Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF030619\
Data File : BF112890.D
Acq On : 6 Mar 2019 19:08
Operator : JU/SJ
Sample : K1707-04
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S11

Quant Time: Mar 07 04:19:59 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	161299	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	606039	20.00	ng	-0.01
39) Acenaphthene-d10	9.76	164	283315	20.00	ng	0.00
64) Phenanthrene-d10	11.24	188	539282	20.00	ng	0.00
76) Chrysene-d12	13.86	240	390106	20.00	ng	-0.01
87) Perylene-d12	15.26	264	415224	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	980751	94.58	ng	0.00
7) Phenol-d6	6.37	99	1131363	86.86	ng	0.00
23) Nitrobenzene-d5	7.29	82	885883	87.47	ng	-0.01
42) 2,4,6-Tribromophenol	10.55	330	410113	136.35	ng	-0.01
45) 2-Fluorobiphenyl	9.09	172	1630233	99.94	ng	-0.01
79) Terphenyl-d14	12.82	244	1531079	76.08	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	7.29	70	115840	14.042	ng	# 77
25) Isophorone	7.29	82	879397	40.304	ng	# 66
50) Dimethylphthalate	9.76	163	73460	3.516	ng	# 1
51) 2,6-Dinitrotoluene	9.76	165	35739	8.215	ng	# 18
57) 2,4-Dinitrotoluene	9.76	165	35739	6.609	ng	# 17
65) 4,6-Dinitro-2-methylphenol	10.55	198	572	4.846	ng	# 1
67) 4-Bromophenyl-phenylether	10.55	248	23355	4.112	ng	# 1

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

Quantitation Report (Not Reviewed)

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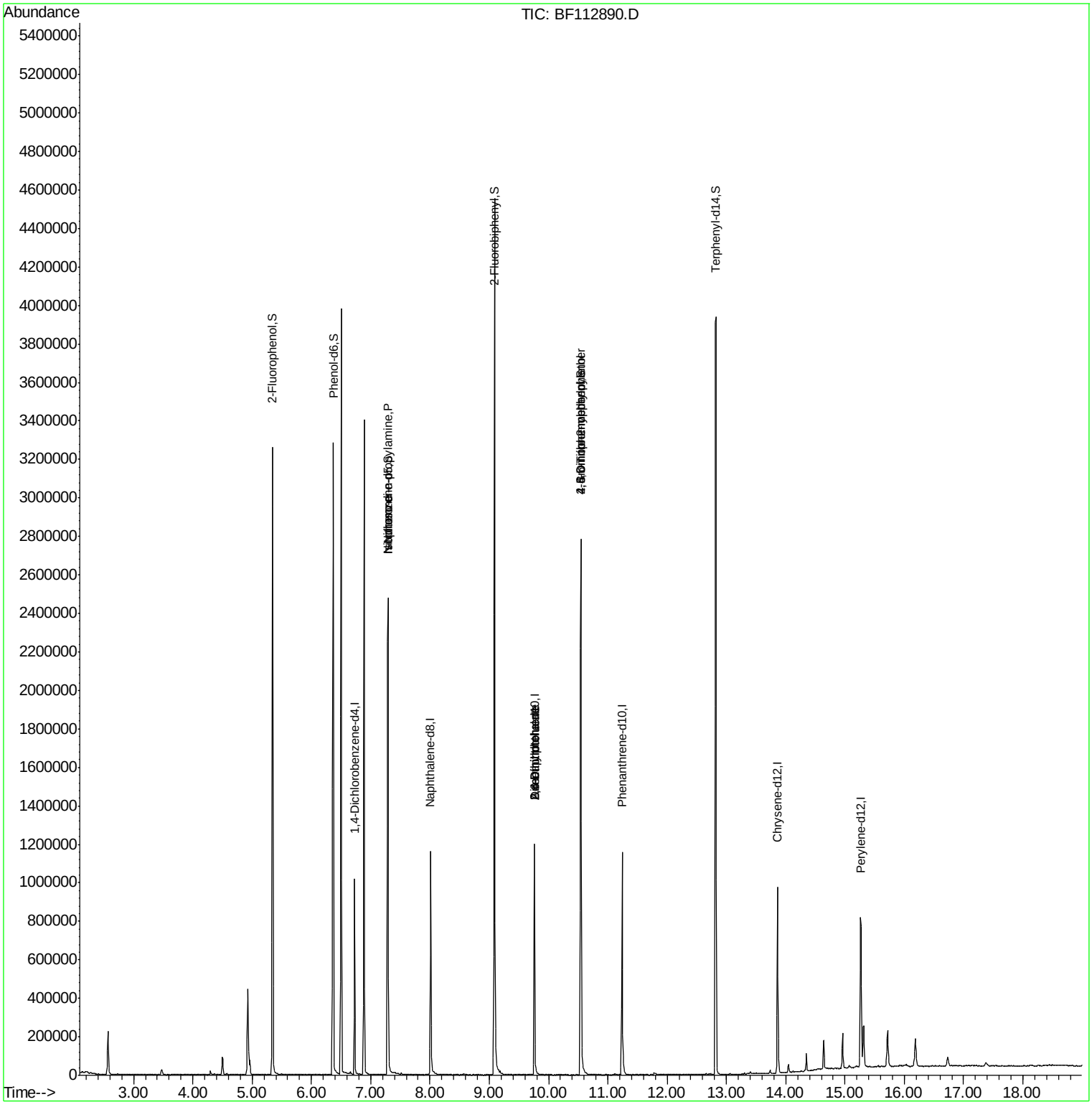
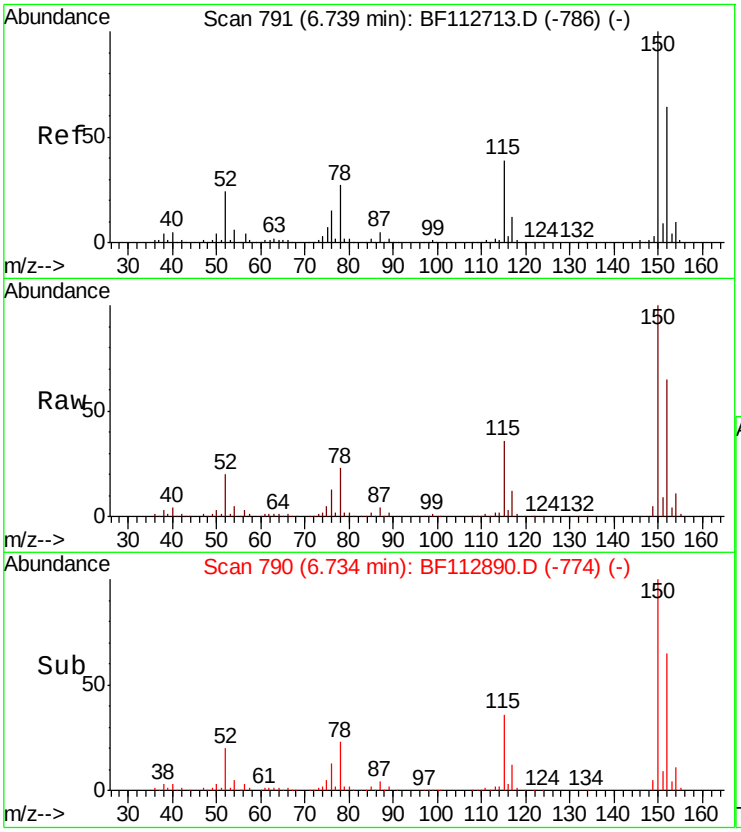


