Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072220\
Data File : BF120971.D
Acq On : 22 Jul 2020 18:38
Operator : JU/CG
Sample : L3189-04
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Jul 22 19:09:19 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	179221	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	687331	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	363948	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	692194	20.00	ng	0.00
76) Chrysene-d12	13.97	240	573036	20.00	ng	0.00
86) Perylene-d12	15.42	264	473166	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	1159019	106.02	ng	0.02
7) Phenol-d6	6.45	99	1259958	89.22	ng	0.00
23) Nitrobenzene-d5	7.37	82	974259	82.02	ng	0.00
42) 2,4,6-Tribromophenol	10.64	330	448406	112.56	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	1677204	68.80	ng	0.00
79) Terphenyl-d14	12.92	244	1789846	67.90	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.45	77	1739	Below Cal	#	1
19) n-Nitroso-di-n-propylamine	7.37	70	128938	16.057	ng	# 77
25) Isophorone	7.37	82	974250	41.095	ng	# 63
51) 2,6-Dinitrotoluene	9.85	165	45814	8.122	ng	# 24
57) 2,4-Dinitrotoluene	9.85	165	45814	6.185	ng	# 27
65) 4,6-Dinitro-2-methylphenol	10.63	198	804	4.027	ng	# 1
67) 4-Bromophenyl-phenylether	10.64	248	26268	3.404	ng	# 1

