Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071720\
Data File : BF120914.D
Acq On : 17 Jul 2020 10:51
Operator : JU/CG
Sample : PB130249TB
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB130249TB

Quant Time: Jul 17 11:17:29 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	173101	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	656738	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	333957	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	627099	20.00	ng	0.00
76) Chrysene-d12	13.97	240	503593	20.00	ng	0.00
86) Perylene-d12	15.42	264	463318	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	1129017	106.92	ng	0.01
7) Phenol-d6	6.45	99	1330244	97.53	ng	0.00
23) Nitrobenzene-d5	7.37	82	839413	73.96	ng	0.00
42) 2,4,6-Tribromophenol	10.64	330	376143	102.90	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	1531990	68.49	ng	0.00
79) Terphenyl-d14	12.92	244	1507695	65.08	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.45	77	1823	Below Cal	#	1
19) n-Nitroso-di-n-propylamine	7.37	70	110578	14.257	ng	# 79
25) Isophorone	7.37	82	834086	36.822	ng	# 63
50) Dimethylphthalate	9.85	163	73028	3.031	ng	# 1
51) 2,6-Dinitrotoluene	9.85	165	43587	8.421	ng	# 23
57) 2,4-Dinitrotoluene	9.85	165	43587	6.412	ng	# 27
65) 4,6-Dinitro-2-methylphenol	10.63	198	701	4.020	ng	# 1
67) 4-Bromophenyl-phenylether	10.63	248	21848	3.125	ng	# 1

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

Quantitation Report (Not Reviewed)

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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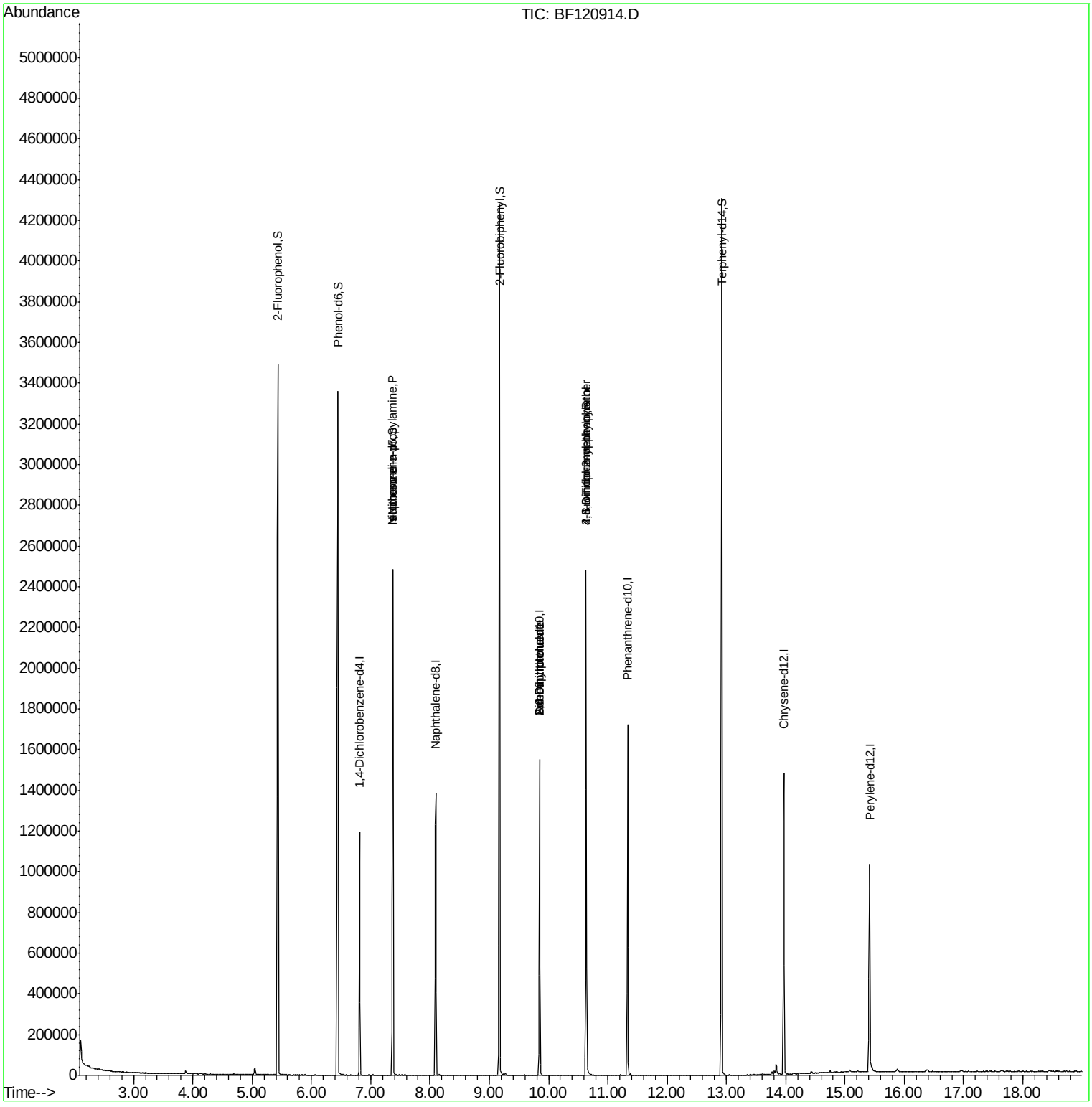
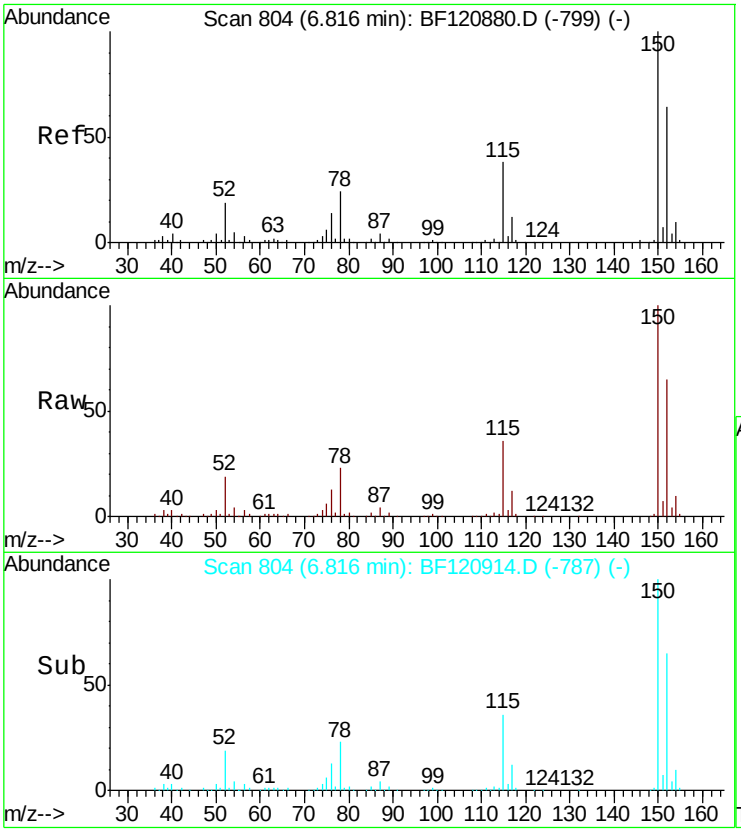


