Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080520\
Data File : BF121186.D
Acq On : 5 Aug 2020 10:57
Operator : JU/CG
Sample : PB130683BL
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB130683BL

Quant Time: Aug 05 11:20:48 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071620.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 29 14:55:43 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	140863	20.00	ng	-0.01
21) Naphthalene-d8	8.07	136	545471	20.00	ng	-0.01
39) Acenaphthene-d10	9.83	164	282842	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	550410	20.00	ng	0.00
76) Chrysene-d12	13.96	240	470554	20.00	ng	0.00
86) Perylene-d12	15.41	264	457659	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	917187	106.74	ng	0.00
7) Phenol-d6	6.43	99	1114612	100.42	ng	-0.01
23) Nitrobenzene-d5	7.36	82	756389	80.24	ng	-0.02
42) 2,4,6-Tribromophenol	10.63	330	351099	113.40	ng	0.00
45) 2-Fluorobiphenyl	9.16	172	1373341	72.49	ng	0.00
79) Terphenyl-d14	12.91	244	1401946	64.76	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.43	77	1604	Below Cal	#	1
19) n-Nitroso-di-n-propylamine	7.36	70	97364	15.426	ng	# 78
25) Isophorone	7.36	82	746468	39.676	ng	# 62
50) Dimethylphthalate	9.83	163	57941	2.840	ng	# 1
51) 2,6-Dinitrotoluene	9.83	165	36141	8.244	ng	# 27
57) 2,4-Dinitrotoluene	9.83	165	36141	6.278	ng	# 29
65) 4,6-Dinitro-2-methylphenol	10.62	198	560	4.004	ng	# 1
67) 4-Bromophenyl-phenylether	10.62	248	19373	3.157	ng	# 1

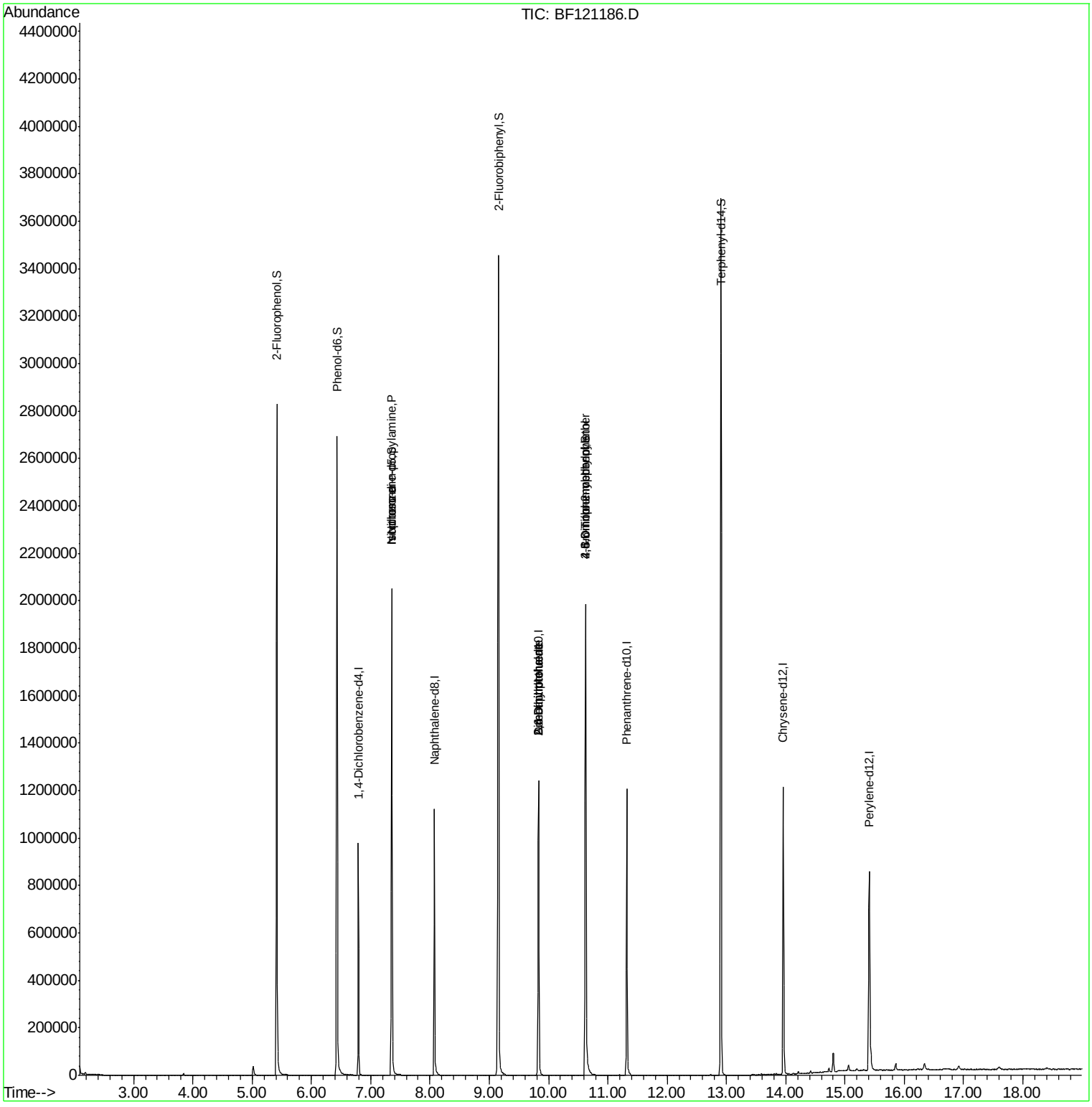
(#) = qualifier out of range (m) = manual integration (+) = signals summed

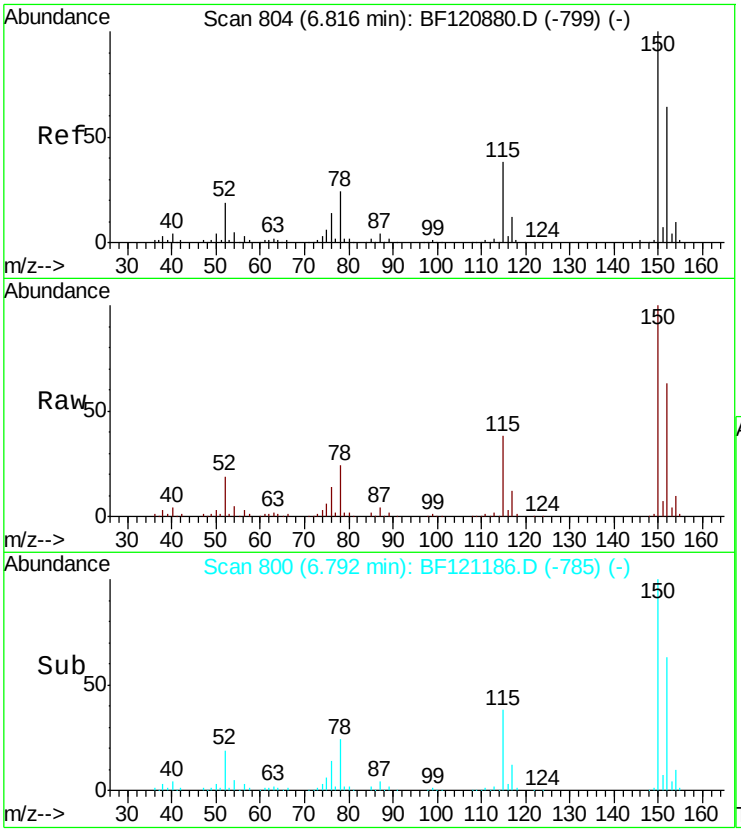
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080520\
Data File : BF121186.D
Acq On : 5 Aug 2020 10:57
Operator : JU/CG
Sample : PB130683BL
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB130683BL

