Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF030719\
Data File : BF112933.D
Acq On : 7 Mar 2019 20:39
Operator : JU/SJ
Sample : K1760-19
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : Z2-12

Quant Time: Mar 08 00:21:32 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	210902	20.00	ng		-0.01
21) Naphthalene-d8	8.01	136	819270	20.00	ng		-0.01
39) Acenaphthene-d10	9.76	164	391704	20.00	ng		-0.01
64) Phenanthrene-d10	11.24	188	794171	20.00	ng		0.00
76) Chrysene-d12	13.86	240	583959	20.00	ng		-0.01
87) Perylene-d12	15.26	264	595063	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.34	112	1145344	84.48	ng		0.00
7) Phenol-d6	6.37	99	1527424	89.68	ng		0.00
23) Nitrobenzene-d5	7.29	82	958625	70.02	ng		-0.02
42) 2,4,6-Tribromophenol	10.55	330	472843	113.71	ng		-0.01
45) 2-Fluorobiphenyl	9.09	172	1734246	70.03	ng		-0.01
79) Terphenyl-d14	12.82	244	1691931	56.16	ng		-0.01
Target Compounds							Qvalue
10) Phenol	6.38	94	56472	2.841	ng		86
19) n-Nitroso-di-n-propylamine	7.29	70	126412	11.719	ng	#	75
25) Isophorone	7.29	82	947317	32.117	ng	#	66
50) Dimethylphthalate	9.48	163	152131	5.267	ng		100
51) 2,6-Dinitrotoluene	9.76	165	51622	8.583	ng	#	18
57) 2,4-Dinitrotoluene	9.76	165	51623	6.905	ng	#	17
65) 4,6-Dinitro-2-methylphenol	10.55	198	724	4.813	ng	#	1
67) 4-Bromophenyl-phenylether	10.55	248	26441	3.161	ng	#	1

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF030719\
Data File : BF112933.D
Acq On : 7 Mar 2019 20:39
Operator : JU/SJ
Sample : K1760-19
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
Z2-12

Quant Time: Mar 08 00:21:32 2019
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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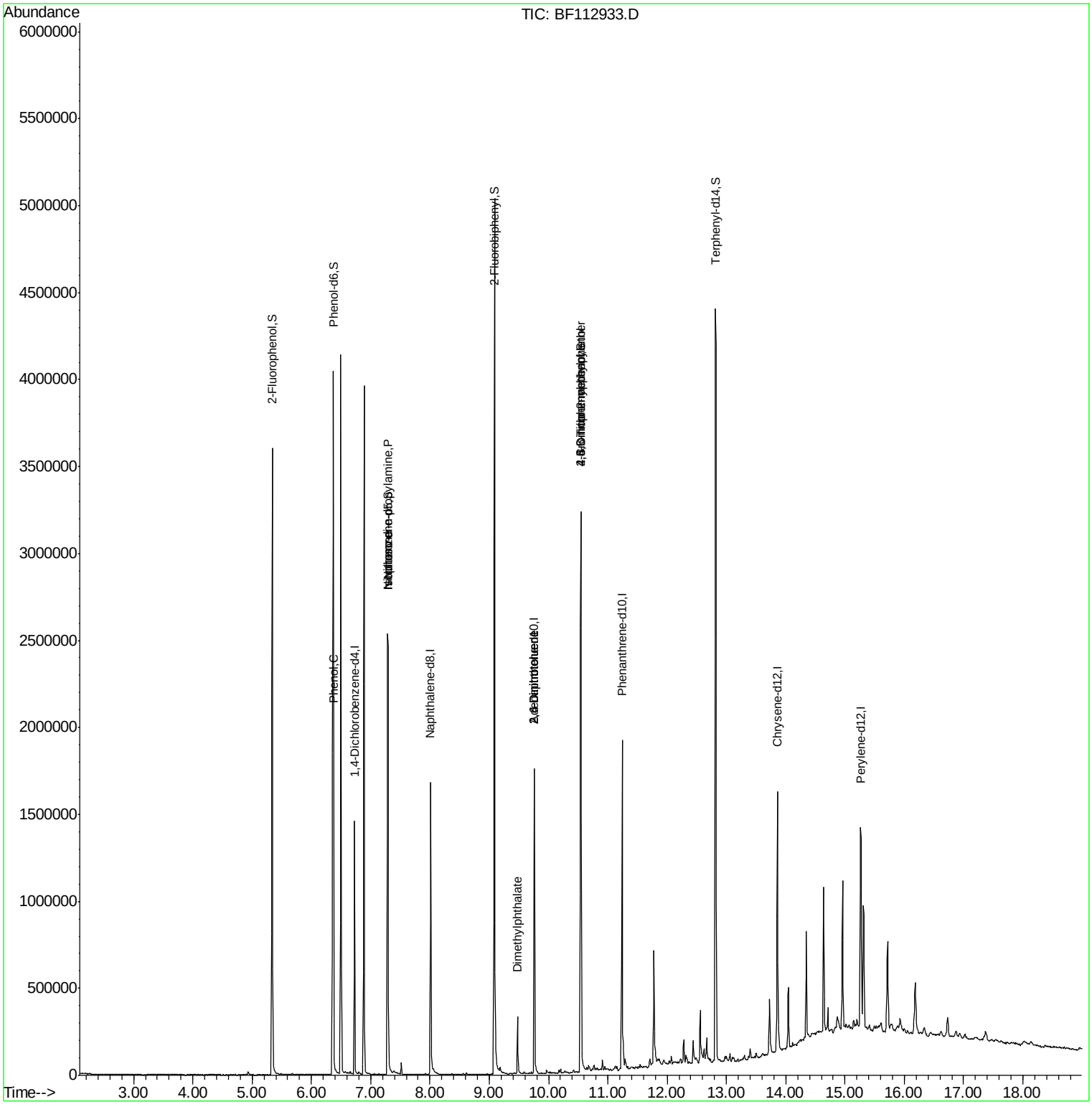
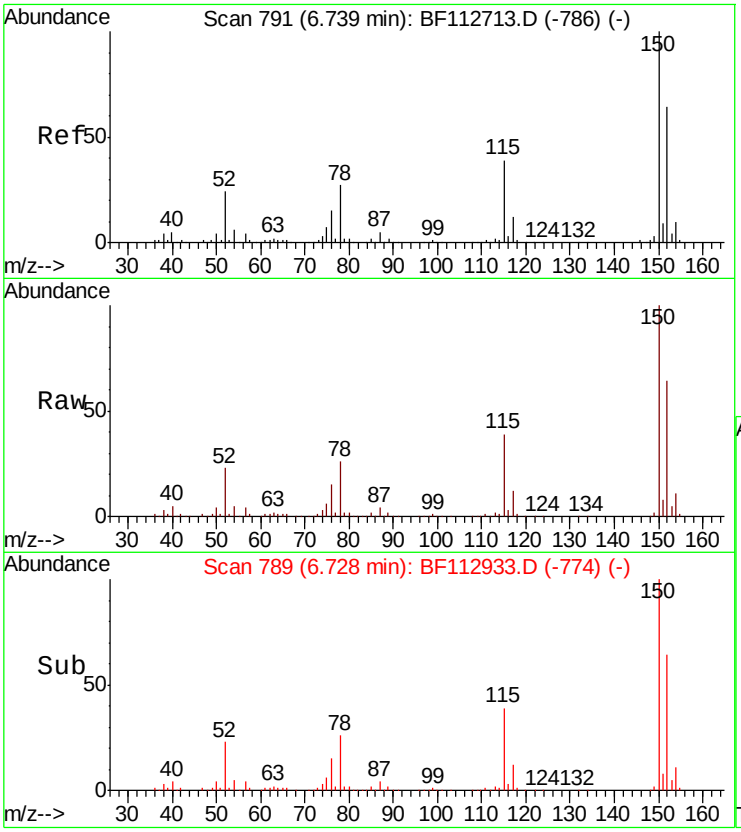


