Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF030619\
Data File : BF112889.D
Acq On : 6 Mar 2019 18:40
Operator : JU/SJ
Sample : K1753-12
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : Z-2-7

Quant Time: Mar 07 04:19:46 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	144069	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	552269	20.00	ng	-0.01
39) Acenaphthene-d10	9.76	164	269069	20.00	ng	0.00
64) Phenanthrene-d10	11.24	188	554803	20.00	ng	0.00
76) Chrysene-d12	13.86	240	409857	20.00	ng	-0.01
87) Perylene-d12	15.26	264	361373	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	958813	103.53	ng	0.00
7) Phenol-d6	6.37	99	1118433	96.13	ng	0.00
23) Nitrobenzene-d5	7.29	82	844261	91.48	ng	-0.01
42) 2,4,6-Tribromophenol	10.55	330	447719	156.74	ng	-0.01
45) 2-Fluorobiphenyl	9.09	172	1591865	104.15	ng	-0.01
79) Terphenyl-d14	12.82	244	1744002	82.49	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	7.29	70	111651	15.153	ng	# 75
25) Isophorone	7.29	82	844254	42.460	ng	# 66
50) Dimethylphthalate	9.76	163	69329	3.494	ng	# 1
51) 2,6-Dinitrotoluene	9.76	165	34297	8.301	ng	# 18
57) 2,4-Dinitrotoluene	9.76	165	34297	6.678	ng	# 17
65) 4,6-Dinitro-2-methylphenol	10.55	198	591	4.847	ng	# 1
67) 4-Bromophenyl-phenylether	10.55	248	25224	4.316	ng	# 1

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

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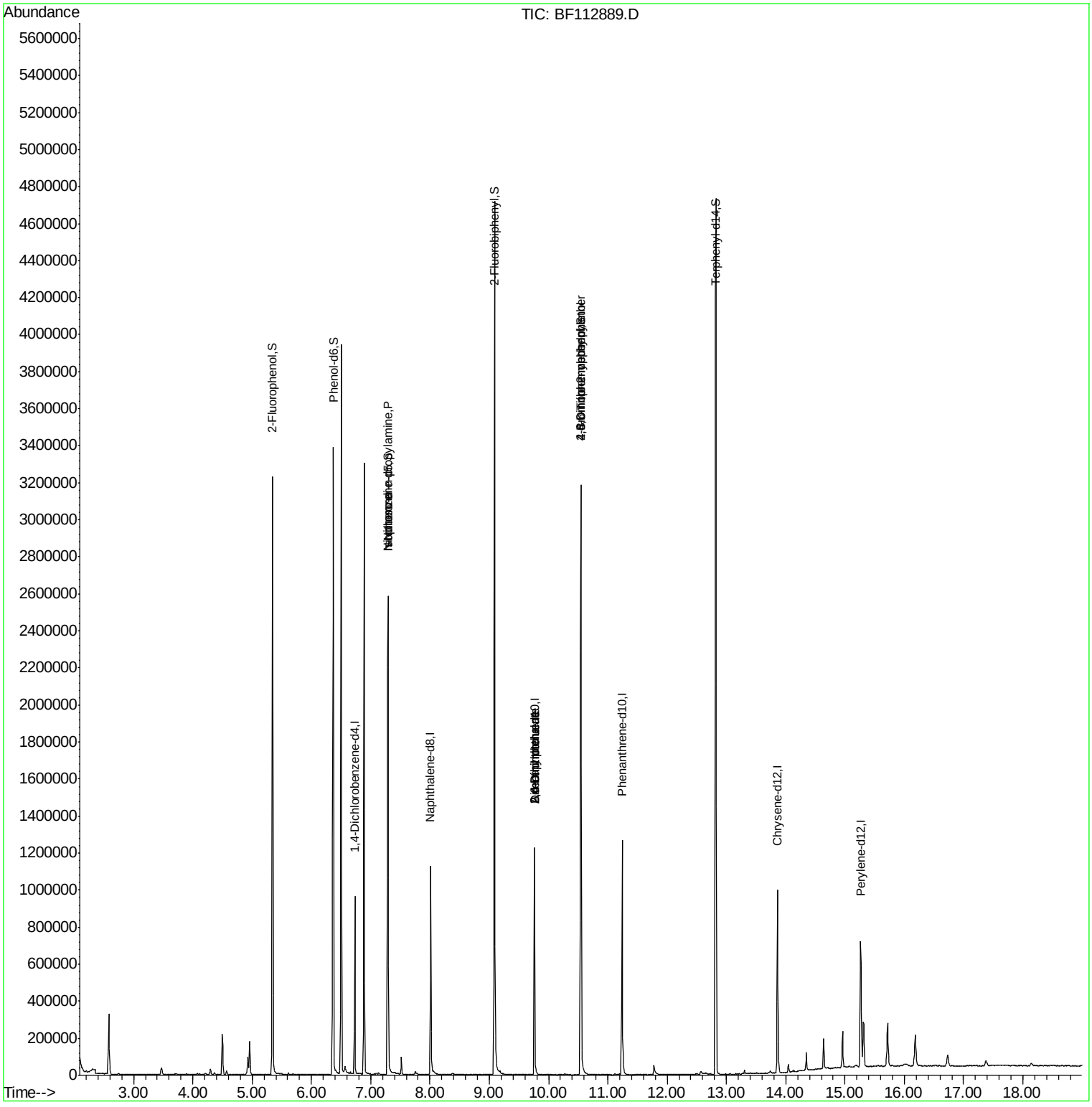
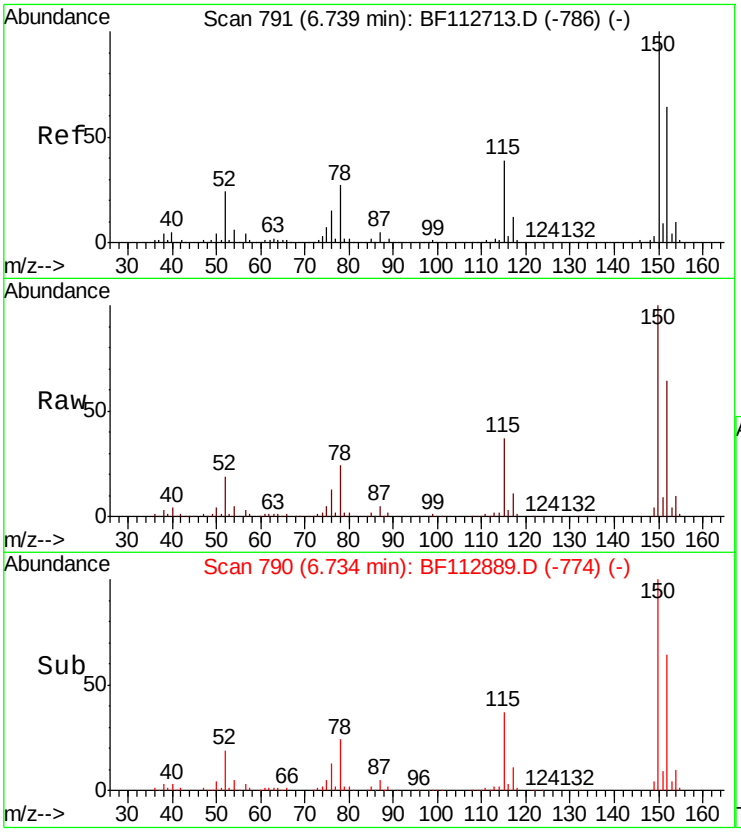