Quant Time: Aug 05 11:20:48 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071620.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 29 14:55:43 2020
Response via : Initial Calibration



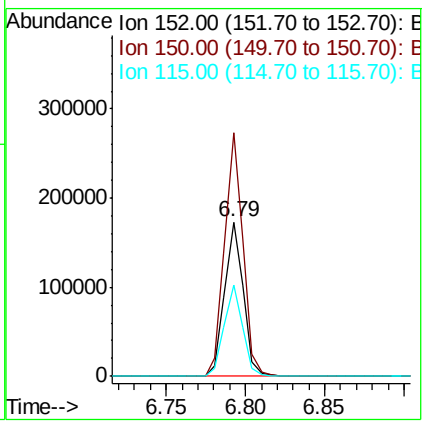


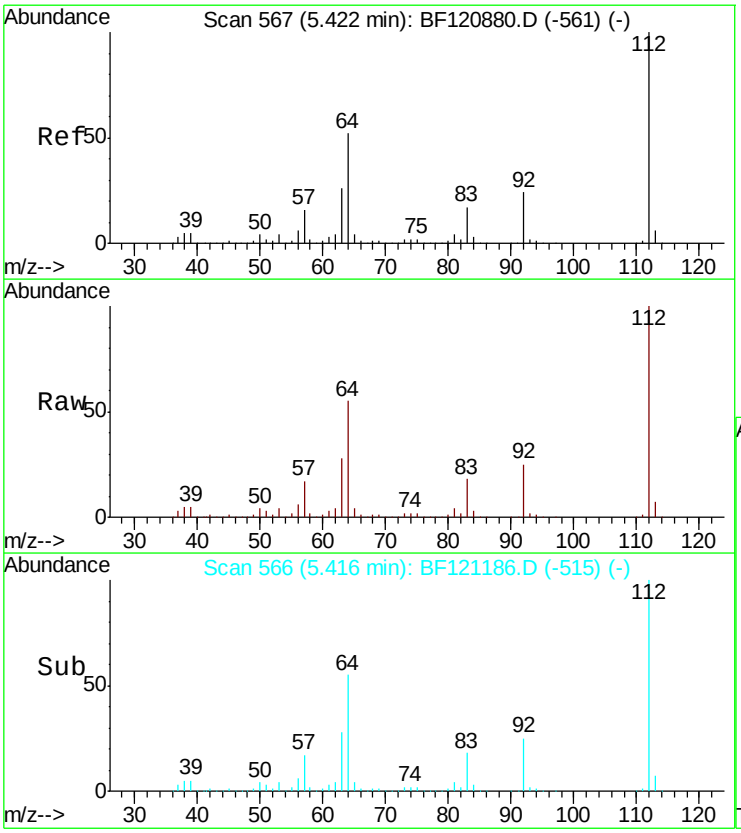
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 800
Delta R.T. -0.01 min
Lab File: BF121186.D
Acq: 5 Aug 2020 10:57

Instrument :
BNA_F
ClientSampleId :
PB130683BL

Tgt Ion:152 Resp: 140863

Ion	Ratio	Lower	Upper
152	100		
150	158.1	125.6	188.4
115	59.5	46.2	69.2

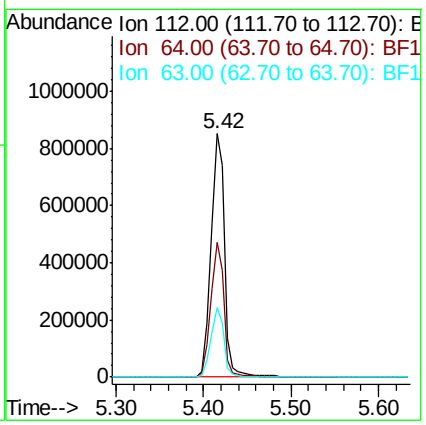


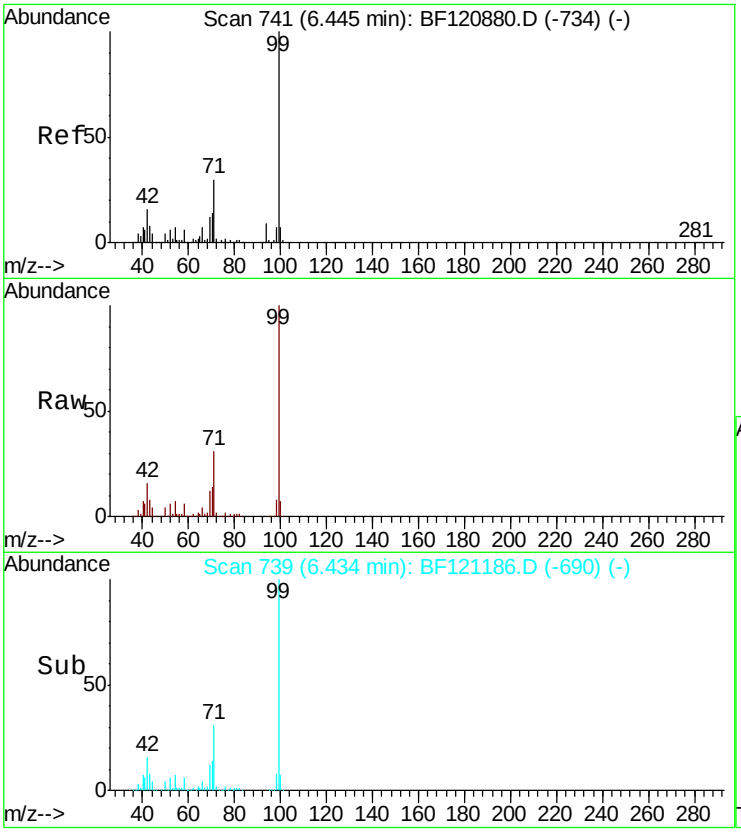


#5
2-Fluorophenol
Concen: 106.742 ng
RT: 5.42 min Scan# 566
Delta R.T. -0.00 min
Lab File: BF121186.D
Acq: 5 Aug 2020 10:57

Tgt Ion:112 Resp: 917187

Ion	Ratio	Lower	Upper
112	100		
64	55.3	43.9	65.9
63	28.5	22.7	34.1



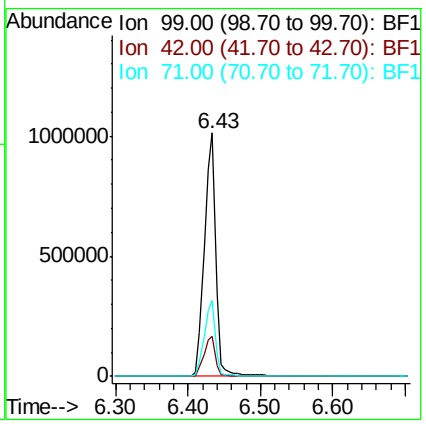


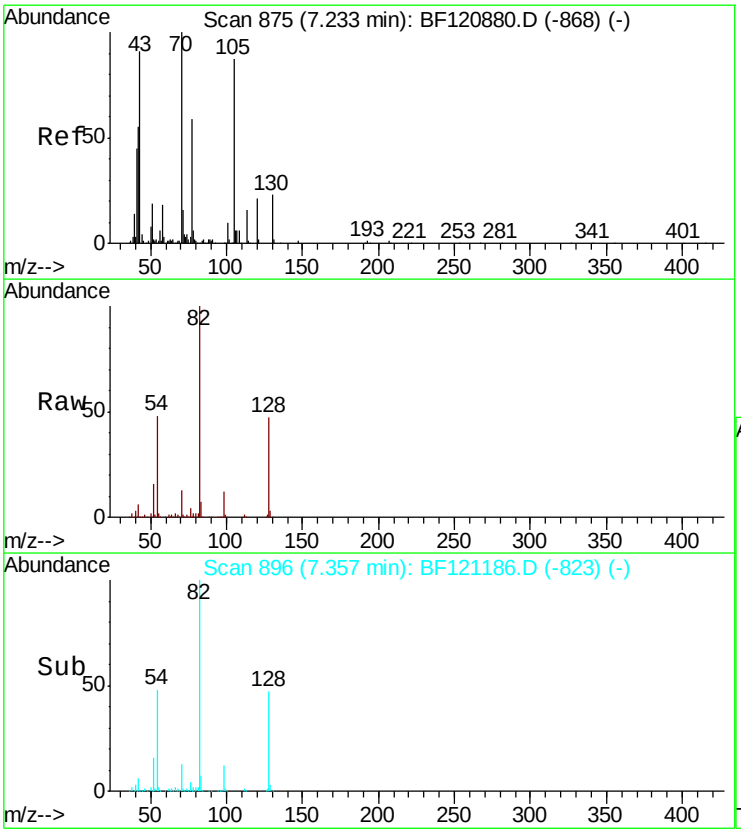
#7
Phenol-d6
Concen: 100.421 ng
RT: 6.43 min Scan# 739
Delta R.T. -0.01 min
Lab File: BF121186.D
Acq: 5 Aug 2020 10:57

