Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072320\
Data File : BF120981.D
Acq On : 23 Jul 2020 14:38
Operator : JU/CG
Sample : PB130408BL
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Jul 23 16:25:17 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	6.81	152	192366	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	764058	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	411156	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	803564	20.00	ng	0.00
76) Chrysene-d12	13.97	240	684195	20.00	ng	0.00
86) Perylene-d12	15.42	264	623026	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	1876758	159.94	ng	0.02
7) Phenol-d6	6.45	99	2438150	160.85	ng	0.00
23) Nitrobenzene-d5	7.38	82	1575229	119.29	ng	0.00
42) 2,4,6-Tribromophenol	10.65	330	832569	184.99	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	2760642	100.25	ng	0.00
79) Terphenyl-d14	12.93	244	2798821	88.92	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.45	77	3494	Below Cal	#	1
19) n-Nitroso-di-n-propylamine	7.38	70	207872	24.117	ng	# 77
25) Isophorone	7.38	82	1558523	59.139	ng	# 63
50) Dimethylphthalate	9.85	163	80950	2.729	ng	# 1
51) 2,6-Dinitrotoluene	9.85	165	52597	8.254	ng	# 23
57) 2,4-Dinitrotoluene	9.85	165	52598	6.285	ng	# 27
65) 4,6-Dinitro-2-methylphenol	10.65	198	1517	4.143	ng	# 1
67) 4-Bromophenyl-phenylether	10.65	248	47796	5.335	ng	# 1

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072320\
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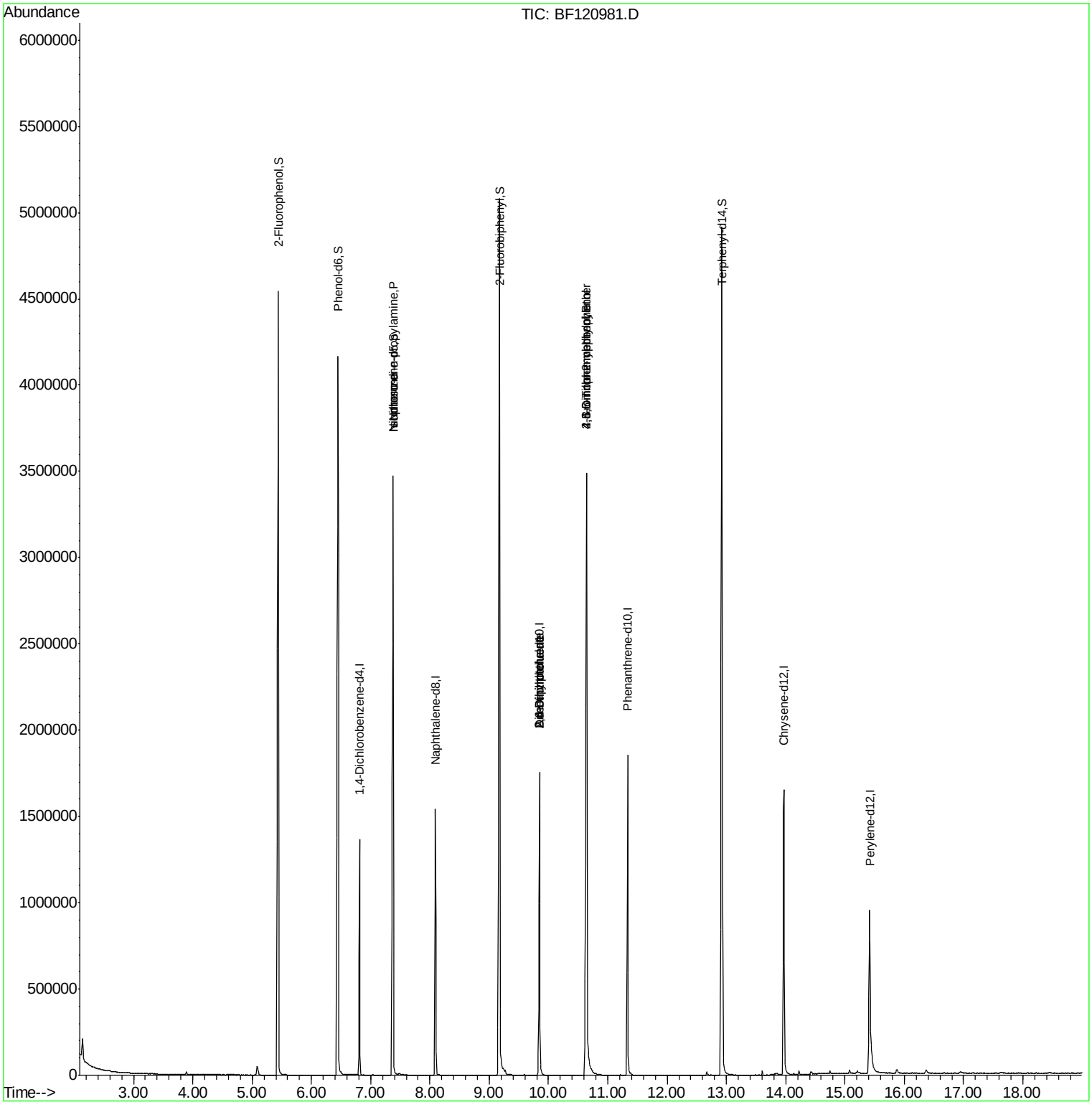
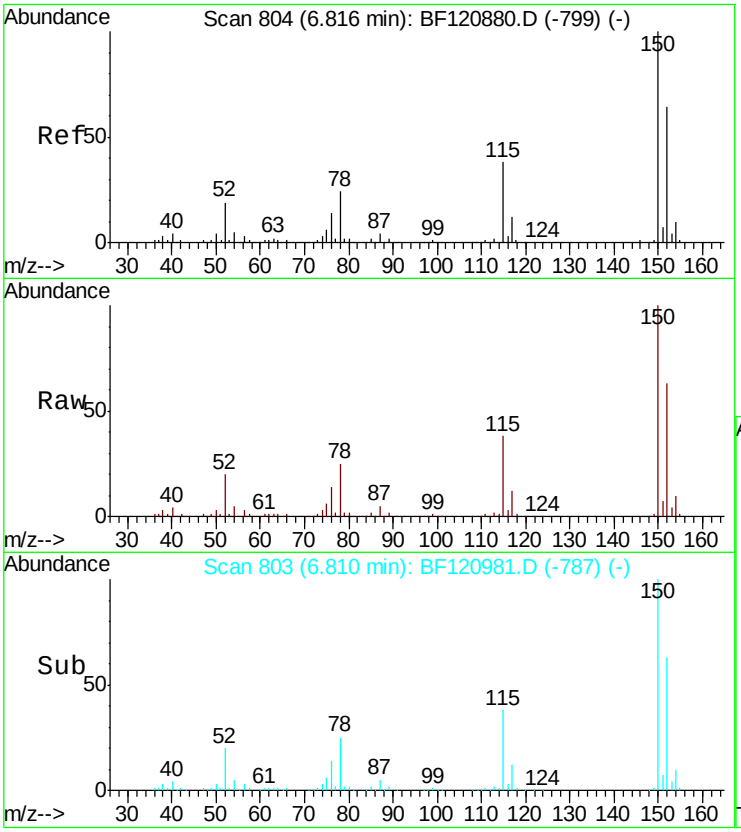