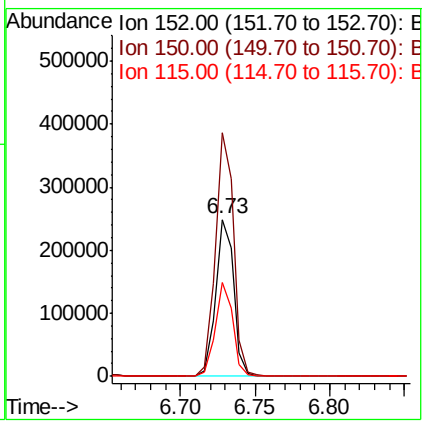


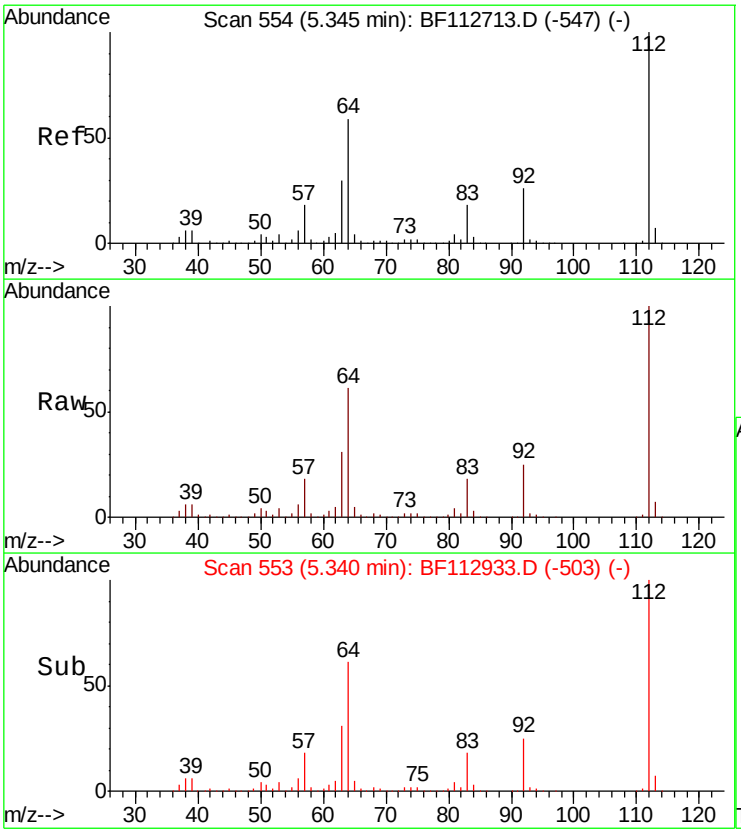
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 789
Delta R.T. -0.01 min
Lab File: BF112933.D
Acq: 7 Mar 2019 20:39

Instrument :
BNA_F
ClientSampleId :
Z2-12

Tgt Ion:152 Resp: 210902

Ion	Ratio	Lower	Upper
152	100		
150	155.4	124.2	186.2
115	59.8	48.2	72.4

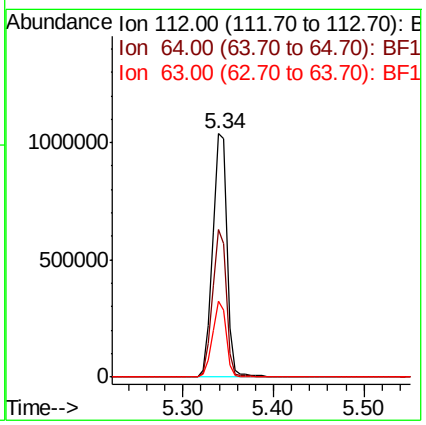


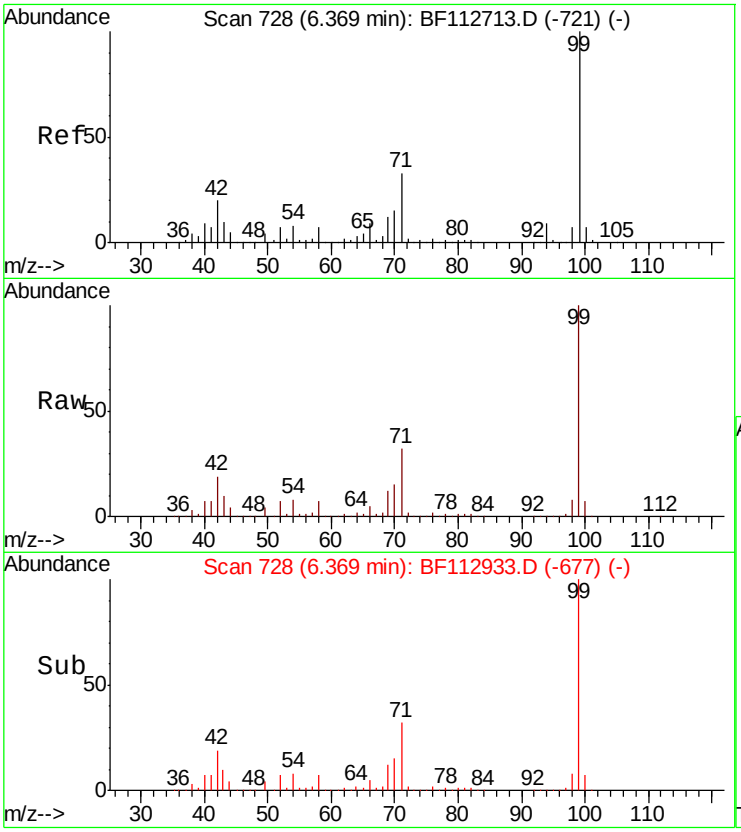


#5
2-Fluorophenol
Concen: 84.477 ng
RT: 5.34 min Scan# 553
Delta R.T. -0.01 min
Lab File: BF112933.D
Acq: 7 Mar 2019 20:39

Tgt Ion:112 Resp: 1145344

Ion	Ratio	Lower	Upper
112	100		
64	60.7	47.6	71.4
63	30.9	24.4	36.6



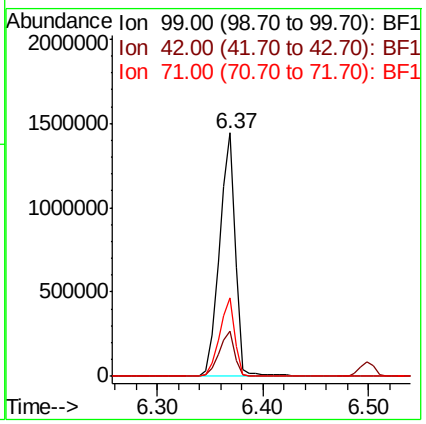


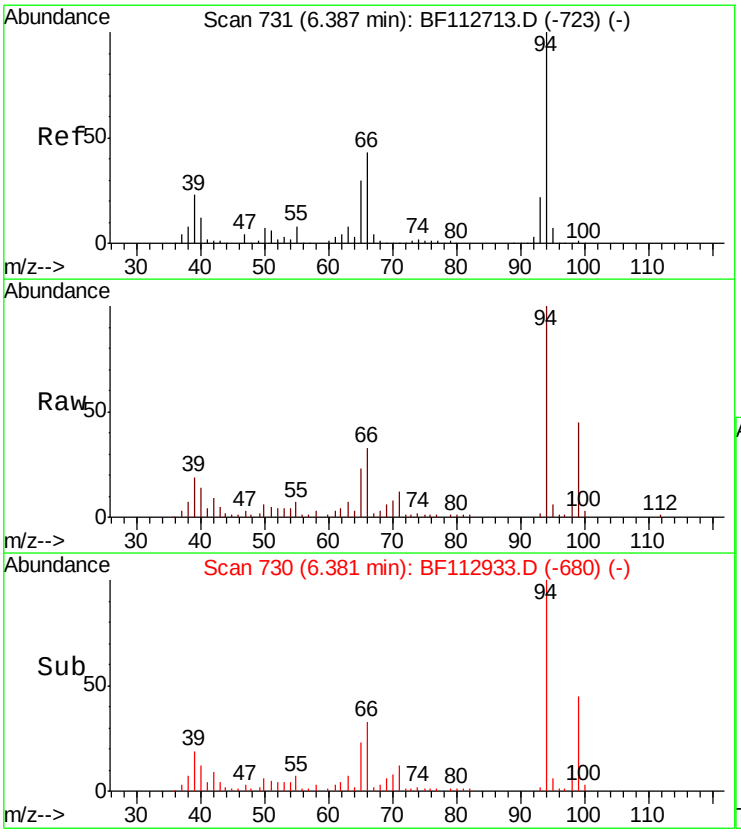
#7
Phenol-d6
Concen: 89.684 ng
RT: 6.37 min Scan# 728
Delta R.T. 0.00 min
Lab File: BF112933.D
Acq: 7 Mar 2019 20:39

