Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072120\
Data File : BF120957.D
Acq On : 21 Jul 2020 16:46
Operator : JU/CG
Sample : L3354-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BACK-YARD

Quant Time: Jul 21 18:02:44 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	171441	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	665383	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	360225	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	692381	20.00	ng	0.00
76) Chrysene-d12	13.97	240	553330	20.00	ng	0.00
86) Perylene-d12	15.42	264	449291	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	557777	53.34	ng	0.00
7) Phenol-d6	6.44	99	753645	55.79	ng	0.00
23) Nitrobenzene-d5	7.37	82	428224	37.24	ng	0.00
42) 2,4,6-Tribromophenol	10.64	330	322060	81.68	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	1012775	41.98	ng	0.00
79) Terphenyl-d14	12.92	244	1367257	53.71	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.46	77	2340	Below Cal	#	1
19) n-Nitroso-di-n-propylamine	7.37	70	56458	7.350	ng	# 77
25) Isophorone	7.37	82	422799	18.423	ng	# 63
50) Dimethylphthalate	9.56	163	192090	7.391	ng	99
57) 2,4-Dinitrotoluene	9.85	165	45740	6.238	ng	# 27
65) 4,6-Dinitro-2-methylphenol	10.63	198	659	3.994	ng	# 1
67) 4-Bromophenyl-phenylether	10.64	248	18902	2.449	ng	# 1

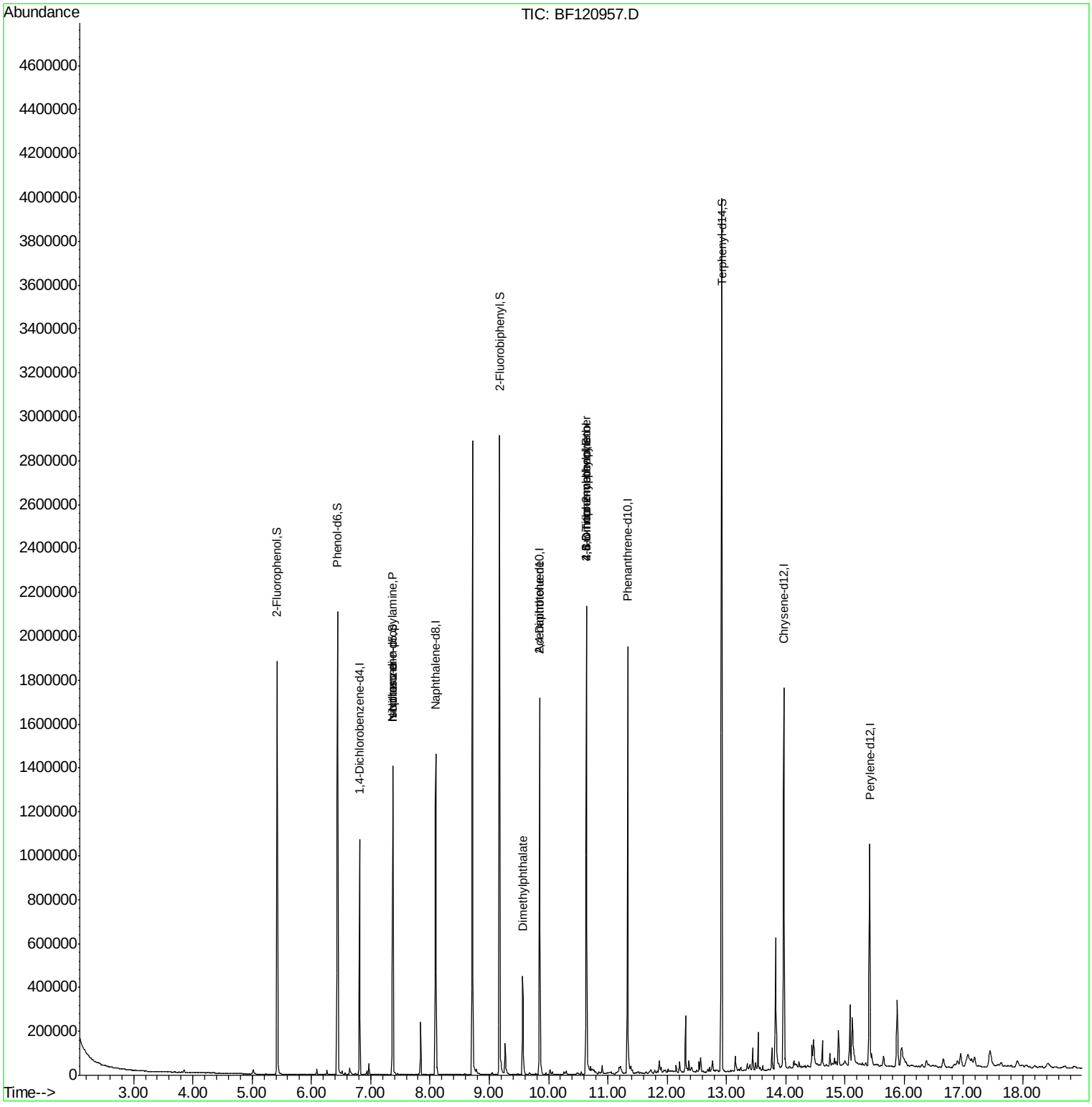
(#) = qualifier out of range (m) = manual integration (+) = signals summed

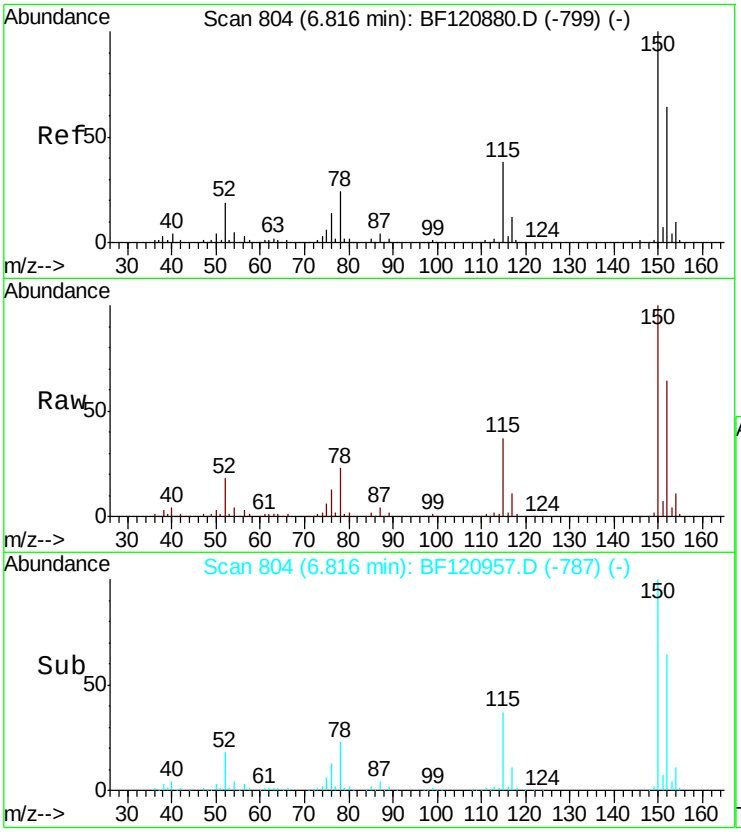
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072120\
Data File : BF120957.D
Acq On : 21 Jul 2020 16:46
Operator : JU/CG
Sample : L3354-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
BACK-YARD