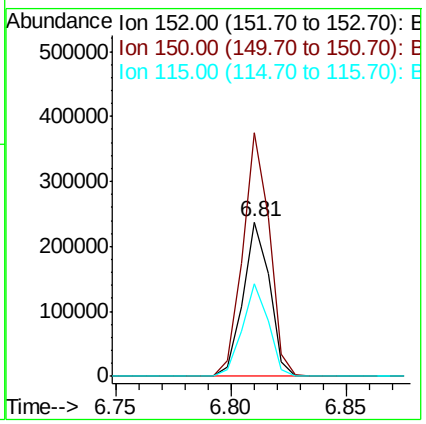


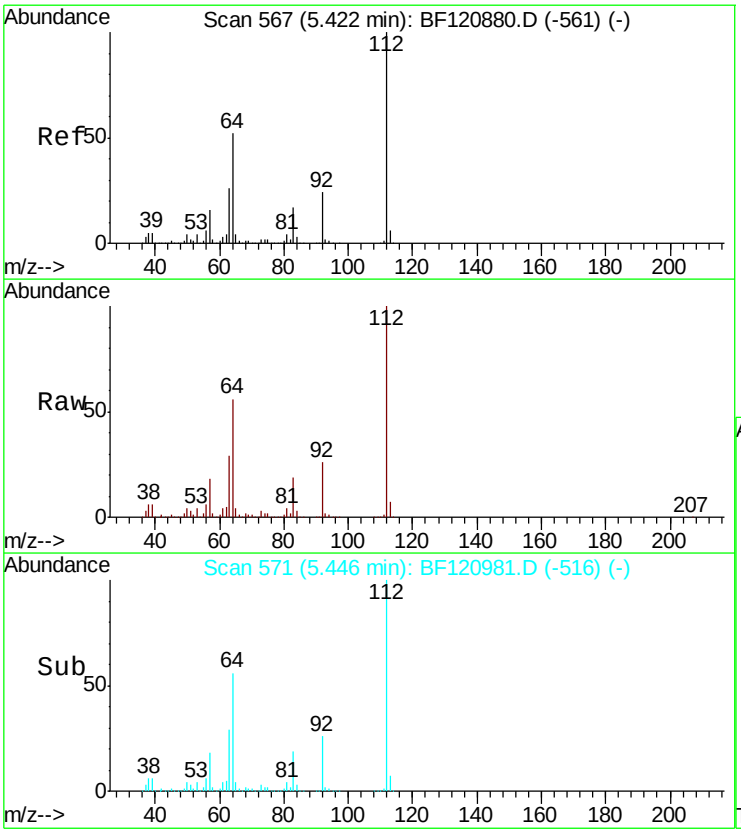
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. -0.01 min
Lab File: BF120981.D
Acq: 23 Jul 2020 14:38

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 192366

Ion	Ratio	Lower	Upper
152	100		
150	157.8	125.0	187.6
115	60.3	47.0	70.4

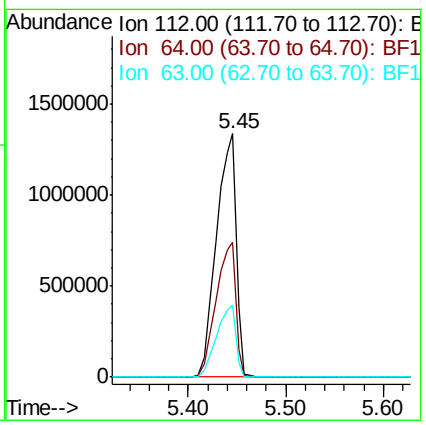


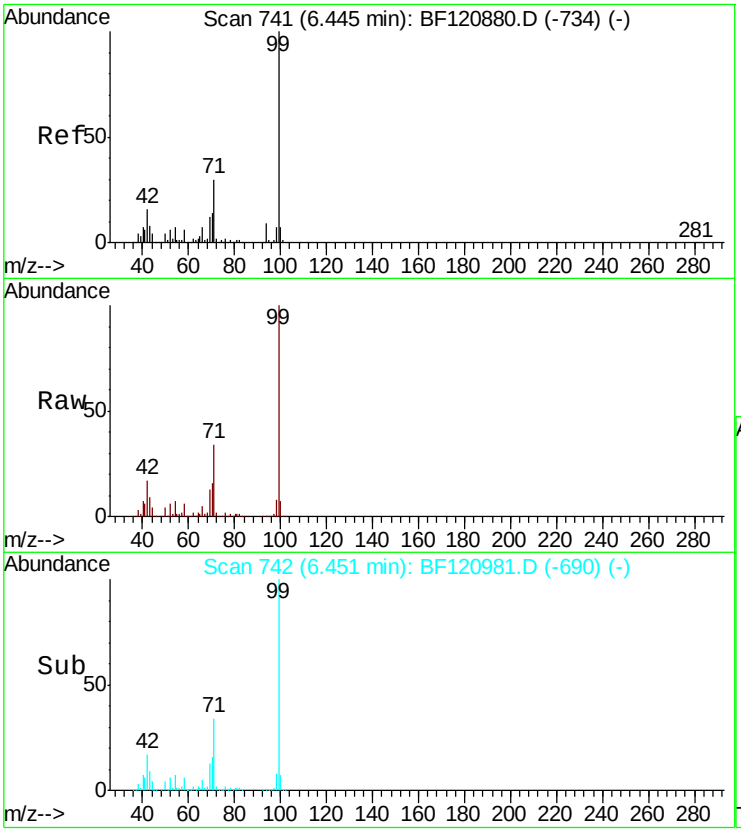


#5
2-Fluorophenol
Concen: 159.939 ng
RT: 5.45 min Scan# 571
Delta R.T. 0.02 min
Lab File: BF120981.D
Acq: 23 Jul 2020 14:38

Tgt Ion:112 Resp: 1876758

Ion	Ratio	Lower	Upper
112	100		
64	55.6	41.3	61.9
63	29.4	21.1	31.7



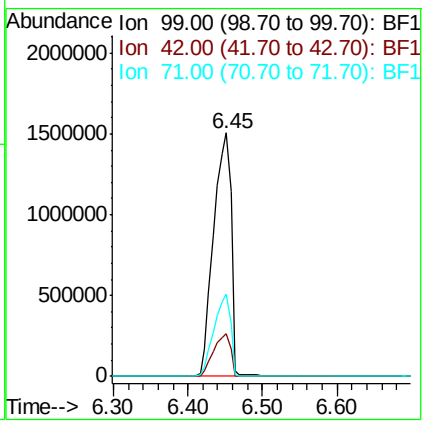


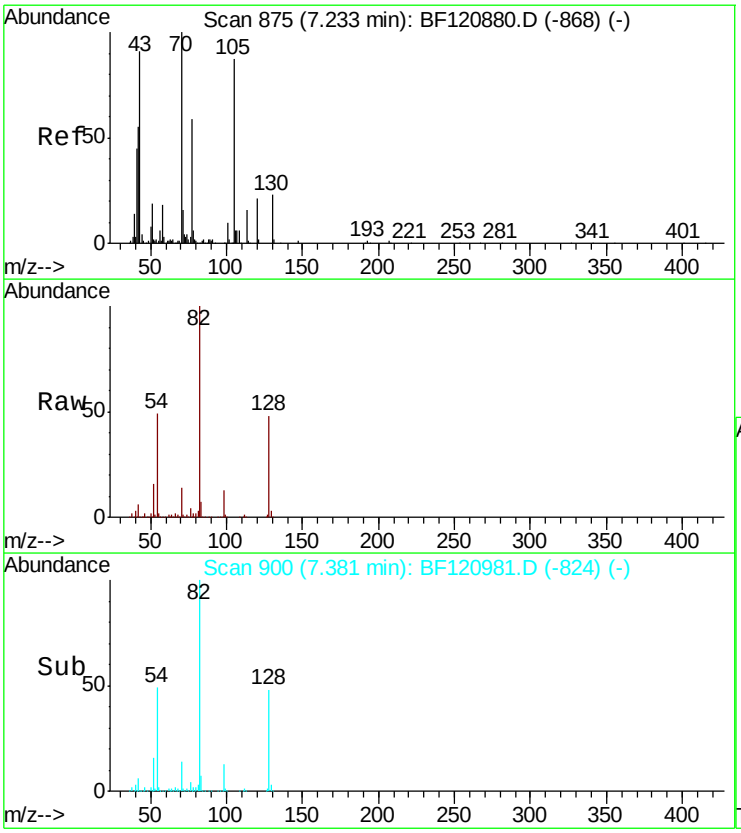
#7
Phenol-d6
Concen: 160.853 ng
RT: 6.45 min Scan# 742
Delta R.T. 0.01 min
Lab File: BF120981.D
Acq: 23 Jul 2020 14:38