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072220\
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Acq On : 22 Jul 2020 18:38
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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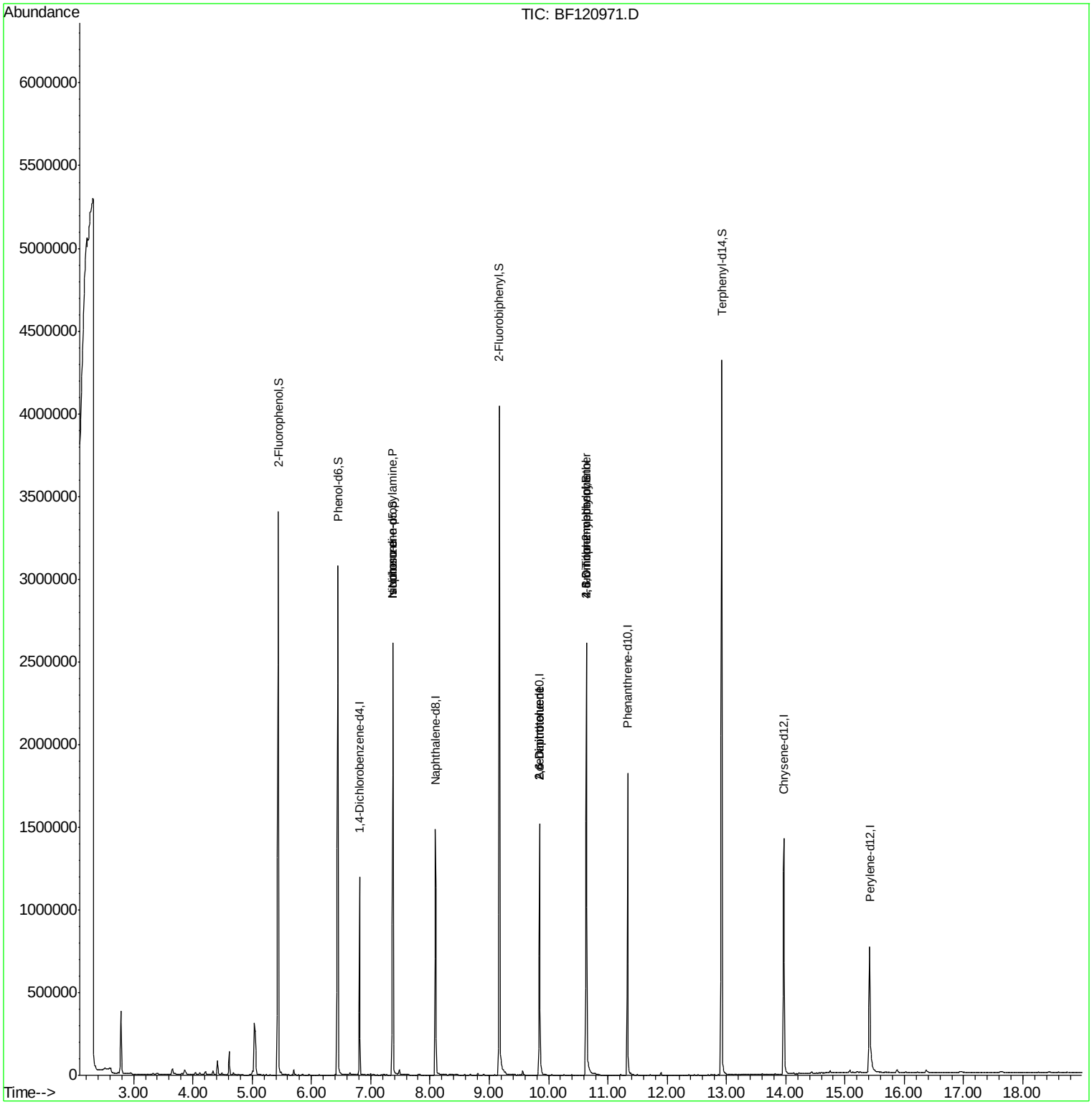
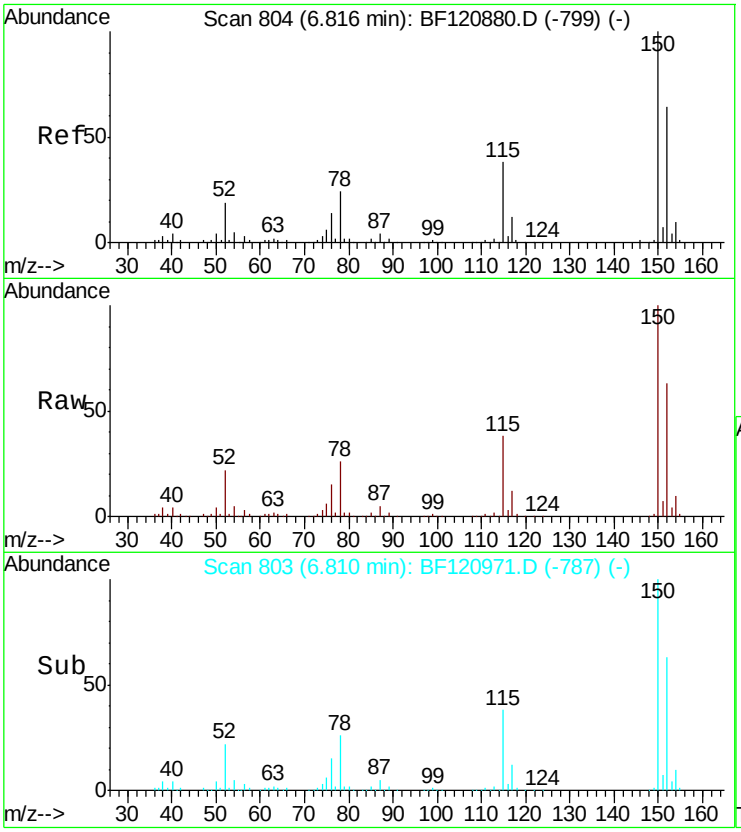


