Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072120\
Data File : BF120948.D
Acq On : 21 Jul 2020 9:34
Operator : JU/CG
Sample : PB130301BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB130301BL

Quant Time: Jul 21 11:32:01 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071620.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 16 14:20:32 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	177318	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	681376	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	359984	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	698975	20.00	ng	0.00
76) Chrysene-d12	13.97	240	602613	20.00	ng	0.00
86) Perylene-d12	15.42	264	581083	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	1221270	112.91	ng	0.02
7) Phenol-d6	6.45	99	1479676	105.90	ng	0.00
23) Nitrobenzene-d5	7.37	82	931366	79.09	ng	0.00
42) 2,4,6-Tribromophenol	10.64	330	444901	112.91	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	1694917	70.30	ng	0.00
79) Terphenyl-d14	12.93	244	1685295	60.79	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.45	77	2176	Below Cal	#	1
19) n-Nitroso-di-n-propylamine	7.37	70	122192	15.380	ng	# 77
25) Isophorone	7.37	82	922141	39.237	ng	# 63
50) Dimethylphthalate	9.85	163	77177	2.972	ng	# 1
51) 2,6-Dinitrotoluene	9.85	165	46394	8.315	ng	# 23
57) 2,4-Dinitrotoluene	9.85	165	46394	6.332	ng	# 27
65) 4,6-Dinitro-2-methylphenol	10.64	198	895	4.046	ng	# 1
67) 4-Bromophenyl-phenylether	10.64	248	25654	3.292	ng	# 1

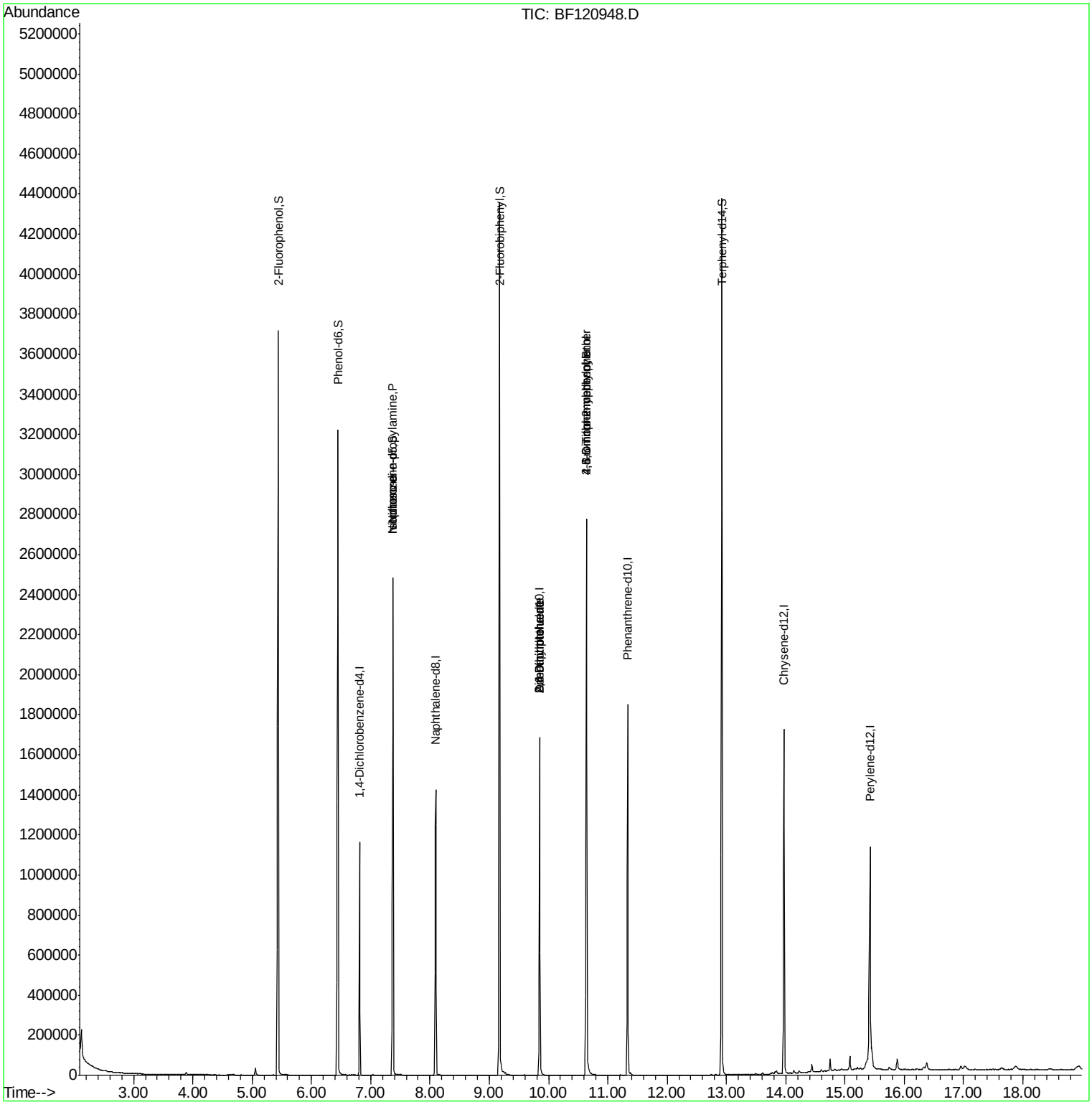
(#) = qualifier out of range (m) = manual integration (+) = signals summed

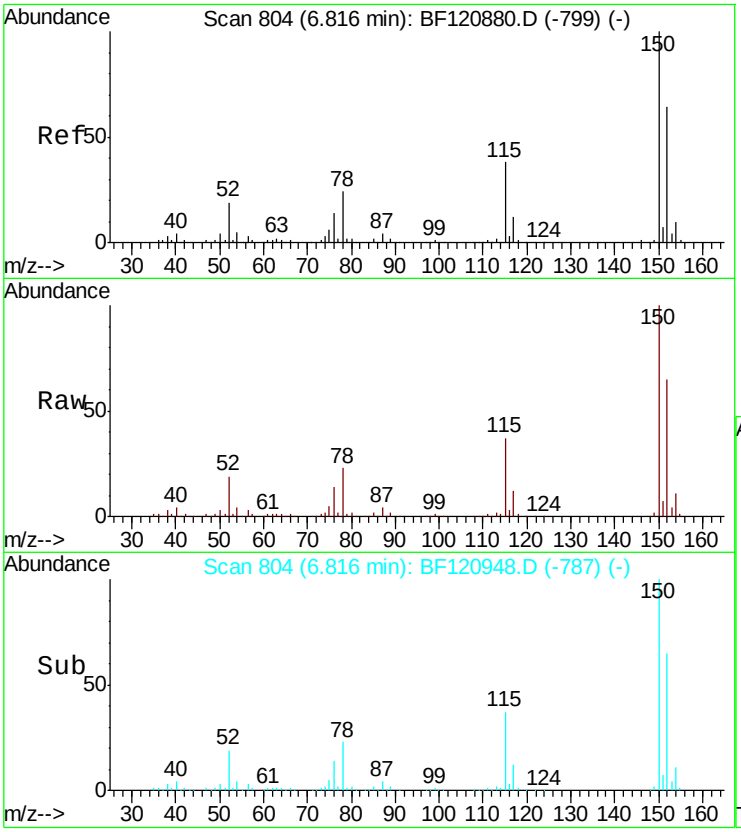
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072120\
Data File : BF120948.D
Acq On : 21 Jul 2020 9:34
Operator : JU/CG
Sample : PB130301BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB130301BL

Quant Time: Jul 21 11:32:01 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071620.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 16 14:20:32 2020
Response via : Initial Calibration