Instrument :
BNA_F
ClientSampleId :
Z2-12

Tgt Ion: 99 Resp: 1527424

Ion	Ratio	Lower	Upper
99	100		
42	18.6	16.3	24.5
71	32.4	26.2	39.4

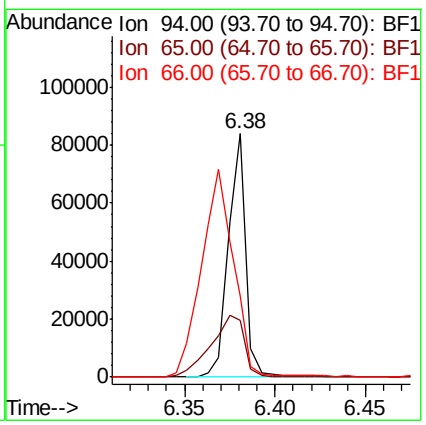


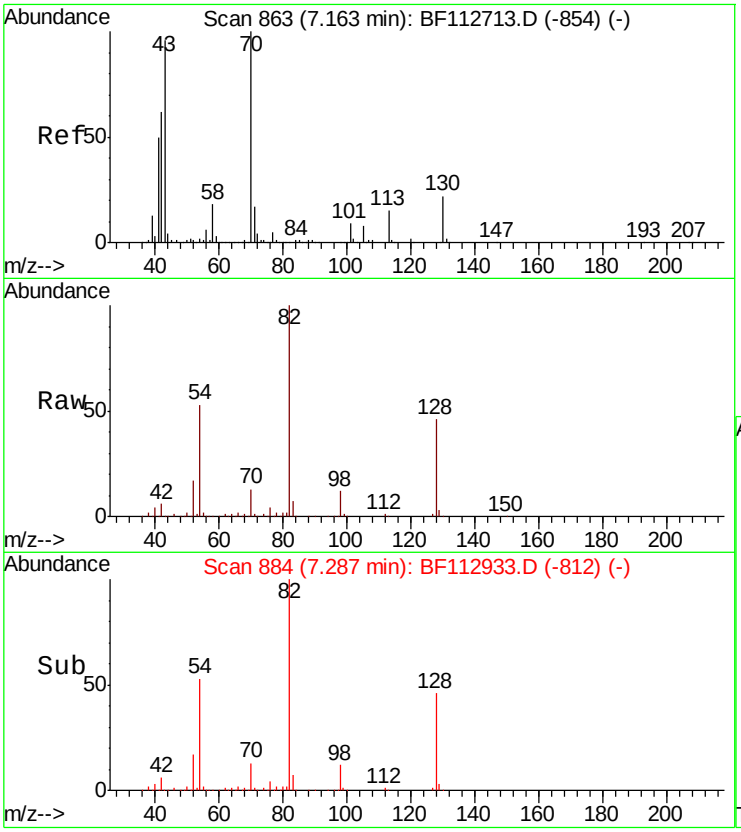


#10
Phenol
Concen: 2.841 ng
RT: 6.38 min Scan# 730
Delta R.T. -0.01 min
Lab File: BF112933.D
Acq: 7 Mar 2019 20:39

Tgt Ion: 94 Resp: 56472

Ion	Ratio	Lower	Upper
94	100		
65	23.1	10.5	50.5
66	33.2	22.6	62.6



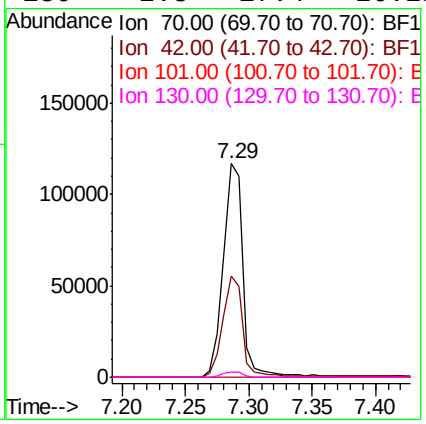


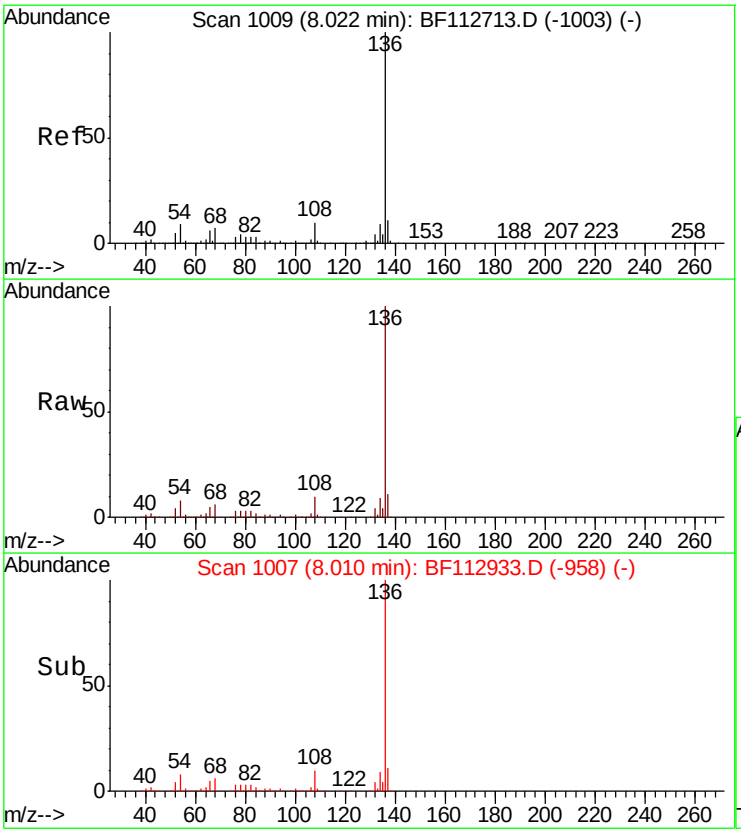
#19
n-Nitroso-di-n-propylamine
Concen: 11.719 ng
RT: 7.29 min Scan# 884
Delta R.T. 0.12 min
Lab File: BF112933.D
Acq: 7 Mar 2019 20:39