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 2438150

Ion	Ratio	Lower	Upper
99	100		
42	17.5	13.1	19.7
71	33.9	24.2	36.4

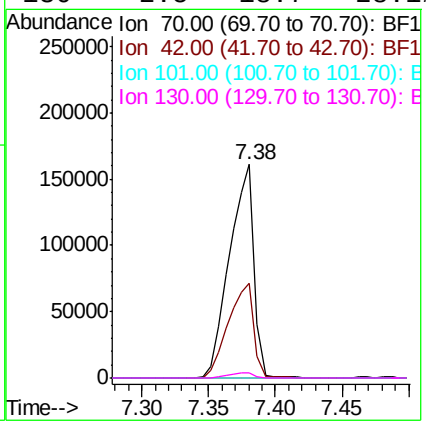


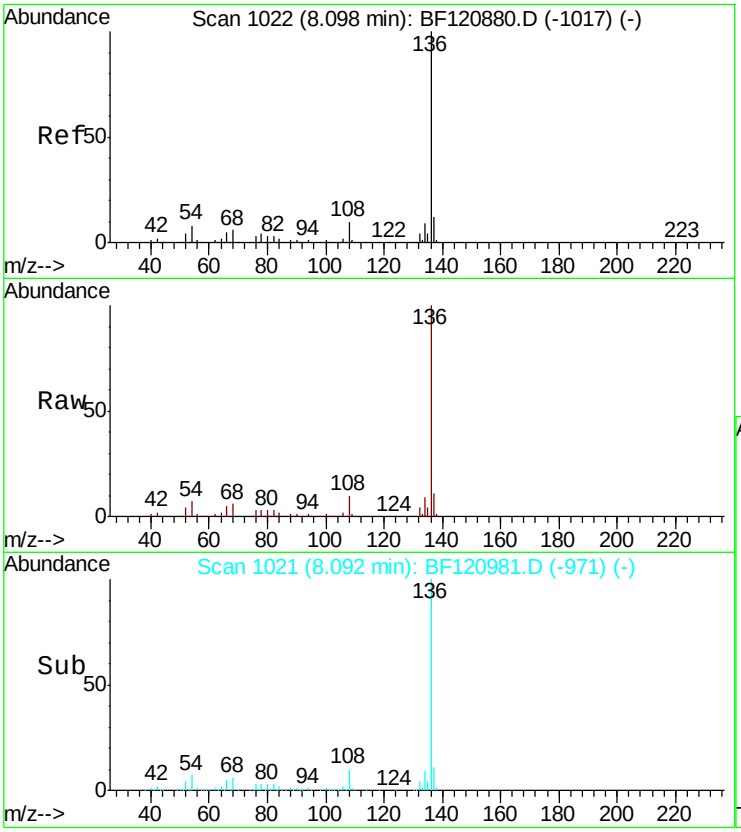


#19
n-Nitroso-di-n-propylamine
Concen: 24.117 ng
RT: 7.38 min Scan# 900
Delta R.T. 0.15 min
Lab File: BF120981.D
Acq: 23 Jul 2020 14:38

Tgt Ion: 70 Resp: 207872

Ion	Ratio	Lower	Upper
70	100		
42	44.4	44.0	66.0
101	0.0	7.8	11.6#
130	2.5	18.7	28.1#



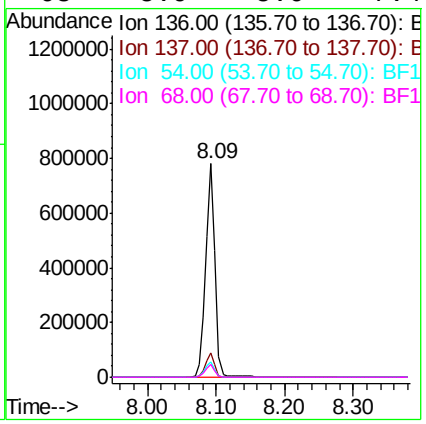


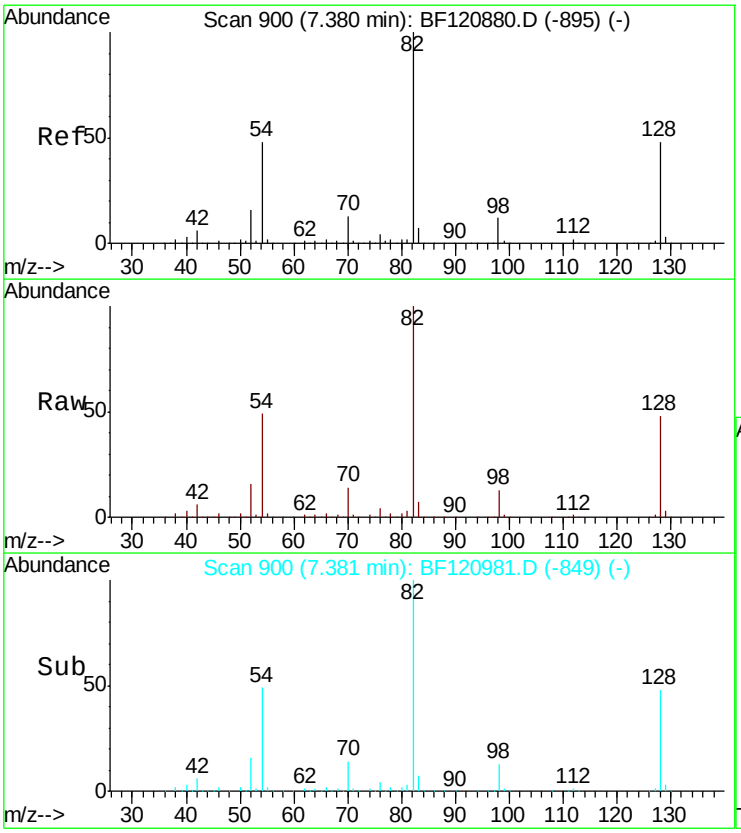
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BF120981.D
Acq: 23 Jul 2020 14:38

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 764058

Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.3	13.9
54	7.4	6.3	9.5
68	5.9	5.0	7.4