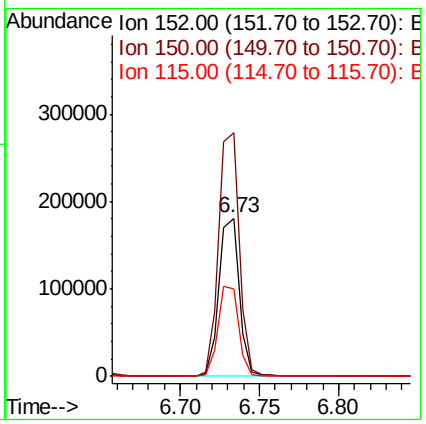


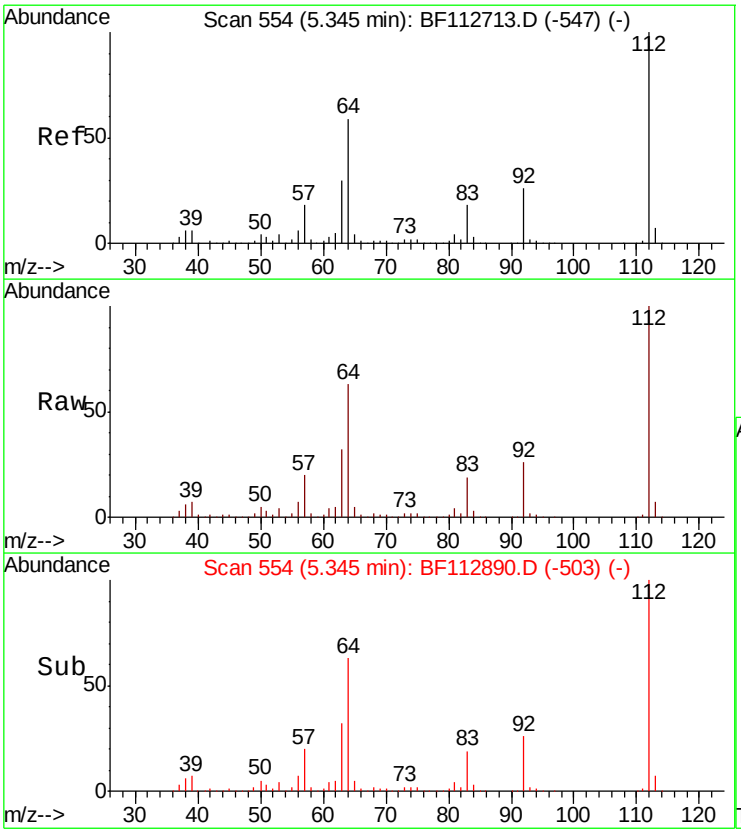
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 790
Delta R.T. -0.01 min
Lab File: BF112890.D
Acq: 6 Mar 2019 19:08

Instrument :
BNA_F
ClientSampleId :
S11

Tgt Ion:152 Resp: 161299

Ion	Ratio	Lower	Upper
152	100		
150	154.1	124.2	186.2
115	55.7	48.2	72.4

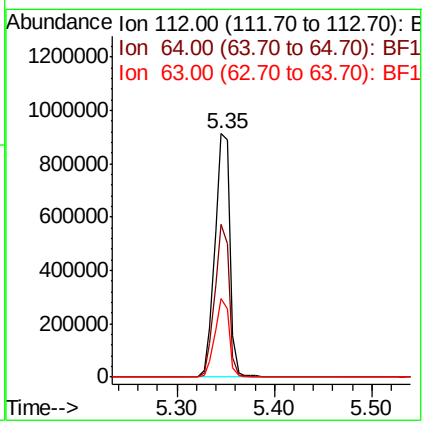


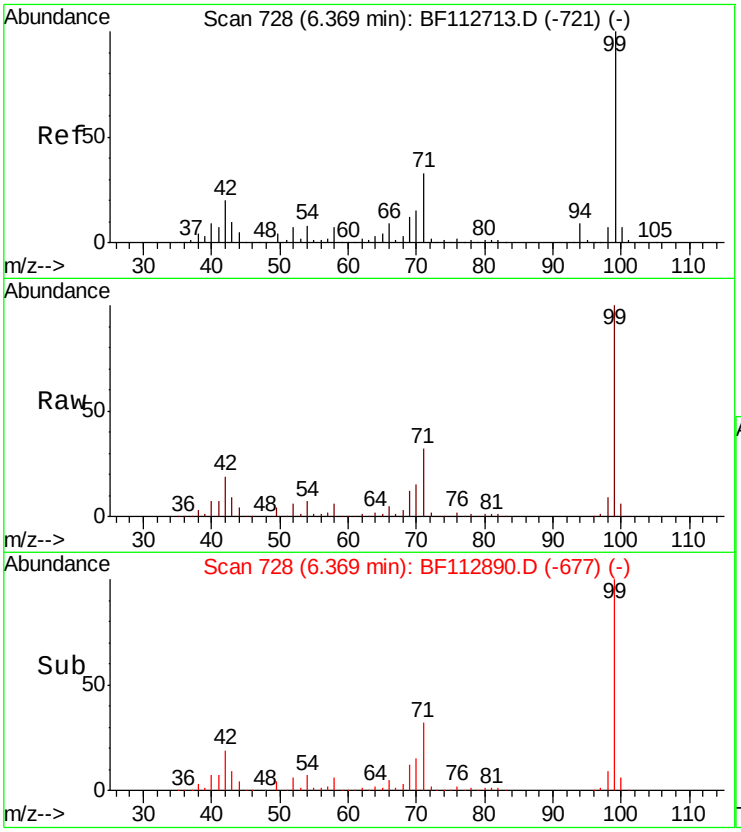


#5
2-Fluorophenol
Concen: 94.582 ng
RT: 5.35 min Scan# 554
Delta R.T. 0.00 min
Lab File: BF112890.D
Acq: 6 Mar 2019 19:08

Tgt Ion:112 Resp: 980751

Ion	Ratio	Lower	Upper
112	100		
64	62.9	47.6	71.4
63	32.5	24.4	36.6



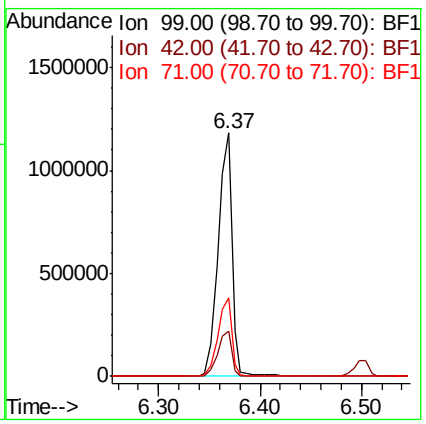


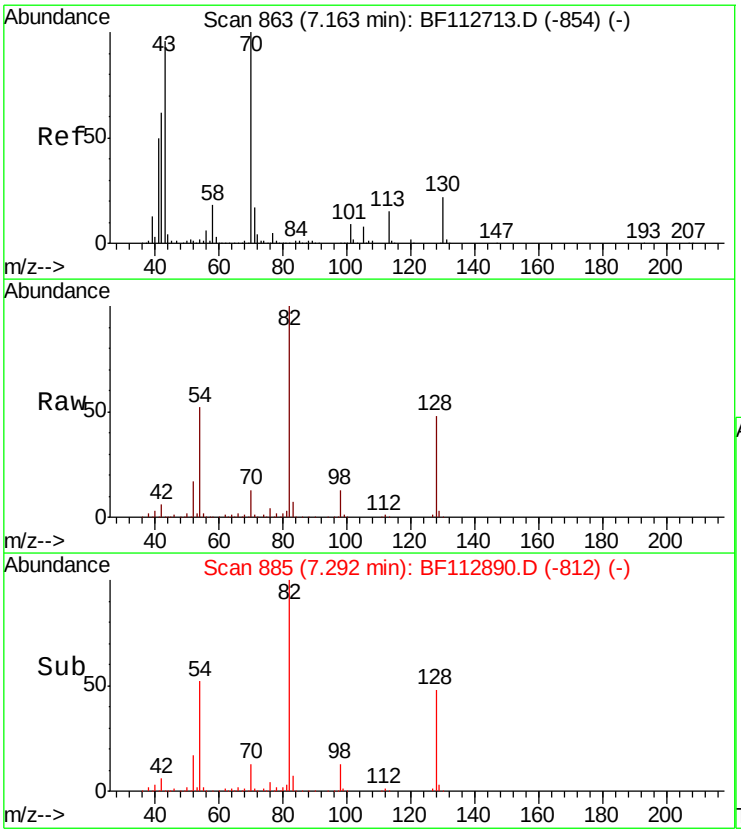
#7
Phenol-d6
Concen: 86.857 ng
RT: 6.37 min Scan# 728
Delta R.T. 0.00 min
Lab File: BF112890.D
Acq: 6 Mar 2019 19:08