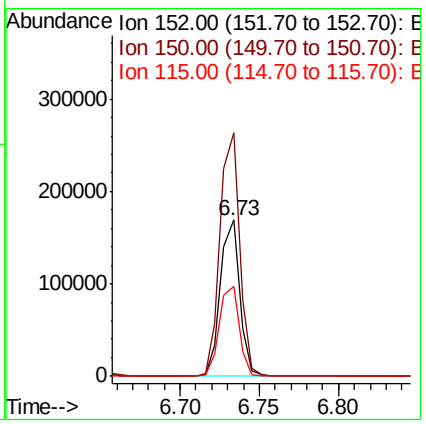


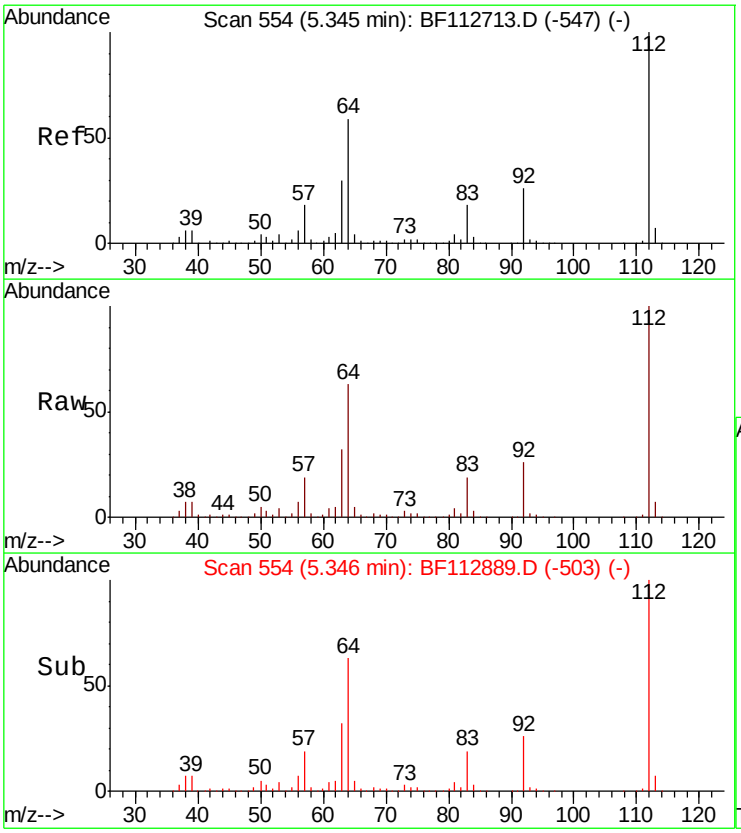
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 790
Delta R.T. -0.01 min
Lab File: BF112889.D
Acq: 6 Mar 2019 18:40

Instrument :
BNA_F
ClientSampleId :
Z-2-7

Tgt Ion:152 Resp: 144069

Ion	Ratio	Lower	Upper
152	100		
150	155.5	124.2	186.2
115	57.7	48.2	72.4

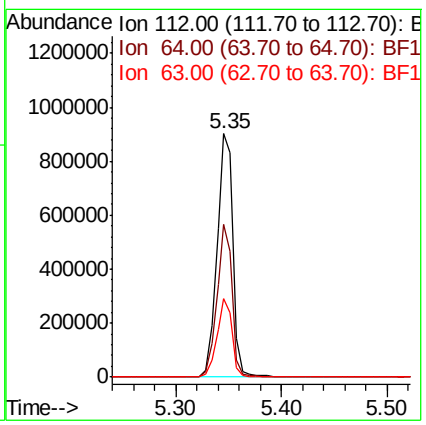


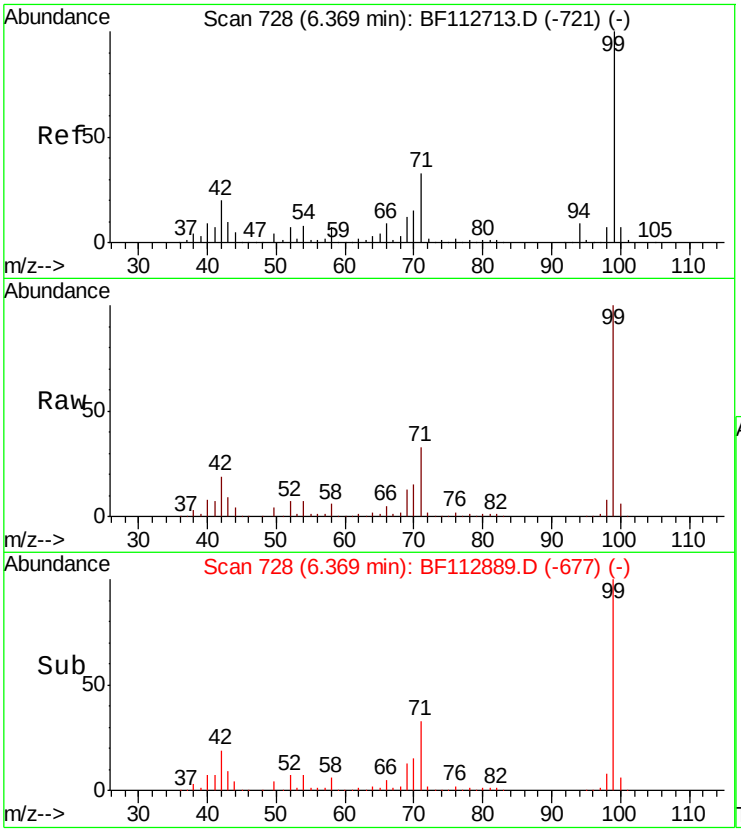


#5
2-Fluorophenol
Concen: 103.525 ng
RT: 5.35 min Scan# 554
Delta R.T. 0.00 min
Lab File: BF112889.D
Acq: 6 Mar 2019 18:40

Tgt Ion:112 Resp: 958813

Ion	Ratio	Lower	Upper
112	100		
64	63.0	47.6	71.4
63	32.2	24.4	36.6



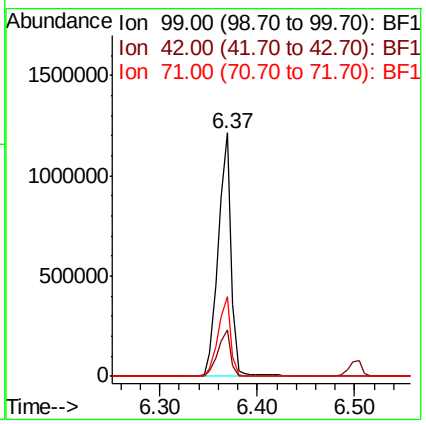


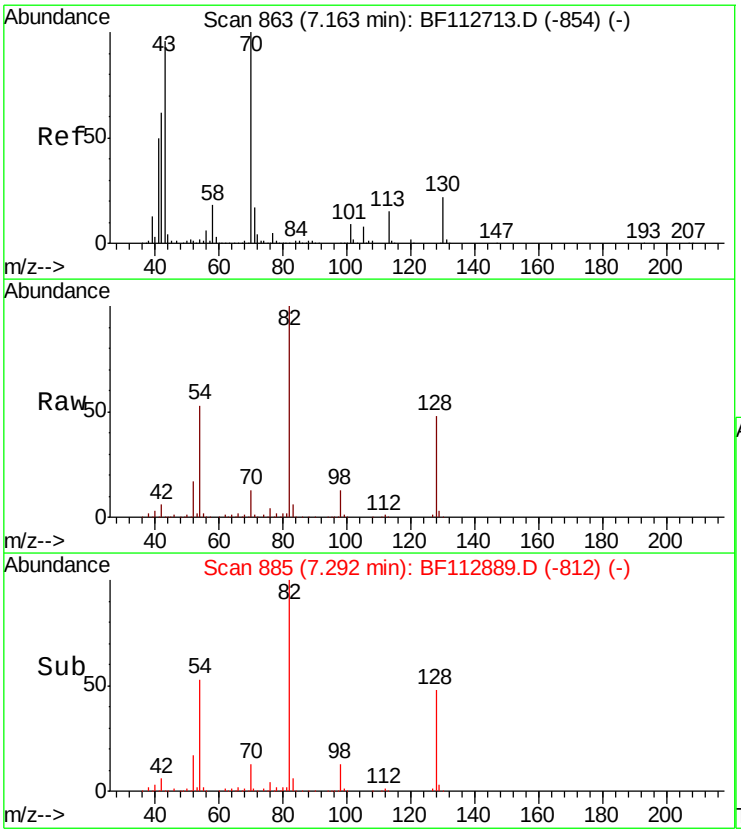
#7
Phenol-d6
Concen: 96.134 ng
RT: 6.37 min Scan# 728
Delta R.T. 0.00 min
Lab File: BF112889.D
Acq: 6 Mar 2019 18:40

