Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF031119\
Data File : BF112955.D
Acq On : 11 Mar 2019 15:31
Operator : JU/SJ
Sample : K1837-07
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MR-MH-08-COMP

Quant Time: Mar 12 04:38:10 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	6.73	152	154068	20.00	ng		-0.01
21) Naphthalene-d8	8.01	136	543905	20.00	ng		-0.01
39) Acenaphthene-d10	9.76	164	285935	20.00	ng		0.00
64) Phenanthrene-d10	11.24	188	627088	20.00	ng		0.00
76) Chrysene-d12	13.86	240	680132	20.00	ng		-0.01
87) Perylene-d12	15.27	264	688348	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.34	112	1125239	113.61	ng		0.00
7) Phenol-d6	6.37	99	1478838	118.86	ng		0.00
23) Nitrobenzene-d5	7.29	82	886165	97.49	ng		-0.02
42) 2,4,6-Tribromophenol	10.55	330	488237	160.84	ng		-0.01
45) 2-Fluorobiphenyl	9.09	172	1615308	97.29	ng		-0.01
79) Terphenyl-d14	12.82	244	2076662	59.19	ng		0.00
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.29	70	116296	14.759	ng	#	77
25) Isophorone	7.29	82	882355	45.059	ng	#	66
50) Dimethylphthalate	9.48	163	97391	4.619	ng		99
51) 2,6-Dinitrotoluene	9.76	165	36939	8.414	ng	#	18
57) 2,4-Dinitrotoluene	9.76	165	36940	6.769	ng	#	18
65) 4,6-Dinitro-2-methylphenol	10.55	198	767	4.882	ng	#	1
67) 4-Bromophenyl-phenylether	10.55	248	28002	4.239	ng	#	1

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

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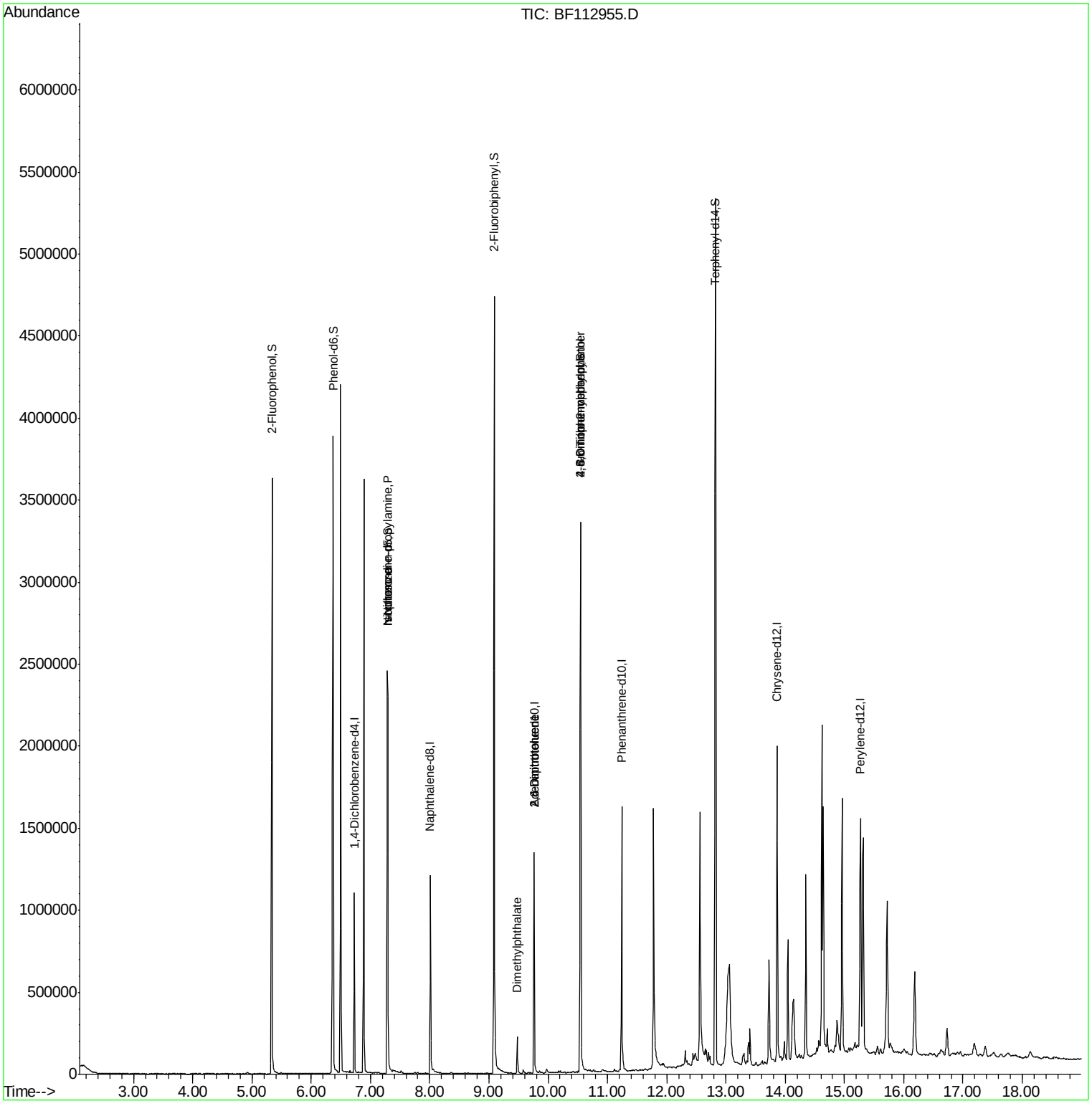
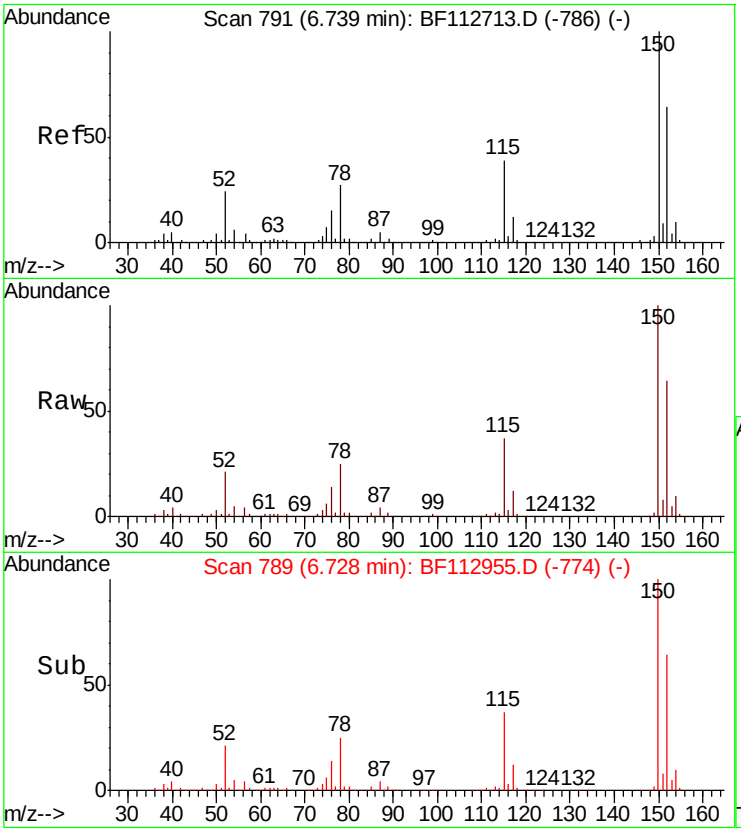