Instrument :
BNA_F
ClientSampleId :
S11

Tgt Ion: 99 Resp: 1131363

Ion	Ratio	Lower	Upper
99	100		
42	18.6	16.3	24.5
71	32.0	26.2	39.4

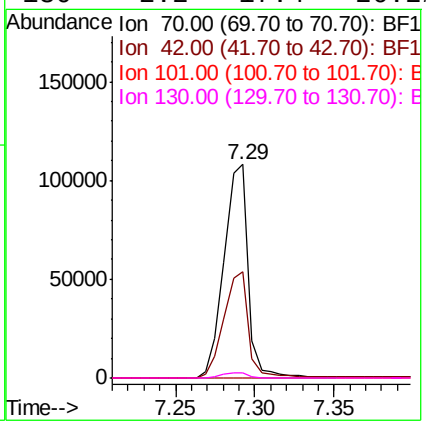


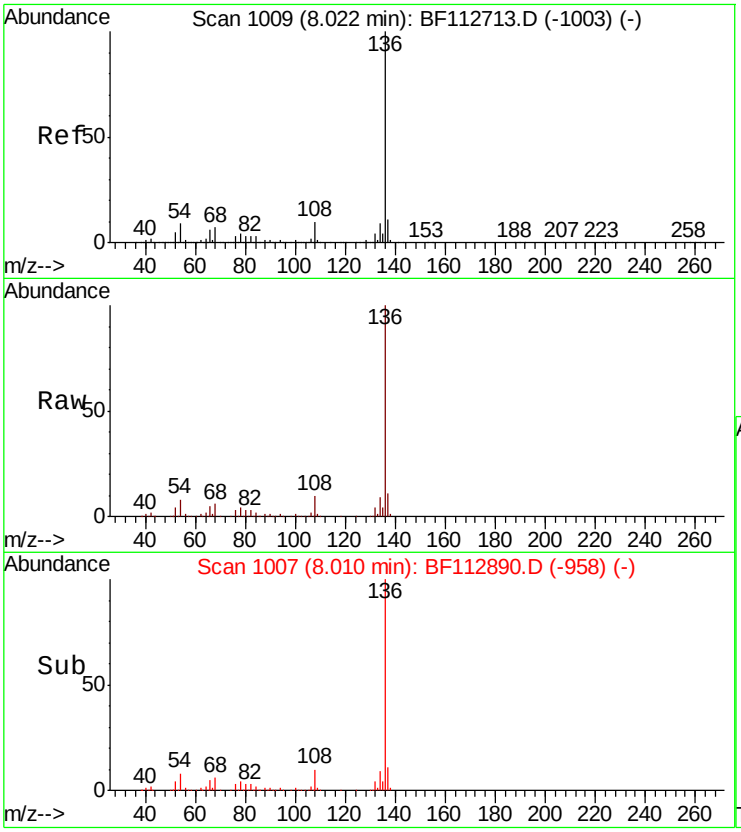


#19
n-Nitroso-di-n-propylamine
Concen: 14.042 ng
RT: 7.29 min Scan# 885
Delta R.T. 0.13 min
Lab File: BF112890.D
Acq: 6 Mar 2019 19:08

Tgt Ion: 70 Resp: 115840

Ion	Ratio	Lower	Upper
70	100		
42	49.9	49.9	74.9#
101	0.0	7.4	11.2#
130	2.2	17.4	26.2#



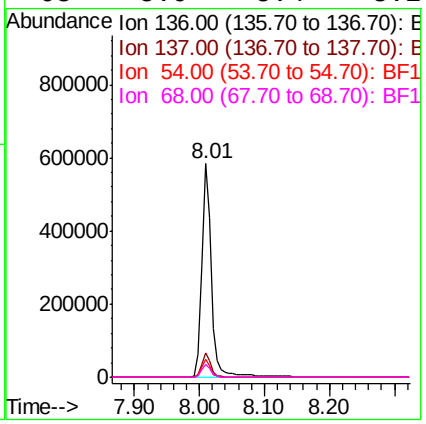


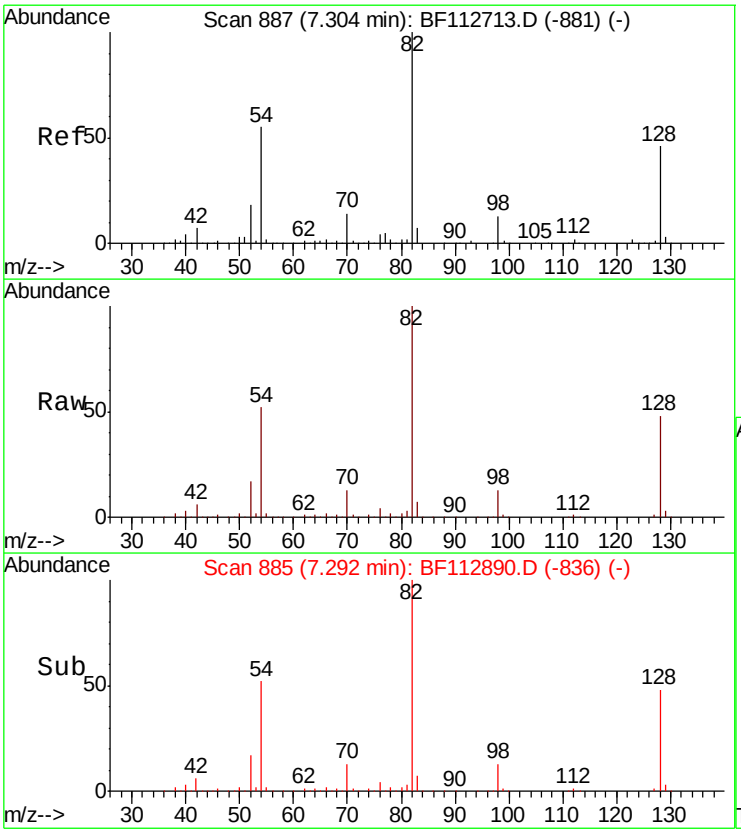
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.01 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BF112890.D
Acq: 6 Mar 2019 19:08

Instrument :
BNA_F
ClientSampleId :
S11

Tgt Ion:136 Resp: 606039

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.9	13.3
54	8.4	7.3	10.9
68	5.9	5.4	8.2