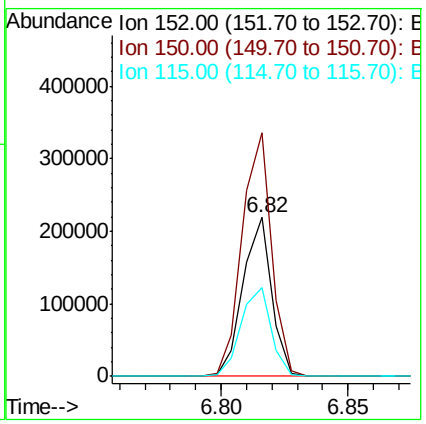


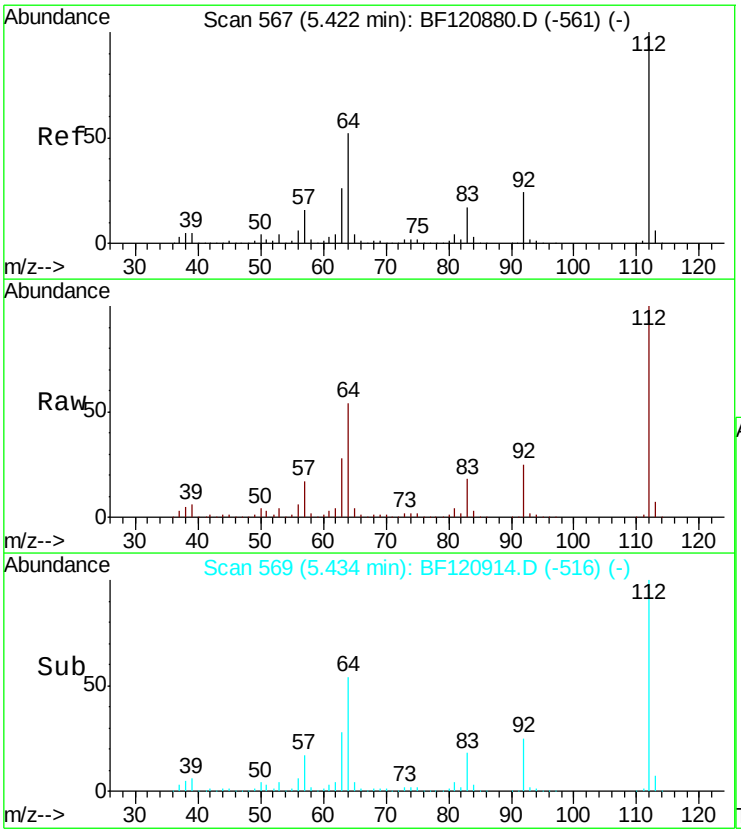
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 804
Delta R.T. 0.00 min
Lab File: BF120914.D
Acq: 17 Jul 2020 10:51

Instrument :
BNA_F
ClientSampleId :
PB130249TB

Tgt Ion:152 Resp: 173101

Ion	Ratio	Lower	Upper
152	100		
150	153.2	125.0	187.6
115	55.8	47.0	70.4

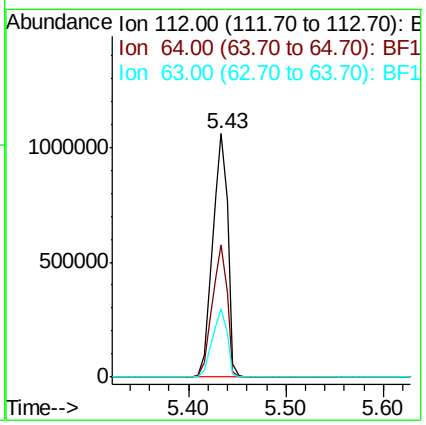


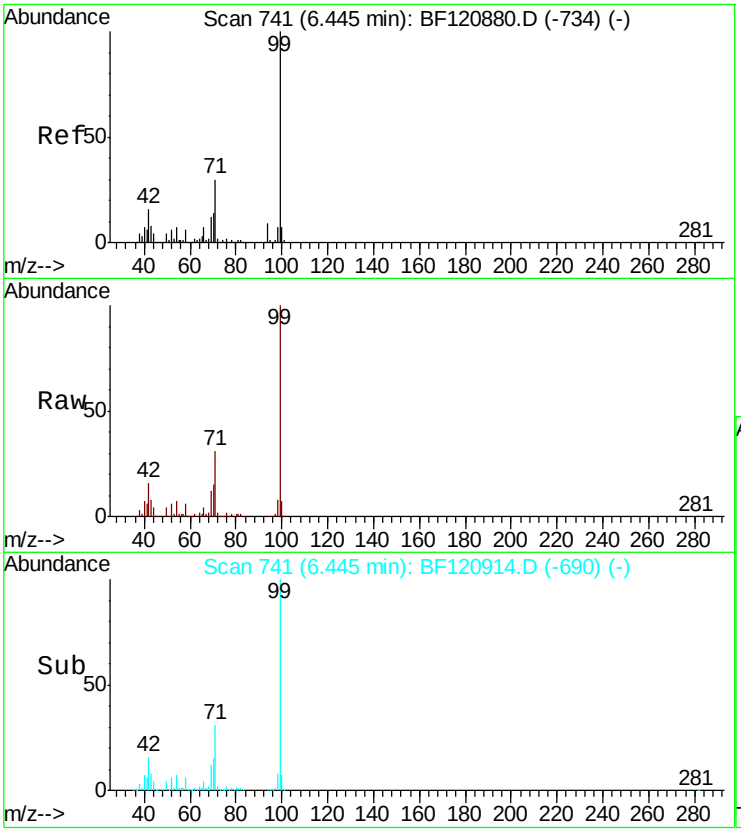


#5
2-Fluorophenol
Concen: 106.924 ng
RT: 5.43 min Scan# 569
Delta R.T. 0.01 min
Lab File: BF120914.D
Acq: 17 Jul 2020 10:51

Tgt Ion:112 Resp: 1129017

Ion	Ratio	Lower	Upper
112	100		
64	54.4	41.3	61.9
63	28.1	21.1	31.7



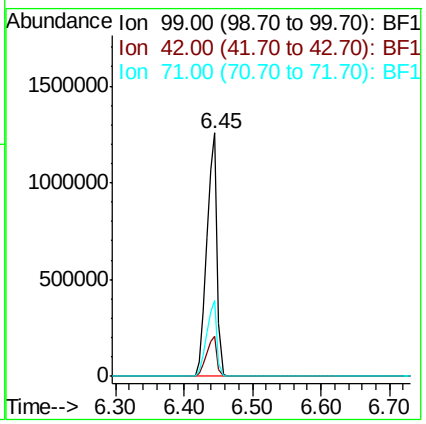


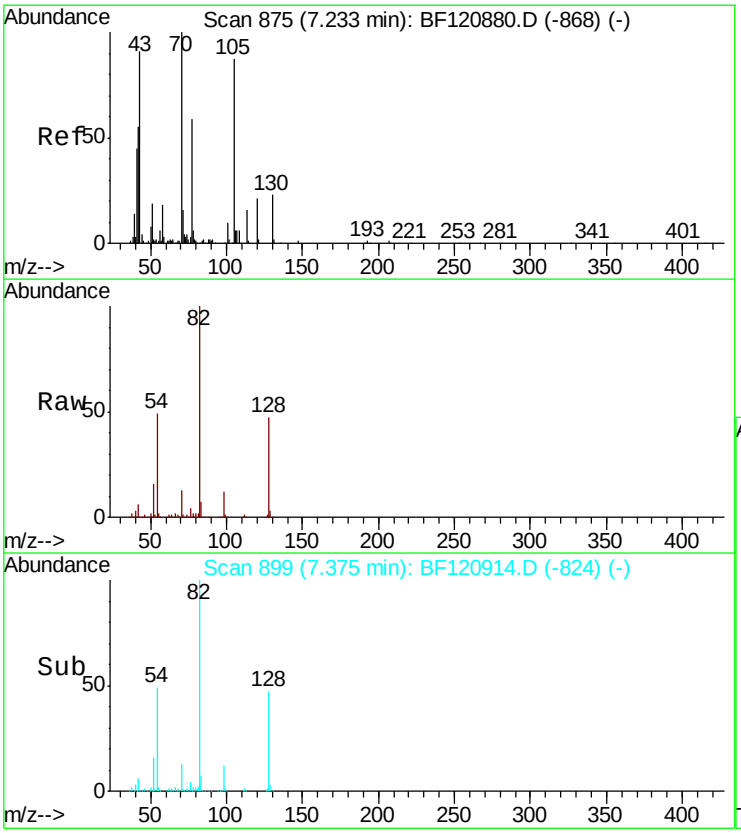
#7
Phenol-d6
Concen: 97.528 ng
RT: 6.45 min Scan# 741
Delta R.T. 0.00 min
Lab File: BF120914.D
Acq: 17 Jul 2020 10:51