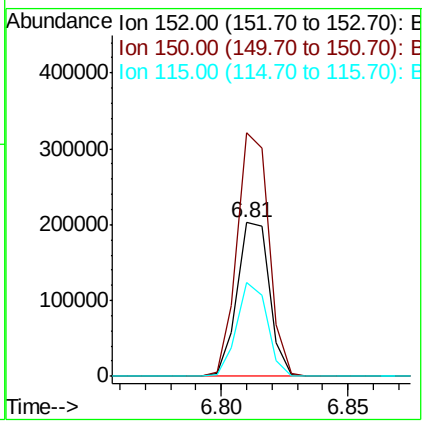


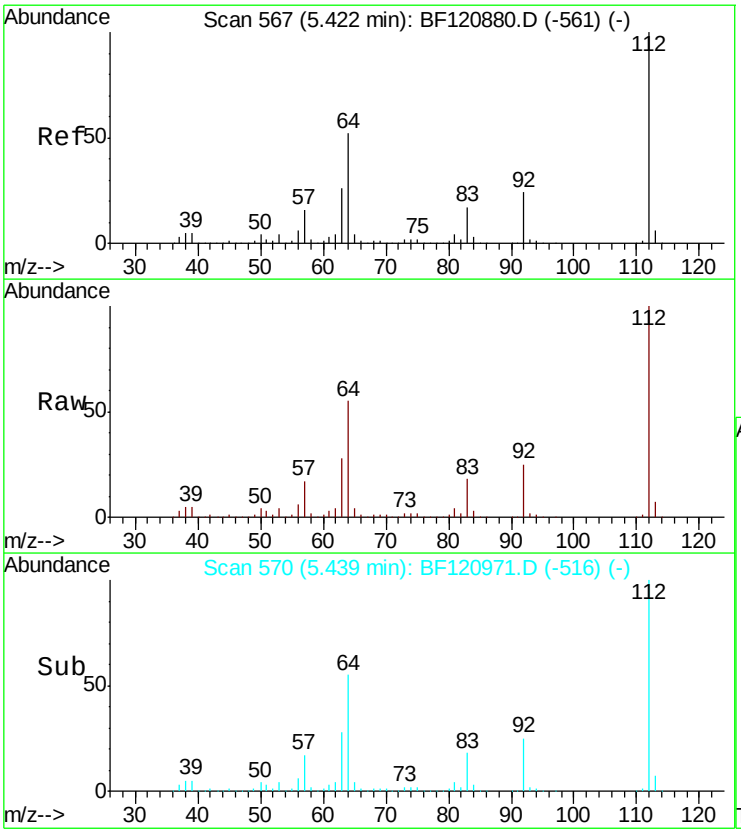
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. -0.01 min
Lab File: BF120971.D
Acq: 22 Jul 2020 18:38

