Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092320\
Data File : BF121675.D
Acq On : 23 Sep 2020 19:55
Operator : JU/CG
Sample : L4105-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MTB-SP

Quant Time: Sep 24 00:24:26 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 22 17:53:26 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	122986	20.00	ng		0.00
21) Naphthalene-d8	8.09	136	482291	20.00	ng		0.00
39) Acenaphthene-d10	9.85	164	250491	20.00	ng		0.00
64) Phenanthrene-d10	11.33	188	500785	20.00	ng		0.00
76) Chrysene-d12	13.97	240	491407	20.00	ng		-0.01
86) Perylene-d12	15.42	264	462109	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.44	112	825460	99.75	ng		0.01
7) Phenol-d6	6.45	99	901054	82.99	ng		0.00
23) Nitrobenzene-d5	7.37	82	845501	94.13	ng		0.00
42) 2,4,6-Tribromophenol	10.64	330	428918	137.77	ng		0.00
45) 2-Fluorobiphenyl	9.17	172	1440835	87.12	ng		0.00
79) Terphenyl-d14	12.92	244	1814446	74.80	ng		0.00
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.37	70	113486	18.137	ng	#	79
25) Isophorone	7.37	82	841678	46.548	ng	#	67
50) Dimethylphthalate	9.56	163	104616	5.762	ng		99
51) 2,6-Dinitrotoluene	9.85	165	31971	8.269	ng	#	23
57) 2,4-Dinitrotoluene	9.85	165	31971	6.573	ng	#	23
65) 4,6-Dinitro-2-methylphenol	10.63	198	688	7.044	ng	#	1
67) 4-Bromophenyl-phenylether	10.64	248	25003	4.385	ng	#	1

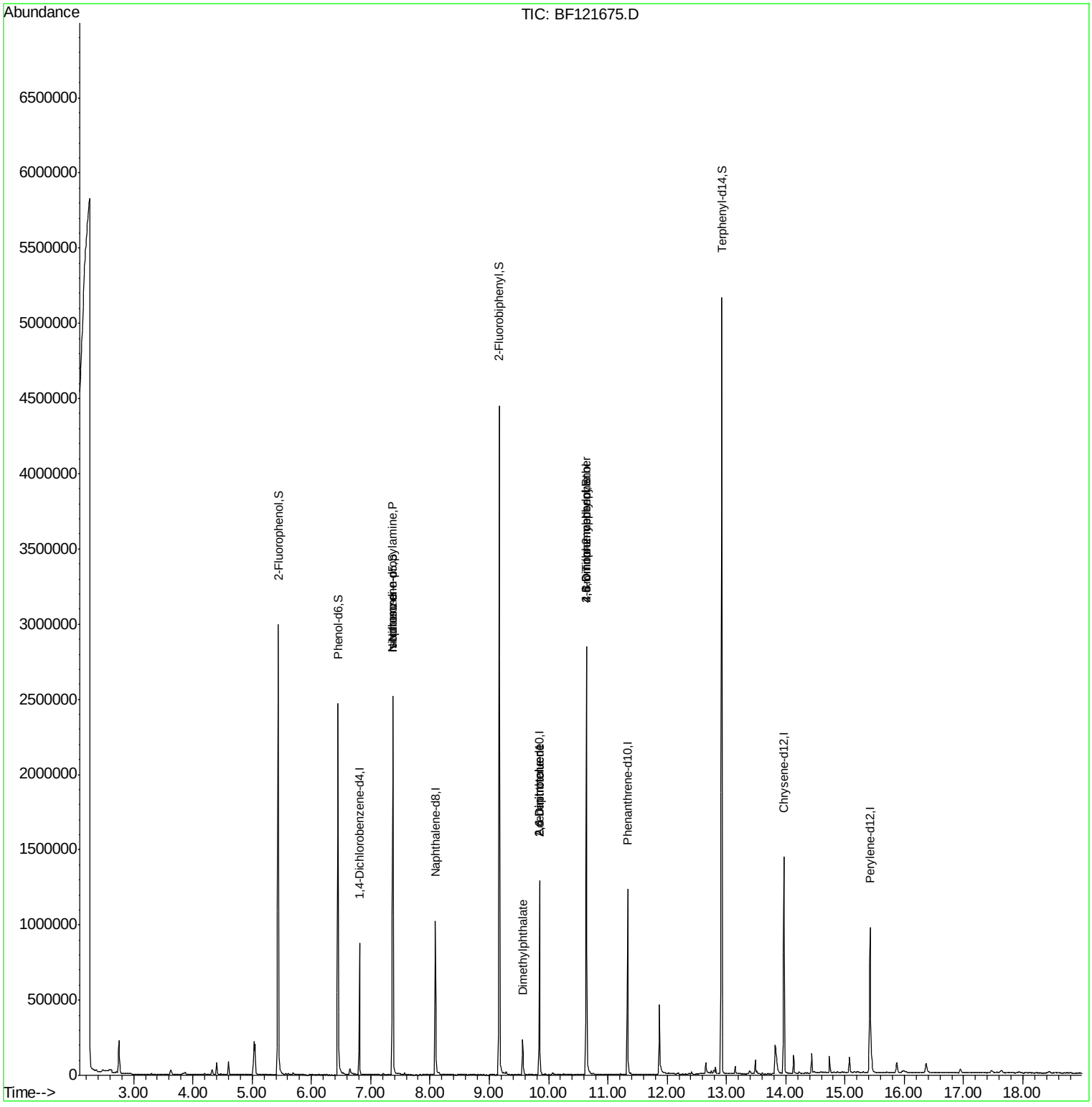
(#) = qualifier out of range (m) = manual integration (+) = signals summed

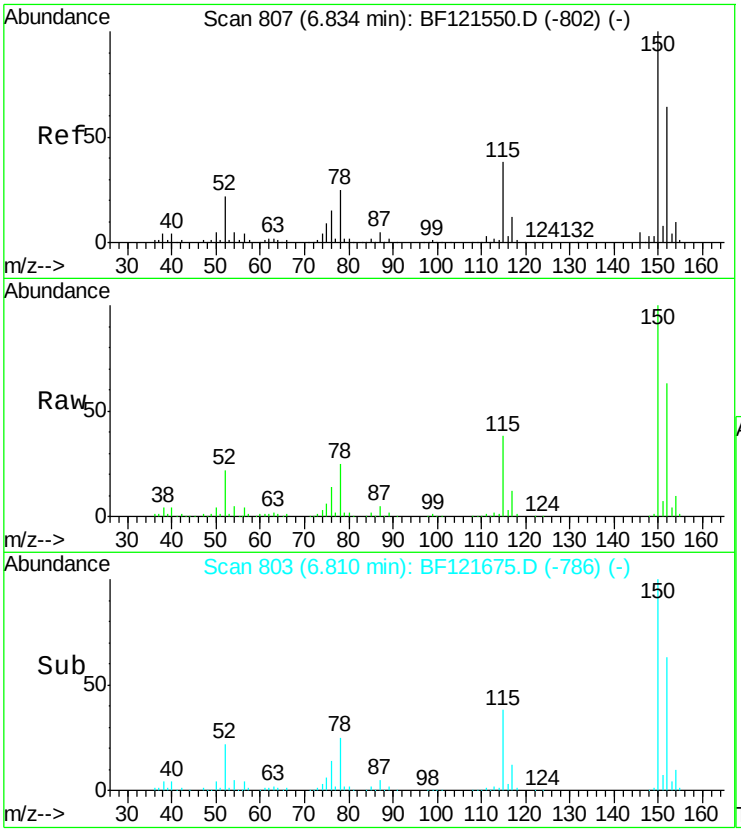
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092320\
Data File : BF121675.D
Acq On : 23 Sep 2020 19:55
Operator : JU/CG
Sample : L4105-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MTB-SP