Instrument :
BNA_F
ClientSampleId :
PB130249TB

Tgt Ion: 99 Resp: 1330244

Ion	Ratio	Lower	Upper
99	100		
42	16.4	13.1	19.7
71	31.0	24.2	36.4

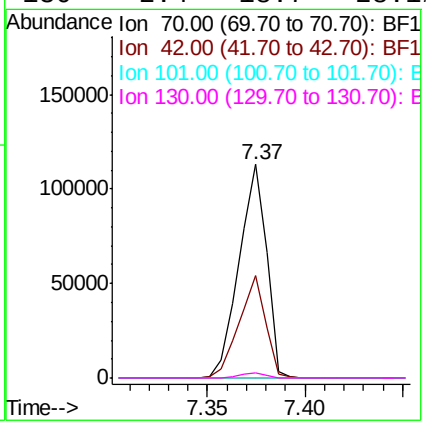


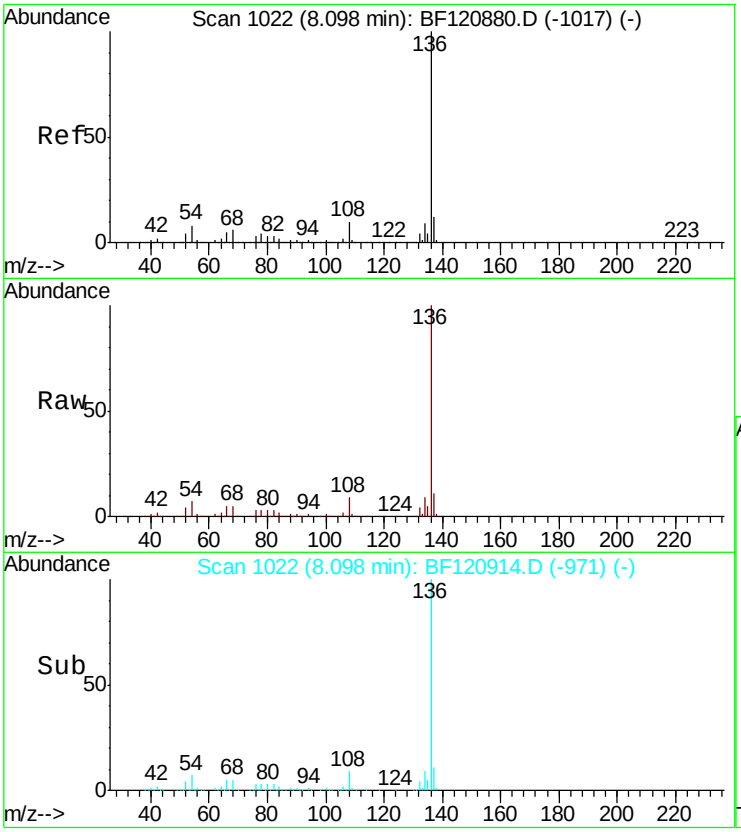


#19
n-Nitroso-di-n-propylamine
Concen: 14.257 ng
RT: 7.37 min Scan# 899
Delta R.T. 0.14 min
Lab File: BF120914.D
Acq: 17 Jul 2020 10:51

Tgt Ion: 70 Resp: 110578

Ion	Ratio	Lower	Upper
70	100		
42	47.7	44.0	66.0
101	0.0	7.8	11.6#
130	2.4	18.7	28.1#



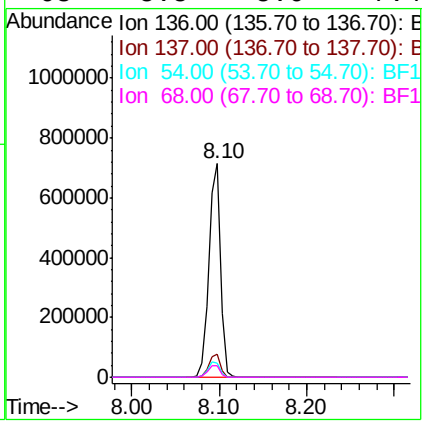


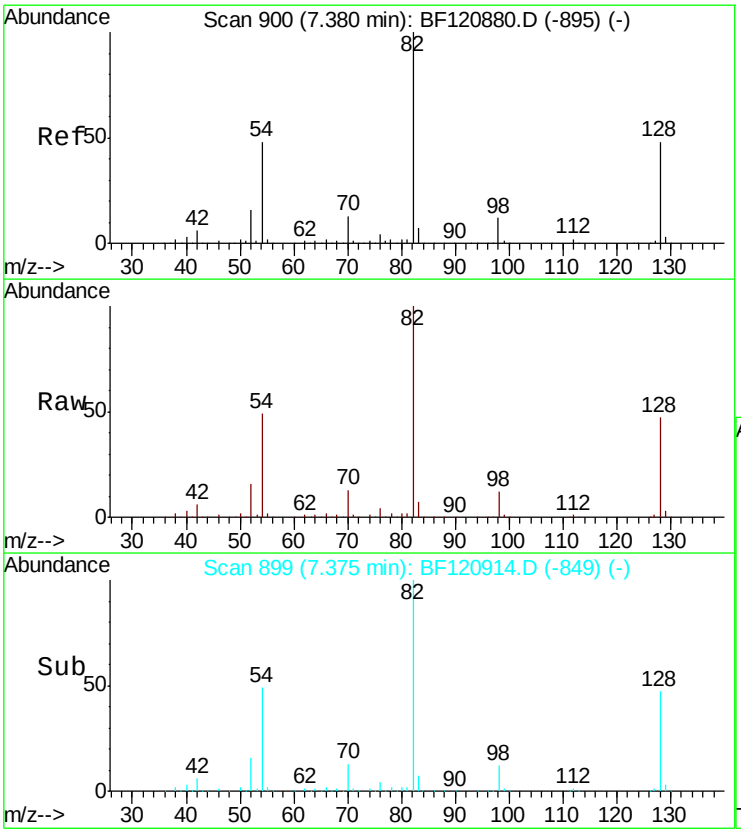
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.10 min Scan# 1022
Delta R.T. 0.00 min
Lab File: BF120914.D
Acq: 17 Jul 2020 10:51

Instrument :
BNA_F
ClientSampleId :
PB130249TB

Tgt Ion:136 Resp: 656738

Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.3	13.9
54	6.8	6.3	9.5
68	5.5	5.0	7.4

