Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081120\
Data File : BF121238.D
Acq On : 11 Aug 2020 14:08
Operator : JU/CG
Sample : PB130878BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB130878BL

Quant Time: Aug 11 15:28:21 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	144752	20.00	ng	-0.01
21) Naphthalene-d8	8.07	136	563223	20.00	ng	-0.01
39) Acenaphthene-d10	9.83	164	283591	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	557936	20.00	ng	0.00
76) Chrysene-d12	13.96	240	437909	20.00	ng	0.00
86) Perylene-d12	15.42	264	402501	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	912112	103.30	ng	0.00
7) Phenol-d6	6.43	99	1114230	97.69	ng	-0.01
23) Nitrobenzene-d5	7.36	82	761897	78.27	ng	-0.02
42) 2,4,6-Tribromophenol	10.63	330	344820	111.08	ng	0.00
45) 2-Fluorobiphenyl	9.16	172	1384629	72.90	ng	0.00
79) Terphenyl-d14	12.91	244	1389569	68.98	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.43	77	1433	Below Cal	#	1
19) n-Nitroso-di-n-propylamine	7.36	70	97811	15.081	ng	# 79
25) Isophorone	7.36	82	746593	38.432	ng	# 62
50) Dimethylphthalate	9.83	163	52100	2.547	ng	# 1
51) 2,6-Dinitrotoluene	9.83	165	35612	8.102	ng	# 27
57) 2,4-Dinitrotoluene	9.83	165	35612	6.170	ng	# 29
65) 4,6-Dinitro-2-methylphenol	10.63	198	355	3.944	ng	# 1
67) 4-Bromophenyl-phenylether	10.63	248	20186	3.245	ng	# 1

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

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Misc :
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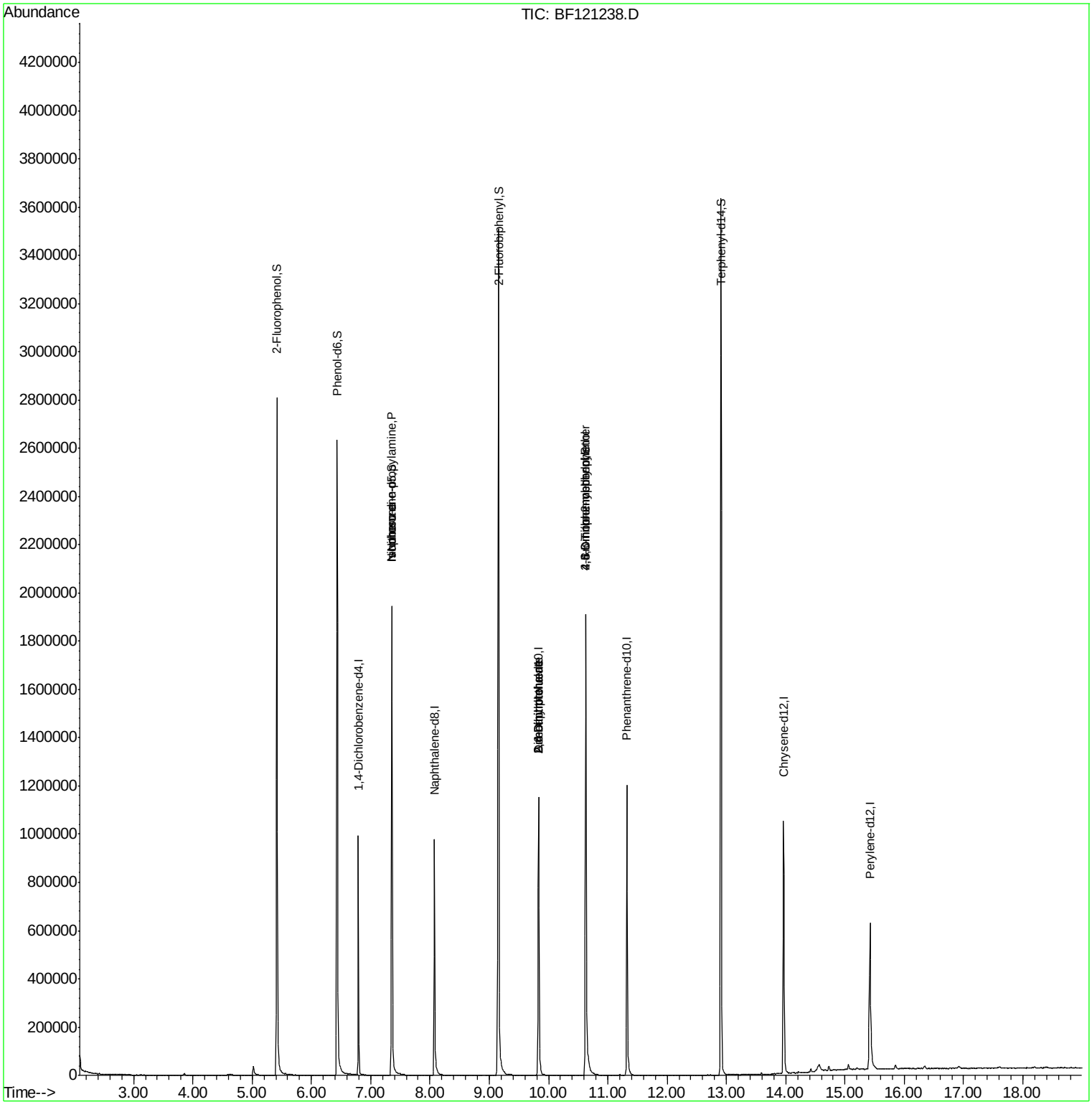
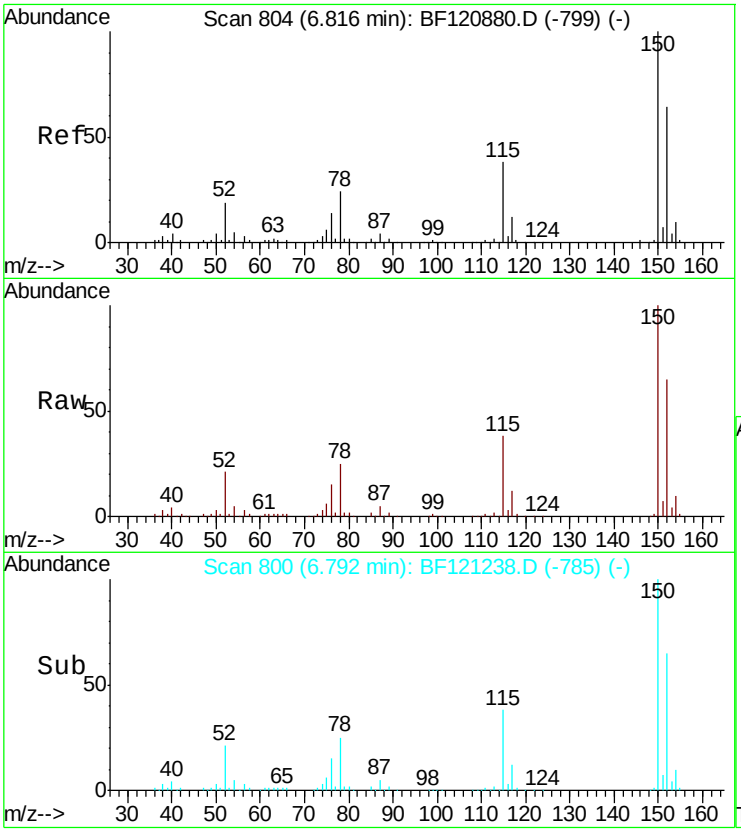