Quant Time: Jul 21 18:02:44 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



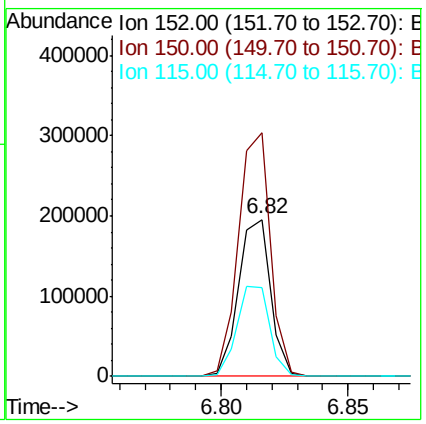


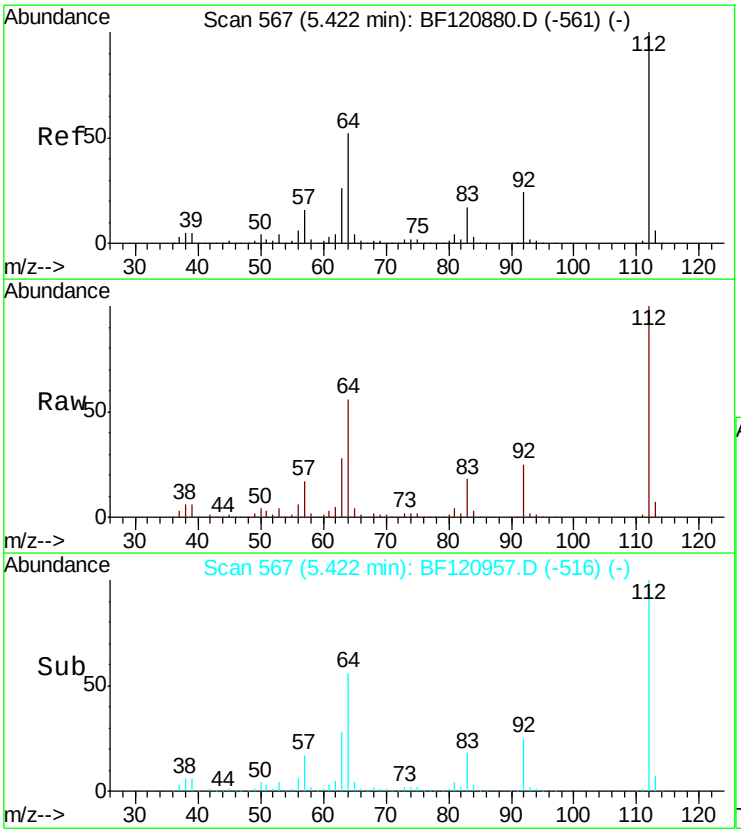
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 804
Delta R.T. 0.00 min
Lab File: BF120957.D
Acq: 21 Jul 2020 16:46

Instrument :
BNA_F
ClientSampleId :
BACK-YARD

Tgt Ion:152 Resp: 171441

Ion	Ratio	Lower	Upper
152	100		
150	155.2	125.0	187.6
115	57.0	47.0	70.4

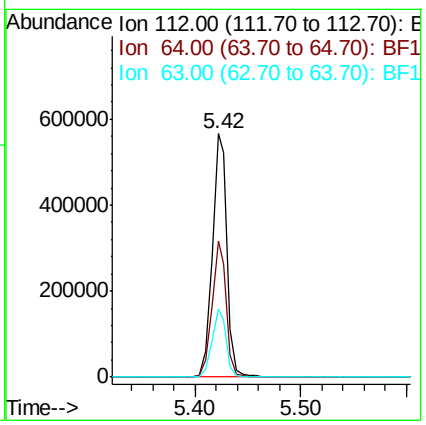


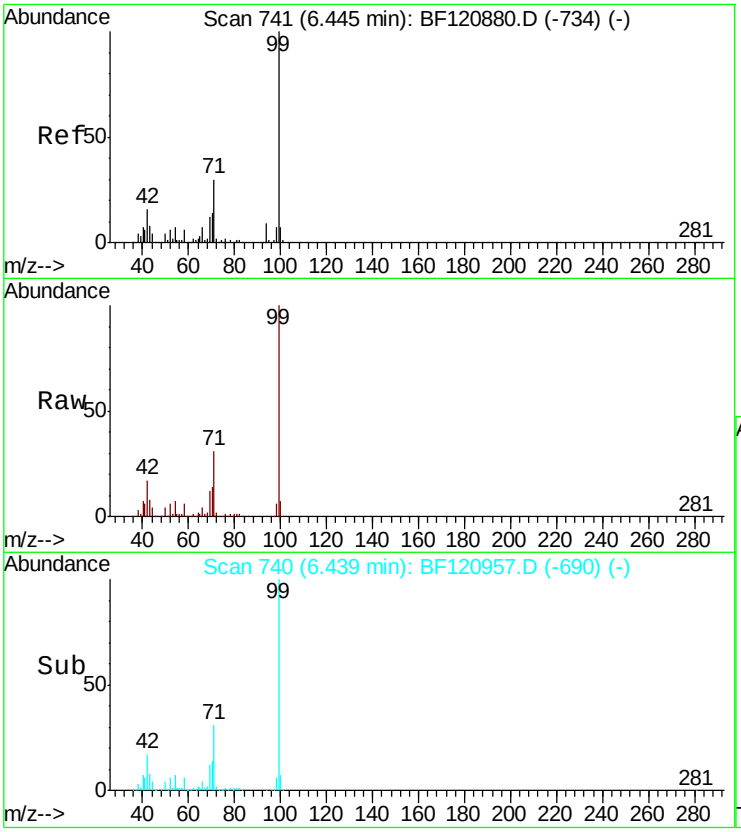


#5
2-Fluorophenol
Concen: 53.336 ng
RT: 5.42 min Scan# 567
Delta R.T. 0.00 min
Lab File: BF120957.D
Acq: 21 Jul 2020 16:46