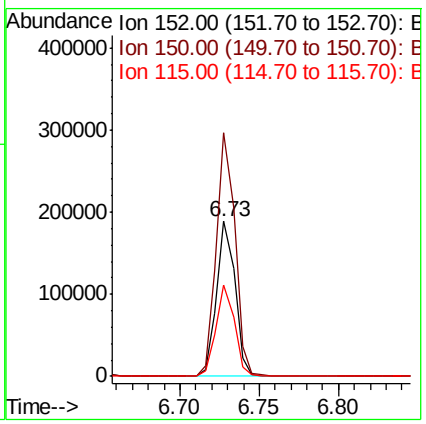


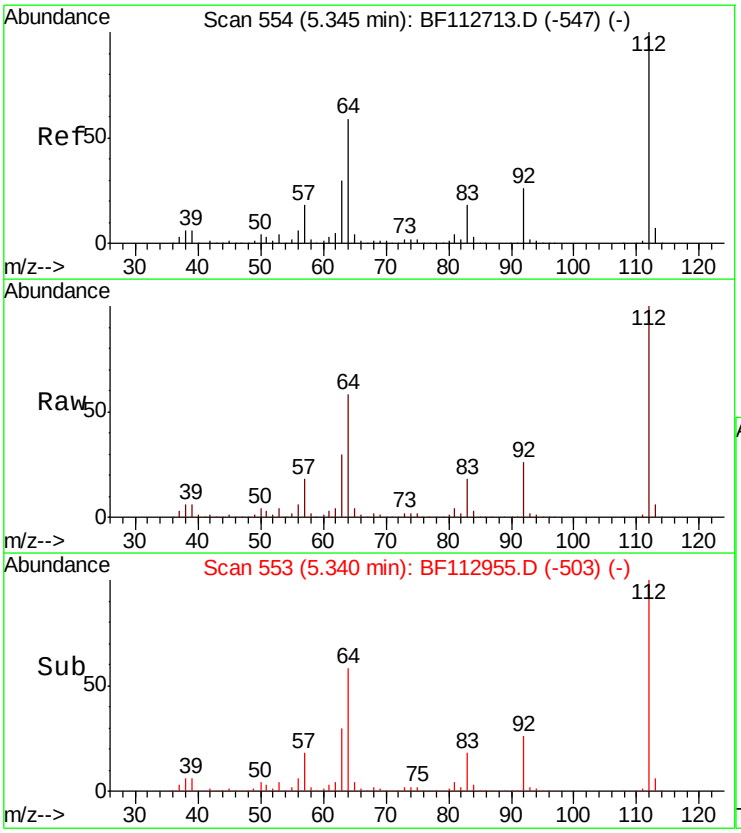
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 789
Delta R.T. -0.01 min
Lab File: BF112955.D
Acq: 11 Mar 2019 15:31

Instrument :
BNA_F
ClientSampleId :
MR-MH-08-COMP

Tgt Ion:152 Resp: 154068

Ion	Ratio	Lower	Upper
152	100		
150	157.1	124.2	186.2
115	58.6	48.2	72.4

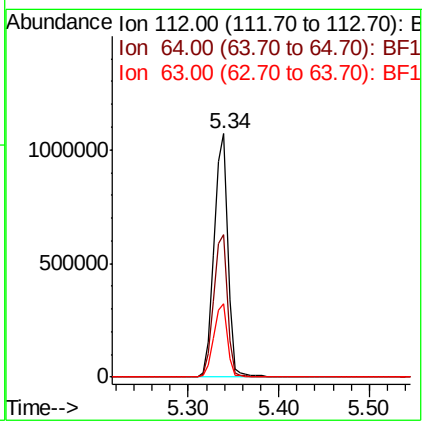


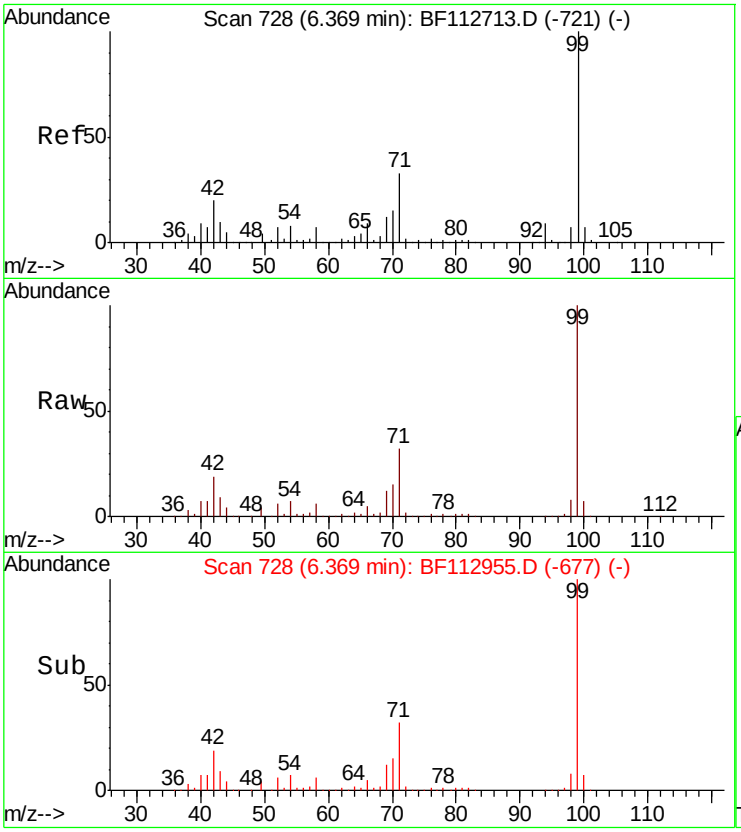


#5
2-Fluorophenol
Concen: 113.609 ng
RT: 5.34 min Scan# 553
Delta R.T. -0.01 min
Lab File: BF112955.D
Acq: 11 Mar 2019 15:31

Tgt Ion:112 Resp: 1125239

Ion	Ratio	Lower	Upper
112	100		
64	58.4	47.6	71.4
63	30.0	24.4	36.6



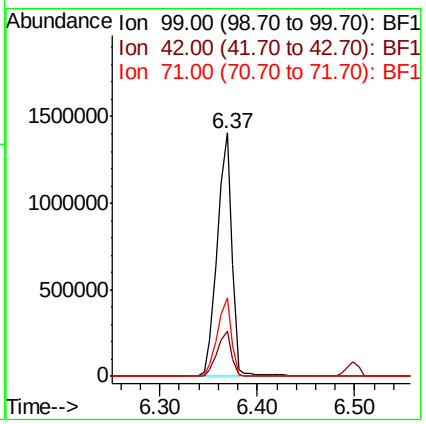


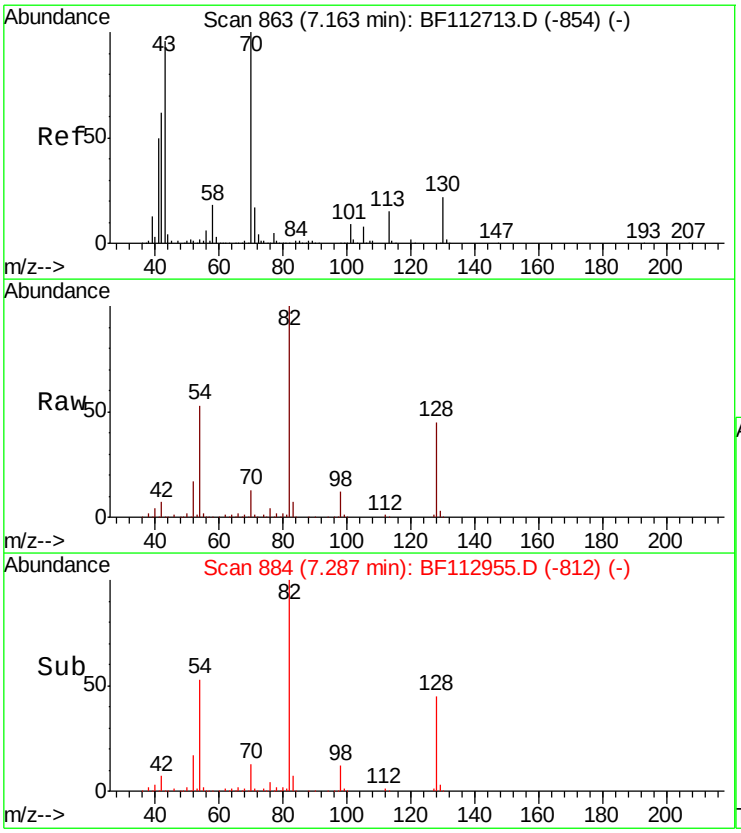
#7
Phenol-d6
Concen: 118.862 ng
RT: 6.37 min Scan# 728
Delta R.T. 0.00 min
Lab File: BF112955.D
Acq: 11 Mar 2019 15:31