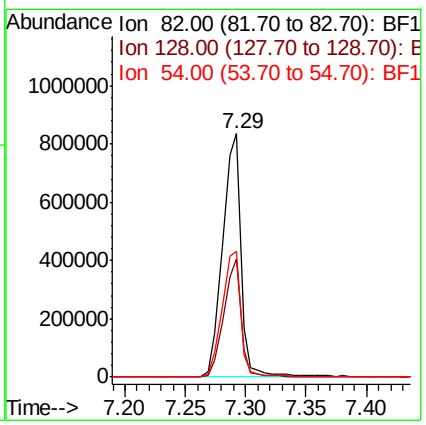


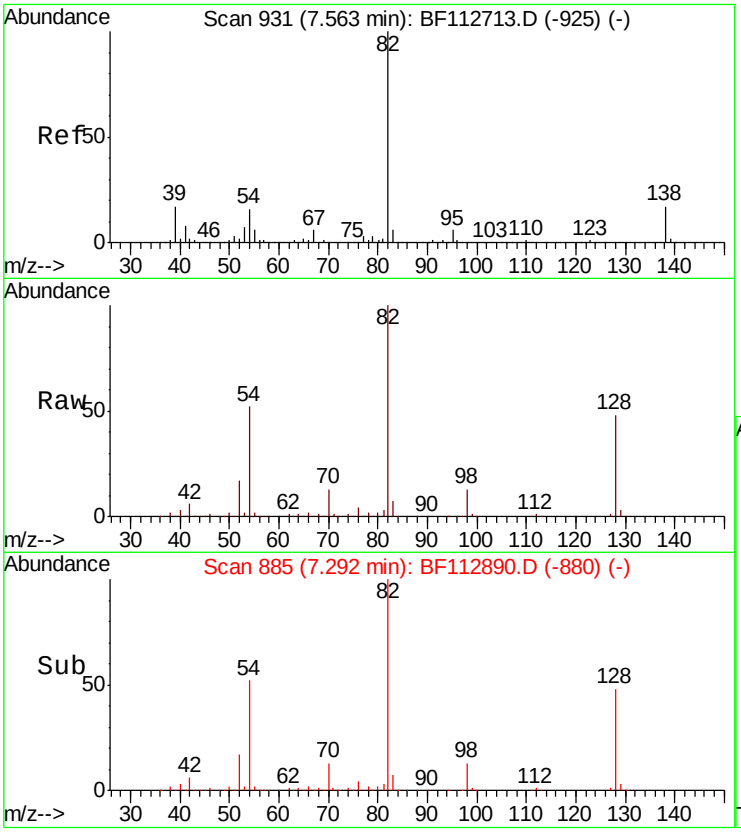


#23
Nitrobenzene-d5
Concen: 87.469 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.01 min
Lab File: BF112890.D
Acq: 6 Mar 2019 19:08

Tgt Ion: 82 Resp: 885883

Ion	Ratio	Lower	Upper
82	100		
128	48.3	36.3	54.5
54	51.7	43.7	65.5



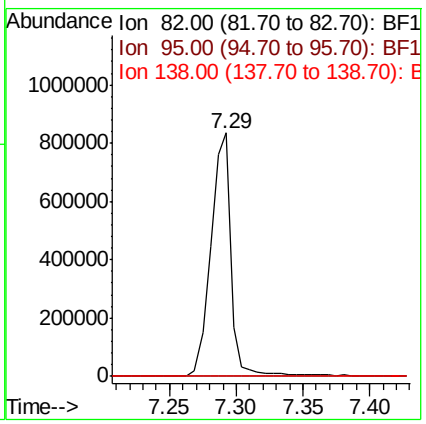


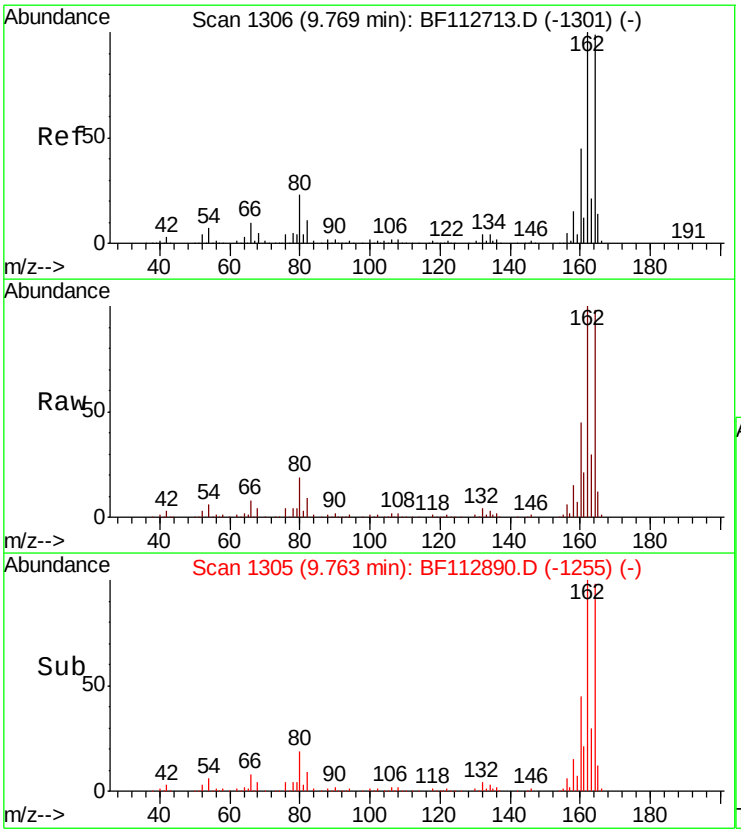
#25
Isophorone
Concen: 40.304 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.27 min
Lab File: BF112890.D
Acq: 6 Mar 2019 19:08

Instrument :
BNA_F
ClientSampleId :
S11

Tgt Ion: 82 Resp: 879397

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

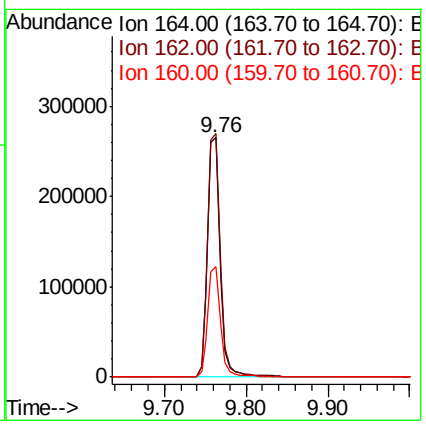


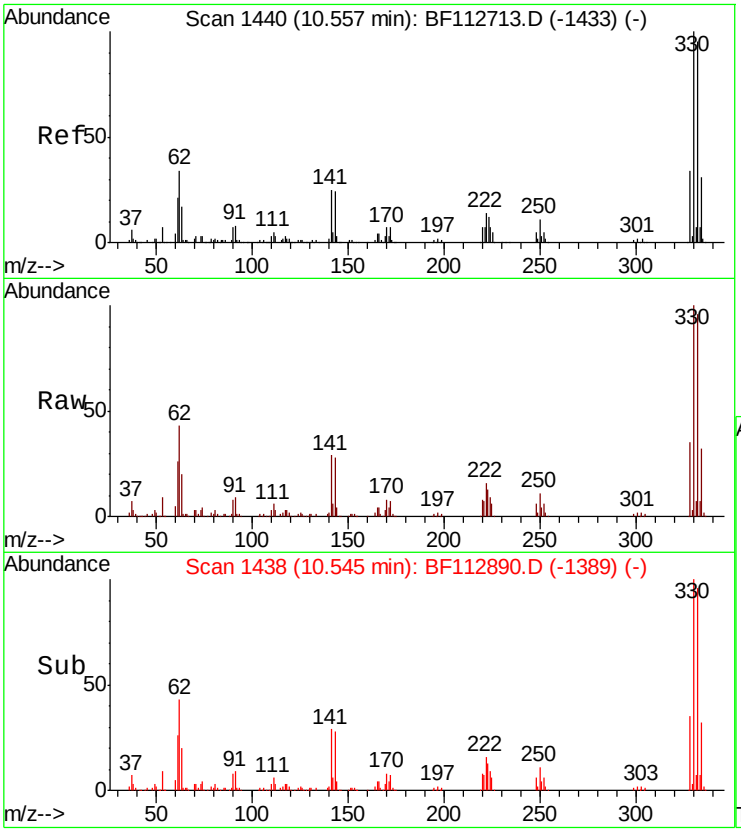


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.76 min Scan# 1305
Delta R.T. -0.01 min
Lab File: BF112890.D
Acq: 6 Mar 2019 19:08