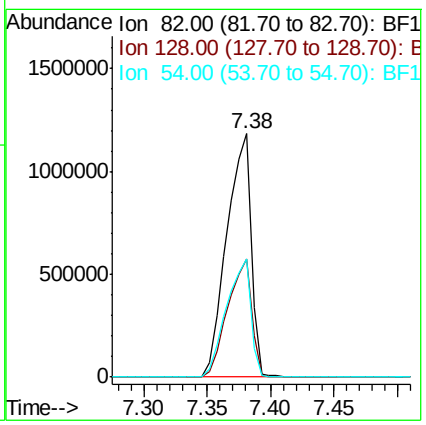


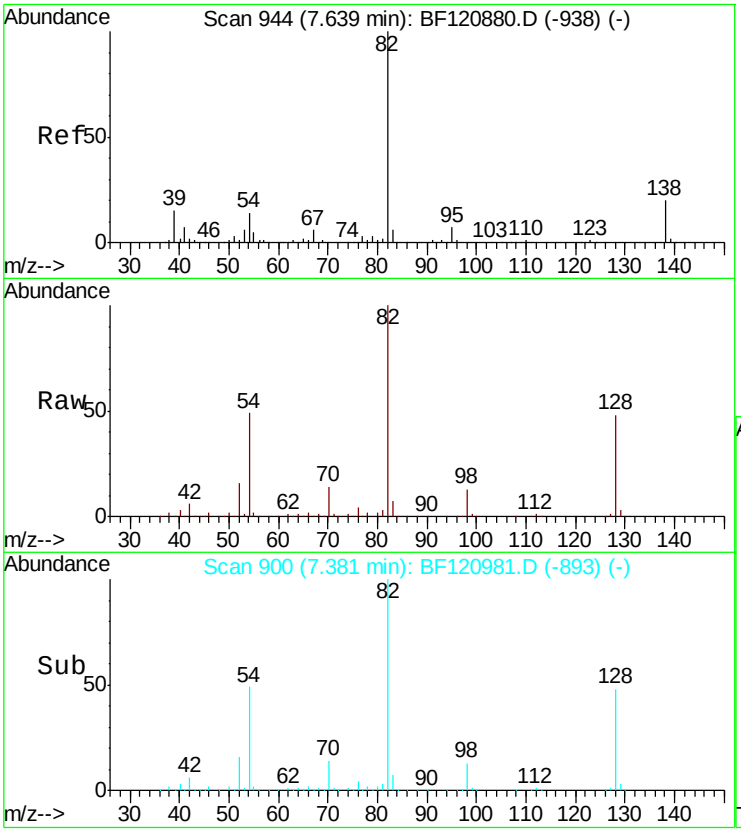


#23
Nitrobenzene-d5
Concen: 119.294 ng
RT: 7.38 min Scan# 900
Delta R.T. 0.00 min
Lab File: BF120981.D
Acq: 23 Jul 2020 14:38

Tgt Ion: 82 Resp: 1575229

Ion	Ratio	Lower	Upper
82	100		
128	48.3	38.2	57.4
54	48.5	38.7	58.1



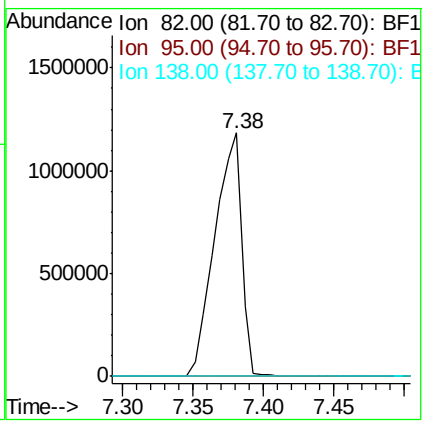


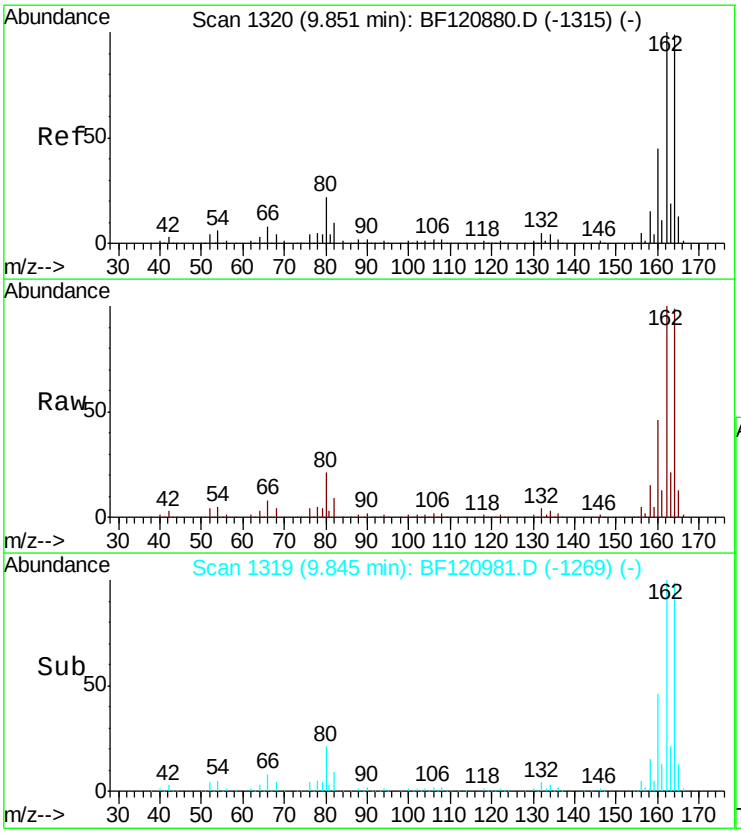
#25
Isophorone
Concen: 59.139 ng
RT: 7.38 min Scan# 900
Delta R.T. -0.26 min
Lab File: BF120981.D
Acq: 23 Jul 2020 14:38

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 1558523

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

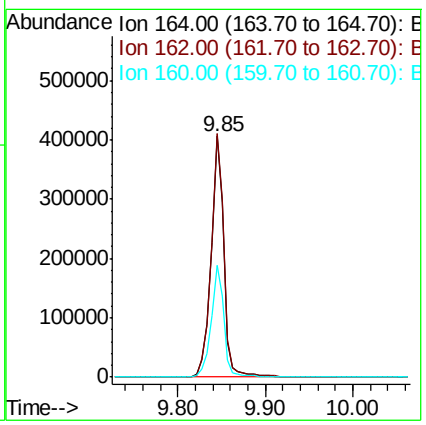


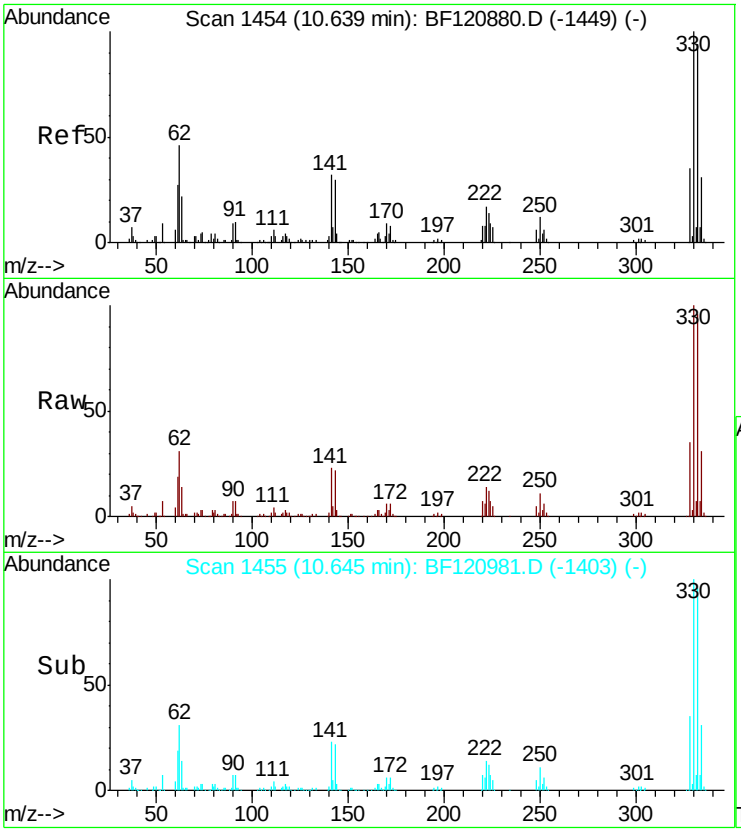


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1319
Delta R.T. -0.01 min
Lab File: BF120981.D
Acq: 23 Jul 2020 14:38