Quant Time: Sep 24 00:24:26 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 22 17:53:26 2020
Response via : Initial Calibration



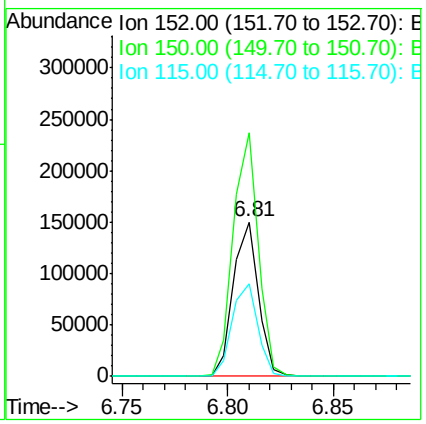


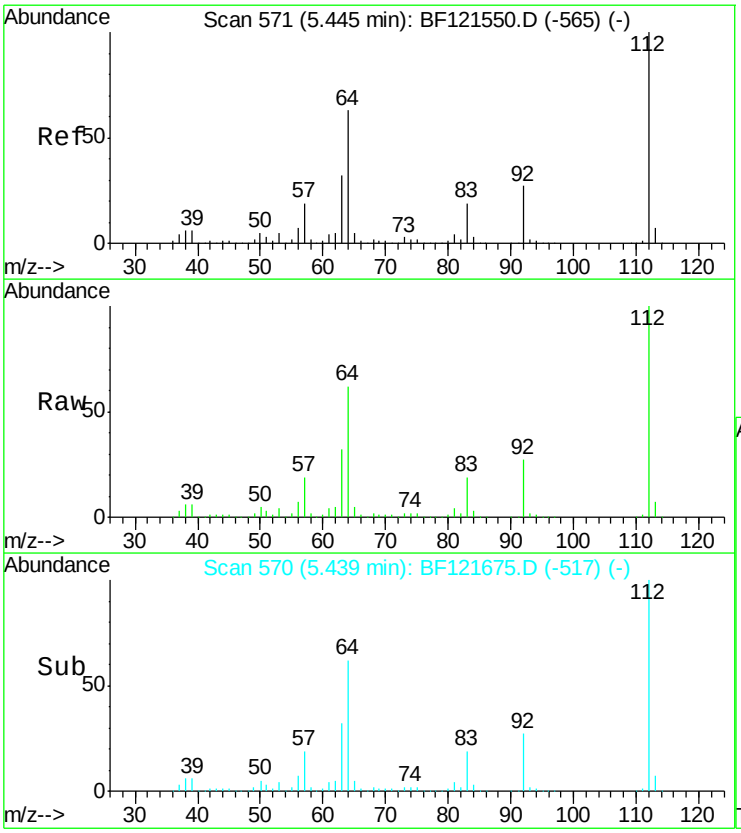
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. -0.00 min
Lab File: BF121675.D
Acq: 23 Sep 2020 19:55

Instrument :
BNA_F
ClientSampleId :
MTB-SP

Tgt Ion:152 Resp: 122986

Ion	Ratio	Lower	Upper
152	100		
150	157.5	128.1	192.1
115	59.8	52.6	79.0

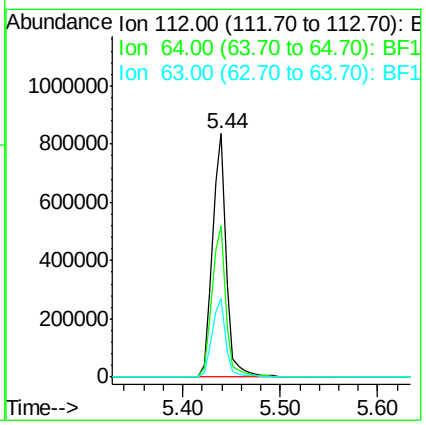


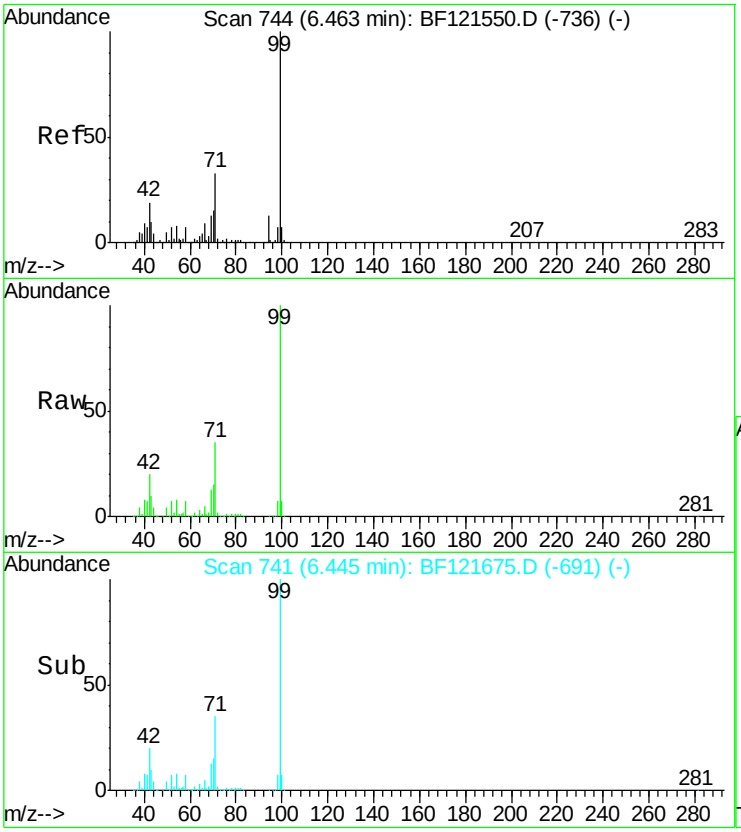


#5
2-Fluorophenol
Concen: 99.746 ng
RT: 5.44 min Scan# 570
Delta R.T. 0.01 min
Lab File: BF121675.D
Acq: 23 Sep 2020 19:55

Tgt Ion:112 Resp: 825460

Ion	Ratio	Lower	Upper
112	100		
64	62.3	52.2	78.2
63	32.1	26.6	39.8



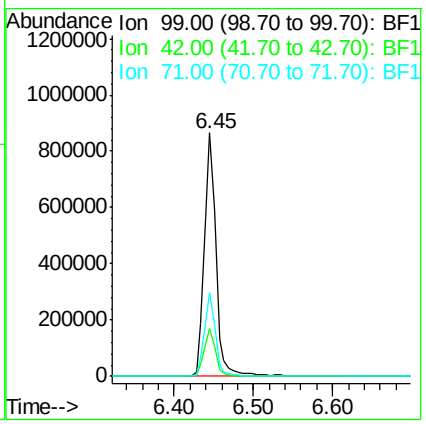


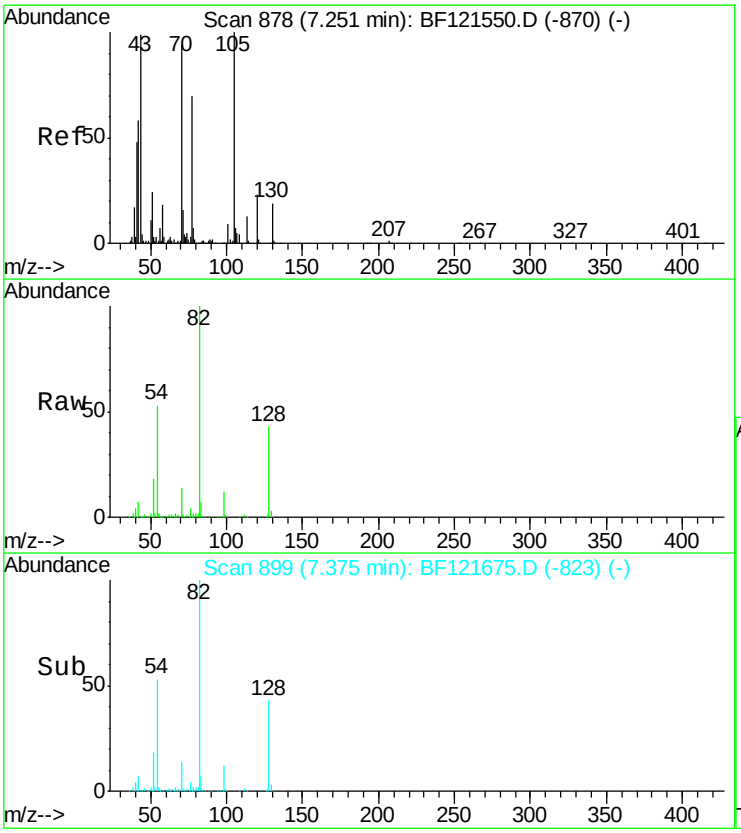
#7
Phenol-d6
Concen: 82.992 ng
RT: 6.45 min Scan# 741
Delta R.T. -0.01 min
Lab File: BF121675.D
Acq: 23 Sep 2020 19:55