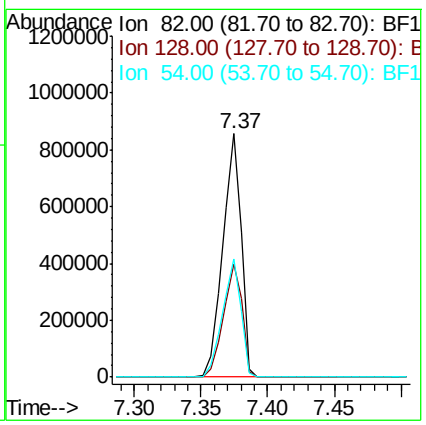


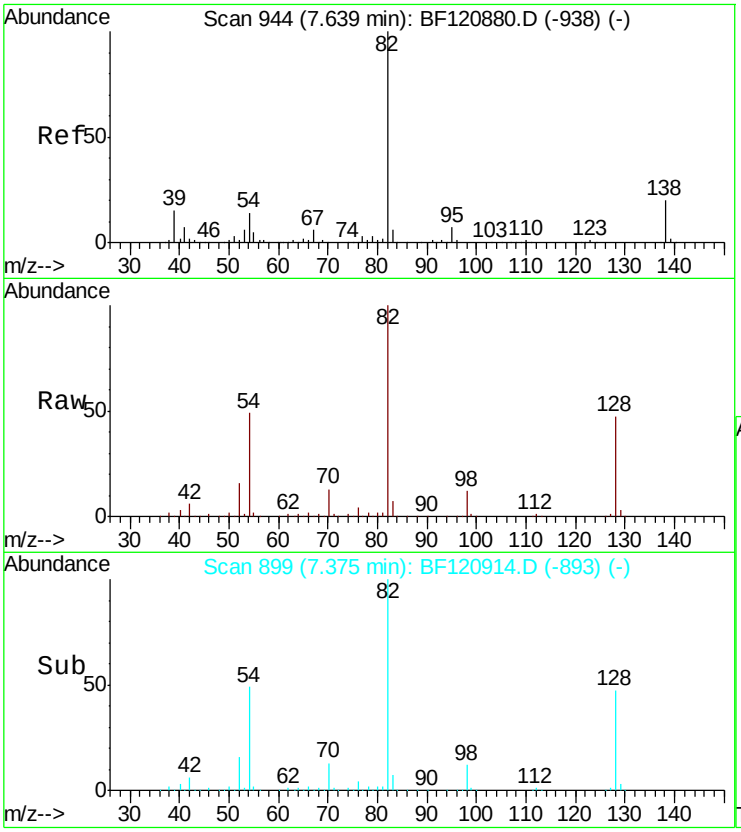


#23
Nitrobenzene-d5
Concen: 73.958 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.01 min
Lab File: BF120914.D
Acq: 17 Jul 2020 10:51

Tgt Ion: 82 Resp: 839413

Ion	Ratio	Lower	Upper
82	100		
128	46.6	38.2	57.4
54	48.8	38.7	58.1



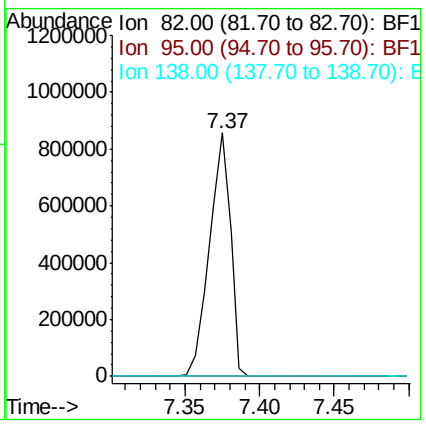


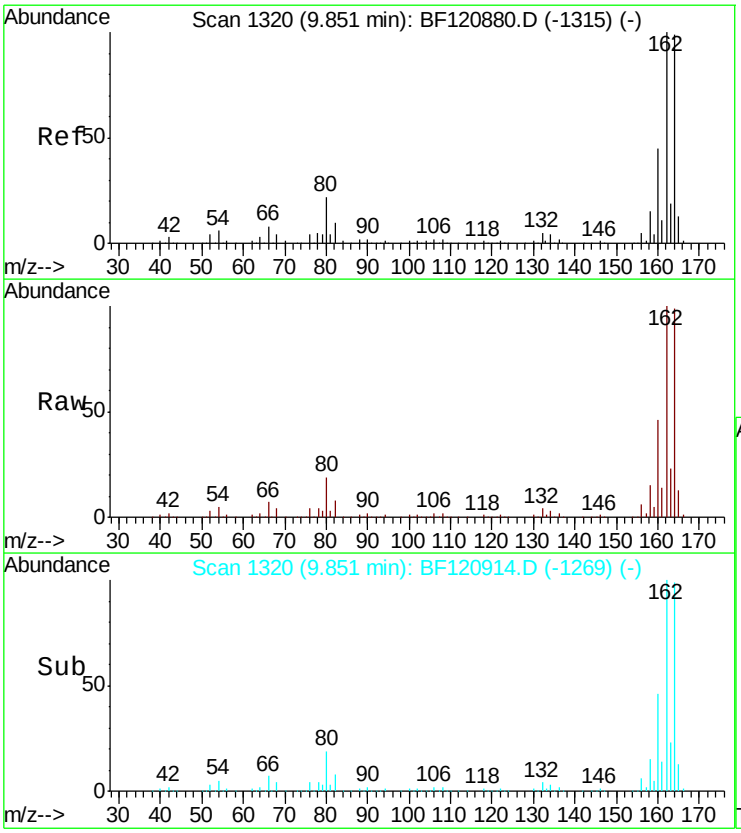
#25
Isophorone
Concen: 36.822 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.26 min
Lab File: BF120914.D
Acq: 17 Jul 2020 10:51

Instrument :
BNA_F
ClientSampleId :
PB130249TB

Tgt Ion: 82 Resp: 834086

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

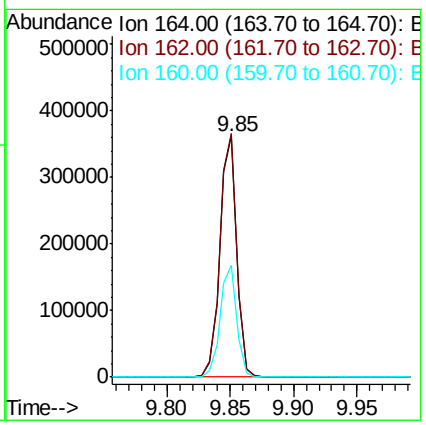


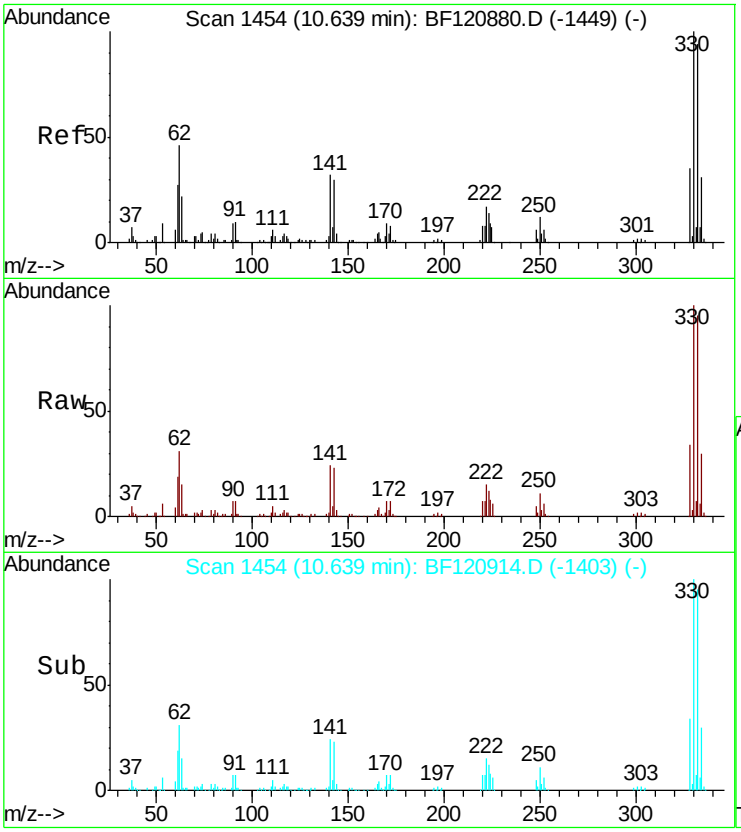


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1320
Delta R.T. 0.00 min
Lab File: BF120914.D
Acq: 17 Jul 2020 10:51

