Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF031119\
Data File : BF112963.D
Acq On : 11 Mar 2019 19:10
Operator : JU/SJ
Sample : K1689-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NB-07-030819

Quant Time: Mar 12 04:41:06 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	140446	20.00	ng	-0.01
21) Naphthalene-d8	8.01	136	569468	20.00	ng	-0.01
39) Acenaphthene-d10	9.76	164	290892	20.00	ng	0.00
64) Phenanthrene-d10	11.24	188	684492	20.00	ng	0.00
76) Chrysene-d12	13.86	240	613161	20.00	ng	-0.01
87) Perylene-d12	15.27	264	502184	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	878541	97.30	ng	0.00
7) Phenol-d6	6.36	99	997100	87.92	ng	0.00
23) Nitrobenzene-d5	7.29	82	811083	85.23	ng	-0.02
42) 2,4,6-Tribromophenol	10.55	330	483312	156.50	ng	-0.01
45) 2-Fluorobiphenyl	9.09	172	1579984	91.98	ng	-0.01
79) Terphenyl-d14	12.82	244	2191090	69.27	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	7.29	70	104626	14.566	ng	# 76
25) Isophorone	7.29	82	804306	39.229	ng	# 66
50) Dimethylphthalate	9.76	163	72341	3.373	ng	# 1
51) 2,6-Dinitrotoluene	9.76	165	36749	8.228	ng	# 18
57) 2,4-Dinitrotoluene	9.76	165	36743	6.618	ng	# 18
65) 4,6-Dinitro-2-methylphenol	10.55	198	741	4.851	ng	# 1
67) 4-Bromophenyl-phenylether	10.55	248	26923	3.734	ng	# 1

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

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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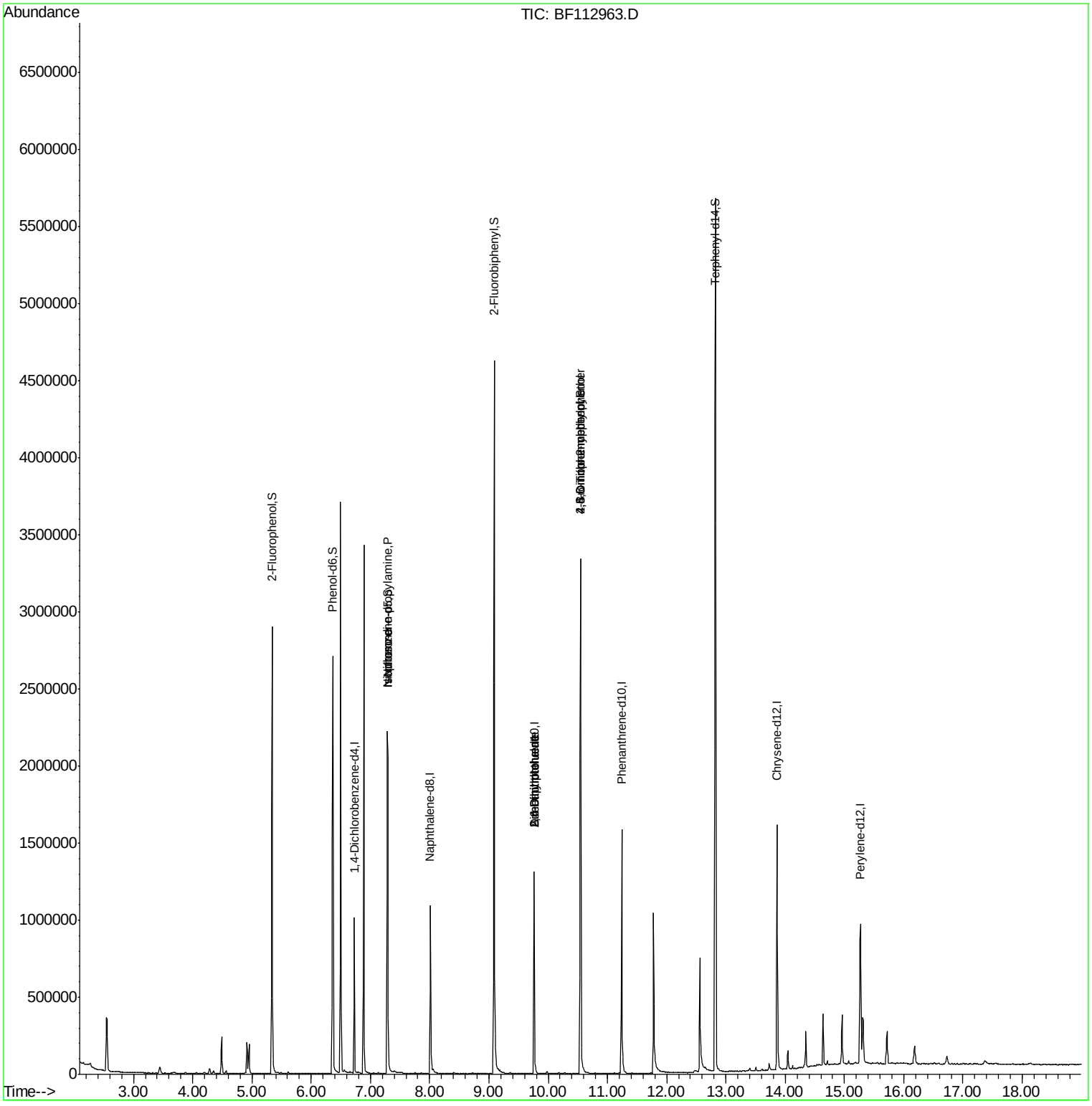
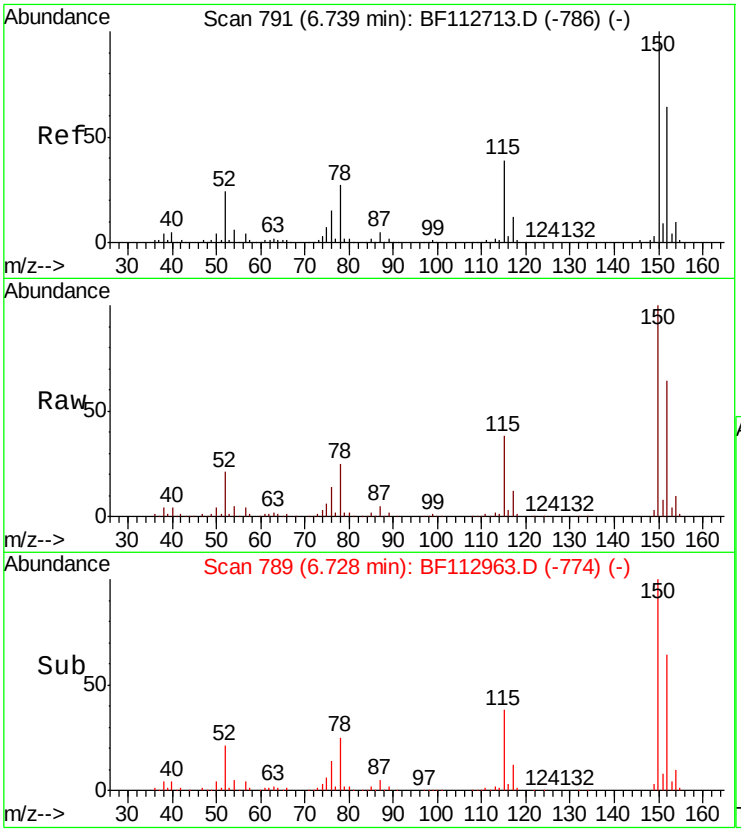