Instrument :
BNA_F
ClientSampleId :
MTB-SP

Tgt Ion: 99 Resp: 901054

Ion	Ratio	Lower	Upper
99	100		
42	19.9	15.5	23.3
71	34.5	27.4	41.2

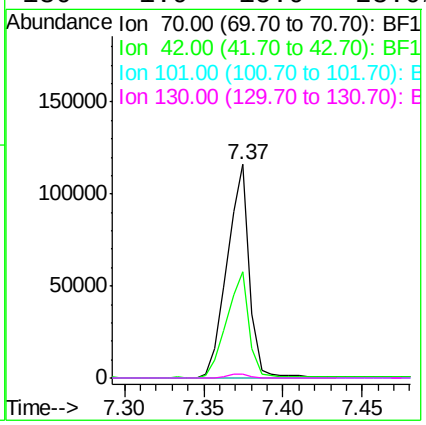


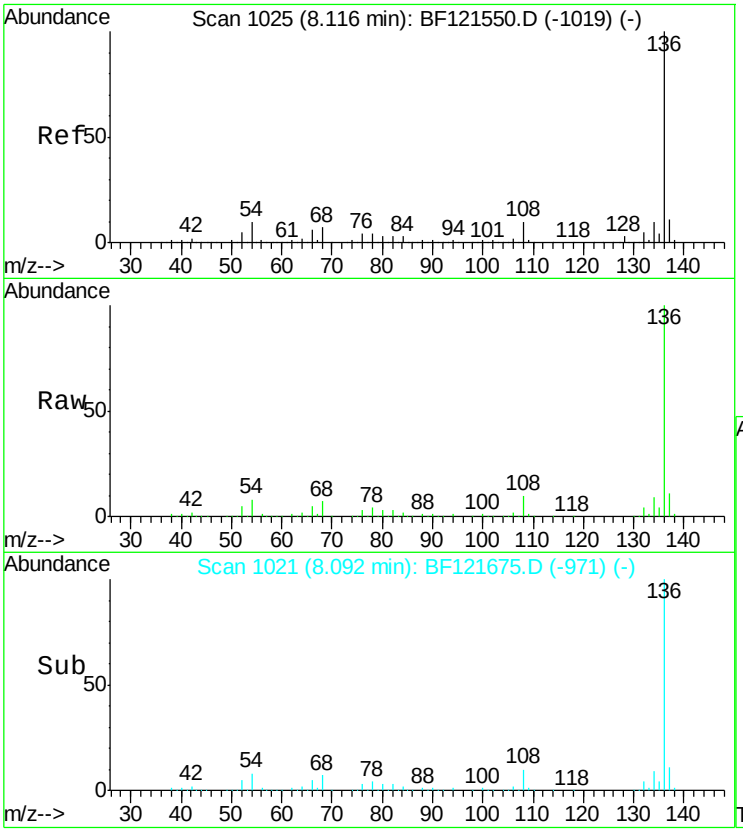


#19
n-Nitroso-di-n-propylamine
Concen: 18.137 ng
RT: 7.37 min Scan# 899
Delta R.T. 0.15 min
Lab File: BF121675.D
Acq: 23 Sep 2020 19:55

Tgt Ion: 70 Resp: 113486

Ion	Ratio	Lower	Upper
70	100		
42	49.8	48.3	72.5
101	0.0	7.6	11.4#
130	1.9	15.9	23.9#



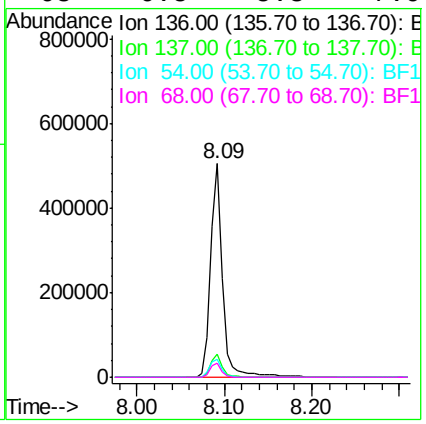


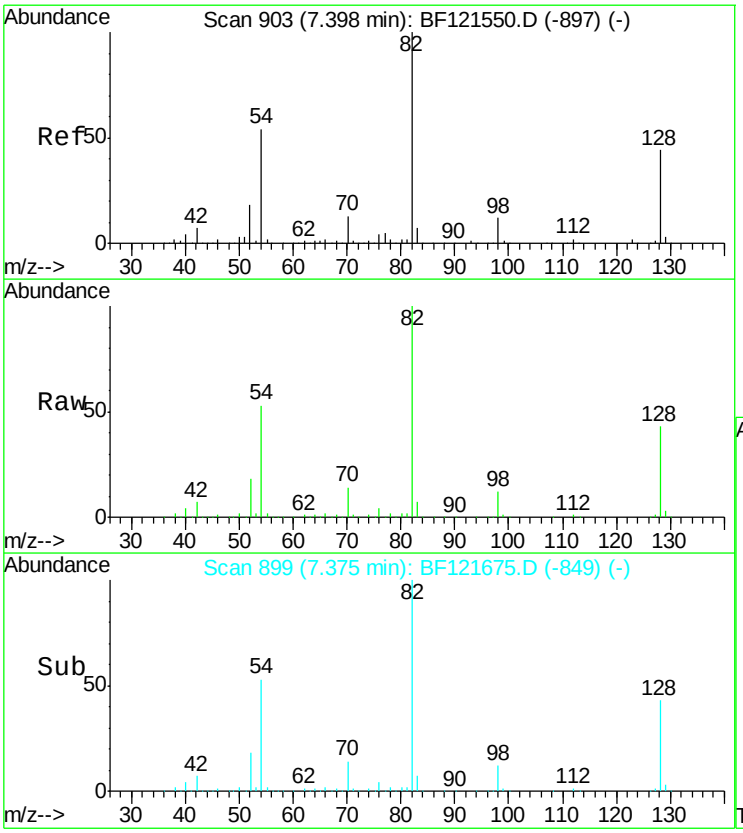
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BF121675.D
Acq: 23 Sep 2020 19:55

Instrument :
BNA_F
ClientSampleId :
MTB-SP

Tgt Ion:136 Resp: 482291

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.9	13.3
54	8.4	7.4	11.0
68	6.5	5.3	7.9