Tgt Ion:112 Resp: 557777

Ion	Ratio	Lower	Upper
112	100		
64	55.9	41.3	61.9
63	28.1	21.1	31.7



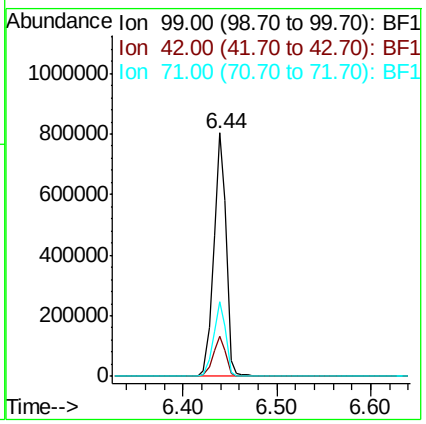


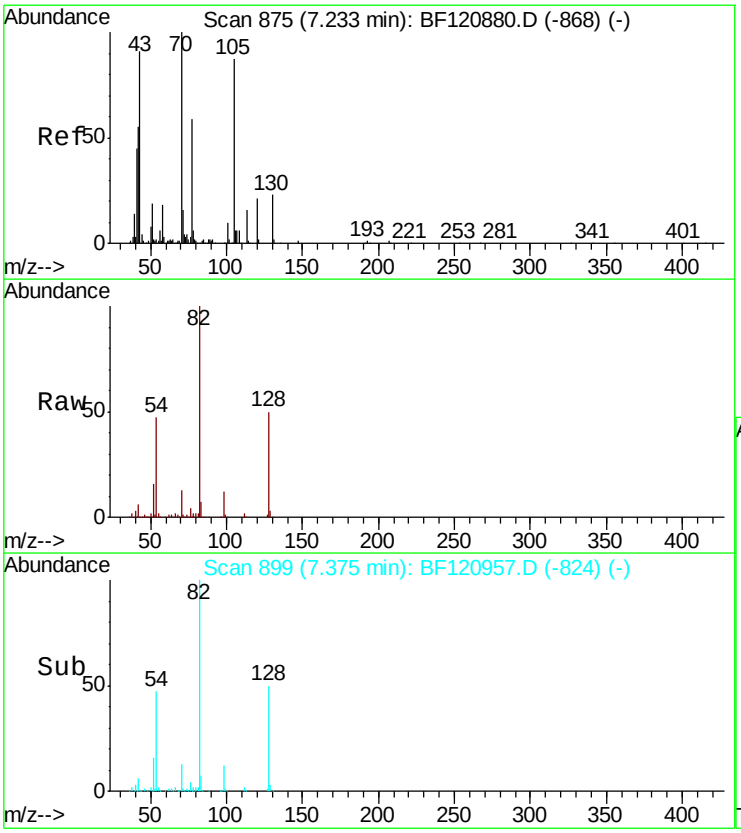
#7
Phenol-d6
Concen: 55.789 ng
RT: 6.44 min Scan# 740
Delta R.T. -0.01 min
Lab File: BF120957.D
Acq: 21 Jul 2020 16:46

Instrument :
BNA_F
ClientSampleId :
BACK-YARD

Tgt Ion: 99 Resp: 753645

Ion	Ratio	Lower	Upper
99	100		
42	16.7	13.1	19.7
71	30.6	24.2	36.4

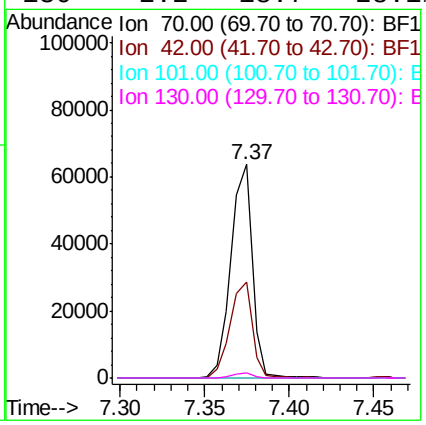


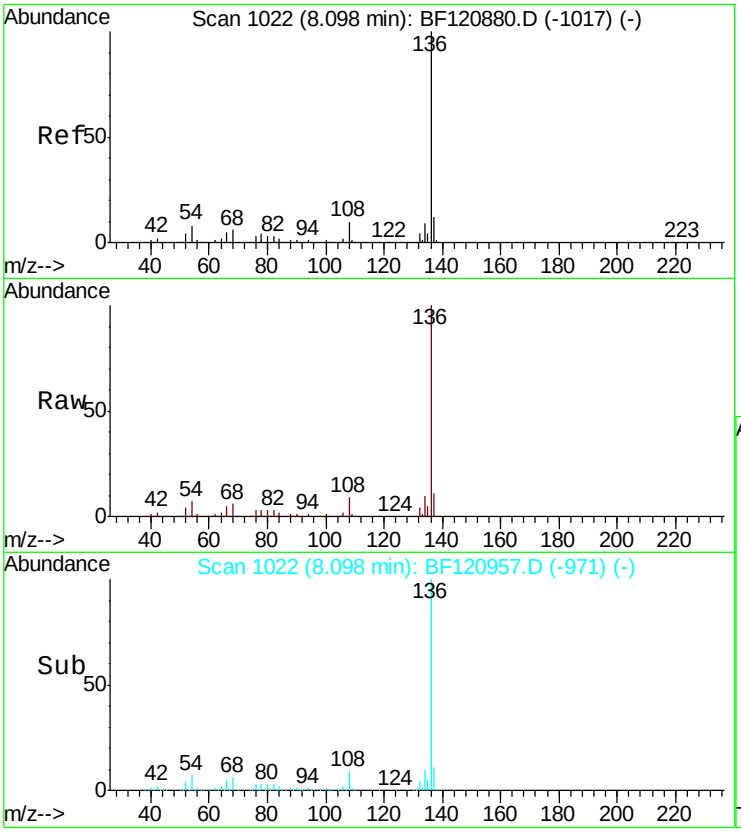


#19
n-Nitroso-di-n-propylamine
Concen: 7.350 ng
RT: 7.37 min Scan# 899
Delta R.T. 0.14 min
Lab File: BF120957.D
Acq: 21 Jul 2020 16:46

Tgt Ion: 70 Resp: 56458

Ion	Ratio	Lower	Upper
70	100		
42	45.2	44.0	66.0
101	0.0	7.8	11.6#
130	2.2	18.7	28.1#



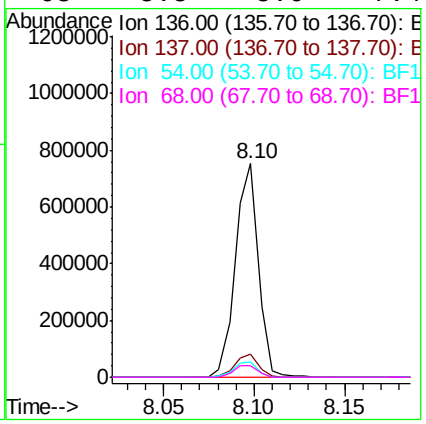


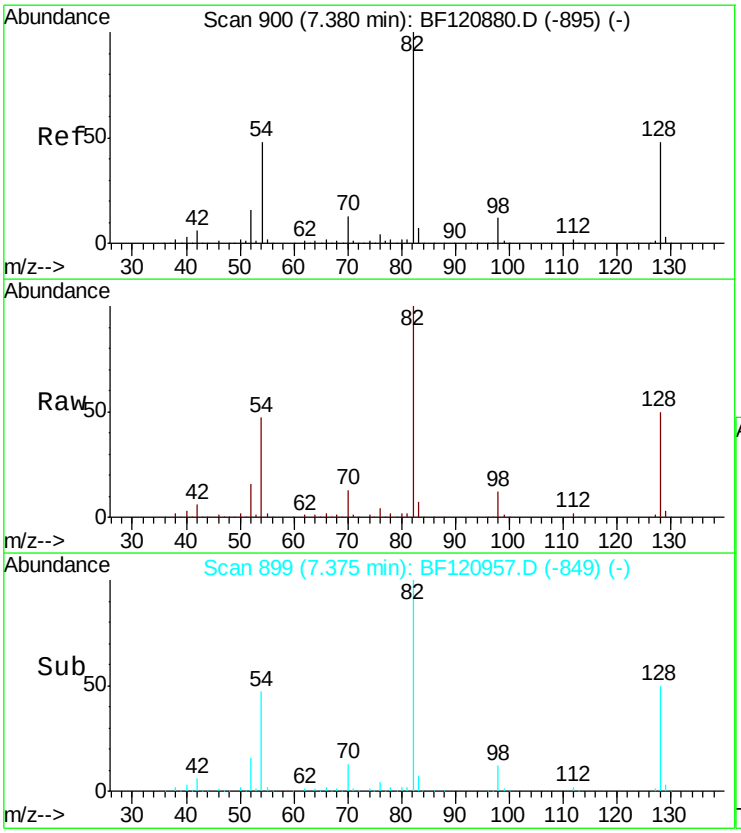
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.10 min Scan# 1022
Delta R.T. 0.00 min
Lab File: BF120957.D
Acq: 21 Jul 2020 16:46

