Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072220\
Data File : BF120969.D
Acq On : 22 Jul 2020 17:35
Operator : JU/CG
Sample : L3370-09
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Jul 22 18:15:03 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	167721	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	635741	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	345051	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	667772	20.00	ng	0.00
76) Chrysene-d12	13.97	240	564428	20.00	ng	0.00
86) Perylene-d12	15.41	264	501387	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	659153	64.43	ng	0.00
7) Phenol-d6	6.43	99	506430	38.32	ng	-0.01
23) Nitrobenzene-d5	7.37	82	943178	85.84	ng	0.00
42) 2,4,6-Tribromophenol	10.64	330	442010	117.03	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	1611059	69.71	ng	0.00
79) Terphenyl-d14	12.92	244	1812847	69.82	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.36	77	374	Below Cal	#	72
19) n-Nitroso-di-n-propylamine	7.37	70	123591	16.446	ng	# 77
25) Isophorone	7.37	82	940380	42.886	ng	# 63
50) Dimethylphthalate	9.56	163	117962	4.739	ng	99
51) 2,6-Dinitrotoluene	9.85	165	44522	8.325	ng	# 24
57) 2,4-Dinitrotoluene	9.85	165	44664	6.360	ng	# 27
65) 4,6-Dinitro-2-methylphenol	10.63	198	919	4.061	ng	# 1
67) 4-Bromophenyl-phenylether	10.64	248	24725	3.321	ng	# 1

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

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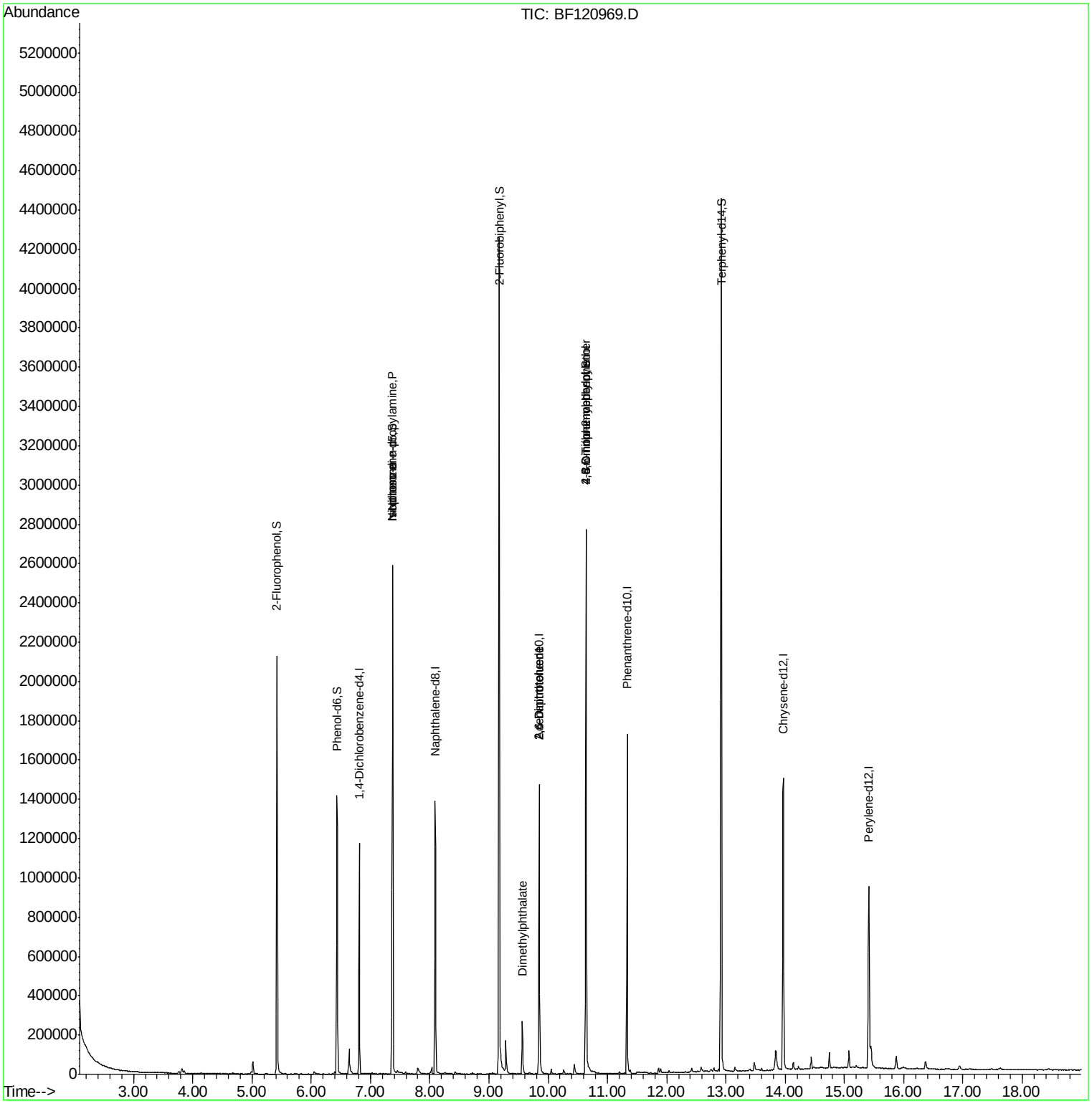
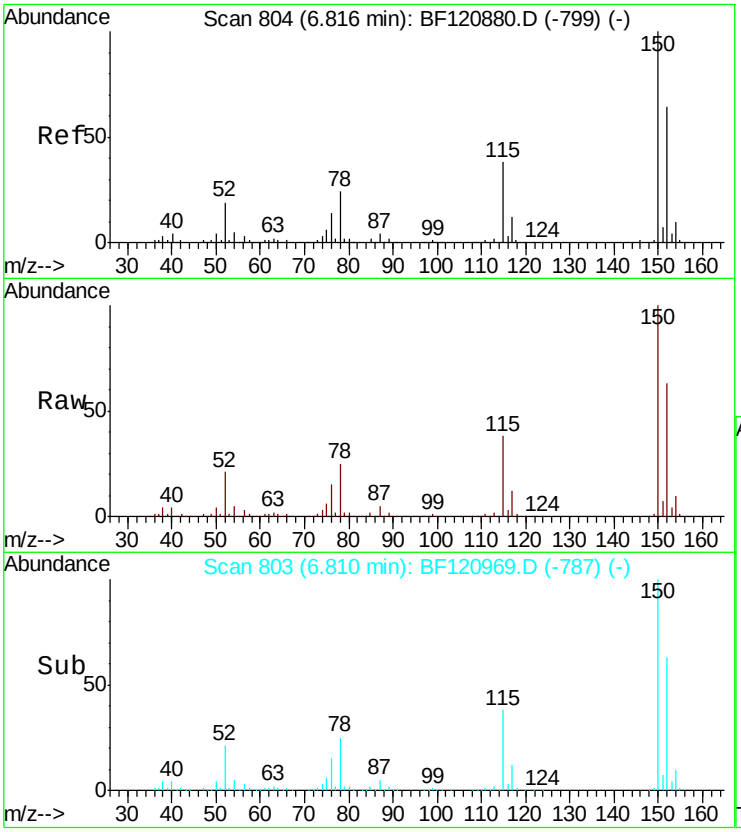
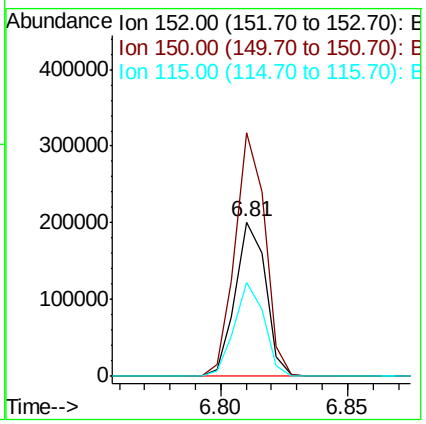