Tgt Ion:164 Resp: 333957

Ion	Ratio	Lower	Upper
164	100		
162	101.2	81.2	121.8
160	46.5	36.9	55.3



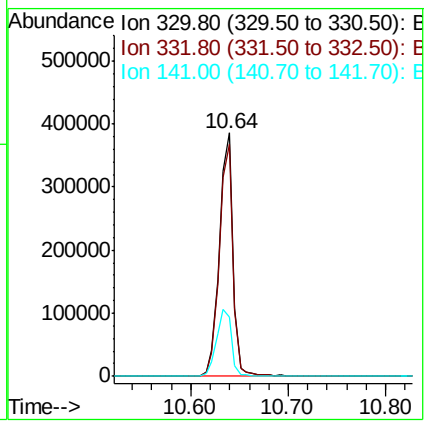


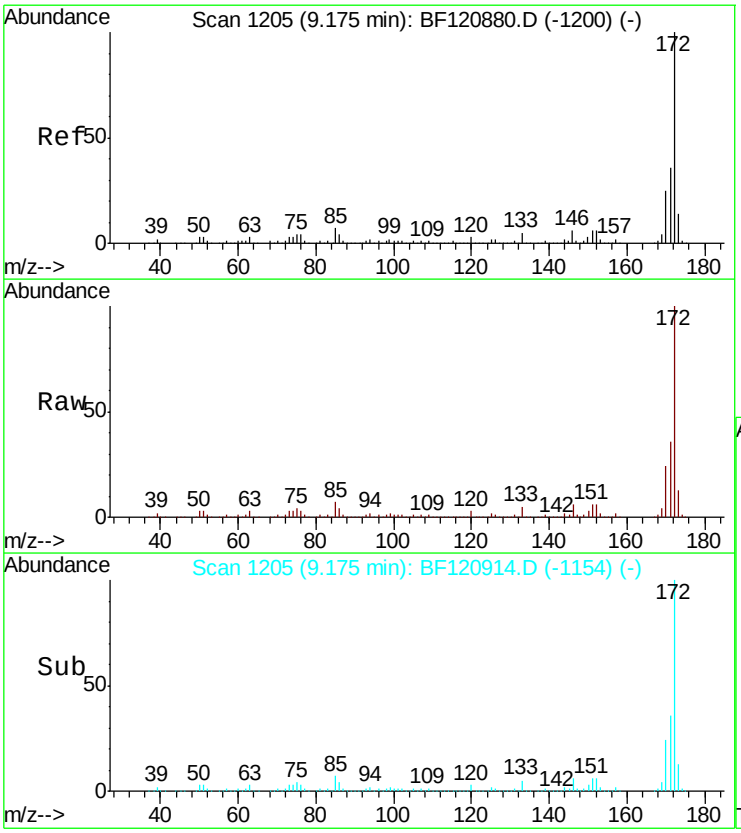
#42
2,4,6-Tribromophenol
Concen: 102.898 ng
RT: 10.64 min Scan# 1454
Delta R.T. 0.00 min
Lab File: BF120914.D
Acq: 17 Jul 2020 10:51

Instrument :
BNA_F
ClientSampleId :
PB130249TB

Tgt Ion:330 Resp: 376143

Ion	Ratio	Lower	Upper
330	100		
332	95.8	75.5	113.3
141	30.4	25.7	38.5

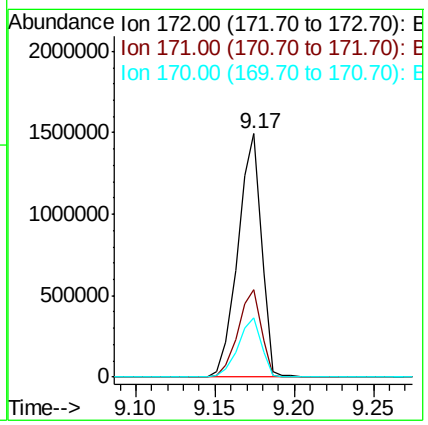


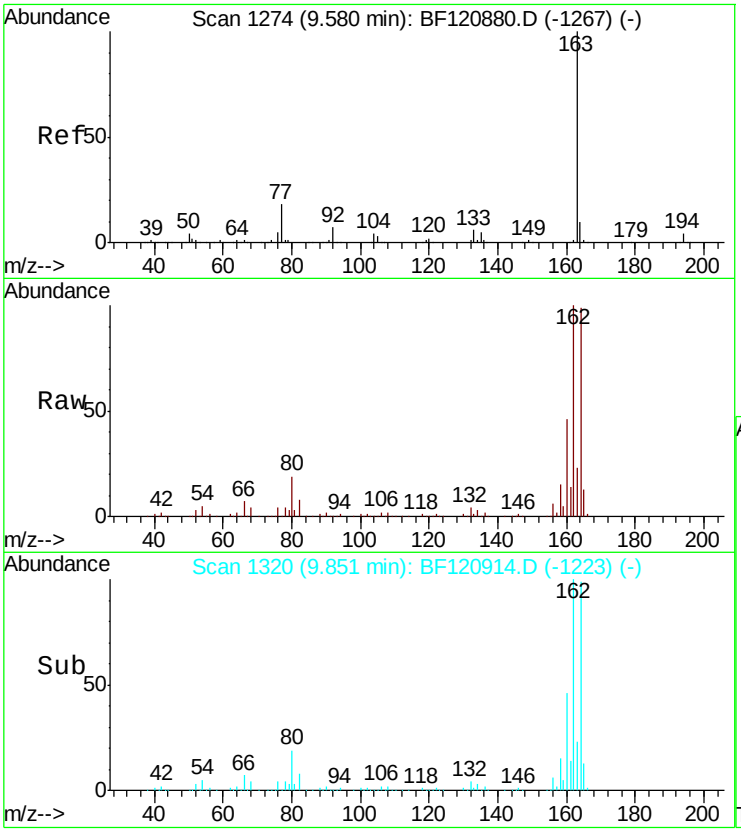


#45
2-Fluorobiphenyl
Concen: 68.492 ng
RT: 9.17 min Scan# 1205
Delta R.T. 0.00 min
Lab File: BF120914.D
Acq: 17 Jul 2020 10:51