Tgt Ion:164 Resp: 283315

Ion	Ratio	Lower	Upper
164	100		
162	101.6	80.6	120.8
160	45.8	36.0	54.0



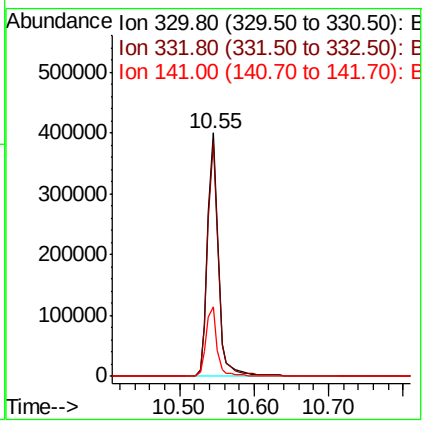


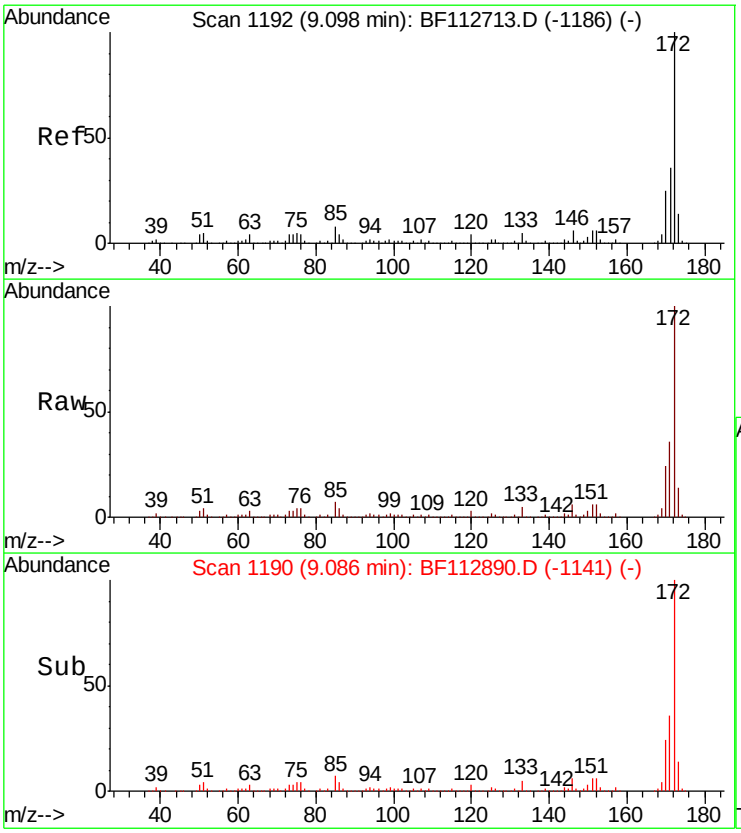
#42
2,4,6-Tribromophenol
Concen: 136.352 ng
RT: 10.55 min Scan# 1438
Delta R.T. -0.01 min
Lab File: BF112890.D
Acq: 6 Mar 2019 19:08

Instrument :
BNA_F
ClientSampleId :
S11

Tgt Ion:330 Resp: 410113

Ion	Ratio	Lower	Upper
330	100		
332	96.5	76.2	114.4
141	29.2	27.0	40.6

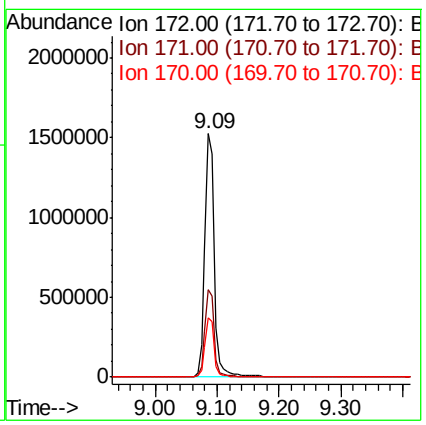


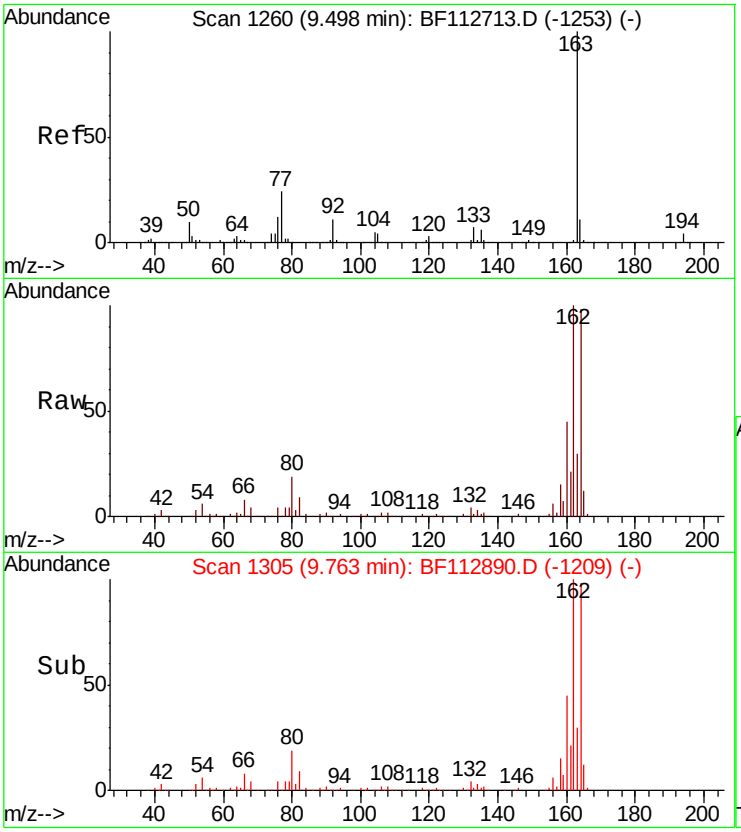


#45
2-Fluorobiphenyl
Concen: 99.938 ng
RT: 9.09 min Scan# 1190
Delta R.T. -0.01 min
Lab File: BF112890.D
Acq: 6 Mar 2019 19:08