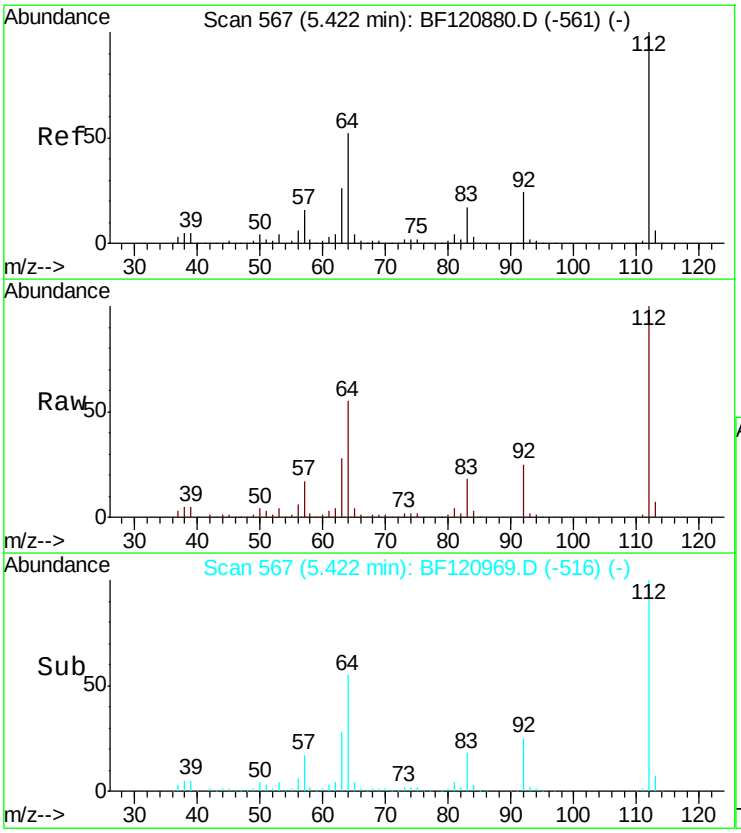
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. -0.01 min
Lab File: BF120969.D
Acq: 22 Jul 2020 17:35

Tgt Ion:152 Resp: 167721

Ion	Ratio	Lower	Upper
152	100		
150	157.6	125.0	187.6
115	60.6	47.0	70.4



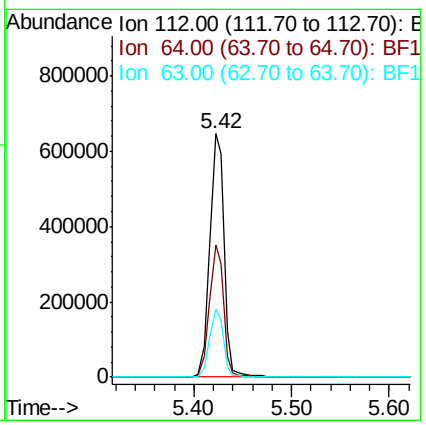
Instrument :
BNA_F
ClientSampleId :

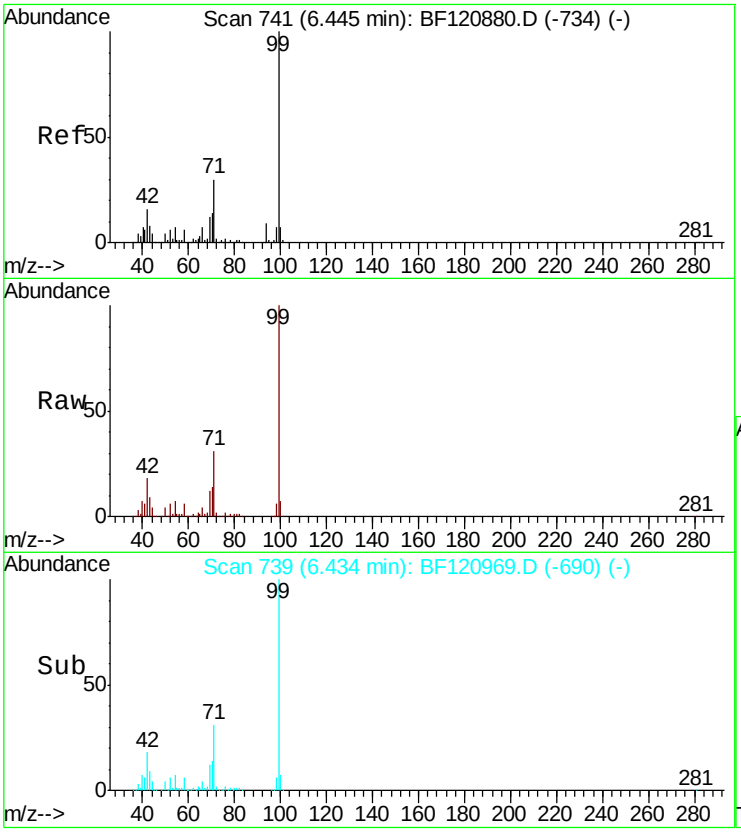


#5
2-Fluorophenol
Concen: 64.428 ng
RT: 5.42 min Scan# 567
Delta R.T. 0.00 min
Lab File: BF120969.D
Acq: 22 Jul 2020 17:35

Tgt Ion:112 Resp: 659153

Ion	Ratio	Lower	Upper
112	100		
64	54.5	41.3	61.9
63	27.9	21.1	31.7



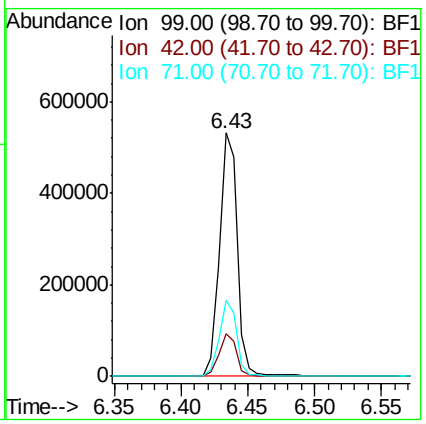


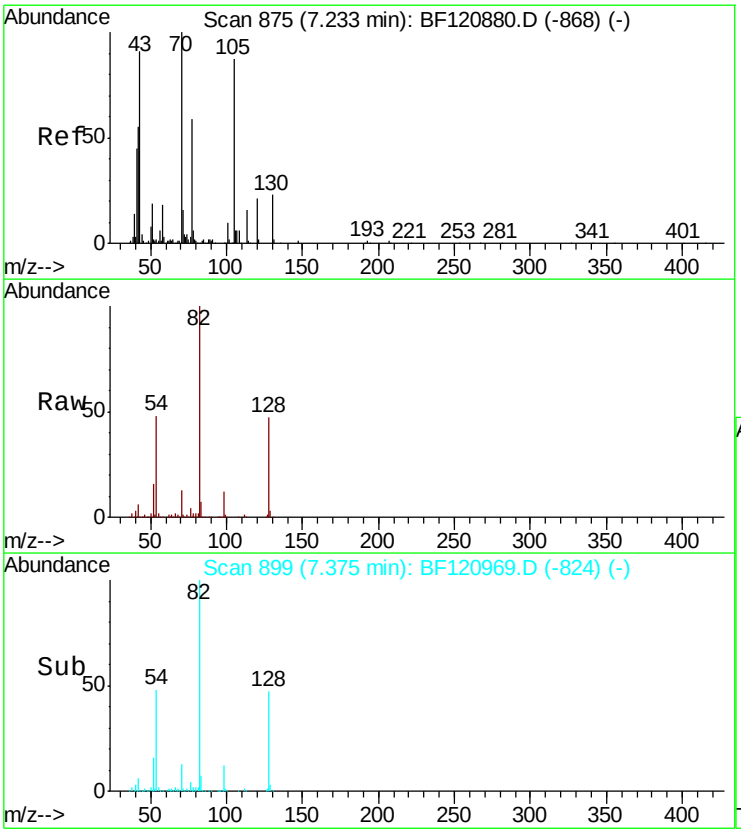
#7
Phenol-d6
Concen: 38.320 ng
RT: 6.43 min Scan# 739
Delta R.T. -0.01 min
Lab File: BF120969.D
Acq: 22 Jul 2020 17:35

