Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF073120\
Data File : BF121157.D
Acq On : 31 Jul 2020 14:48
Operator : JU/CG
Sample : L3511-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-1

Quant Time: Jul 31 15:38:40 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	6.80	152	124418	20.00	ng	0.00
21) Naphthalene-d8	8.08	136	472300	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	241453	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	457575	20.00	ng	0.00
76) Chrysene-d12	13.96	240	320731	20.00	ng	0.00
86) Perylene-d12	15.42	264	290999	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	638208	84.09	ng	0.00
7) Phenol-d6	6.43	99	776859	79.24	ng	-0.01
23) Nitrobenzene-d5	7.36	82	504281	61.78	ng	-0.02
42) 2,4,6-Tribromophenol	10.63	330	220826	83.55	ng	0.00
45) 2-Fluorobiphenyl	9.16	172	916908	56.70	ng	0.00
79) Terphenyl-d14	12.91	244	913849	61.94	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.43	77	1124	Below Cal	#	1
19) n-Nitroso-di-n-propylamine	7.36	70	65886	11.819	ng	# 78
25) Isophorone	7.36	82	491971	30.200	ng	# 62
50) Dimethylphthalate	9.55	163	86717	4.978	ng	99
51) 2,6-Dinitrotoluene	9.83	165	31339	8.374	ng	# 27
57) 2,4-Dinitrotoluene	9.83	165	31339	6.377	ng	# 30
65) 4,6-Dinitro-2-methylphenol	10.63	198	319	3.953	ng	# 1
67) 4-Bromophenyl-phenylether	10.63	248	12654	2.480	ng	# 1

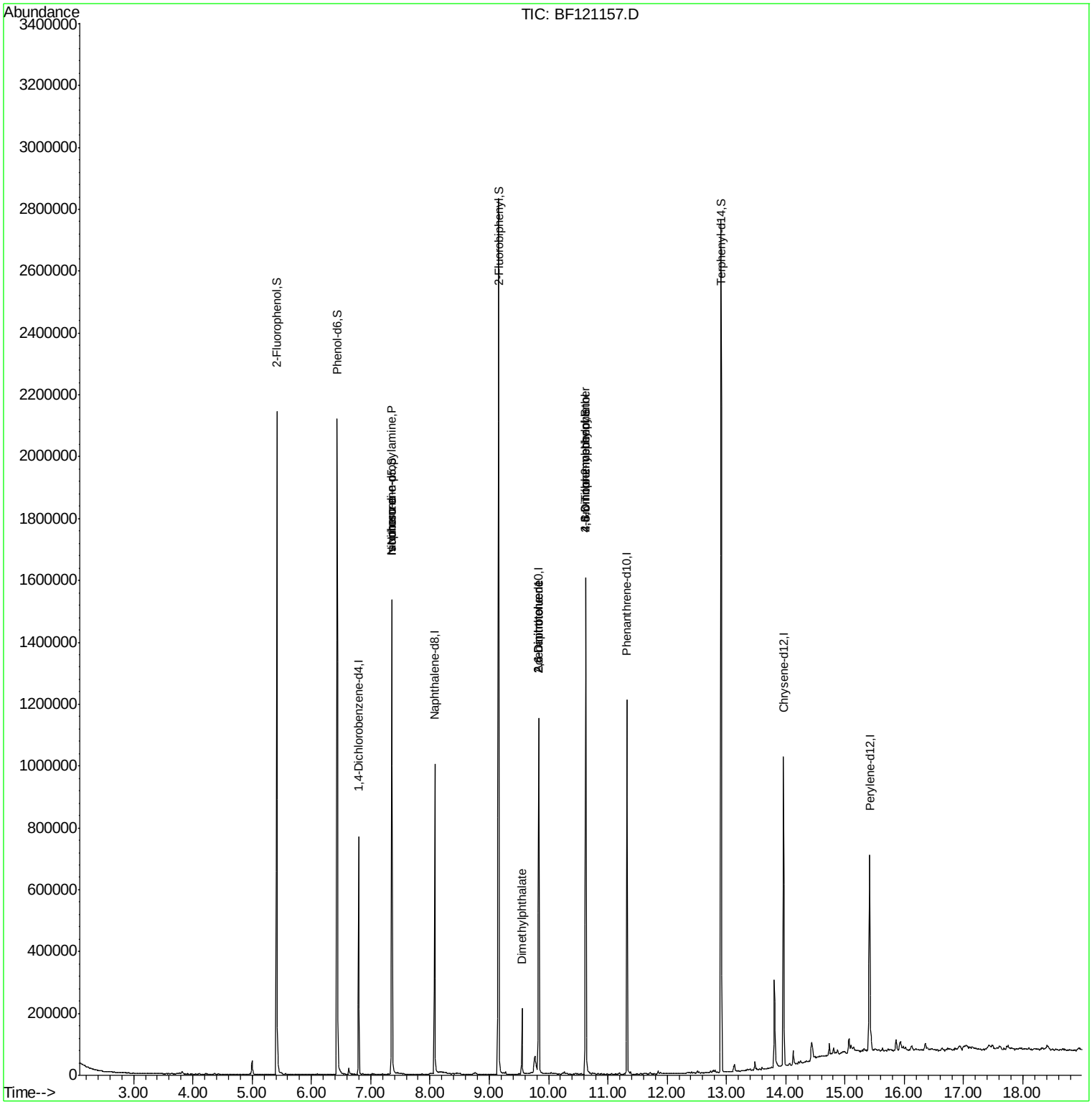
(#) = qualifier out of range (m) = manual integration (+) = signals summed

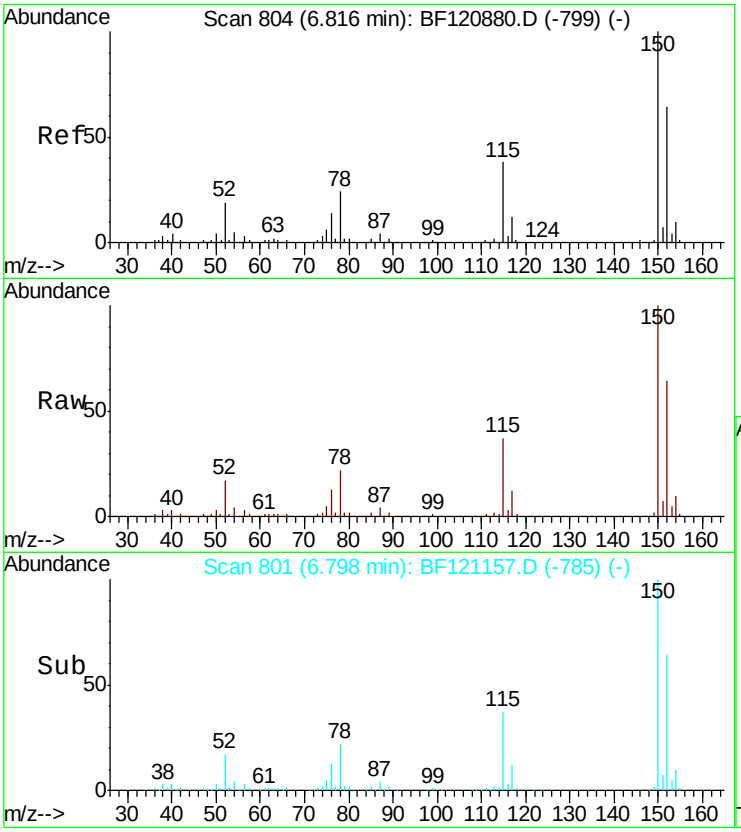
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF073120\
Data File : BF121157.D
Acq On : 31 Jul 2020 14:48
Operator : JU/CG
Sample : L3511-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-1

Quant Time: Jul 31 15:38:40 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