Tgt Ion:172 Resp: 1531990

Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.0	43.4
170	24.4	19.6	29.4



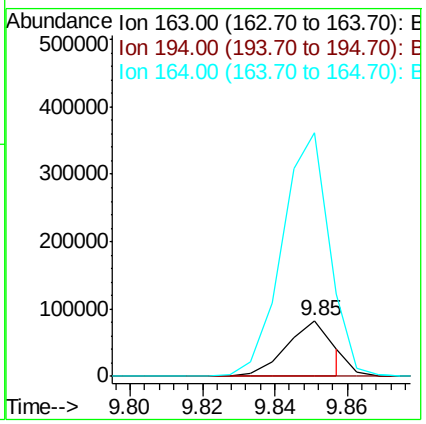


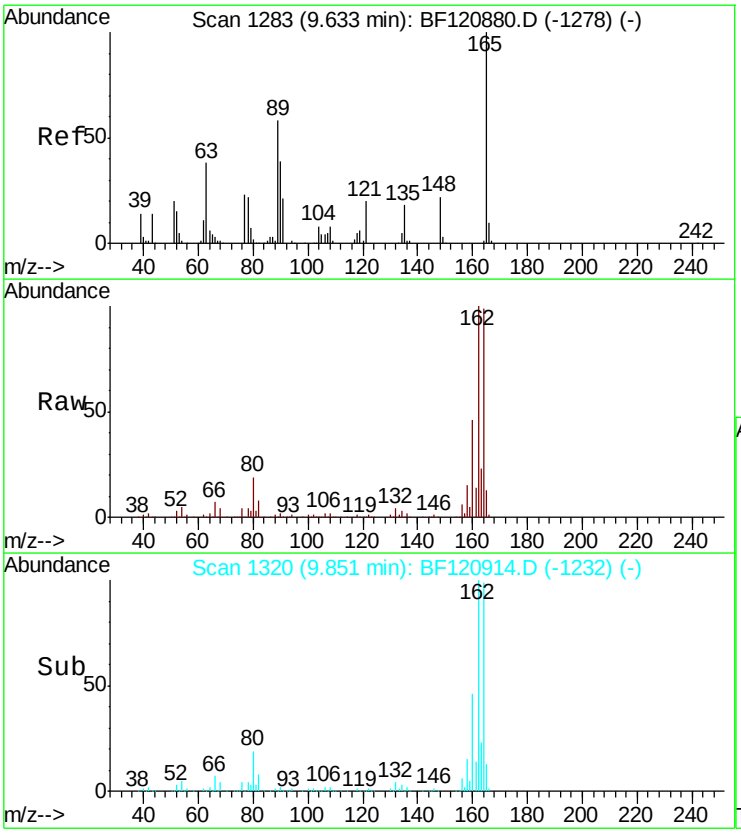
#50
Dimethylphthalate
Concen: 3.031 ng
RT: 9.85 min Scan# 1320
Delta R.T. 0.27 min
Lab File: BF120914.D
Acq: 17 Jul 2020 10:51

Instrument :
BNA_F
ClientSampleId :
PB130249TB

Tgt Ion:163 Resp: 73028

Ion	Ratio	Lower	Upper
163	100		
194	0.0	3.2	4.8#
164	436.3	7.9	11.9#

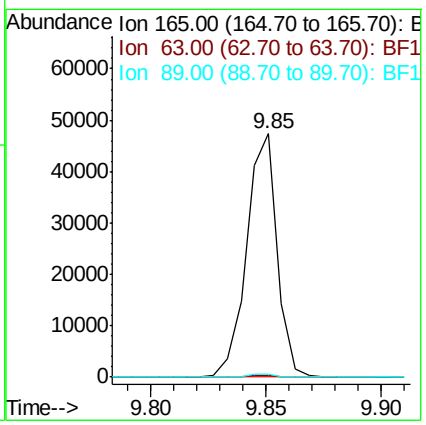


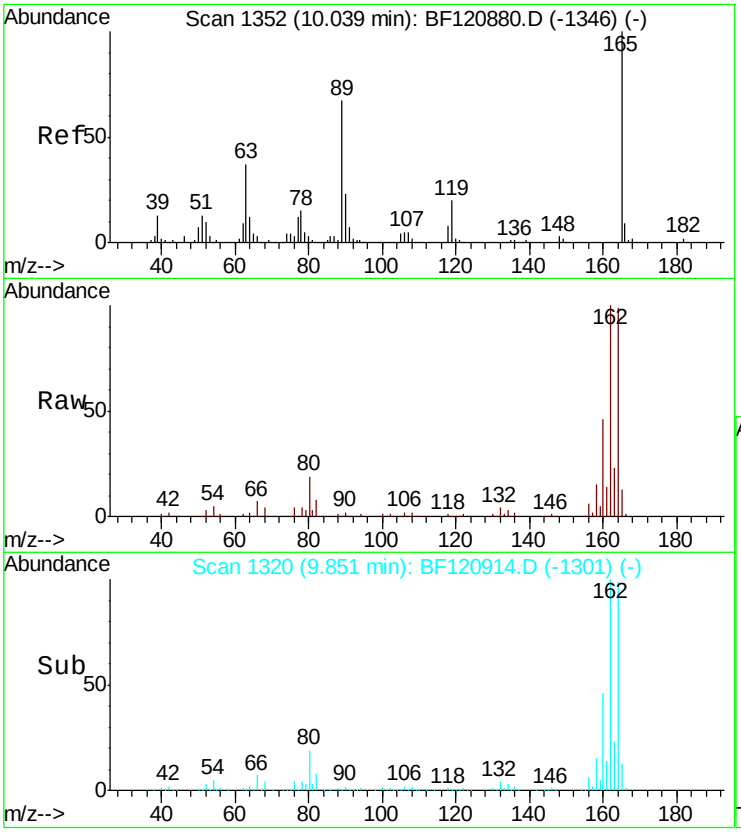


#51
2,6-Dinitrotoluene
Concen: 8.421 ng
RT: 9.85 min Scan# 1320
Delta R.T. 0.22 min
Lab File: BF120914.D
Acq: 17 Jul 2020 10:51

Tgt Ion:165 Resp: 43587

Ion	Ratio	Lower	Upper
165	100		
63	0.9	45.4	68.2#
89	1.0	47.0	70.4#



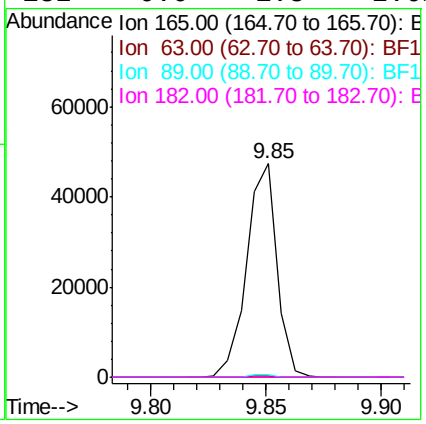


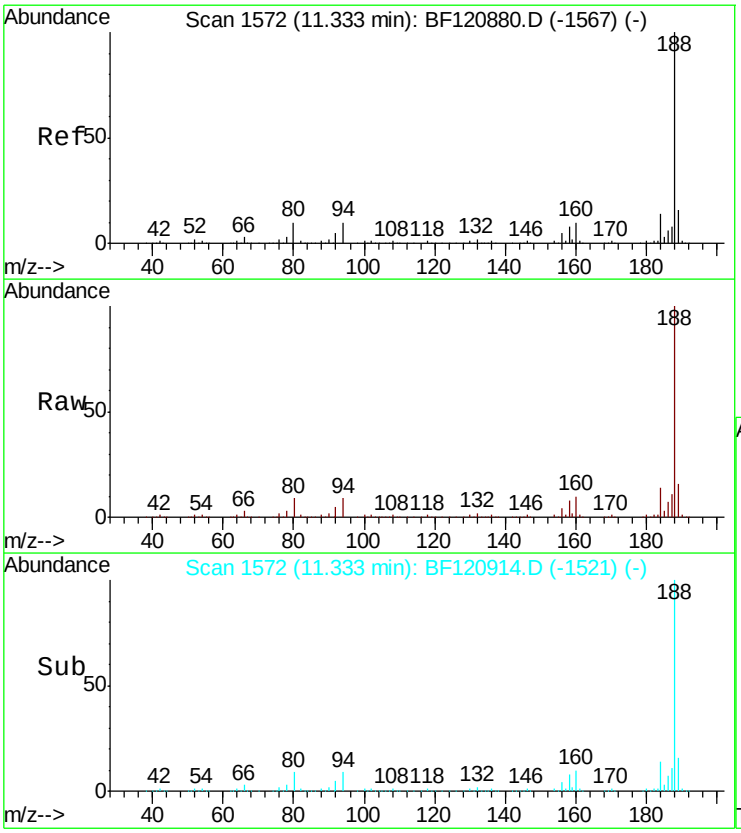
#57
2,4-Dinitrotoluene
Concen: 6.412 ng
RT: 9.85 min Scan# 1320
Delta R.T. -0.19 min
Lab File: BF120914.D
Acq: 17 Jul 2020 10:51