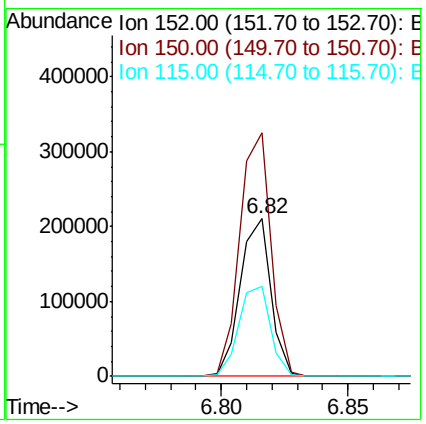


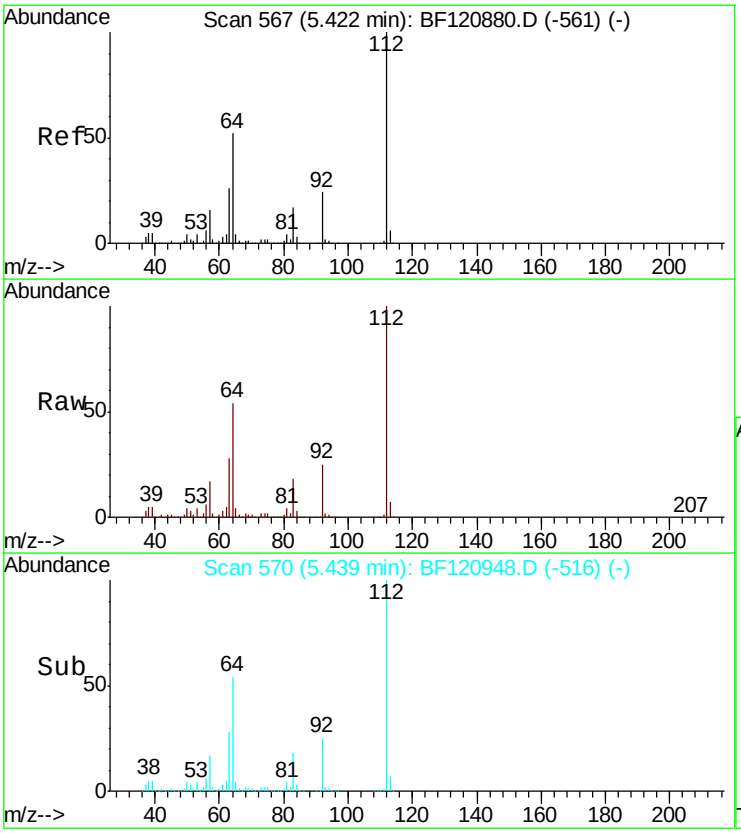
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 804
Delta R.T. 0.00 min
Lab File: BF120948.D
Acq: 21 Jul 2020 9:34

Instrument :
BNA_F
ClientSampleId :
PB130301BL

Tgt Ion:152 Resp: 177318

Ion	Ratio	Lower	Upper
152	100		
150	154.5	125.0	187.6
115	57.2	47.0	70.4

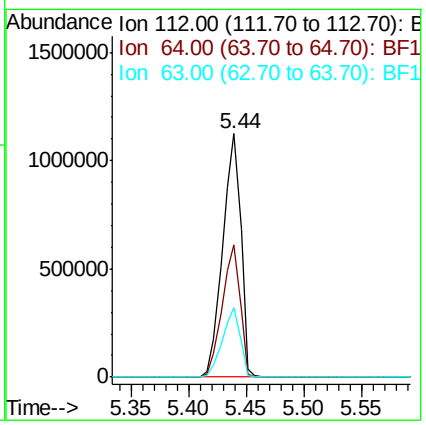


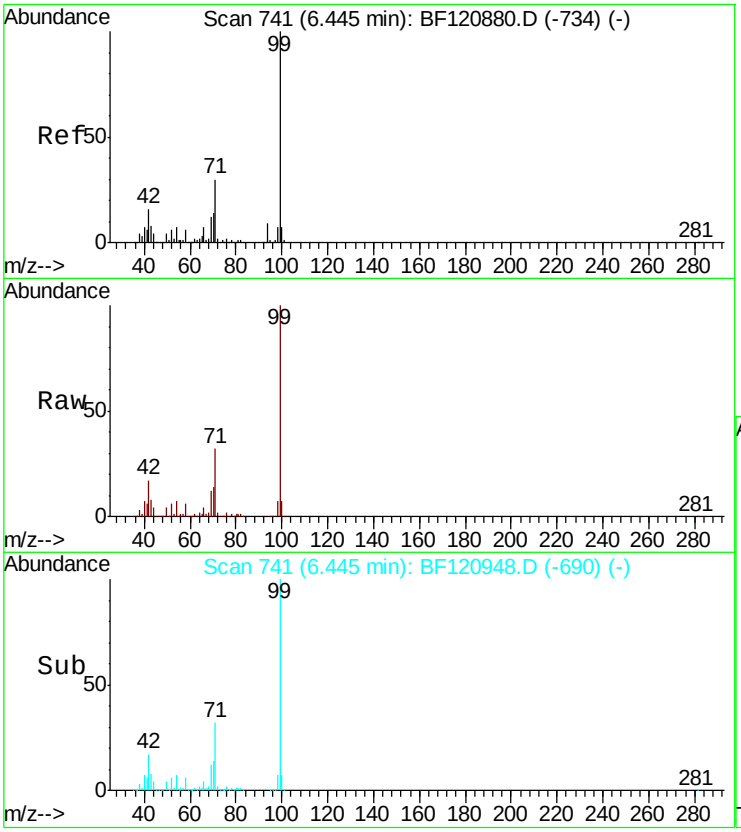


#5
2-Fluorophenol
Concen: 112.910 ng
RT: 5.44 min Scan# 570
Delta R.T. 0.02 min
Lab File: BF120948.D
Acq: 21 Jul 2020 9:34

Tgt Ion:112 Resp: 1221270

Ion	Ratio	Lower	Upper
112	100		
64	54.3	41.3	61.9
63	28.4	21.1	31.7



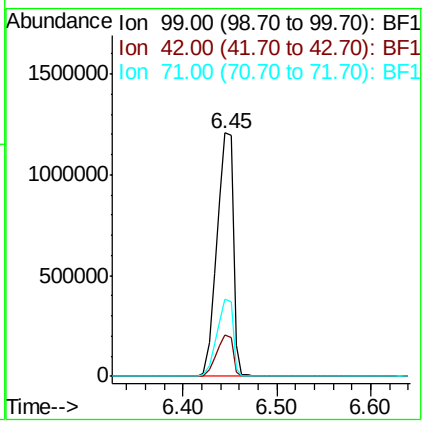


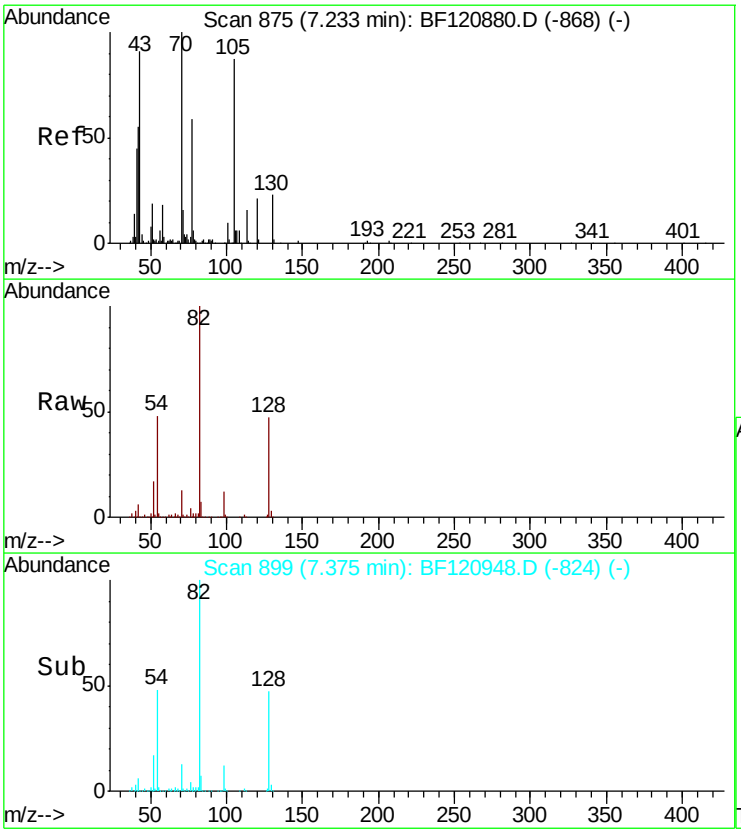
#7
Phenol-d6
Concen: 105.903 ng
RT: 6.45 min Scan# 741
Delta R.T. 0.00 min
Lab File: BF120948.D
Acq: 21 Jul 2020 9:34