Instrument :
BNA_F
ClientSampleId :
Z-2-7

Tgt Ion: 99 Resp: 1118433

Ion	Ratio	Lower	Upper
99	100		
42	19.1	16.3	24.5
71	32.9	26.2	39.4

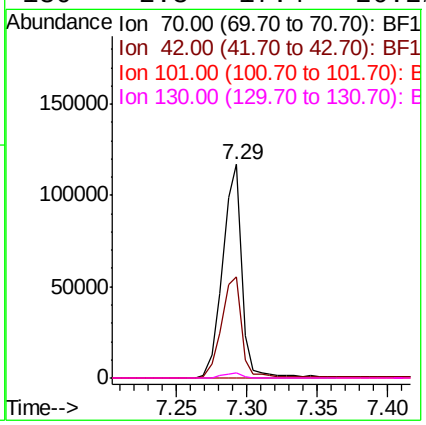


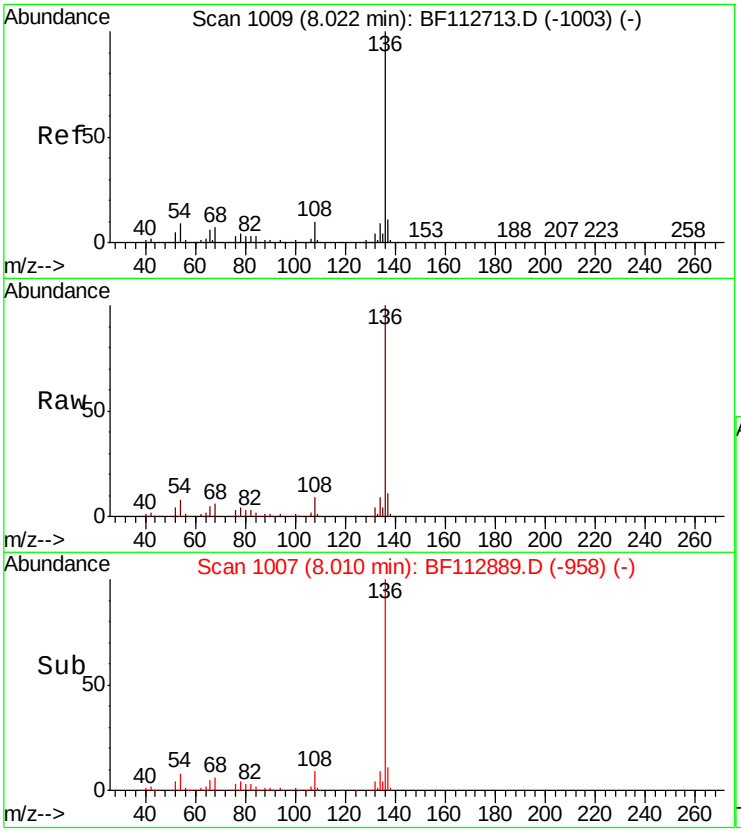


#19
n-Nitroso-di-n-propylamine
Concen: 15.153 ng
RT: 7.29 min Scan# 885
Delta R.T. 0.13 min
Lab File: BF112889.D
Acq: 6 Mar 2019 18:40

Tgt Ion: 70 Resp: 111651

Ion	Ratio	Lower	Upper
70	100		
42	47.4	49.9	74.9#
101	0.0	7.4	11.2#
130	2.3	17.4	26.2#



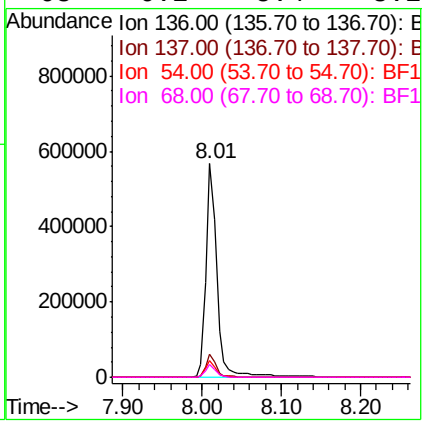


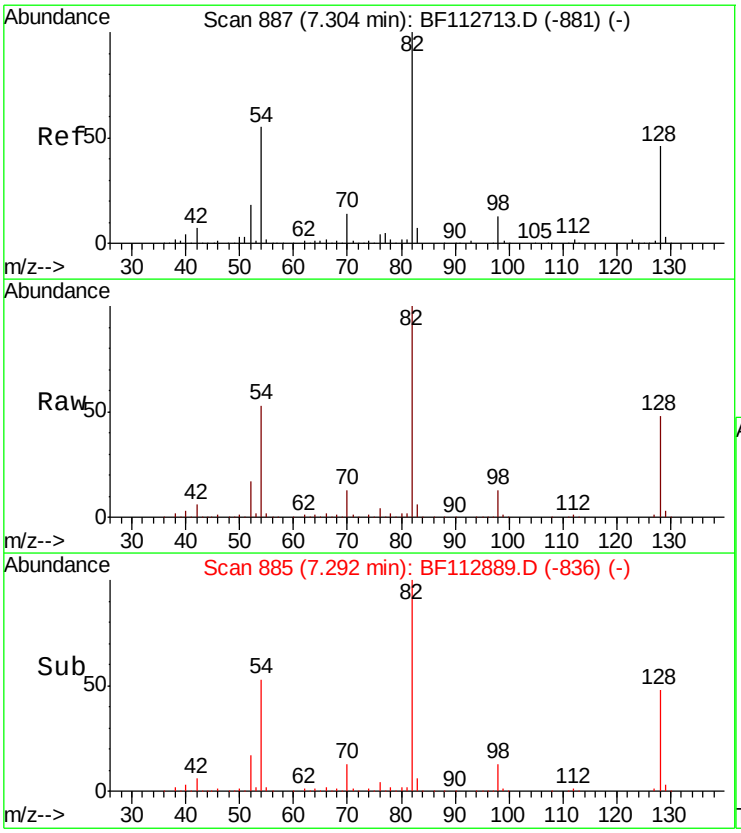
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.01 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BF112889.D
Acq: 6 Mar 2019 18:40

Instrument :
BNA_F
ClientSampleId :
Z-2-7

Tgt Ion:136 Resp: 552269

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	8.0	7.3	10.9
68	6.2	5.4	8.2