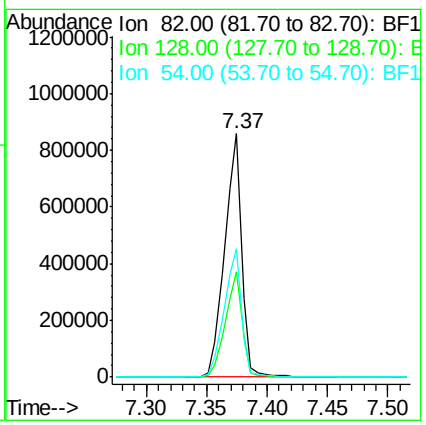


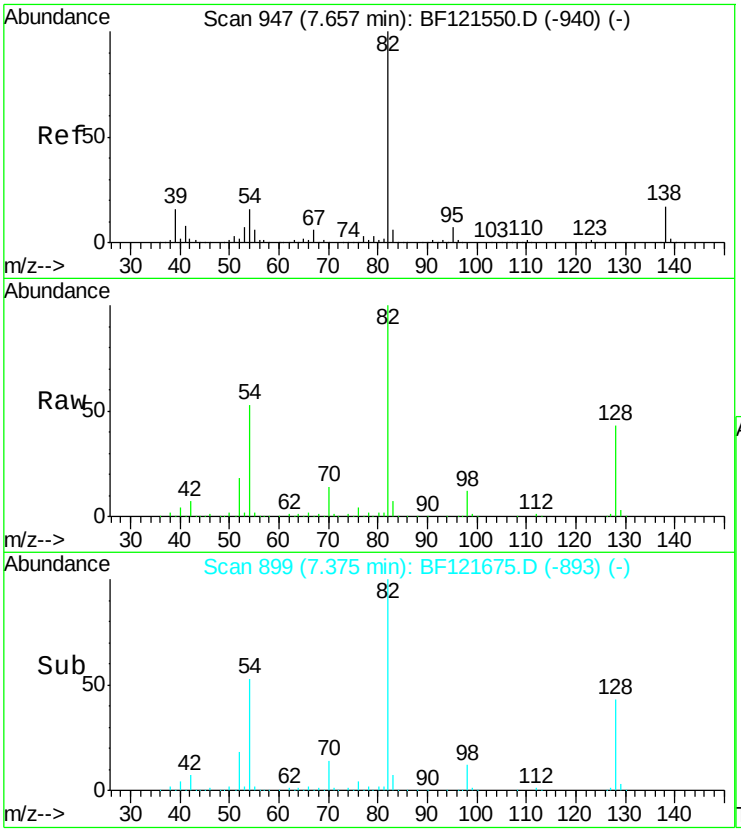


#23
Nitrobenzene-d5
Concen: 94.127 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.01 min
Lab File: BF121675.D
Acq: 23 Sep 2020 19:55

Tgt Ion: 82 Resp: 845501

Ion	Ratio	Lower	Upper
82	100		
128	43.2	33.9	50.9
54	52.5	42.9	64.3



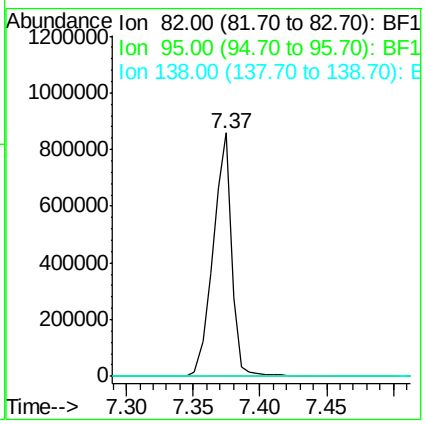


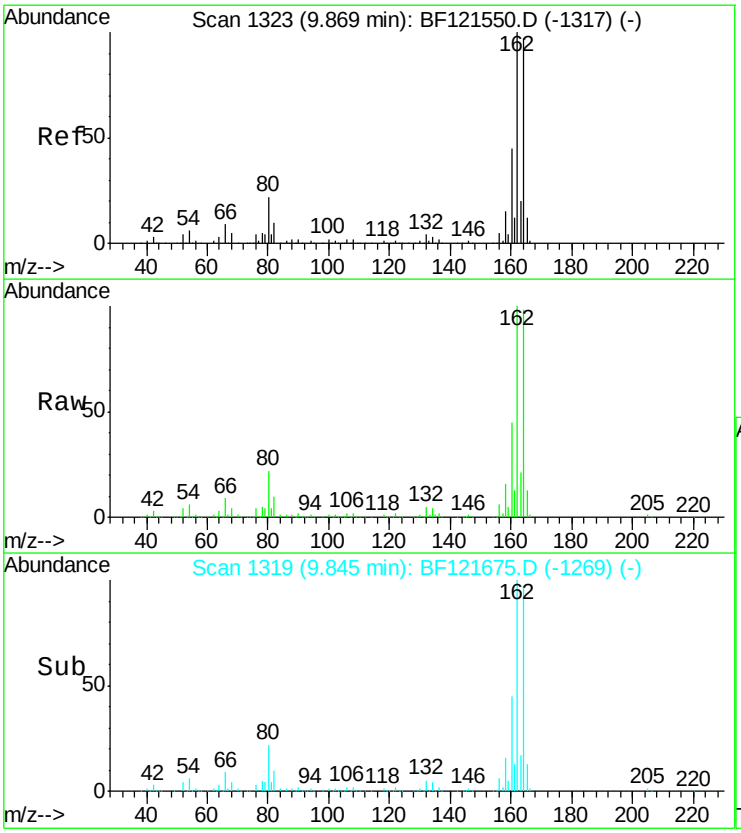
#25
Isophorone
Concen: 46.548 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.26 min
Lab File: BF121675.D
Acq: 23 Sep 2020 19:55

Instrument :
BNA_F
ClientSampleId :
MTB-SP

Tgt Ion: 82 Resp: 841678

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.8	8.6#
138	0.0	13.2	19.8#

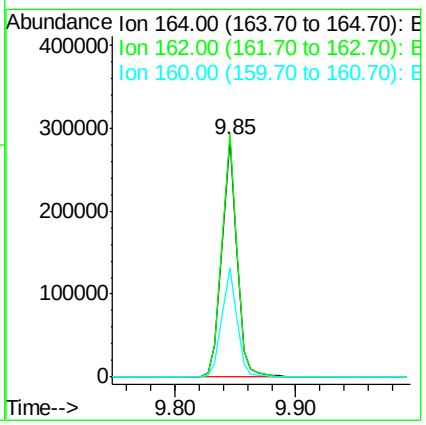


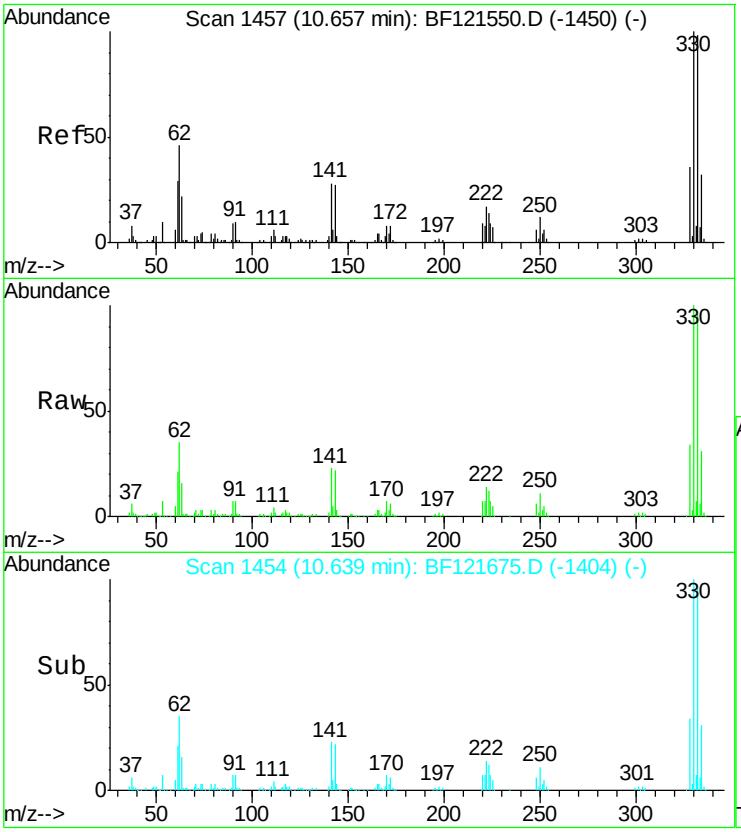


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1319
Delta R.T. -0.01 min
Lab File: BF121675.D
Acq: 23 Sep 2020 19:55