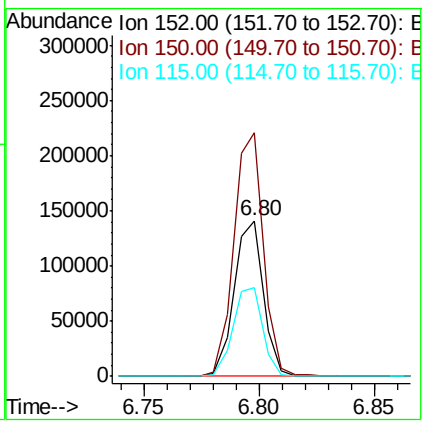


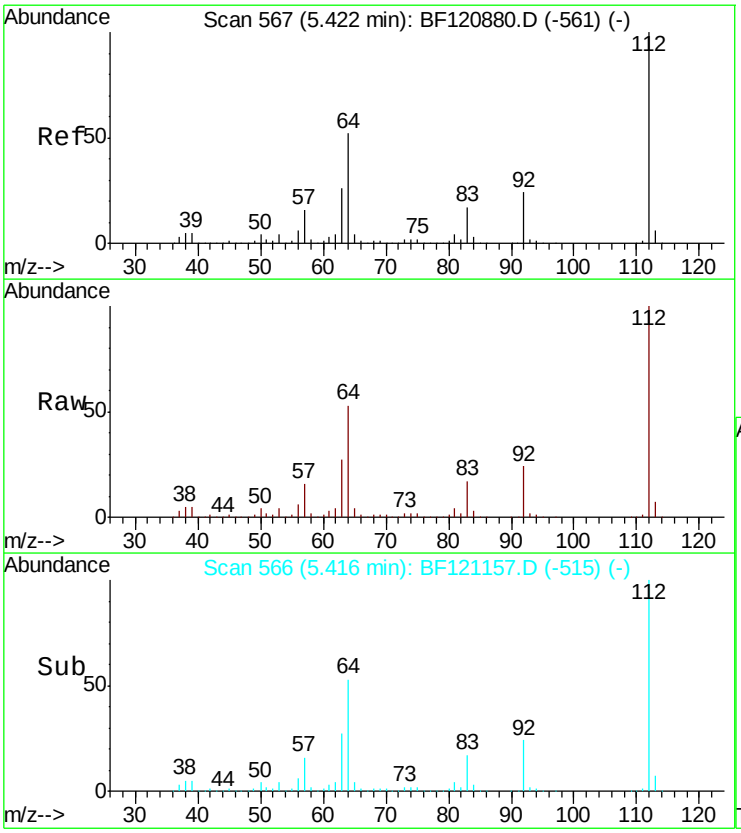
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 801
Delta R.T. -0.01 min
Lab File: BF121157.D
Acq: 31 Jul 2020 14:48

Instrument :
BNA_F
ClientSampleId :
TP-1

Tgt Ion:152 Resp: 124418

Ion	Ratio	Lower	Upper
152	100		
150	156.6	125.6	188.4
115	57.2	46.2	69.2

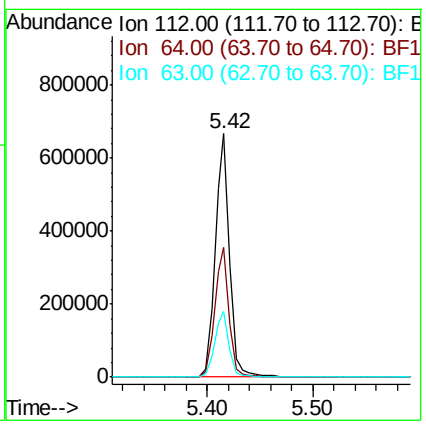


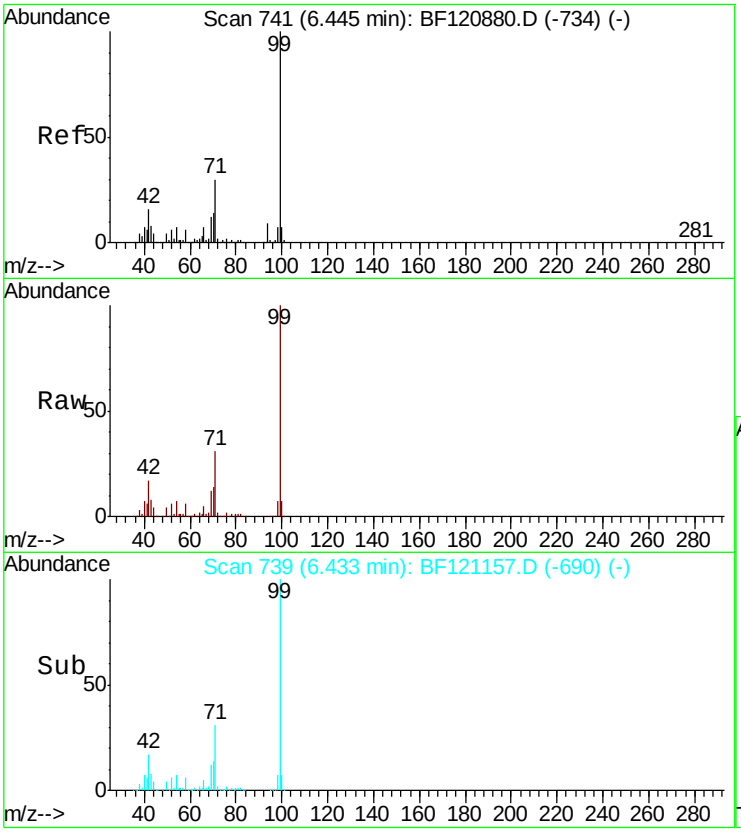


#5
2-Fluorophenol
Concen: 84.092 ng
RT: 5.42 min Scan# 566
Delta R.T. -0.00 min
Lab File: BF121157.D
Acq: 31 Jul 2020 14:48

Tgt Ion:112 Resp: 638208

Ion	Ratio	Lower	Upper
112	100		
64	53.3	43.9	65.9
63	27.1	22.7	34.1



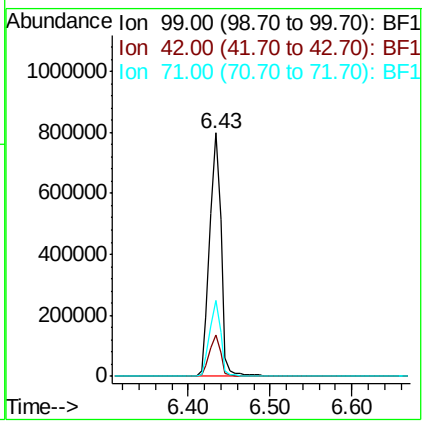


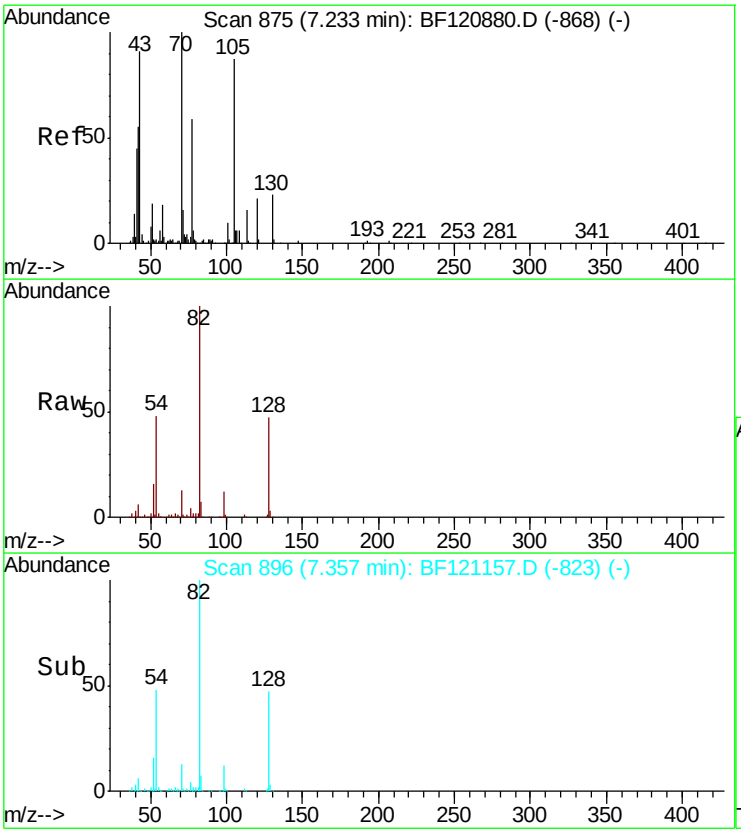
#7
Phenol-d6
Concen: 79.242 ng
RT: 6.43 min Scan# 739
Delta R.T. -0.01 min
Lab File: BF121157.D
Acq: 31 Jul 2020 14:48