Instrument :
BNA_F
ClientSampleId :
Z2-12

Tgt Ion: 70 Resp: 126412

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#

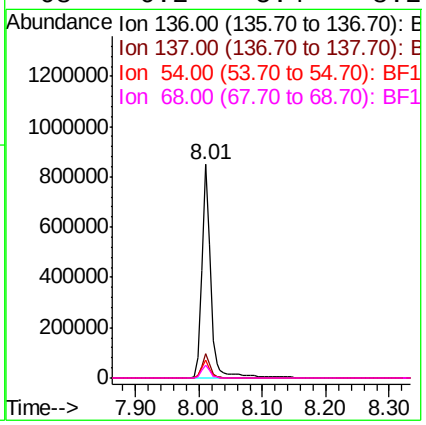


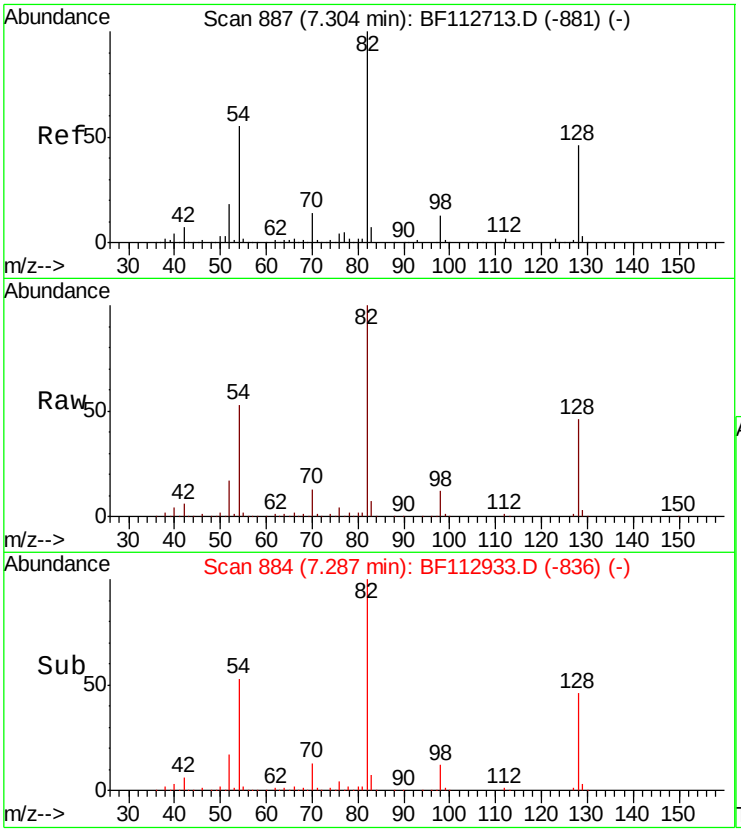


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.01 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BF112933.D
Acq: 7 Mar 2019 20:39

Tgt Ion:136 Resp: 819270

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.9	13.3
54	8.3	7.3	10.9
68	6.2	5.4	8.2



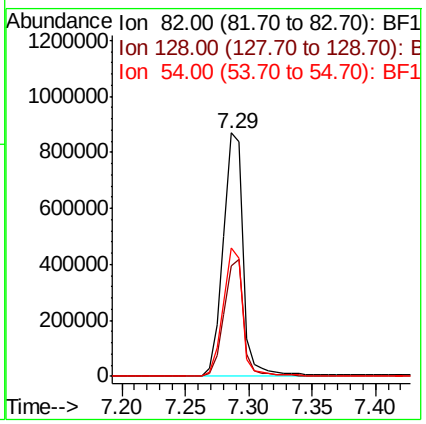


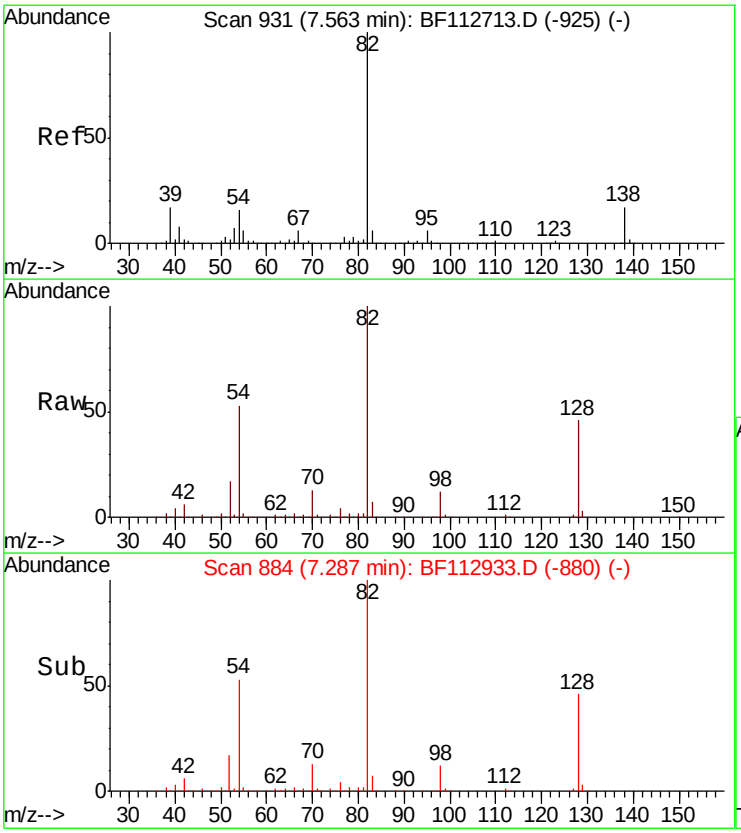
#23
Nitrobenzene-d5
Concen: 70.016 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.02 min
Lab File: BF112933.D
Acq: 7 Mar 2019 20:39

Instrument :
BNA_F
ClientSampleId :
Z2-12

Tgt Ion: 82 Resp: 958625

Ion	Ratio	Lower	Upper
82	100		
128	45.6	36.3	54.5
54	52.6	43.7	65.5

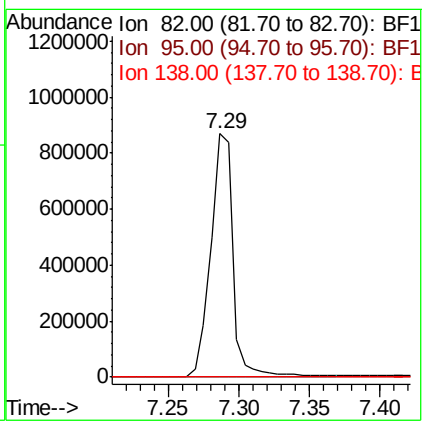


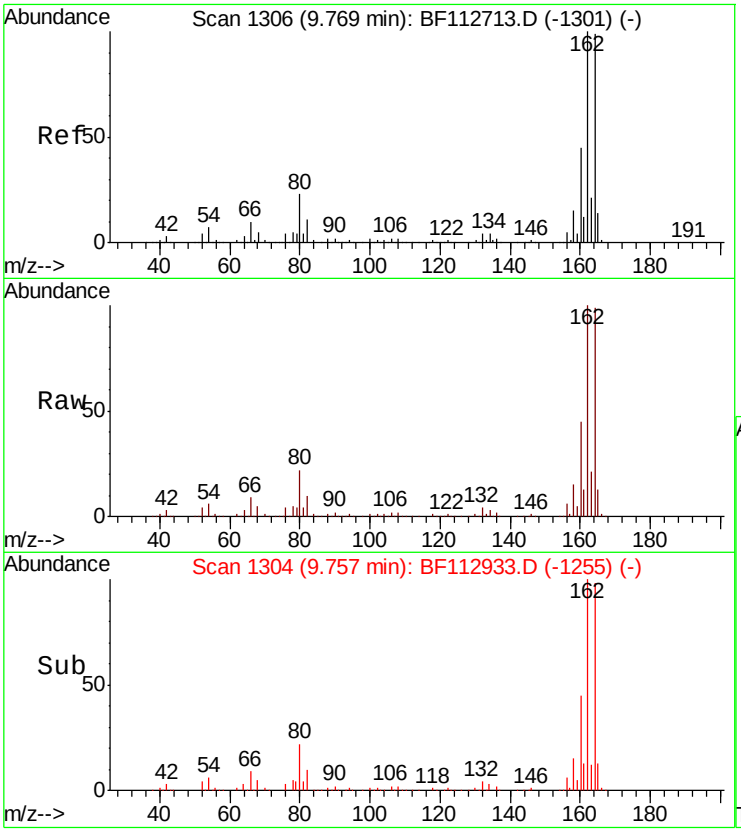


#25
Isophorone
Concen: 32.117 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.28 min
Lab File: BF112933.D
Acq: 7 Mar 2019 20:39