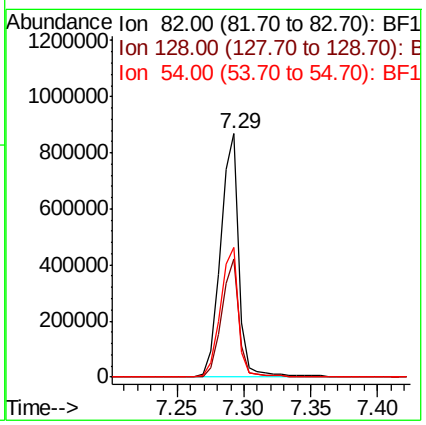


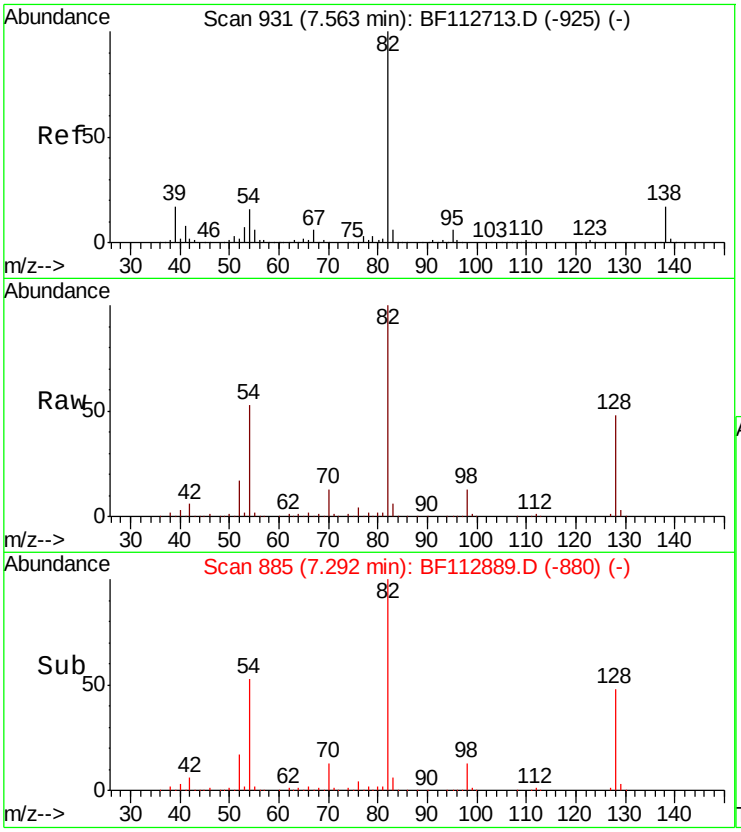


#23
Nitrobenzene-d5
Concen: 91.475 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.01 min
Lab File: BF112889.D
Acq: 6 Mar 2019 18:40

Tgt Ion: 82 Resp: 844261

Ion	Ratio	Lower	Upper
82	100		
128	48.4	36.3	54.5
54	53.1	43.7	65.5



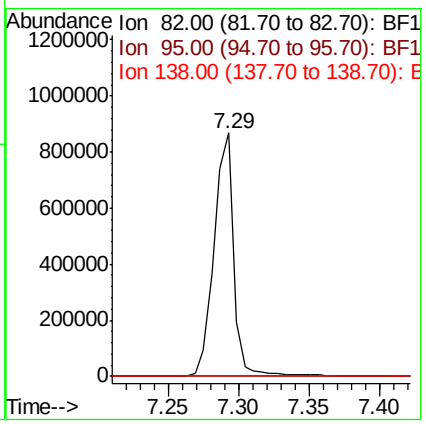


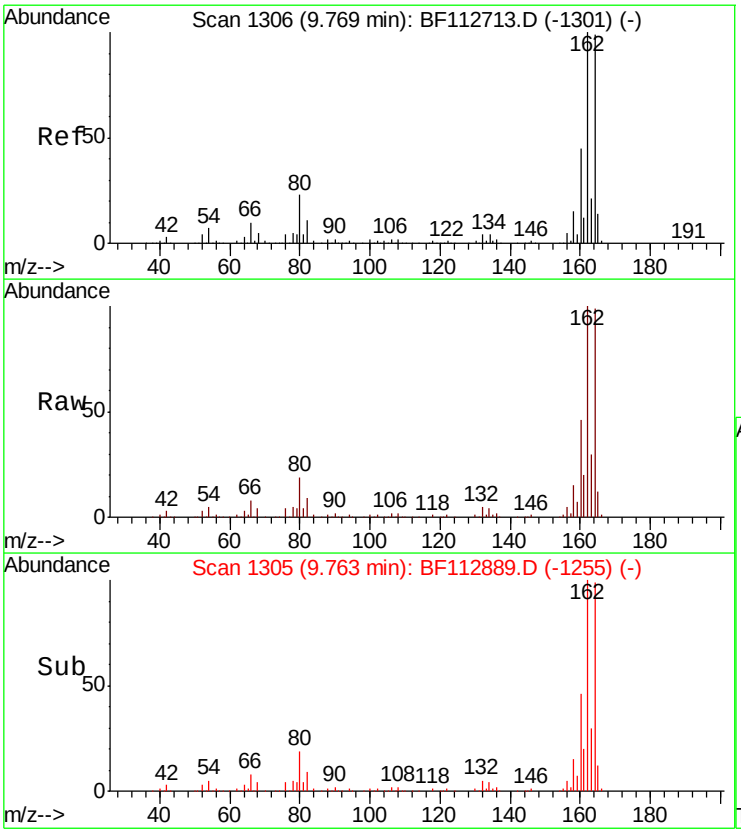
#25
Isophorone
Concen: 42.460 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.27 min
Lab File: BF112889.D
Acq: 6 Mar 2019 18:40

Instrument :
BNA_F
ClientSampleId :
Z-2-7

Tgt Ion: 82 Resp: 844254

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

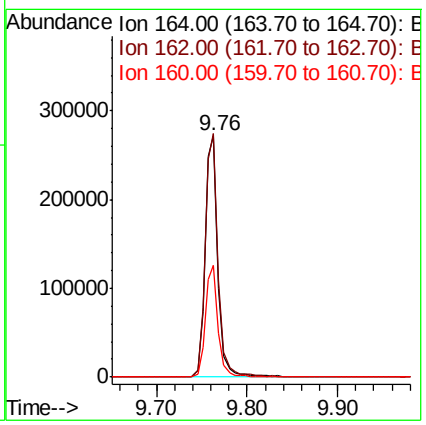


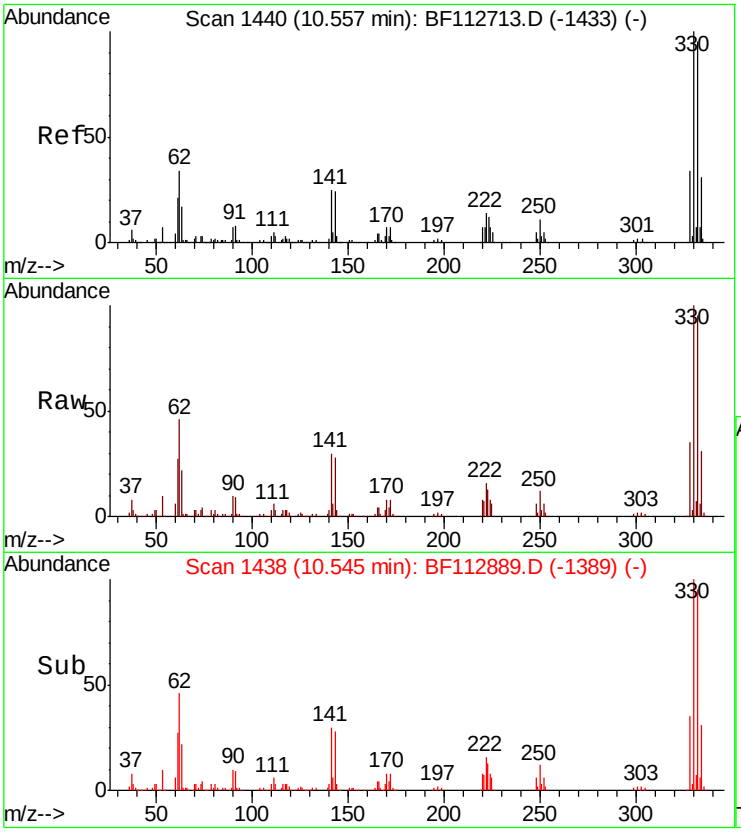


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.76 min Scan# 1305
Delta R.T. -0.01 min
Lab File: BF112889.D
Acq: 6 Mar 2019 18:40