Tgt Ion:164 Resp: 411156

Ion	Ratio	Lower	Upper
164	100		
162	101.1	81.2	121.8
160	46.7	36.9	55.3



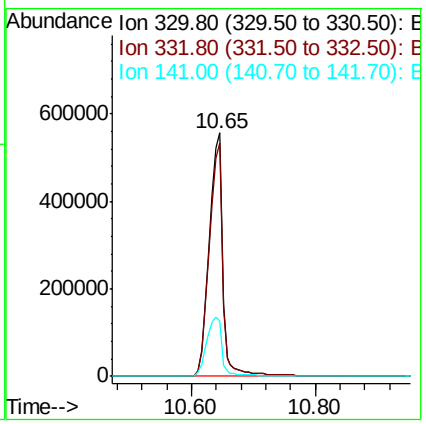


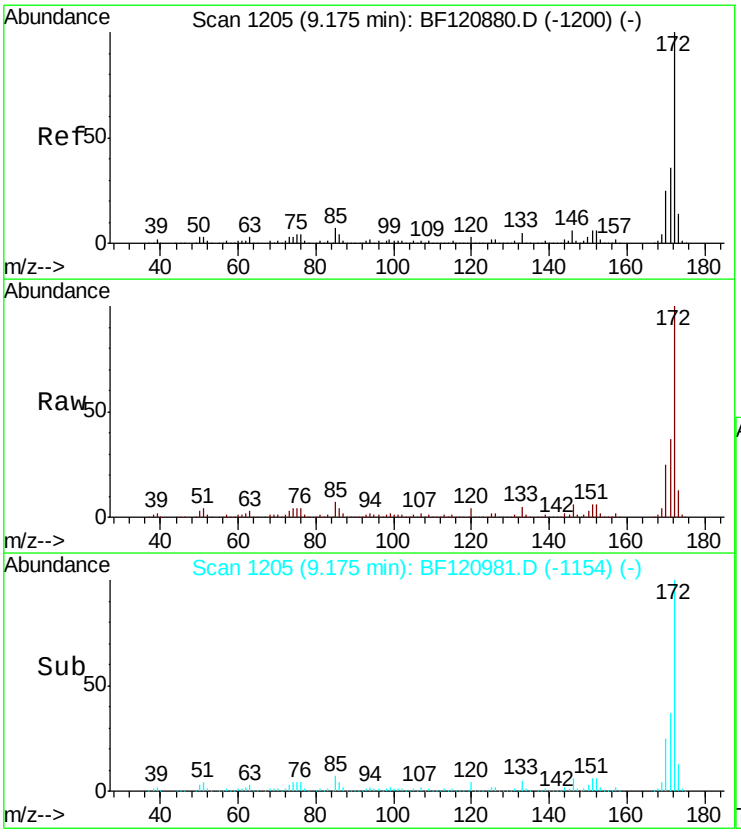
#42
2,4,6-Tribromophenol
Concen: 184.994 ng
RT: 10.65 min Scan# 1455
Delta R.T. 0.01 min
Lab File: BF120981.D
Acq: 23 Jul 2020 14:38

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 832569

Ion	Ratio	Lower	Upper
330	100		
332	96.2	75.5	113.3
141	27.9	25.7	38.5

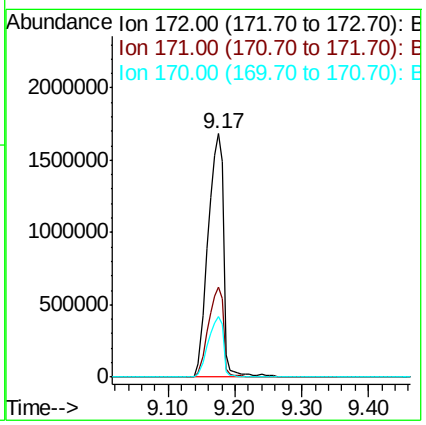


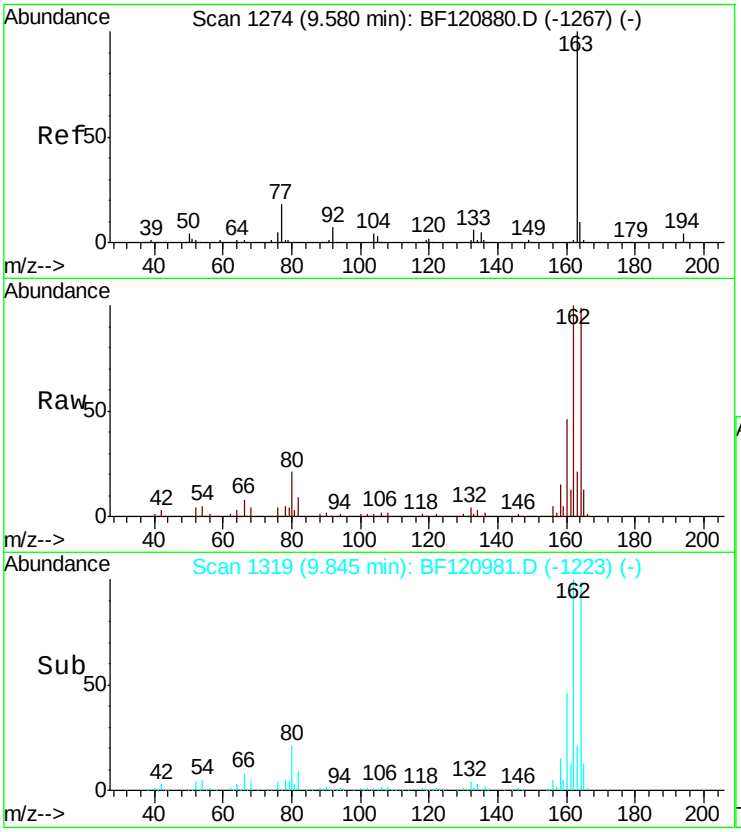


#45
2-Fluorobiphenyl
Concen: 100.248 ng
RT: 9.17 min Scan# 1205
Delta R.T. 0.00 min
Lab File: BF120981.D
Acq: 23 Jul 2020 14:38