Instrument :
BNA_F
ClientSampleId :
PB130301BL

Tgt Ion: 99 Resp: 1479676

Ion	Ratio	Lower	Upper
99	100		
42	17.1	13.1	19.7
71	31.7	24.2	36.4

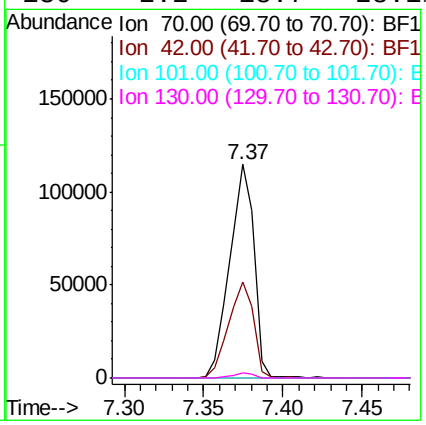


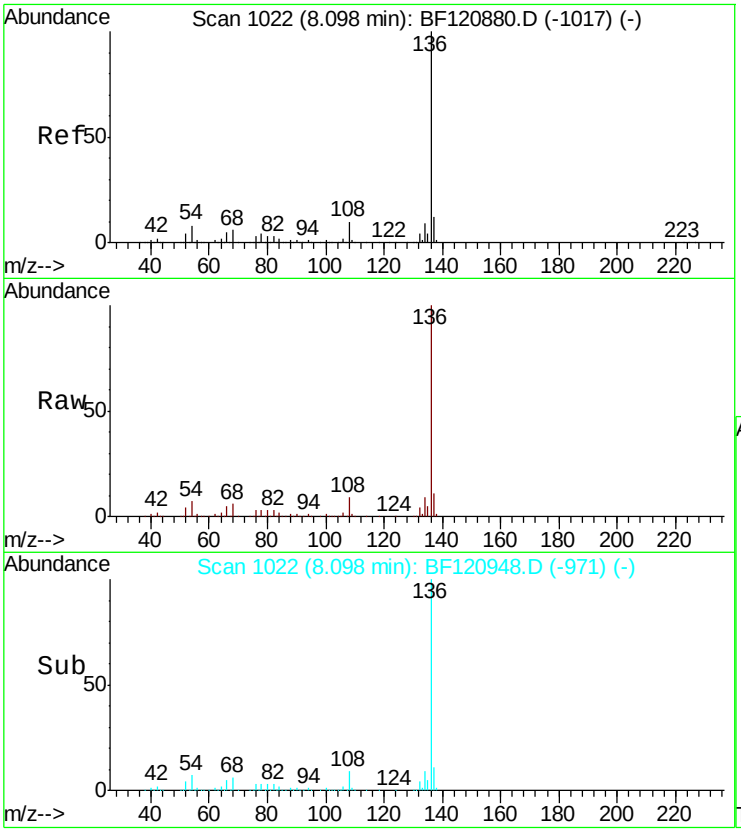


#19
n-Nitroso-di-n-propylamine
Concen: 15.380 ng
RT: 7.37 min Scan# 899
Delta R.T. 0.14 min
Lab File: BF120948.D
Acq: 21 Jul 2020 9:34

Tgt Ion: 70 Resp: 122192

Ion	Ratio	Lower	Upper
70	100		
42	45.1	44.0	66.0
101	0.0	7.8	11.6#
130	2.2	18.7	28.1#



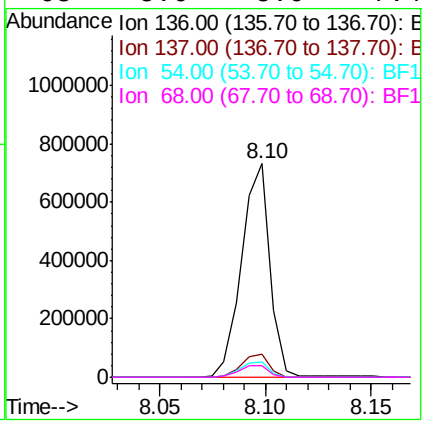


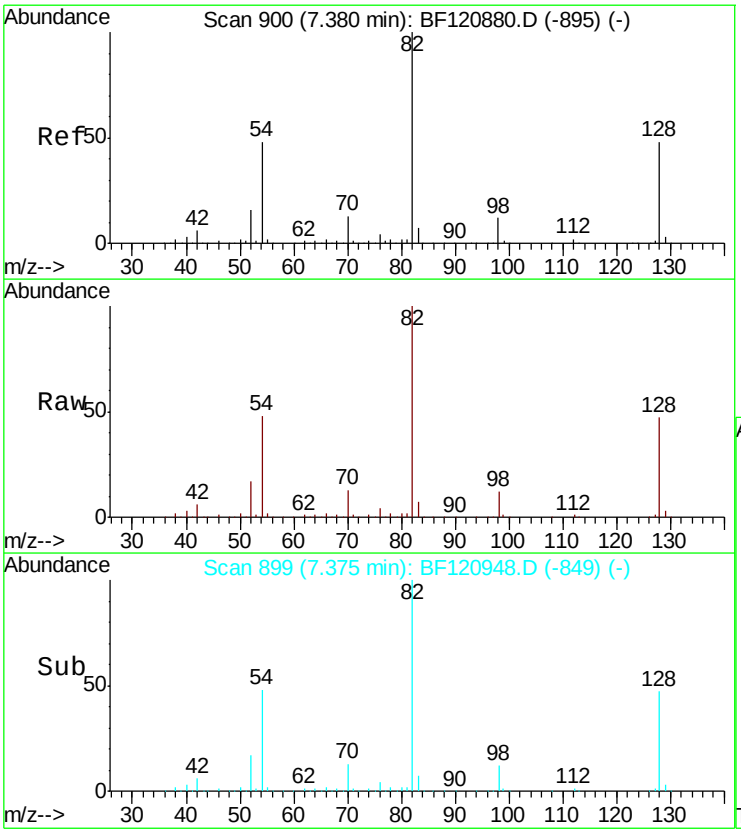
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.10 min Scan# 1022
Delta R.T. 0.00 min
Lab File: BF120948.D
Acq: 21 Jul 2020 9:34

Instrument :
BNA_F
ClientSampleId :
PB130301BL

Tgt Ion:136 Resp: 681376

Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.3	13.9
54	6.9	6.3	9.5
68	5.6	5.0	7.4

