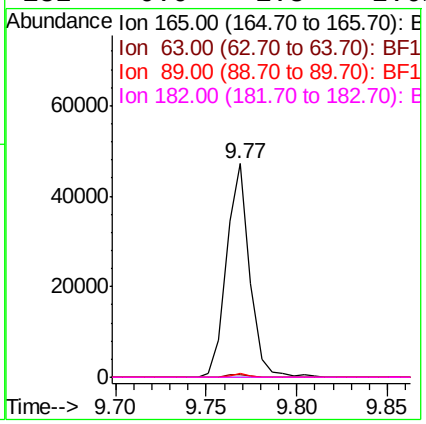


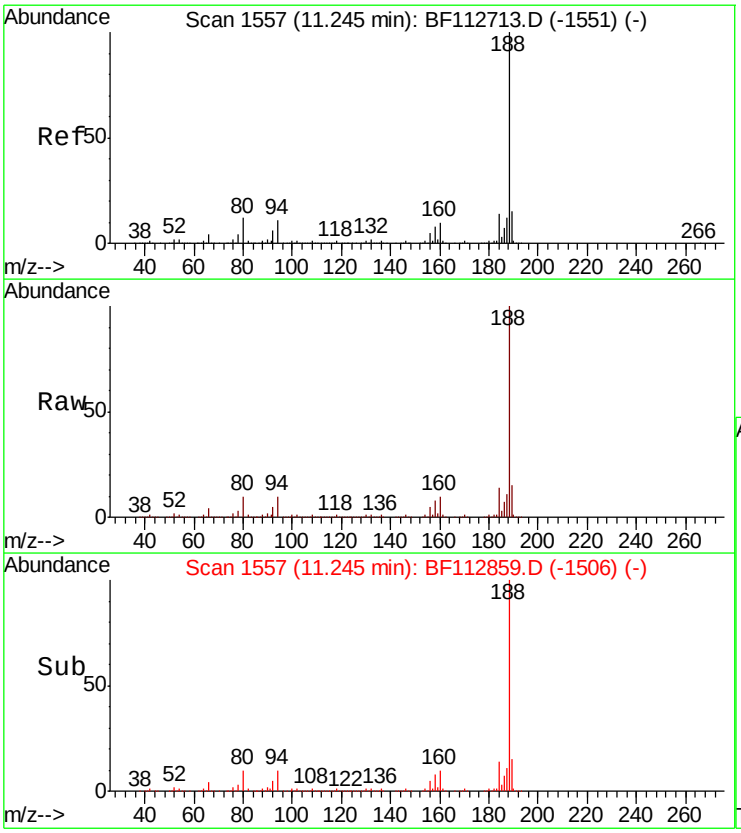
#57
2,4-Dinitrotoluene
Concen: 6.697 ng
RT: 9.77 min Scan# 1306
Delta R.T. -0.18 min
Lab File: BF112859.D
Acq: 5 Mar 2019 18:25

Instrument :
BNA_F
ClientSampleId :
TP-4-B-S

Tgt Ion:165 Resp: 41868

Ion	Ratio	Lower	Upper
165	100		
63	1.3	42.2	63.2#
89	1.6	66.2	99.4#
182	0.0	1.8	2.6#