Instrument :
BNA_F
ClientSampleId :
PB130683BL

Tgt Ion: 99 Resp: 1114612

Ion	Ratio	Lower	Upper
99	100		
42	16.5	13.5	20.3
71	31.1	25.0	37.4

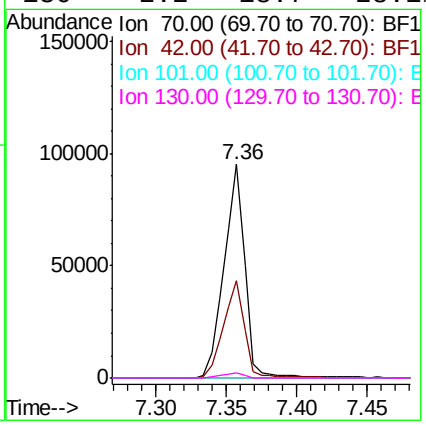


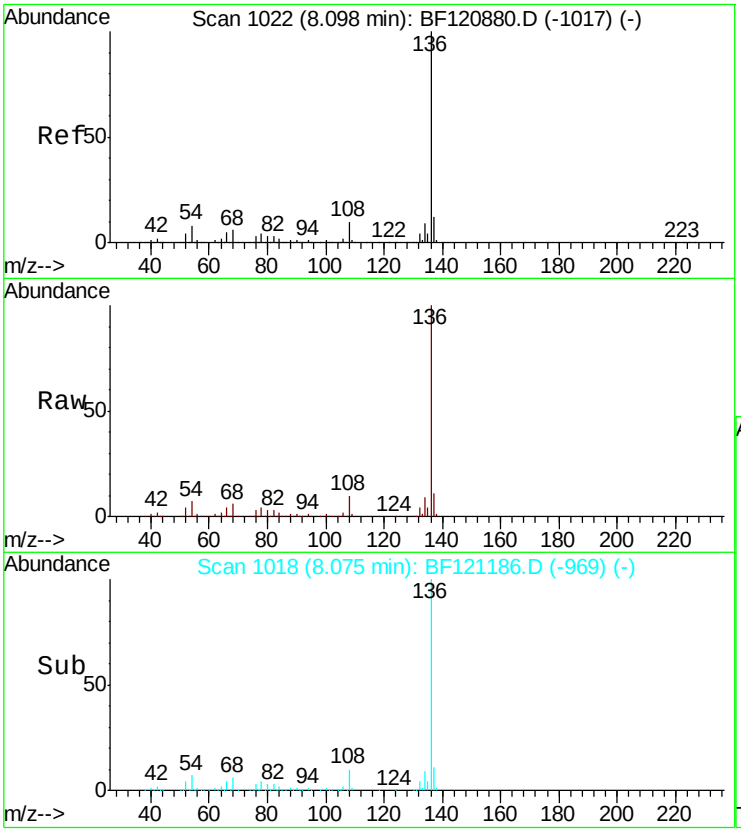


#19
n-Nitroso-di-n-propylamine
Concen: 15.426 ng
RT: 7.36 min Scan# 896
Delta R.T. 0.13 min
Lab File: BF121186.D
Acq: 5 Aug 2020 10:57

Tgt Ion: 70 Resp: 97364

Ion	Ratio	Lower	Upper
70	100		
42	45.4	43.3	64.9
101	0.0	8.4	12.6#
130	2.2	18.7	28.1#



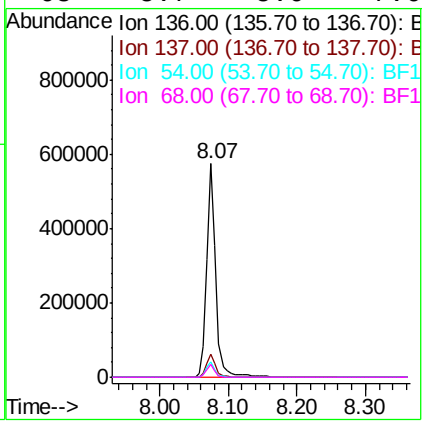


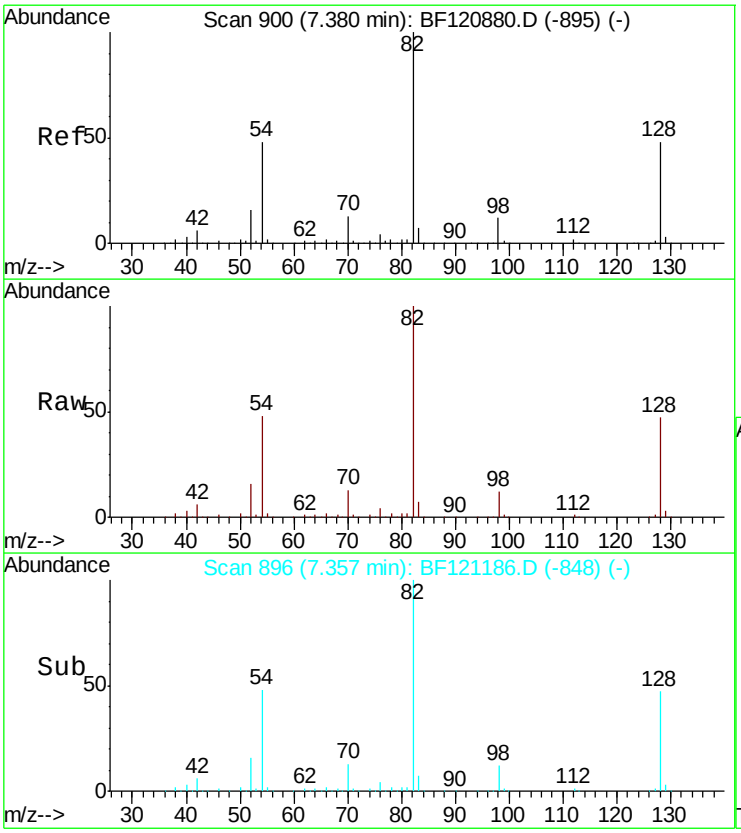
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BF121186.D
Acq: 5 Aug 2020 10:57

Instrument :
BNA_F
ClientSampleId :
PB130683BL

Tgt Ion:136 Resp: 545471

Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.0	13.4
54	7.4	6.1	9.1
68	5.7	5.0	7.6