Tgt Ion:164 Resp: 269069

Ion	Ratio	Lower	Upper
164	100		
162	100.8	80.6	120.8
160	46.4	36.0	54.0



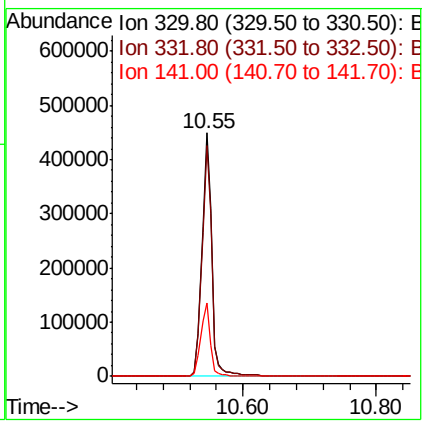


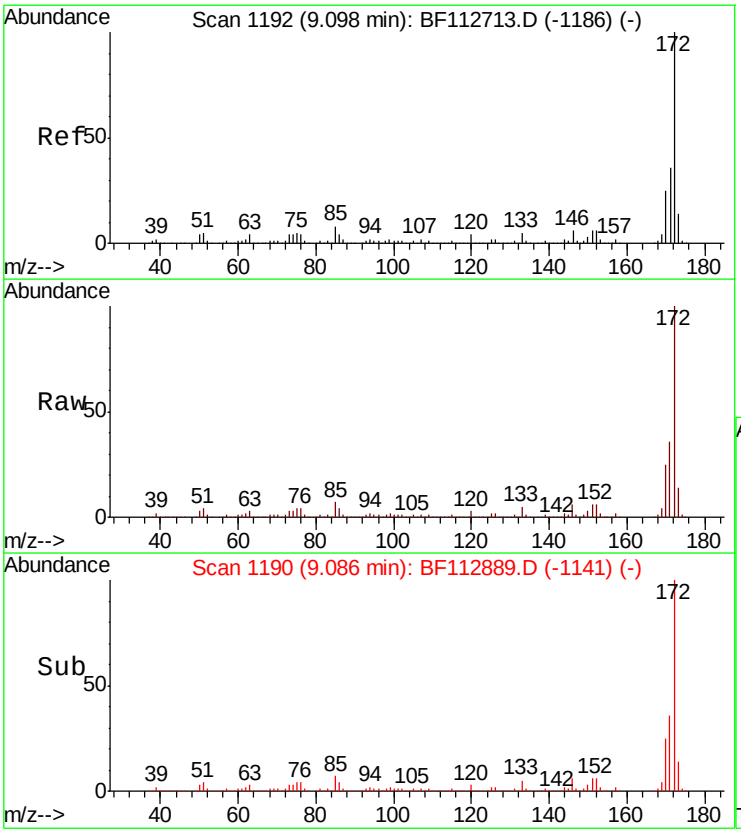
#42
2,4,6-Tribromophenol
Concen: 156.737 ng
RT: 10.55 min Scan# 1438
Delta R.T. -0.01 min
Lab File: BF112889.D
Acq: 6 Mar 2019 18:40

Instrument :
BNA_F
ClientSampleId :
Z-2-7

Tgt Ion:330 Resp: 447719

Ion	Ratio	Lower	Upper
330	100		
332	95.8	76.2	114.4
141	29.2	27.0	40.6

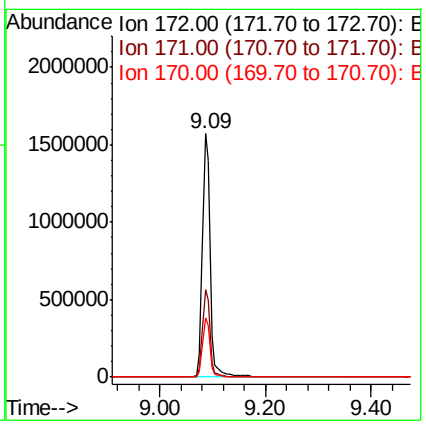


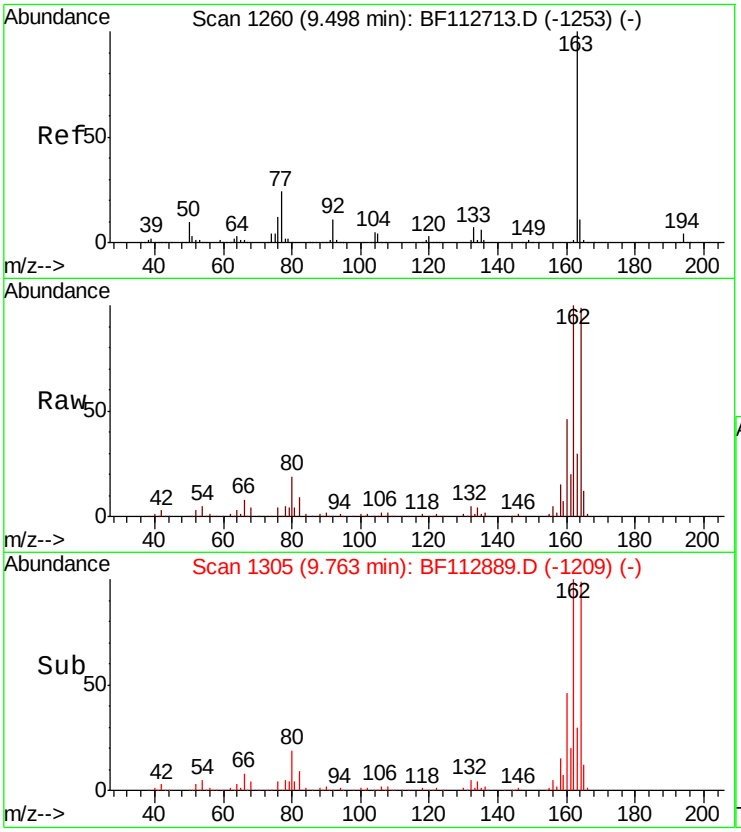


#45
2-Fluorobiphenyl
Concen: 104.151 ng
RT: 9.09 min Scan# 1190
Delta R.T. -0.01 min
Lab File: BF112889.D
Acq: 6 Mar 2019 18:40