Tgt Ion:172 Resp: 1630233

Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.0	43.4
170	24.4	20.0	30.0



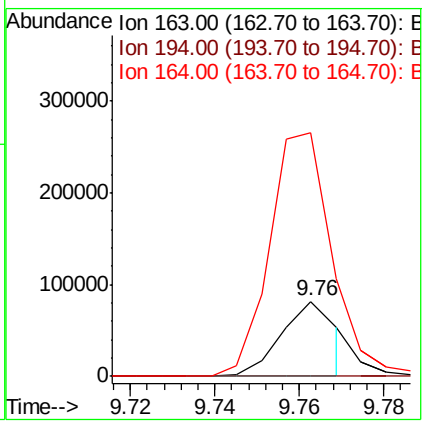


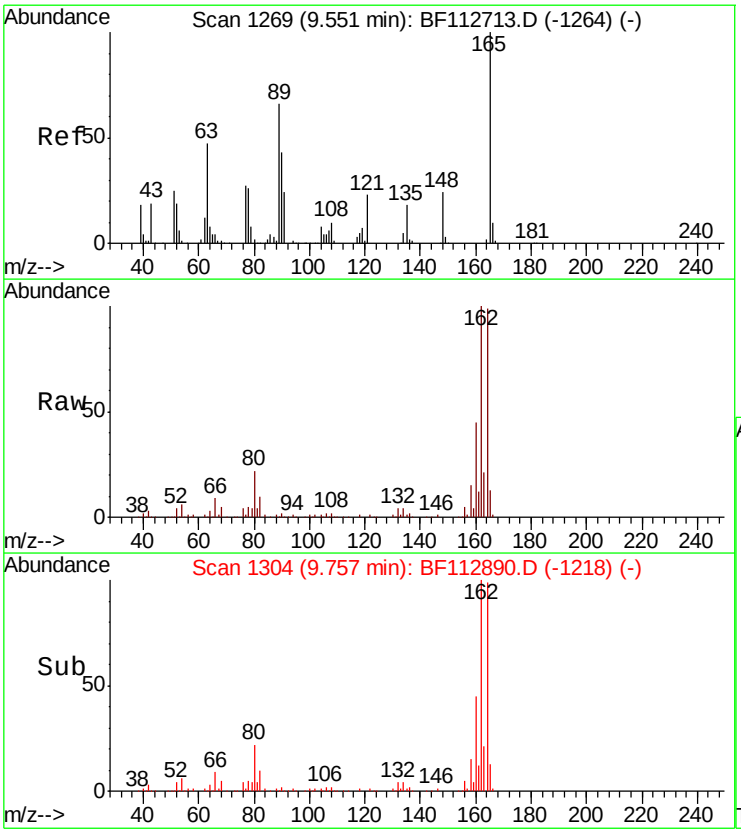
#50
Dimethylphthalate
Concen: 3.516 ng
RT: 9.76 min Scan# 1305
Delta R.T. 0.26 min
Lab File: BF112890.D
Acq: 6 Mar 2019 19:08

Instrument :
BNA_F
ClientSampleId :
S11

Tgt Ion:163 Resp: 73460

Ion	Ratio	Lower	Upper
163	100		
194	0.0	3.0	4.4#
164	324.2	8.4	12.6#

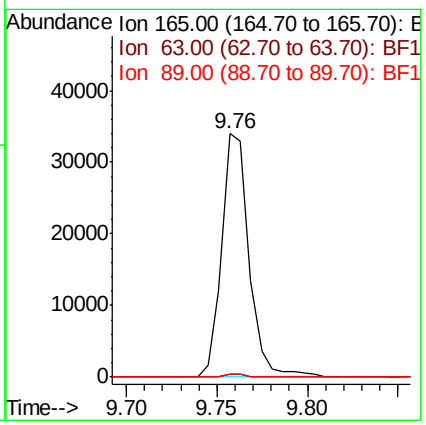


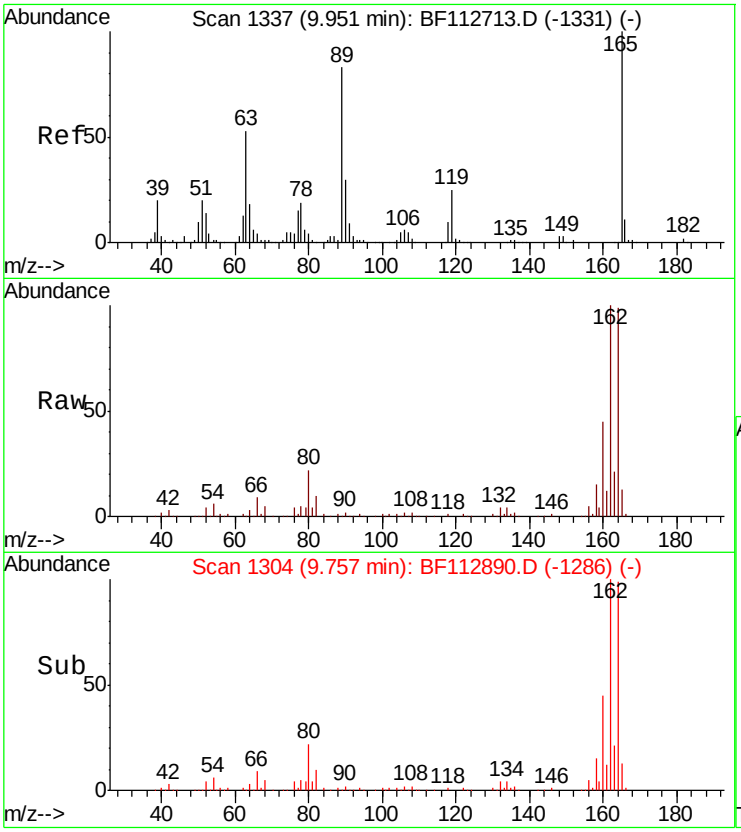


#51
2,6-Dinitrotoluene
Concen: 8.215 ng
RT: 9.76 min Scan# 1304
Delta R.T. 0.21 min
Lab File: BF112890.D
Acq: 6 Mar 2019 19:08

Tgt Ion:165 Resp: 35739

Ion	Ratio	Lower	Upper
165	100		
63	1.0	54.1	81.1#
89	1.4	52.8	79.2#



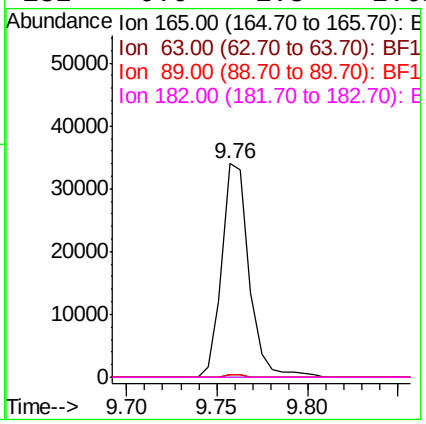


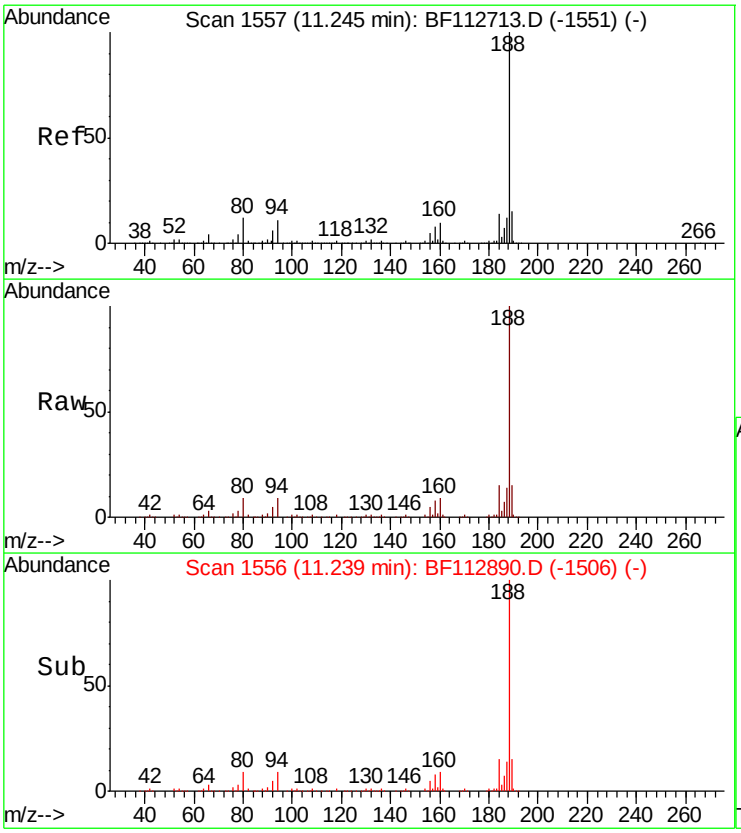
#57
2,4-Dinitrotoluene
Concen: 6.609 ng
RT: 9.76 min Scan# 1304
Delta R.T. -0.19 min
Lab File: BF112890.D
Acq: 6 Mar 2019 19:08