Instrument :
BNA_F
ClientSampleId :
MR-MH-08-COMP

Tgt Ion: 99 Resp: 1478838

Ion	Ratio	Lower	Upper
99	100		
42	18.7	16.3	24.5
71	32.2	26.2	39.4

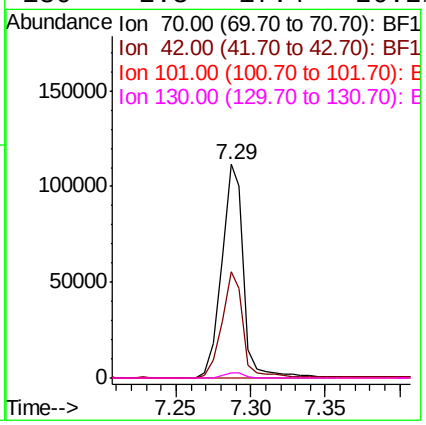


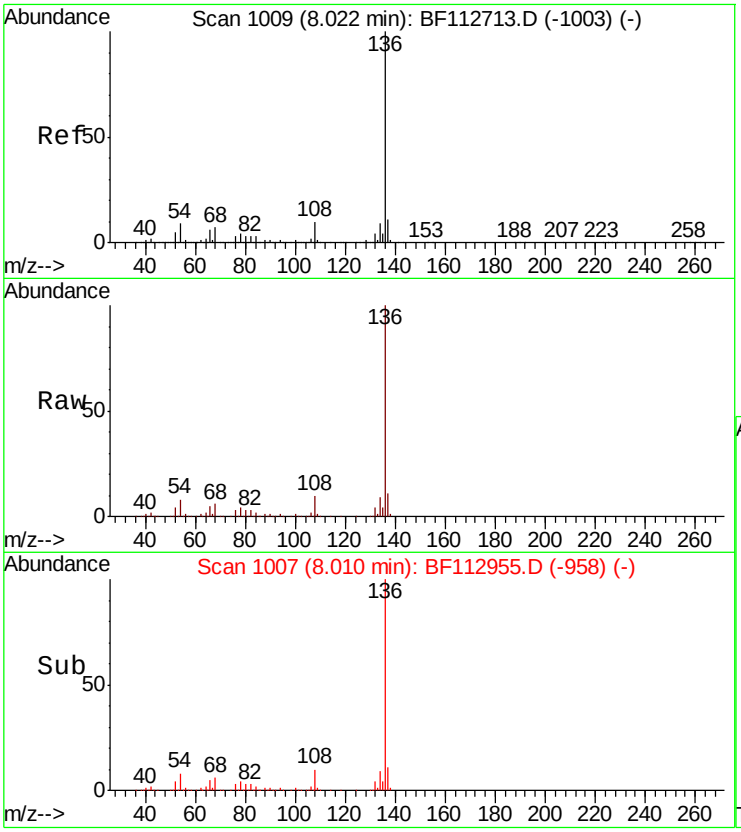


#19
n-Nitroso-di-n-propylamine
Concen: 14.759 ng
RT: 7.29 min Scan# 884
Delta R.T. 0.12 min
Lab File: BF112955.D
Acq: 11 Mar 2019 15:31

Tgt Ion: 70 Resp: 116296

Ion	Ratio	Lower	Upper
70	100		
42	49.7	49.9	74.9#
101	0.0	7.4	11.2#
130	2.3	17.4	26.2#



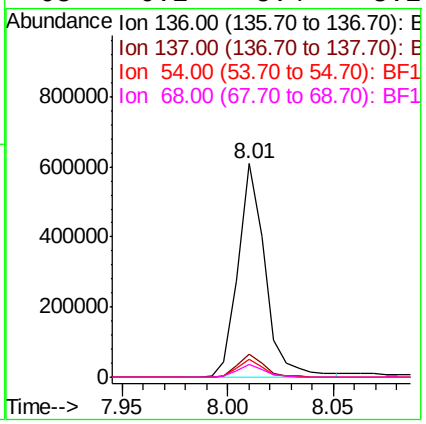


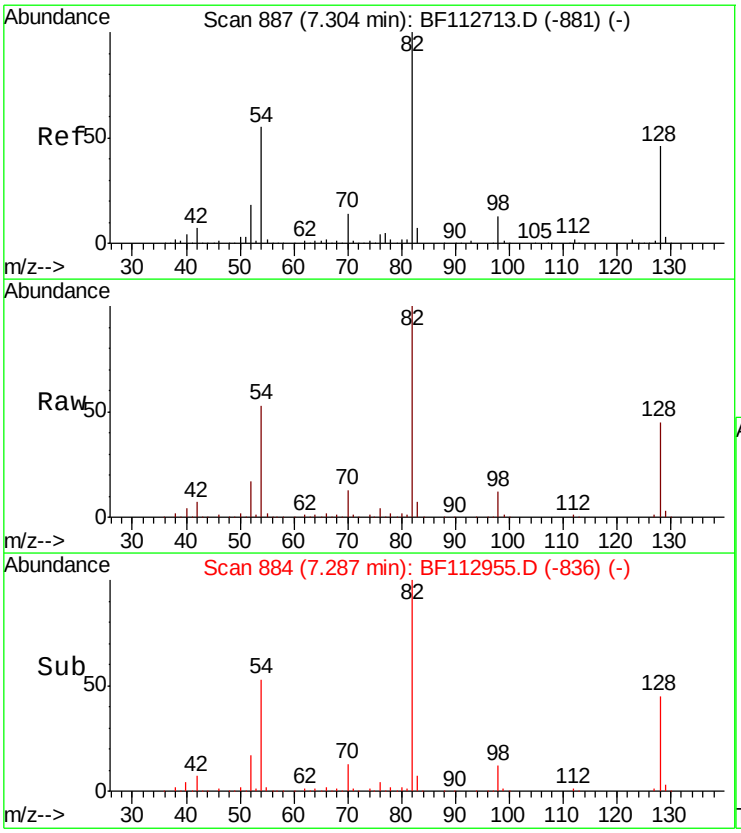
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.01 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BF112955.D
Acq: 11 Mar 2019 15:31