Tgt Ion: 82 Resp: 947317

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



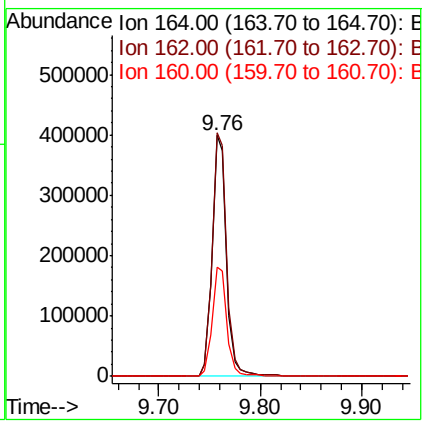


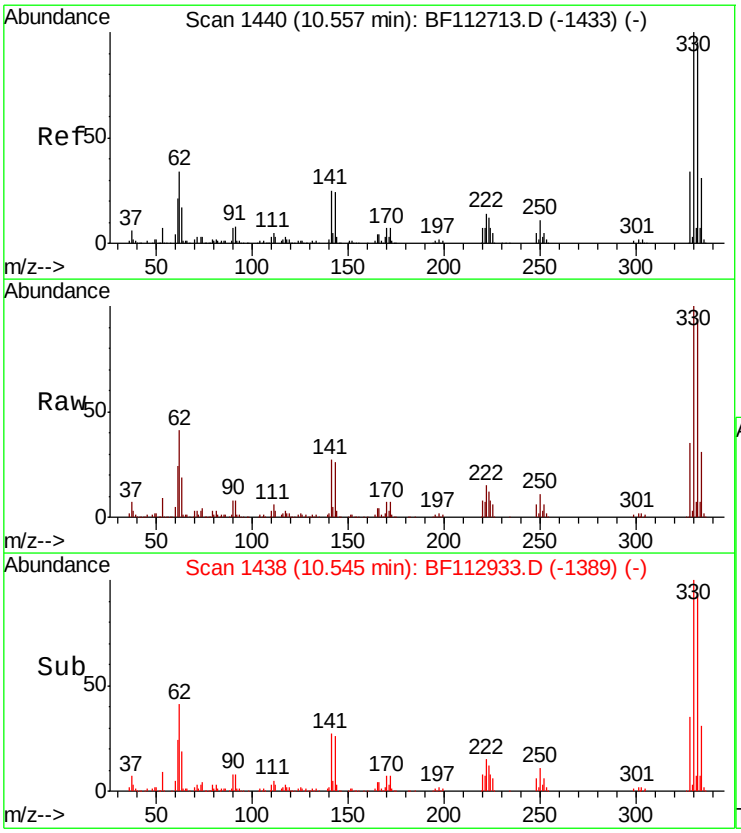
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.76 min Scan# 1304
Delta R.T. -0.01 min
Lab File: BF112933.D
Acq: 7 Mar 2019 20:39

Instrument :
BNA_F
ClientSampleId :
Z2-12

Tgt Ion:164 Resp: 391704

Ion	Ratio	Lower	Upper
164	100		
162	101.2	80.6	120.8
160	45.5	36.0	54.0

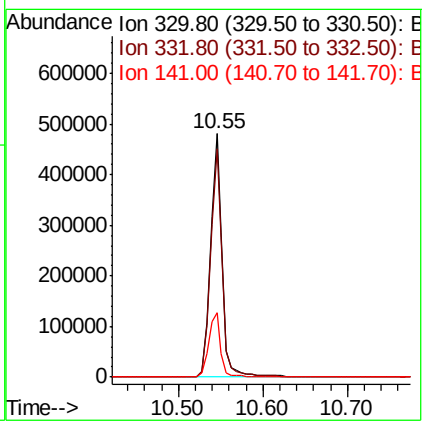


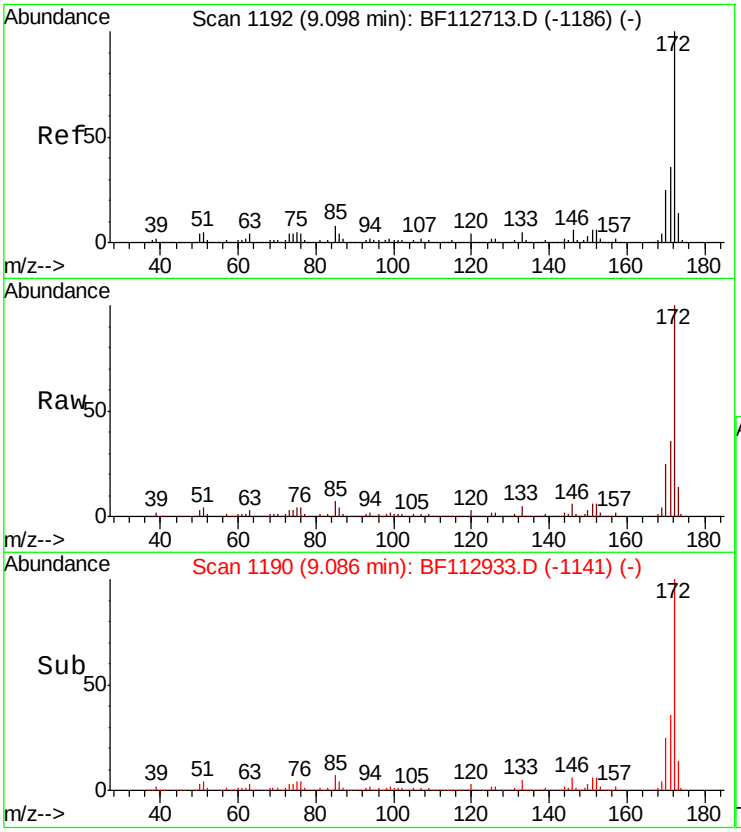


#42
2,4,6-Tribromophenol
Concen: 113.707 ng
RT: 10.55 min Scan# 1438
Delta R.T. -0.01 min
Lab File: BF112933.D
Acq: 7 Mar 2019 20:39

Tgt Ion:330 Resp: 472843

Ion	Ratio	Lower	Upper
330	100		
332	95.5	76.2	114.4
141	27.8	27.0	40.6



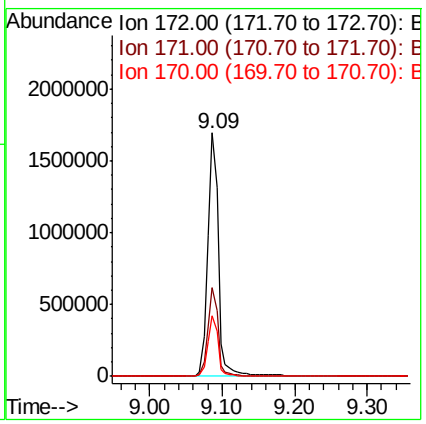


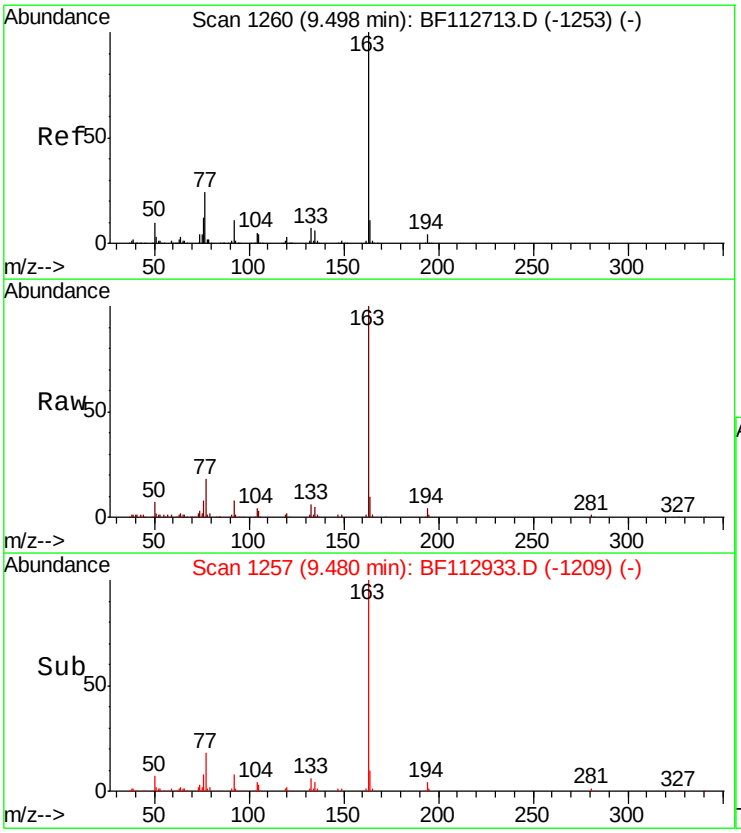
#45
2-Fluorobiphenyl
Concen: 70.026 ng
RT: 9.09 min Scan# 1190
Delta R.T. -0.01 min
Lab File: BF112933.D
Acq: 7 Mar 2019 20:39