Instrument :
BNA_F
ClientSampleId :
BACK-YARD

Tgt Ion:136 Resp: 665383

Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.3	13.9
54	6.9	6.3	9.5
68	5.5	5.0	7.4

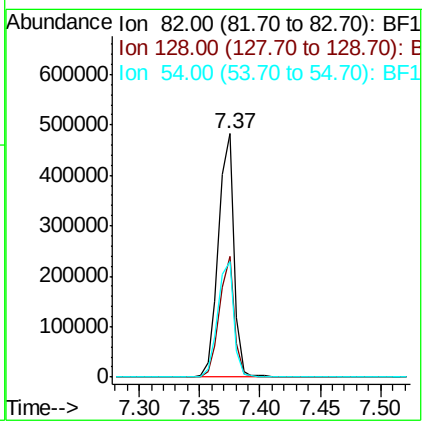


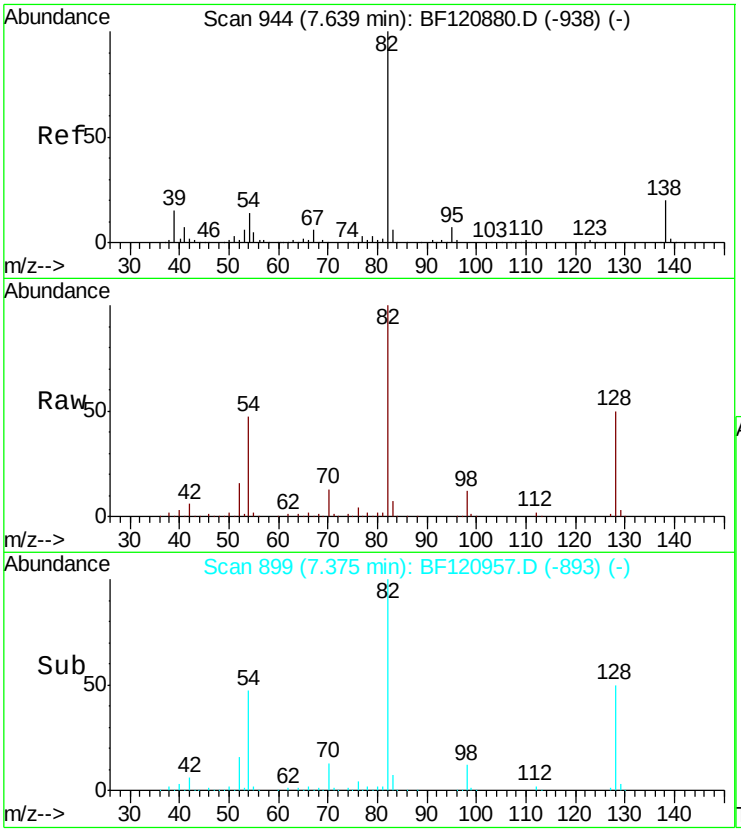


#23
Nitrobenzene-d5
Concen: 37.239 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.01 min
Lab File: BF120957.D
Acq: 21 Jul 2020 16:46

Tgt Ion: 82 Resp: 428224

Ion	Ratio	Lower	Upper
82	100		
128	49.8	38.2	57.4
54	47.5	38.7	58.1



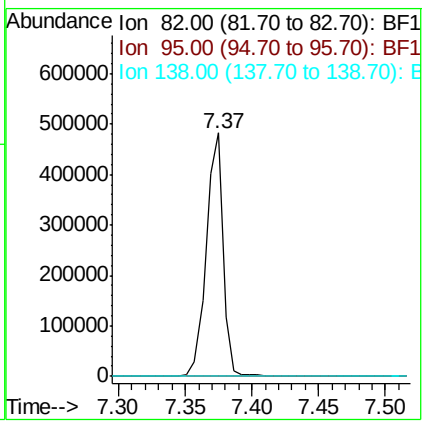


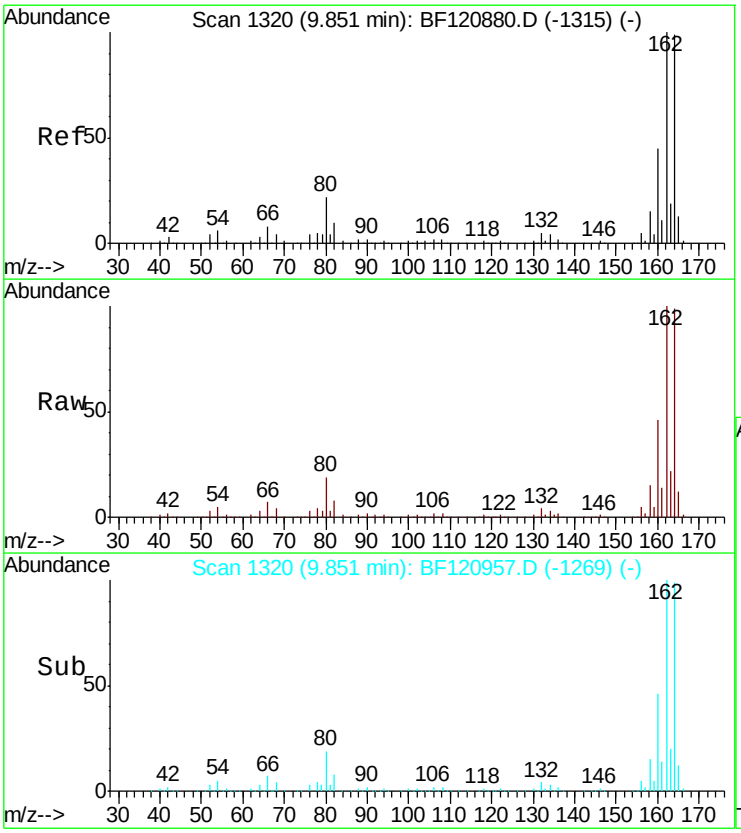
#25
Isophorone
Concen: 18.423 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.26 min
Lab File: BF120957.D
Acq: 21 Jul 2020 16:46