Instrument :
BNA_F
ClientSampleId :
S11

Tgt Ion:165 Resp: 35739

Ion	Ratio	Lower	Upper
165	100		
63	1.0	42.2	63.2#
89	1.4	66.2	99.4#
182	0.0	1.8	2.6#

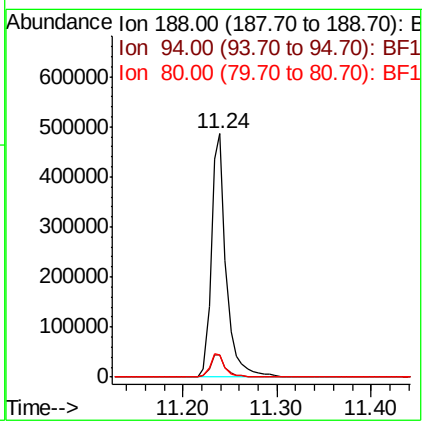


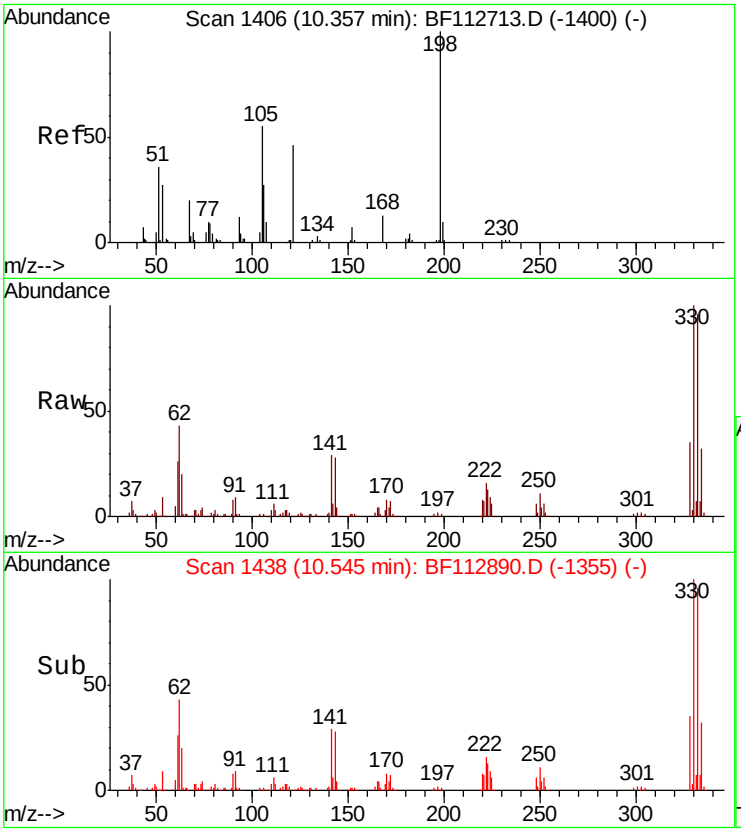


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1556
Delta R.T. -0.01 min
Lab File: BF112890.D
Acq: 6 Mar 2019 19:08

Tgt Ion:188 Resp: 539282

Ion	Ratio	Lower	Upper
188	100		
94	9.0	9.0	13.4
80	9.1	9.2	13.8#



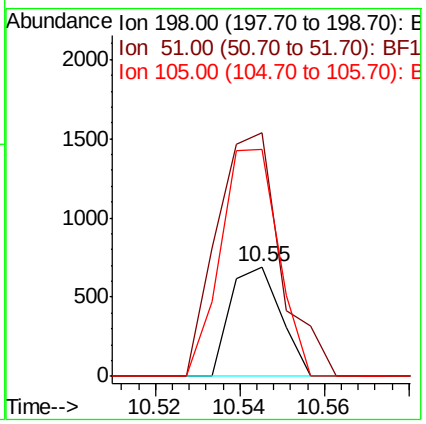


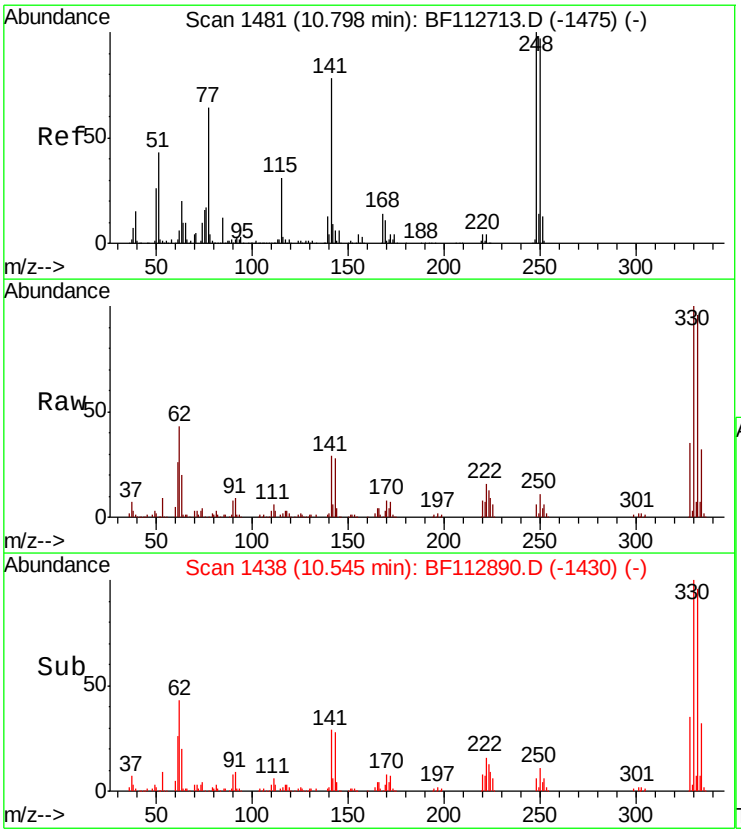
#65
4,6-Dinitro-2-methylphenol
Concen: 4.846 ng
RT: 10.55 min Scan# 1438
Delta R.T. 0.19 min
Lab File: BF112890.D
Acq: 6 Mar 2019 19:08