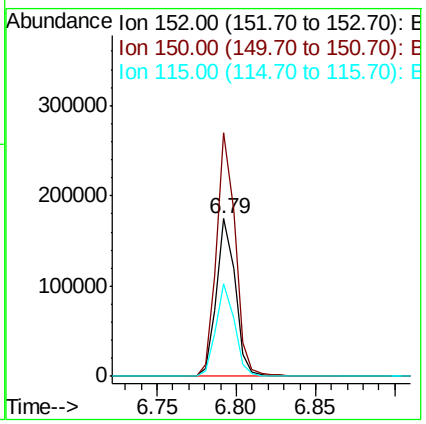


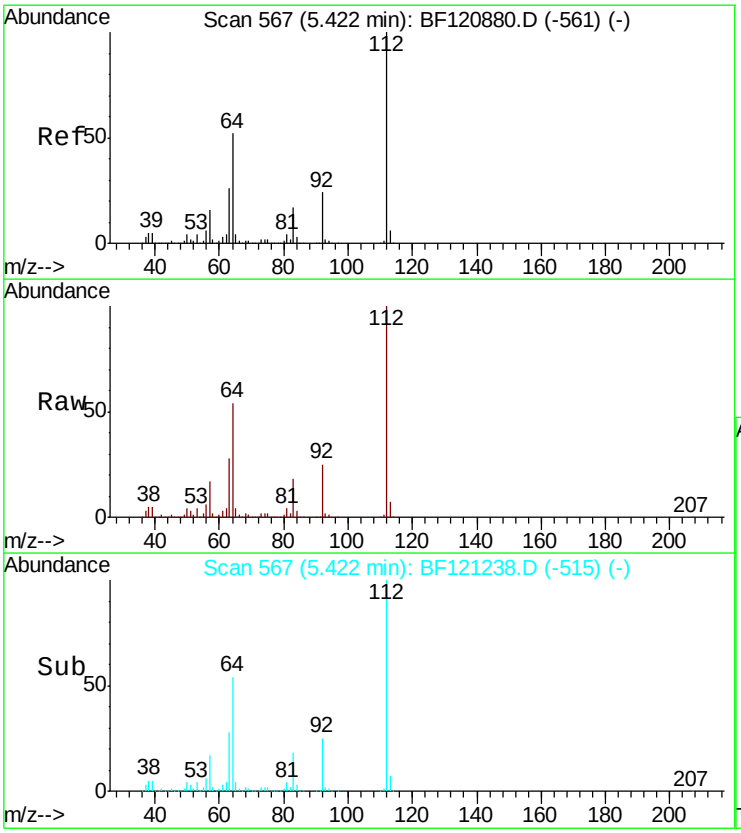
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 800
Delta R.T. -0.01 min
Lab File: BF121238.D
Acq: 11 Aug 2020 14:08

Instrument :
BNA_F
ClientSampleId :
PB130878BL

Tgt Ion:152 Resp: 144752

Ion	Ratio	Lower	Upper
152	100		
150	154.7	125.6	188.4
115	58.8	46.2	69.2

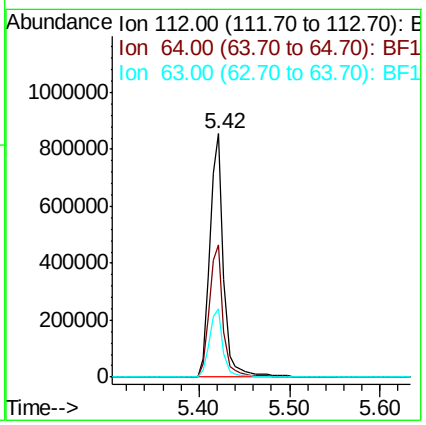


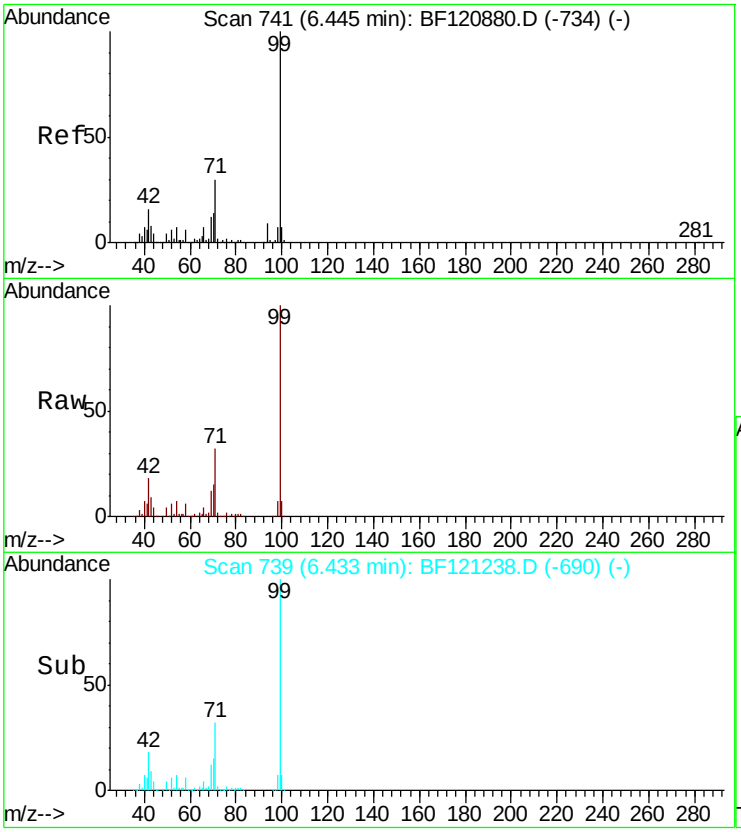


#5
2-Fluorophenol
Concen: 103.299 ng
RT: 5.42 min Scan# 567
Delta R.T. 0.01 min
Lab File: BF121238.D
Acq: 11 Aug 2020 14:08

Tgt Ion:112 Resp: 912112

Ion	Ratio	Lower	Upper
112	100		
64	54.3	43.9	65.9
63	27.9	22.7	34.1



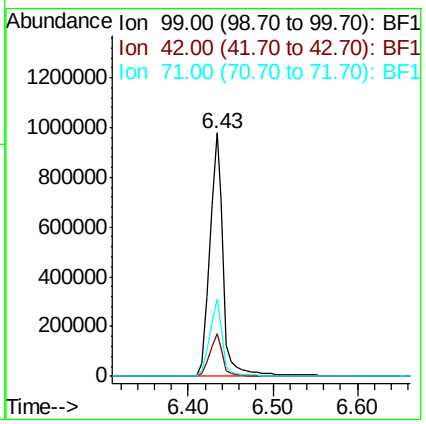


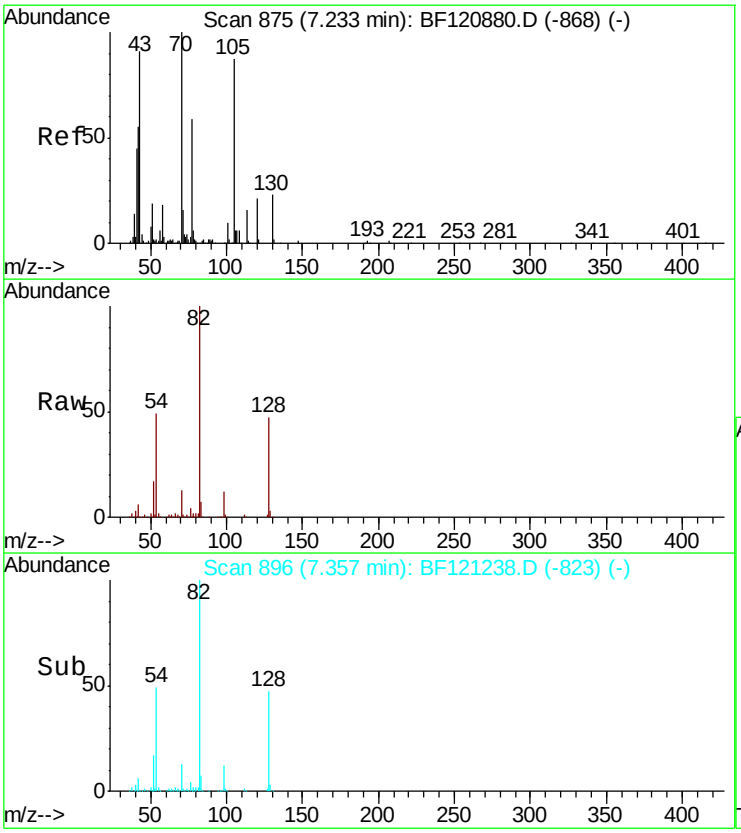
#7
Phenol-d6
Concen: 97.689 ng
RT: 6.43 min Scan# 739
Delta R.T. -0.01 min
Lab File: BF121238.D
Acq: 11 Aug 2020 14:08