Tgt Ion:164 Resp: 250491

Ion	Ratio	Lower	Upper
164	100		
162	102.3	81.2	121.8
160	45.8	36.2	54.4



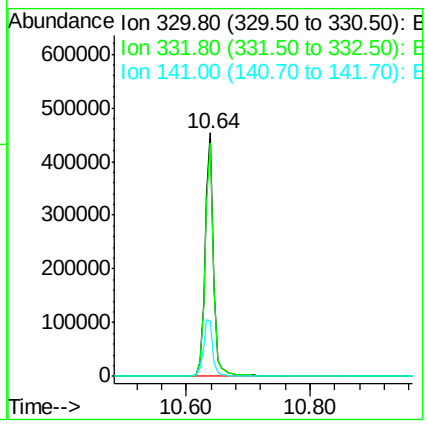


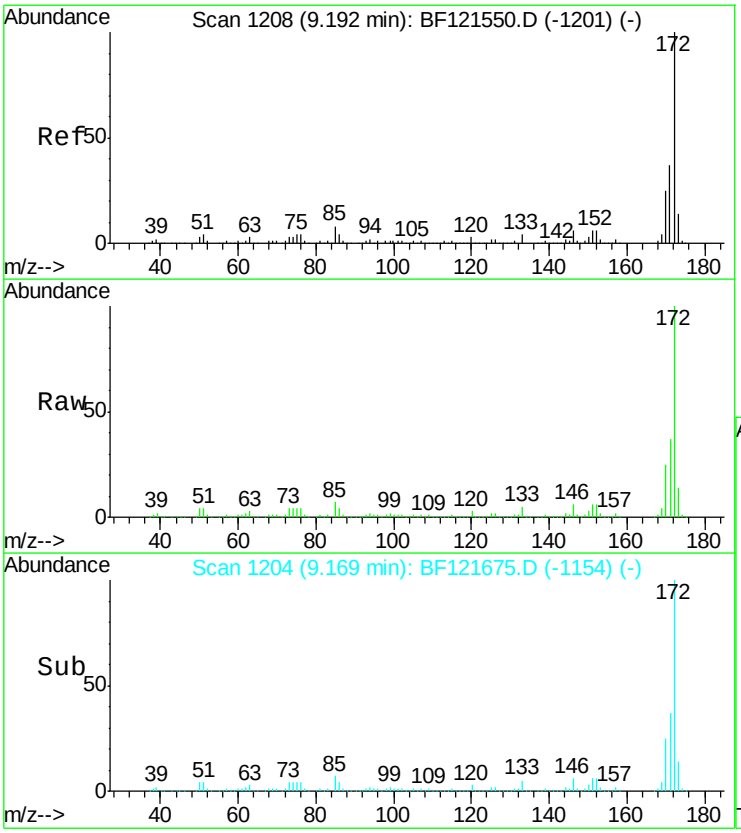
#42
2,4,6-Tribromophenol
Concen: 137.771 ng
RT: 10.64 min Scan# 1454
Delta R.T. -0.01 min
Lab File: BF121675.D
Acq: 23 Sep 2020 19:55

Instrument :
BNA_F
ClientSampleId :
MTB-SP

Tgt Ion:330 Resp: 428918

Ion	Ratio	Lower	Upper
330	100		
332	96.1	76.9	115.3
141	27.3	22.4	33.6

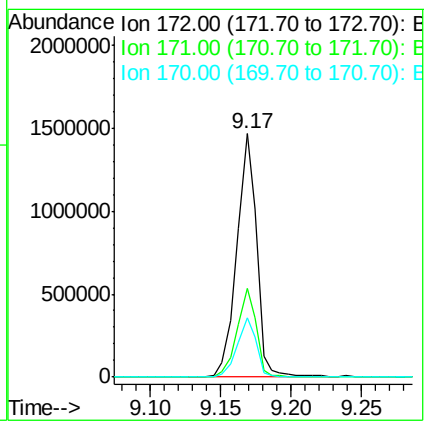


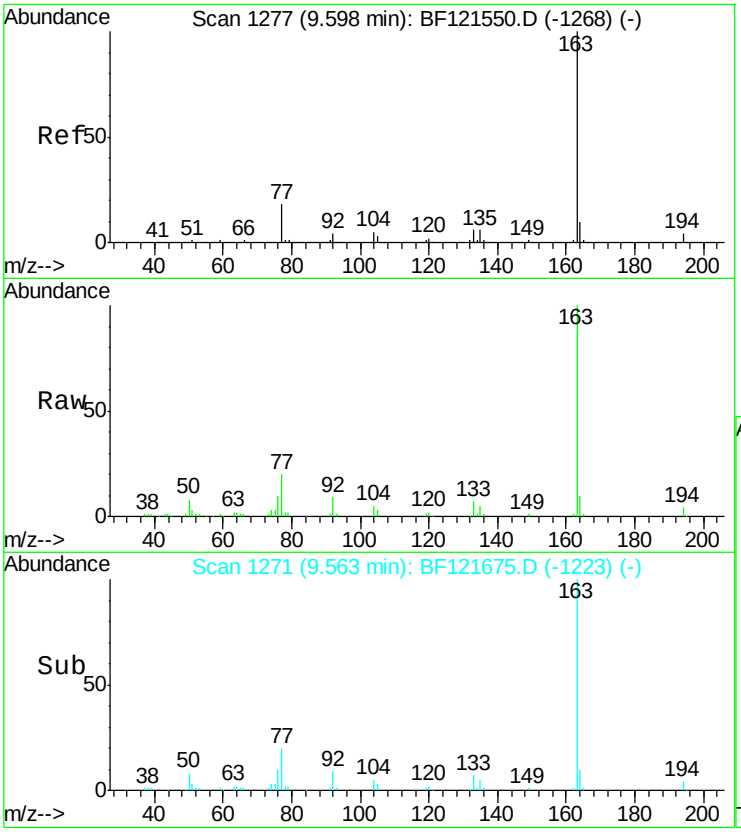


#45
2-Fluorobiphenyl
Concen: 87.116 ng
RT: 9.17 min Scan# 1204
Delta R.T. -0.01 min
Lab File: BF121675.D
Acq: 23 Sep 2020 19:55