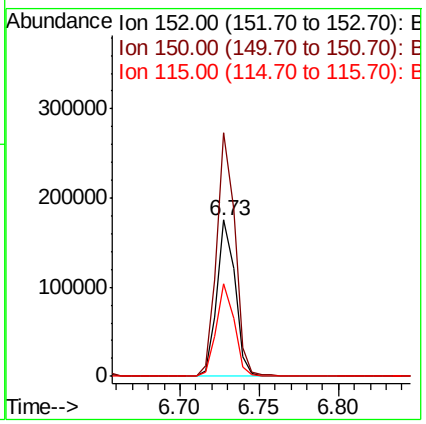


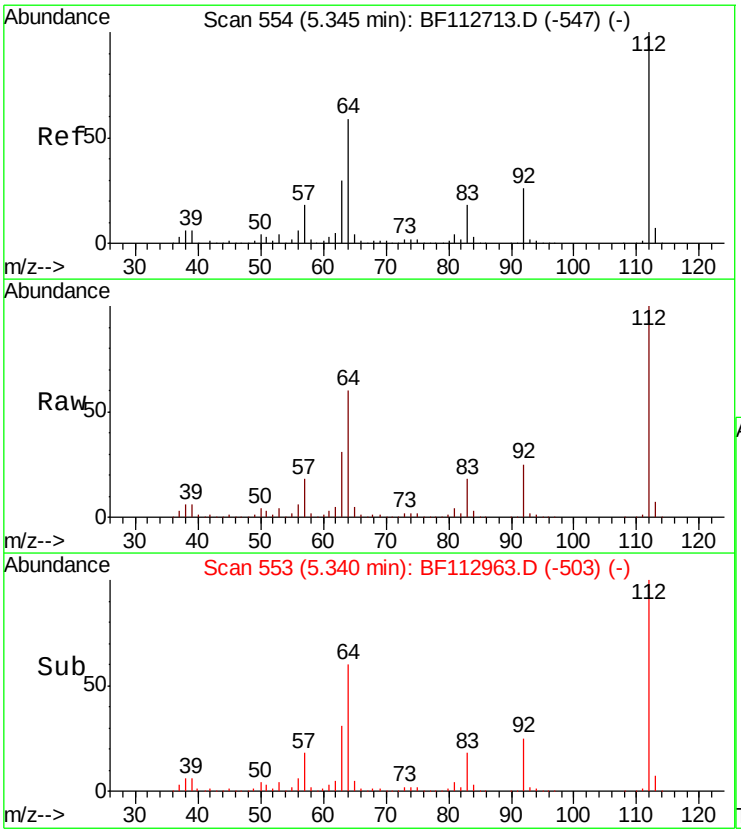
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 789
Delta R.T. -0.01 min
Lab File: BF112963.D
Acq: 11 Mar 2019 19:10

Instrument :
BNA_F
ClientSampleId :
NB-07-030819

Tgt Ion:152 Resp: 140446

Ion	Ratio	Lower	Upper
152	100		
150	156.1	124.2	186.2
115	59.4	48.2	72.4

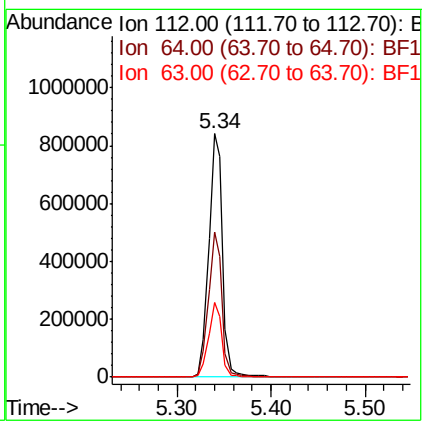


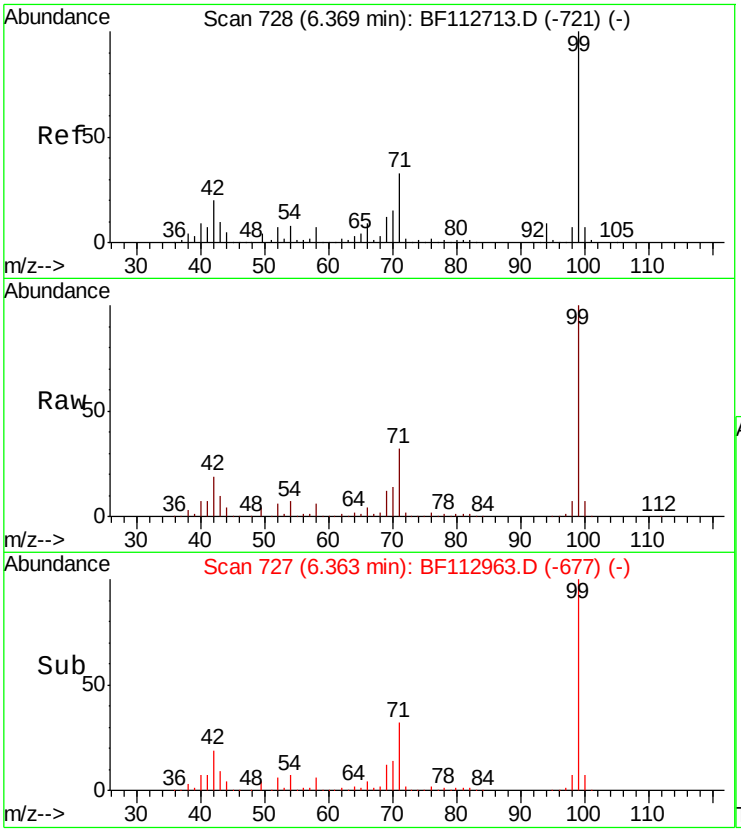


#5
2-Fluorophenol
Concen: 97.305 ng
RT: 5.34 min Scan# 553
Delta R.T. -0.01 min
Lab File: BF112963.D
Acq: 11 Mar 2019 19:10

Tgt Ion:112 Resp: 878541

Ion	Ratio	Lower	Upper
112	100		
64	59.7	47.6	71.4
63	30.8	24.4	36.6



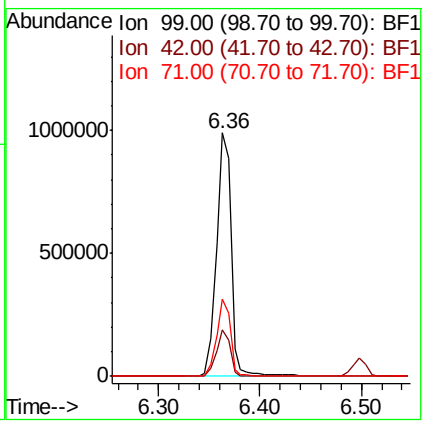


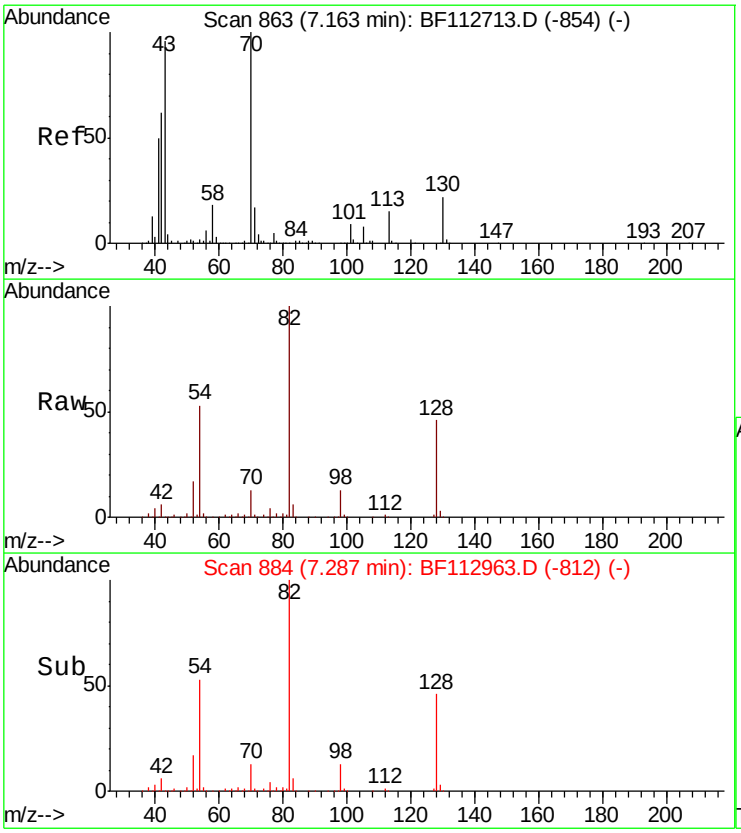
#7
Phenol-d6
Concen: 87.915 ng
RT: 6.36 min Scan# 727
Delta R.T. -0.01 min
Lab File: BF112963.D
Acq: 11 Mar 2019 19:10