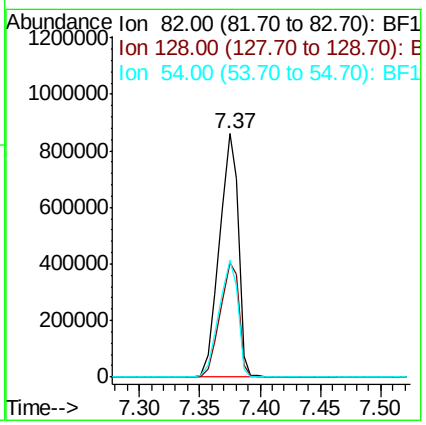


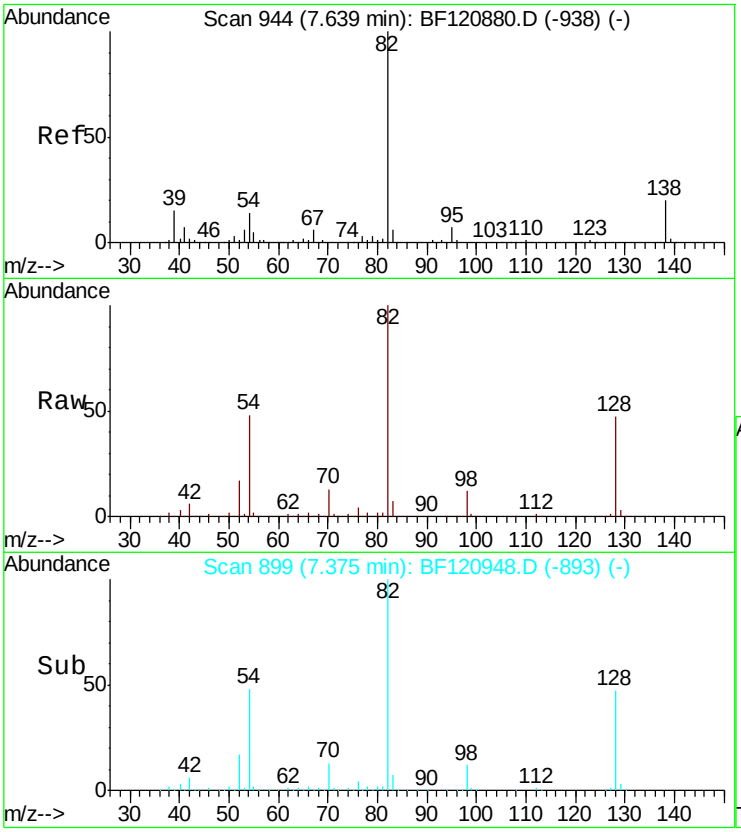


#23
Nitrobenzene-d5
Concen: 79.092 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.01 min
Lab File: BF120948.D
Acq: 21 Jul 2020 9:34

Tgt Ion: 82 Resp: 931366

Ion	Ratio	Lower	Upper
82	100		
128	47.0	38.2	57.4
54	48.3	38.7	58.1



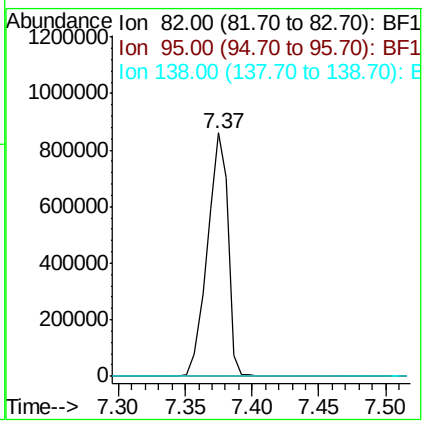


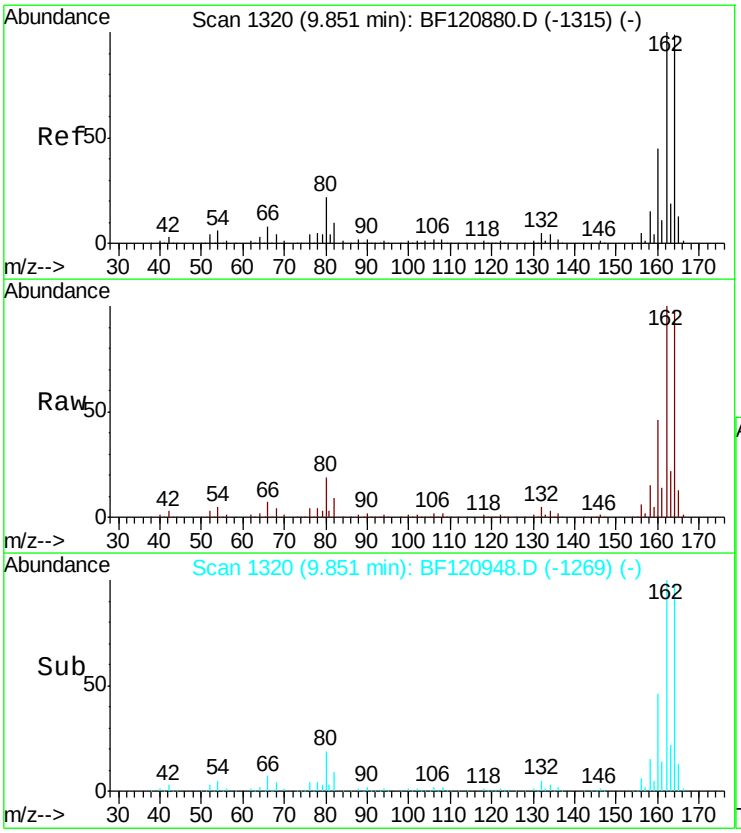
#25
Isophorone
Concen: 39.237 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.26 min
Lab File: BF120948.D
Acq: 21 Jul 2020 9:34

Instrument :
BNA_F
ClientSampleId :
PB130301BL

Tgt Ion: 82 Resp: 922141

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.5	8.3#
138	0.0	15.6	23.4#

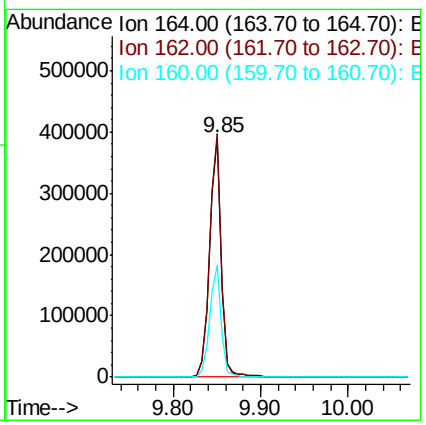


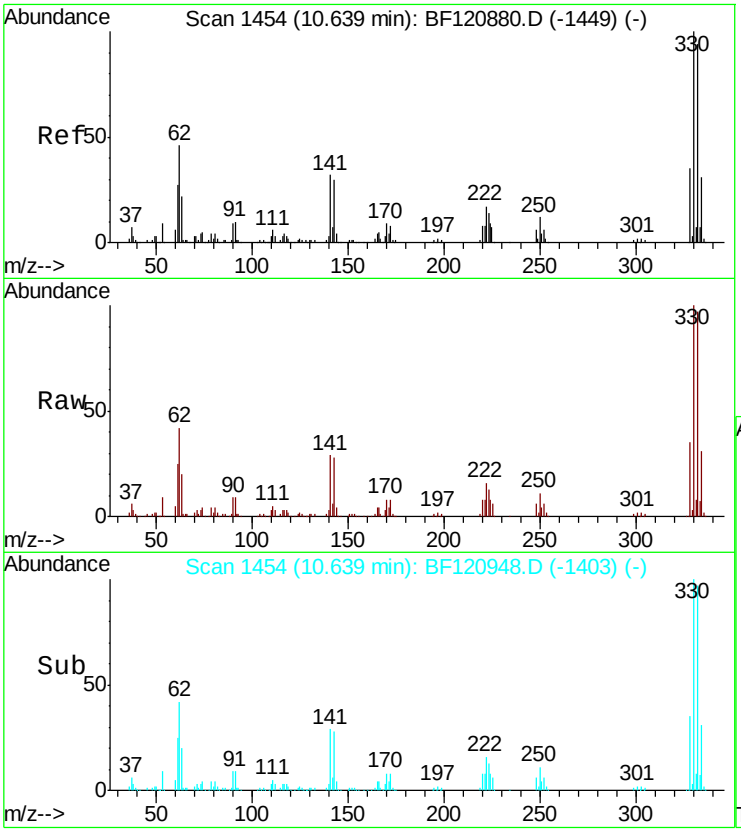


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1320
Delta R.T. 0.00 min
Lab File: BF120948.D
Acq: 21 Jul 2020 9:34