Tgt Ion:172 Resp: 1440835

Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.3	43.9
170	24.5	19.5	29.3



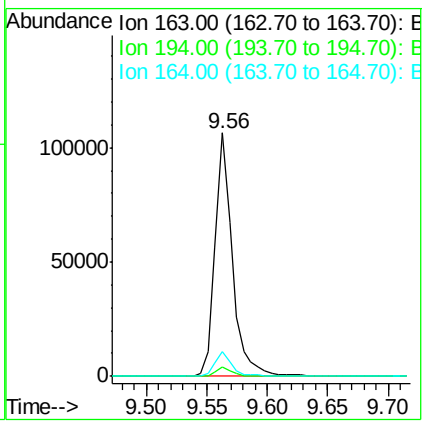


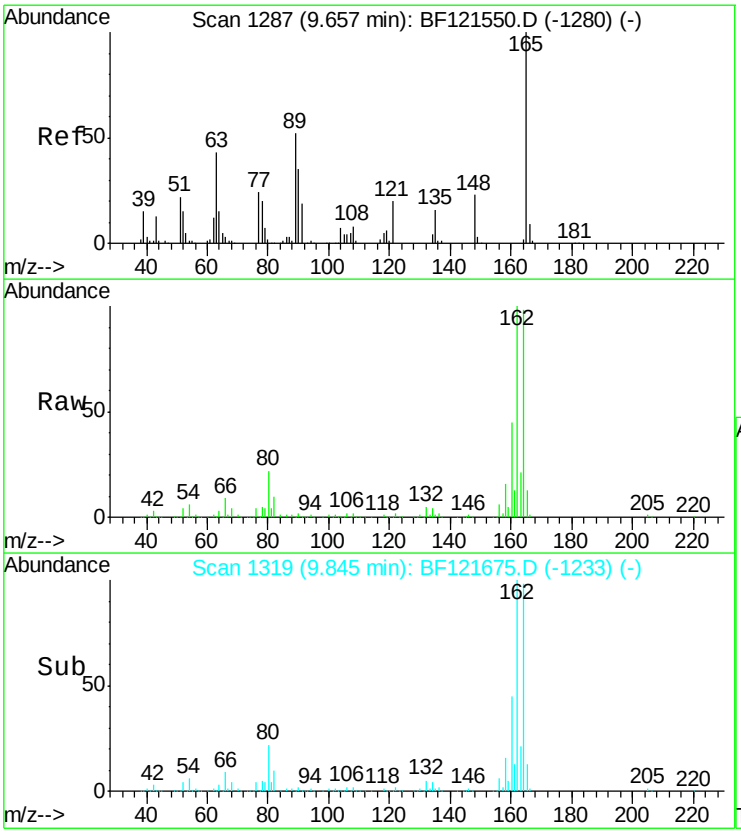
#50
Dimethylphthalate
Concen: 5.762 ng
RT: 9.56 min Scan# 1271
Delta R.T. -0.02 min
Lab File: BF121675.D
Acq: 23 Sep 2020 19:55

Instrument :
BNA_F
ClientSampleId :
MTB-SP

Tgt Ion:163 Resp: 104616

Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.3	4.9
164	10.2	8.0	12.0

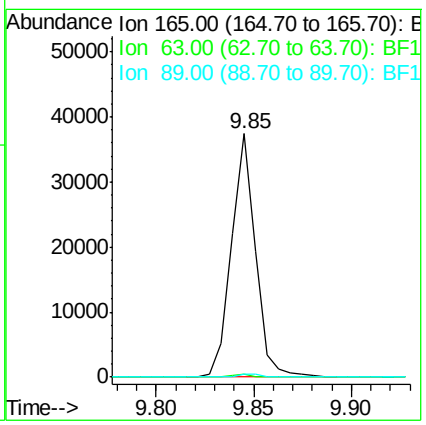


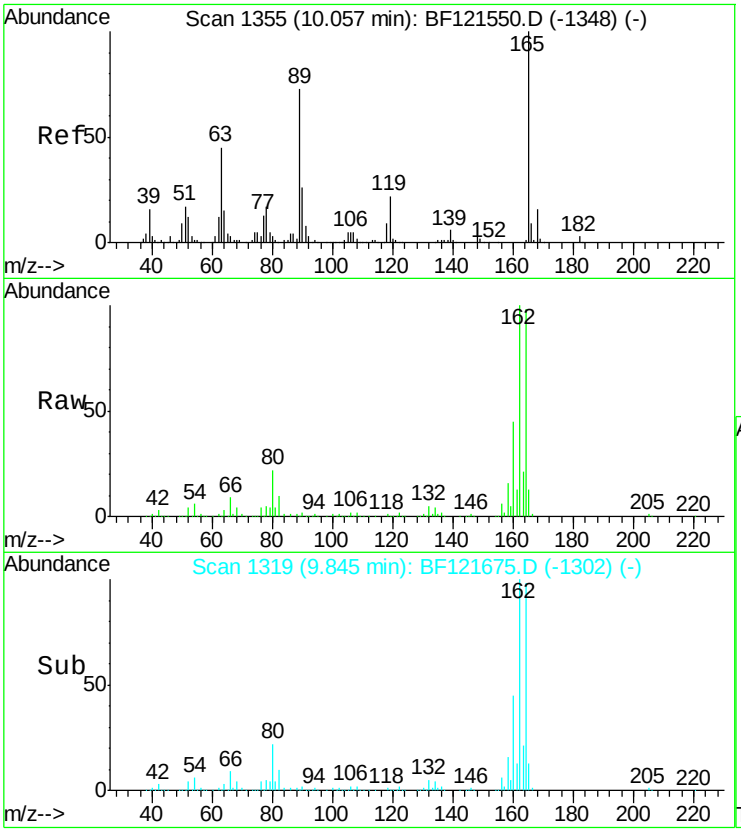


#51
2,6-Dinitrotoluene
Concen: 8.269 ng
RT: 9.85 min Scan# 1319
Delta R.T. 0.21 min
Lab File: BF121675.D
Acq: 23 Sep 2020 19:55

Tgt Ion:165 Resp: 31971

Ion	Ratio	Lower	Upper
165	100		
63	1.3	47.6	71.4#
89	1.4	46.0	69.0#



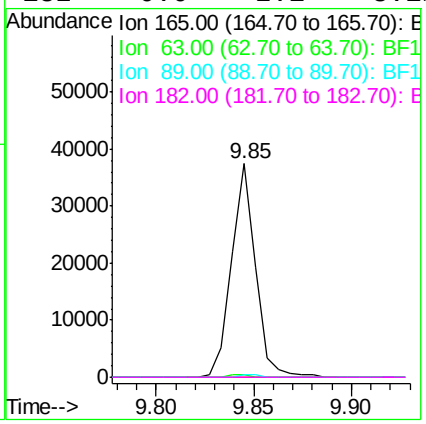


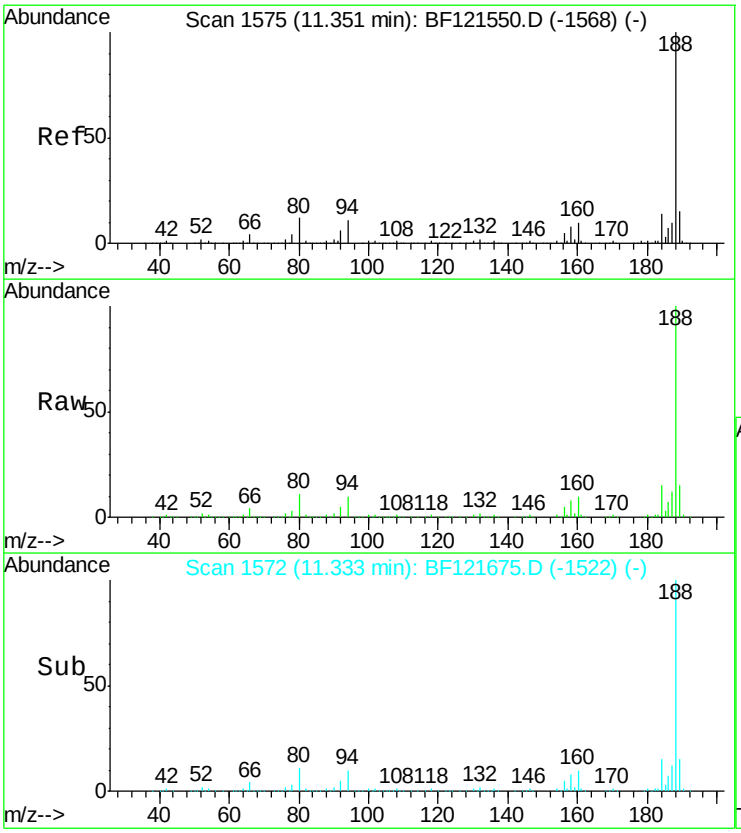
#57
2,4-Dinitrotoluene
Concen: 6.573 ng
RT: 9.85 min Scan# 1319
Delta R.T. -0.20 min
Lab File: BF121675.D
Acq: 23 Sep 2020 19:55