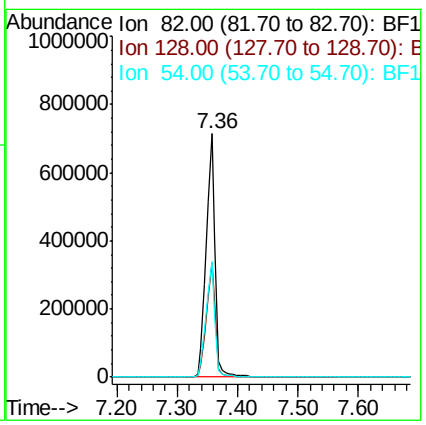


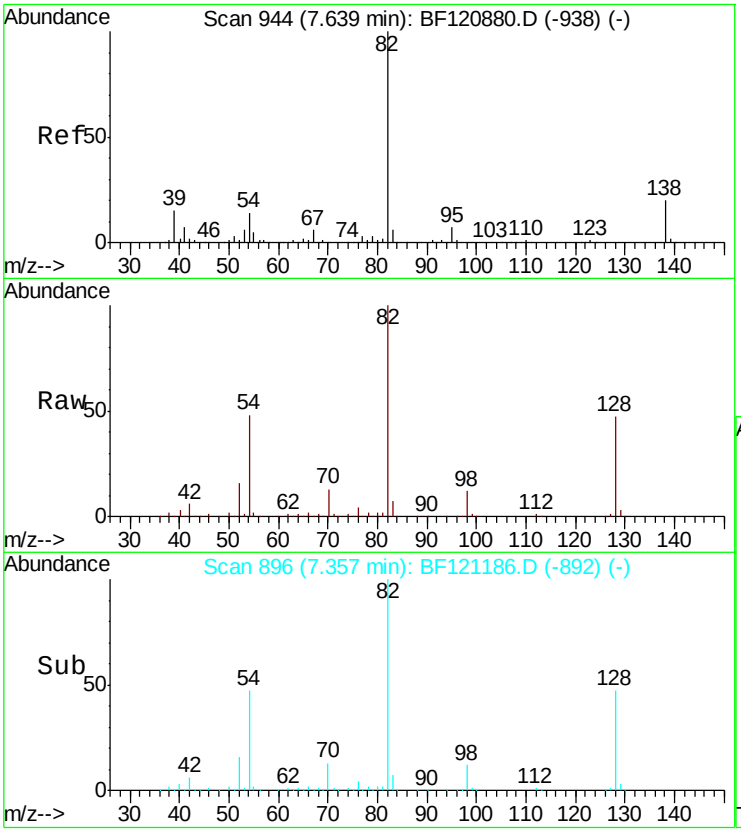


#23
Nitrobenzene-d5
Concen: 80.237 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.02 min
Lab File: BF121186.D
Acq: 5 Aug 2020 10:57

Tgt Ion: 82 Resp: 756389

Ion	Ratio	Lower	Upper
82	100		
128	47.1	39.2	58.8
54	47.5	37.8	56.8



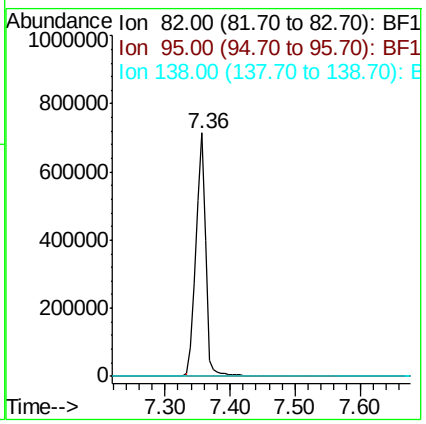


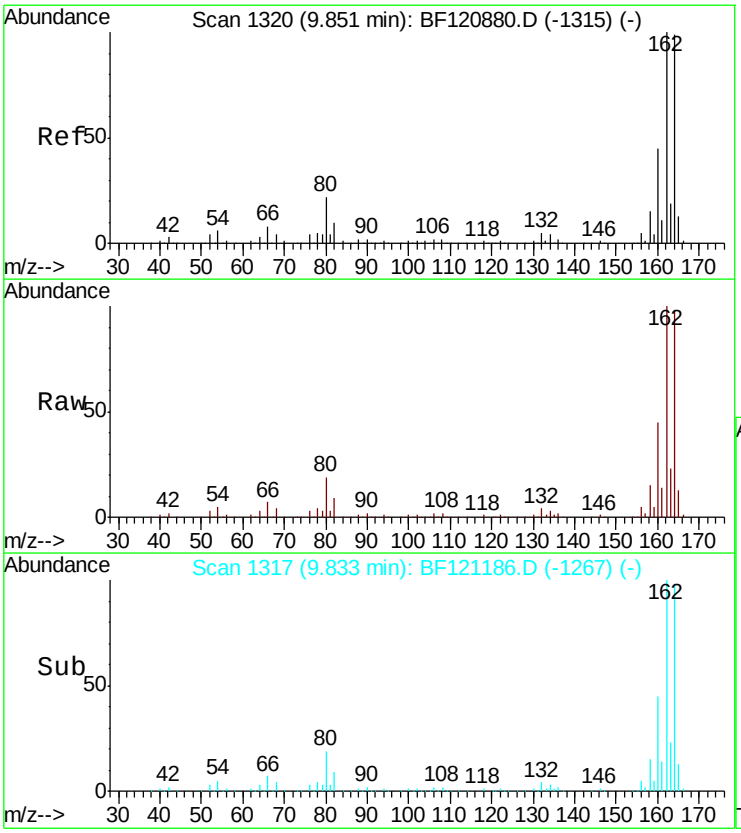
#25
Isophorone
Concen: 39.676 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.28 min
Lab File: BF121186.D
Acq: 5 Aug 2020 10:57

Instrument :
BNA_F
ClientSampleId :
PB130683BL

Tgt Ion: 82 Resp: 746468

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.5	8.3#
138	0.0	16.2	24.2#

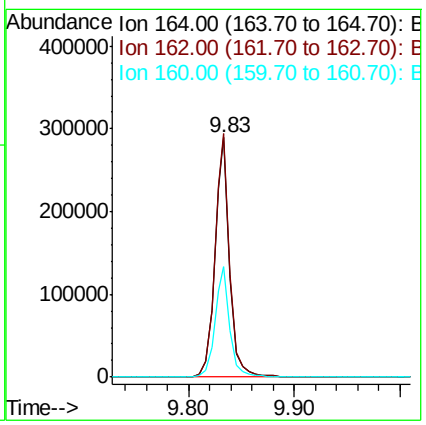


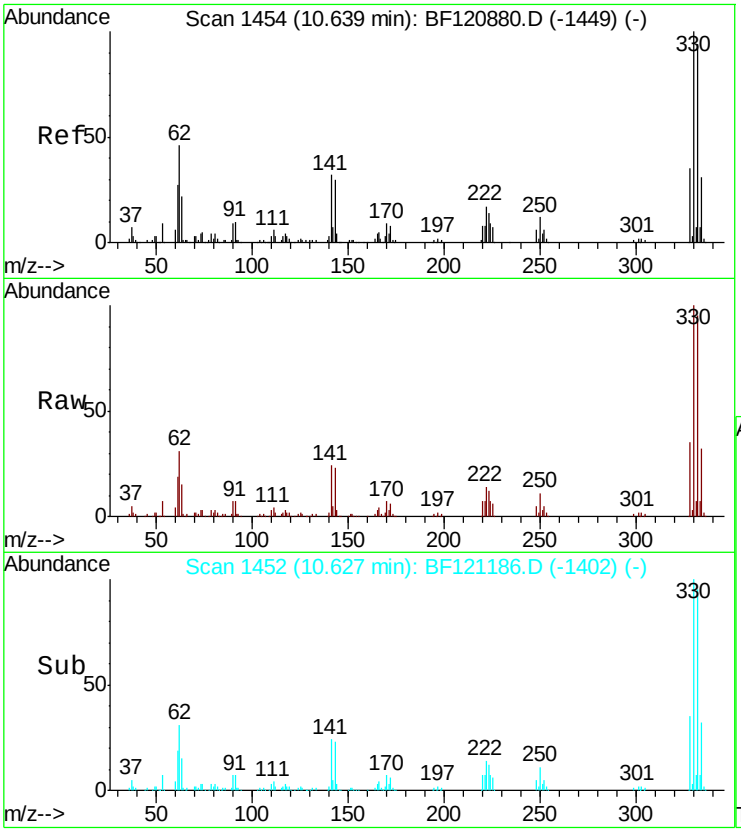


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1317
Delta R.T. -0.01 min
Lab File: BF121186.D
Acq: 5 Aug 2020 10:57