Instrument :
BNA_F
ClientSampleId :
TP-1

Tgt Ion: 99 Resp: 776859

Ion	Ratio	Lower	Upper
99	100		
42	17.0	13.5	20.3
71	31.1	25.0	37.4

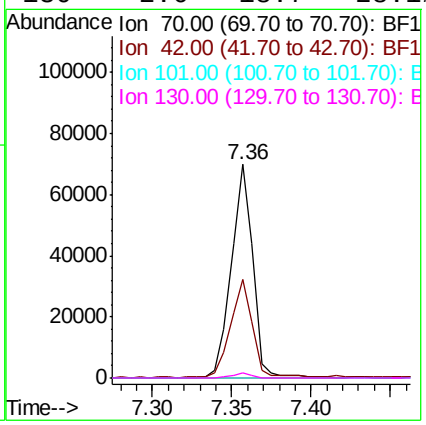


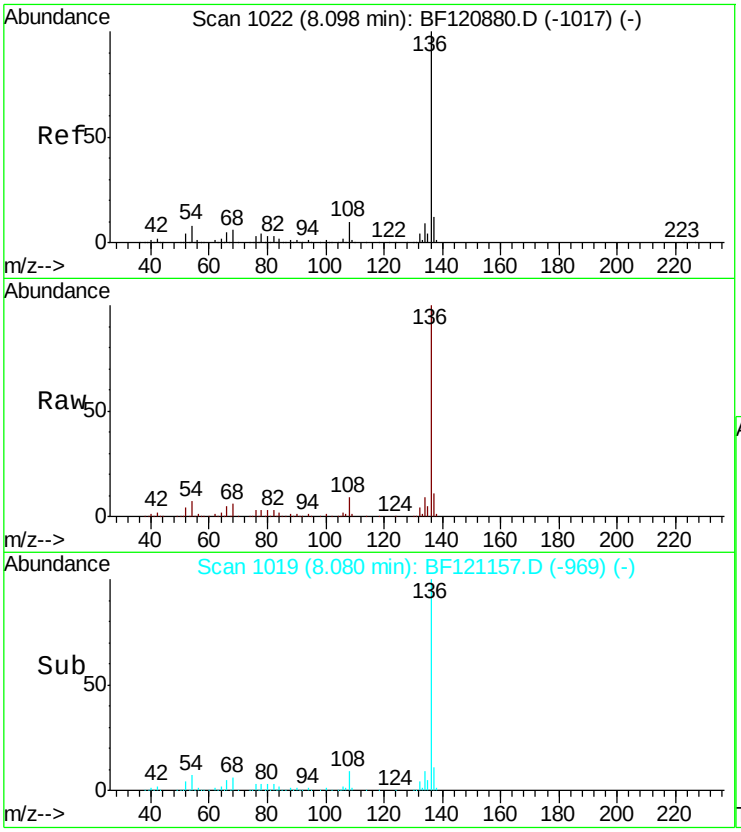


#19
n-Nitroso-di-n-propylamine
Concen: 11.819 ng
RT: 7.36 min Scan# 896
Delta R.T. 0.13 min
Lab File: BF121157.D
Acq: 31 Jul 2020 14:48

Tgt Ion: 70 Resp: 65886

Ion	Ratio	Lower	Upper
70	100		
42	46.0	43.3	64.9
101	0.0	8.4	12.6#
130	2.6	18.7	28.1#



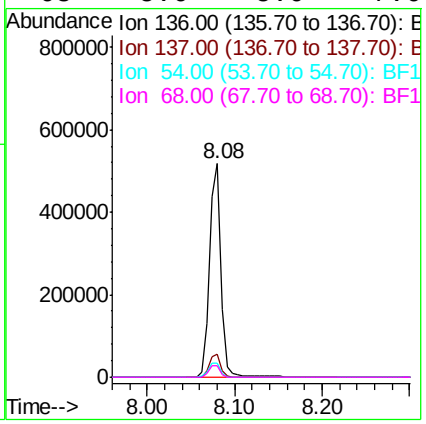


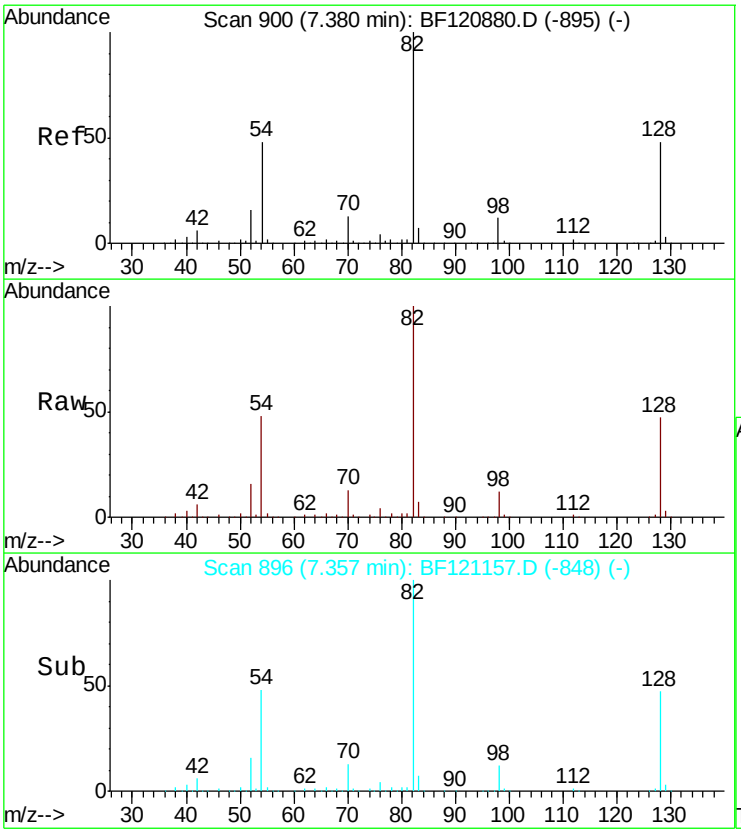
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.08 min Scan# 1019
Delta R.T. -0.01 min
Lab File: BF121157.D
Acq: 31 Jul 2020 14:48

Instrument :
BNA_F
ClientSampleId :
TP-1

Tgt Ion:136 Resp: 472300

Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.0	13.4
54	6.6	6.1	9.1
68	5.6	5.0	7.6