Instrument :
BNA_F
ClientSampleId :
NB-07-030819

Tgt Ion: 99 Resp: 997100

Ion	Ratio	Lower	Upper
99	100		
42	19.0	16.3	24.5
71	31.9	26.2	39.4

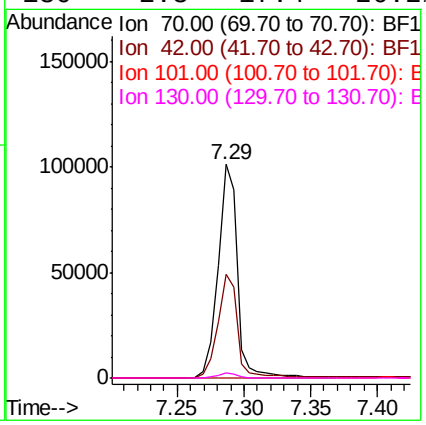


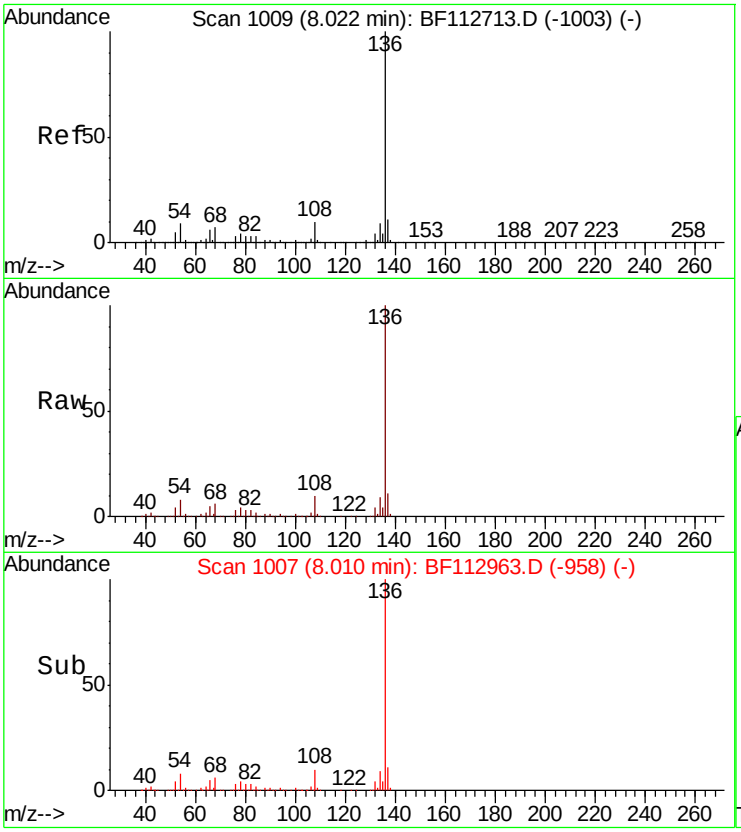


#19
n-Nitroso-di-n-propylamine
Concen: 14.566 ng
RT: 7.29 min Scan# 884
Delta R.T. 0.12 min
Lab File: BF112963.D
Acq: 11 Mar 2019 19:10

Tgt Ion: 70 Resp: 104626

Ion	Ratio	Lower	Upper
70	100		
42	48.5	49.9	74.9#
101	0.0	7.4	11.2#
130	2.3	17.4	26.2#



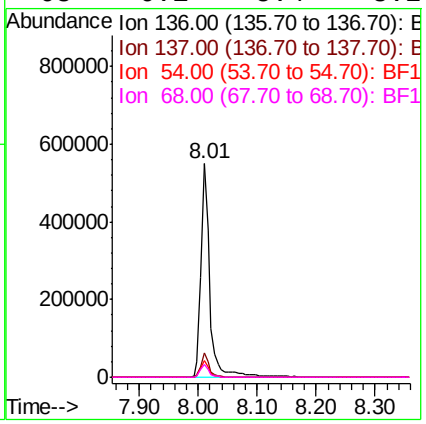


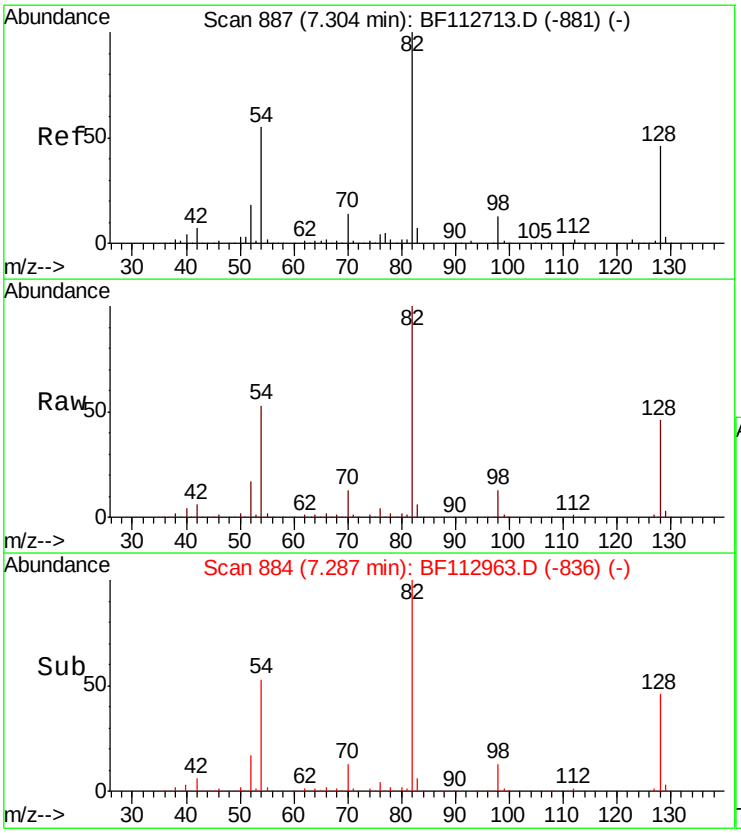
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.01 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BF112963.D
Acq: 11 Mar 2019 19:10

Instrument :
BNA_F
ClientSampleId :
NB-07-030819

Tgt Ion:136 Resp: 569468

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.9	13.3
54	8.0	7.3	10.9
68	6.1	5.4	8.2