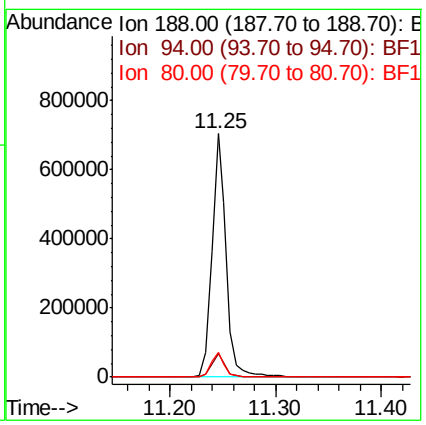


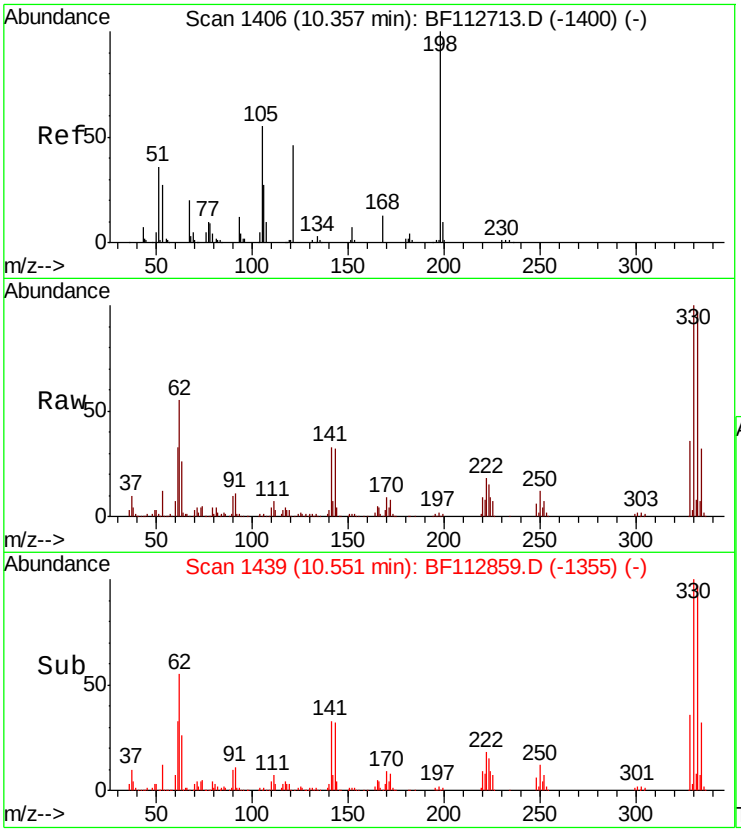


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.25 min Scan# 1557
Delta R.T. 0.00 min
Lab File: BF112859.D
Acq: 5 Mar 2019 18:25

Tgt Ion:188 Resp: 665645

Ion	Ratio	Lower	Upper
188	100		
94	9.8	9.0	13.4
80	10.2	9.2	13.8



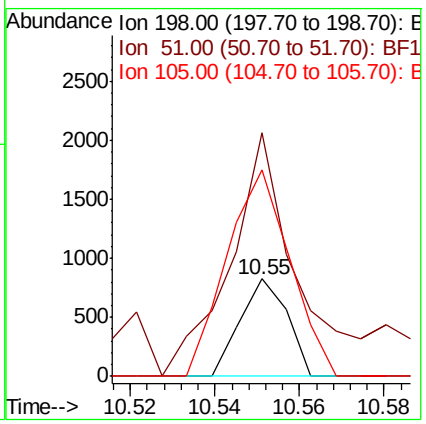


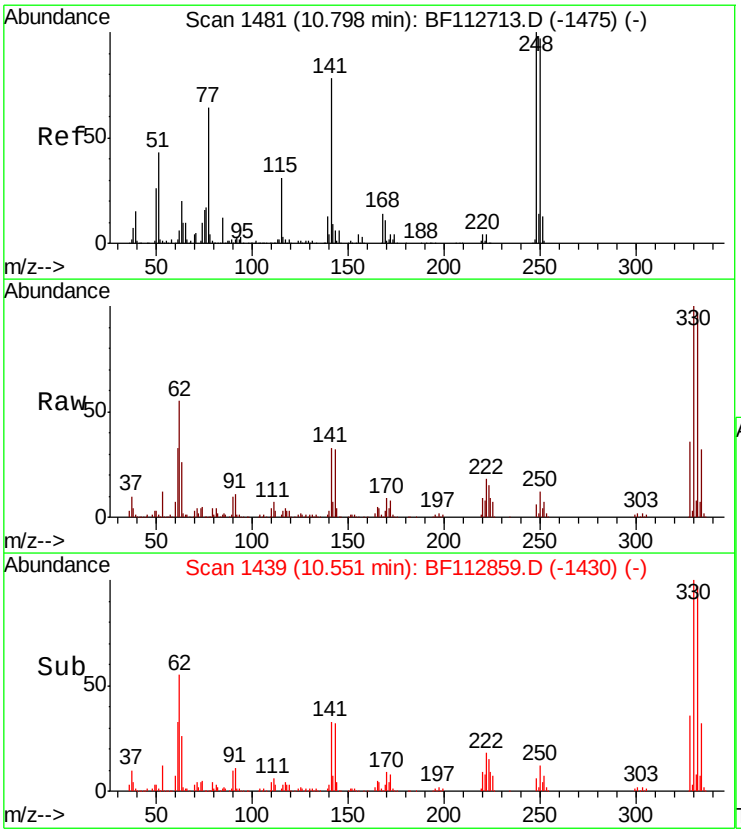
#65
4,6-Dinitro-2-methylphenol
Concen: 4.824 ng
RT: 10.55 min Scan# 1439
Delta R.T. 0.19 min
Lab File: BF112859.D
Acq: 5 Mar 2019 18:25