Tgt Ion:172 Resp: 2760642

Ion	Ratio	Lower	Upper
172	100		
171	36.8	29.0	43.4
170	24.8	19.6	29.4



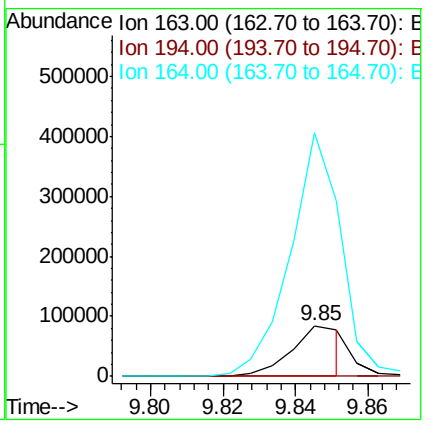


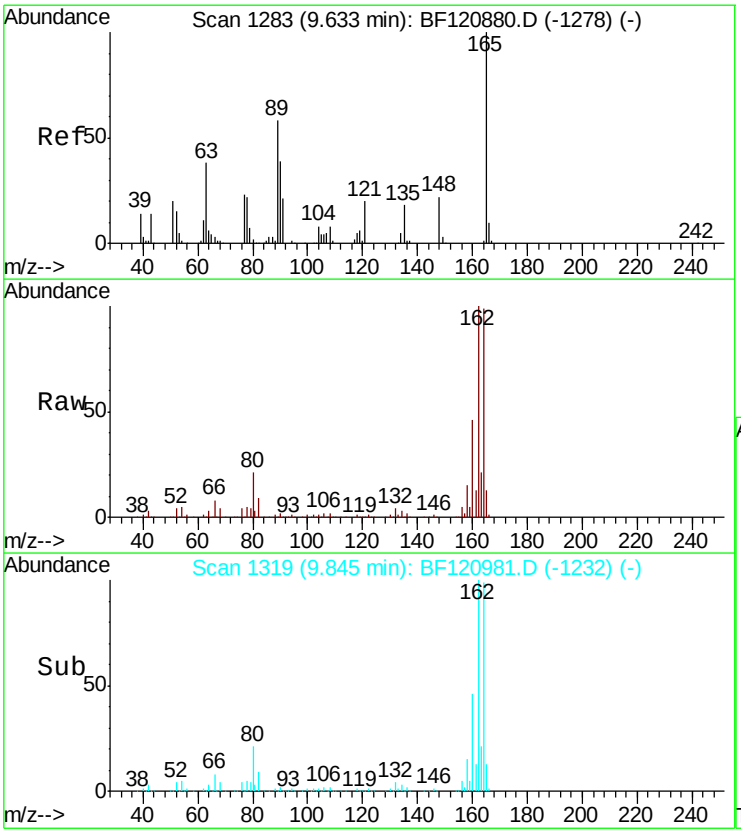
#50
Dimethylphthalate
Concen: 2.729 ng
RT: 9.85 min Scan# 1319
Delta R.T. 0.26 min
Lab File: BF120981.D
Acq: 23 Jul 2020 14:38

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:163 Resp: 80950

Ion	Ratio	Lower	Upper
163	100		
194	0.0	3.2	4.8#
164	480.3	7.9	11.9#

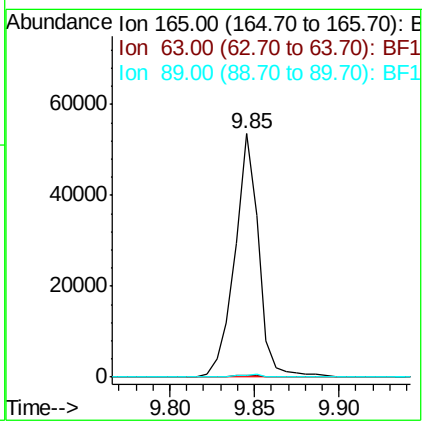


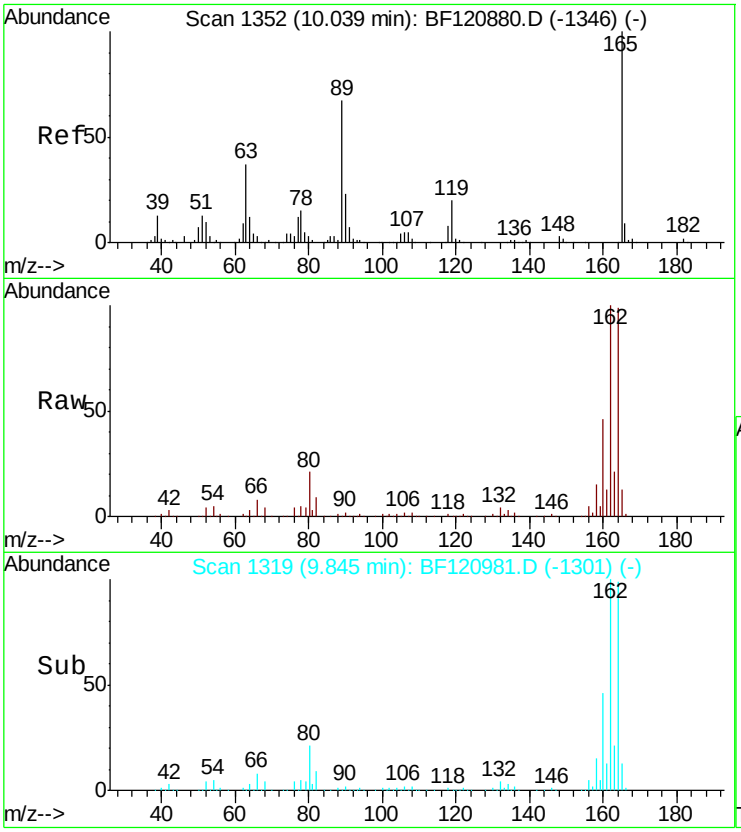


#51
2,6-Dinitrotoluene
Concen: 8.254 ng
RT: 9.85 min Scan# 1319
Delta R.T. 0.21 min
Lab File: BF120981.D
Acq: 23 Jul 2020 14:38

Tgt Ion:165 Resp: 52597

Ion	Ratio	Lower	Upper
165	100		
63	0.8	45.4	68.2#
89	1.0	47.0	70.4#



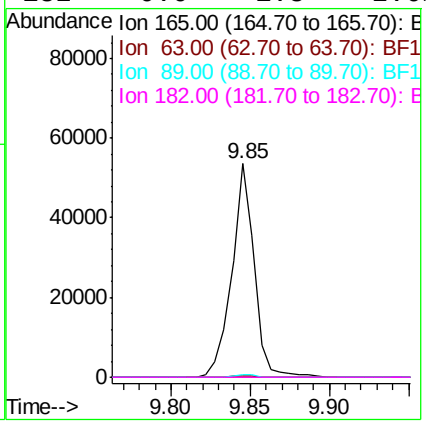


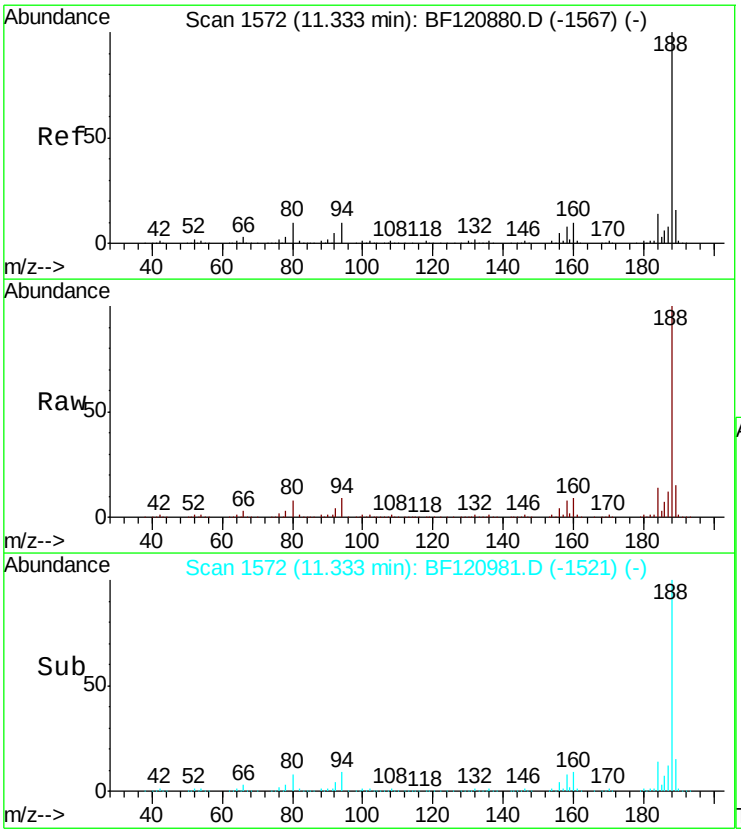
#57
2,4-Dinitrotoluene
Concen: 6.285 ng
RT: 9.85 min Scan# 1319
Delta R.T. -0.19 min
Lab File: BF120981.D
Acq: 23 Jul 2020 14:38