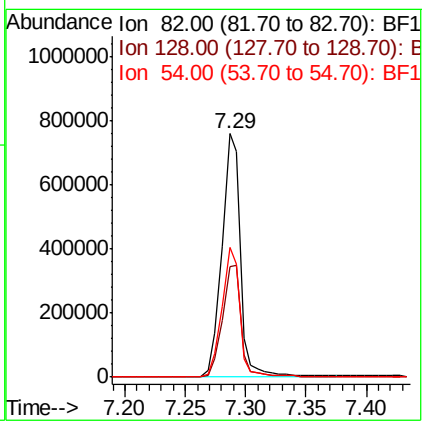


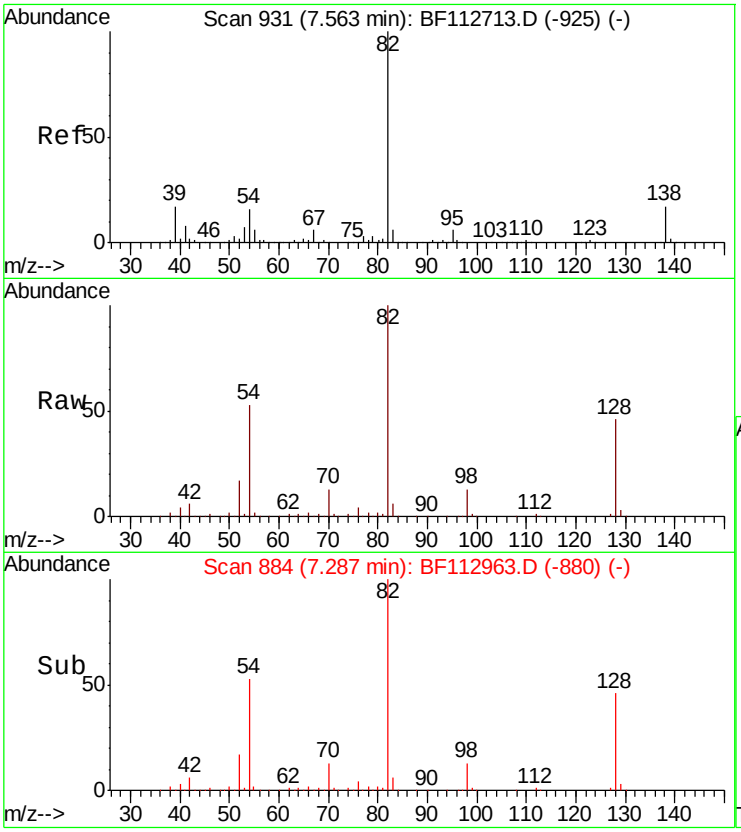


#23
Nitrobenzene-d5
Concen: 85.226 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.02 min
Lab File: BF112963.D
Acq: 11 Mar 2019 19:10

Tgt Ion: 82 Resp: 811083

Ion	Ratio	Lower	Upper
82	100		
128	45.5	36.3	54.5
54	53.4	43.7	65.5



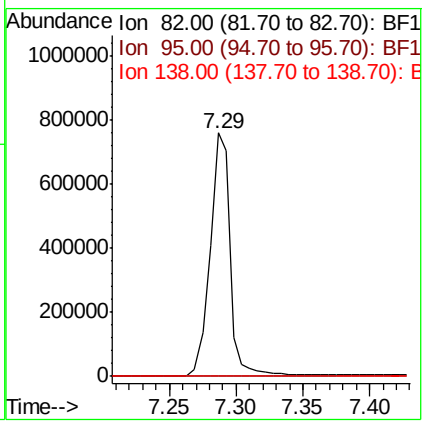


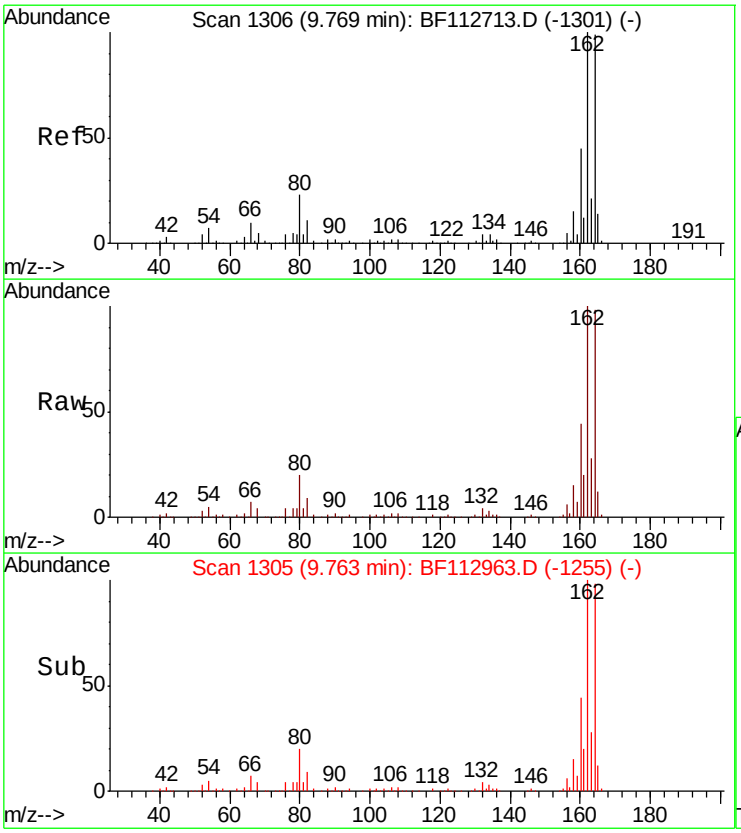
#25
Isophorone
Concen: 39.229 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.28 min
Lab File: BF112963.D
Acq: 11 Mar 2019 19:10

Instrument :
BNA_F
ClientSampleId :
NB-07-030819

Tgt Ion: 82 Resp: 804306

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

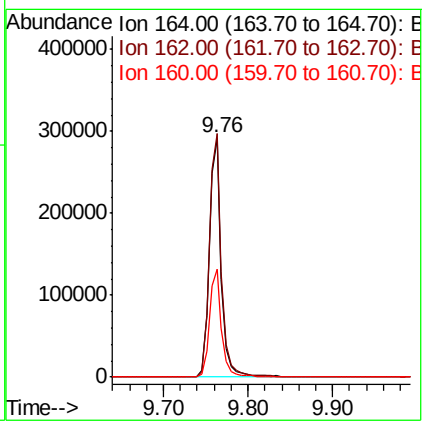


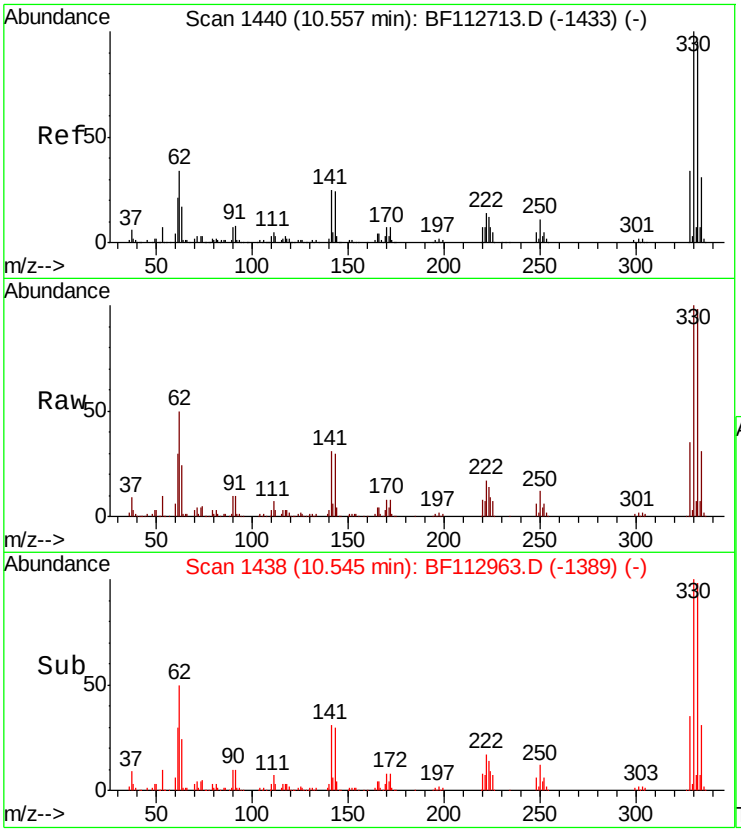


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.76 min Scan# 1305
Delta R.T. -0.01 min
Lab File: BF112963.D
Acq: 11 Mar 2019 19:10