Instrument :
BNA_F
ClientSampleId :
Z2-12

Tgt Ion:172 Resp: 1734246

Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.0	43.4
170	24.7	20.0	30.0

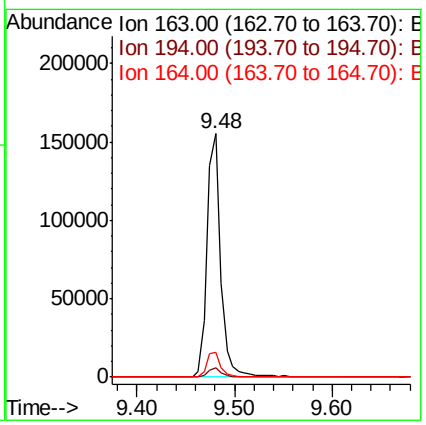


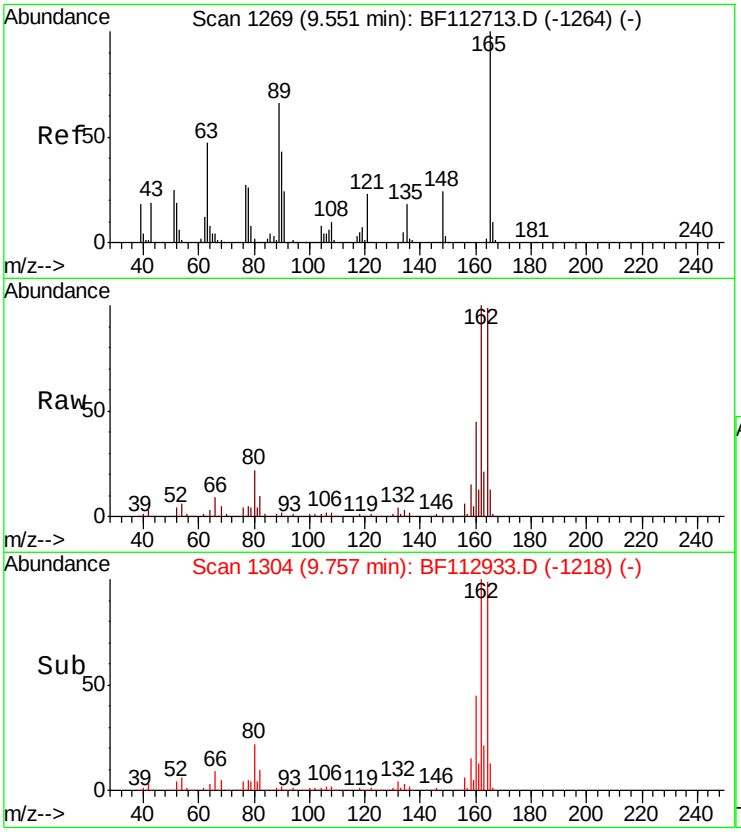


#50
Dimethylphthalate
Concen: 5.267 ng
RT: 9.48 min Scan# 1257
Delta R.T. -0.02 min
Lab File: BF112933.D
Acq: 7 Mar 2019 20:39

Tgt Ion:163 Resp: 152131

Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.0	4.4
164	10.4	8.4	12.6



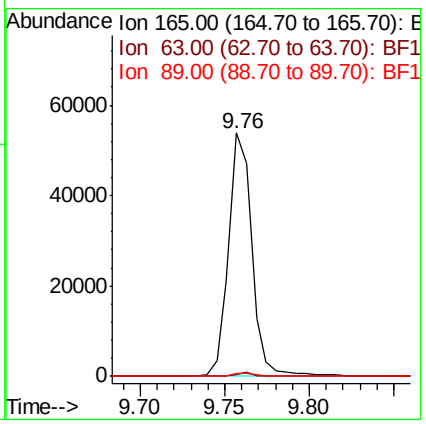


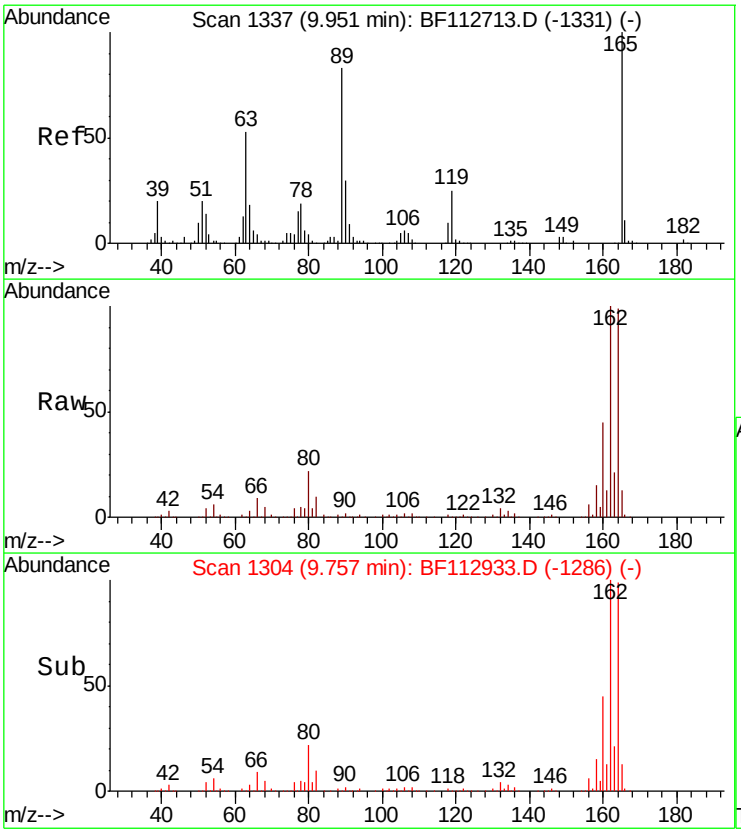
#51
2,6-Dinitrotoluene
Concen: 8.583 ng
RT: 9.76 min Scan# 1304
Delta R.T. 0.21 min
Lab File: BF112933.D
Acq: 7 Mar 2019 20:39

Instrument :
BNA_F
ClientSampleId :
Z2-12

Tgt Ion:165 Resp: 51622

Ion	Ratio	Lower	Upper
165	100		
63	0.7	54.1	81.1#
89	1.0	52.8	79.2#

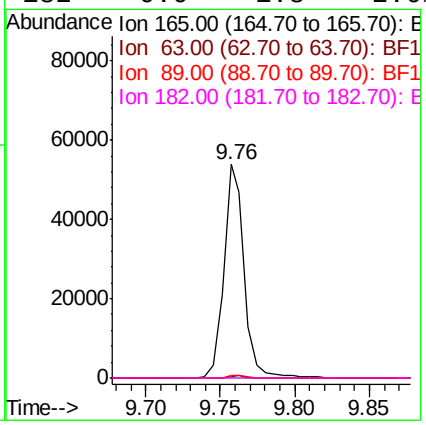


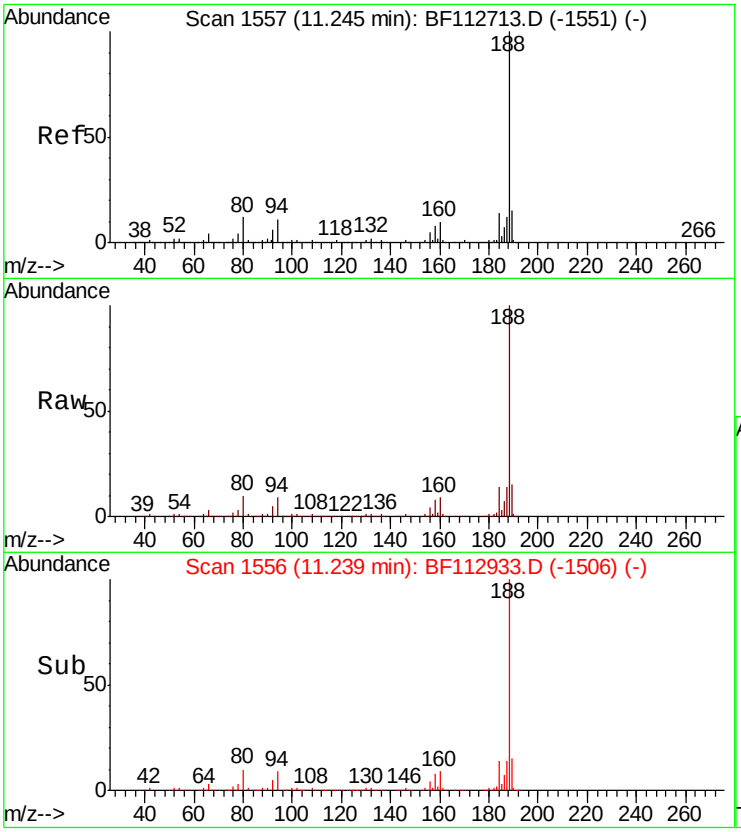


#57
2,4-Dinitrotoluene
Concen: 6.905 ng
RT: 9.76 min Scan# 1304
Delta R.T. -0.19 min
Lab File: BF112933.D
Acq: 7 Mar 2019 20:39