Tgt Ion:172 Resp: 1591865

Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.0	43.4
170	24.6	20.0	30.0



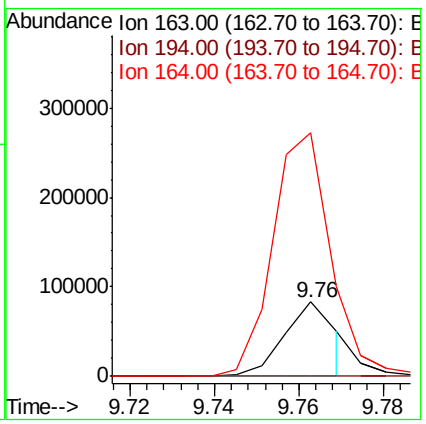


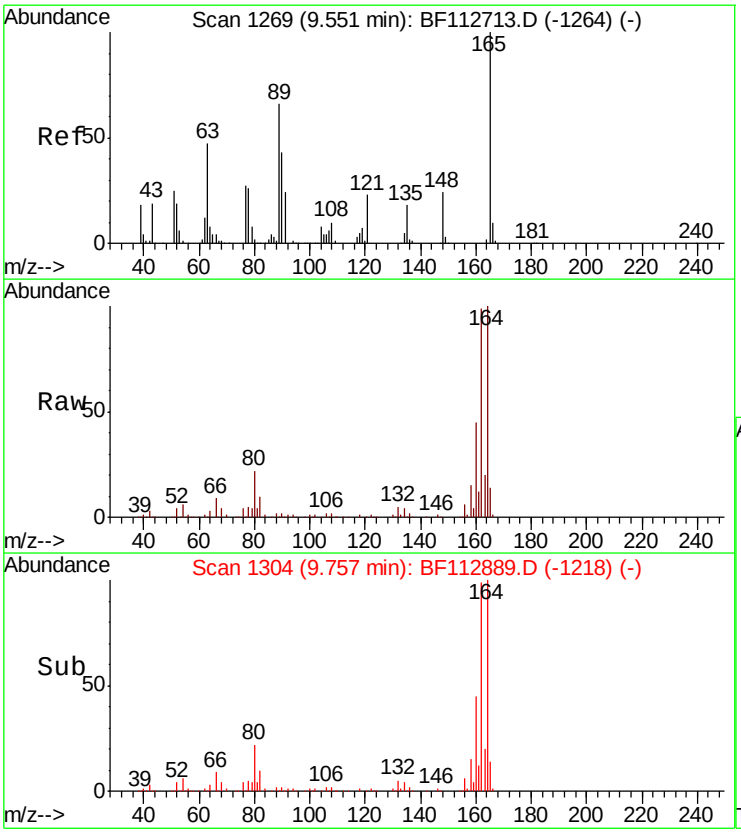
#50
Dimethylphthalate
Concen: 3.494 ng
RT: 9.76 min Scan# 1305
Delta R.T. 0.26 min
Lab File: BF112889.D
Acq: 6 Mar 2019 18:40

Instrument :
BNA_F
ClientSampleId :
Z-2-7

Tgt Ion:163 Resp: 69329

Ion	Ratio	Lower	Upper
163	100		
194	0.0	3.0	4.4#
164	327.6	8.4	12.6#

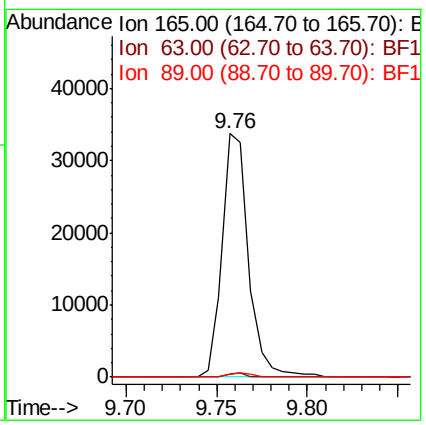


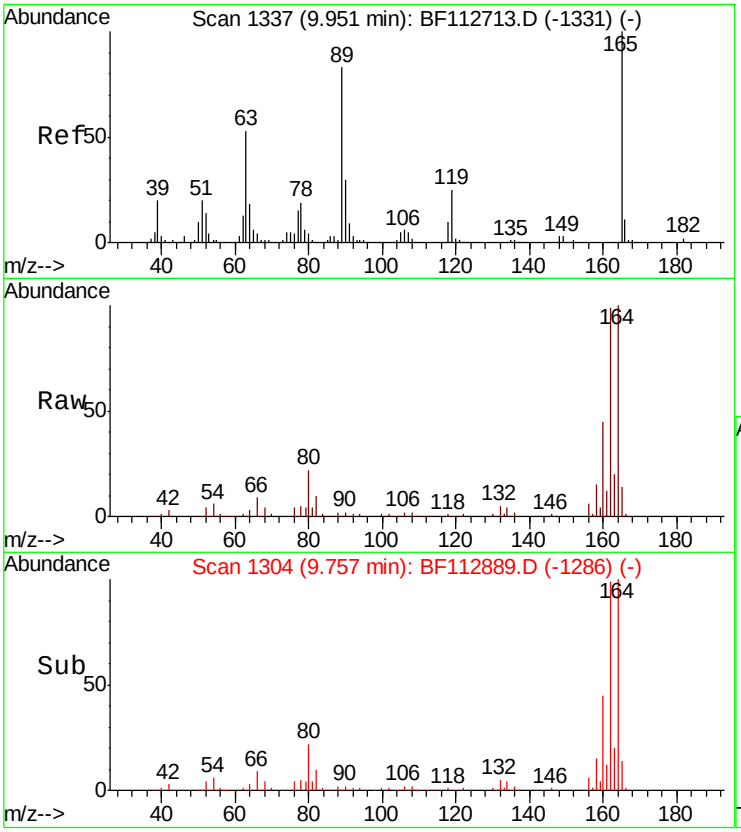


#51
2,6-Dinitrotoluene
Concen: 8.301 ng
RT: 9.76 min Scan# 1304
Delta R.T. 0.21 min
Lab File: BF112889.D
Acq: 6 Mar 2019 18:40

Tgt Ion:165 Resp: 34297

Ion	Ratio	Lower	Upper
165	100		
63	1.2	54.1	81.1#
89	1.1	52.8	79.2#



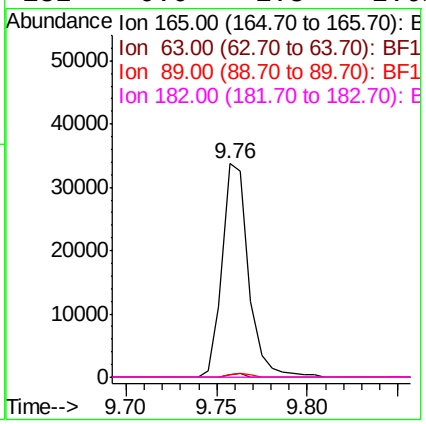


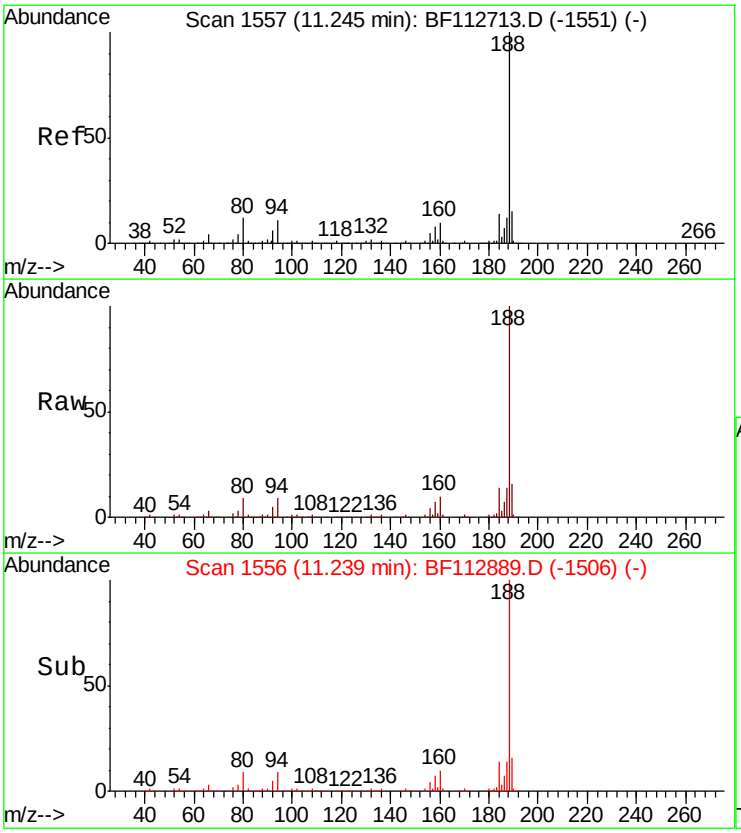
#57
2,4-Dinitrotoluene
Concen: 6.678 ng
RT: 9.76 min Scan# 1304
Delta R.T. -0.19 min
Lab File: BF112889.D
Acq: 6 Mar 2019 18:40