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 52598

Ion	Ratio	Lower	Upper
165	100		
63	0.8	29.4	44.2#
89	1.0	53.4	80.0#
182	0.0	1.8	2.6#

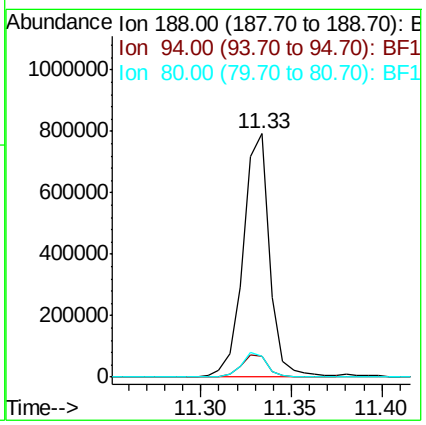


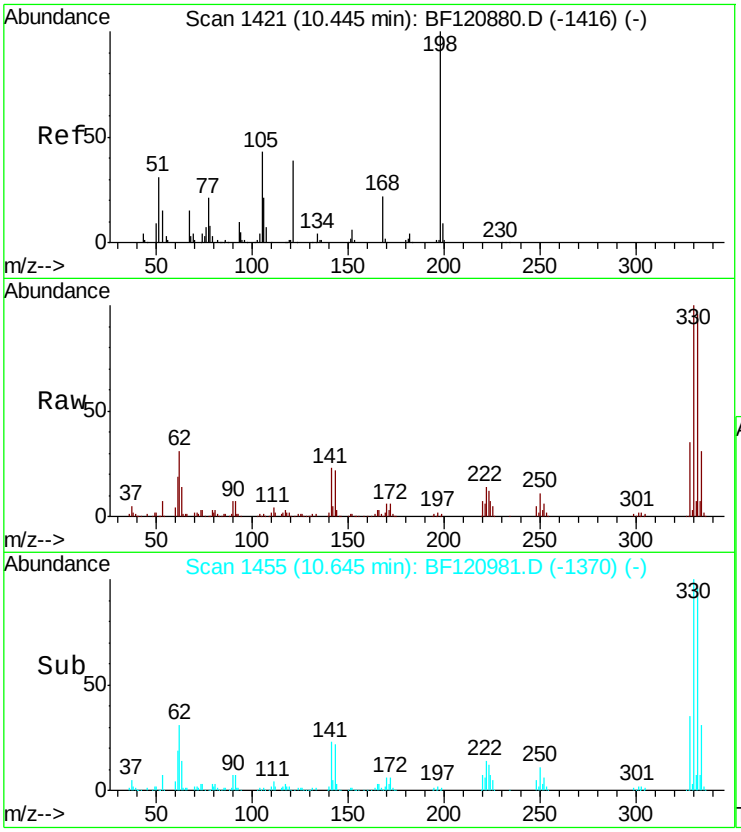


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1572
Delta R.T. 0.00 min
Lab File: BF120981.D
Acq: 23 Jul 2020 14:38

Tgt Ion:188 Resp: 803564

Ion	Ratio	Lower	Upper
188	100		
94	8.5	8.0	12.0
80	8.4	8.3	12.5



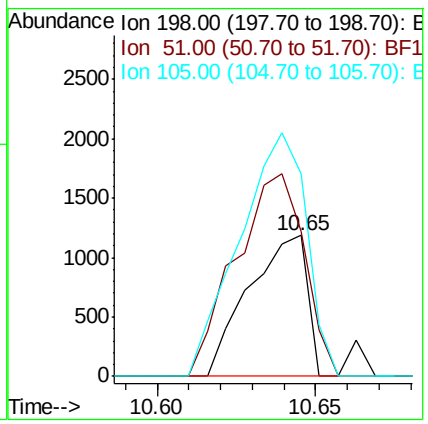


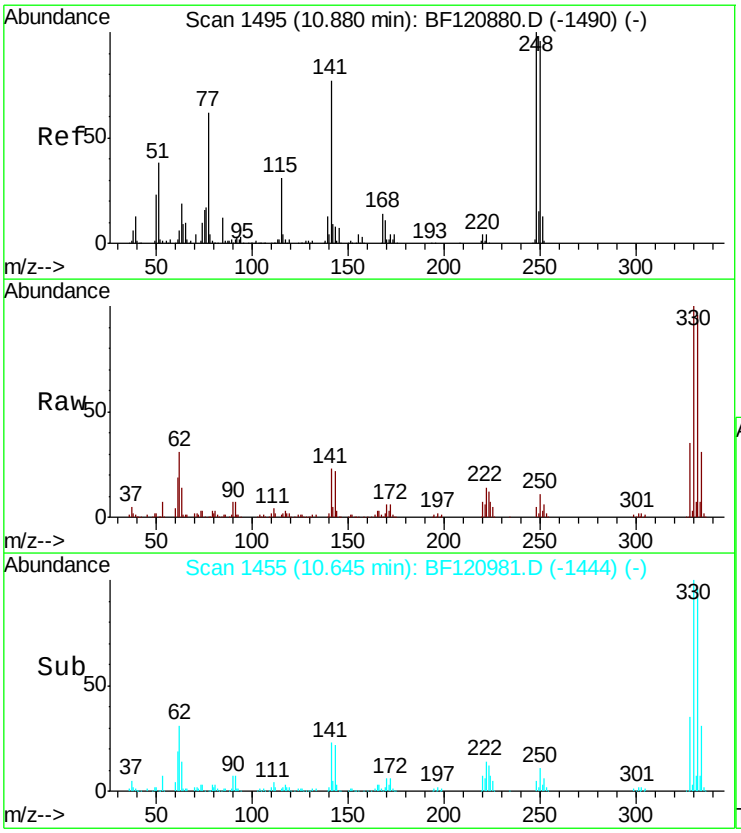
#65
4,6-Dinitro-2-methylphenol
Concen: 4.143 ng
RT: 10.65 min Scan# 1455
Delta R.T. 0.20 min
Lab File: BF120981.D
Acq: 23 Jul 2020 14:38