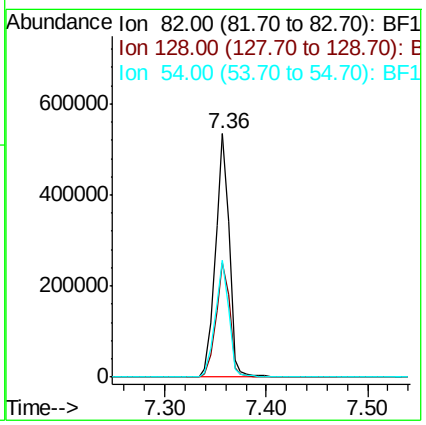


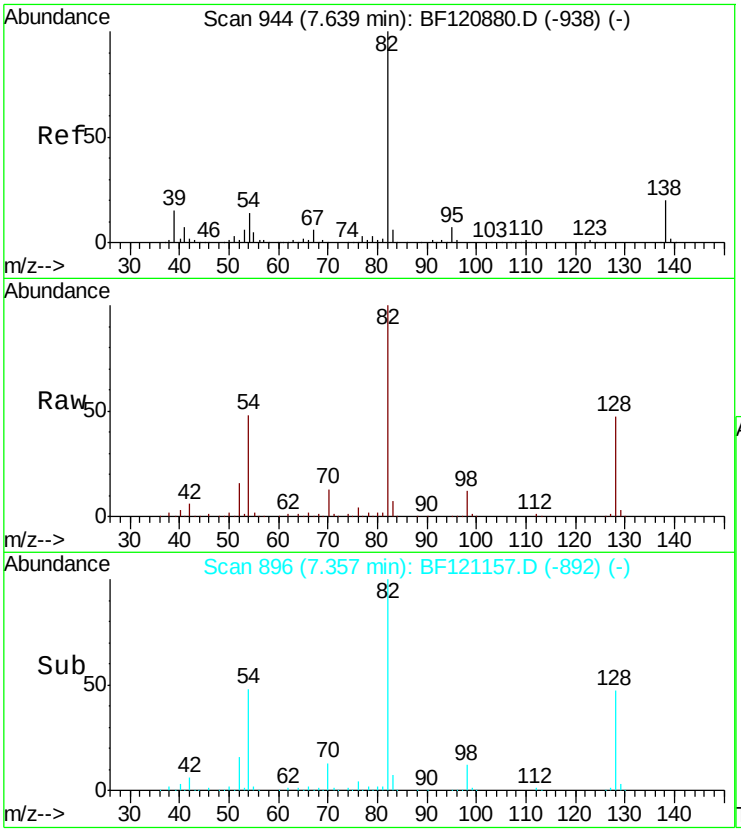


#23
Nitrobenzene-d5
Concen: 61.781 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.02 min
Lab File: BF121157.D
Acq: 31 Jul 2020 14:48

Tgt Ion: 82 Resp: 504281

Ion	Ratio	Lower	Upper
82	100		
128	46.8	39.2	58.8
54	47.8	37.8	56.8



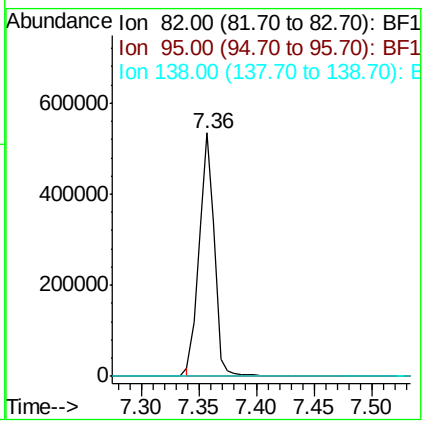


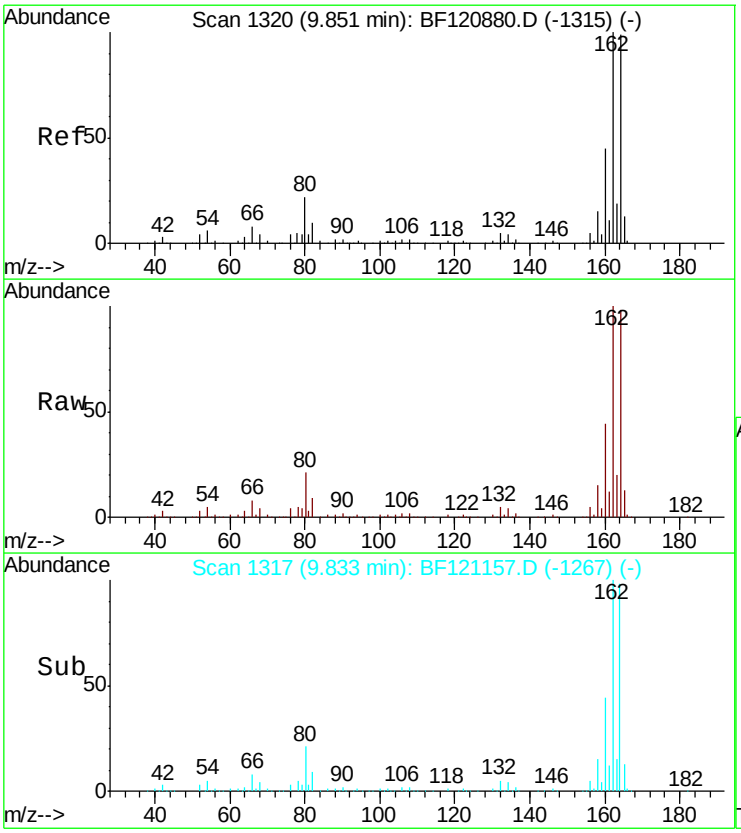
#25
Isophorone
Concen: 30.200 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.28 min
Lab File: BF121157.D
Acq: 31 Jul 2020 14:48

Instrument :
BNA_F
ClientSampleId :
TP-1

Tgt Ion: 82 Resp: 491971

Ion	Ratio	Lower	Upper
82	100		
95	0.1	5.5	8.3#
138	0.0	16.2	24.2#

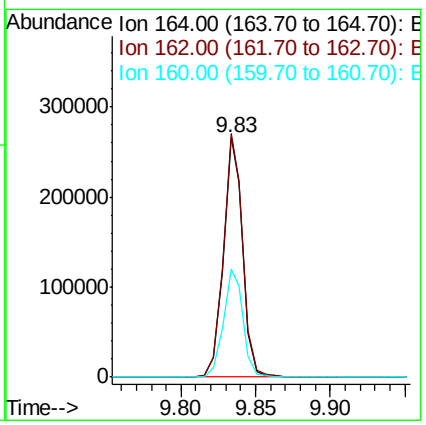


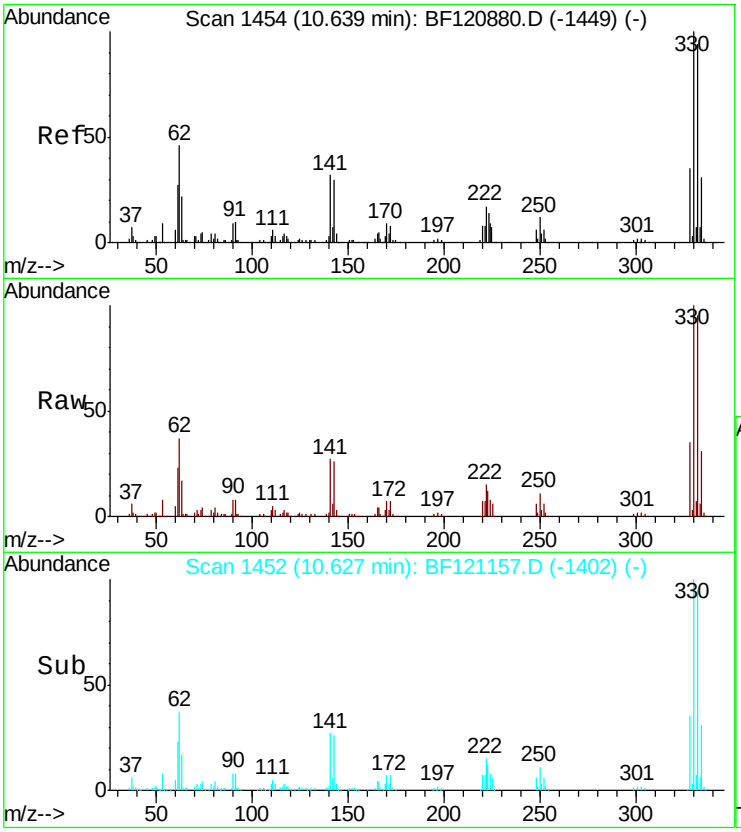


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1317
Delta R.T. -0.01 min
Lab File: BF121157.D
Acq: 31 Jul 2020 14:48