Tgt Ion:164 Resp: 282842

Ion	Ratio	Lower	Upper
164	100		
162	101.8	82.2	123.2
160	46.1	37.2	55.8



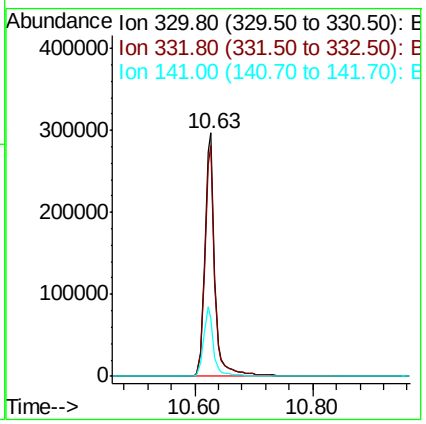


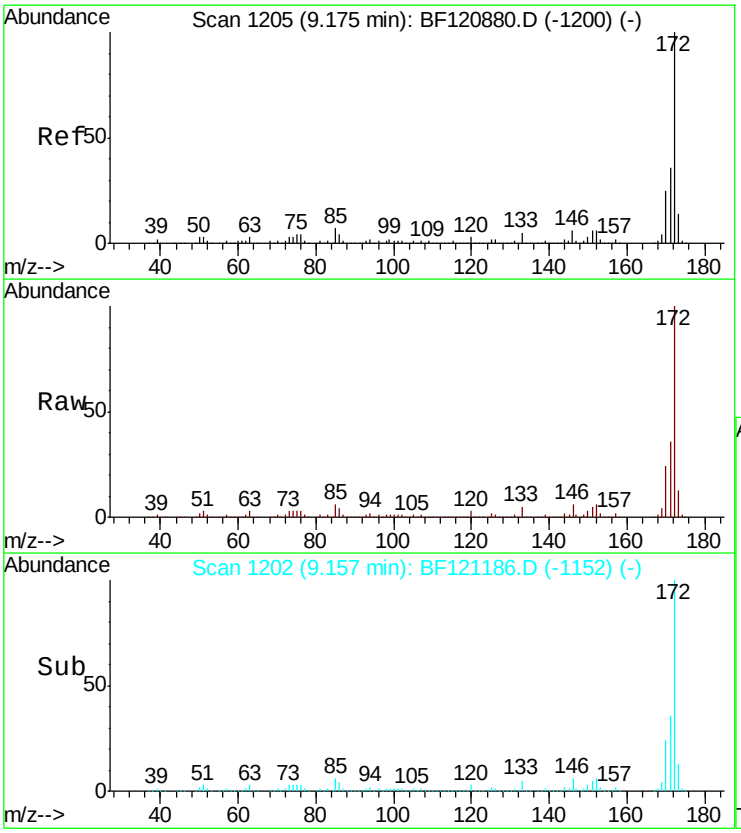
#42
2,4,6-Tribromophenol
Concen: 113.405 ng
RT: 10.63 min Scan# 1452
Delta R.T. -0.01 min
Lab File: BF121186.D
Acq: 5 Aug 2020 10:57

Instrument :
BNA_F
ClientSampleId :
PB130683BL

Tgt Ion:330 Resp: 351099

Ion	Ratio	Lower	Upper
330	100		
332	95.0	76.1	114.1
141	29.2	24.1	36.1

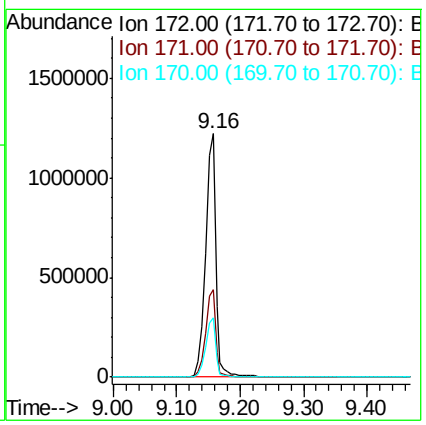


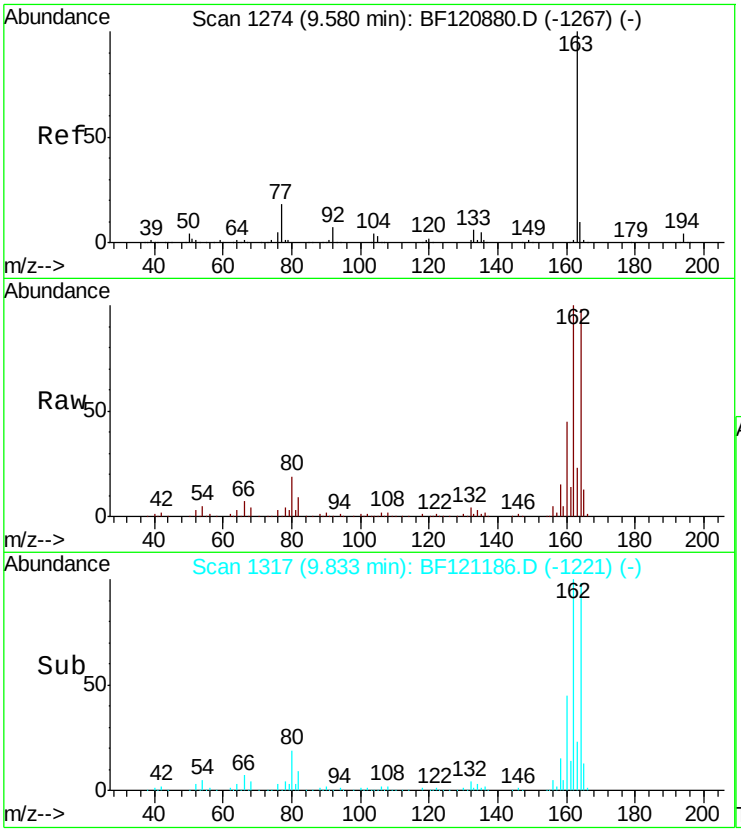


#45
2-Fluorobiphenyl
Concen: 72.495 ng
RT: 9.16 min Scan# 1202
Delta R.T. -0.01 min
Lab File: BF121186.D
Acq: 5 Aug 2020 10:57