Tgt Ion:165 Resp: 51623

Ion	Ratio	Lower	Upper
165	100		
63	0.7	42.2	63.2#
89	1.0	66.2	99.4#
182	0.0	1.8	2.6#



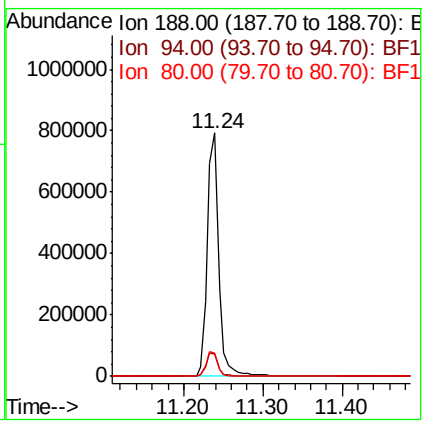


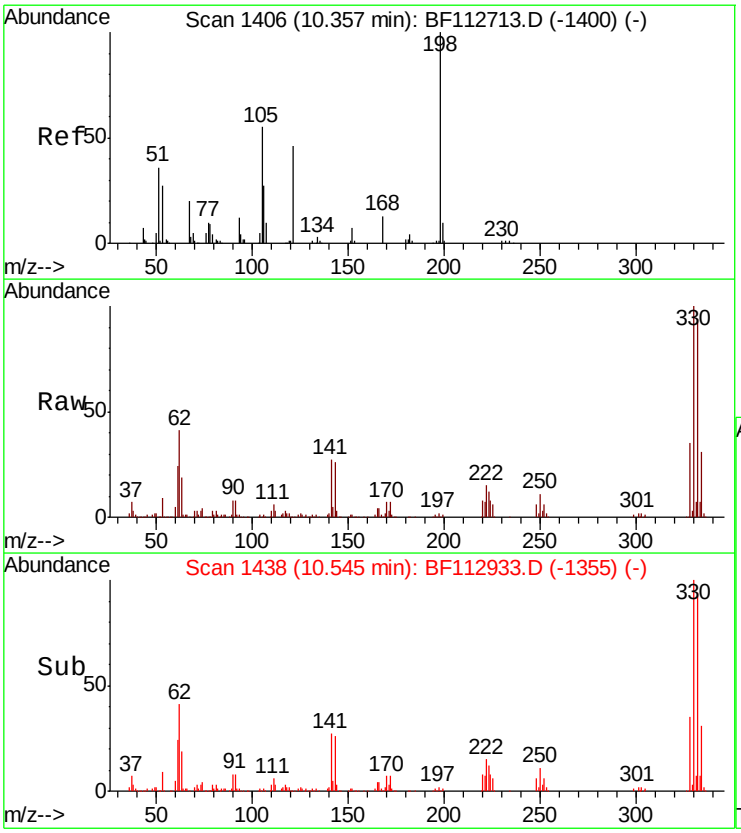
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1556
Delta R.T. -0.01 min
Lab File: BF112933.D
Acq: 7 Mar 2019 20:39

Instrument :
BNA_F
ClientSampleId :
Z2-12

Tgt Ion:188 Resp: 794171

Ion	Ratio	Lower	Upper
188	100		
94	9.3	9.0	13.4
80	9.6	9.2	13.8

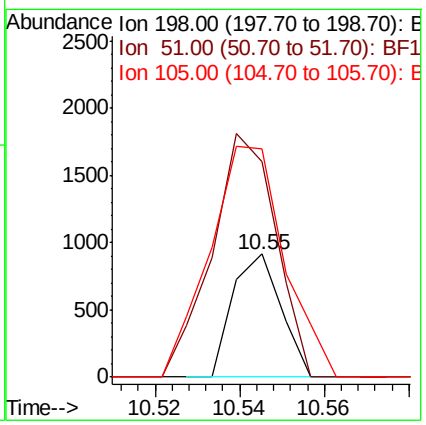


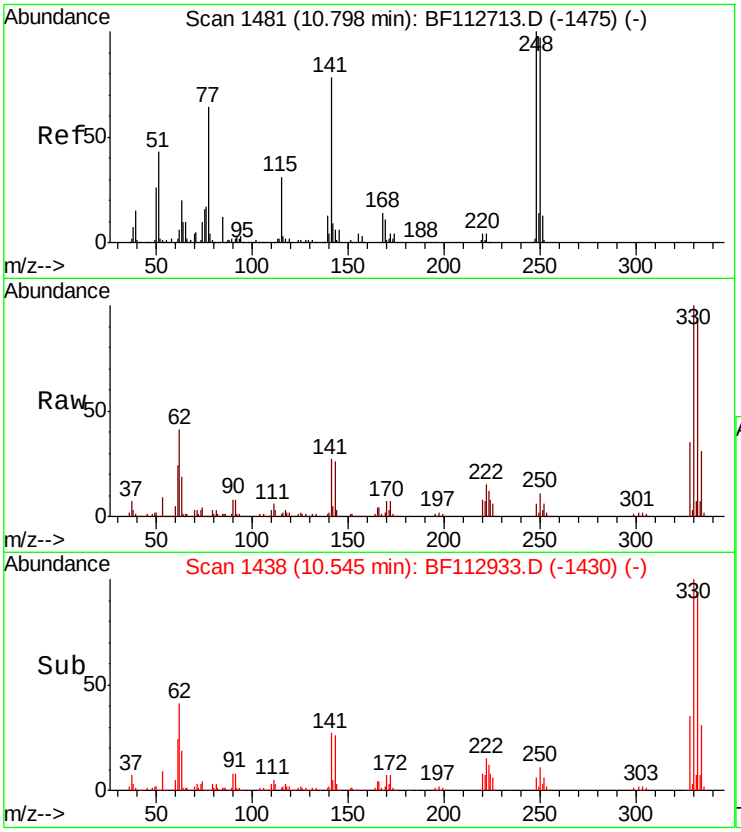


#65
4,6-Dinitro-2-methylphenol
Concen: 4.813 ng
RT: 10.55 min Scan# 1438
Delta R.T. 0.19 min
Lab File: BF112933.D
Acq: 7 Mar 2019 20:39