Instrument :
BNA_F
ClientSampleId :
TP-4-B-S

Tgt Ion:198 Resp: 638

Ion	Ratio	Lower	Upper
198	100		
51	250.5	43.8	83.8#
105	212.2	36.5	76.5#

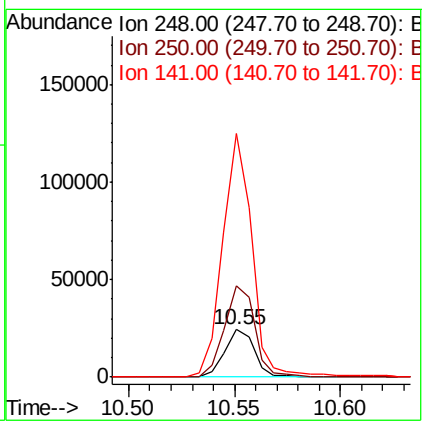


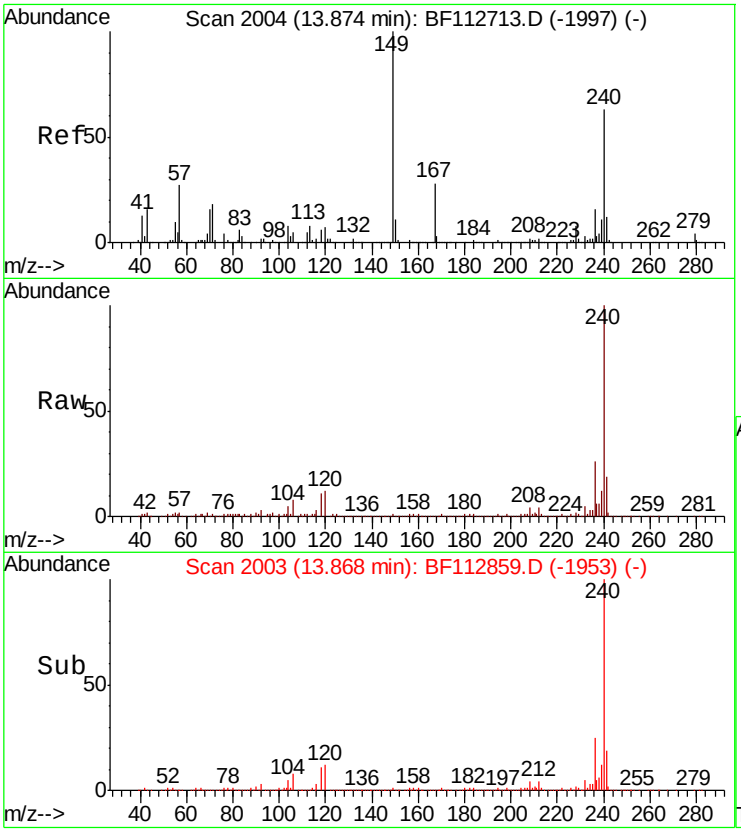


#67
4-Bromophenyl-phenylether
Concen: 3.363 ng
RT: 10.55 min Scan# 1439
Delta R.T. -0.25 min
Lab File: BF112859.D
Acq: 5 Mar 2019 18:25