Instrument :
BNA_F
ClientSampleId :
PB130878BL

Tgt Ion: 99 Resp: 1114230

Ion	Ratio	Lower	Upper
99	100		
42	17.6	13.5	20.3
71	31.8	25.0	37.4

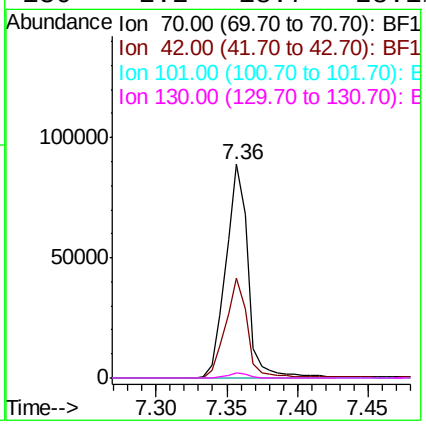


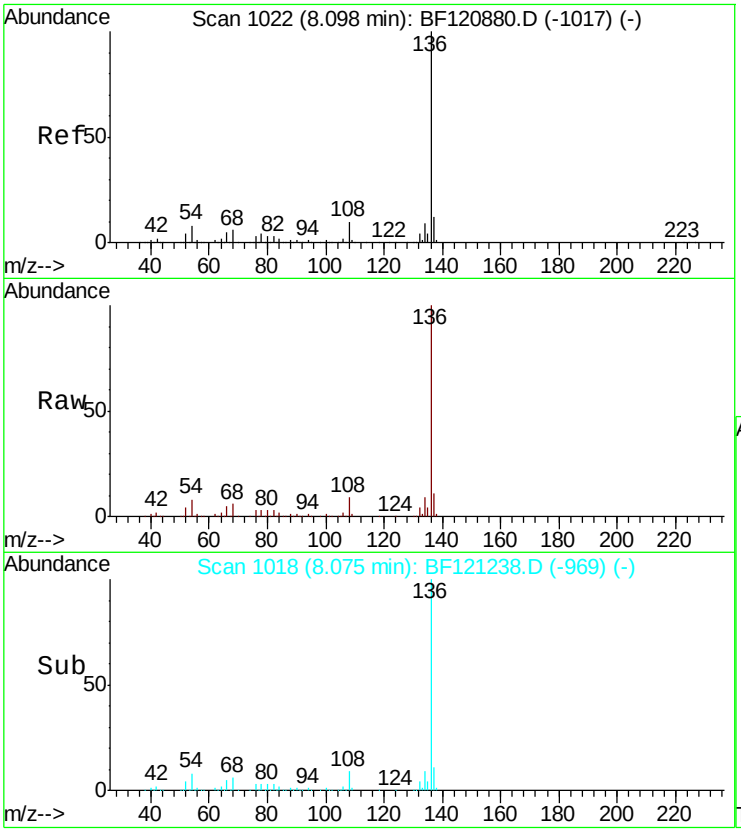


#19
n-Nitroso-di-n-propylamine
Concen: 15.081 ng
RT: 7.36 min Scan# 896
Delta R.T. 0.13 min
Lab File: BF121238.D
Acq: 11 Aug 2020 14:08

Tgt Ion: 70 Resp: 97811

Ion	Ratio	Lower	Upper
70	100		
42	46.6	43.3	64.9
101	0.0	8.4	12.6#
130	2.2	18.7	28.1#



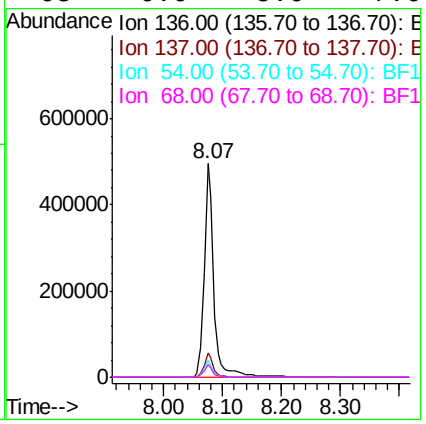


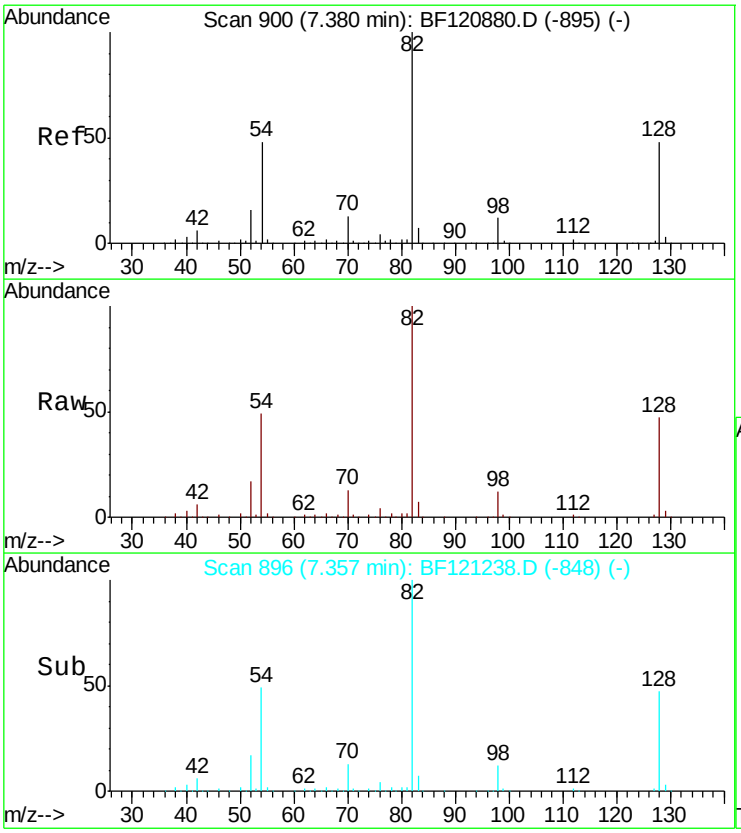
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BF121238.D
Acq: 11 Aug 2020 14:08

Instrument :
BNA_F
ClientSampleId :
PB130878BL

Tgt Ion:136 Resp: 563223

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.0	13.4
54	7.6	6.1	9.1
68	6.0	5.0	7.6