Instrument :
BNA_F
ClientSampleId :
MTB-SP

Tgt Ion:165 Resp: 31971

Ion	Ratio	Lower	Upper
165	100		
63	1.3	36.7	55.1#
89	1.4	57.7	86.5#
182	0.0	2.1	3.1#

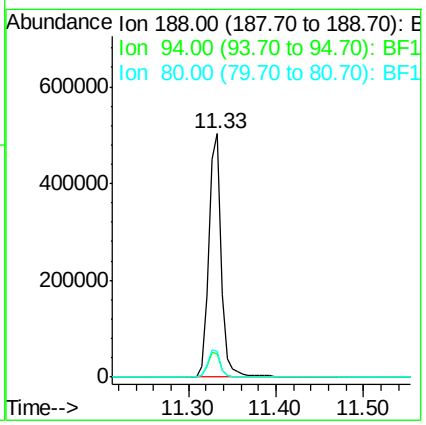


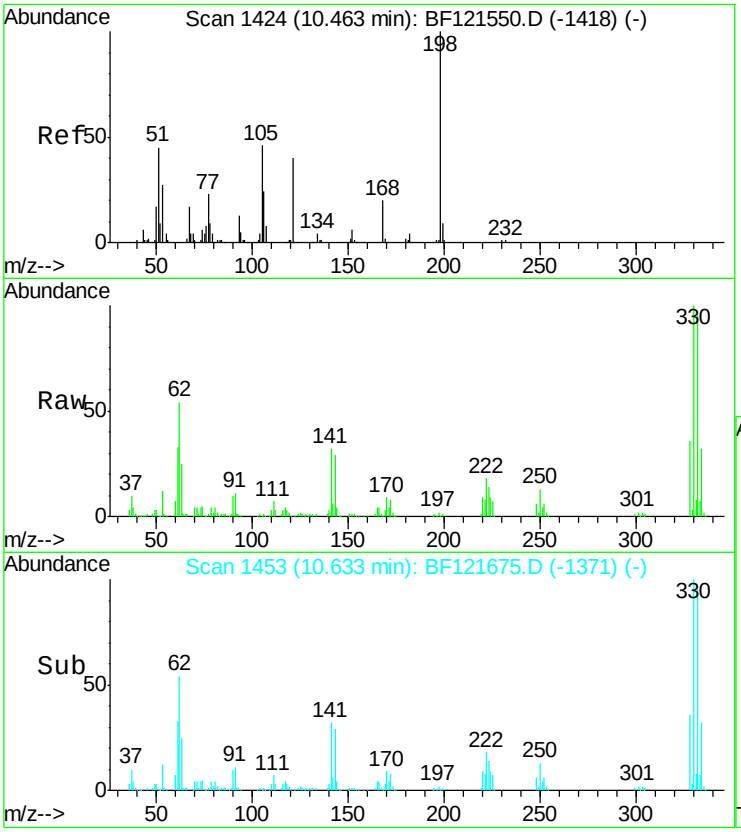


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1572
Delta R.T. -0.01 min
Lab File: BF121675.D
Acq: 23 Sep 2020 19:55

Tgt Ion:188 Resp: 500785

Ion	Ratio	Lower	Upper
188	100		
94	9.6	8.4	12.6
80	10.6	9.0	13.4



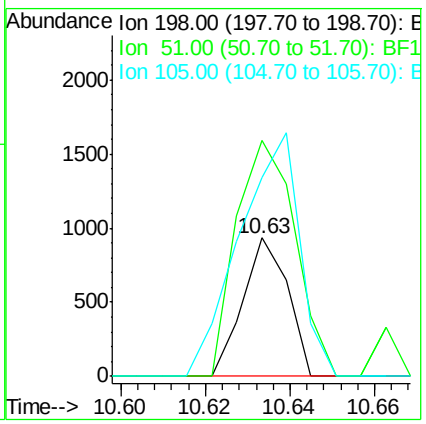


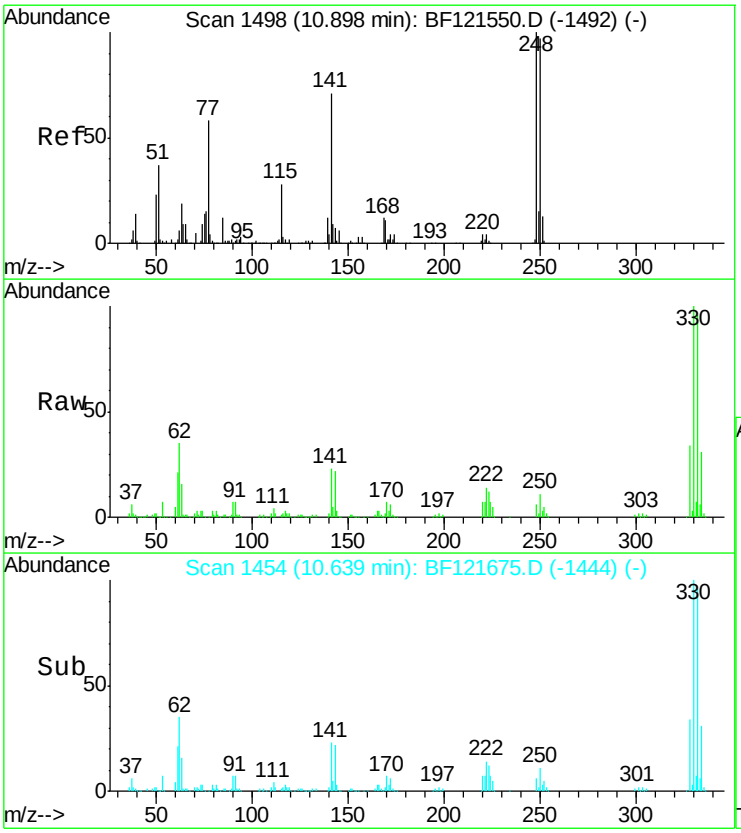
#65
4,6-Dinitro-2-methylphenol
Concen: 7.044 ng
RT: 10.63 min Scan# 1453
Delta R.T. 0.18 min
Lab File: BF121675.D
Acq: 23 Sep 2020 19:55