Instrument :
BNA_F
ClientSampleId :
MR-MH-08-COMP

Tgt Ion:136 Resp: 543905

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

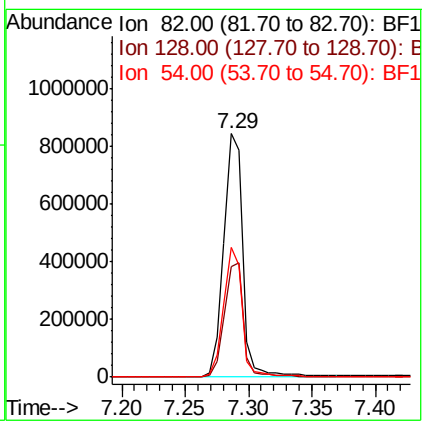


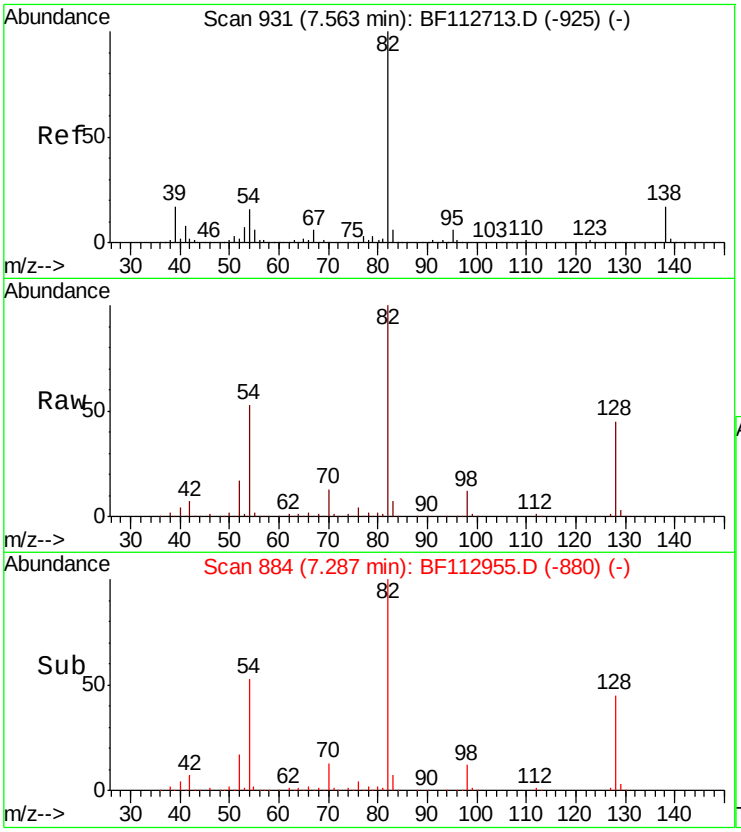


#23
Nitrobenzene-d5
Concen: 97.492 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.02 min
Lab File: BF112955.D
Acq: 11 Mar 2019 15:31

Tgt Ion: 82 Resp: 886165

Ion	Ratio	Lower	Upper
82	100		
128	45.2	36.3	54.5
54	53.0	43.7	65.5



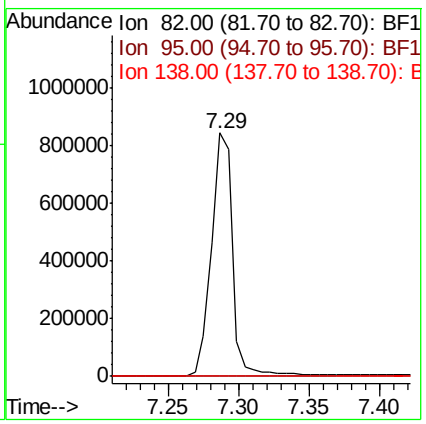


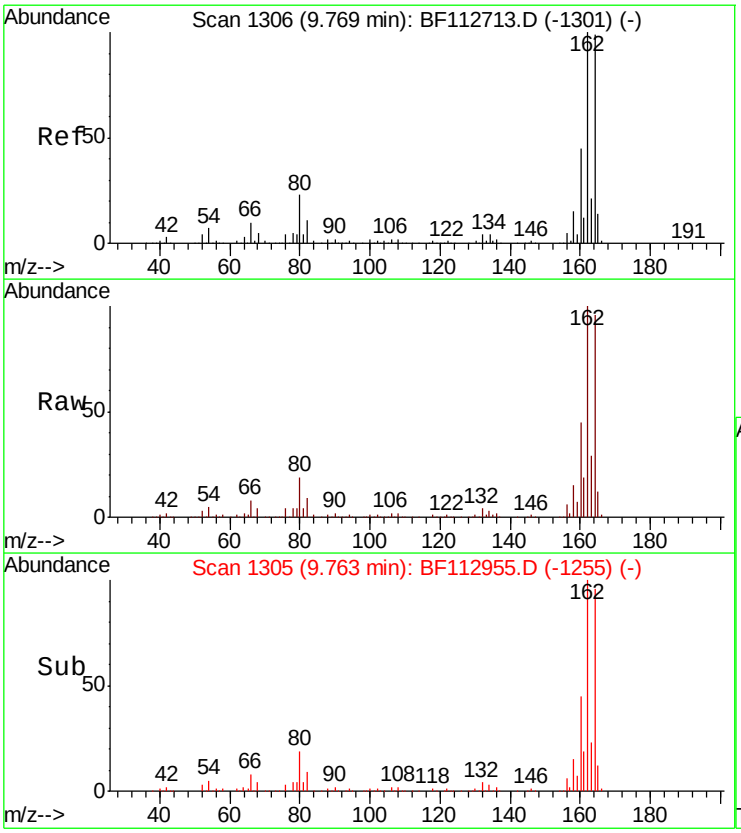
#25
Isophorone
Concen: 45.059 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.28 min
Lab File: BF112955.D
Acq: 11 Mar 2019 15:31

Instrument :
BNA_F
ClientSampleId :
MR-MH-08-COMP

Tgt Ion: 82 Resp: 882355

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

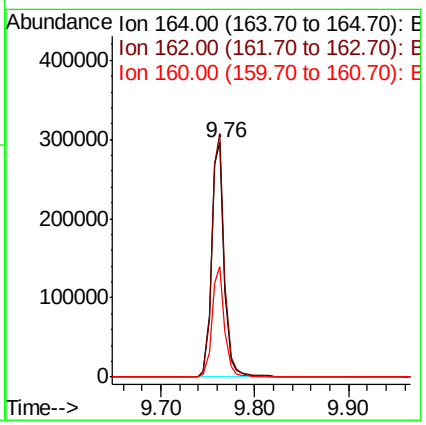


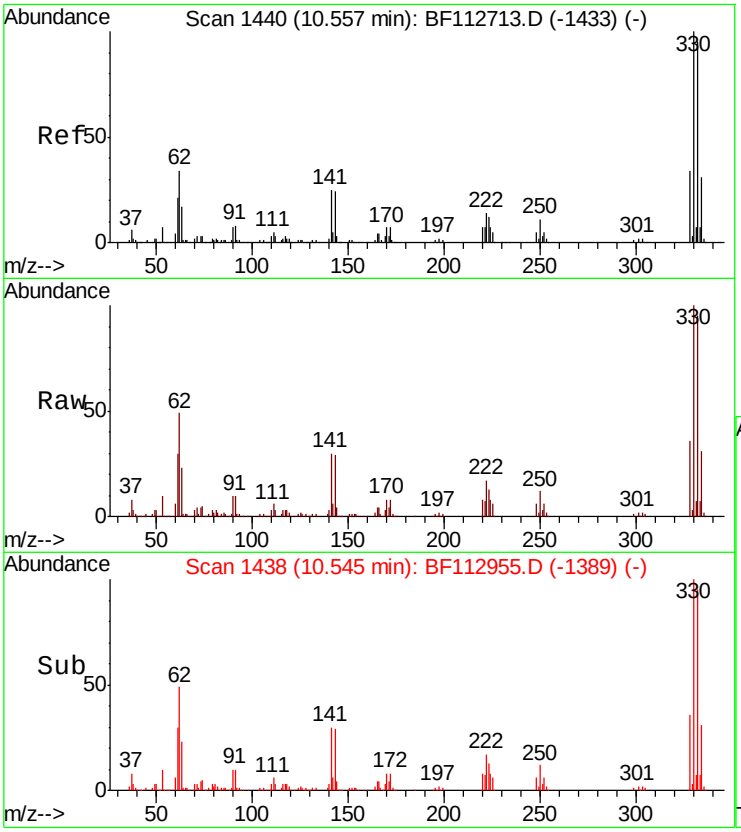


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.76 min Scan# 1305
Delta R.T. -0.01 min
Lab File: BF112955.D
Acq: 11 Mar 2019 15:31