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 506430

Ion	Ratio	Lower	Upper
99	100		
42	17.6	13.1	19.7
71	31.1	24.2	36.4

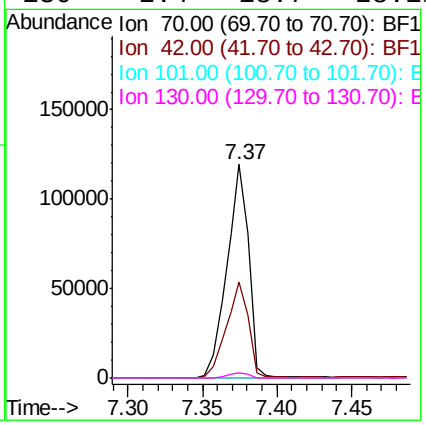


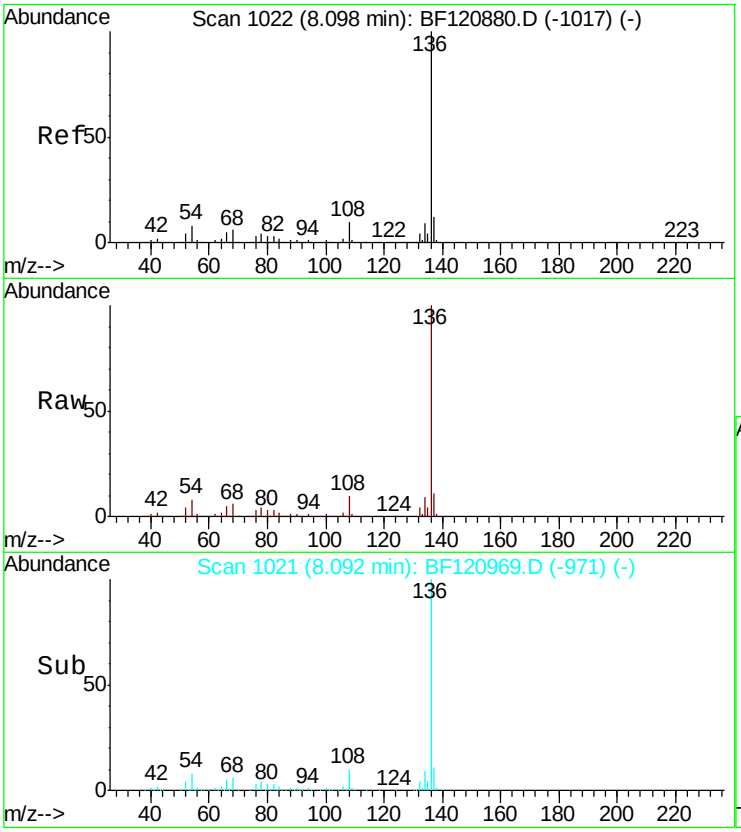


#19
n-Nitroso-di-n-propylamine
Concen: 16.446 ng
RT: 7.37 min Scan# 899
Delta R.T. 0.14 min
Lab File: BF120969.D
Acq: 22 Jul 2020 17:35

Tgt Ion: 70 Resp: 123591

Ion	Ratio	Lower	Upper
70	100		
42	44.9	44.0	66.0
101	0.0	7.8	11.6#
130	2.4	18.7	28.1#



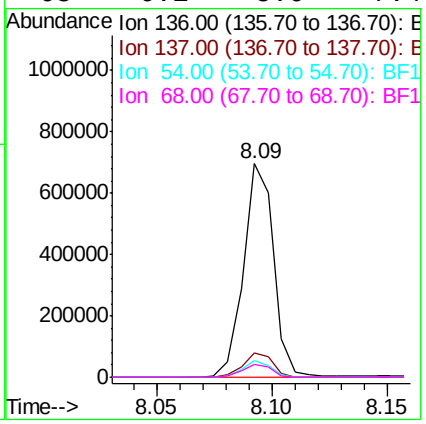


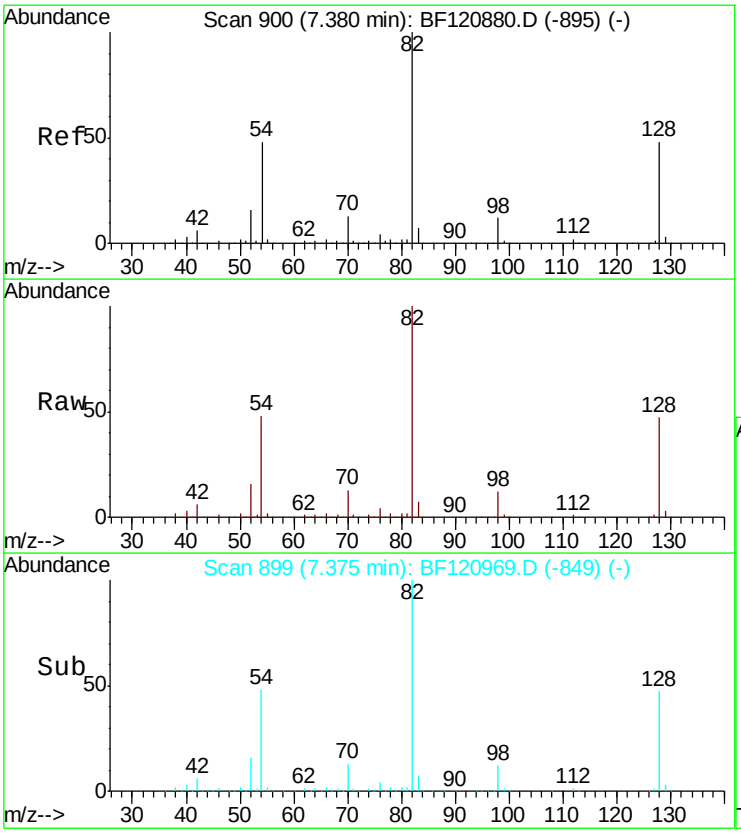
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BF120969.D
Acq: 22 Jul 2020 17:35

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 635741

Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.3	13.9
54	8.0	6.3	9.5
68	6.1	5.0	7.4