Instrument :
BNA_F
ClientSampleId :
BACK-YARD

Tgt Ion: 82 Resp: 422799

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

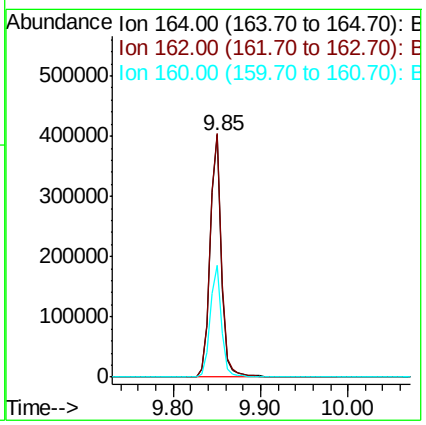


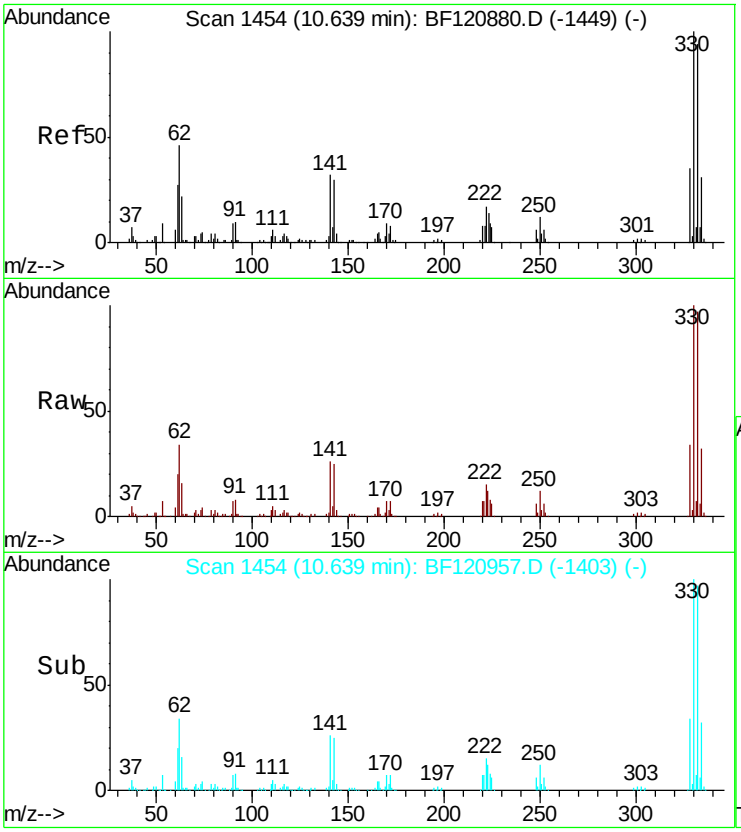


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1320
Delta R.T. 0.00 min
Lab File: BF120957.D
Acq: 21 Jul 2020 16:46

Tgt Ion:164 Resp: 360225

Ion	Ratio	Lower	Upper
164	100		
162	100.6	81.2	121.8
160	46.0	36.9	55.3



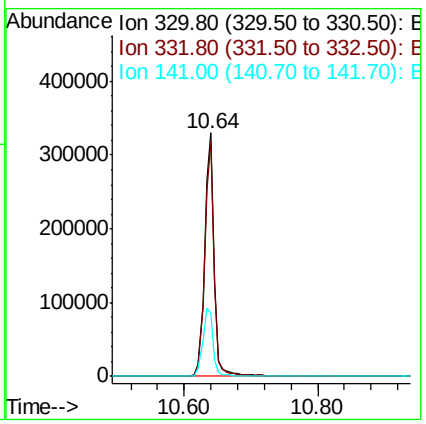


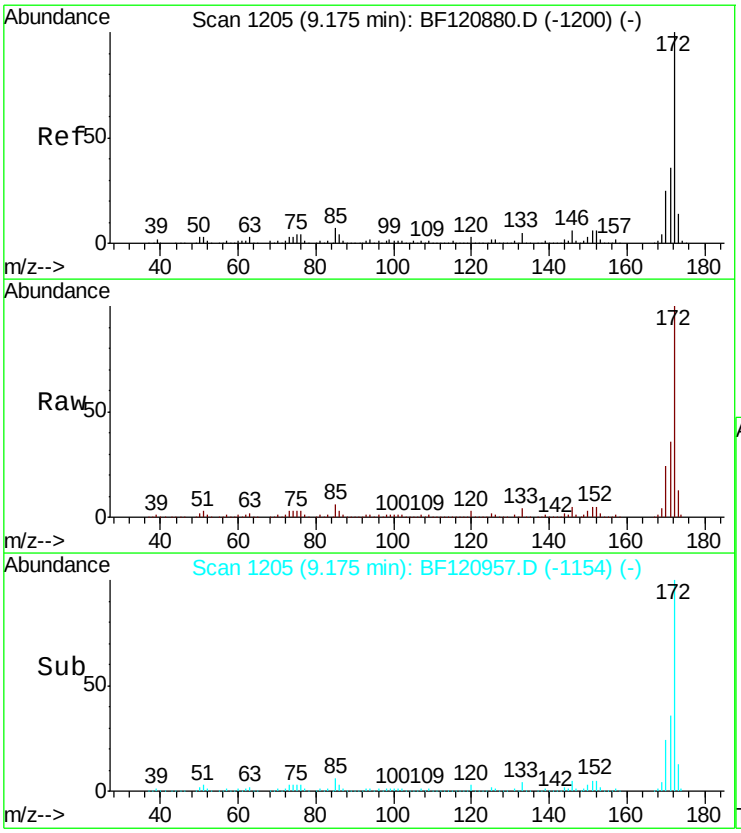
#42
2,4,6-Tribromophenol
Concen: 81.679 ng
RT: 10.64 min Scan# 1454
Delta R.T. 0.00 min
Lab File: BF120957.D
Acq: 21 Jul 2020 16:46

Instrument :
BNA_F
ClientSampleId :
BACK-YARD

Tgt Ion:330 Resp: 322060

Ion	Ratio	Lower	Upper
330	100		
332	96.0	75.5	113.3
141	30.7	25.7	38.5

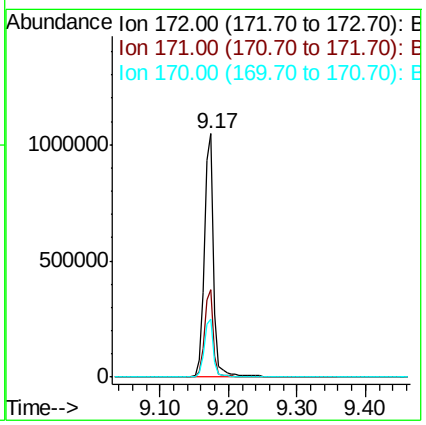


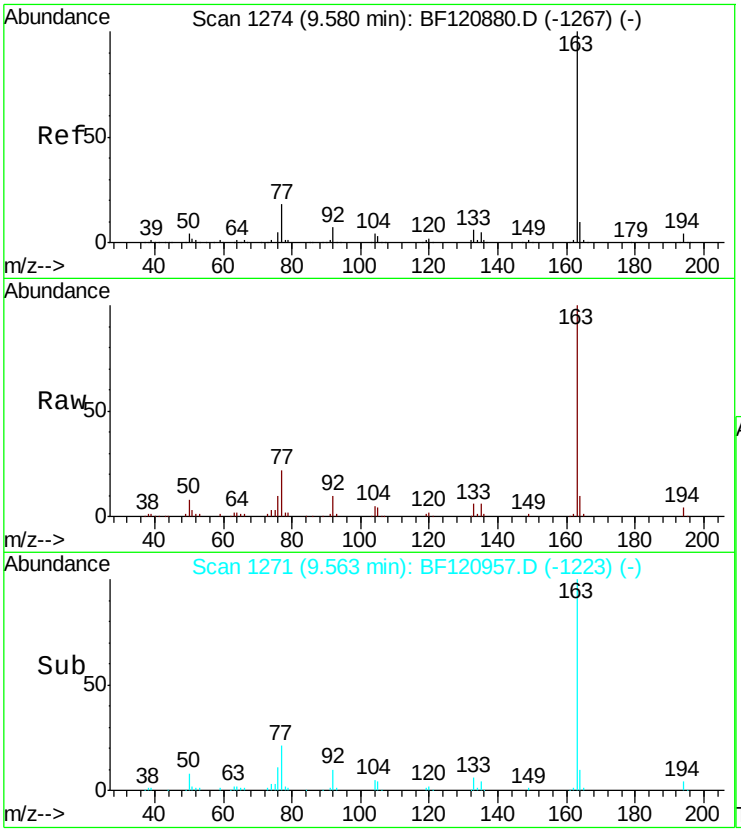


#45
2-Fluorobiphenyl
Concen: 41.977 ng
RT: 9.17 min Scan# 1205
Delta R.T. 0.00 min
Lab File: BF120957.D
Acq: 21 Jul 2020 16:46