Instrument :
BNA_F
ClientSampleId :
PB130249TB

Tgt Ion:165 Resp: 43587

Ion	Ratio	Lower	Upper
165	100		
63	0.9	29.4	44.2#
89	1.0	53.4	80.0#
182	0.0	1.8	2.6#

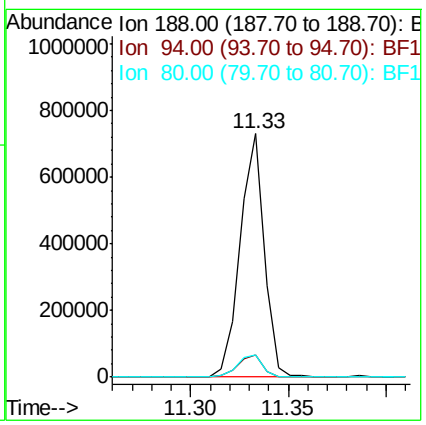


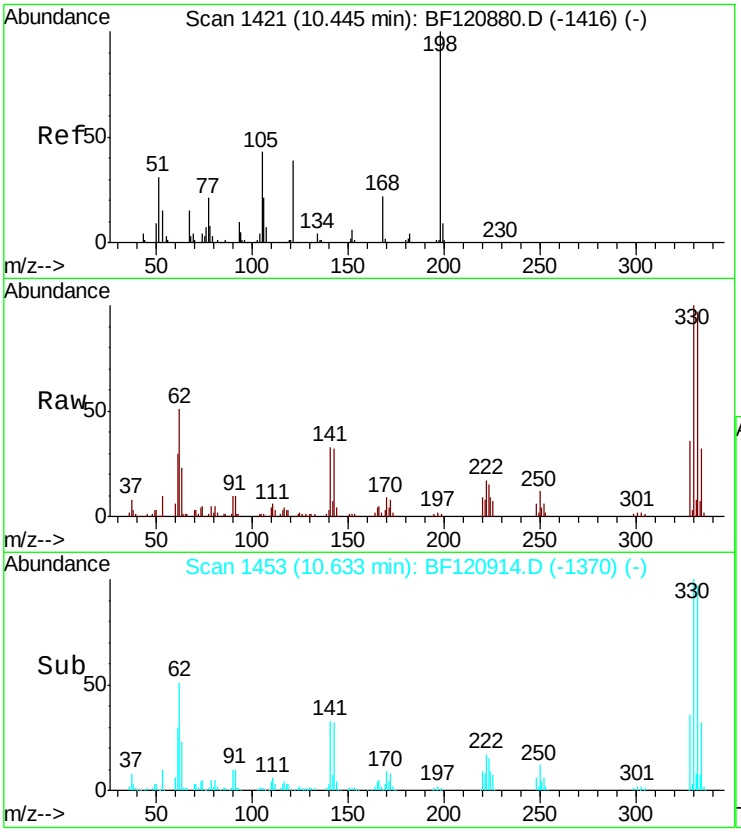


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1572
Delta R.T. 0.00 min
Lab File: BF120914.D
Acq: 17 Jul 2020 10:51

Tgt Ion:188 Resp: 627099

Ion	Ratio	Lower	Upper
188	100		
94	9.1	8.0	12.0
80	9.0	8.3	12.5



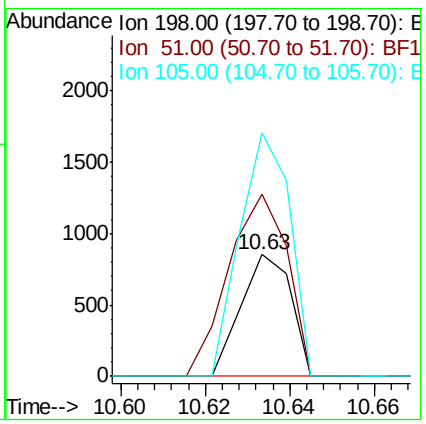


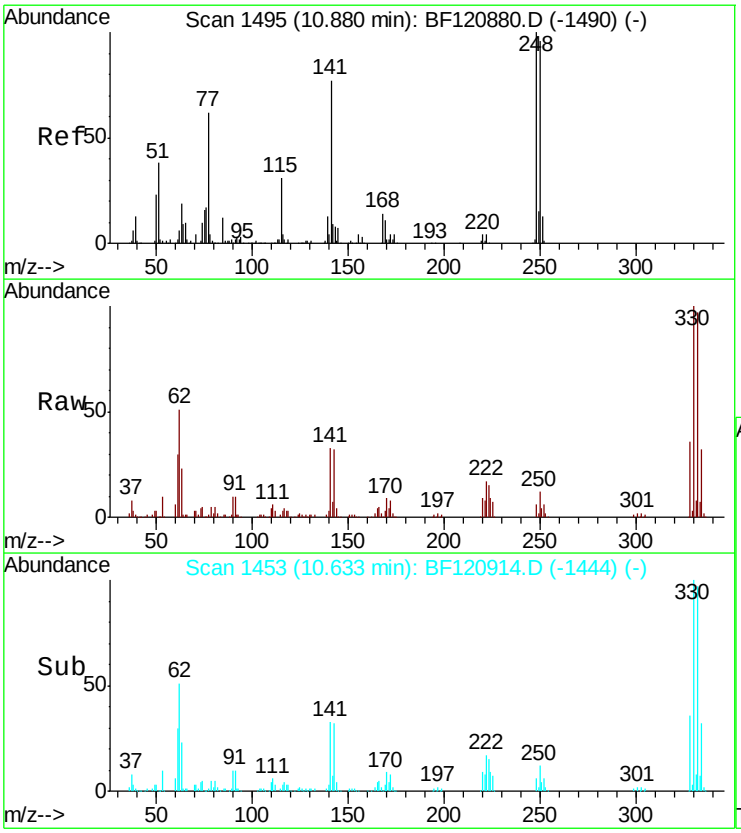
#65
4,6-Dinitro-2-methylphenol
Concen: 4.020 ng
RT: 10.63 min Scan# 1453
Delta R.T. 0.19 min
Lab File: BF120914.D
Acq: 17 Jul 2020 10:51