Instrument :
BNA_F
ClientSampleId :
MTB-SP

Tgt Ion:198 Resp: 688

Ion	Ratio	Lower	Upper
198	100		
51	170.1	20.3	60.3#
105	143.5	20.2	60.2#

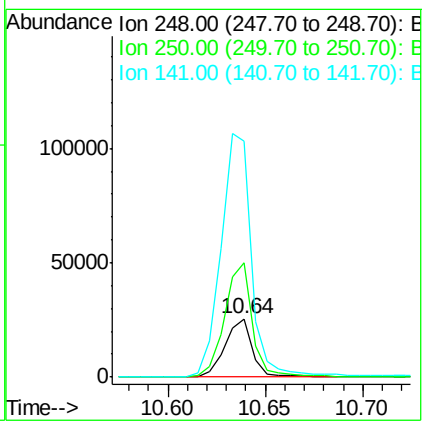


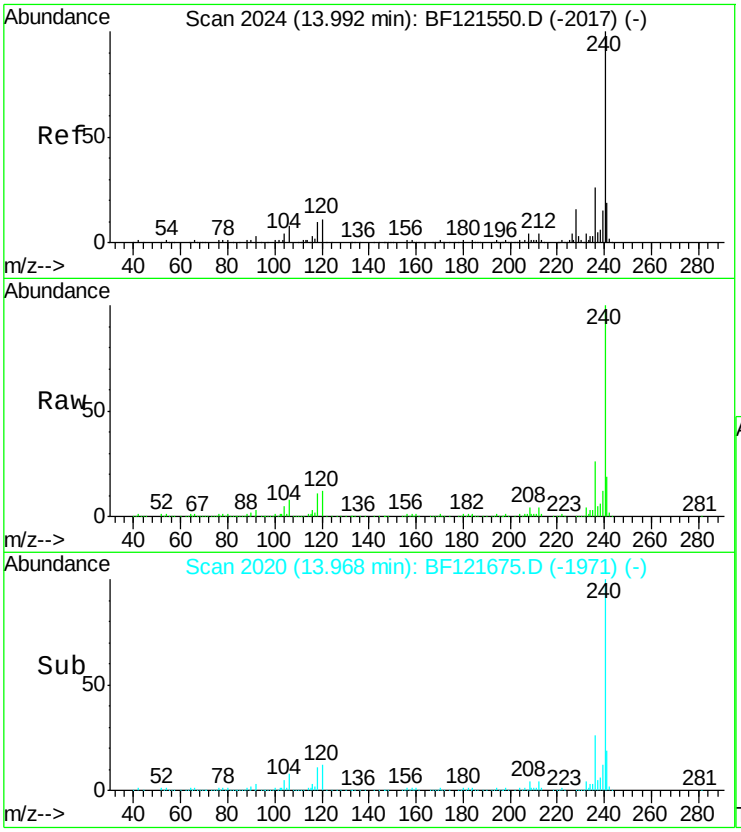


#67
4-Bromophenyl-phenylether
Concen: 4.385 ng
RT: 10.64 min Scan# 1454
Delta R.T. -0.24 min
Lab File: BF121675.D
Acq: 23 Sep 2020 19:55

Tgt Ion:248 Resp: 25003

Ion	Ratio	Lower	Upper
248	100		
250	195.2	79.4	119.0#
141	404.2	52.2	78.4#



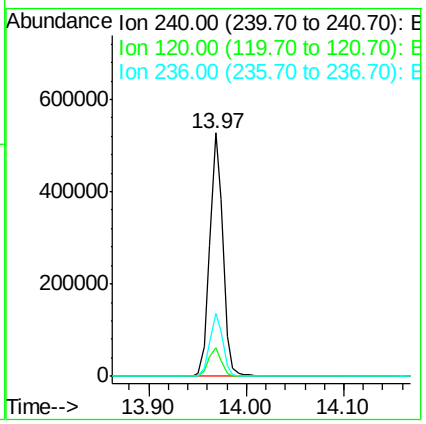


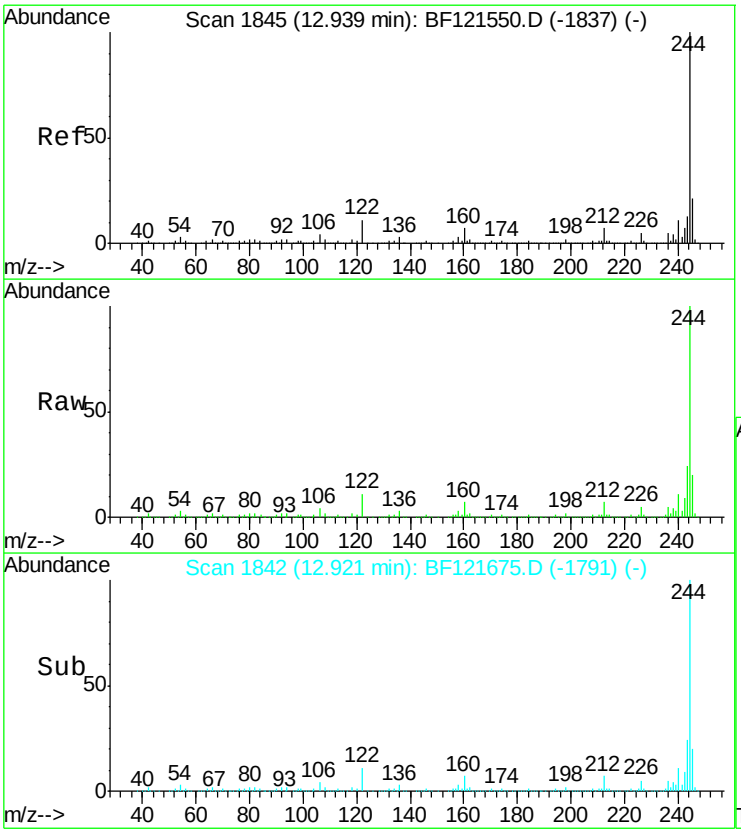
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.01 min
Lab File: BF121675.D
Acq: 23 Sep 2020 19:55

Instrument :
BNA_F
ClientSampleId :
MTB-SP

Tgt Ion:240 Resp: 491407

Ion	Ratio	Lower	Upper
240	100		
120	11.7	9.2	13.8
236	25.9	20.4	30.6

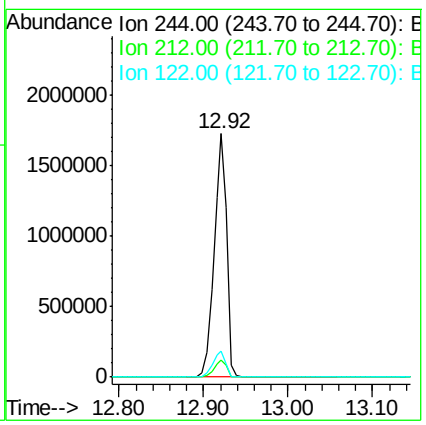


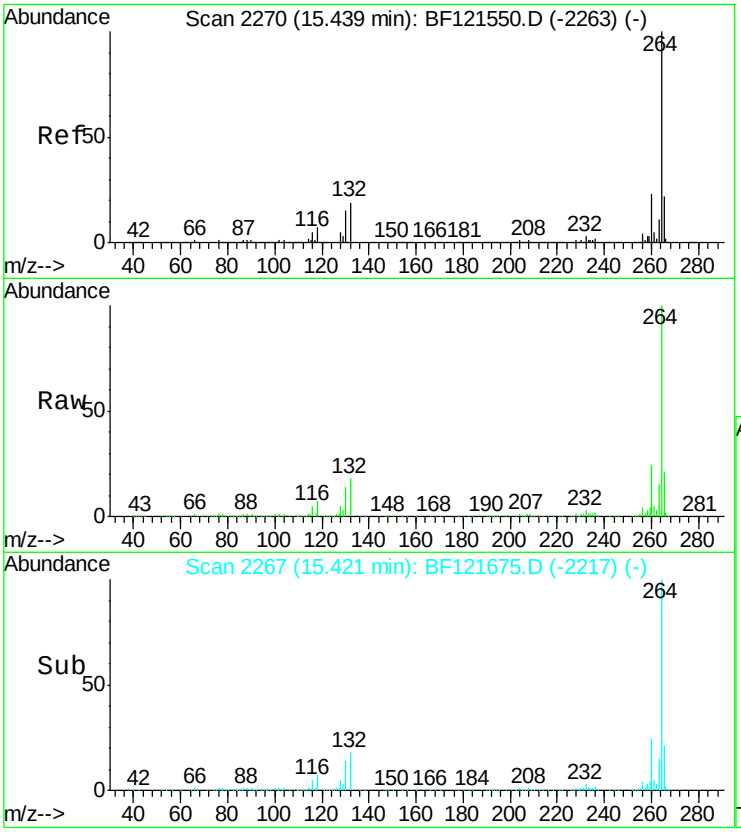


#79
Terphenyl-d14
Concen: 74.803 ng
RT: 12.92 min Scan# 1842
Delta R.T. -0.00 min
Lab File: BF121675.D
Acq: 23 Sep 2020 19:55

Tgt Ion:244 Resp: 1814446

Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.5	8.3
122	10.9	7.4	11.0





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.42 min Scan# 2267
Delta R.T. -0.01 min
Lab File: BF121675.D
Acq: 23 Sep 2020 19:55

Instrument :
BNA_F
ClientSampleId :
MTB-SP

Tgt Ion:264 Resp: 462109

Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.8	28.2
265	20.9	17.3	25.9