Tgt Ion:164 Resp: 241453

Ion	Ratio	Lower	Upper
164	100		
162	101.7	82.2	123.2
160	45.2	37.2	55.8



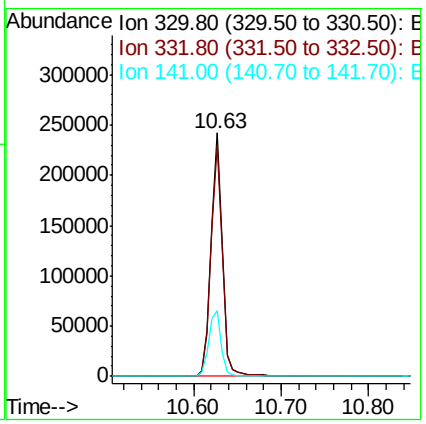


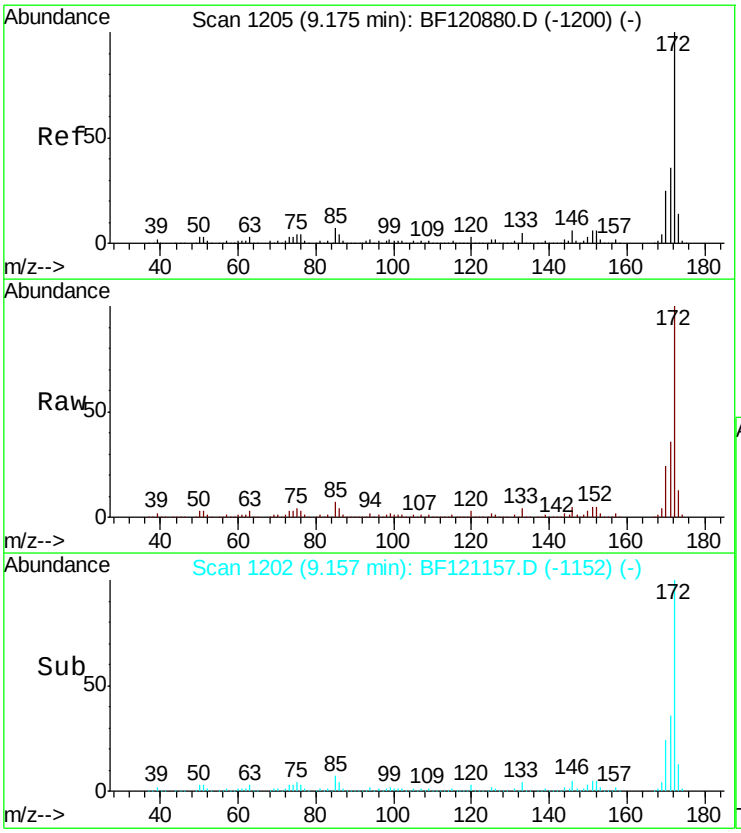
#42
2,4,6-Tribromophenol
Concen: 83.553 ng
RT: 10.63 min Scan# 1452
Delta R.T. -0.01 min
Lab File: BF121157.D
Acq: 31 Jul 2020 14:48

Instrument :
BNA_F
ClientSampleId :
TP-1

Tgt Ion:330 Resp: 220826

Ion	Ratio	Lower	Upper
330	100		
332	95.6	76.1	114.1
141	29.3	24.1	36.1

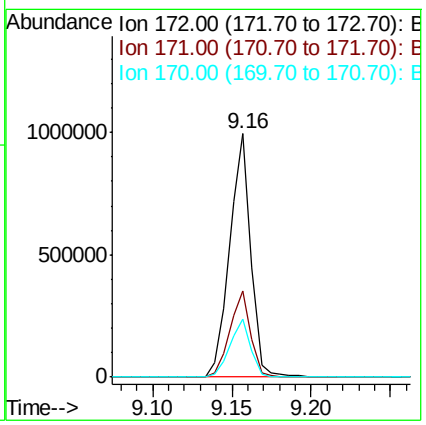


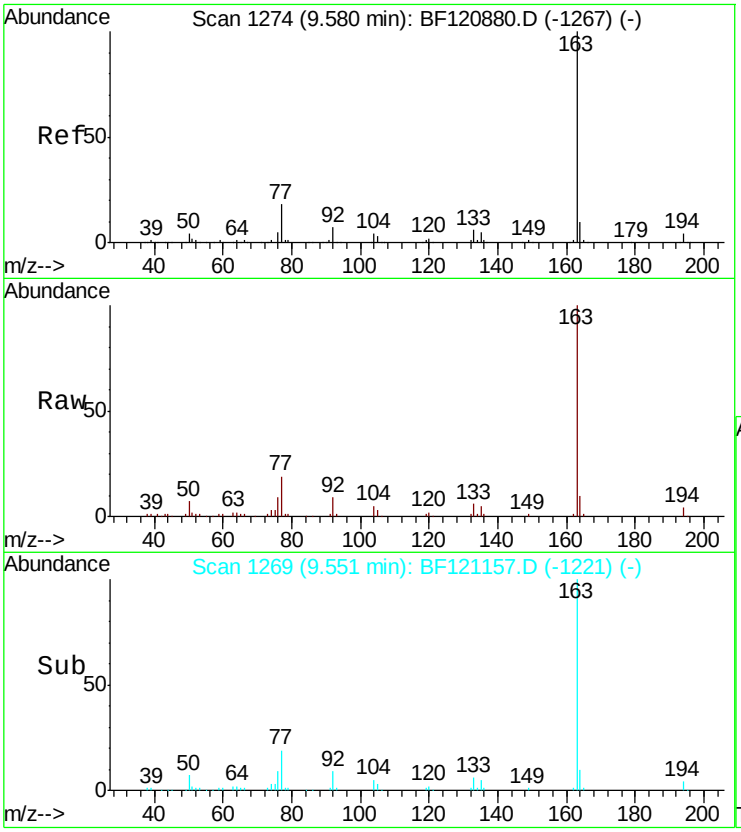


#45
2-Fluorobiphenyl
Concen: 56.698 ng
RT: 9.16 min Scan# 1202
Delta R.T. -0.01 min
Lab File: BF121157.D
Acq: 31 Jul 2020 14:48