Tgt Ion:164 Resp: 285935

Ion	Ratio	Lower	Upper
164	100		
162	104.0	80.6	120.8
160	46.9	36.0	54.0



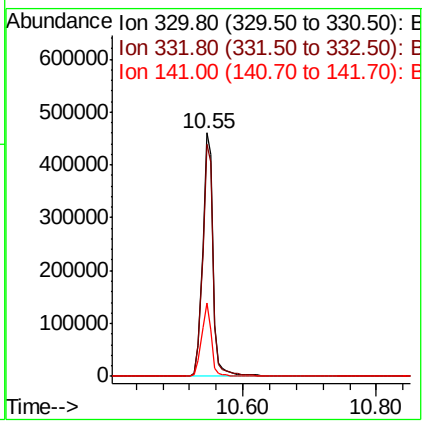


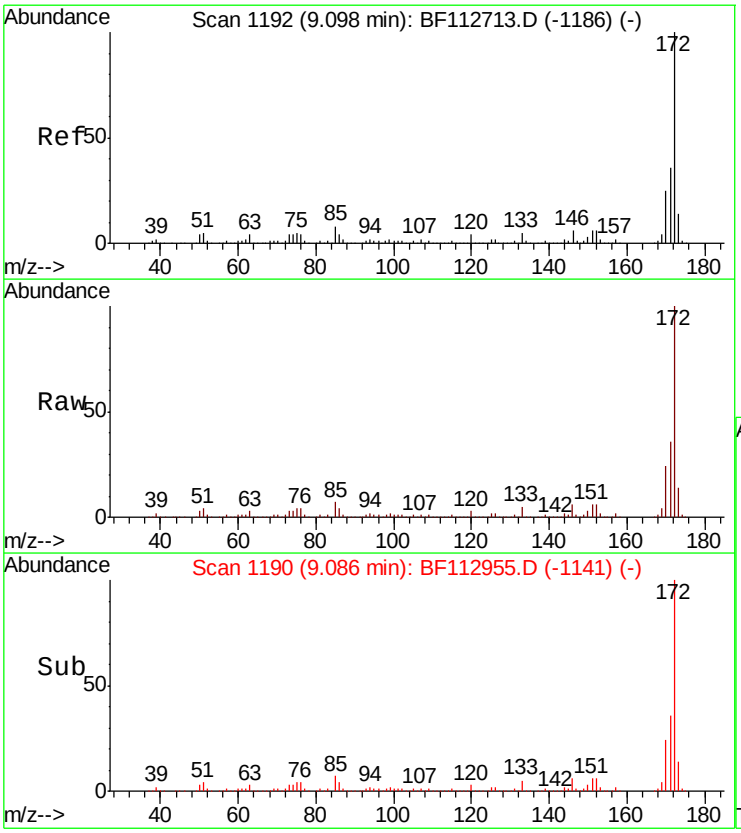
#42
2,4,6-Tribromophenol
Concen: 160.839 ng
RT: 10.55 min Scan# 1438
Delta R.T. -0.01 min
Lab File: BF112955.D
Acq: 11 Mar 2019 15:31

Instrument :
BNA_F
ClientSampleId :
MR-MH-08-COMP

Tgt Ion:330 Resp: 488237

Ion	Ratio	Lower	Upper
330	100		
332	95.7	76.2	114.4
141	28.4	27.0	40.6

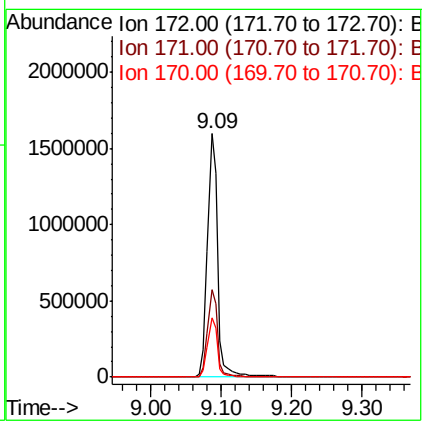


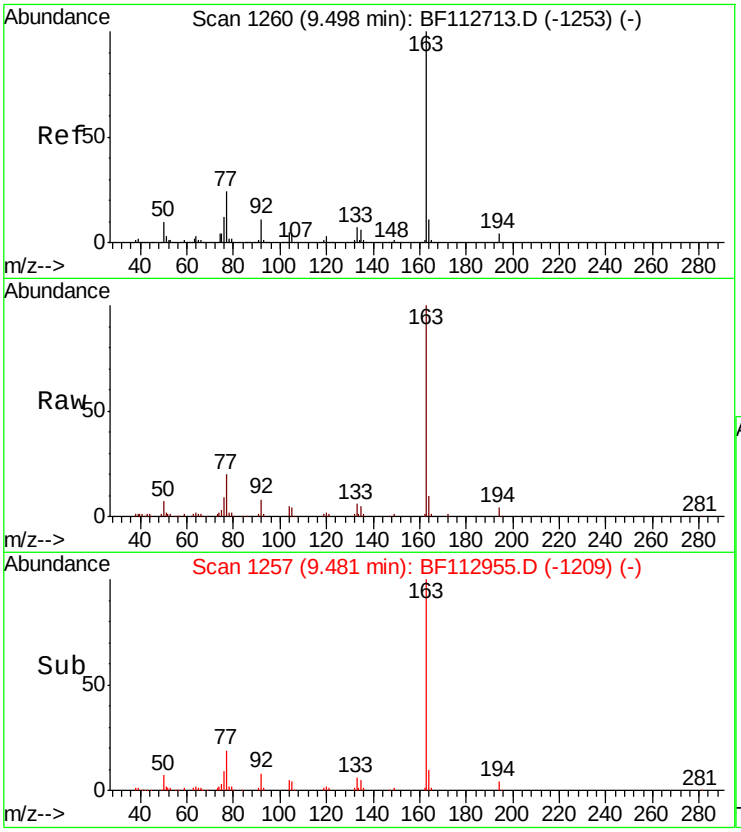


#45
2-Fluorobiphenyl
Concen: 97.291 ng
RT: 9.09 min Scan# 1190
Delta R.T. -0.01 min
Lab File: BF112955.D
Acq: 11 Mar 2019 15:31