Tgt Ion:164 Resp: 290892

Ion	Ratio	Lower	Upper
164	100		
162	101.9	80.6	120.8
160	44.9	36.0	54.0



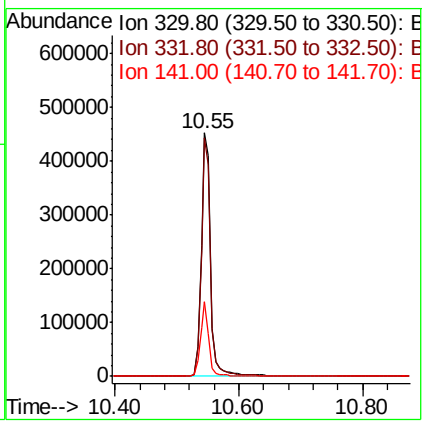


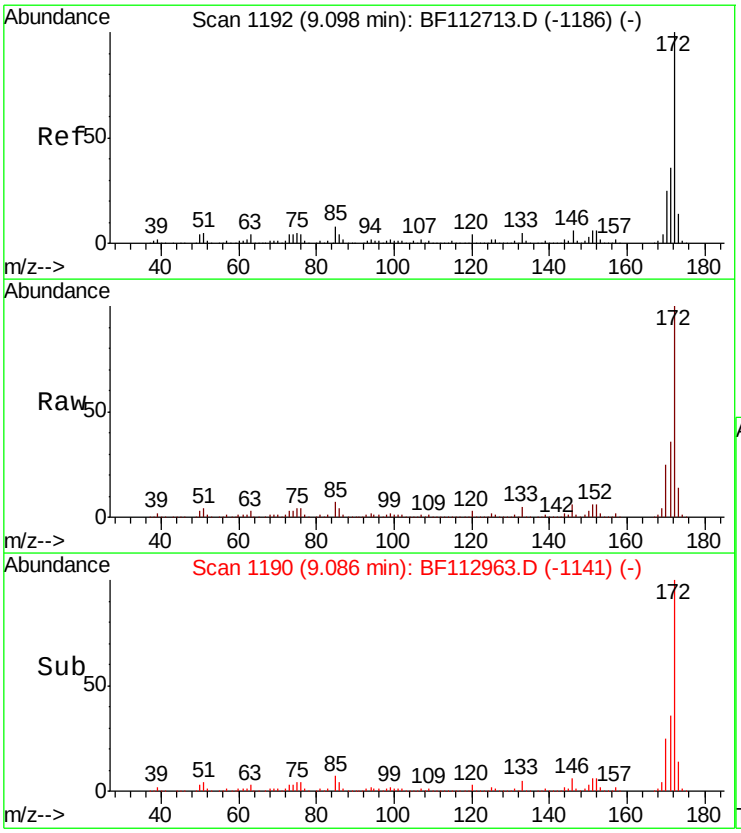
#42
2,4,6-Tribromophenol
Concen: 156.504 ng
RT: 10.55 min Scan# 1438
Delta R.T. -0.01 min
Lab File: BF112963.D
Acq: 11 Mar 2019 19:10

Instrument :
BNA_F
ClientSampleId :
NB-07-030819

Tgt Ion:330 Resp: 483312

Ion	Ratio	Lower	Upper
330	100		
332	95.9	76.2	114.4
141	28.1	27.0	40.6

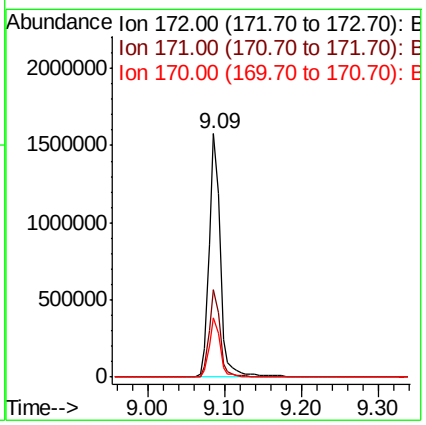


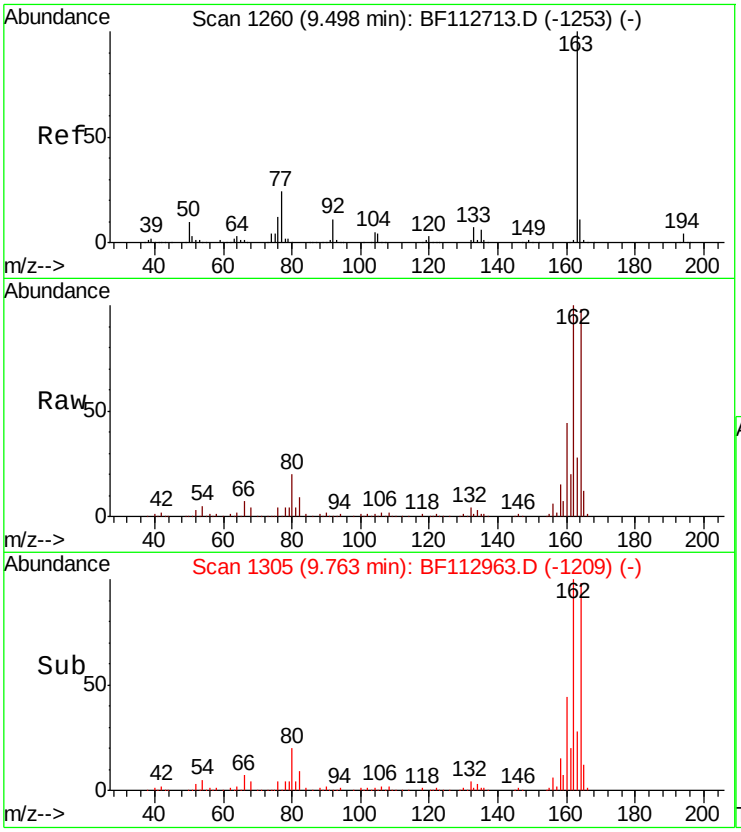


#45
2-Fluorobiphenyl
Concen: 91.984 ng
RT: 9.09 min Scan# 1190
Delta R.T. -0.01 min
Lab File: BF112963.D
Acq: 11 Mar 2019 19:10