Tgt Ion:172 Resp: 1373341

Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.0	43.4
170	24.1	19.6	29.4



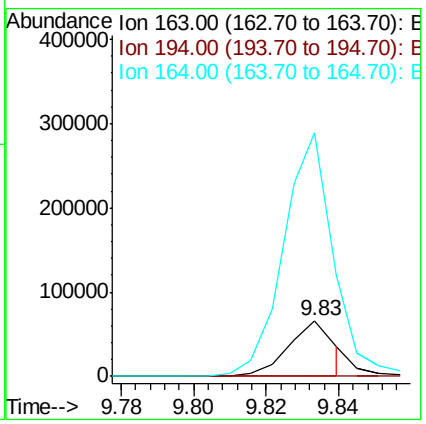


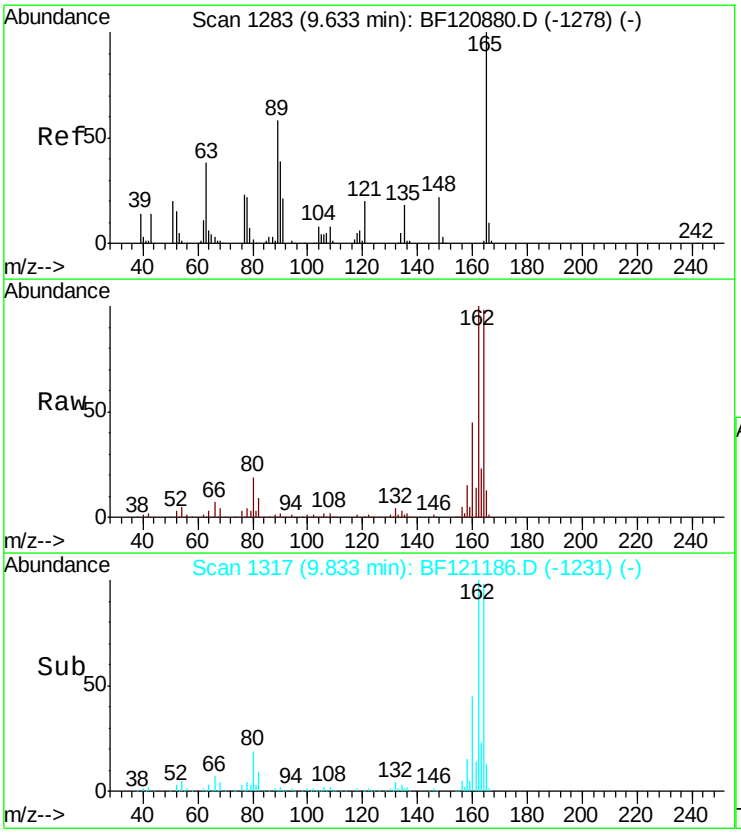
#50
Dimethylphthalate
Concen: 2.840 ng
RT: 9.83 min Scan# 1317
Delta R.T. 0.26 min
Lab File: BF121186.D
Acq: 5 Aug 2020 10:57

Instrument :
BNA_F
ClientSampleId :
PB130683BL

Tgt Ion:163 Resp: 57941

Ion	Ratio	Lower	Upper
163	100		
194	0.0	3.0	4.4#
164	435.7	8.4	12.6#

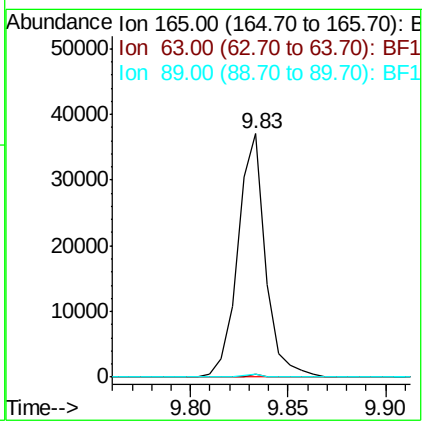


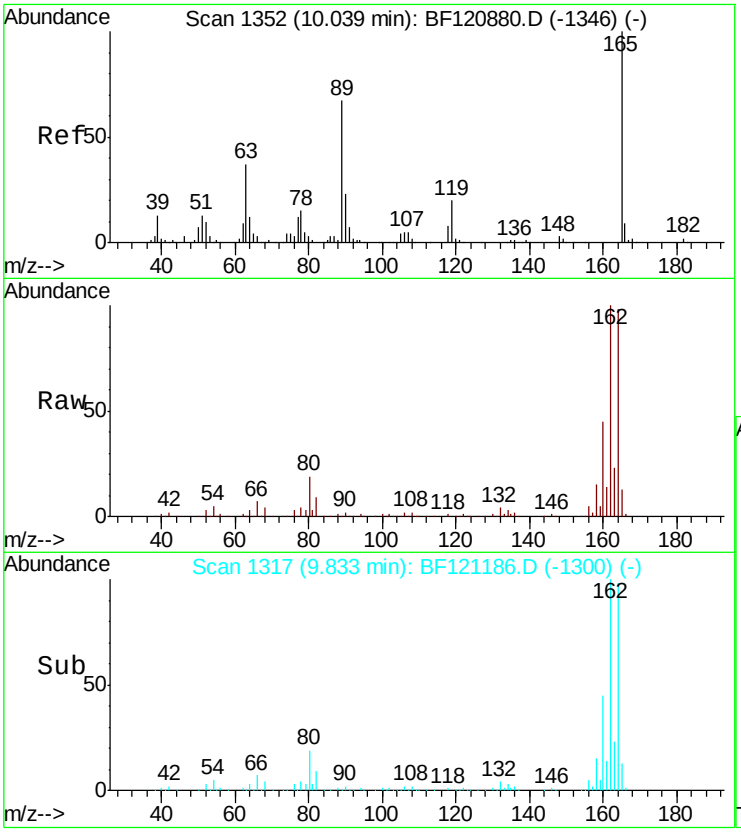


#51
2,6-Dinitrotoluene
Concen: 8.244 ng
RT: 9.83 min Scan# 1317
Delta R.T. 0.21 min
Lab File: BF121186.D
Acq: 5 Aug 2020 10:57

Tgt Ion:165 Resp: 36141

Ion	Ratio	Lower	Upper
165	100		
63	1.1	41.1	61.7#
89	1.3	43.5	65.3#



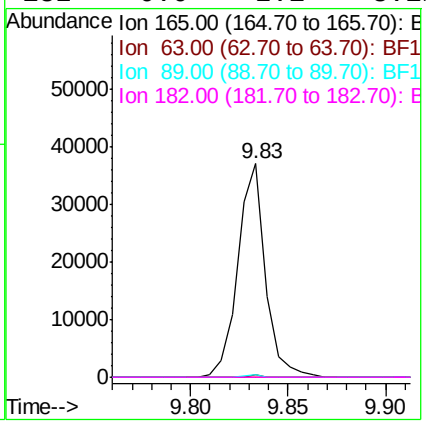


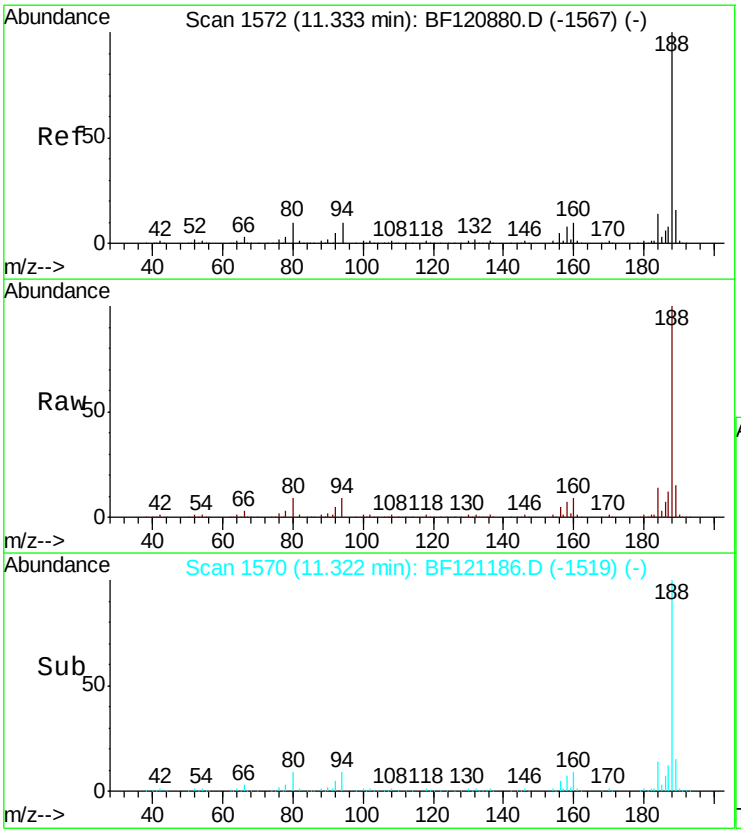
#57
2,4-Dinitrotoluene
Concen: 6.278 ng
RT: 9.83 min Scan# 1317
Delta R.T. -0.20 min
Lab File: BF121186.D
Acq: 5 Aug 2020 10:57