Tgt Ion:172 Resp: 1012775

Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.0	43.4
170	24.0	19.6	29.4



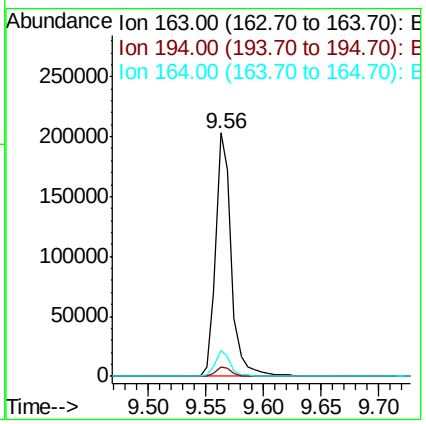


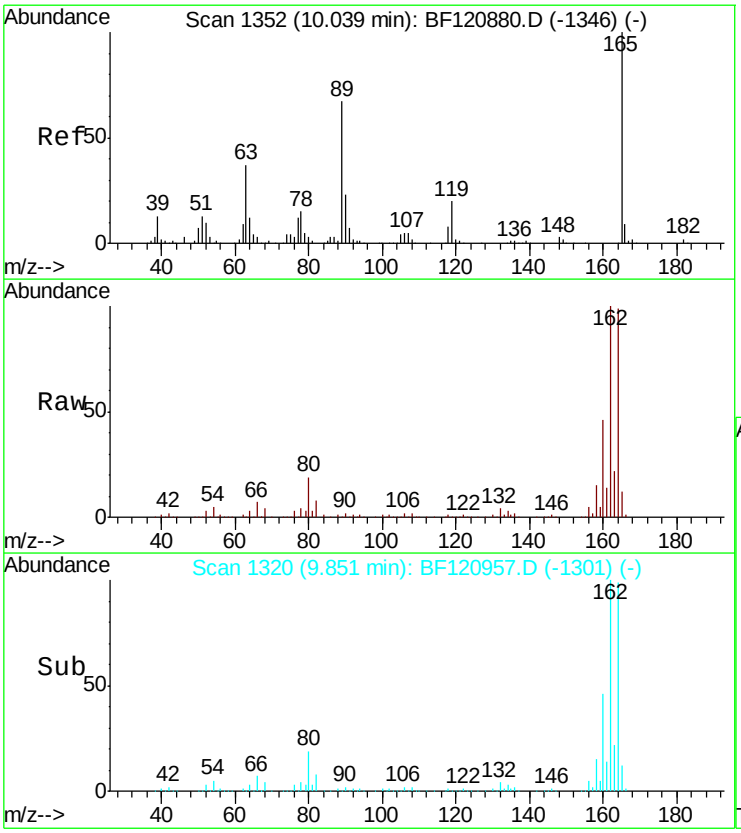
#50
Dimethylphthalate
Concen: 7.391 ng
RT: 9.56 min Scan# 1271
Delta R.T. -0.02 min
Lab File: BF120957.D
Acq: 21 Jul 2020 16:46

Instrument :
BNA_F
ClientSampleId :
BACK-YARD

Tgt Ion:163 Resp: 192090

Ion	Ratio	Lower	Upper
163	100		
194	3.7	3.2	4.8
164	10.4	7.9	11.9

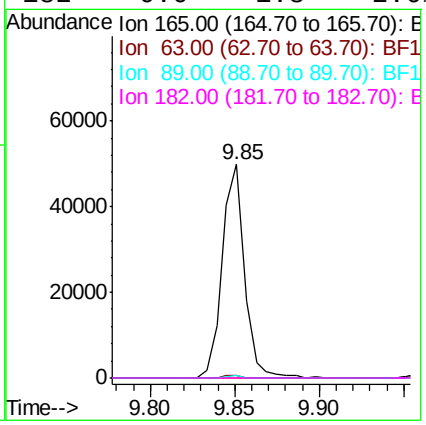


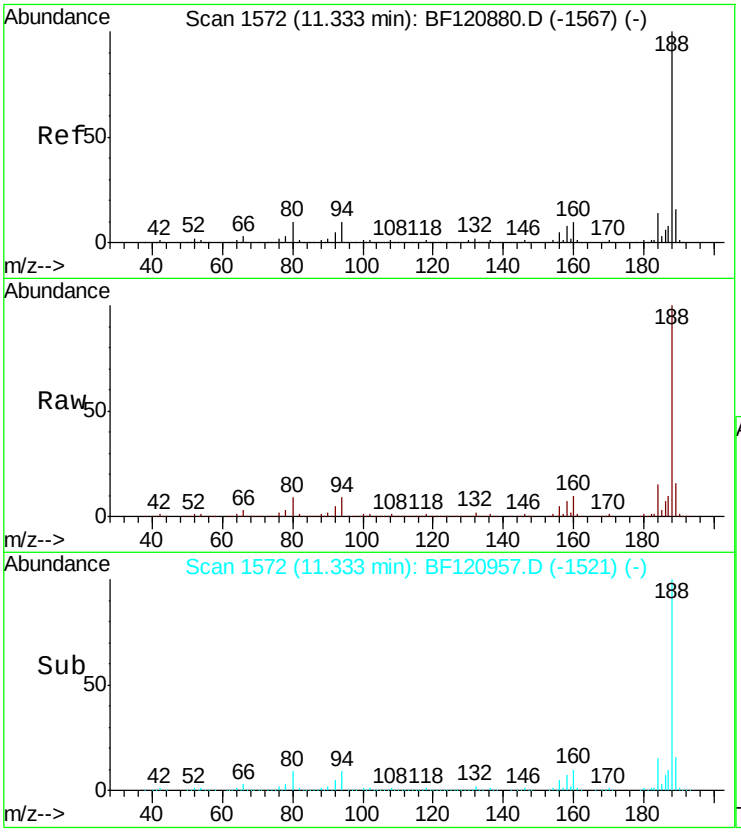


#57
2,4-Dinitrotoluene
Concen: 6.238 ng
RT: 9.85 min Scan# 1320
Delta R.T. -0.19 min
Lab File: BF120957.D
Acq: 21 Jul 2020 16:46

Tgt Ion:165 Resp: 45740

Ion	Ratio	Lower	Upper
165	100		
63	1.1	29.4	44.2#
89	1.1	53.4	80.0#
182	0.0	1.8	2.6#