Tgt Ion:248 Resp: 23580

Ion	Ratio	Lower	Upper
248	100		
250	190.9	77.5	116.3#
141	510.6	62.4	93.6#



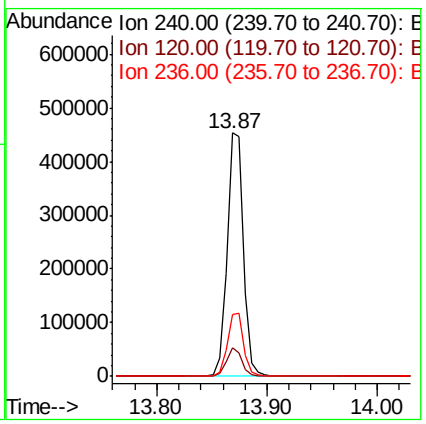


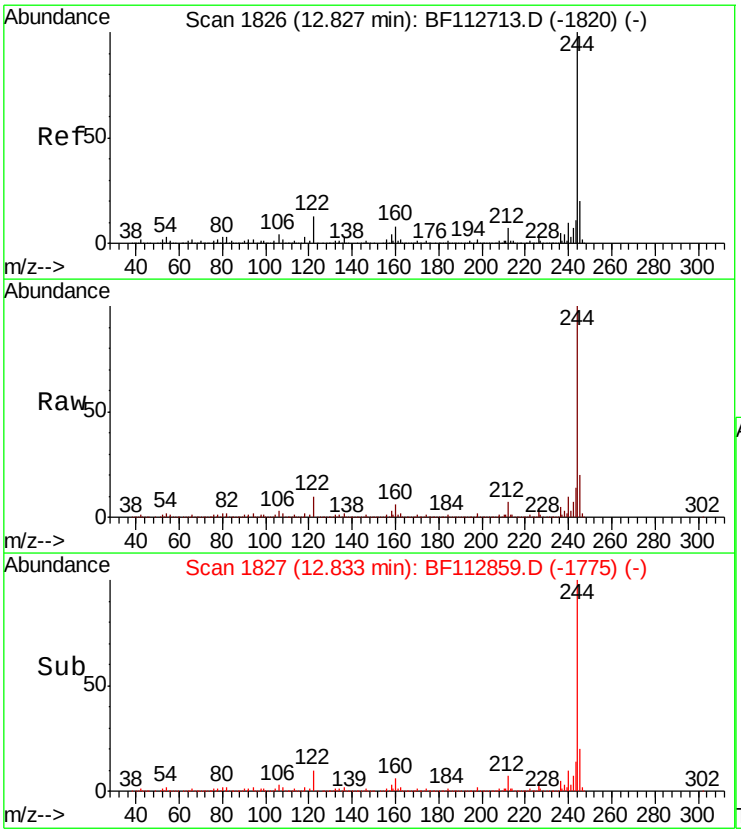
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.87 min Scan# 2003
Delta R.T. -0.01 min
Lab File: BF112859.D
Acq: 5 Mar 2019 18:25

Instrument :
BNA_F
ClientSampleId :
TP-4-B-S

Tgt Ion:240 Resp: 467678

Ion	Ratio	Lower	Upper
240	100		
120	11.9	8.9	13.3
236	25.6	20.7	31.1

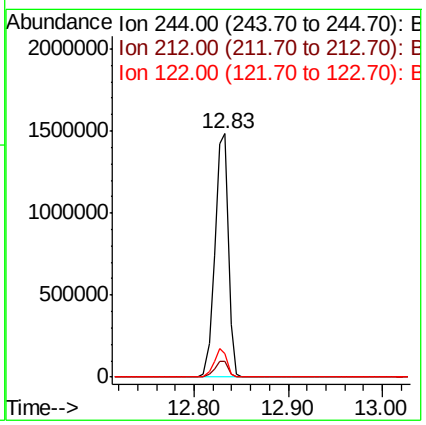


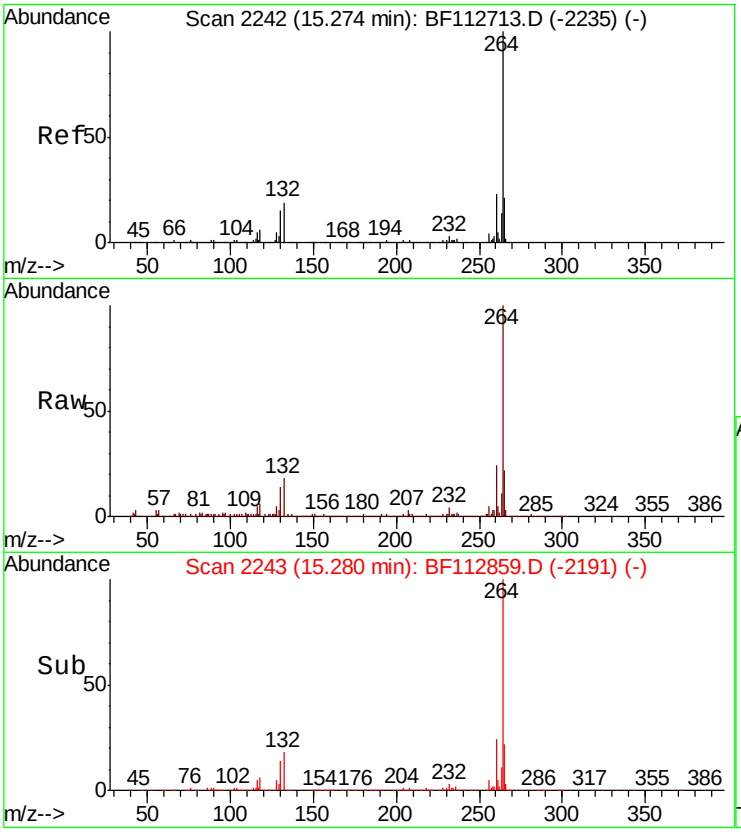


#79
Terphenyl-d14
Concen: 62.108 ng
RT: 12.83 min Scan# 1827
Delta R.T. 0.01 min
Lab File: BF112859.D
Acq: 5 Mar 2019 18:25

Tgt Ion:244 Resp: 1498416

Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.6	8.4
122	9.8	10.5	15.7#





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.28 min Scan# 2243
Delta R.T. 0.01 min
Lab File: BF112859.D
Acq: 5 Mar 2019 18:25

Instrument :
BNA_F
ClientSampleId :
TP-4-B-S

Tgt Ion:264 Resp: 460986

Ion	Ratio	Lower	Upper
264	100		
260	24.3	18.7	28.1
265	21.9	17.2	25.8