Tgt Ion:172 Resp: 1579984

Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.0	43.4
170	24.6	20.0	30.0



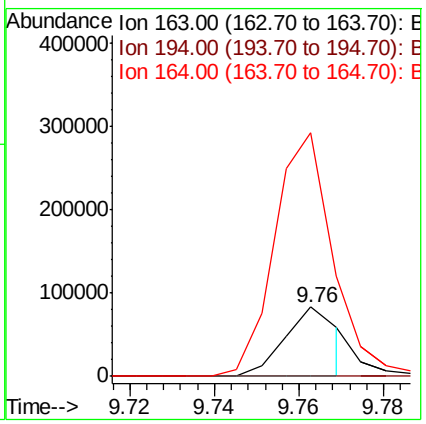


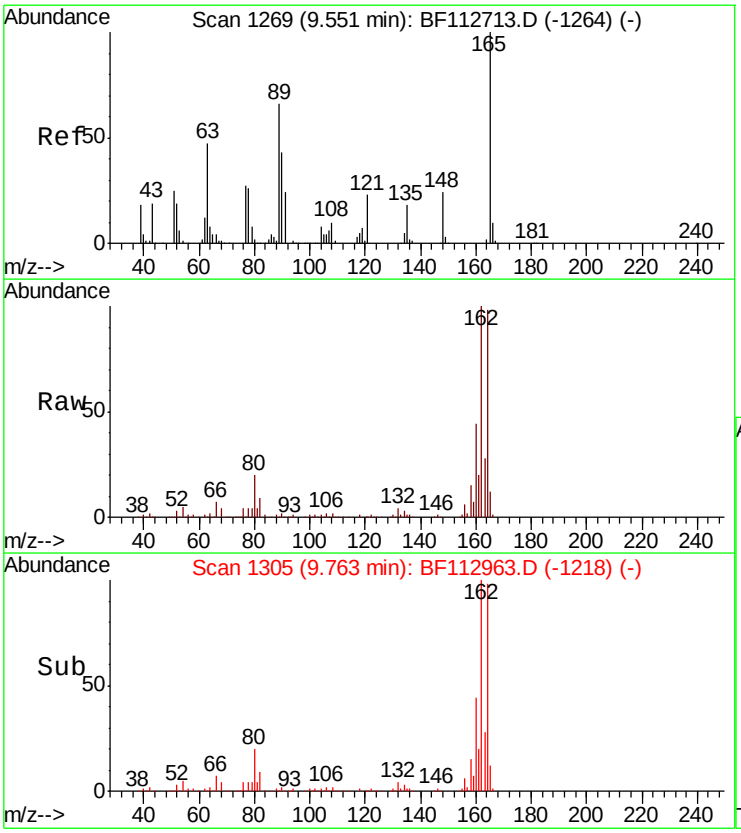
#50
Dimethylphthalate
Concen: 3.373 ng
RT: 9.76 min Scan# 1305
Delta R.T. 0.26 min
Lab File: BF112963.D
Acq: 11 Mar 2019 19:10

Instrument :
BNA_F
ClientSampleId :
NB-07-030819

Tgt Ion:163 Resp: 72341

Ion	Ratio	Lower	Upper
163	100		
194	0.0	3.0	4.4#
164	350.4	8.4	12.6#

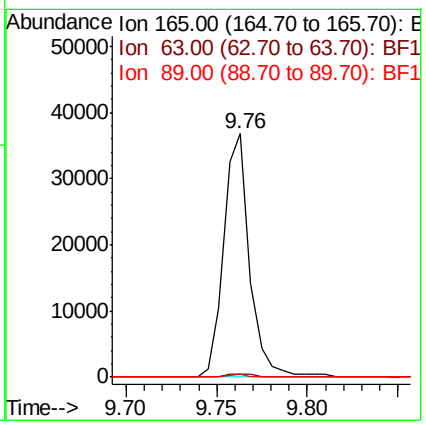


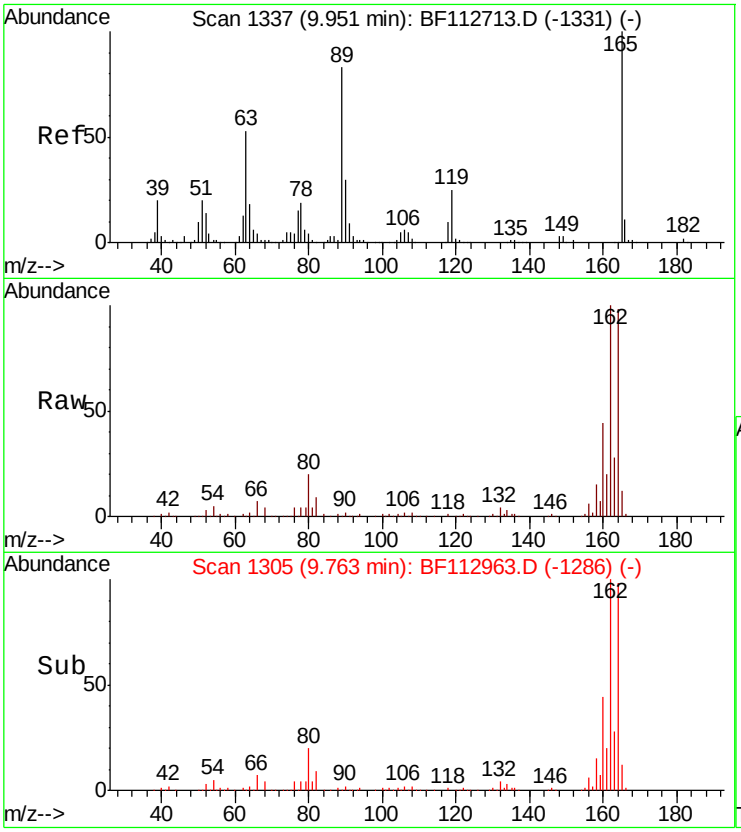


#51
2,6-Dinitrotoluene
Concen: 8.228 ng
RT: 9.76 min Scan# 1305
Delta R.T. 0.21 min
Lab File: BF112963.D
Acq: 11 Mar 2019 19:10

Tgt Ion:165 Resp: 36749

Ion	Ratio	Lower	Upper
165	100		
63	1.4	54.1	81.1#
89	1.5	52.8	79.2#



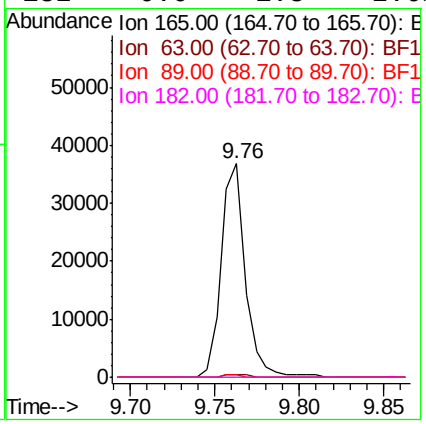


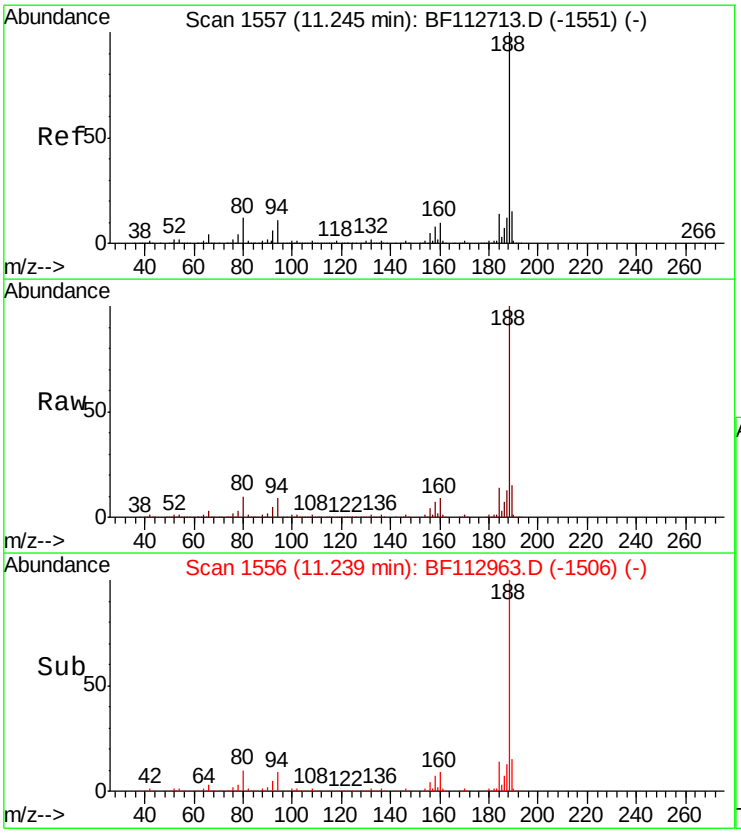
#57
2,4-Dinitrotoluene
Concen: 6.618 ng
RT: 9.76 min Scan# 1305
Delta R.T. -0.19 min
Lab File: BF112963.D
Acq: 11 Mar 2019 19:10