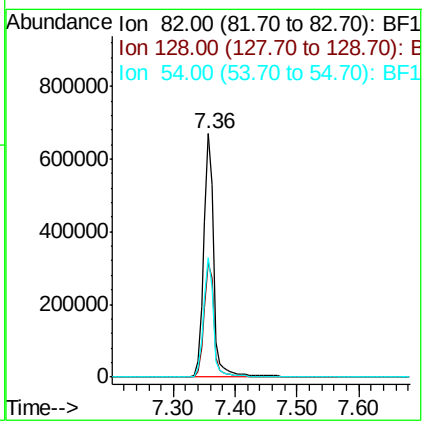


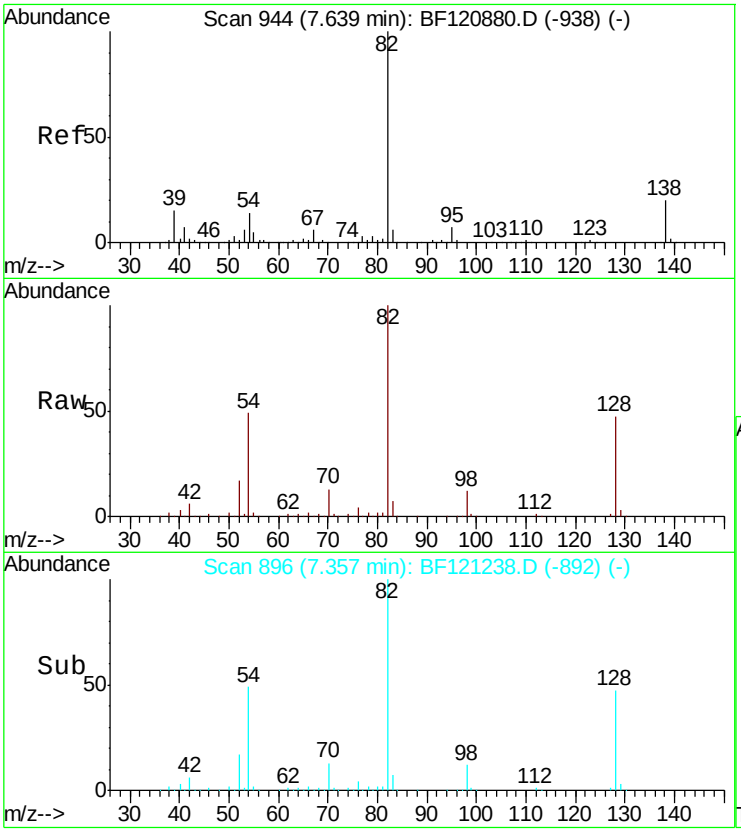


#23
Nitrobenzene-d5
Concen: 78.274 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.02 min
Lab File: BF121238.D
Acq: 11 Aug 2020 14:08

Tgt Ion: 82 Resp: 761897

Ion	Ratio	Lower	Upper
82	100		
128	47.0	39.2	58.8
54	49.3	37.8	56.8



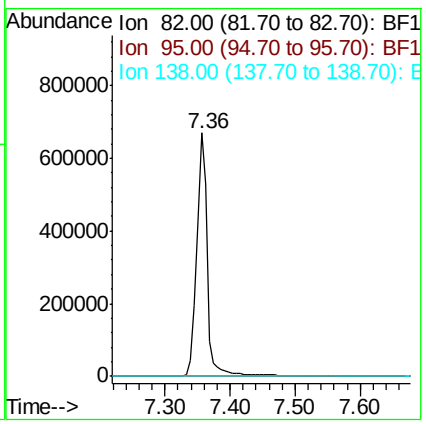


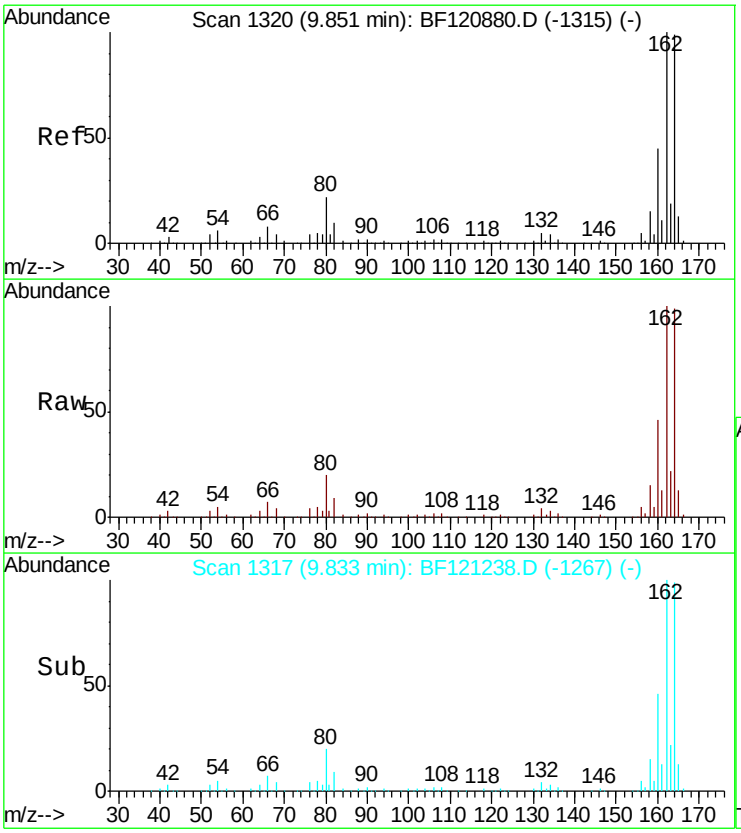
#25
Isophorone
Concen: 38.432 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.28 min
Lab File: BF121238.D
Acq: 11 Aug 2020 14:08

Instrument :
BNA_F
ClientSampleId :
PB130878BL

Tgt Ion: 82 Resp: 746593

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

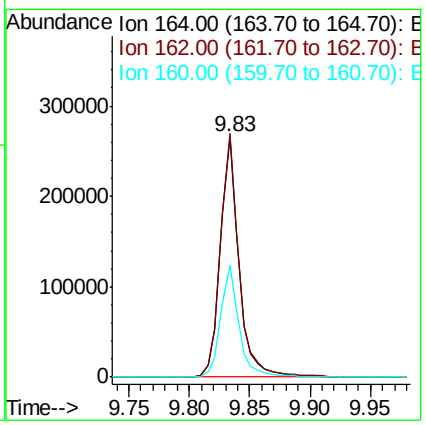


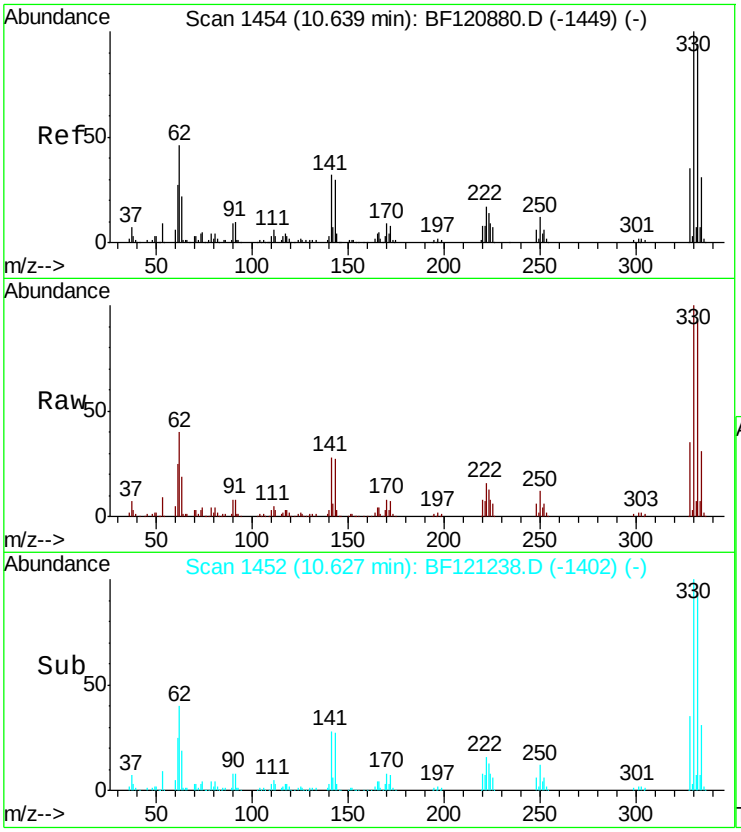


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1317
Delta R.T. -0.01 min
Lab File: BF121238.D
Acq: 11 Aug 2020 14:08