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 179221

Ion	Ratio	Lower	Upper
152	100		
150	158.5	125.0	187.6
115	60.8	47.0	70.4

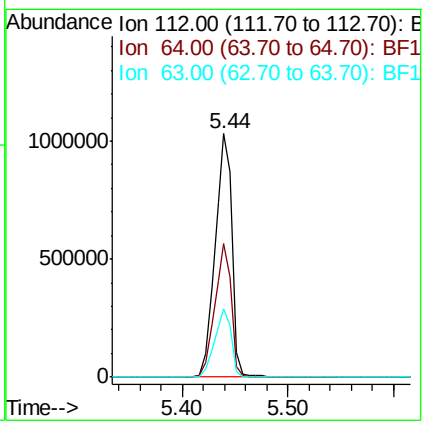


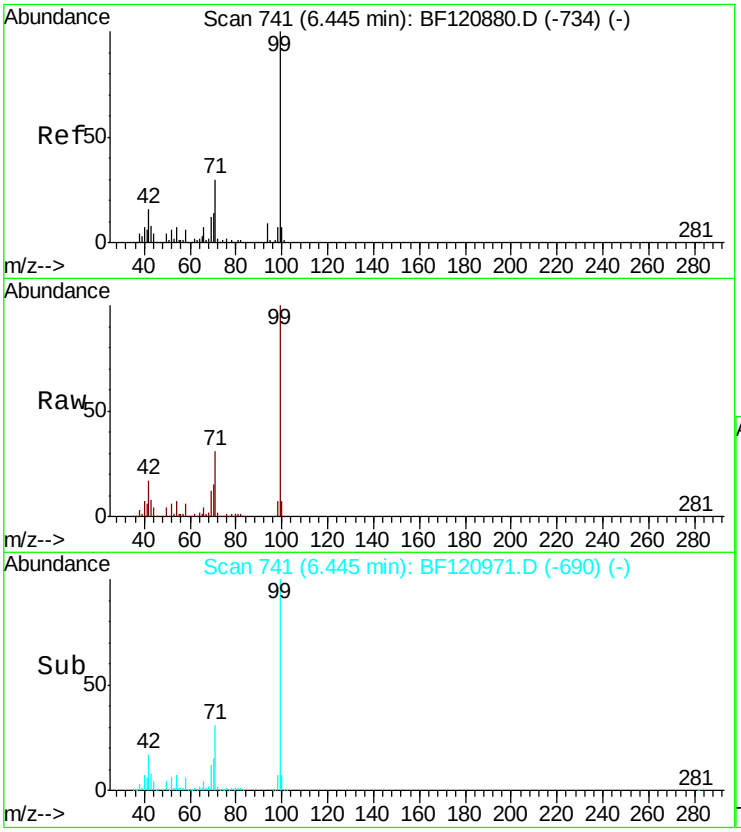


#5
2-Fluorophenol
Concen: 106.017 ng
RT: 5.44 min Scan# 570
Delta R.T. 0.02 min
Lab File: BF120971.D
Acq: 22 Jul 2020 18:38

Tgt Ion:112 Resp: 1159019

Ion	Ratio	Lower	Upper
112	100		
64	54.6	41.3	61.9
63	28.0	21.1	31.7



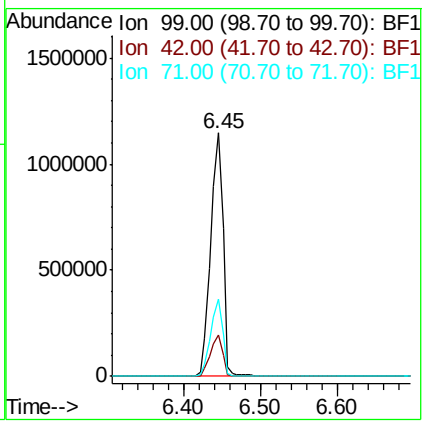


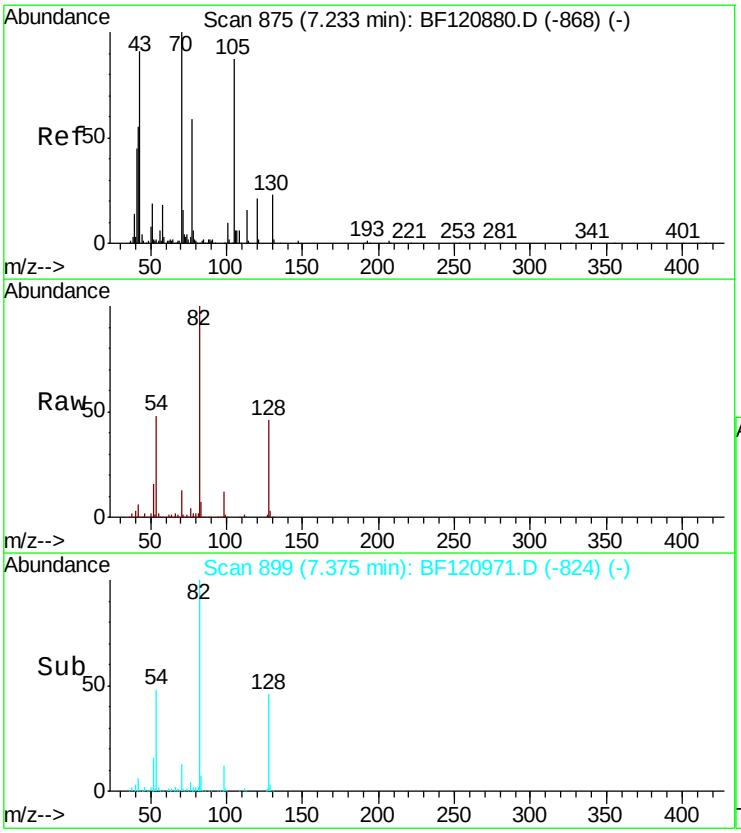
#7
Phenol-d6
Concen: 89.220 ng
RT: 6.45 min Scan# 741
Delta R.T. 0.00 min
Lab File: BF120971.D
Acq: 22 Jul 2020 18:38