Instrument :
BNA_F
ClientSampleId :
PB130683BL

Tgt Ion:165 Resp: 36141

Ion	Ratio	Lower	Upper
165	100		
63	1.1	29.8	44.8#
89	1.3	50.3	75.5#
182	0.0	2.1	3.1#

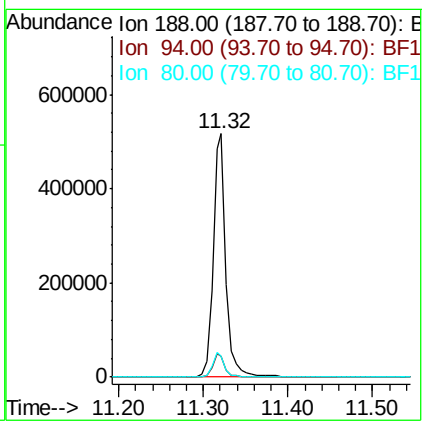


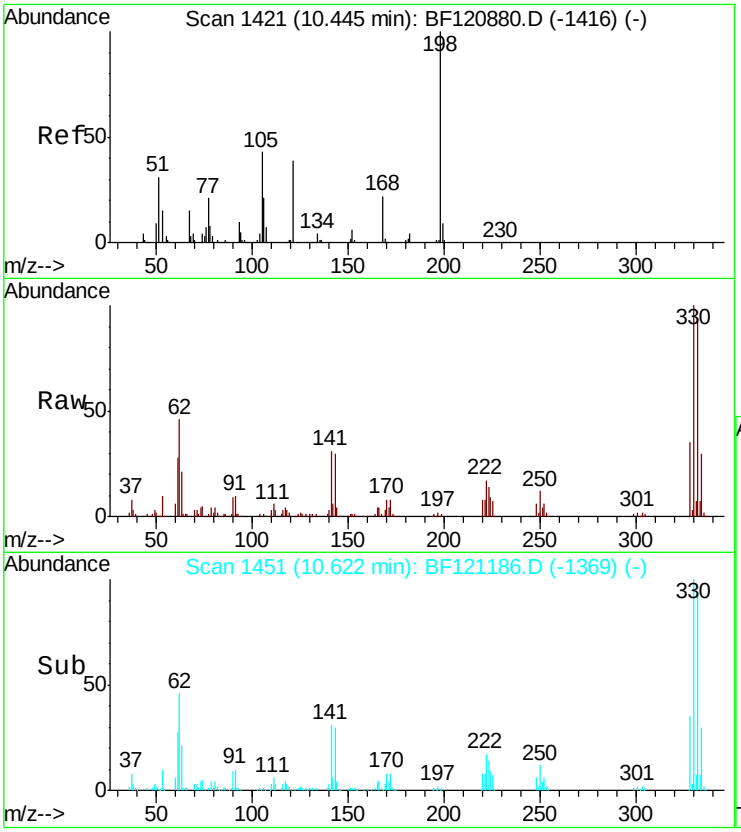


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1570
Delta R.T. -0.00 min
Lab File: BF121186.D
Acq: 5 Aug 2020 10:57

Tgt Ion:188 Resp: 550410

Ion	Ratio	Lower	Upper
188	100		
94	8.5	8.0	12.0
80	8.5	8.3	12.5



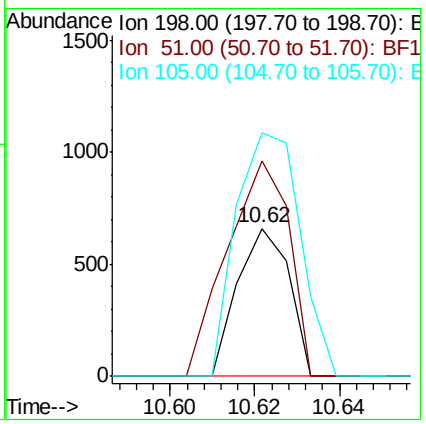


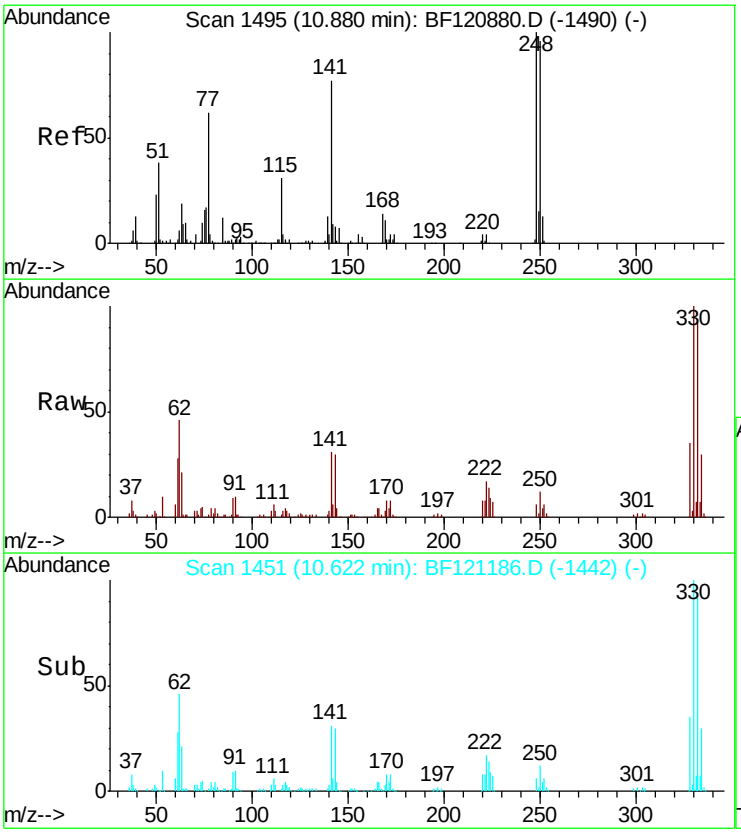
#65
4,6-Dinitro-2-methylphenol
Concen: 4.004 ng
RT: 10.62 min Scan# 1451
Delta R.T. 0.18 min
Lab File: BF121186.D
Acq: 5 Aug 2020 10:57