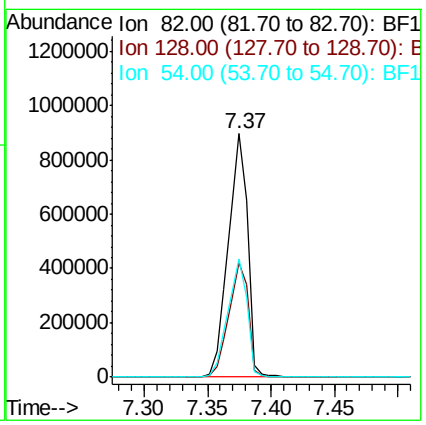


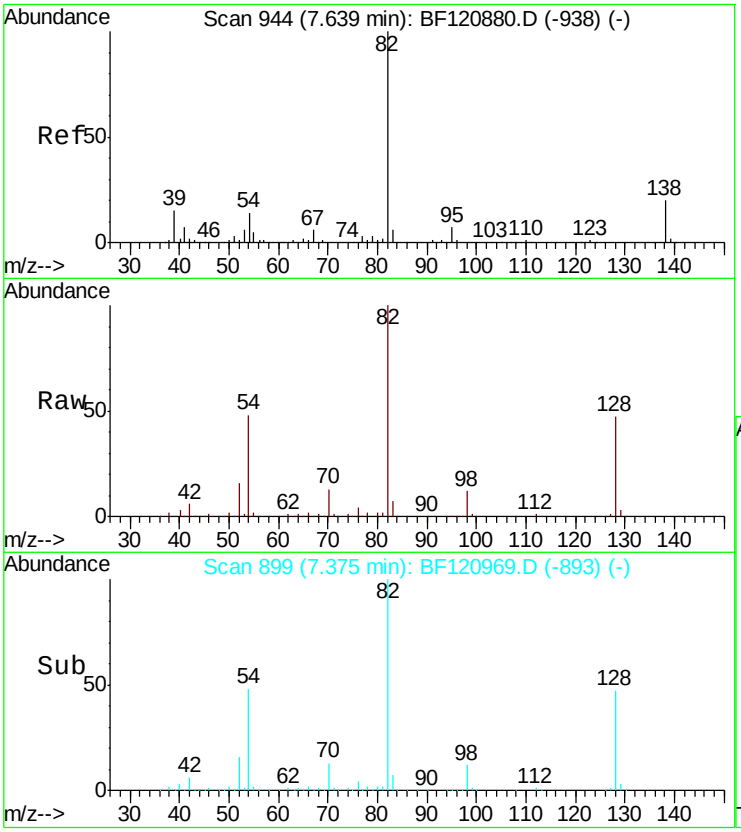


#23
Nitrobenzene-d5
Concen: 85.845 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.01 min
Lab File: BF120969.D
Acq: 22 Jul 2020 17:35

Tgt Ion: 82 Resp: 943178

Ion	Ratio	Lower	Upper
82	100		
128	46.8	38.2	57.4
54	48.5	38.7	58.1



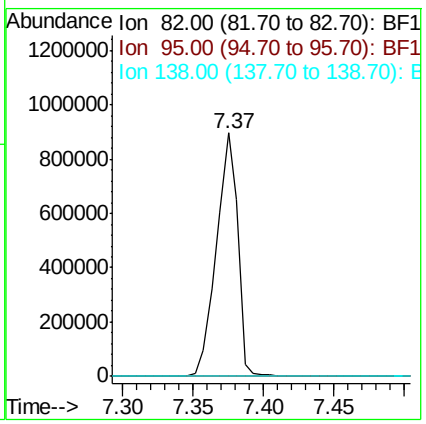


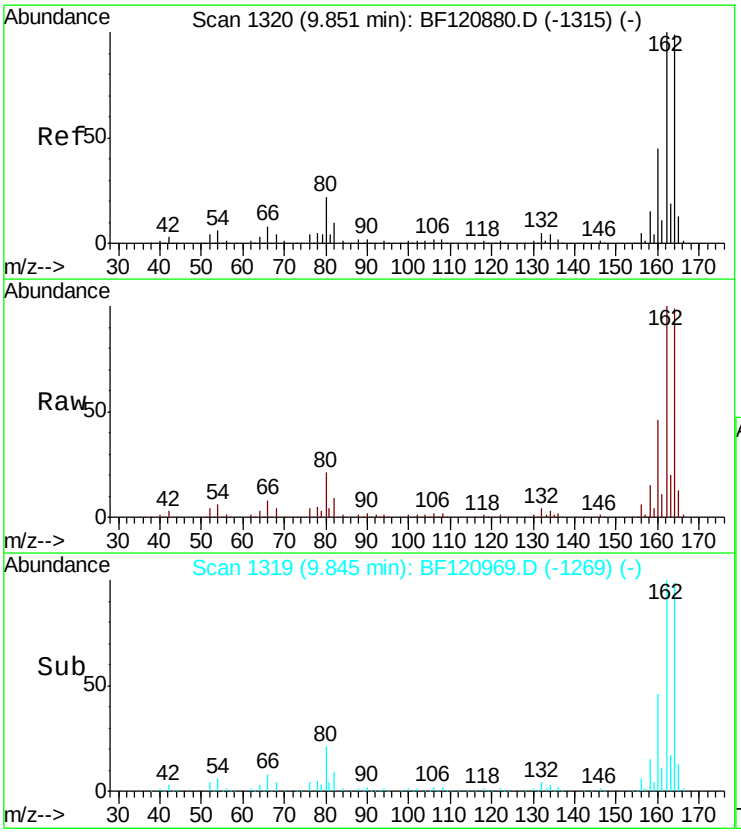
#25
Isophorone
Concen: 42.886 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.26 min
Lab File: BF120969.D
Acq: 22 Jul 2020 17:35

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 940380

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

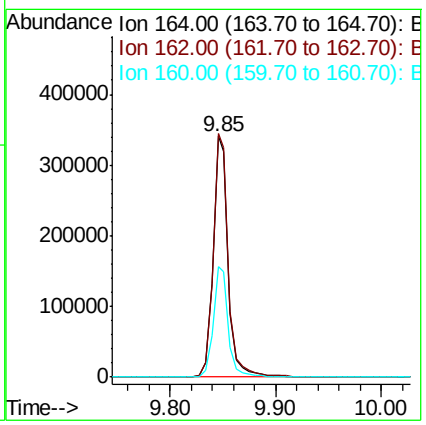


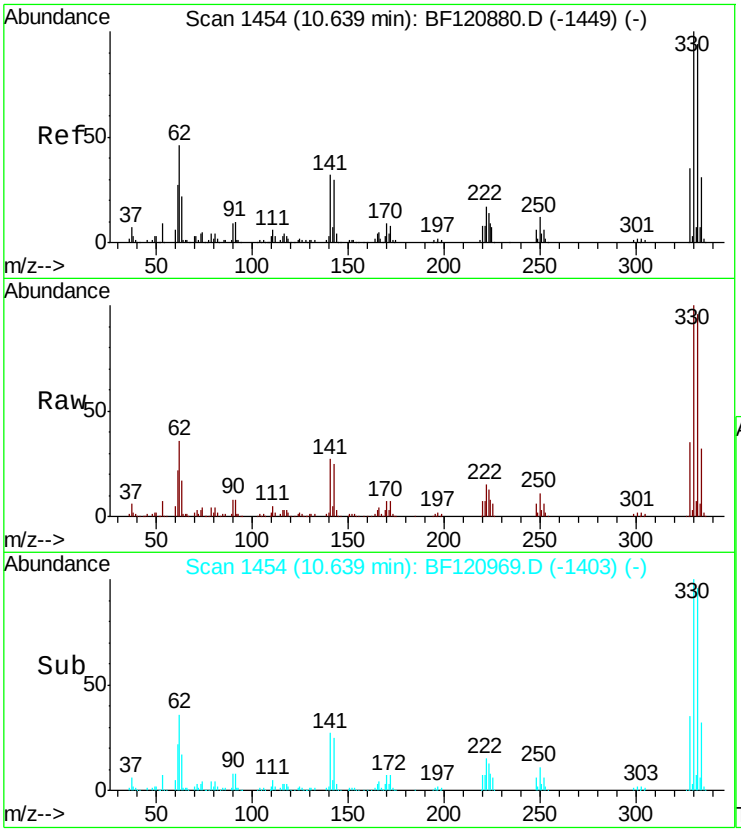


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1319
Delta R.T. -0.01 min
Lab File: BF120969.D
Acq: 22 Jul 2020 17:35