Instrument :
BNA_F
ClientSampleId :
NB-07-030819

Tgt Ion:165 Resp: 36743

Ion	Ratio	Lower	Upper
165	100		
63	1.4	42.2	63.2#
89	1.5	66.2	99.4#
182	0.0	1.8	2.6#

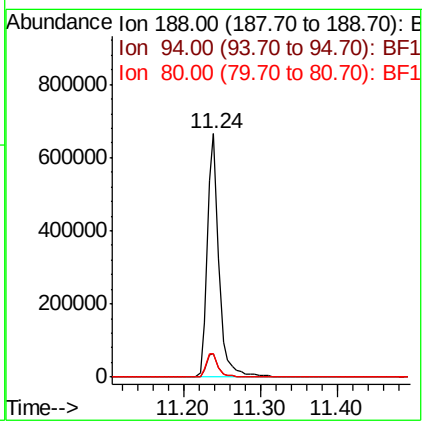


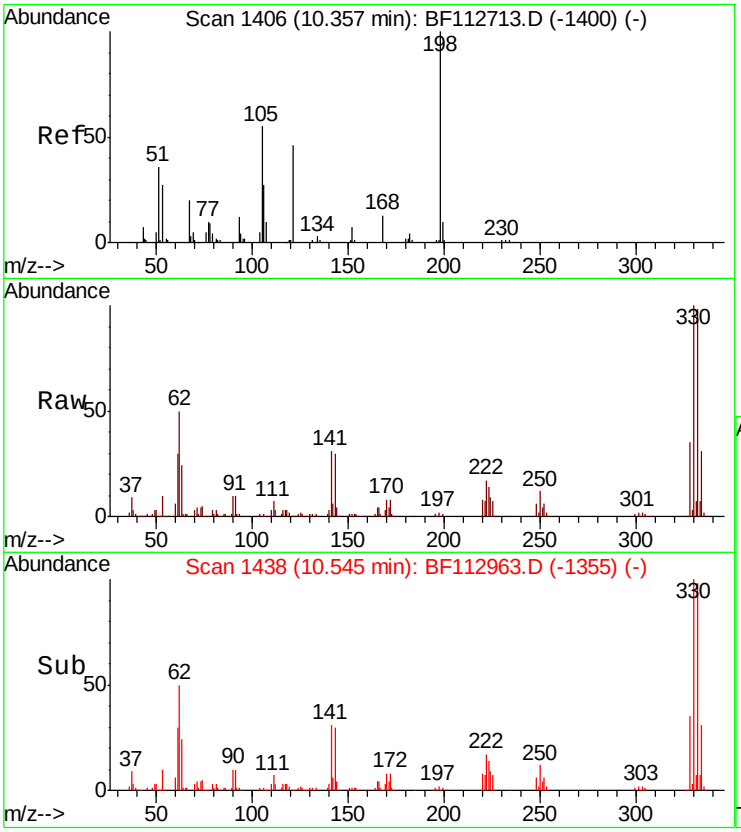


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1556
Delta R.T. -0.01 min
Lab File: BF112963.D
Acq: 11 Mar 2019 19:10

Tgt Ion:188 Resp: 684492

Ion	Ratio	Lower	Upper
188	100		
94	9.5	9.0	13.4
80	9.8	9.2	13.8



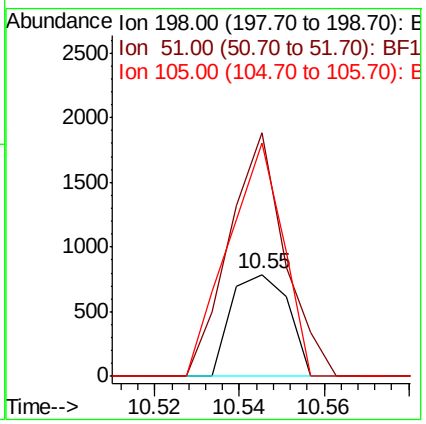


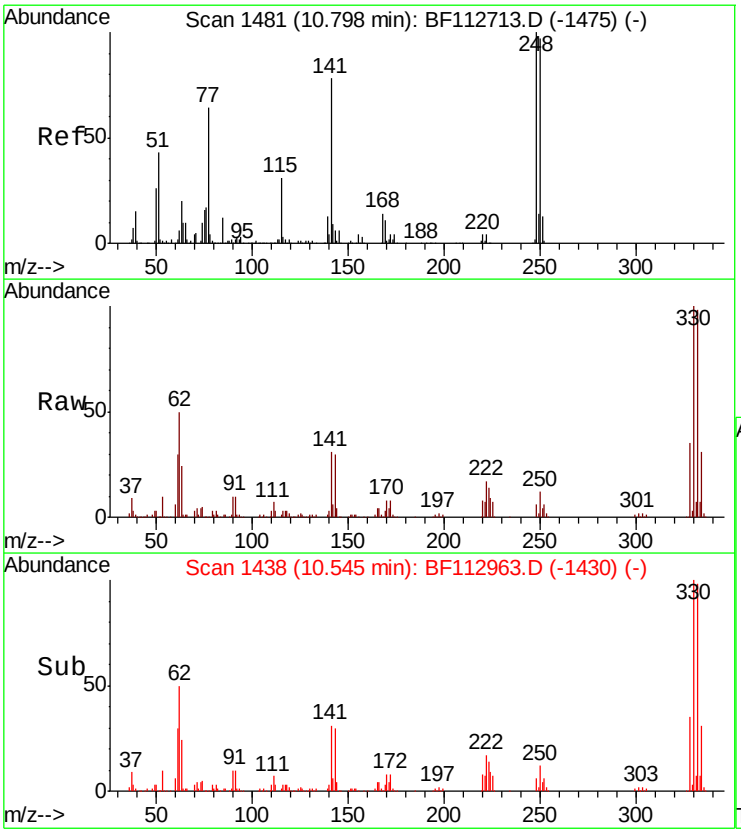
#65
4,6-Dinitro-2-methylphenol
Concen: 4.851 ng
RT: 10.55 min Scan# 1438
Delta R.T. 0.19 min
Lab File: BF112963.D
Acq: 11 Mar 2019 19:10