Tgt Ion:164 Resp: 359984

Ion	Ratio	Lower	Upper
164	100		
162	102.1	81.2	121.8
160	46.8	36.9	55.3



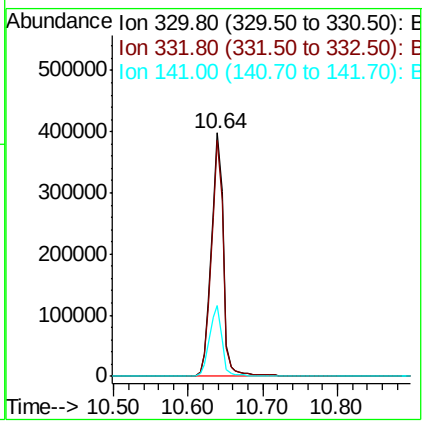


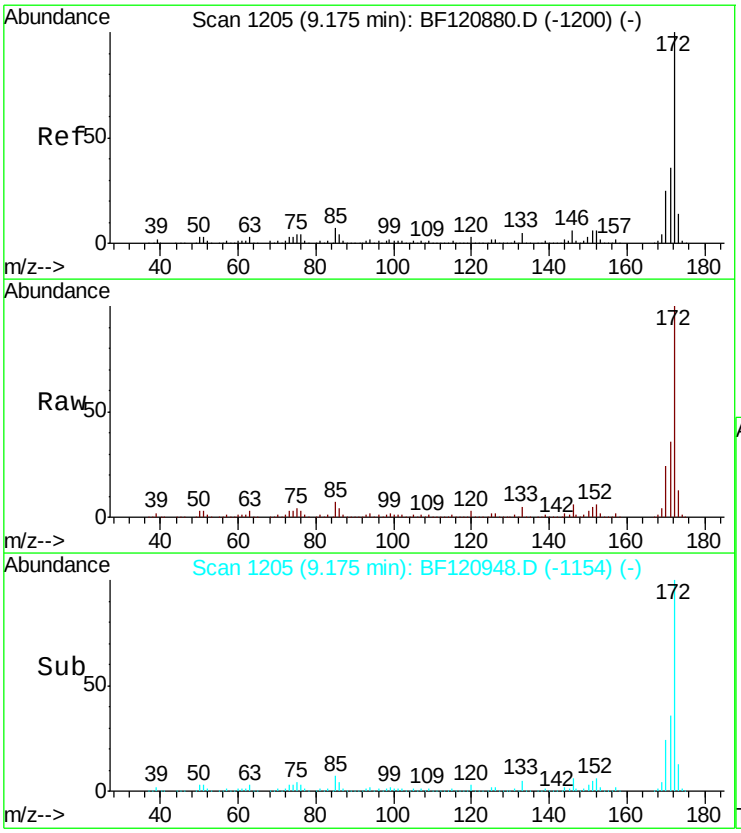
#42
2,4,6-Tribromophenol
Concen: 112.908 ng
RT: 10.64 min Scan# 1454
Delta R.T. 0.00 min
Lab File: BF120948.D
Acq: 21 Jul 2020 9:34

Instrument :
BNA_F
ClientSampleId :
PB130301BL

Tgt Ion:330 Resp: 444901

Ion	Ratio	Lower	Upper
330	100		
332	95.4	75.5	113.3
141	30.3	25.7	38.5

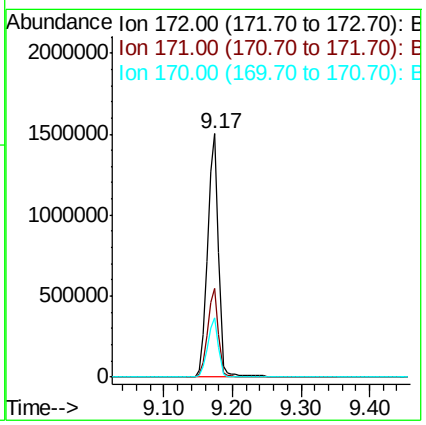


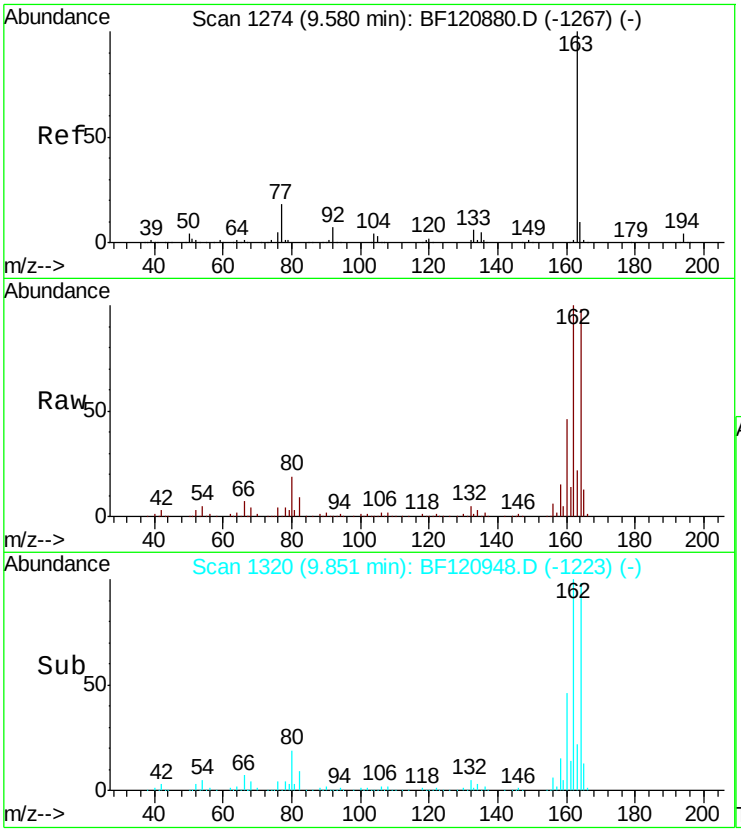


#45
2-Fluorobiphenyl
Concen: 70.297 ng
RT: 9.17 min Scan# 1205
Delta R.T. 0.00 min
Lab File: BF120948.D
Acq: 21 Jul 2020 9:34