Instrument :
BNA_F
ClientSampleId :
Z-2-7

Tgt Ion:165 Resp: 34297

Ion	Ratio	Lower	Upper
165	100		
63	1.2	42.2	63.2#
89	1.1	66.2	99.4#
182	0.0	1.8	2.6#

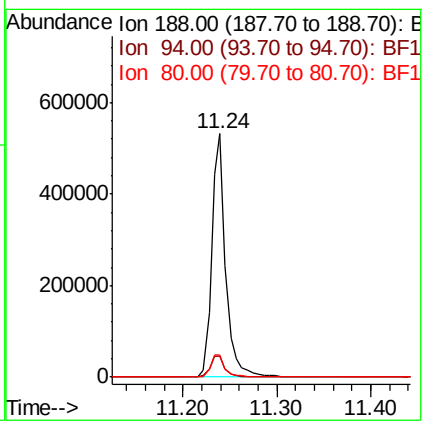


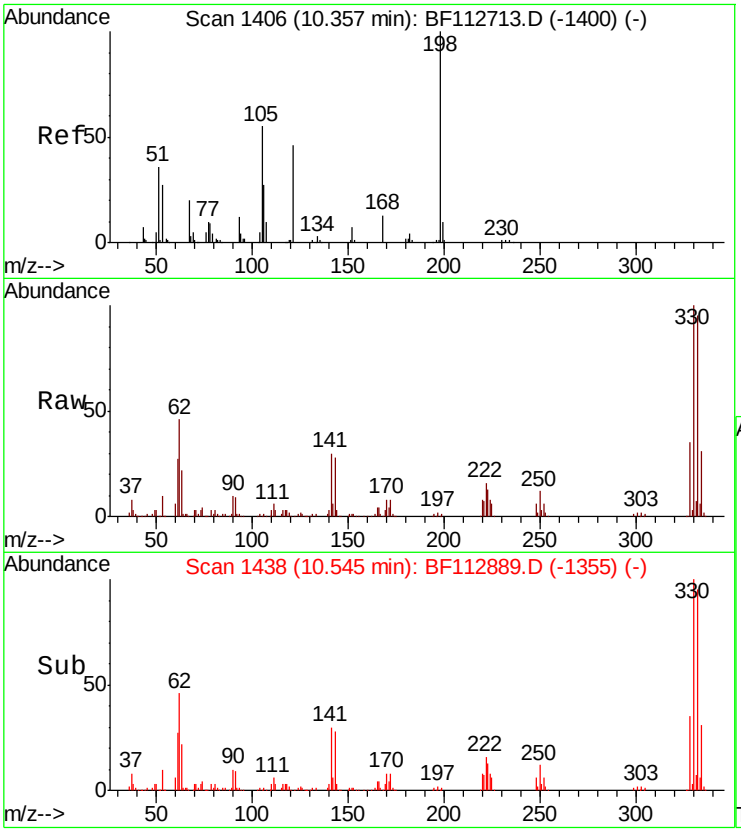


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1556
Delta R.T. -0.01 min
Lab File: BF112889.D
Acq: 6 Mar 2019 18:40

Tgt Ion:188 Resp: 554803

Ion	Ratio	Lower	Upper
188	100		
94	8.7	9.0	13.4#
80	9.2	9.2	13.8#



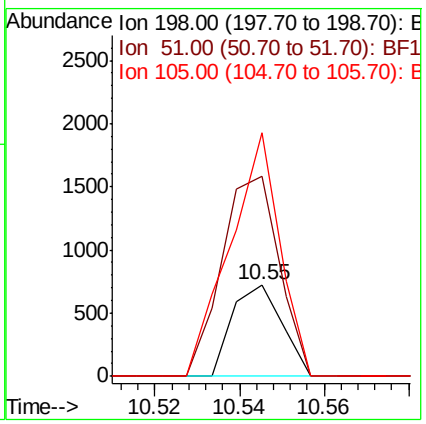


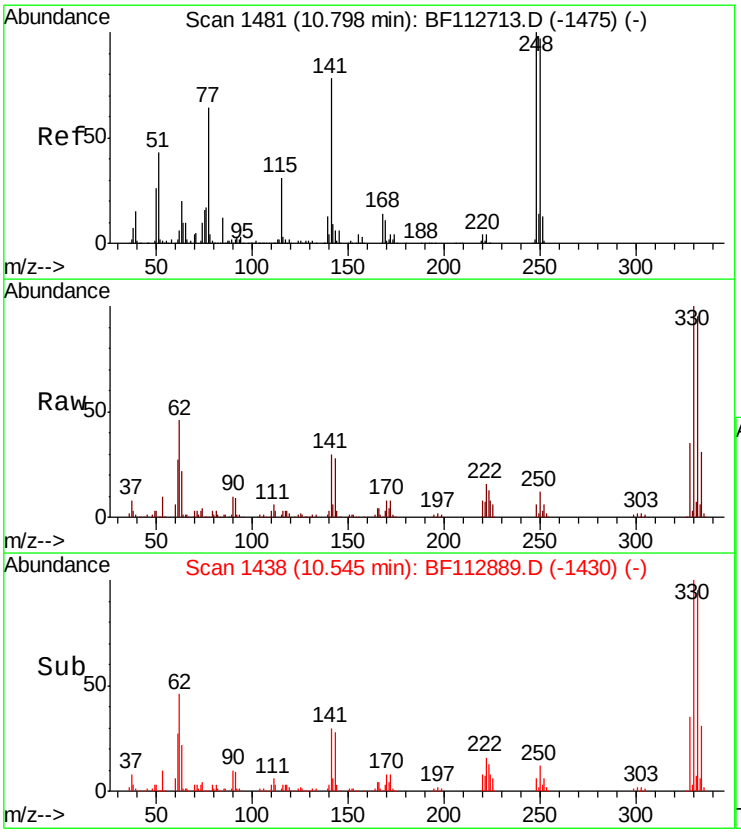
#65
4,6-Dinitro-2-methylphenol
Concen: 4.847 ng
RT: 10.55 min Scan# 1438
Delta R.T. 0.19 min
Lab File: BF112889.D
Acq: 6 Mar 2019 18:40