Tgt Ion:172 Resp: 1615308

Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.0	43.4
170	24.4	20.0	30.0



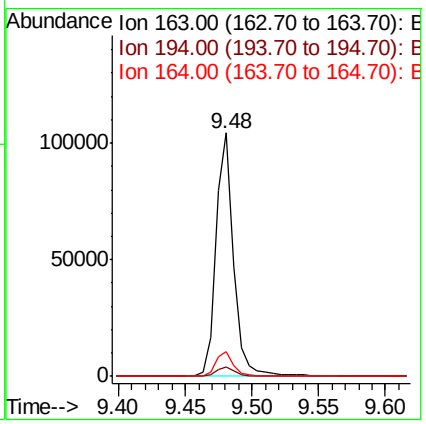


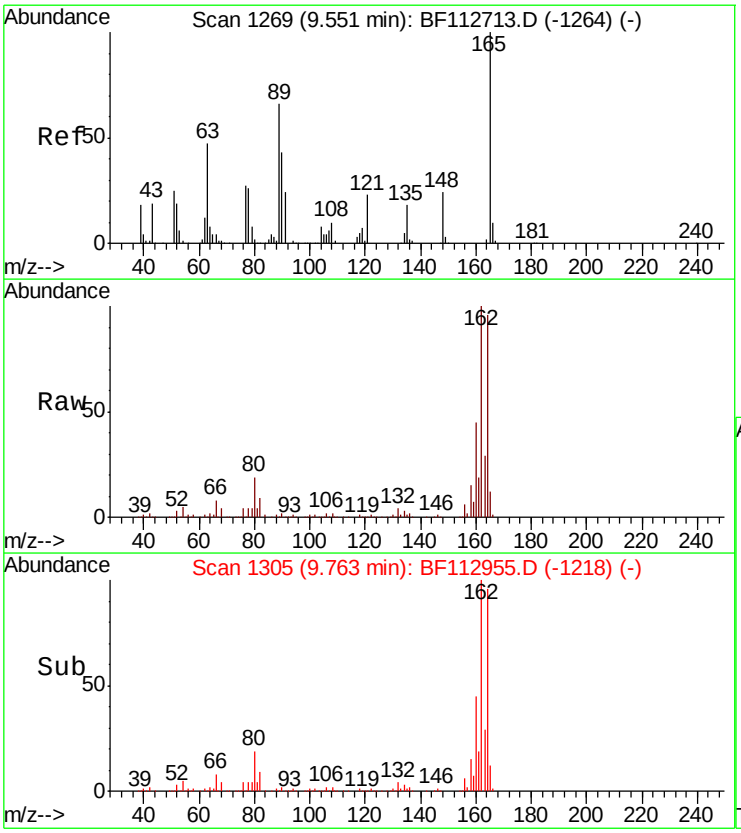
#50
Dimethylphthalate
Concen: 4.619 ng
RT: 9.48 min Scan# 1257
Delta R.T. -0.02 min
Lab File: BF112955.D
Acq: 11 Mar 2019 15:31

Instrument :
BNA_F
ClientSampleId :
MR-MH-08-COMP

Tgt Ion:163 Resp: 97391

Ion	Ratio	Lower	Upper
163	100		
194	3.8	3.0	4.4
164	10.0	8.4	12.6

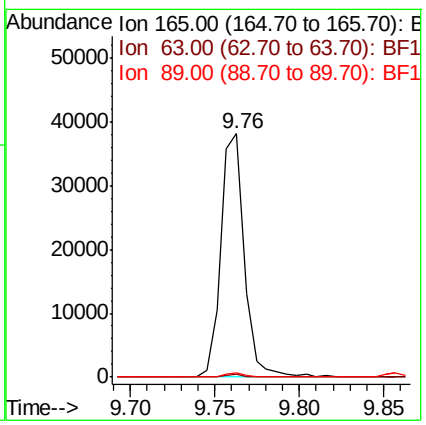


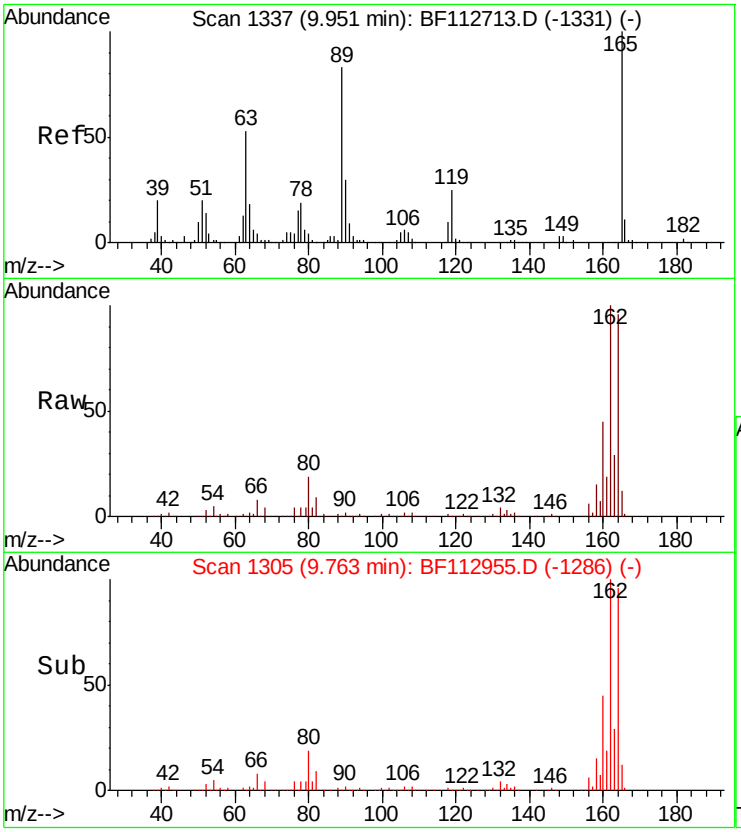


#51
2,6-Dinitrotoluene
Concen: 8.414 ng
RT: 9.76 min Scan# 1305
Delta R.T. 0.21 min
Lab File: BF112955.D
Acq: 11 Mar 2019 15:31

Tgt Ion:165 Resp: 36939

Ion	Ratio	Lower	Upper
165	100		
63	1.2	54.1	81.1#
89	1.7	52.8	79.2#



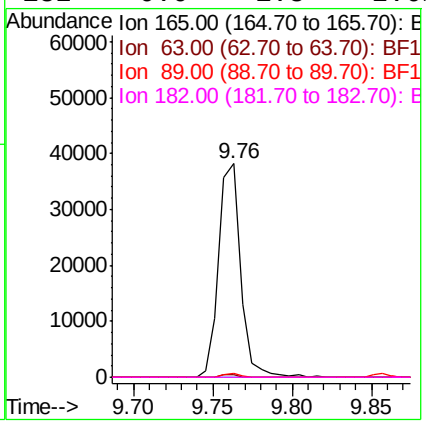


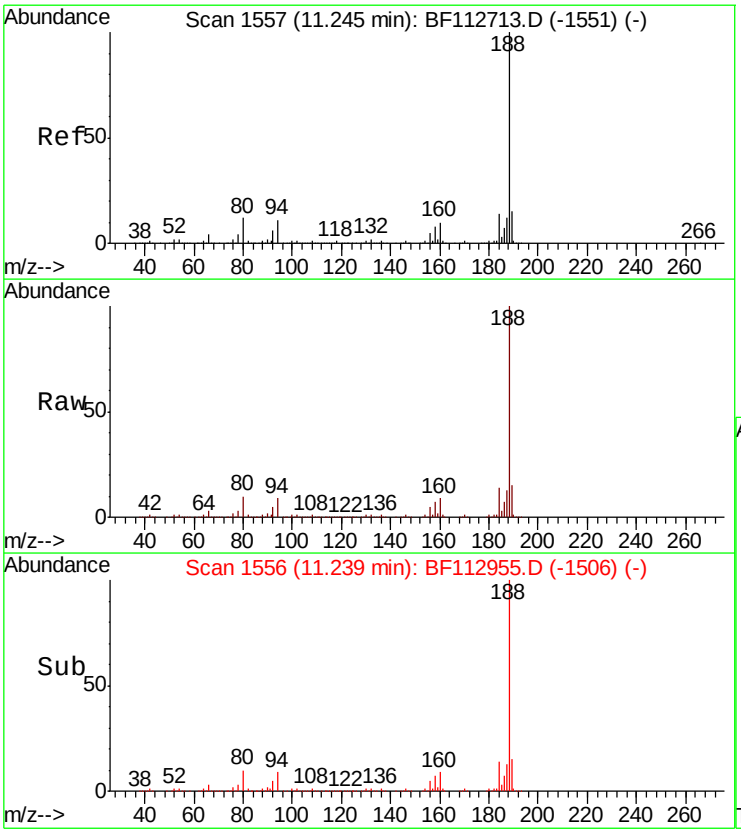
#57
2,4-Dinitrotoluene
Concen: 6.769 ng
RT: 9.76 min Scan# 1305
Delta R.T. -0.19 min
Lab File: BF112955.D
Acq: 11 Mar 2019 15:31

Instrument :
BNA_F
ClientSampleId :
MR-MH-08-COMP

Tgt Ion:165 Resp: 36940

Ion	Ratio	Lower	Upper
165	100		
63	1.2	42.2	63.2#
89	1.7	66.2	99.4#
182	0.0	1.8	2.6#