Instrument :
BNA_F
ClientSampleId :
PB130249TB

Tgt Ion:198 Resp: 701

Ion	Ratio	Lower	Upper
198	100		
51	149.3	19.5	59.5#
105	200.1	24.4	64.4#

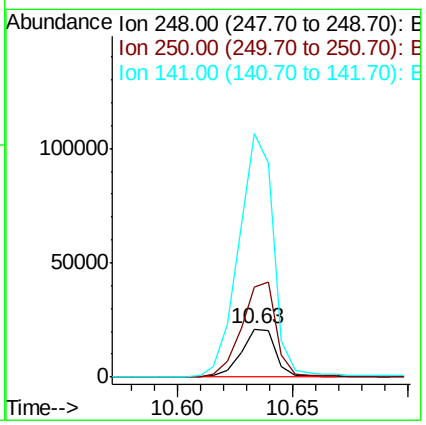


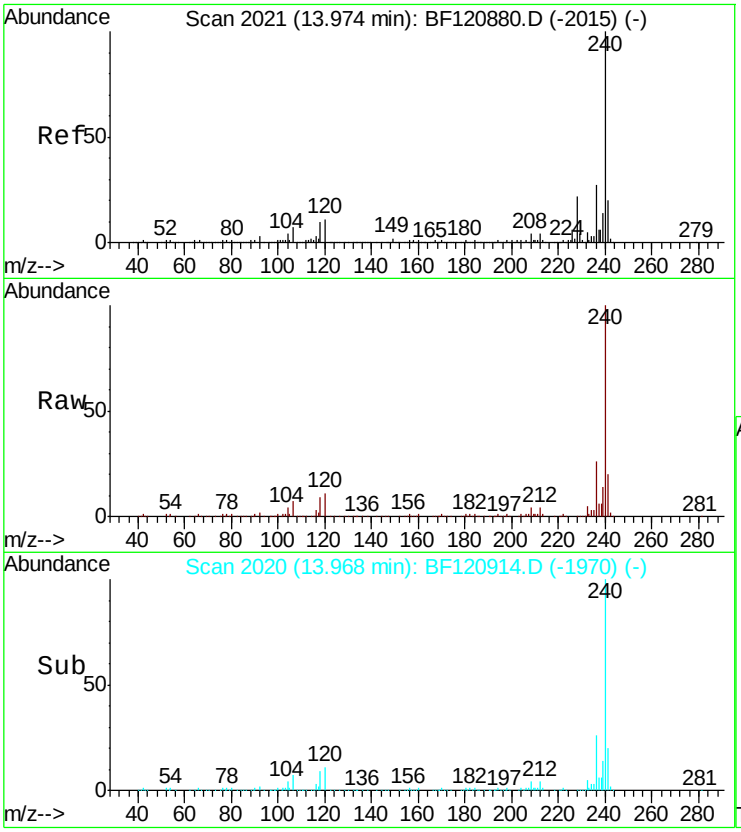


#67
4-Bromophenyl-phenylether
Concen: 3.125 ng
RT: 10.63 min Scan# 1453
Delta R.T. -0.25 min
Lab File: BF120914.D
Acq: 17 Jul 2020 10:51

Tgt Ion:248 Resp: 21848

Ion	Ratio	Lower	Upper
248	100		
250	188.9	77.1	115.7#
141	509.4	61.2	91.8#



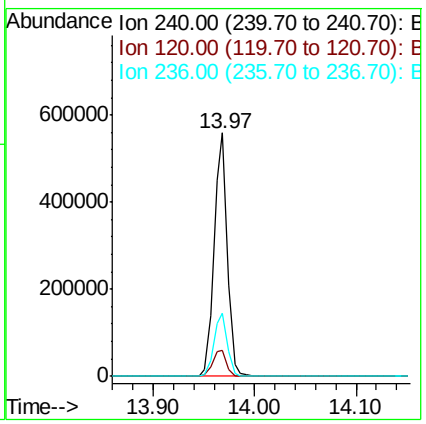


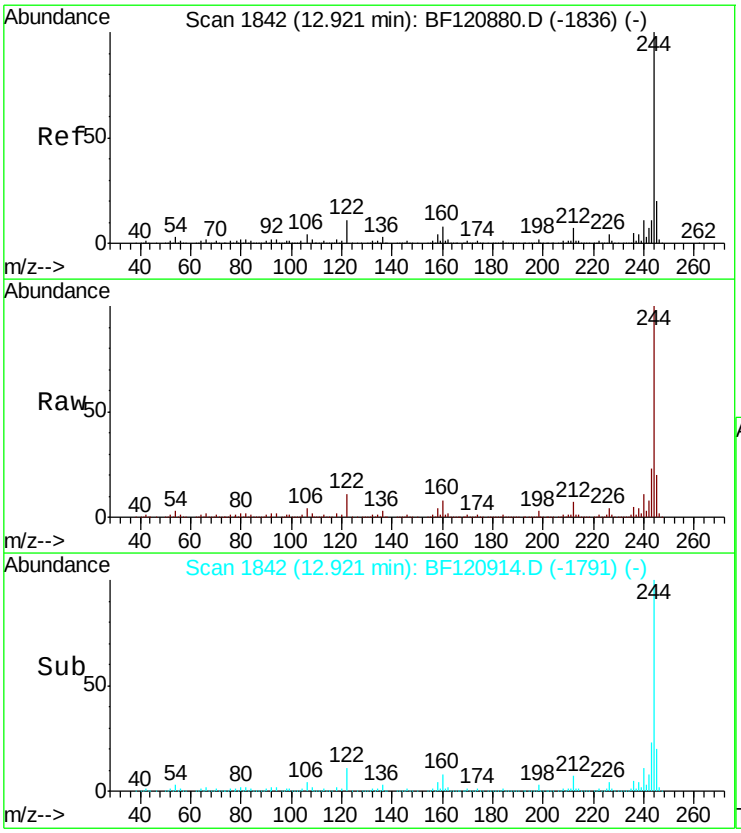
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.01 min
Lab File: BF120914.D
Acq: 17 Jul 2020 10:51

Instrument :
BNA_F
ClientSampleId :
PB130249TB

Tgt Ion:240 Resp: 503593

Ion	Ratio	Lower	Upper
240	100		
120	10.7	9.0	13.4
236	25.8	21.7	32.5

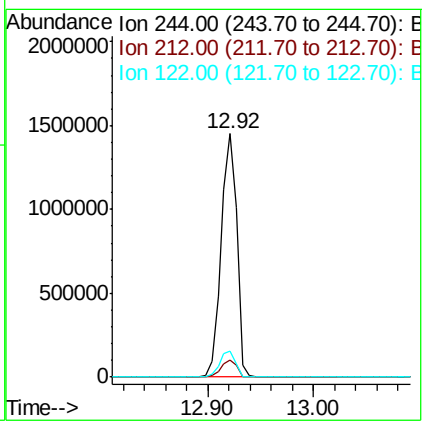


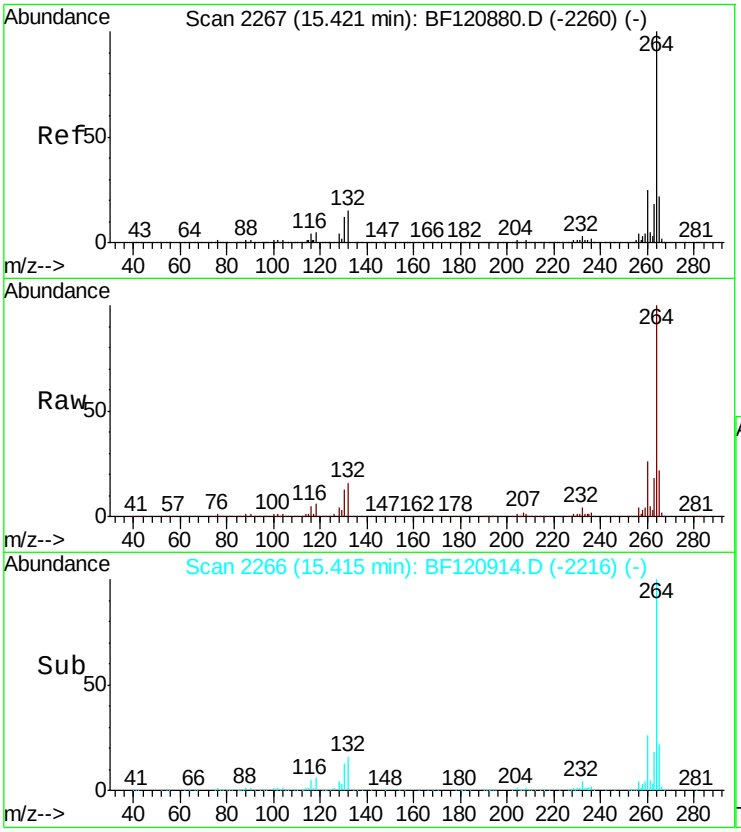


#79
Terphenyl-d14
Concen: 65.080 ng
RT: 12.92 min Scan# 1842
Delta R.T. 0.00 min
Lab File: BF120914.D
Acq: 17 Jul 2020 10:51

Tgt Ion:244 Resp: 1507695

Ion	Ratio	Lower	Upper
244	100		
212	7.1	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: BF120914.D
Acq: 17 Jul 2020 10:51

Instrument :
BNA_F
ClientSampleId :
PB130249TB

Tgt Ion:264 Resp: 463318

Ion	Ratio	Lower	Upper
264	100		
260	25.7	20.0	30.0
265	21.8	17.4	26.2