Instrument :
BNA_F
ClientSampleId :
S11

Tgt Ion:198 Resp: 572

Ion	Ratio	Lower	Upper
198	100		
51	222.4	43.8	83.8#
105	207.4	36.5	76.5#

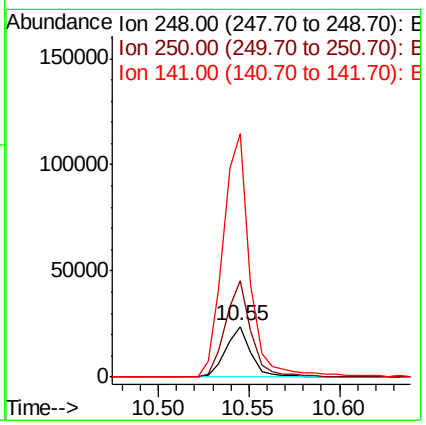


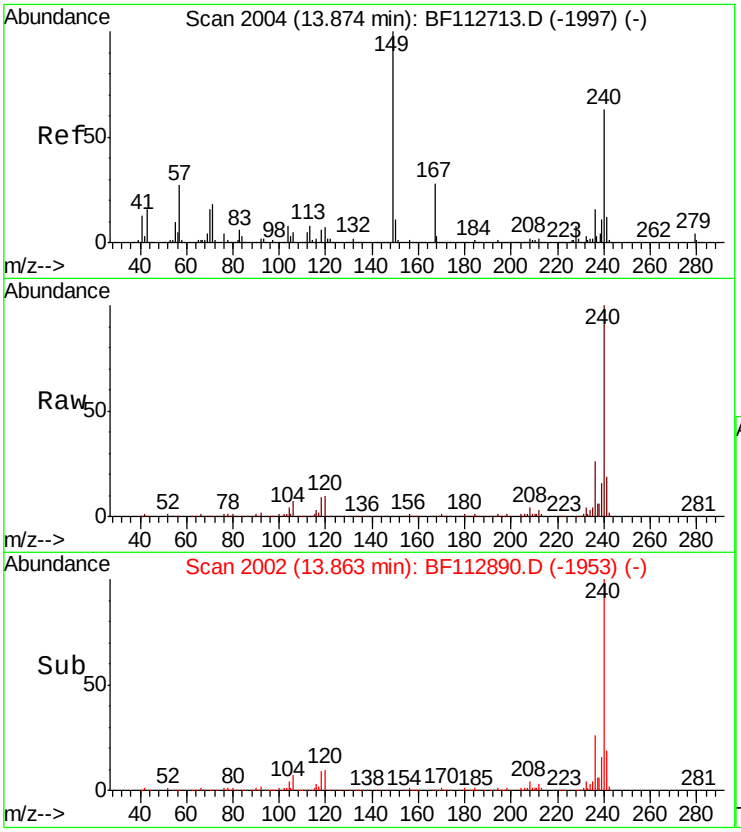


#67
4-Bromophenyl-phenylether
Concen: 4.112 ng
RT: 10.55 min Scan# 1438
Delta R.T. -0.25 min
Lab File: BF112890.D
Acq: 6 Mar 2019 19:08

Tgt Ion:248 Resp: 23355

Ion	Ratio	Lower	Upper
248	100		
250	190.0	77.5	116.3#
141	477.6	62.4	93.6#



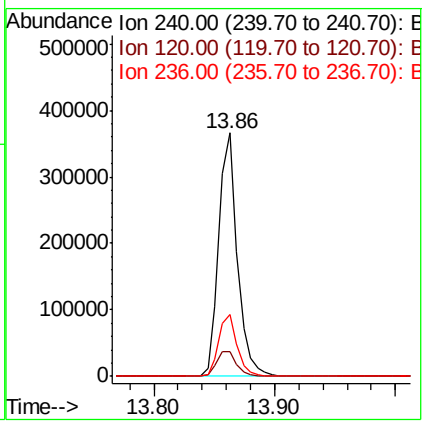


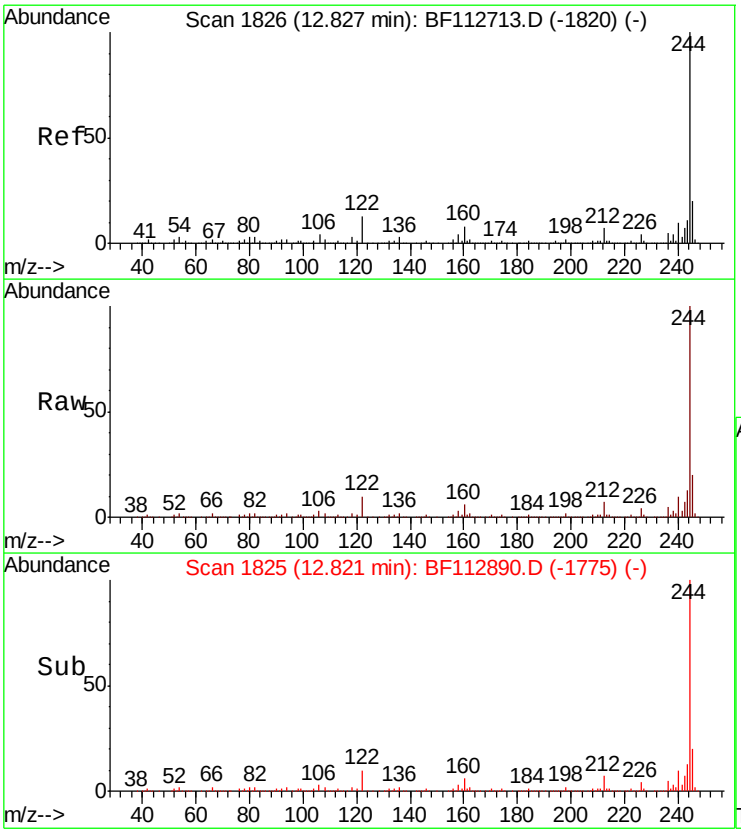
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.86 min Scan# 2002
Delta R.T. -0.01 min
Lab File: BF112890.D
Acq: 6 Mar 2019 19:08

Instrument :
BNA_F
ClientSampleId :
S11

Tgt Ion:240 Resp: 390106

Ion	Ratio	Lower	Upper
240	100		
120	10.4	8.9	13.3
236	25.5	20.7	31.1

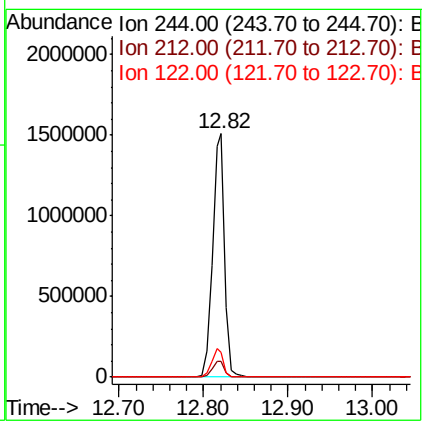


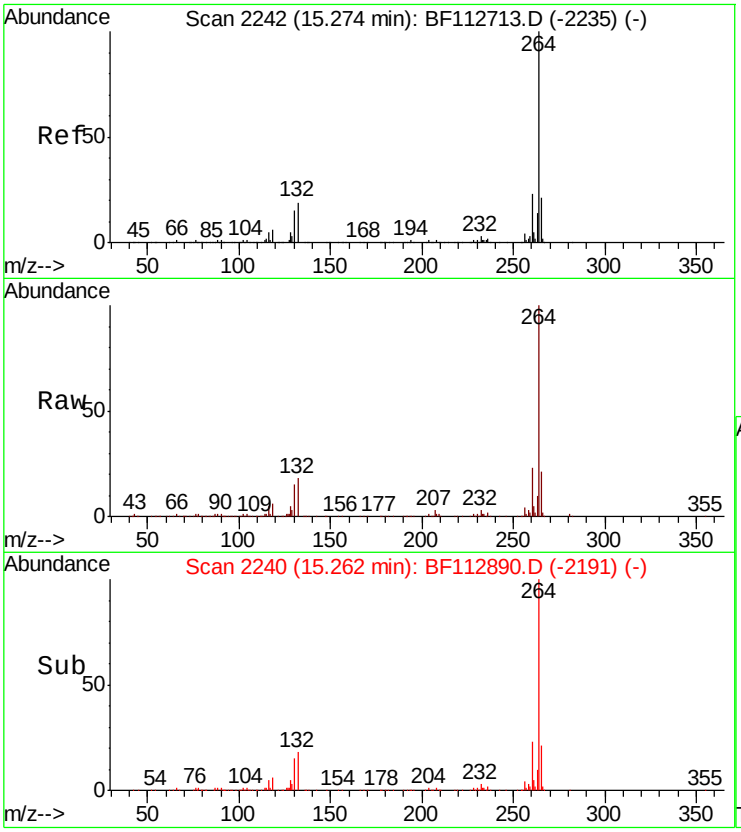


#79
Terphenyl-d14
Concen: 76.082 ng
RT: 12.82 min Scan# 1825
Delta R.T. -0.01 min
Lab File: BF112890.D
Acq: 6 Mar 2019 19:08

Tgt Ion:244 Resp: 1531079

Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.6	8.4
122	10.2	10.5	15.7#





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.26 min Scan# 2240
Delta R.T. -0.01 min
Lab File: BF112890.D
Acq: 6 Mar 2019 19:08

Instrument :
BNA_F
ClientSampleId :
S11

Tgt Ion:264 Resp: 415224

Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.7	28.1
265	21.0	17.2	25.8