Tgt Ion:172 Resp: 1694917

Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.0	43.4
170	24.2	19.6	29.4



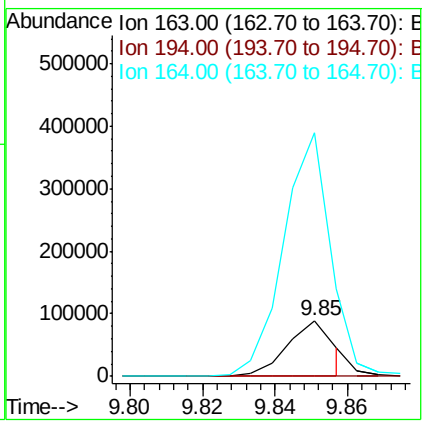


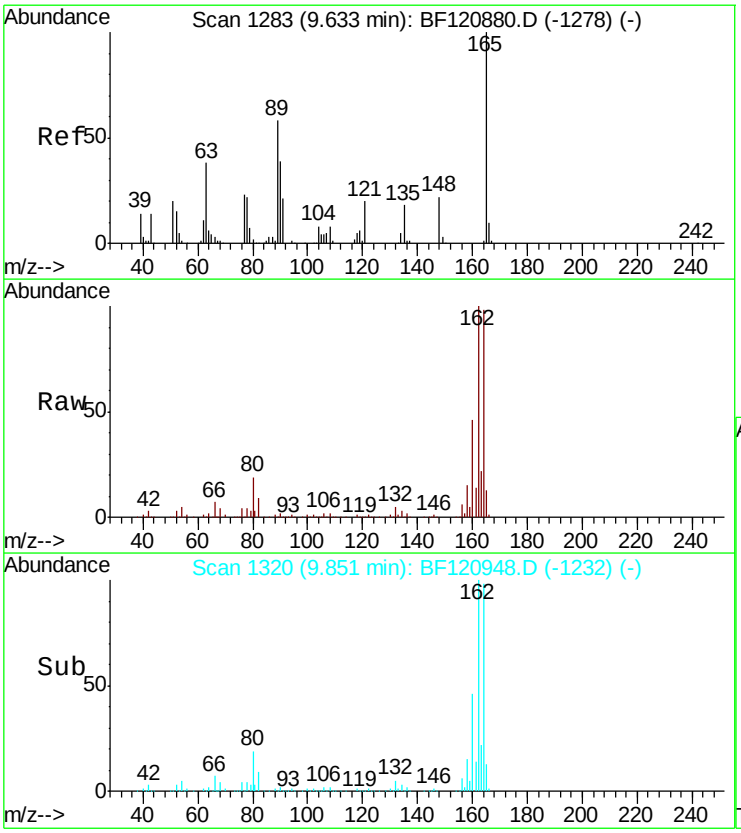
#50
Dimethylphthalate
Concen: 2.972 ng
RT: 9.85 min Scan# 1320
Delta R.T. 0.27 min
Lab File: BF120948.D
Acq: 21 Jul 2020 9:34

Instrument :
BNA_F
ClientSampleId :
PB130301BL

Tgt Ion:163 Resp: 77177

Ion	Ratio	Lower	Upper
163	100		
194	0.0	3.2	4.8#
164	435.7	7.9	11.9#

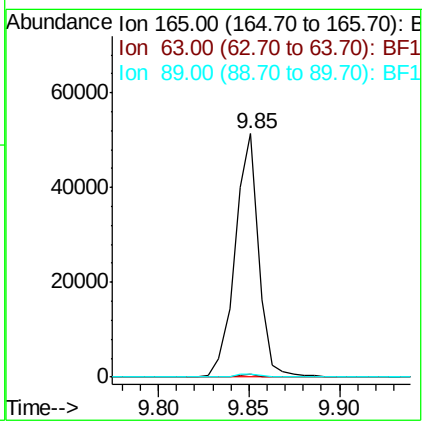


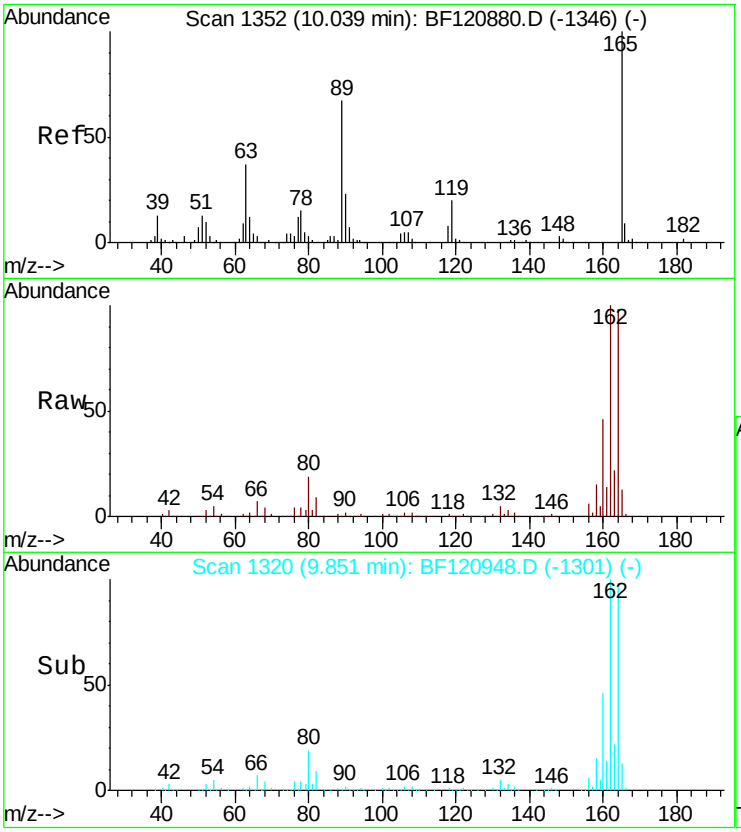


#51
2,6-Dinitrotoluene
Concen: 8.315 ng
RT: 9.85 min Scan# 1320
Delta R.T. 0.22 min
Lab File: BF120948.D
Acq: 21 Jul 2020 9:34

Tgt Ion:165 Resp: 46394

Ion	Ratio	Lower	Upper
165	100		
63	1.0	45.4	68.2#
89	1.0	47.0	70.4#



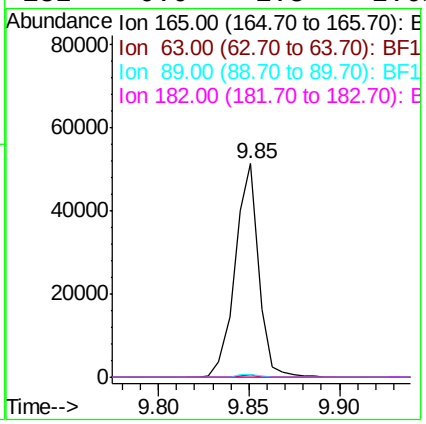


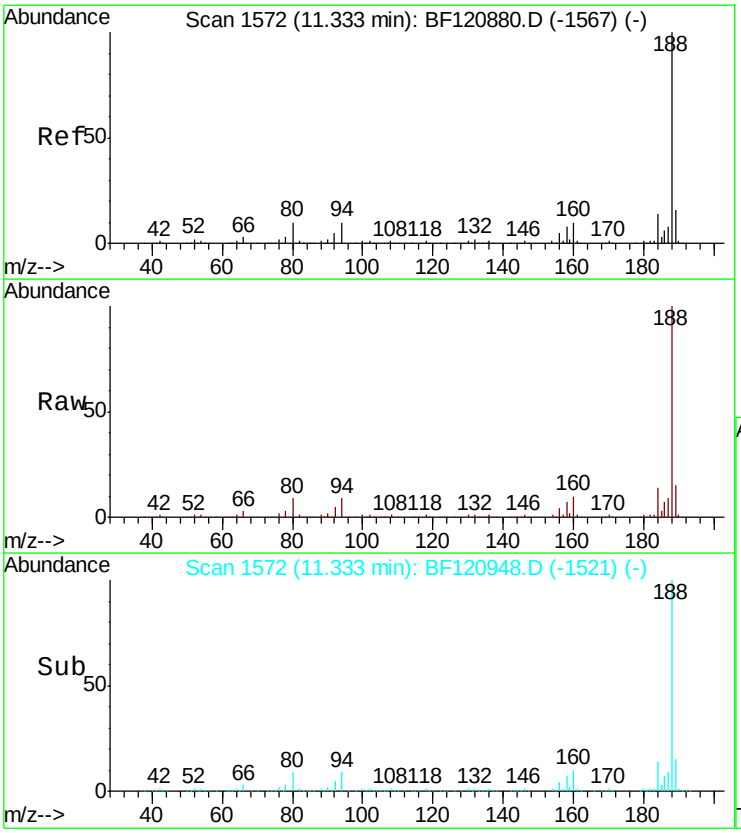
#57
2,4-Dinitrotoluene
Concen: 6.332 ng
RT: 9.85 min Scan# 1320
Delta R.T. -0.19 min
Lab File: BF120948.D
Acq: 21 Jul 2020 9:34