Tgt Ion:164 Resp: 283591

Ion	Ratio	Lower	Upper
164	100		
162	101.3	82.2	123.2
160	46.6	37.2	55.8



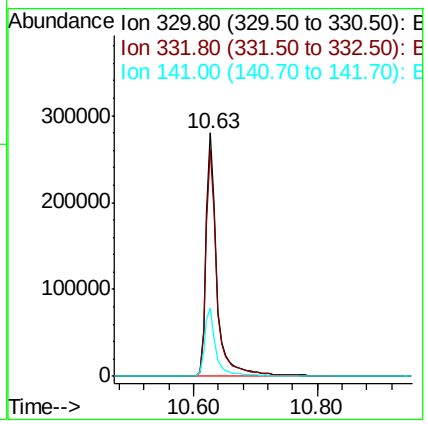


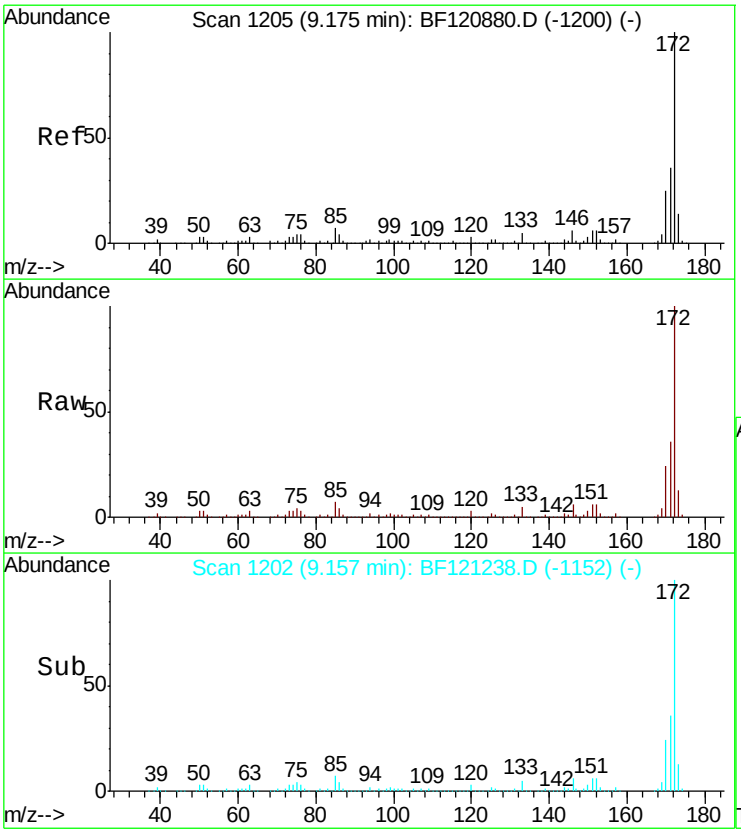
#42
2,4,6-Tribromophenol
Concen: 111.082 ng
RT: 10.63 min Scan# 1452
Delta R.T. -0.01 min
Lab File: BF121238.D
Acq: 11 Aug 2020 14:08

Instrument :
BNA_F
ClientSampleId :
PB130878BL

Tgt Ion:330 Resp: 344820

Ion	Ratio	Lower	Upper
330	100		
332	95.0	76.1	114.1
141	29.6	24.1	36.1

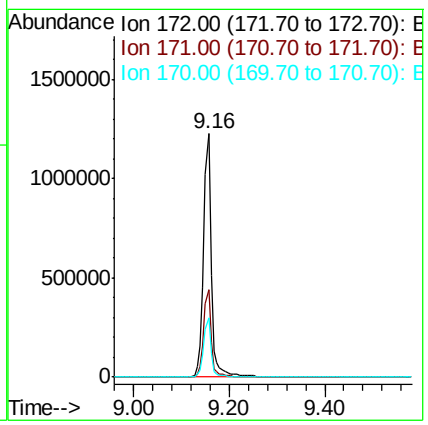


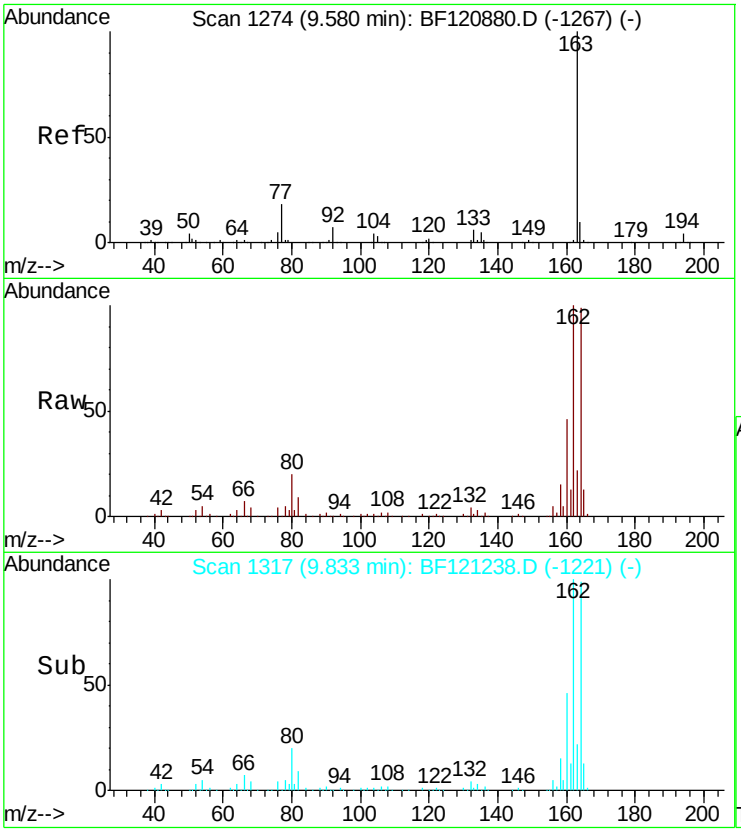


#45
2-Fluorobiphenyl
Concen: 72.898 ng
RT: 9.16 min Scan# 1202
Delta R.T. -0.01 min
Lab File: BF121238.D
Acq: 11 Aug 2020 14:08