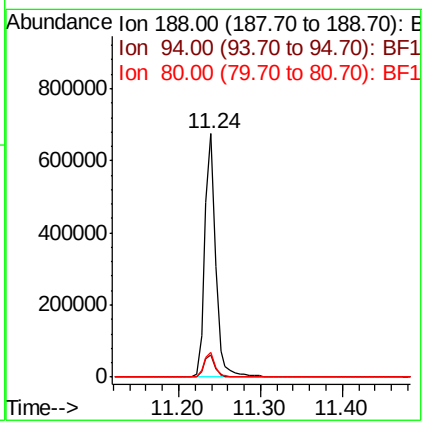


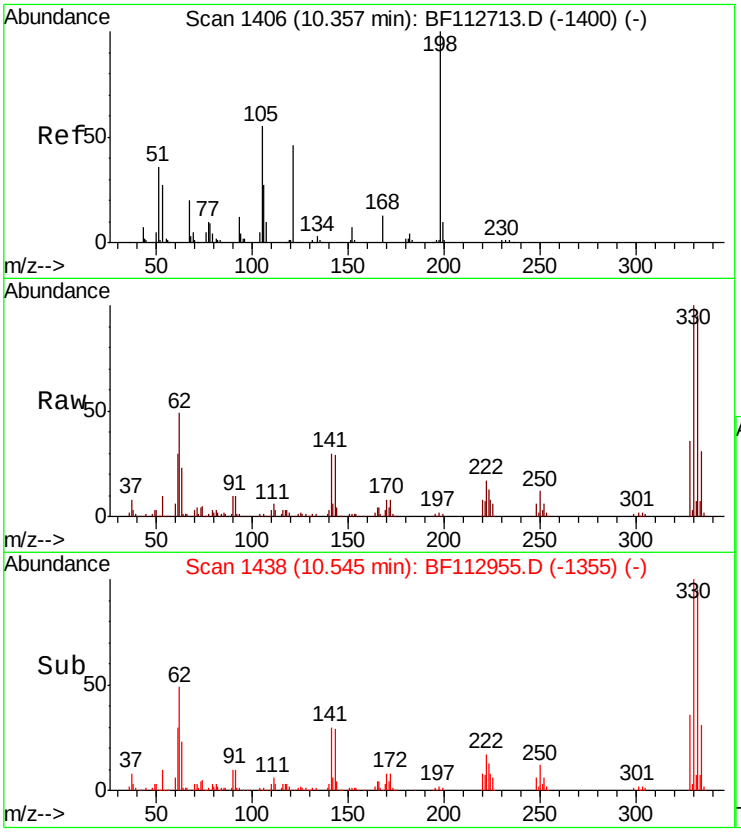


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1556
Delta R.T. -0.01 min
Lab File: BF112955.D
Acq: 11 Mar 2019 15:31

Tgt Ion:188 Resp: 627088

Ion	Ratio	Lower	Upper
188	100		
94	9.4	9.0	13.4
80	9.9	9.2	13.8



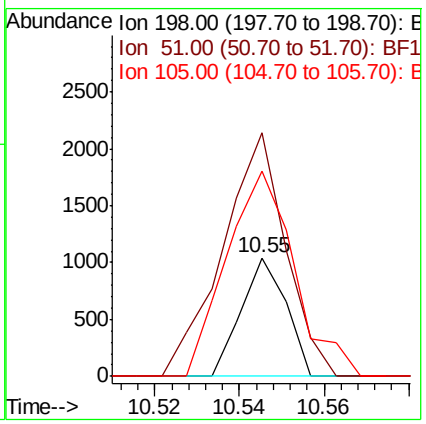


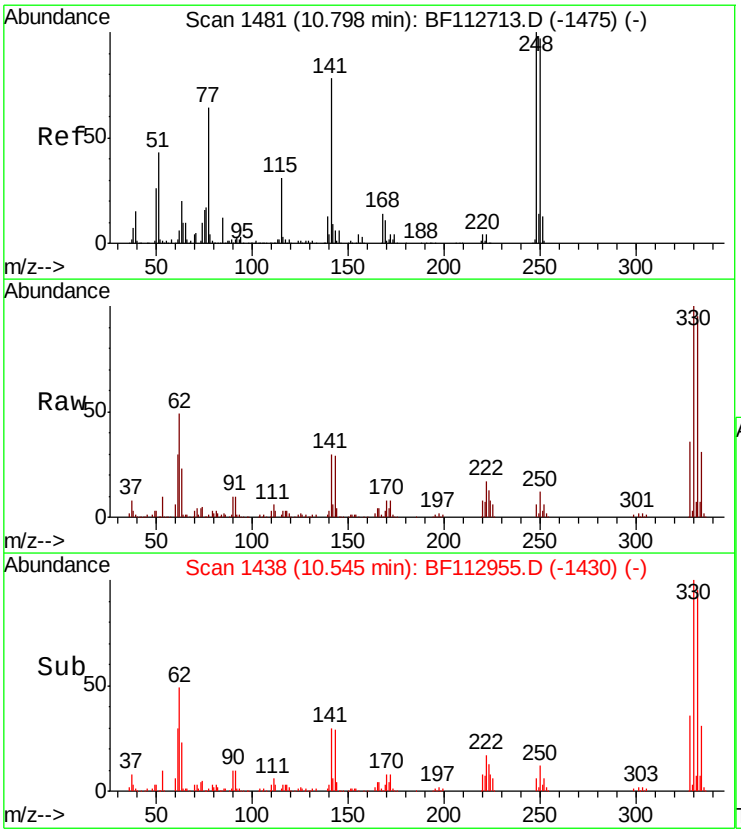
#65
4,6-Dinitro-2-methylphenol
Concen: 4.882 ng
RT: 10.55 min Scan# 1438
Delta R.T. 0.19 min
Lab File: BF112955.D
Acq: 11 Mar 2019 15:31