Instrument :
BNA_F
ClientSampleId :
NB-07-030819

Tgt Ion:198 Resp: 741

Ion	Ratio	Lower	Upper
198	100		
51	238.2	43.8	83.8#
105	228.1	36.5	76.5#

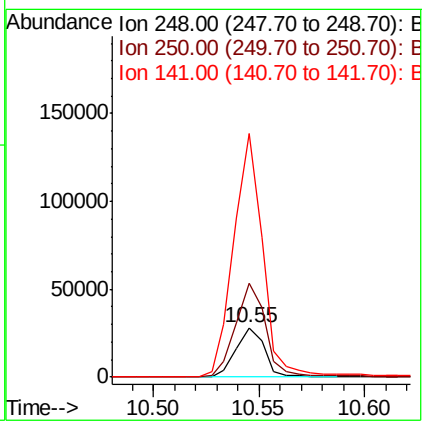


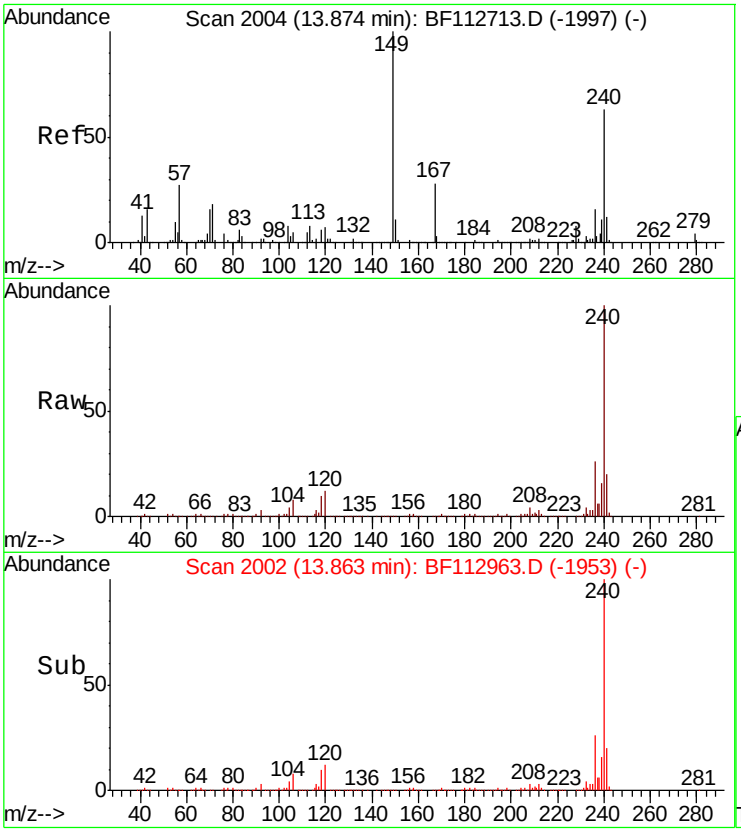


#67
4-Bromophenyl-phenylether
Concen: 3.734 ng
RT: 10.55 min Scan# 1438
Delta R.T. -0.25 min
Lab File: BF112963.D
Acq: 11 Mar 2019 19:10

Tgt Ion:248 Resp: 26923

Ion	Ratio	Lower	Upper
248	100		
250	189.5	77.5	116.3#
141	492.2	62.4	93.6#



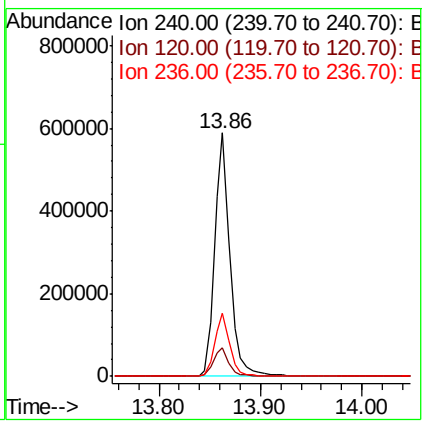


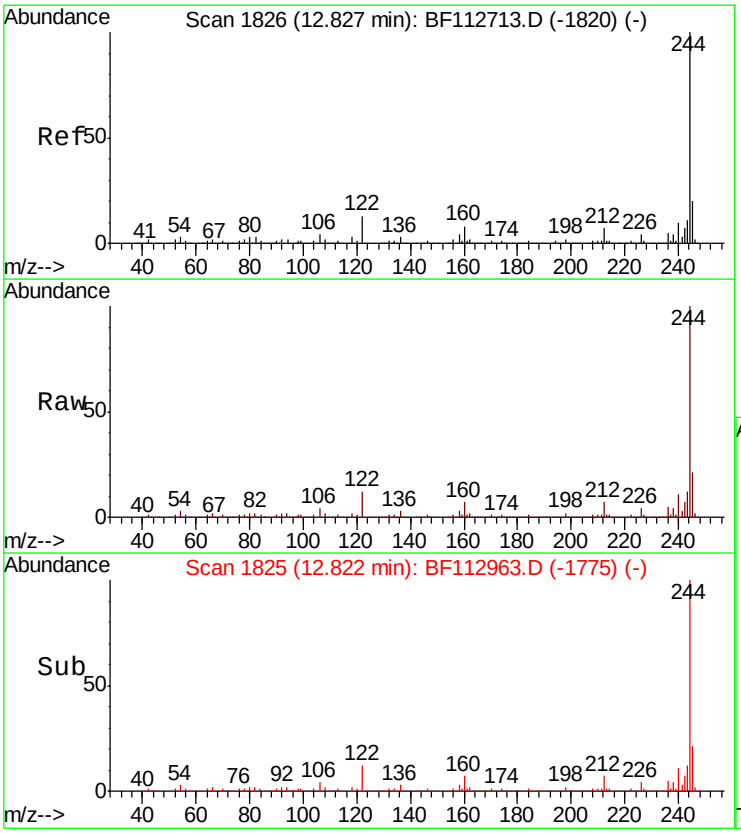
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.86 min Scan# 2002
Delta R.T. -0.01 min
Lab File: BF112963.D
Acq: 11 Mar 2019 19:10

Instrument :
BNA_F
ClientSampleId :
NB-07-030819

Tgt Ion:240 Resp: 613161

Ion	Ratio	Lower	Upper
240	100		
120	11.6	8.9	13.3
236	26.0	20.7	31.1

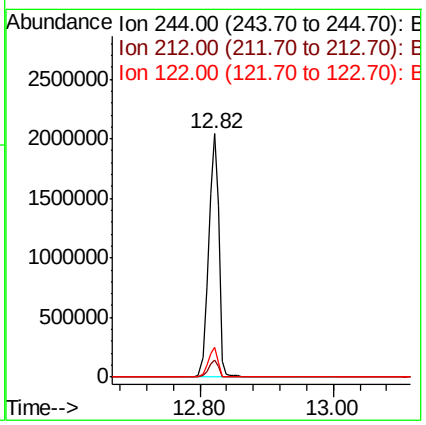


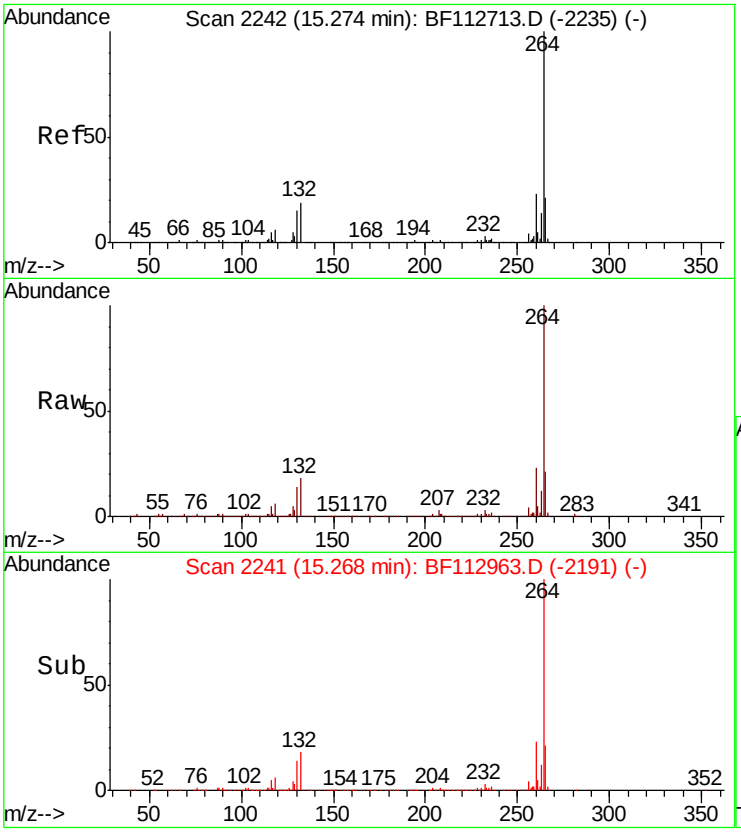


#79
Terphenyl-d14
Concen: 69.271 ng
RT: 12.82 min Scan# 1825
Delta R.T. -0.01 min
Lab File: BF112963.D
Acq: 11 Mar 2019 19:10

Tgt Ion:244 Resp: 2191090

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.6	8.4
122	12.0	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: BF112963.D
Acq: 11 Mar 2019 19:10

Instrument :
BNA_F
ClientSampleId :
NB-07-030819

Tgt Ion:264 Resp: 502184

Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.7	28.1
265	20.7	17.2	25.8