Tgt Ion:172 Resp: 916908

Ion	Ratio	Lower	Upper
172	100		
171	35.6	29.0	43.4
170	24.0	19.6	29.4



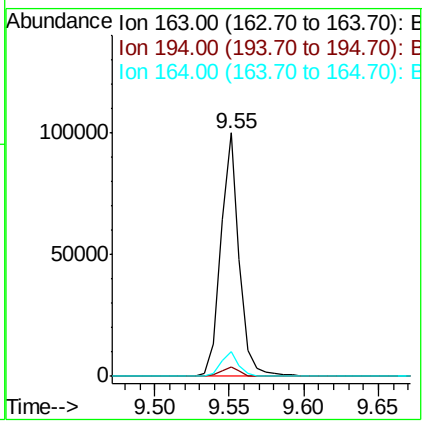


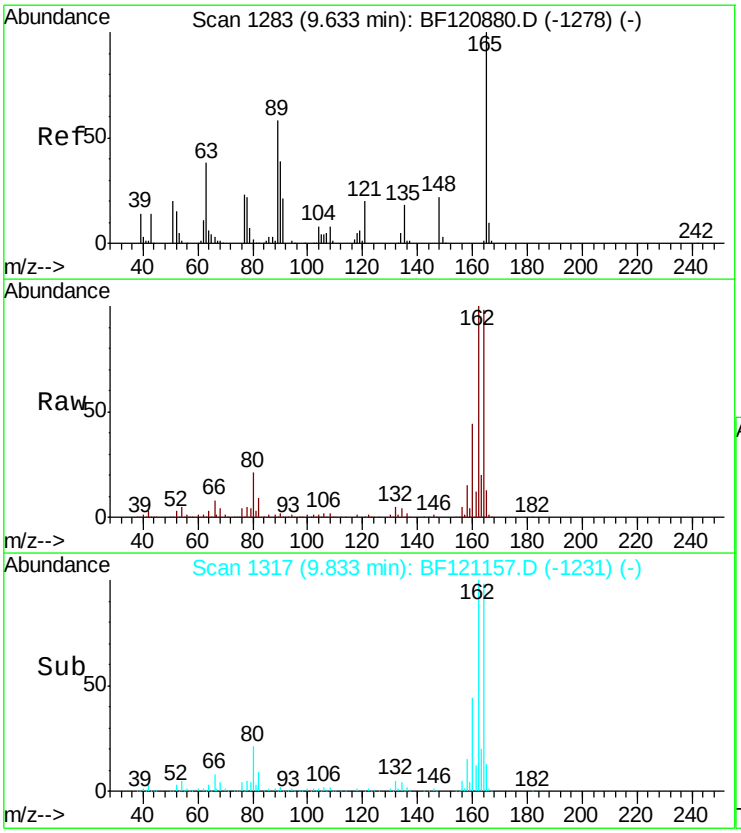
#50
Dimethylphthalate
Concen: 4.978 ng
RT: 9.55 min Scan# 1269
Delta R.T. -0.02 min
Lab File: BF121157.D
Acq: 31 Jul 2020 14:48

Instrument :
BNA_F
ClientSampleId :
TP-1

Tgt Ion:163 Resp: 86717

Ion	Ratio	Lower	Upper
163	100		
194	3.8	3.0	4.4
164	10.3	8.4	12.6

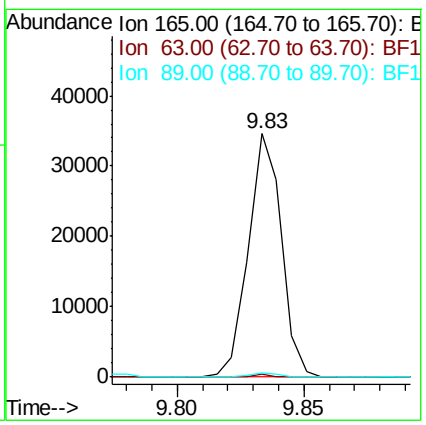


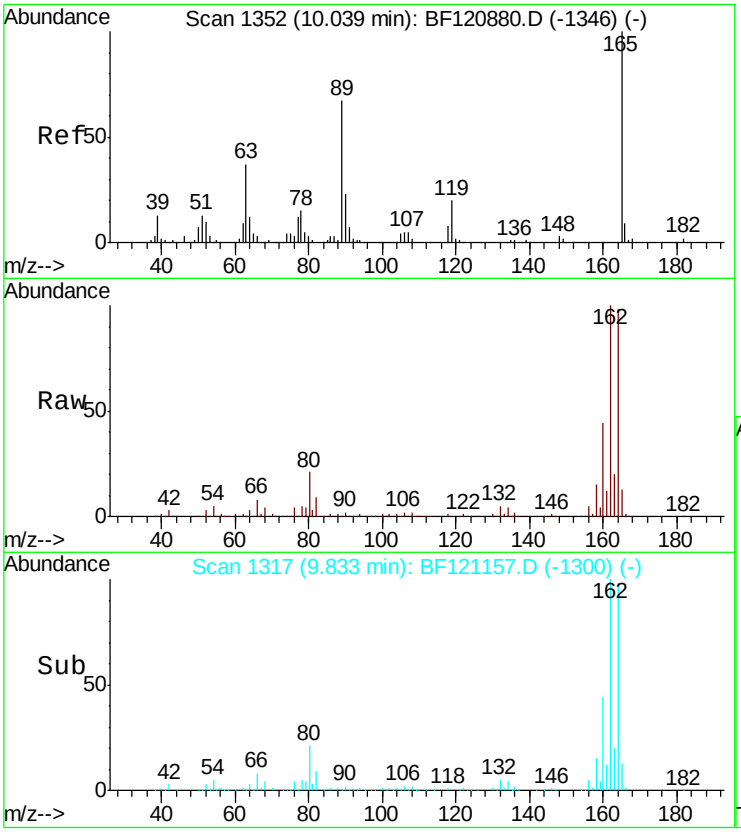


#51
2,6-Dinitrotoluene
Concen: 8.374 ng
RT: 9.83 min Scan# 1317
Delta R.T. 0.21 min
Lab File: BF121157.D
Acq: 31 Jul 2020 14:48

Tgt Ion:165 Resp: 31339

Ion	Ratio	Lower	Upper
165	100		
63	1.0	41.1	61.7#
89	1.7	43.5	65.3#



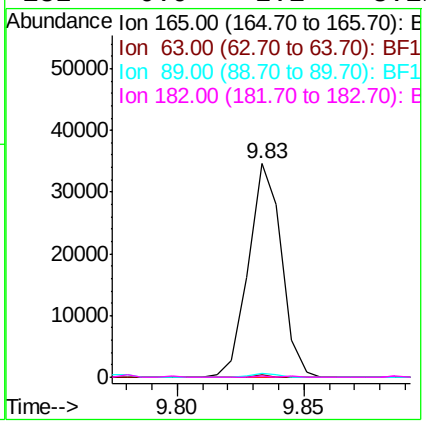


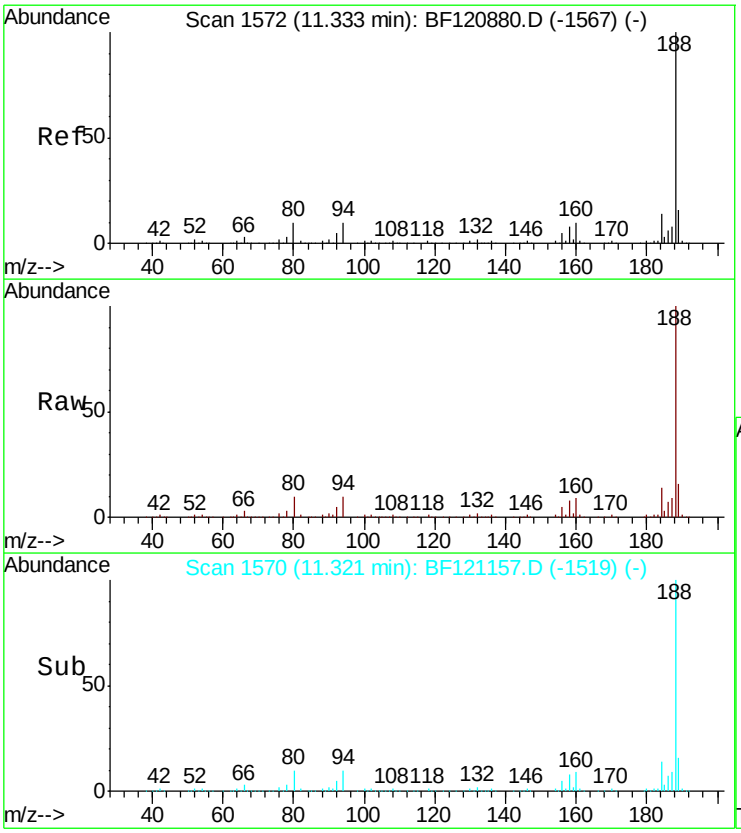
#57
2,4-Dinitrotoluene
Concen: 6.377 ng
RT: 9.83 min Scan# 1317
Delta R.T. -0.20 min
Lab File: BF121157.D
Acq: 31 Jul 2020 14:48