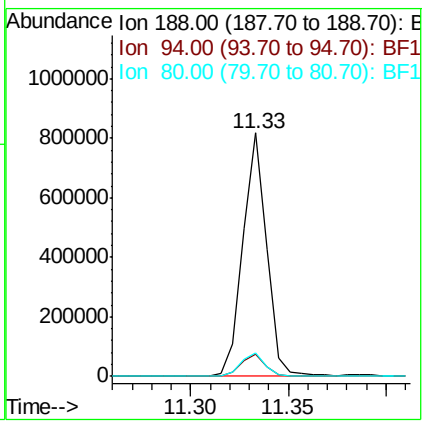


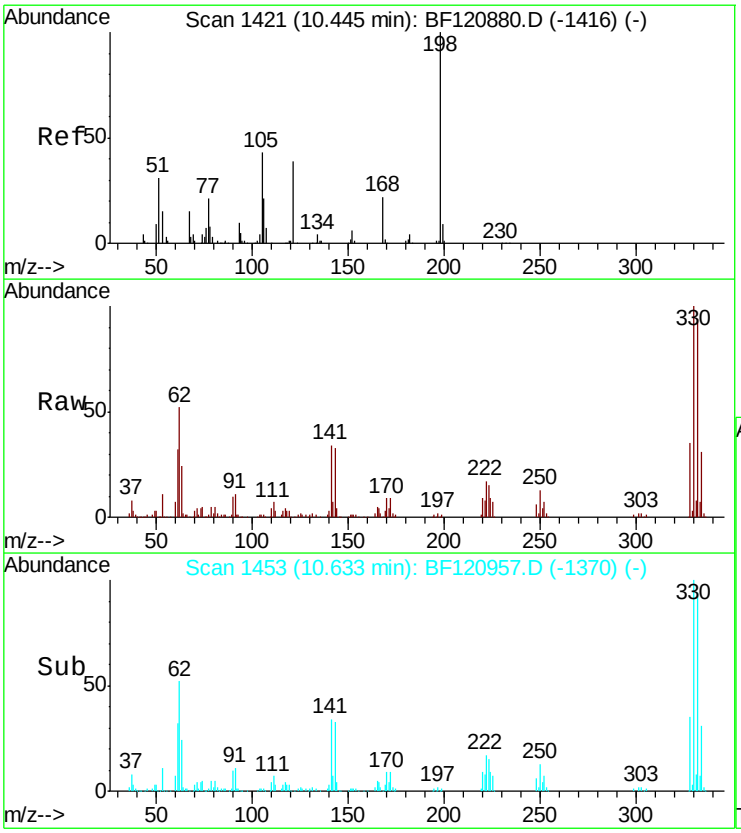
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1572
Delta R.T. 0.00 min
Lab File: BF120957.D
Acq: 21 Jul 2020 16:46

Instrument :
BNA_F
ClientSampleId :
BACK-YARD

Tgt Ion:188 Resp: 692381

Ion	Ratio	Lower	Upper
188	100		
94	9.3	8.0	12.0
80	9.4	8.3	12.5

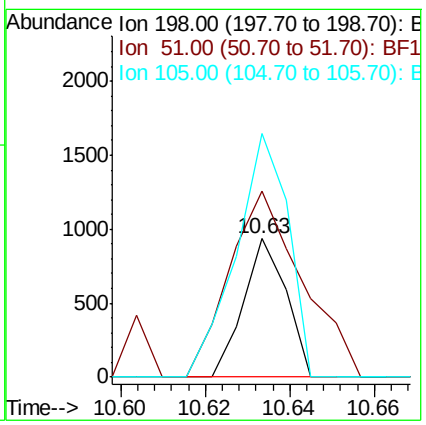


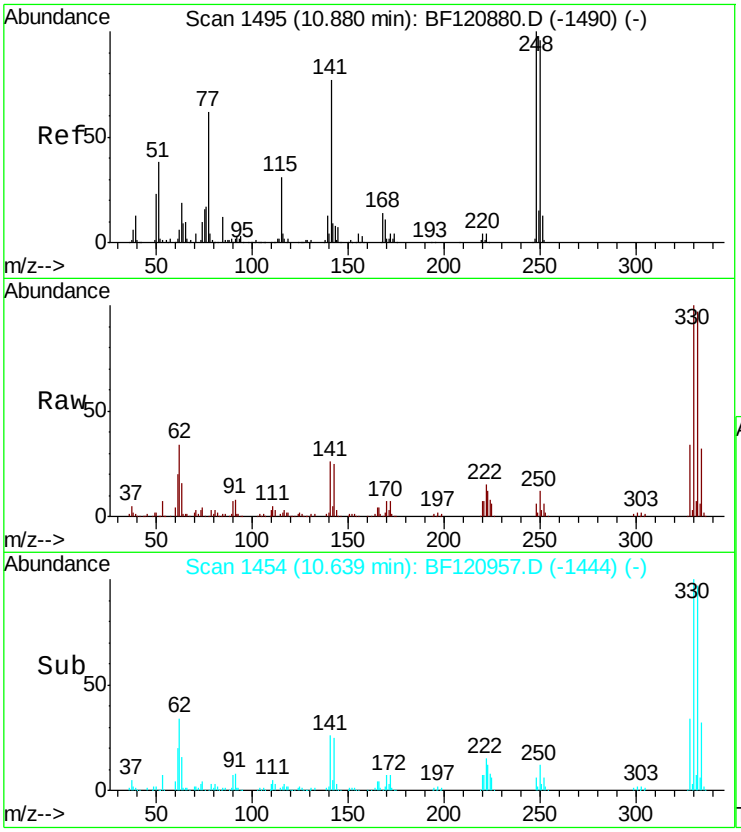


#65
4,6-Dinitro-2-methylphenol
Concen: 3.994 ng
RT: 10.63 min Scan# 1453
Delta R.T. 0.19 min
Lab File: BF120957.D
Acq: 21 Jul 2020 16:46

Tgt Ion:198 Resp: 659

Ion	Ratio	Lower	Upper
198	100		
51	134.7	19.5	59.5#
105	176.2	24.4	64.4#



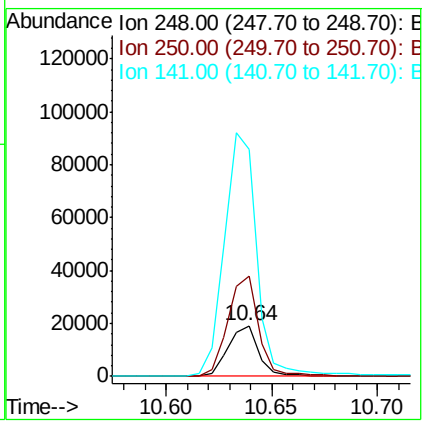


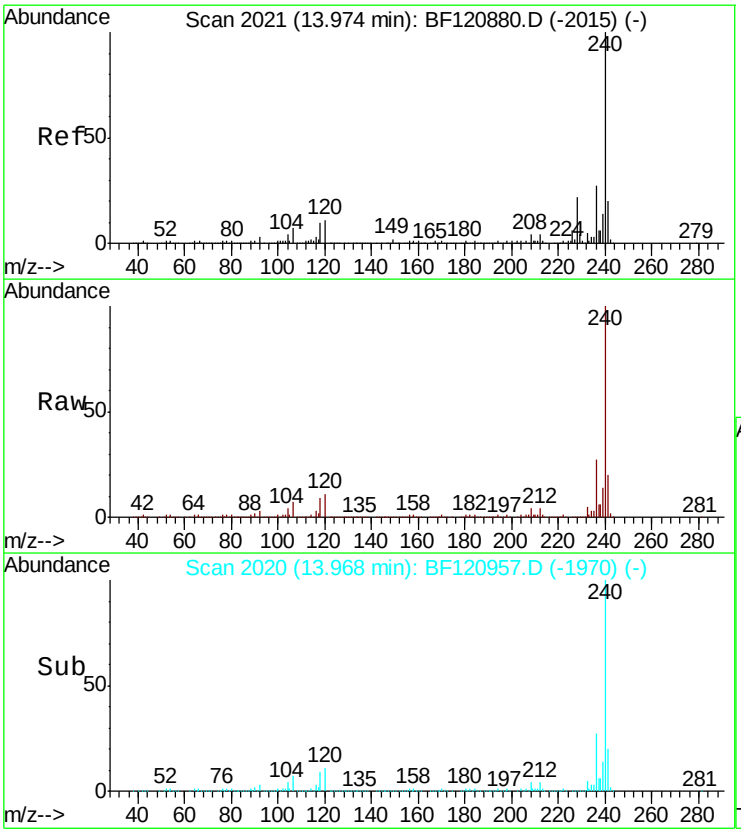
#67
4-Bromophenyl-phenylether
Concen: 2.449 ng
RT: 10.64 min Scan# 1454
Delta R.T. -0.24 min
Lab File: BF120957.D
Acq: 21 Jul 2020 16:46