Instrument :
BNA_F
ClientSampleId :
PB130301BL

Tgt Ion:165 Resp: 46394

Ion	Ratio	Lower	Upper
165	100		
63	1.0	29.4	44.2#
89	1.0	53.4	80.0#
182	0.0	1.8	2.6#

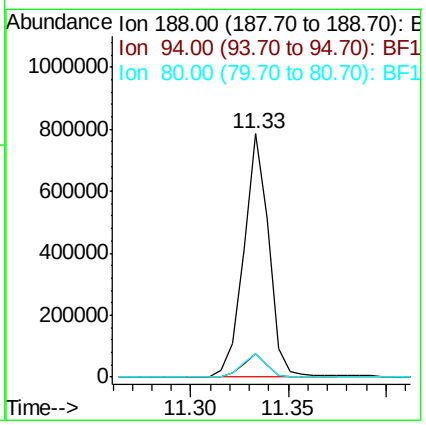


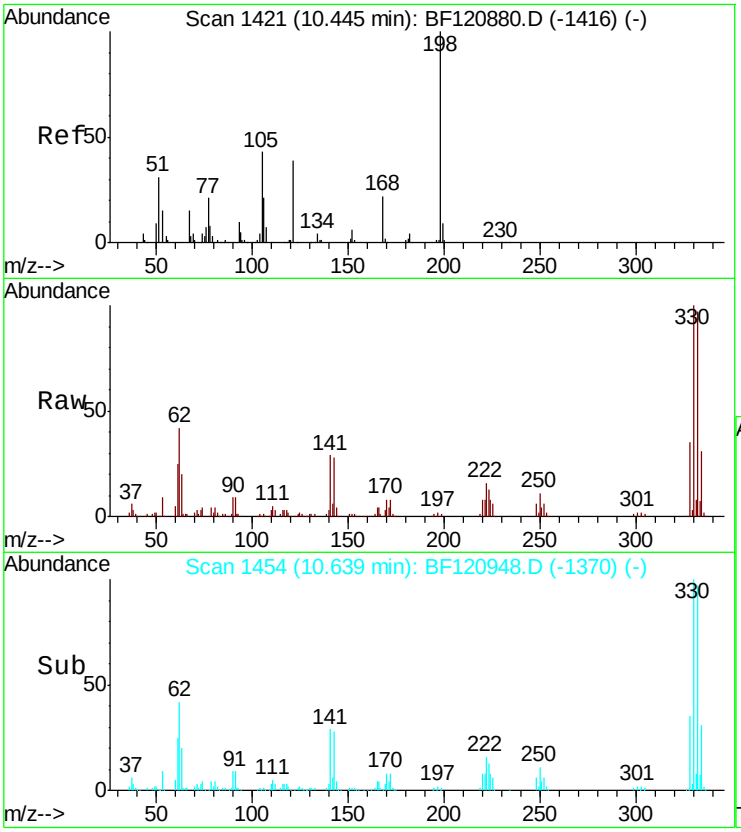


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1572
Delta R.T. 0.00 min
Lab File: BF120948.D
Acq: 21 Jul 2020 9:34

Tgt Ion:188 Resp: 698975

Ion	Ratio	Lower	Upper
188	100		
94	9.4	8.0	12.0
80	9.5	8.3	12.5



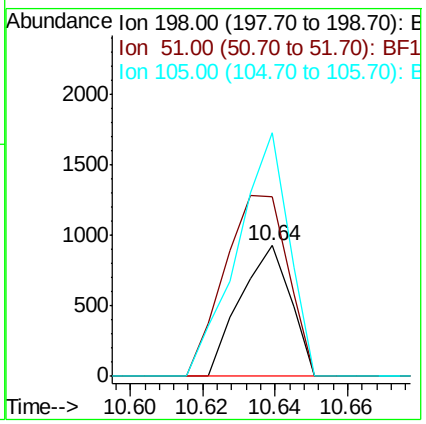


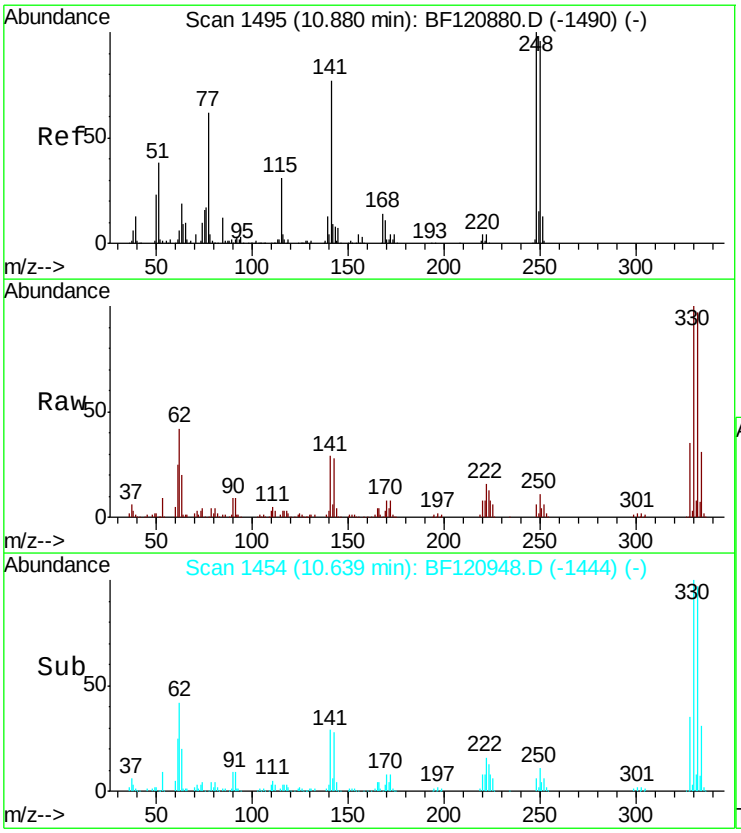
#65
4,6-Dinitro-2-methylphenol
Concen: 4.046 ng
RT: 10.64 min Scan# 1454
Delta R.T. 0.19 min
Lab File: BF120948.D
Acq: 21 Jul 2020 9:34