Instrument :
BNA_F
ClientSampleId :
PB130683BL

Tgt Ion:198 Resp: 560

Ion	Ratio	Lower	Upper
198	100		
51	146.2	23.4	63.4#
105	165.0	23.7	63.7#

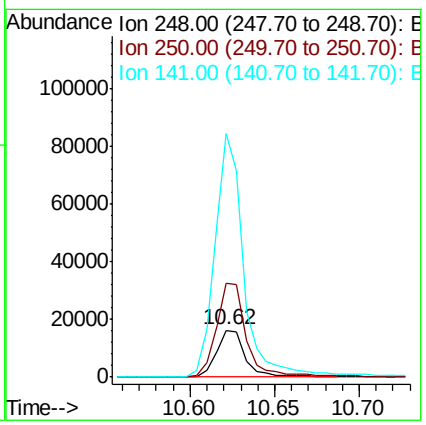


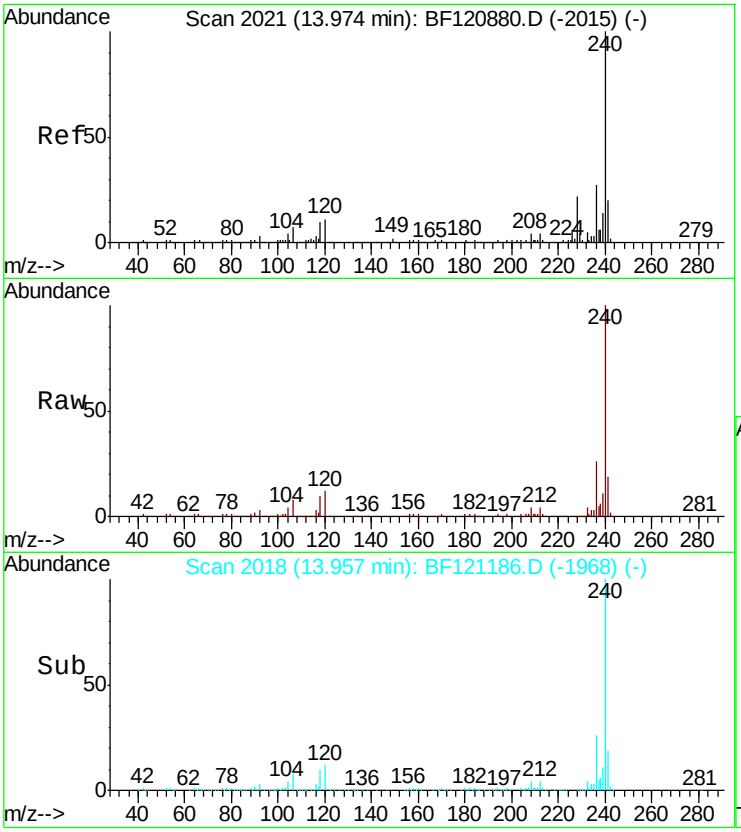


#67
4-Bromophenyl-phenylether
Concen: 3.157 ng
RT: 10.62 min Scan# 1451
Delta R.T. -0.25 min
Lab File: BF121186.D
Acq: 5 Aug 2020 10:57

Tgt Ion:248 Resp: 19373

Ion	Ratio	Lower	Upper
248	100		
250	201.2	77.0	115.6#
141	520.4	56.6	85.0#



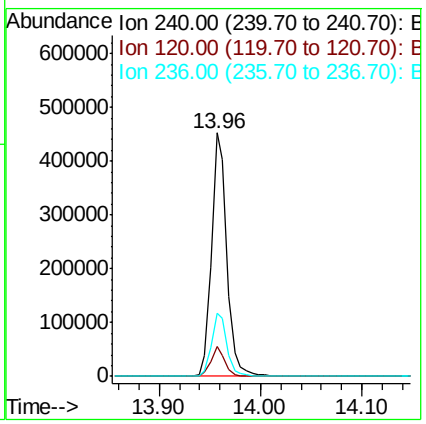


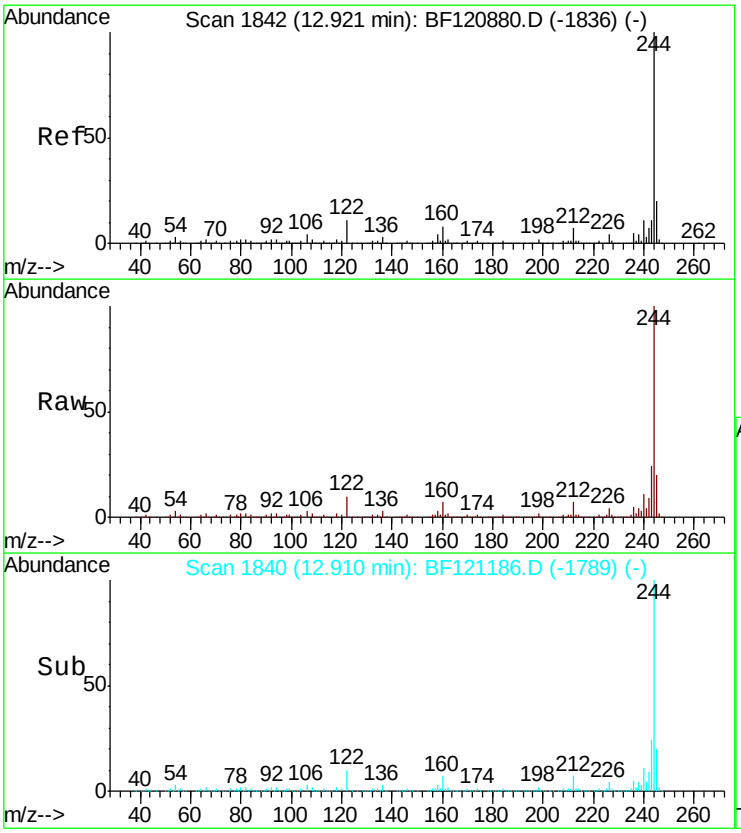
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.96 min Scan# 2018
Delta R.T. -0.01 min
Lab File: BF121186.D
Acq: 5 Aug 2020 10:57

Instrument :
BNA_F
ClientSampleId :
PB130683BL

Tgt Ion:240 Resp: 470554

Ion	Ratio	Lower	Upper
240	100		
120	12.1	9.3	13.9
236	26.2	21.1	31.7

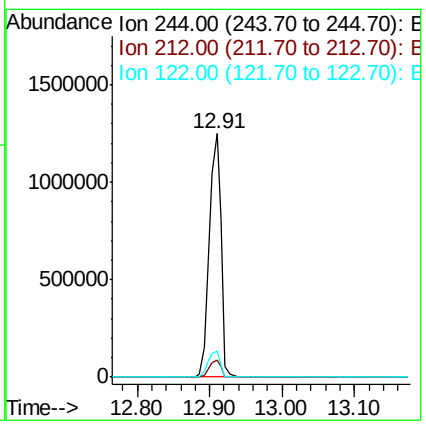


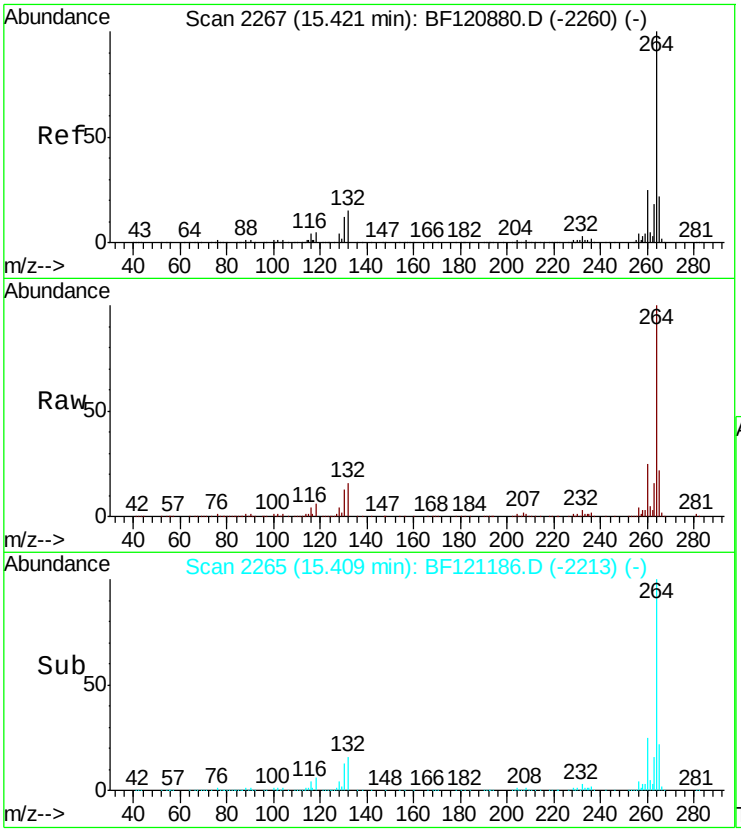


#79
Terphenyl-d14
Concen: 64.765 ng
RT: 12.91 min Scan# 1840
Delta R.T. -0.00 min
Lab File: BF121186.D
Acq: 5 Aug 2020 10:57

Tgt Ion:244 Resp: 1401946

Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.7	8.5
122	10.5	8.3	12.5





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.41 min Scan# 2265
Delta R.T. 0.01 min
Lab File: BF121186.D
Acq: 5 Aug 2020 10:57

Instrument :
BNA_F
ClientSampleId :
PB130683BL

Tgt Ion:264 Resp: 457659

Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.9	29.9
265	21.7	17.8	26.8