Tgt Ion:164 Resp: 345051

Ion	Ratio	Lower	Upper
164	100		
162	101.1	81.2	121.8
160	46.1	36.9	55.3



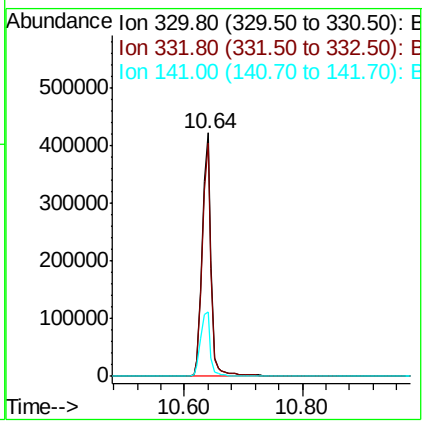


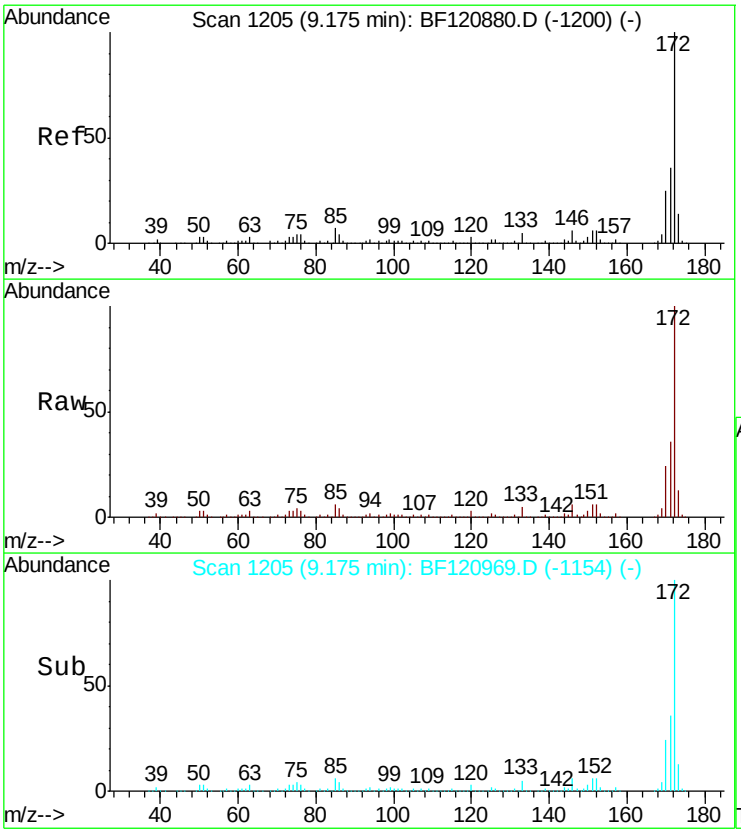
#42
2,4,6-Tribromophenol
Concen: 117.029 ng
RT: 10.64 min Scan# 1454
Delta R.T. 0.00 min
Lab File: BF120969.D
Acq: 22 Jul 2020 17:35

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 442010

Ion	Ratio	Lower	Upper
330	100		
332	95.2	75.5	113.3
141	29.3	25.7	38.5

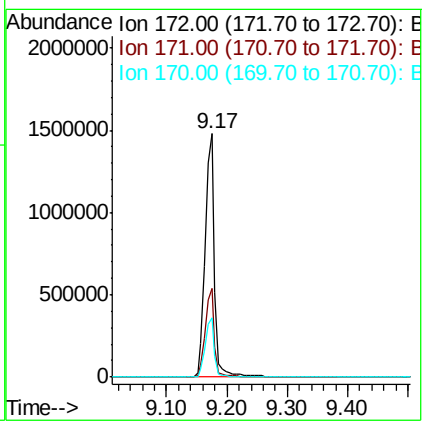


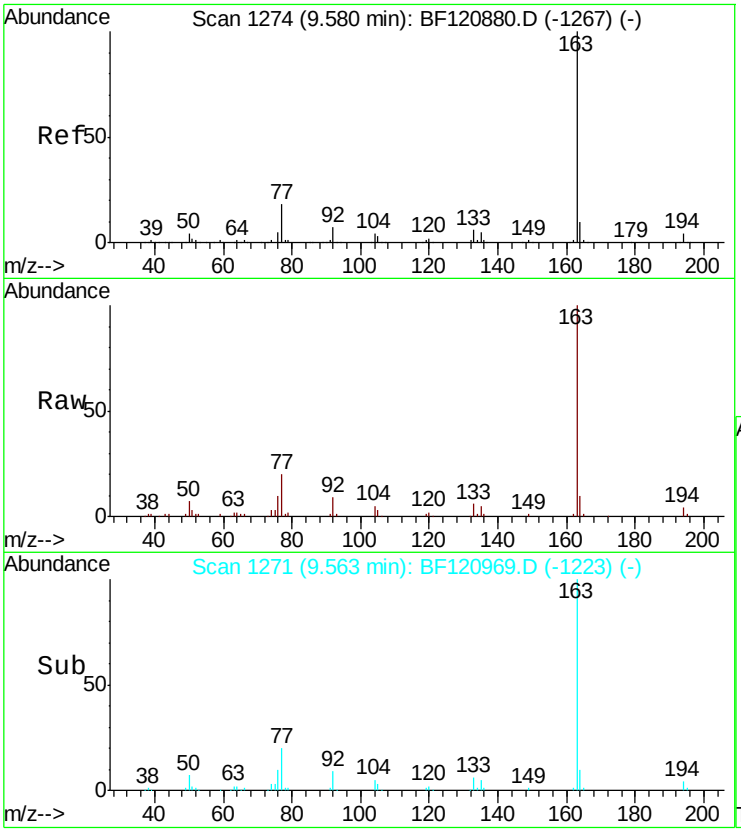


#45
2-Fluorobiphenyl
Concen: 69.711 ng
RT: 9.17 min Scan# 1205
Delta R.T. 0.00 min
Lab File: BF120969.D
Acq: 22 Jul 2020 17:35