Instrument :
BNA_F
ClientSampleId :
Z-2-7

Tgt Ion:198 Resp: 591

Ion	Ratio	Lower	Upper
198	100		
51	218.3	43.8	83.8#
105	265.8	36.5	76.5#

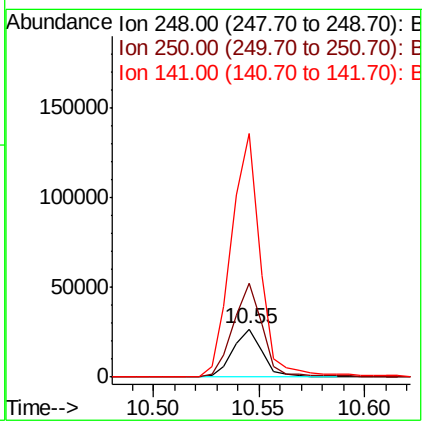


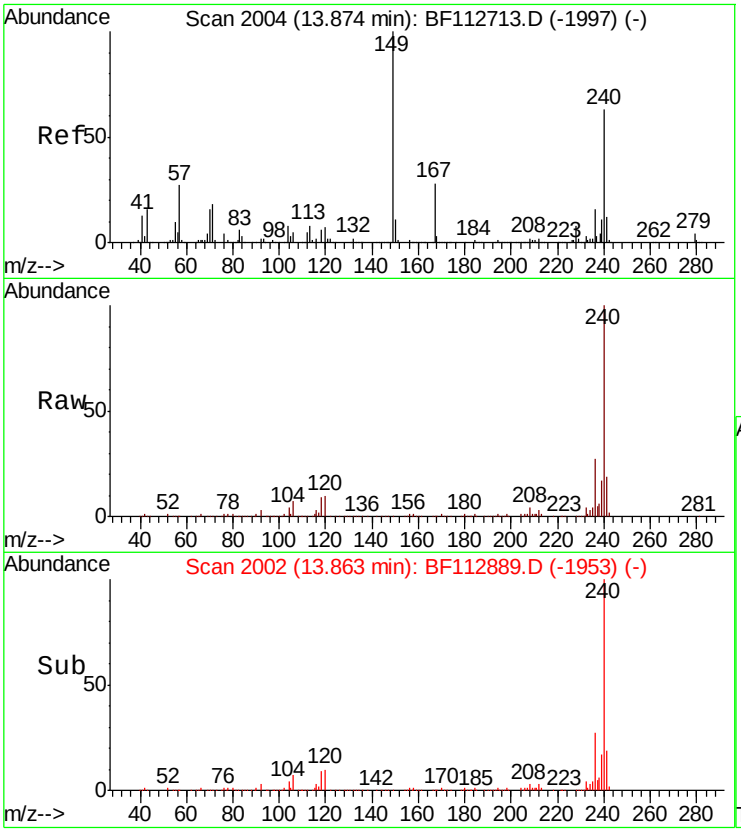


#67
4-Bromophenyl-phenylether
Concen: 4.316 ng
RT: 10.55 min Scan# 1438
Delta R.T. -0.25 min
Lab File: BF112889.D
Acq: 6 Mar 2019 18:40

Tgt Ion:248 Resp: 25224

Ion	Ratio	Lower	Upper
248	100		
250	195.0	77.5	116.3#
141	508.1	62.4	93.6#



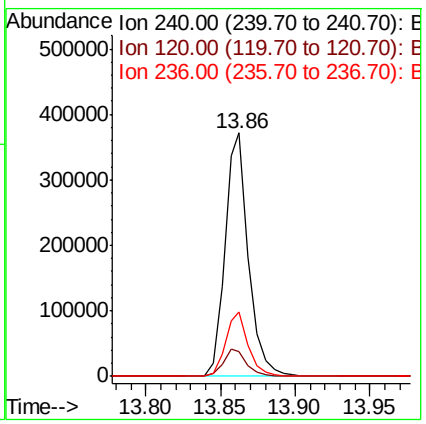


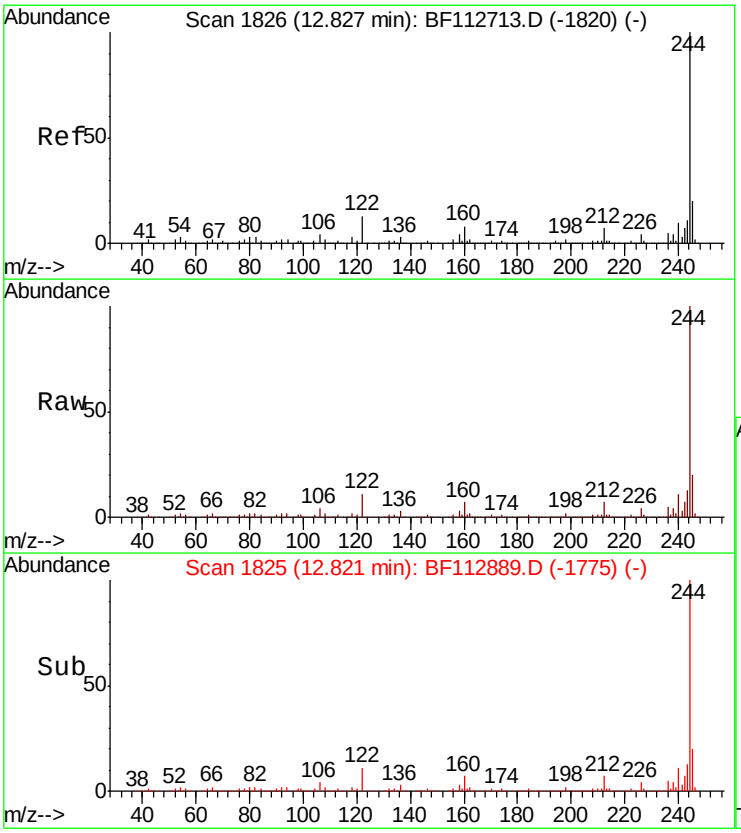
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.86 min Scan# 2002
Delta R.T. -0.01 min
Lab File: BF112889.D
Acq: 6 Mar 2019 18:40

Instrument :
BNA_F
ClientSampleId :
Z-2-7

Tgt Ion:240 Resp: 409857

Ion	Ratio	Lower	Upper
240	100		
120	10.3	8.9	13.3
236	26.7	20.7	31.1

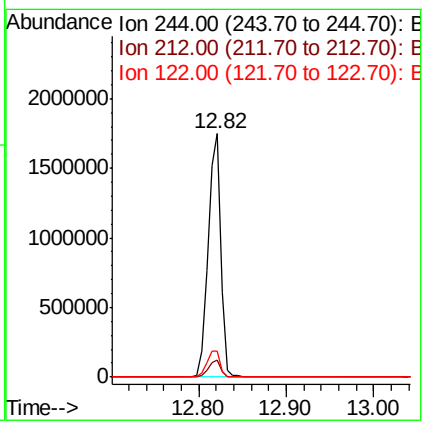


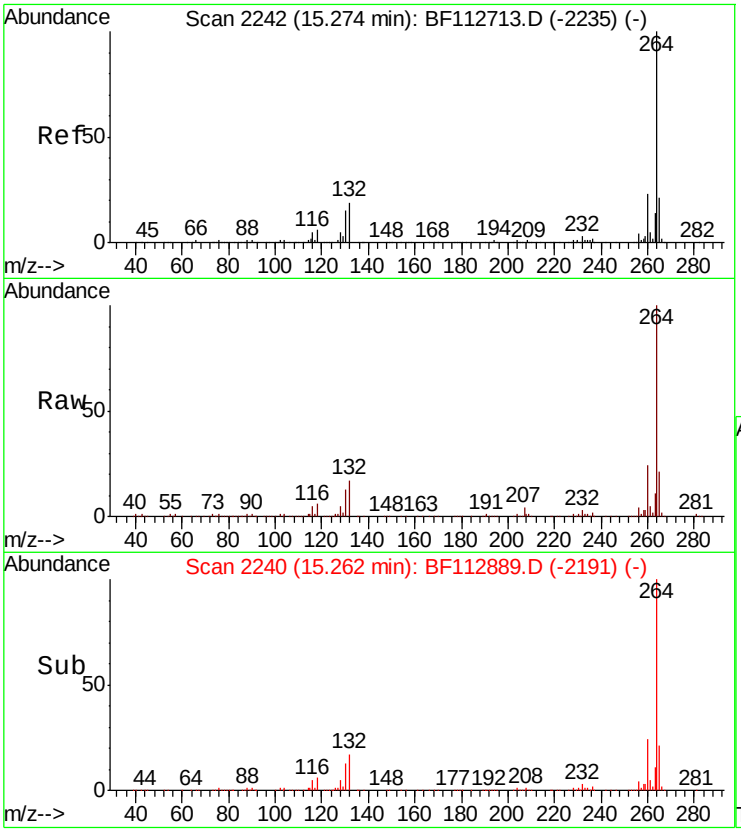


#79
Terphenyl-d14
Concen: 82.486 ng
RT: 12.82 min Scan# 1825
Delta R.T. -0.01 min
Lab File: BF112889.D
Acq: 6 Mar 2019 18:40

Tgt Ion:244 Resp: 1744002

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.6	8.4
122	10.8	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: BF112889.D
Acq: 6 Mar 2019 18:40

Instrument :
BNA_F
ClientSampleId :
Z-2-7

Tgt Ion:264 Resp: 361373

Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.7	28.1
265	21.4	17.2	25.8