Instrument :
BNA_F
ClientSampleId :
TP-1

Tgt Ion:165 Resp: 31339

Ion	Ratio	Lower	Upper
165	100		
63	1.0	29.8	44.8#
89	1.7	50.3	75.5#
182	0.9	2.1	3.1#

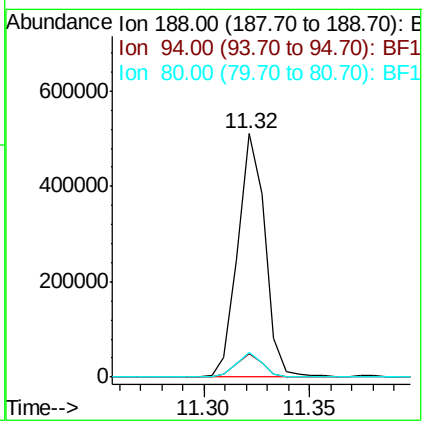


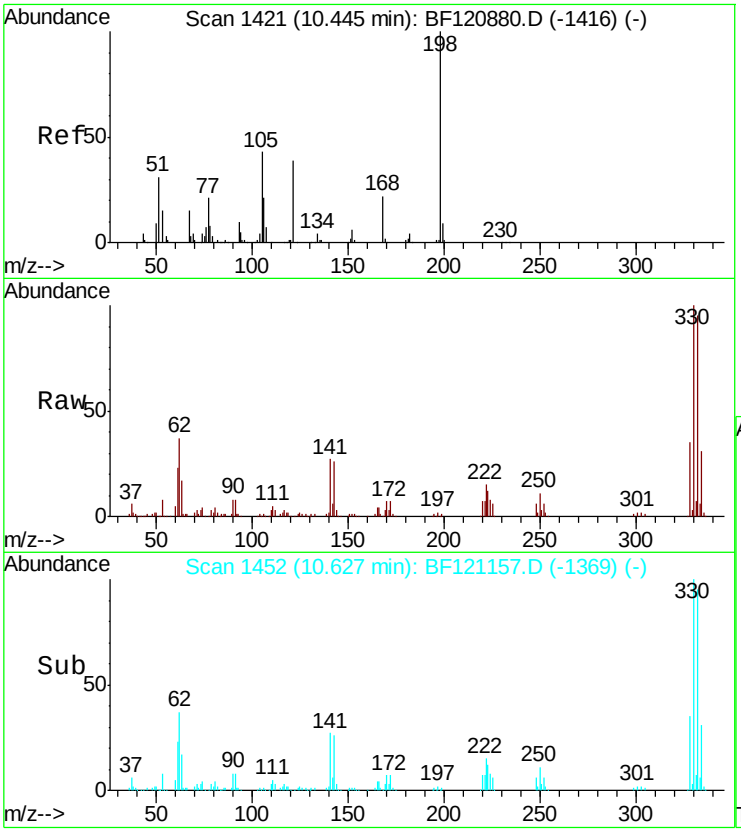


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1570
Delta R.T. -0.00 min
Lab File: BF121157.D
Acq: 31 Jul 2020 14:48

Tgt Ion:188 Resp: 457575

Ion	Ratio	Lower	Upper
188	100		
94	9.6	8.0	12.0
80	9.9	8.3	12.5



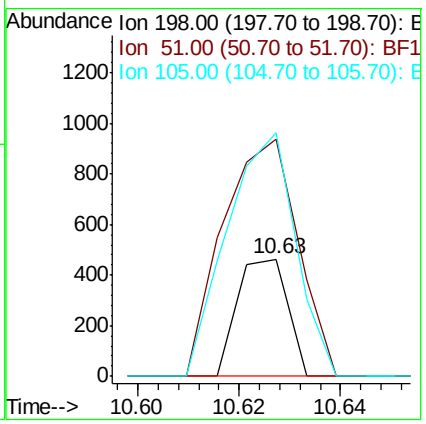


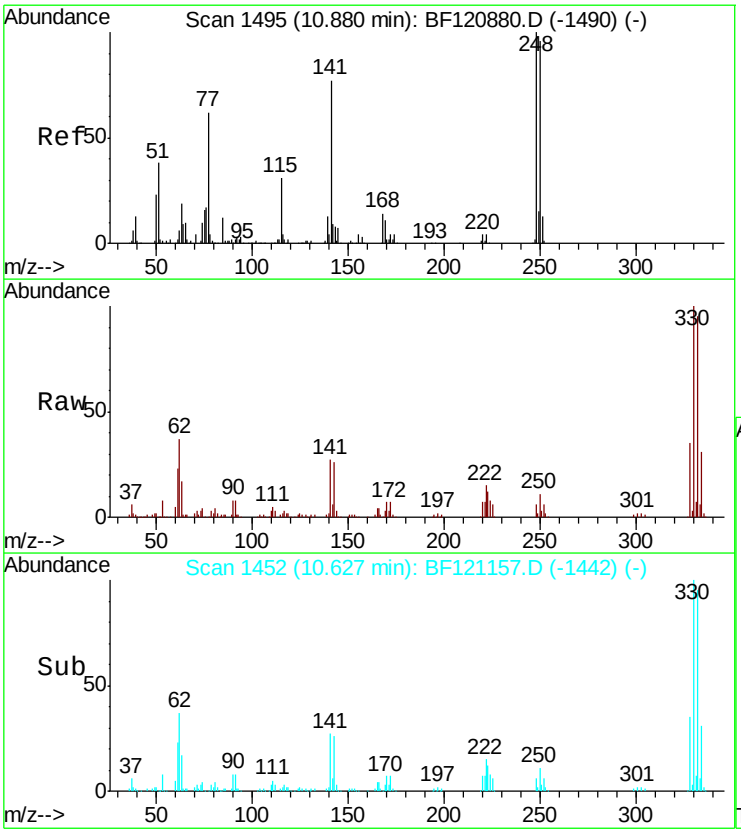
#65
4,6-Dinitro-2-methylphenol
Concen: 3.953 ng
RT: 10.63 min Scan# 1452
Delta R.T. 0.19 min
Lab File: BF121157.D
Acq: 31 Jul 2020 14:48