Tgt Ion:172 Resp: 1384629

Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.0	43.4
170	24.1	19.6	29.4



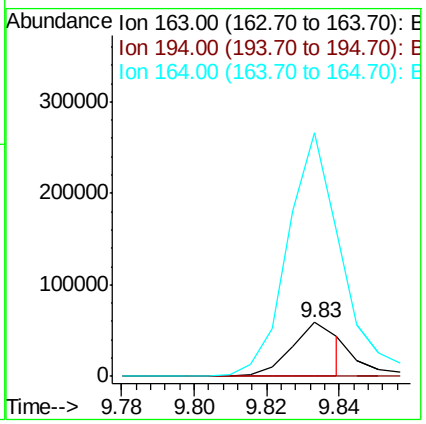


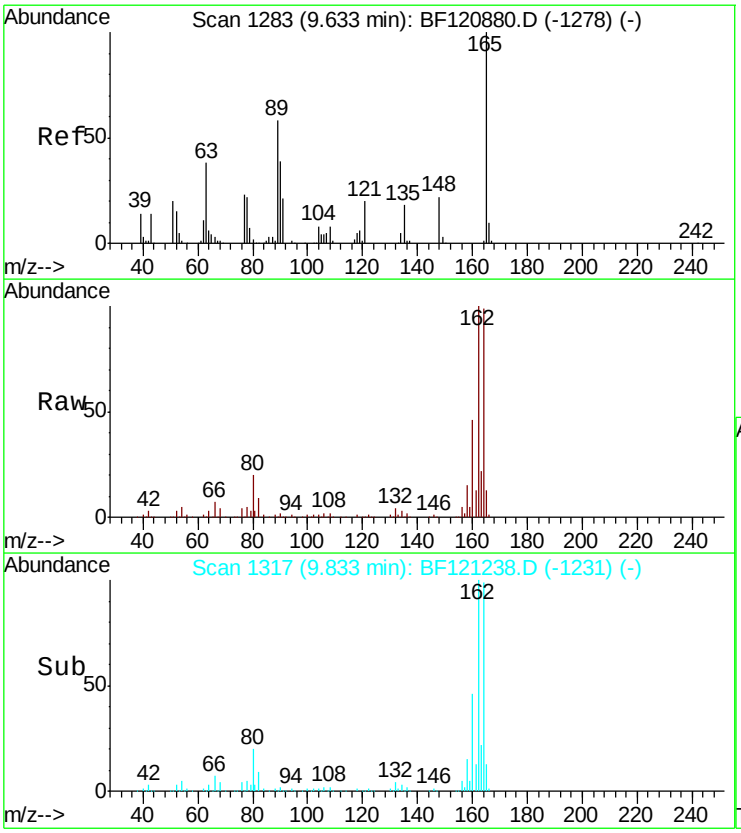
#50
Dimethylphthalate
Concen: 2.547 ng
RT: 9.83 min Scan# 1317
Delta R.T. 0.26 min
Lab File: BF121238.D
Acq: 11 Aug 2020 14:08

Instrument :
BNA_F
ClientSampleId :
PB130878BL

Tgt Ion:163 Resp: 52100

Ion	Ratio	Lower	Upper
163	100		
194	0.0	3.0	4.4#
164	450.3	8.4	12.6#

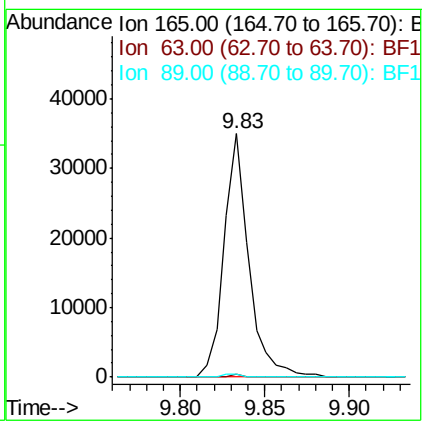


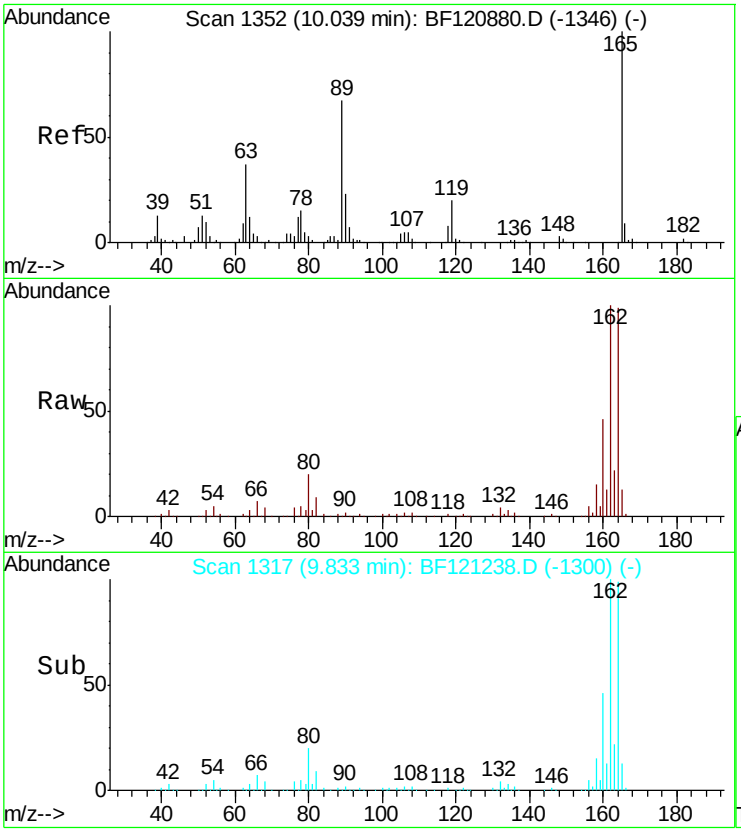


#51
2,6-Dinitrotoluene
Concen: 8.102 ng
RT: 9.83 min Scan# 1317
Delta R.T. 0.21 min
Lab File: BF121238.D
Acq: 11 Aug 2020 14:08

Tgt Ion:165 Resp: 35612

Ion	Ratio	Lower	Upper
165	100		
63	1.0	41.1	61.7#
89	1.4	43.5	65.3#



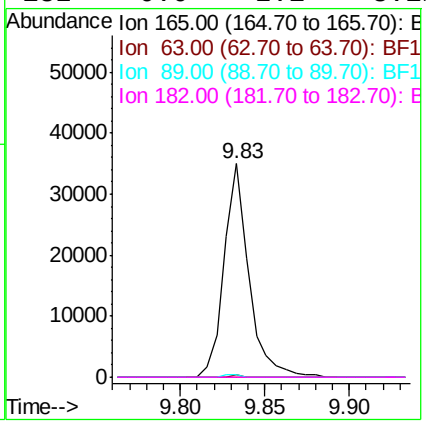


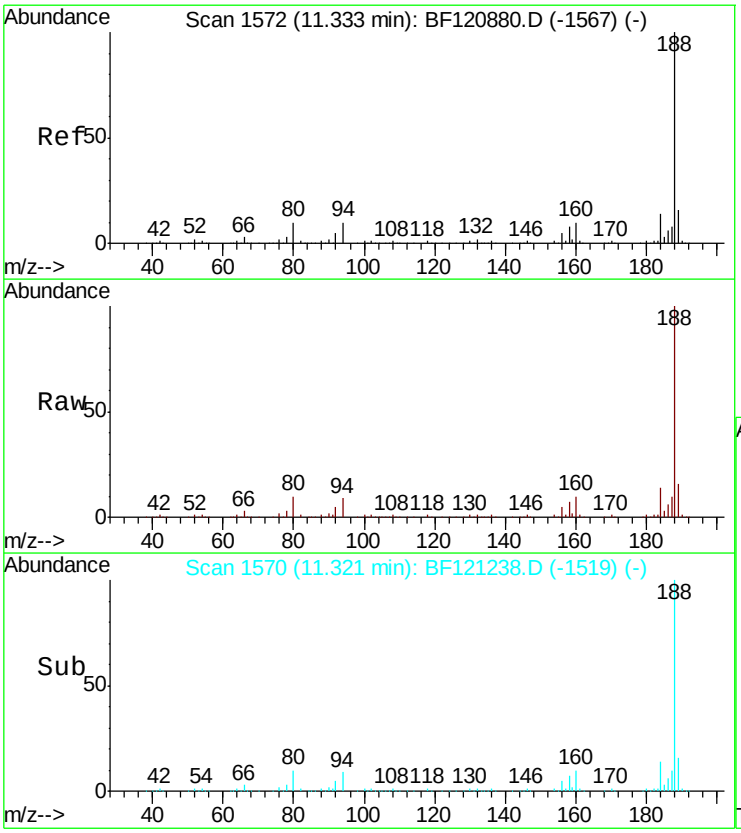
#57
2,4-Dinitrotoluene
Concen: 6.170 ng
RT: 9.83 min Scan# 1317
Delta R.T. -0.20 min
Lab File: BF121238.D
Acq: 11 Aug 2020 14:08