Instrument :
BNA_F
ClientSampleId :
PB130301BL

Tgt Ion:198 Resp: 895

Ion	Ratio	Lower	Upper
198	100		
51	137.4	19.5	59.5#
105	186.3	24.4	64.4#

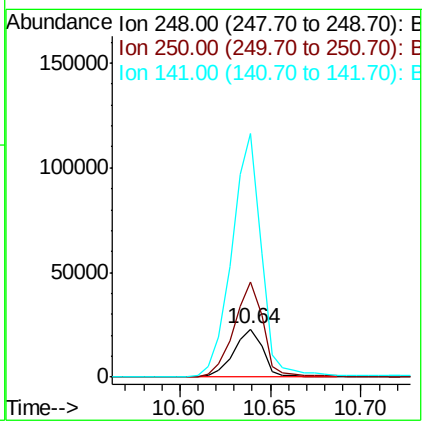


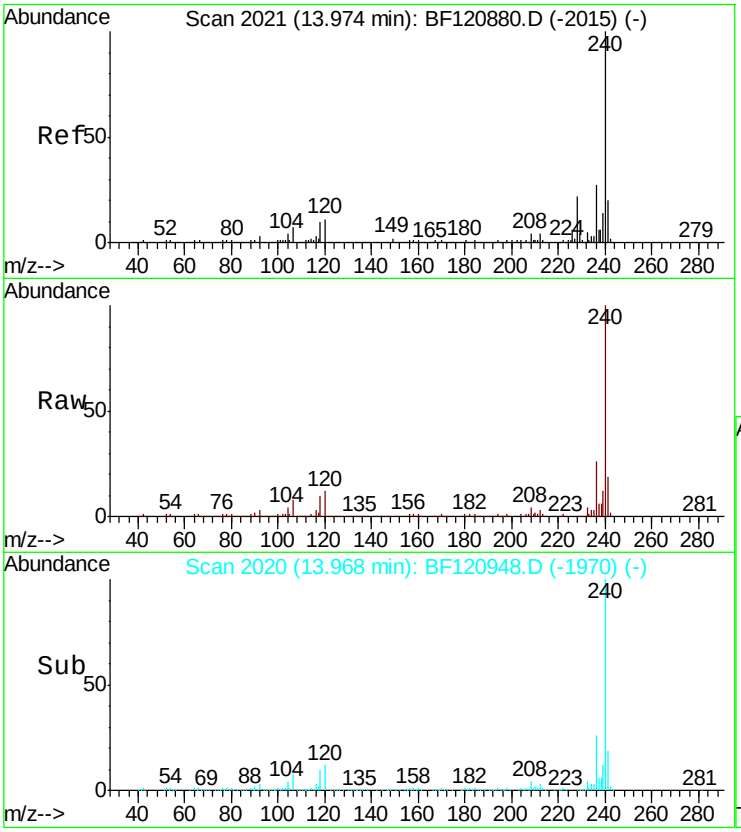


#67
4-Bromophenyl-phenylether
Concen: 3.292 ng
RT: 10.64 min Scan# 1454
Delta R.T. -0.24 min
Lab File: BF120948.D
Acq: 21 Jul 2020 9:34

Tgt Ion:248 Resp: 25654

Ion	Ratio	Lower	Upper
248	100		
250	198.2	77.1	115.7#
141	506.7	61.2	91.8#



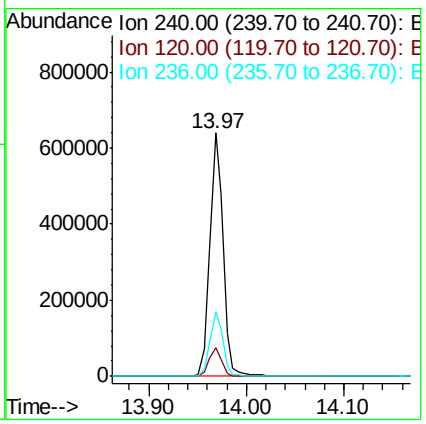


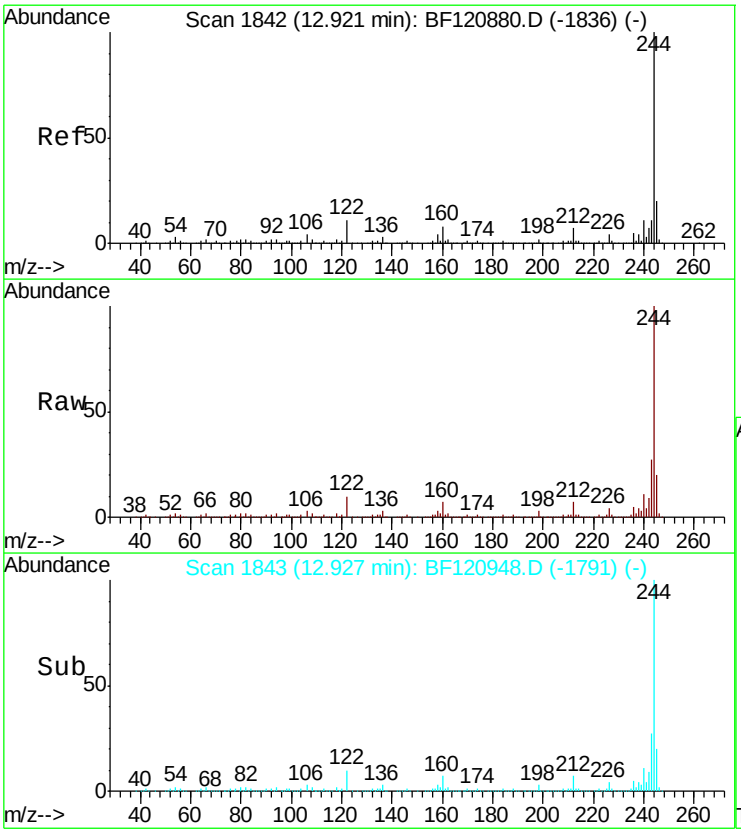
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.01 min
Lab File: BF120948.D
Acq: 21 Jul 2020 9:34

Instrument :
BNA_F
ClientSampleId :
PB130301BL

Tgt Ion:240 Resp: 602613

Ion	Ratio	Lower	Upper
240	100		
120	11.7	9.0	13.4
236	26.5	21.7	32.5

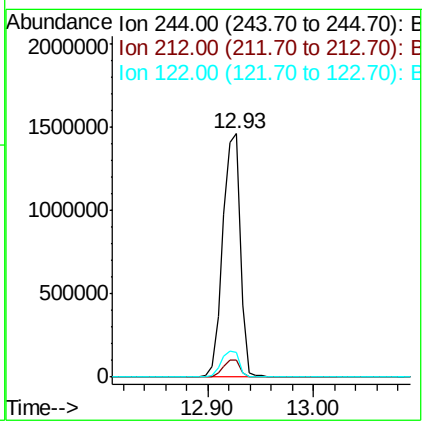


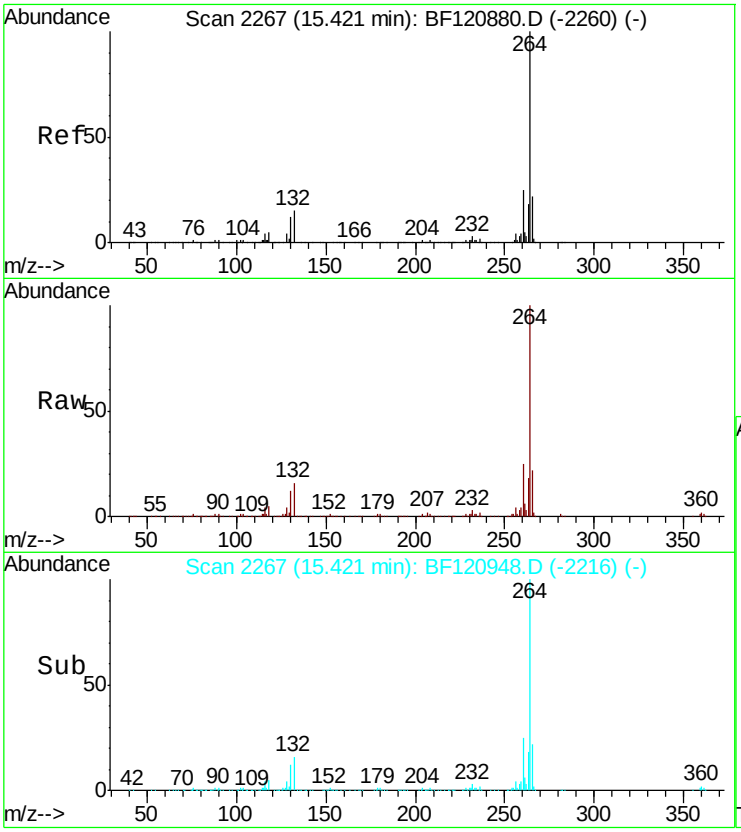


#79
Terphenyl-d14
Concen: 60.793 ng
RT: 12.93 min Scan# 1843
Delta R.T. 0.01 min
Lab File: BF120948.D
Acq: 21 Jul 2020 9:34

Tgt Ion:244 Resp: 1685295

Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.6	8.4
122	10.2	8.9	13.3





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.42 min Scan# 2267
Delta R.T. 0.00 min
Lab File: BF120948.D
Acq: 21 Jul 2020 9:34

Instrument :
BNA_F
ClientSampleId :
PB130301BL

Tgt Ion:264 Resp: 581083

Ion	Ratio	Lower	Upper
264	100		
260	24.8	20.0	30.0
265	22.1	17.4	26.2