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:198 Resp: 1517

Ion	Ratio	Lower	Upper
198	100		
51	102.8	19.5	59.5#
105	144.3	24.4	64.4#

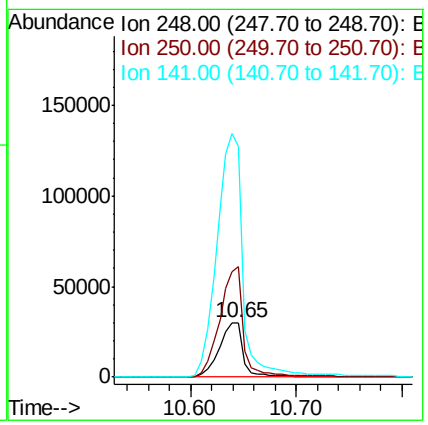


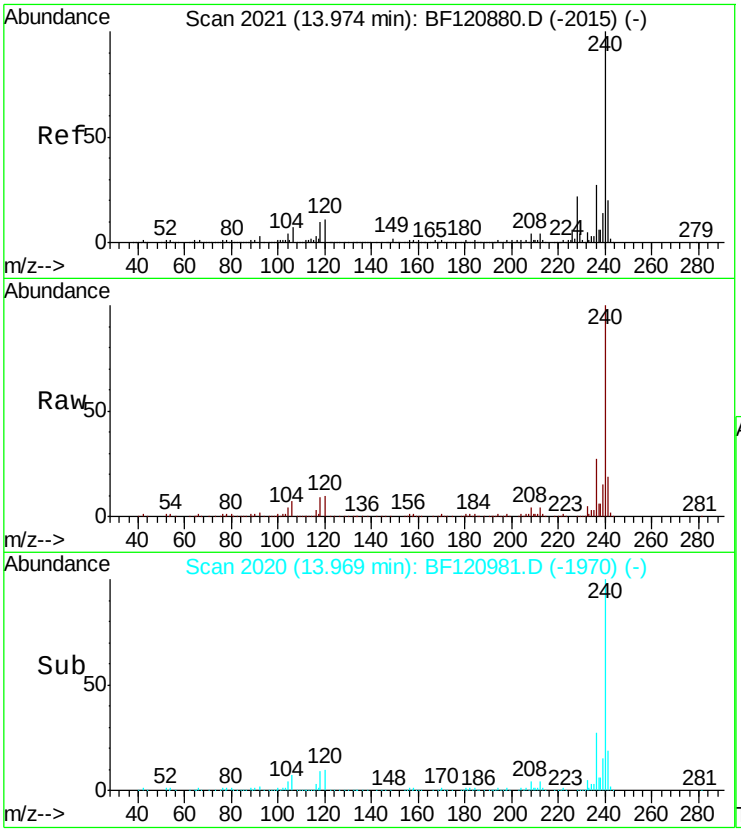


#67
4-Bromophenyl-phenylether
Concen: 5.335 ng
RT: 10.65 min Scan# 1455
Delta R.T. -0.24 min
Lab File: BF120981.D
Acq: 23 Jul 2020 14:38

Tgt Ion:248 Resp: 47796

Ion	Ratio	Lower	Upper
248	100		
250	201.2	77.1	115.7#
141	420.1	61.2	91.8#



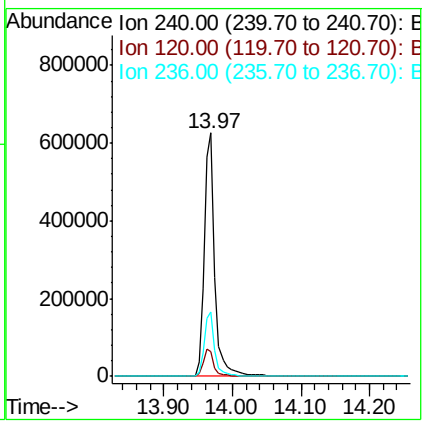


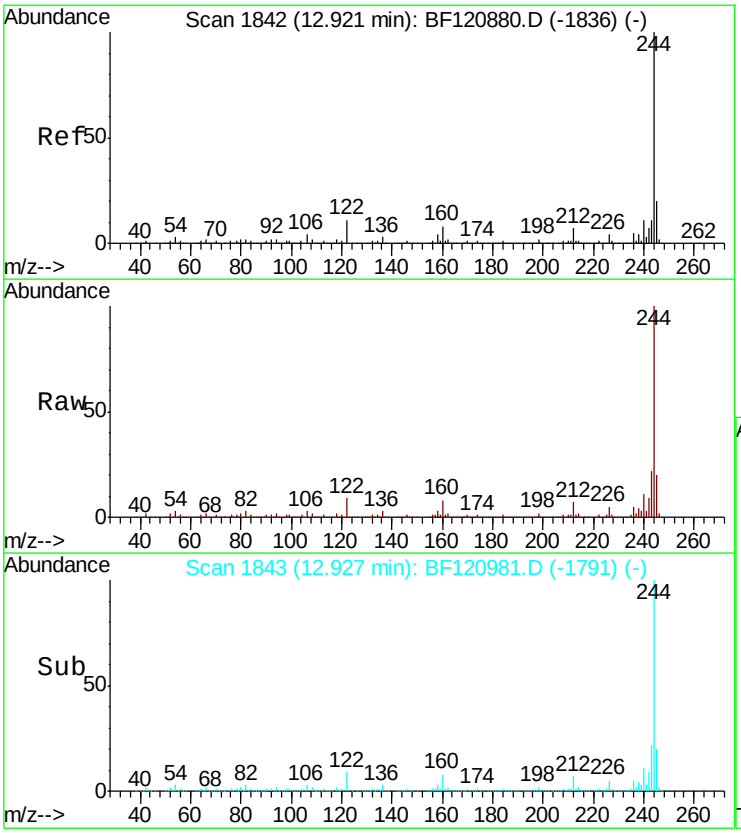
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.01 min
Lab File: BF120981.D
Acq: 23 Jul 2020 14:38

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 684195

Ion	Ratio	Lower	Upper
240	100		
120	10.1	9.0	13.4
236	26.7	21.7	32.5

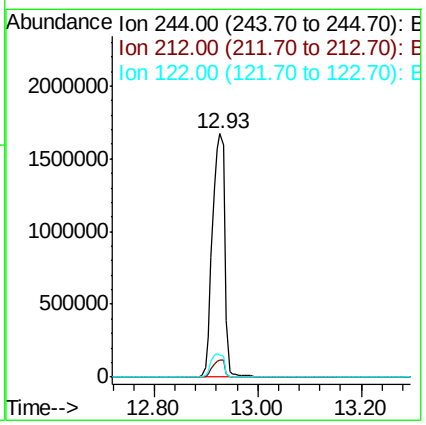


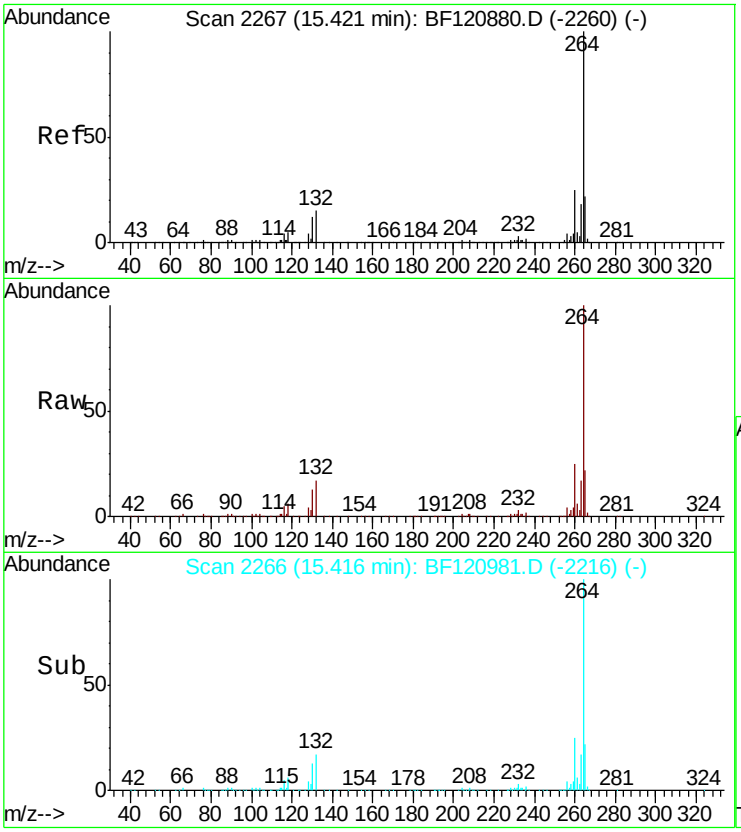


#79
Terphenyl-d14
Concen: 88.922 ng
RT: 12.93 min Scan# 1843
Delta R.T. 0.01 min
Lab File: BF120981.D
Acq: 23 Jul 2020 14:38

Tgt Ion:244 Resp: 2798821

Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.6	8.4
122	9.1	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: BF120981.D
Acq: 23 Jul 2020 14:38

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 623026

Ion	Ratio	Lower	Upper
264	100		
260	25.0	20.0	30.0
265	22.0	17.4	26.2