Tgt Ion:172 Resp: 1611059

Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.0	43.4
170	24.3	19.6	29.4



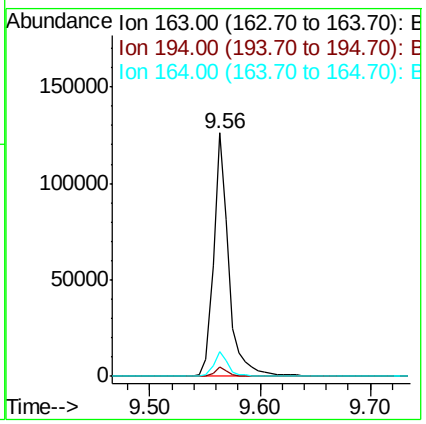


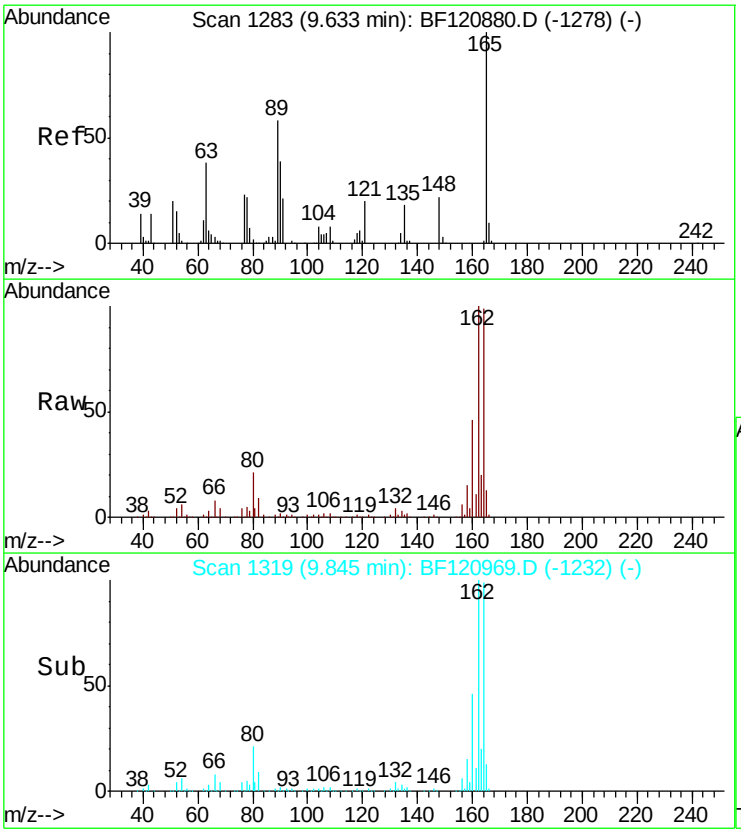
#50
Dimethylphthalate
Concen: 4.739 ng
RT: 9.56 min Scan# 1271
Delta R.T. -0.02 min
Lab File: BF120969.D
Acq: 22 Jul 2020 17:35

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:163 Resp: 117962

Ion	Ratio	Lower	Upper
163	100		
194	3.7	3.2	4.8
164	10.1	7.9	11.9

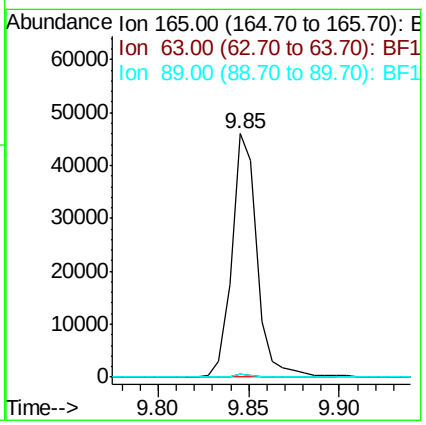


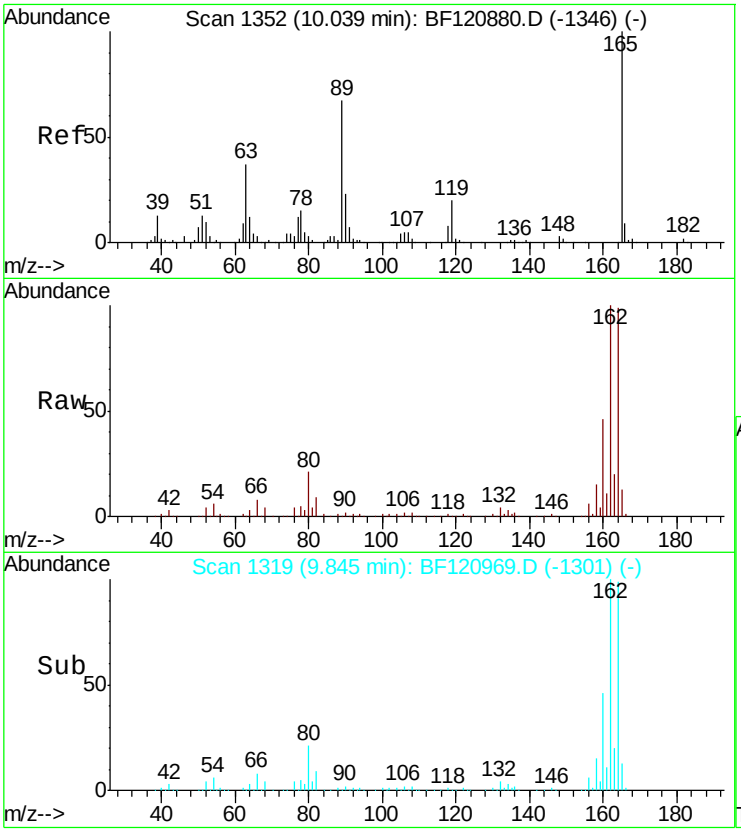


#51
2,6-Dinitrotoluene
Concen: 8.325 ng
RT: 9.85 min Scan# 1319
Delta R.T. 0.21 min
Lab File: BF120969.D
Acq: 22 Jul 2020 17:35

Tgt Ion:165 Resp: 44522

Ion	Ratio	Lower	Upper
165	100		
63	1.1	45.4	68.2#
89	1.2	47.0	70.4#



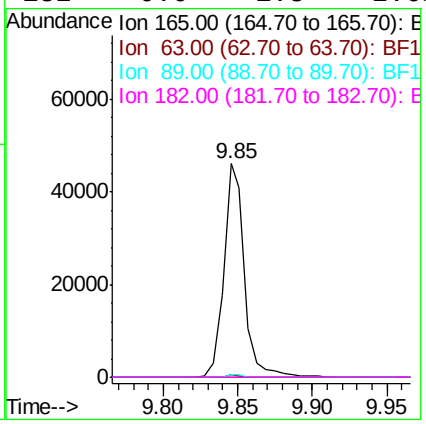


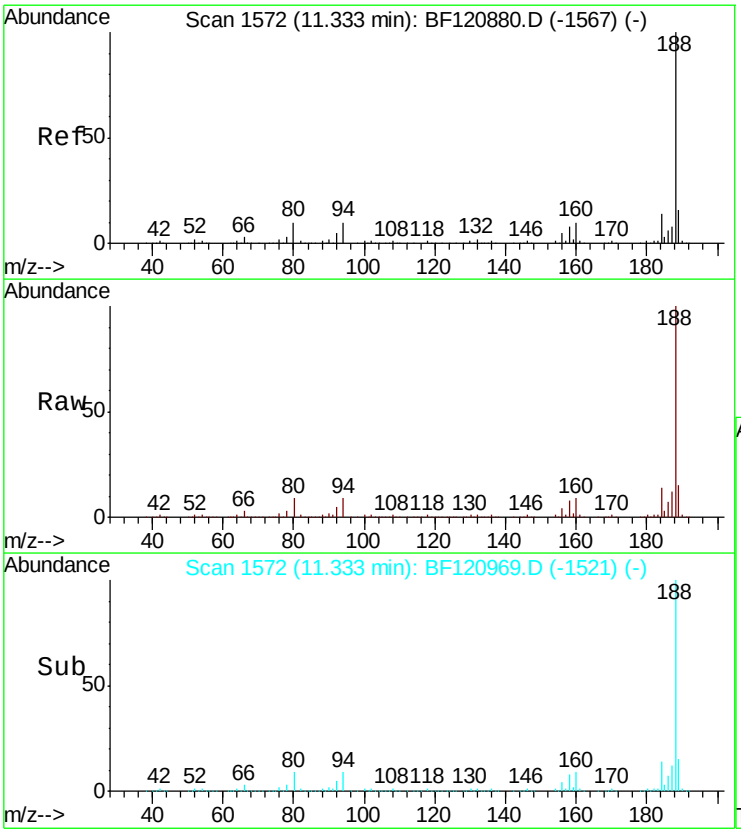
#57
2,4-Dinitrotoluene
Concen: 6.360 ng
RT: 9.85 min Scan# 1319
Delta R.T. -0.19 min
Lab File: BF120969.D
Acq: 22 Jul 2020 17:35