Instrument :
BNA_F
ClientSampleId :
TP-1

Tgt Ion:198 Resp: 319

Ion	Ratio	Lower	Upper
198	100		
51	203.0	23.4	63.4#
105	208.2	23.7	63.7#

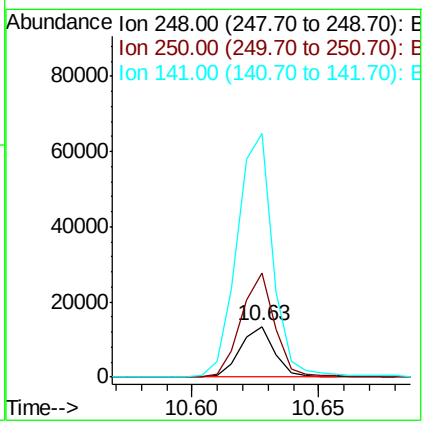


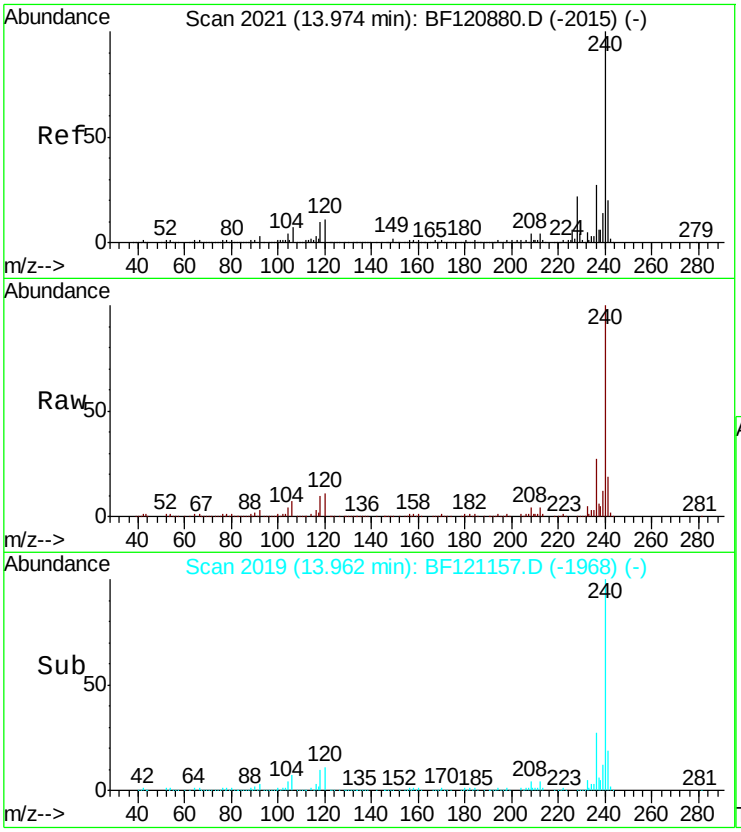


#67
4-Bromophenyl-phenylether
Concen: 2.480 ng
RT: 10.63 min Scan# 1452
Delta R.T. -0.24 min
Lab File: BF121157.D
Acq: 31 Jul 2020 14:48

Tgt Ion:248 Resp: 12654

Ion	Ratio	Lower	Upper
248	100		
250	204.5	77.0	115.6#
141	479.2	56.6	85.0#



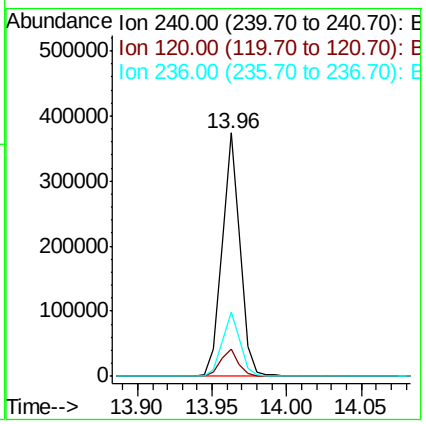


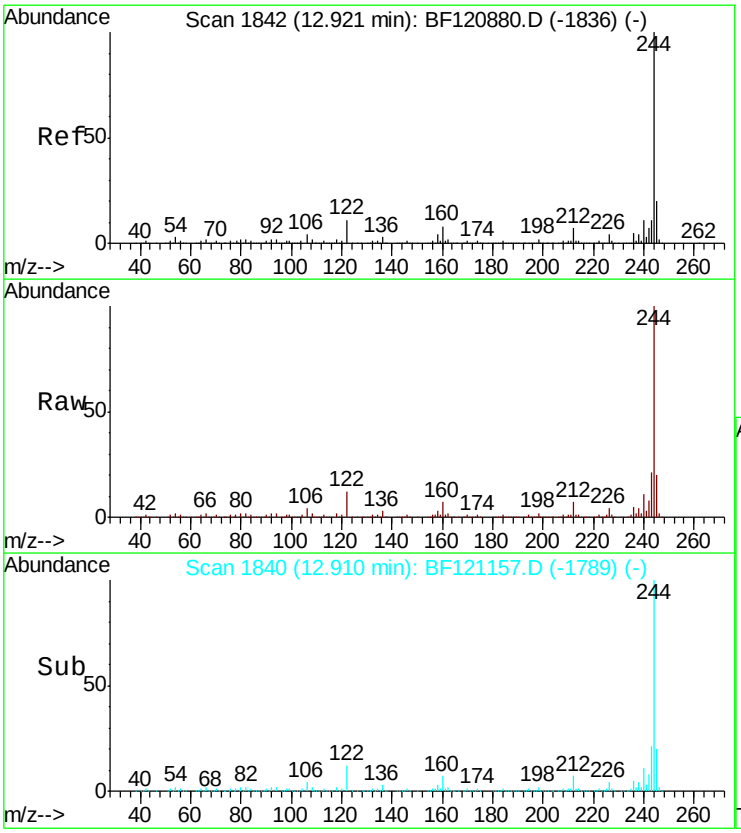
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.96 min Scan# 2019
Delta R.T. -0.00 min
Lab File: BF121157.D
Acq: 31 Jul 2020 14:48

Instrument :
BNA_F
ClientSampleId :
TP-1

Tgt Ion:240 Resp: 320731

Ion	Ratio	Lower	Upper
240	100		
120	11.2	9.3	13.9
236	26.5	21.1	31.7

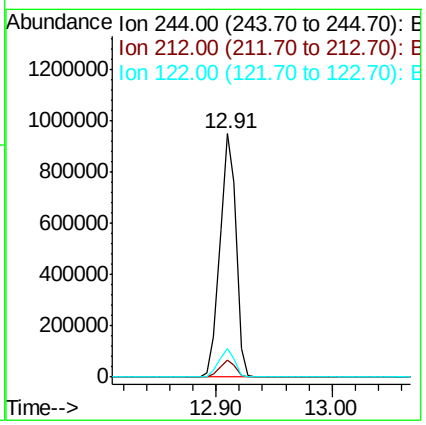


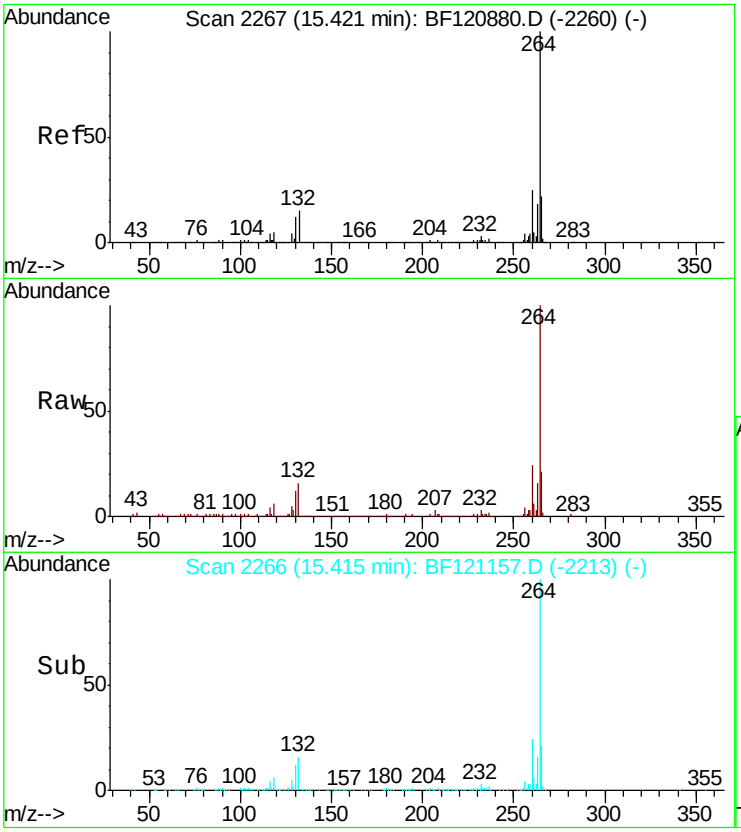


#79
Terphenyl-d14
Concen: 61.937 ng
RT: 12.91 min Scan# 1840
Delta R.T. -0.00 min
Lab File: BF121157.D
Acq: 31 Jul 2020 14:48

Tgt Ion:244 Resp: 913849

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.7	8.5
122	11.6	8.3	12.5





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.42 min Scan# 2266
Delta R.T. 0.01 min
Lab File: BF121157.D
Acq: 31 Jul 2020 14:48

Instrument :
BNA_F
ClientSampleId :
TP-1

Tgt Ion:264 Resp: 290999

Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.9	29.9
265	21.2	17.8	26.8