Instrument :
BNA_F
ClientSampleId :
MR-MH-08-COMP

Tgt Ion:198 Resp: 767

Ion	Ratio	Lower	Upper
198	100		
51	206.0	43.8	83.8#
105	174.0	36.5	76.5#

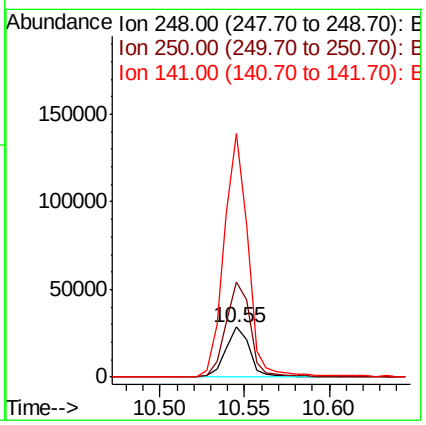


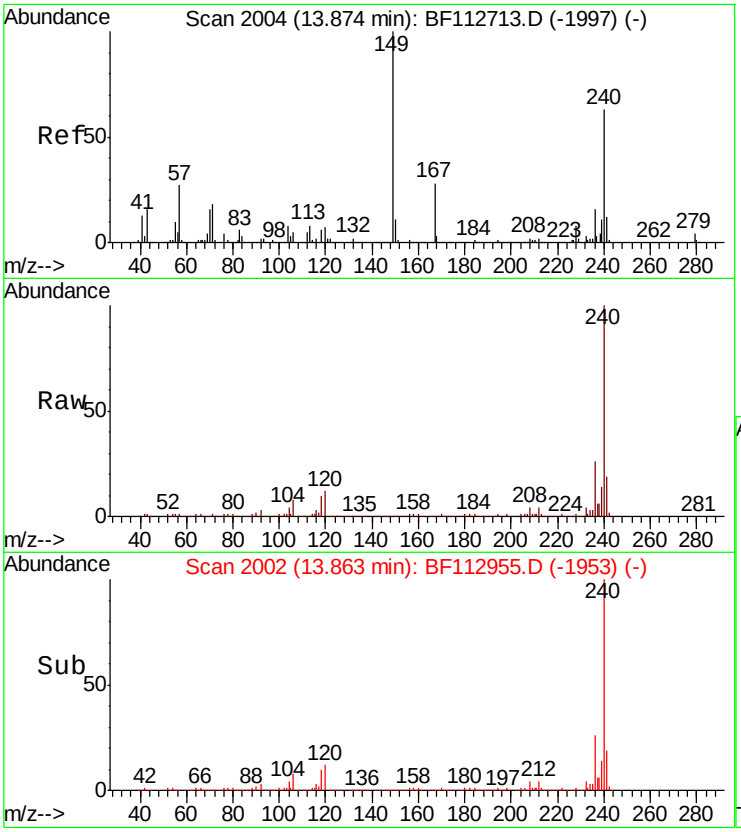


#67
4-Bromophenyl-phenylether
Concen: 4.239 ng
RT: 10.55 min Scan# 1438
Delta R.T. -0.25 min
Lab File: BF112955.D
Acq: 11 Mar 2019 15:31

Tgt Ion:248 Resp: 28002

Ion	Ratio	Lower	Upper
248	100		
250	189.2	77.5	116.3#
141	486.6	62.4	93.6#



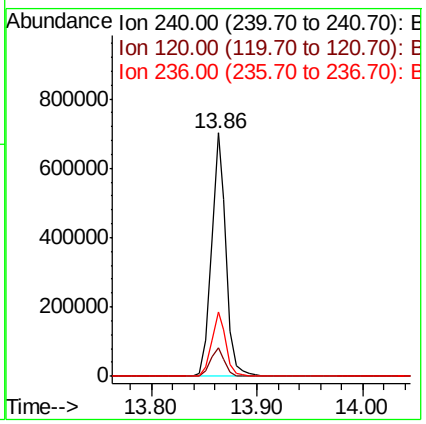


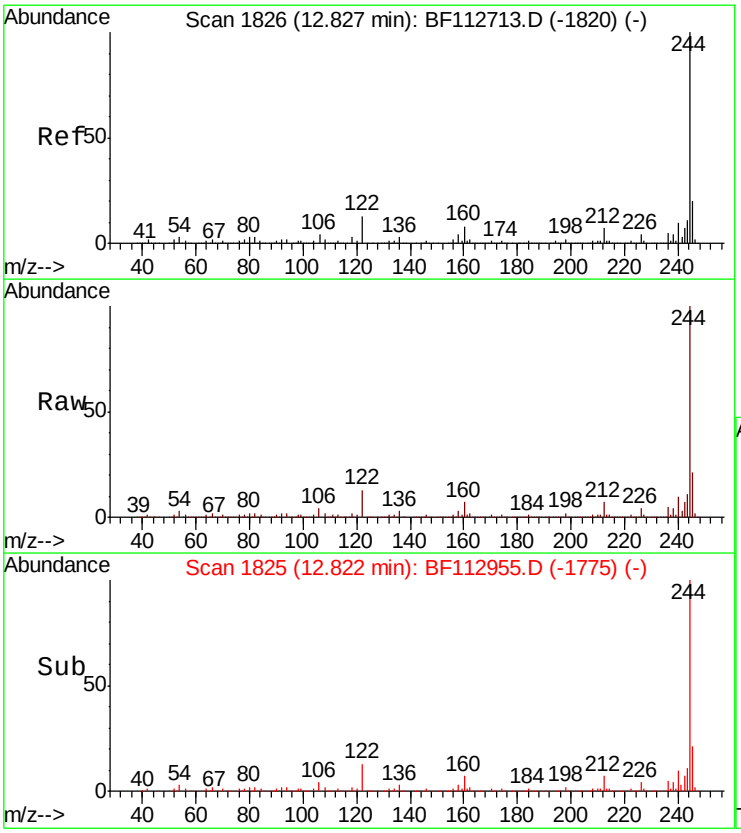
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.86 min Scan# 2002
Delta R.T. -0.01 min
Lab File: BF112955.D
Acq: 11 Mar 2019 15:31

Instrument :
BNA_F
ClientSampleId :
MR-MH-08-COMP

Tgt Ion:240 Resp: 680132

Ion	Ratio	Lower	Upper
240	100		
120	12.0	8.9	13.3
236	26.3	20.7	31.1

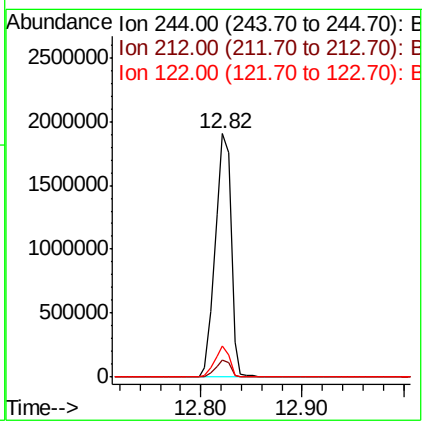


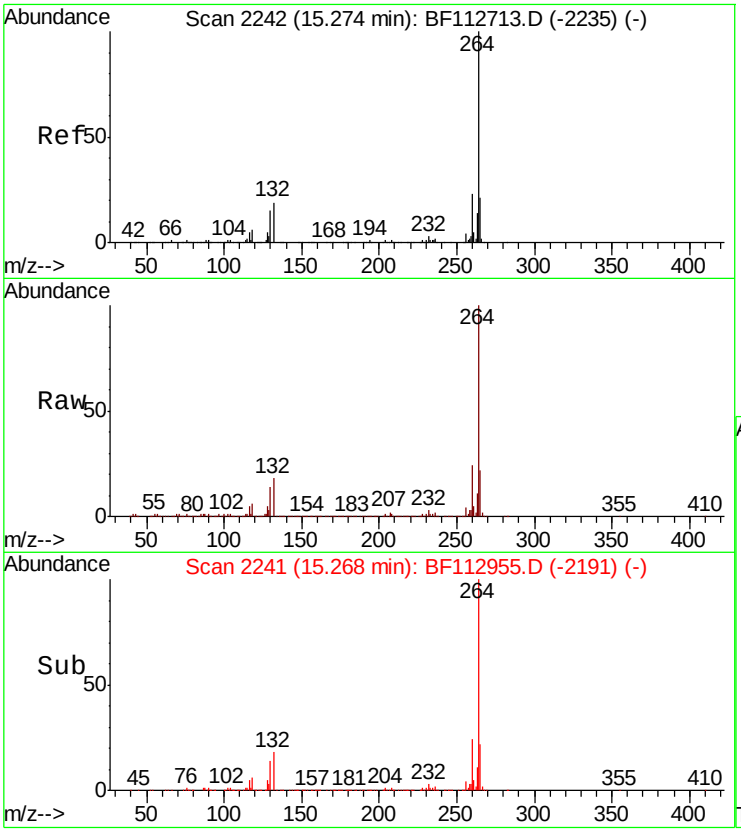


#79
Terphenyl-d14
Concen: 59.189 ng
RT: 12.82 min Scan# 1825
Delta R.T. -0.01 min
Lab File: BF112955.D
Acq: 11 Mar 2019 15:31

Tgt Ion:244 Resp: 2076662

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.6	8.4
122	12.7	10.5	15.7





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.27 min Scan# 2241
Delta R.T. -0.01 min
Lab File: BF112955.D
Acq: 11 Mar 2019 15:31

Instrument :
BNA_F
ClientSampleId :
MR-MH-08-COMP

Tgt Ion:264 Resp: 688348

Ion	Ratio	Lower	Upper
264	100		
260	24.0	18.7	28.1
265	21.8	17.2	25.8