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 44664

Ion	Ratio	Lower	Upper
165	100		
63	1.1	29.4	44.2#
89	1.2	53.4	80.0#
182	0.0	1.8	2.6#

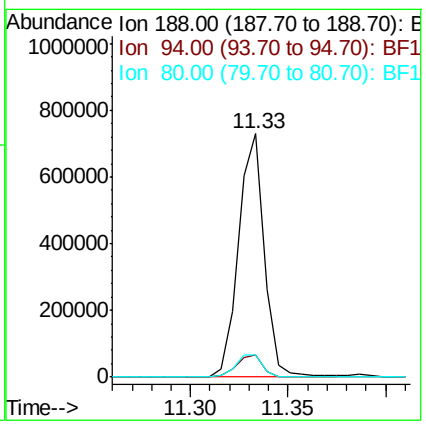


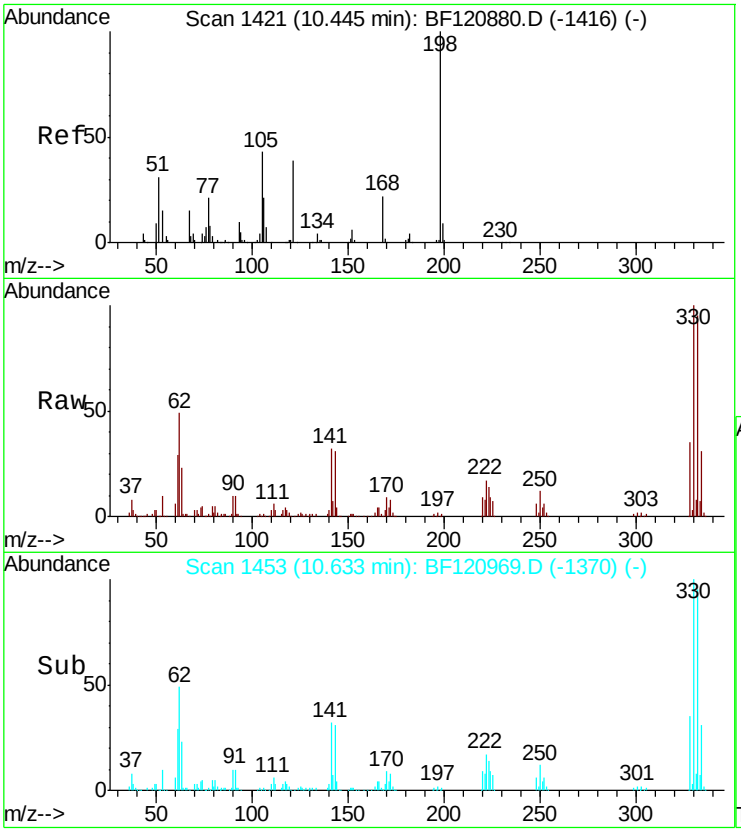


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1572
Delta R.T. 0.00 min
Lab File: BF120969.D
Acq: 22 Jul 2020 17:35

Tgt Ion:188 Resp: 667772

Ion	Ratio	Lower	Upper
188	100		
94	8.9	8.0	12.0
80	9.3	8.3	12.5



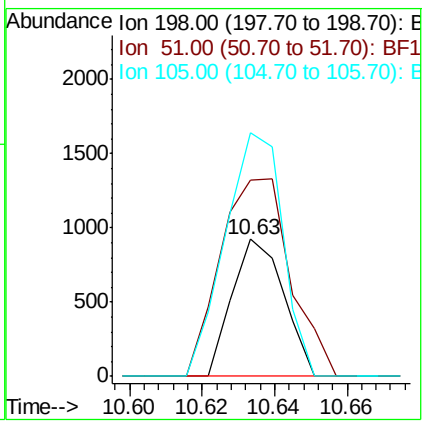


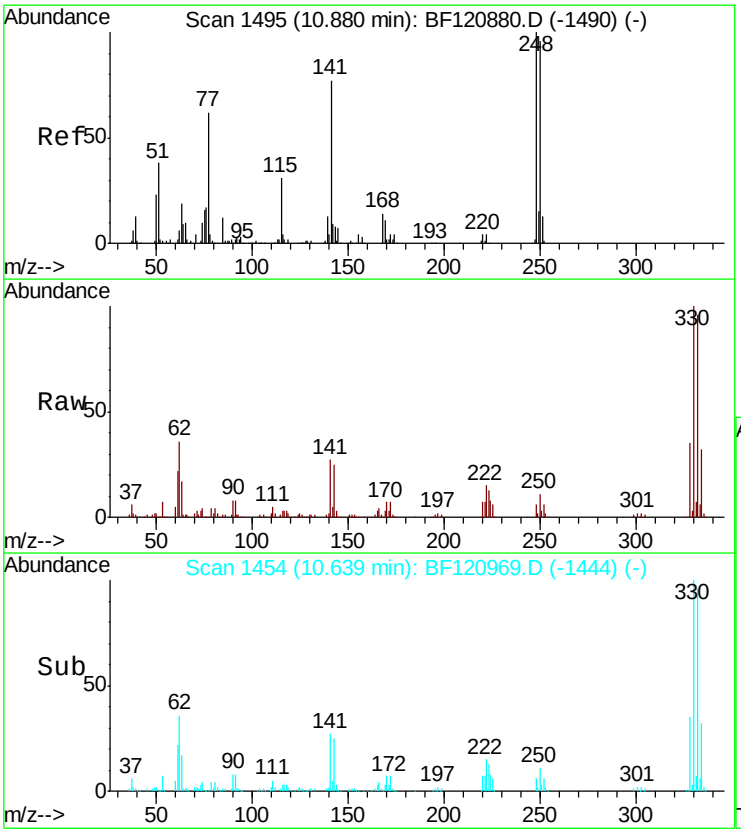
#65
4,6-Dinitro-2-methylphenol
Concen: 4.061 ng
RT: 10.63 min Scan# 1453
Delta R.T. 0.19 min
Lab File: BF120969.D
Acq: 22 Jul 2020 17:35