Tgt Ion:198 Resp: 724

Ion	Ratio	Lower	Upper
198	100		
51	175.1	43.8	83.8#
105	185.4	36.5	76.5#



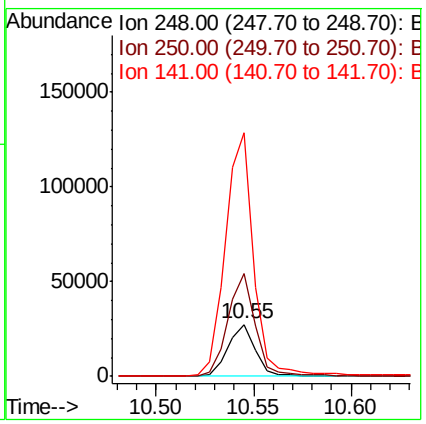


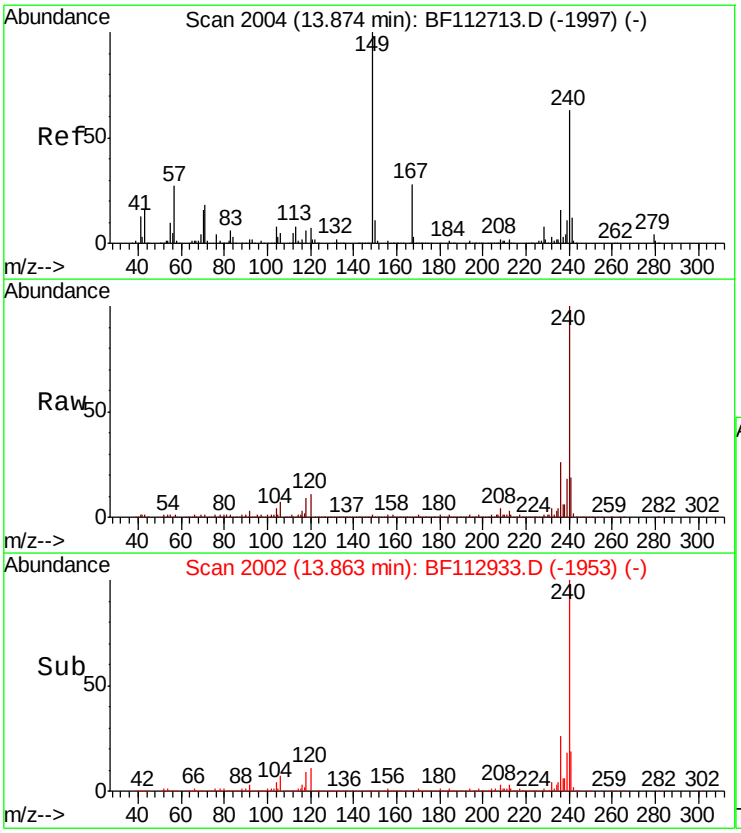
#67
4-Bromophenyl-phenylether
Concen: 3.161 ng
RT: 10.55 min Scan# 1438
Delta R.T. -0.25 min
Lab File: BF112933.D
Acq: 7 Mar 2019 20:39

Instrument :
BNA_F
ClientSampleId :
Z2-12

Tgt Ion:248 Resp: 26441

Ion	Ratio	Lower	Upper
248	100		
250	198.0	77.5	116.3#
141	467.8	62.4	93.6#

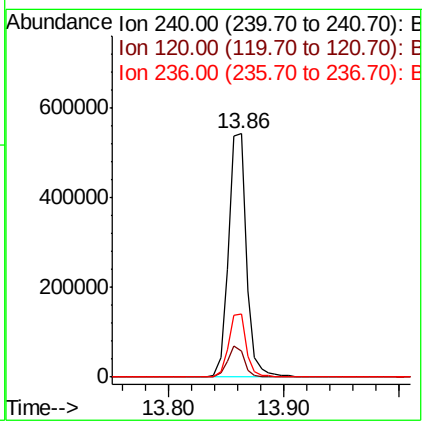


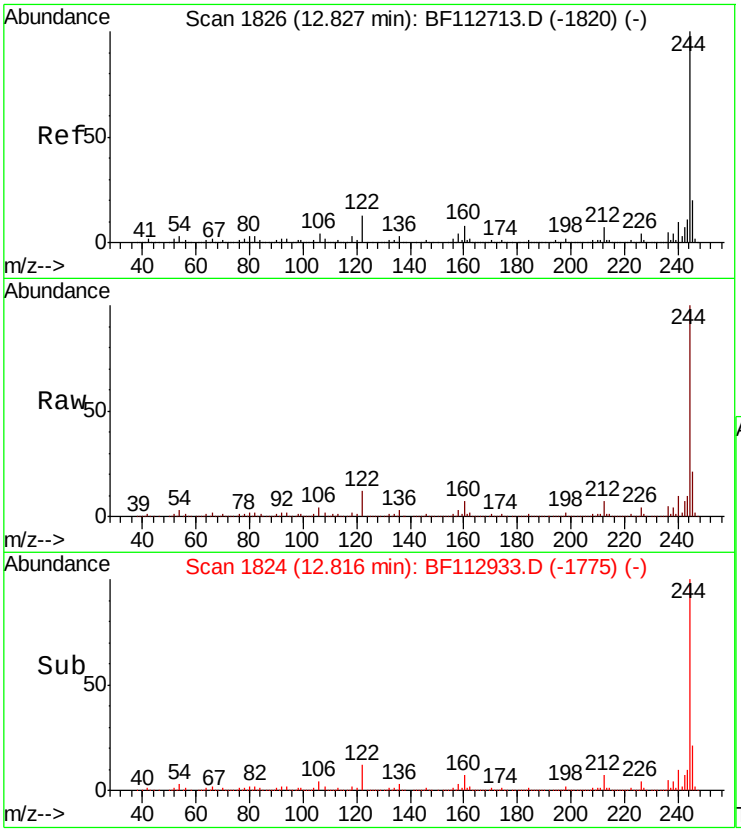


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.86 min Scan# 2002
Delta R.T. -0.01 min
Lab File: BF112933.D
Acq: 7 Mar 2019 20:39

Tgt Ion:240 Resp: 583959

Ion	Ratio	Lower	Upper
240	100		
120	10.8	8.9	13.3
236	26.2	20.7	31.1



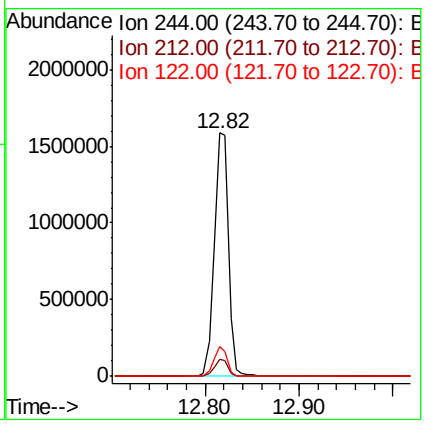


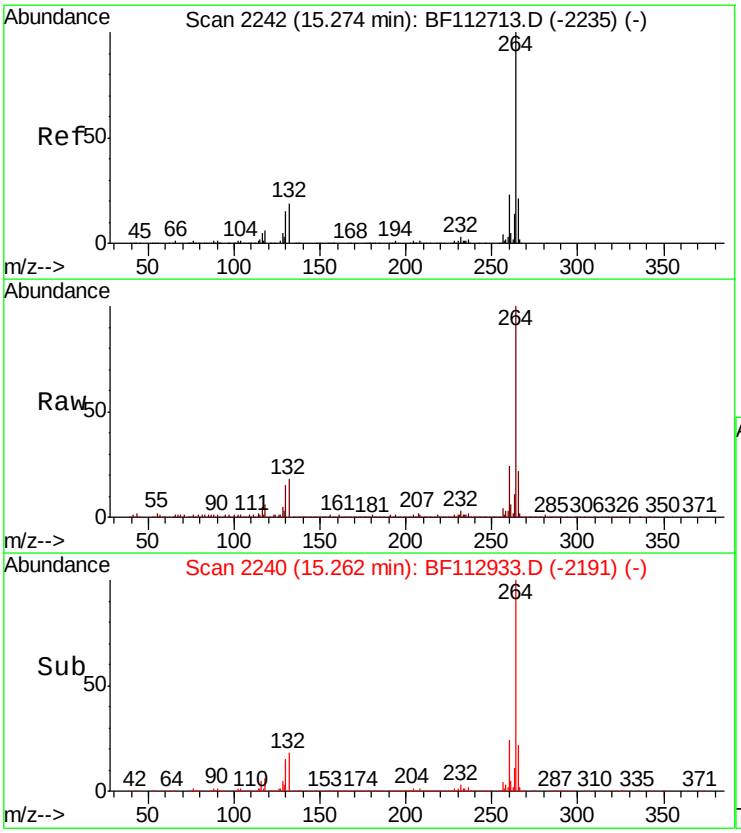
#79
Terphenyl-d14
Concen: 56.165 ng
RT: 12.82 min Scan# 1824
Delta R.T. -0.01 min
Lab File: BF112933.D
Acq: 7 Mar 2019 20:39

Instrument :
BNA_F
ClientSampleId :
Z2-12

Tgt Ion:244 Resp: 1691931

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.6	8.4
122	12.4	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: BF112933.D
Acq: 7 Mar 2019 20:39

Tgt Ion:264 Resp: 595063

Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.7	28.1
265	21.7	17.2	25.8