Instrument :
BNA_F
ClientSampleId :
PB130878BL

Tgt Ion:165 Resp: 35612

Ion	Ratio	Lower	Upper
165	100		
63	1.0	29.8	44.8#
89	1.4	50.3	75.5#
182	0.0	2.1	3.1#

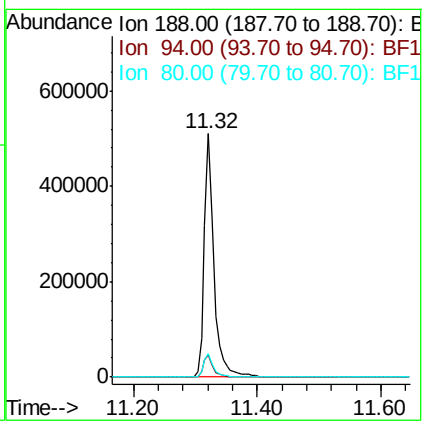


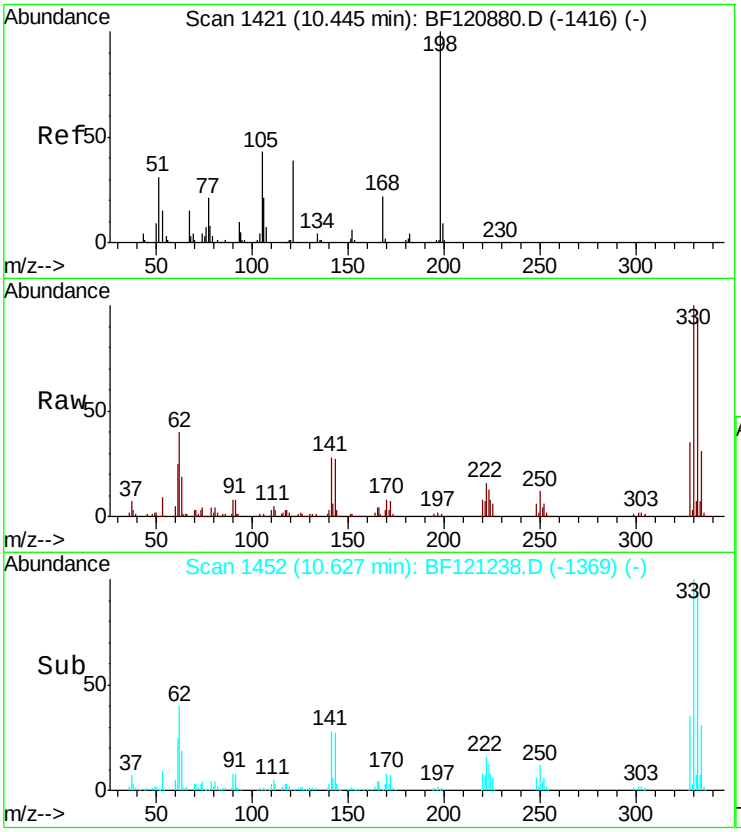


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1570
Delta R.T. -0.00 min
Lab File: BF121238.D
Acq: 11 Aug 2020 14:08

Tgt Ion:188 Resp: 557936

Ion	Ratio	Lower	Upper
188	100		
94	9.3	8.0	12.0
80	9.7	8.3	12.5



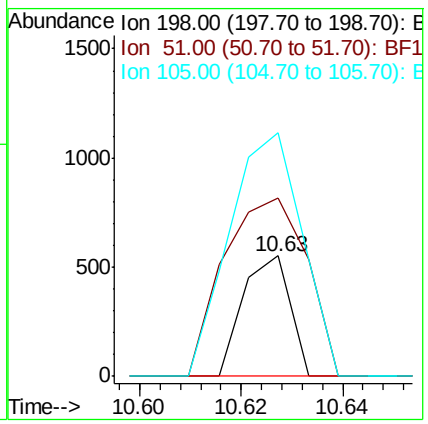


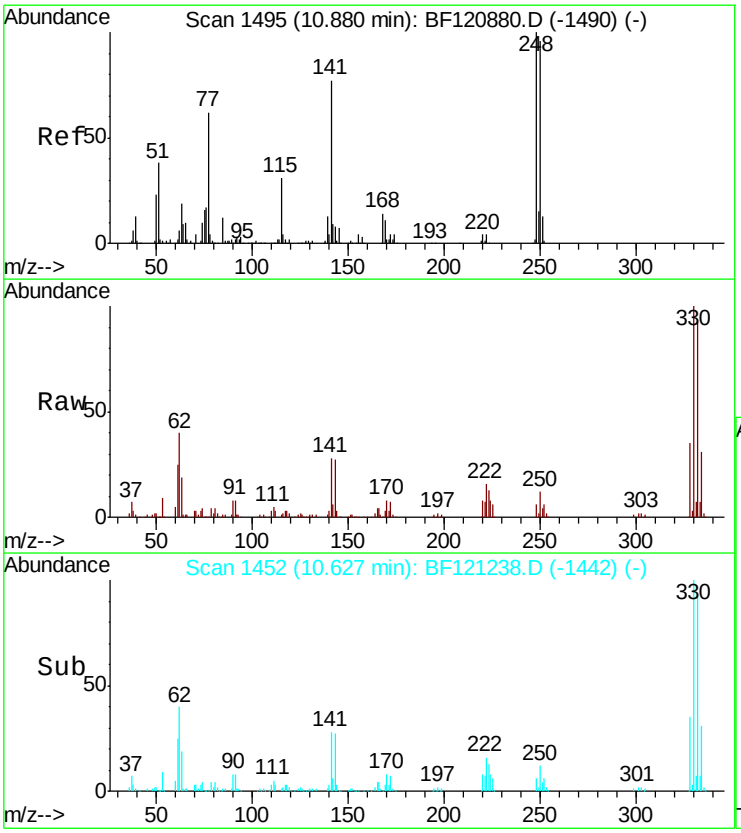
#65
4,6-Dinitro-2-methylphenol
Concen: 3.944 ng
RT: 10.63 min Scan# 1452
Delta R.T. 0.19 min
Lab File: BF121238.D
Acq: 11 Aug 2020 14:08