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:198 Resp: 919

Ion	Ratio	Lower	Upper
198	100		
51	143.5	19.5	59.5#
105	177.5	24.4	64.4#

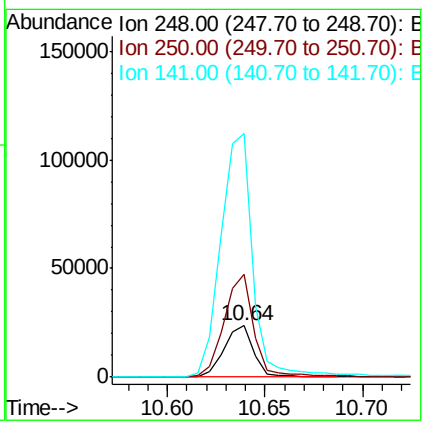


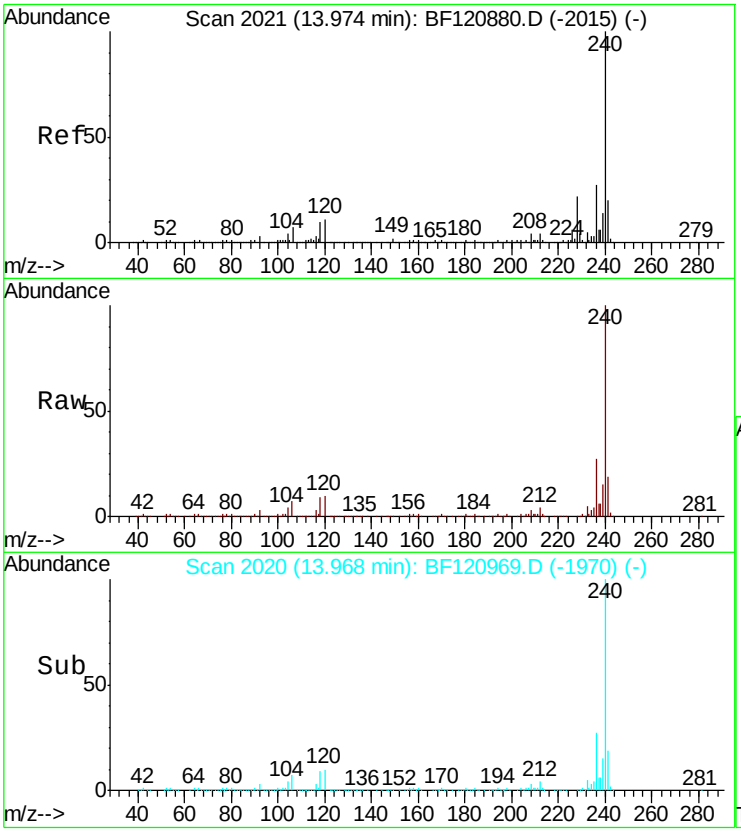


#67
4-Bromophenyl-phenylether
Concen: 3.321 ng
RT: 10.64 min Scan# 1454
Delta R.T. -0.24 min
Lab File: BF120969.D
Acq: 22 Jul 2020 17:35

Tgt Ion:248 Resp: 24725

Ion	Ratio	Lower	Upper
248	100		
250	200.7	77.1	115.7#
141	475.5	61.2	91.8#



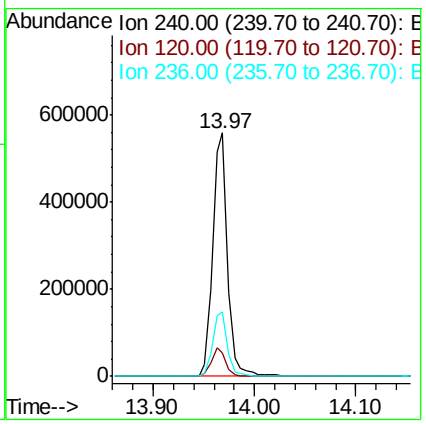


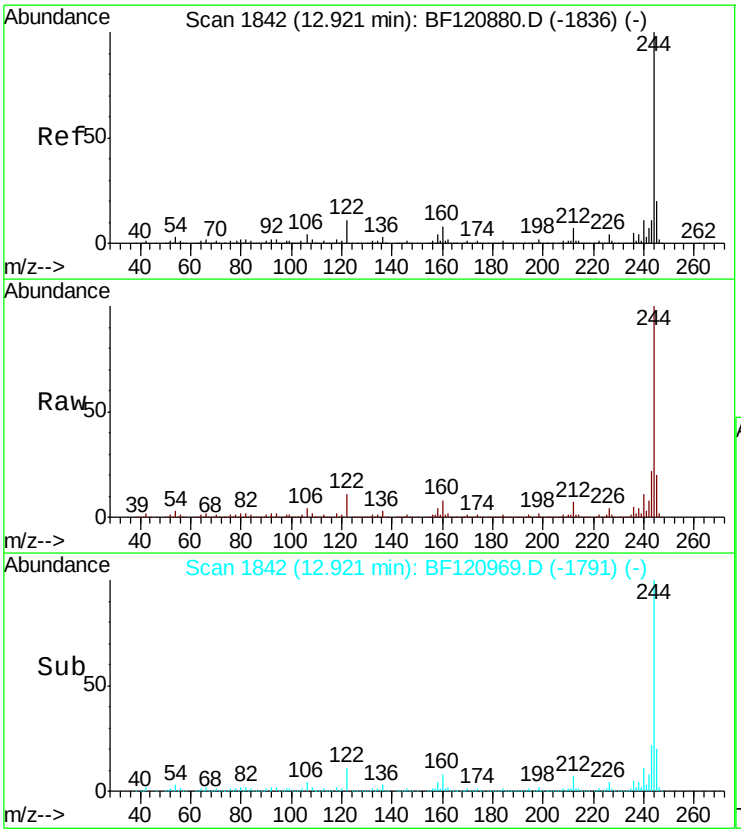
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.01 min
Lab File: BF120969.D
Acq: 22 Jul 2020 17:35

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 564428

Ion	Ratio	Lower	Upper
240	100		
120	9.8	9.0	13.4
236	26.5	21.7	32.5

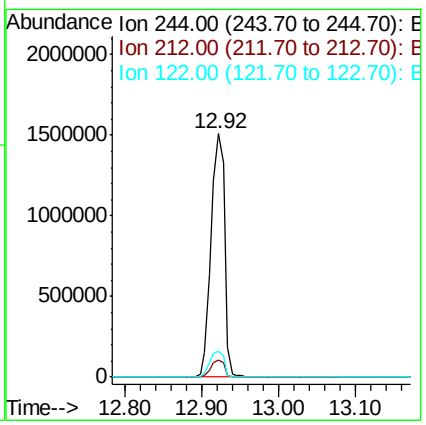


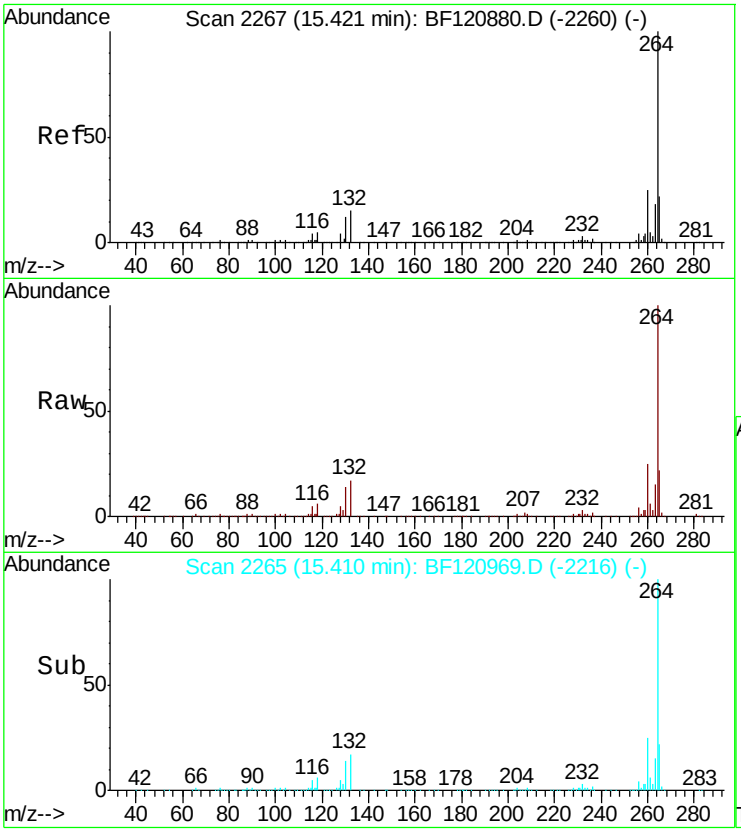


#79
Terphenyl-d14
Concen: 69.818 ng
RT: 12.92 min Scan# 1842
Delta R.T. 0.00 min
Lab File: BF120969.D
Acq: 22 Jul 2020 17:35

Tgt Ion:244 Resp: 1812847

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.6	8.4
122	10.7	8.9	13.3





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.41 min Scan# 2265
Delta R.T. -0.01 min
Lab File: BF120969.D
Acq: 22 Jul 2020 17:35

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 501387

Ion	Ratio	Lower	Upper
264	100		
260	24.6	20.0	30.0
265	21.5	17.4	26.2