Instrument :
BNA_F
ClientSampleId :
BACK-YARD

Tgt Ion:248 Resp: 18902

Ion	Ratio	Lower	Upper
248	100		
250	199.2	77.1	115.7#
141	450.3	61.2	91.8#

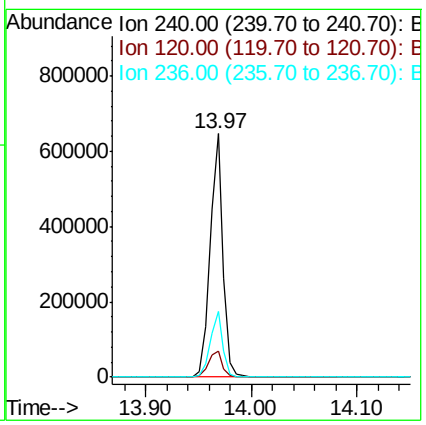


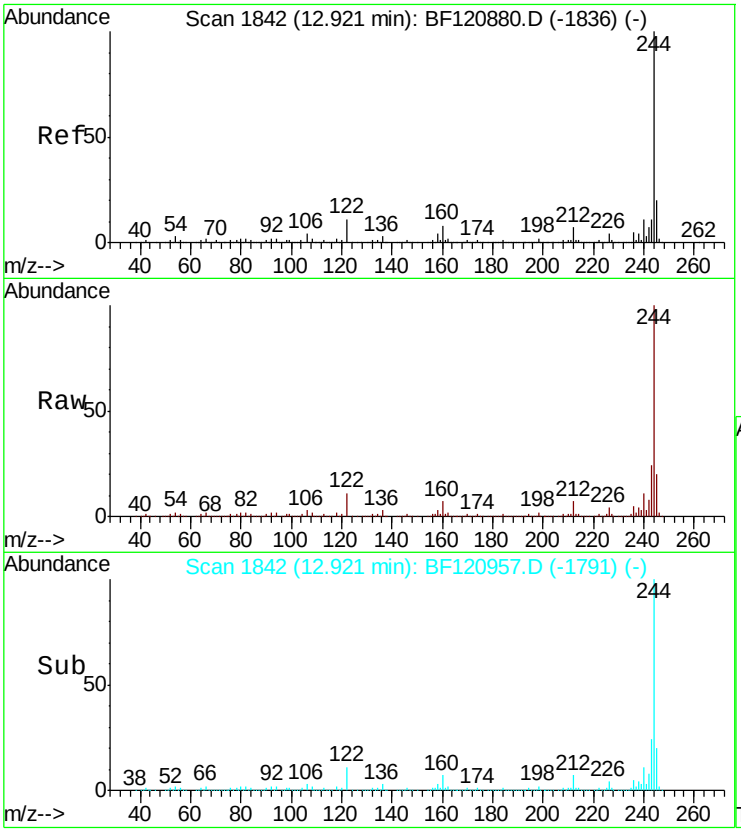


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.01 min
Lab File: BF120957.D
Acq: 21 Jul 2020 16:46

Tgt Ion:240 Resp: 553330

Ion	Ratio	Lower	Upper
240	100		
120	10.6	9.0	13.4
236	26.8	21.7	32.5



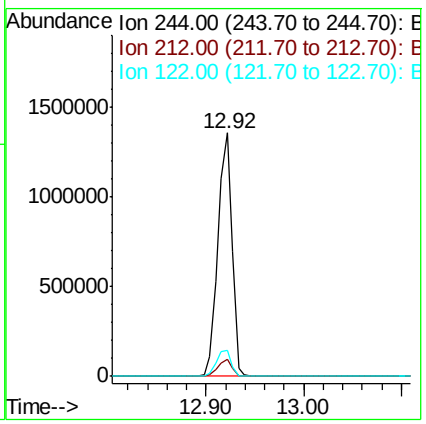


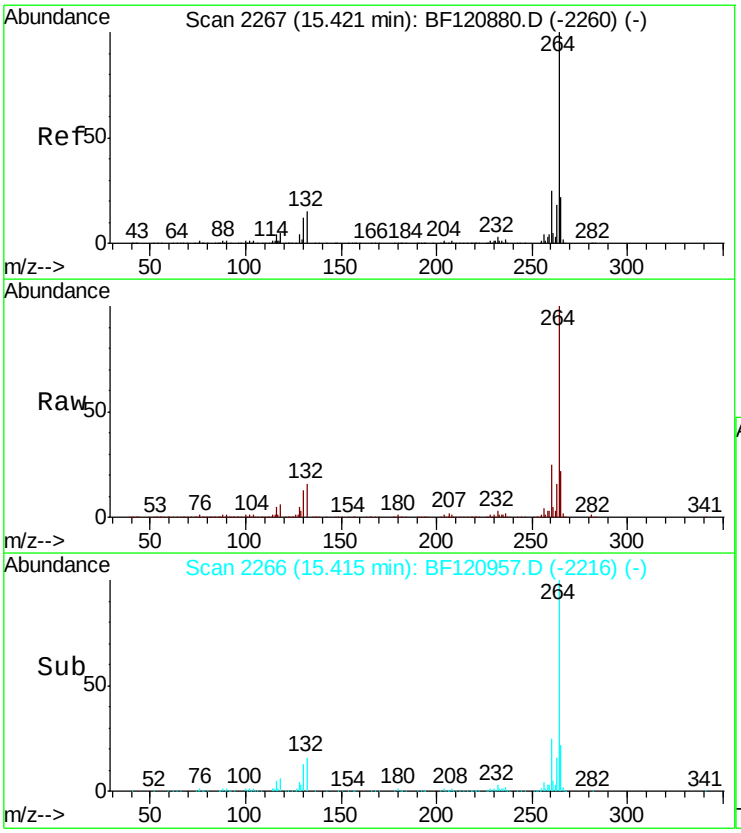
#79
Terphenyl-d14
Concen: 53.713 ng
RT: 12.92 min Scan# 1842
Delta R.T. 0.00 min
Lab File: BF120957.D
Acq: 21 Jul 2020 16:46

Instrument :
BNA_F
ClientSampleId :
BACK-YARD

Tgt Ion:244 Resp: 1367257

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.6	8.4
122	10.9	8.9	13.3





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.42 min Scan# 2266
Delta R.T. -0.01 min
Lab File: BF120957.D
Acq: 21 Jul 2020 16:46

Tgt Ion:264 Resp: 449291

Ion	Ratio	Lower	Upper
264	100		
260	24.8	20.0	30.0
265	21.8	17.4	26.2