Instrument :
BNA_F
ClientSampleId :
PB130878BL

Tgt Ion:198 Resp: 355

Ion	Ratio	Lower	Upper
198	100		
51	147.9	23.4	63.4#
105	201.6	23.7	63.7#

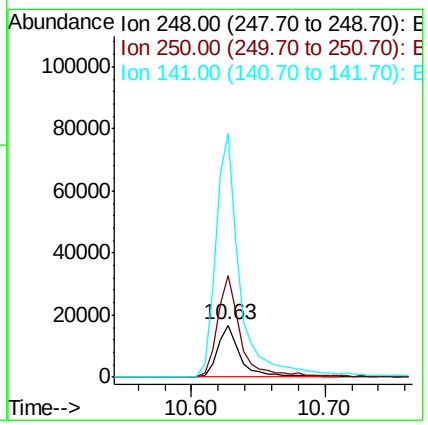


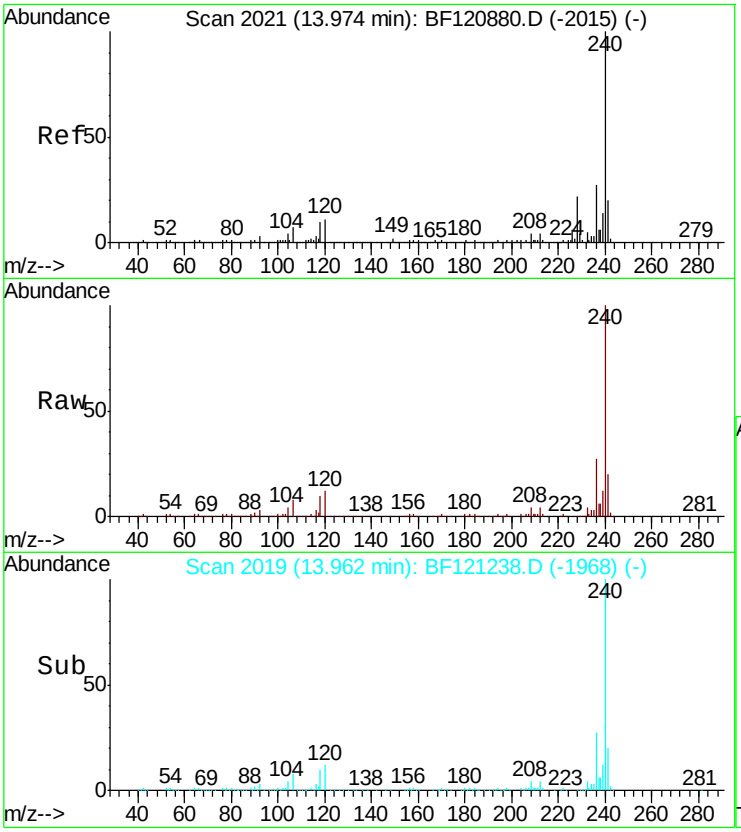


#67
4-Bromophenyl-phenylether
Concen: 3.245 ng
RT: 10.63 min Scan# 1452
Delta R.T. -0.24 min
Lab File: BF121238.D
Acq: 11 Aug 2020 14:08

Tgt Ion:248 Resp: 20186

Ion	Ratio	Lower	Upper
248	100		
250	196.1	77.0	115.6#
141	471.2	56.6	85.0#



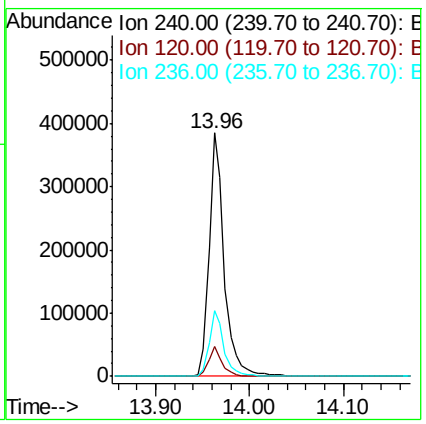


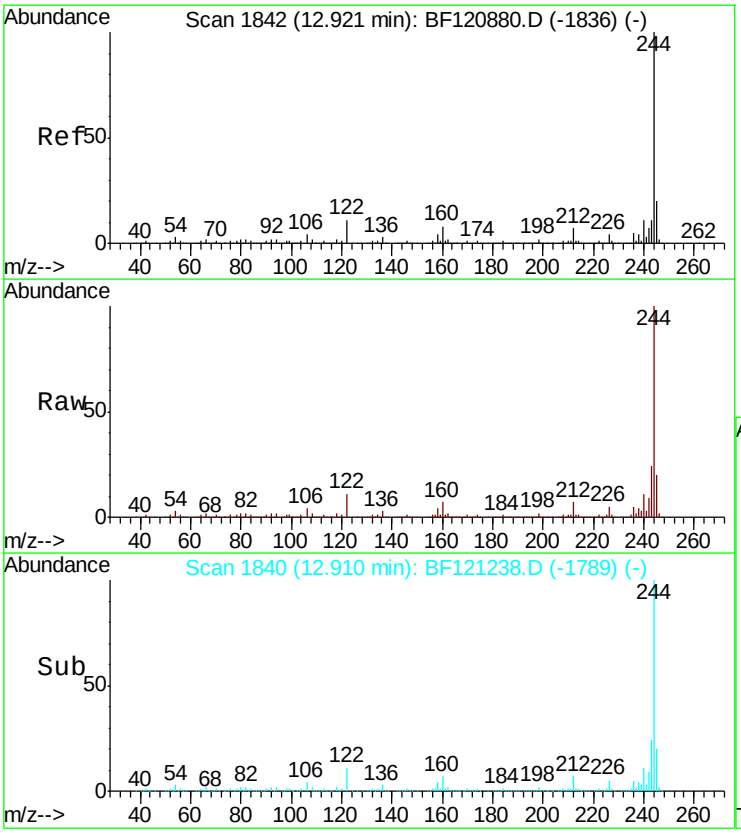
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.96 min Scan# 2019
Delta R.T. -0.00 min
Lab File: BF121238.D
Acq: 11 Aug 2020 14:08

Instrument :
BNA_F
ClientSampleId :
PB130878BL

Tgt Ion:240 Resp: 437909

Ion	Ratio	Lower	Upper
240	100		
120	12.1	9.3	13.9
236	27.0	21.1	31.7

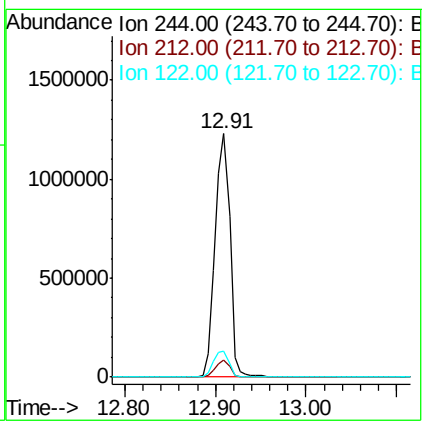


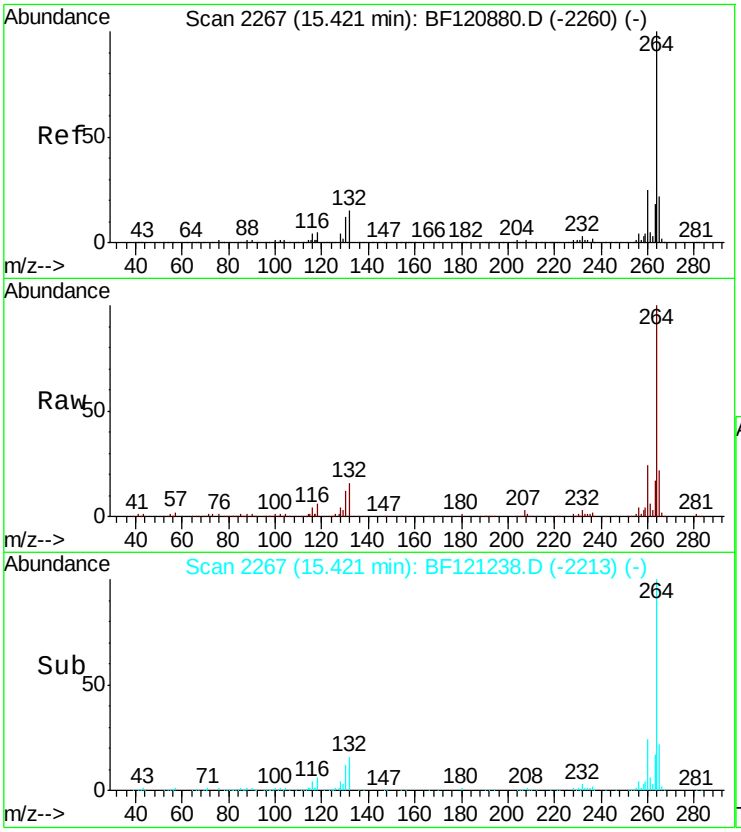


#79
Terphenyl-d14
Concen: 68.978 ng
RT: 12.91 min Scan# 1840
Delta R.T. -0.00 min
Lab File: BF121238.D
Acq: 11 Aug 2020 14:08

Tgt Ion:244 Resp: 1389569

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: 15.42 min Scan# 2267
Delta R.T. 0.02 min
Lab File: BF121238.D
Acq: 11 Aug 2020 14:08

Instrument :
BNA_F
ClientSampleId :
PB130878BL

Tgt Ion:264 Resp: 402501

Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.9	29.9
265	21.6	17.8	26.8