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 1259958

Ion	Ratio	Lower	Upper
99	100		
42	17.0	13.1	19.7
71	31.5	24.2	36.4

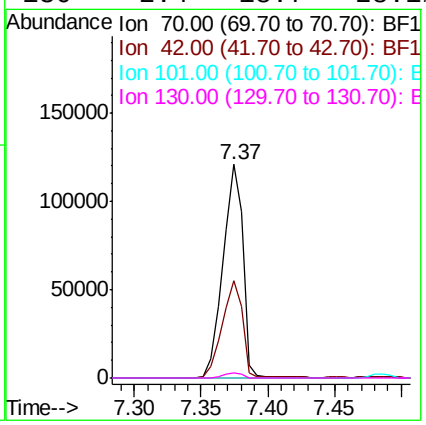


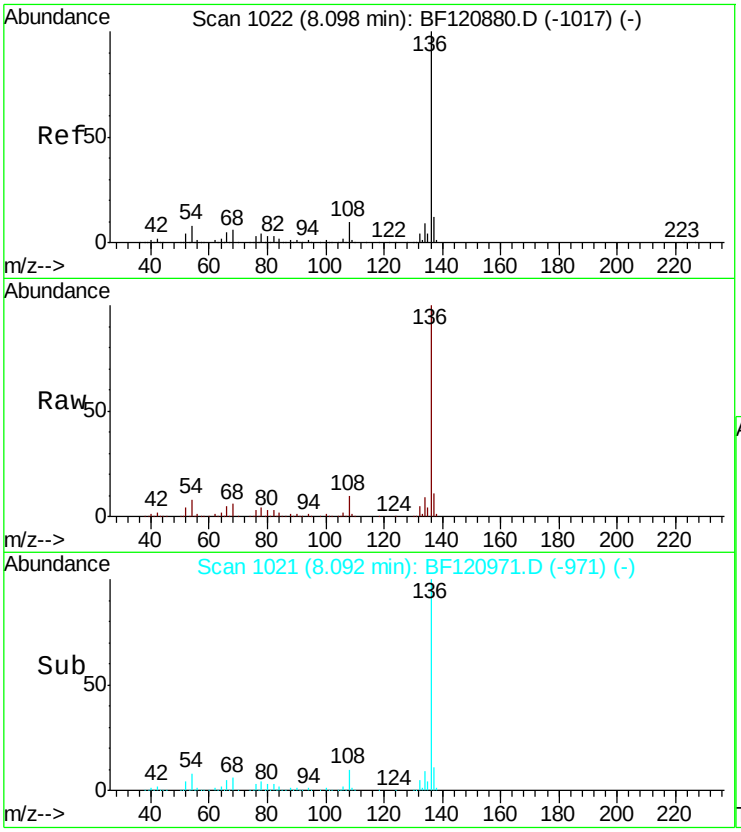


#19
n-Nitroso-di-n-propylamine
Concen: 16.057 ng
RT: 7.37 min Scan# 899
Delta R.T. 0.14 min
Lab File: BF120971.D
Acq: 22 Jul 2020 18:38

Tgt Ion: 70 Resp: 128938

Ion	Ratio	Lower	Upper
70	100		
42	45.3	44.0	66.0
101	0.0	7.8	11.6#
130	2.4	18.7	28.1#



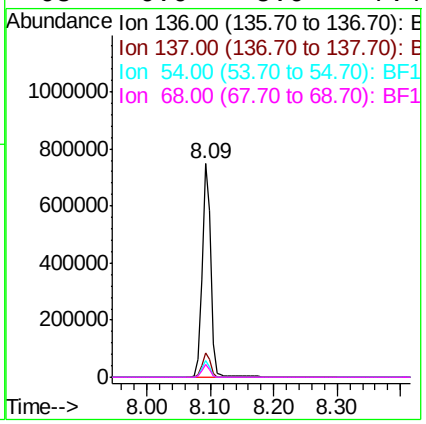


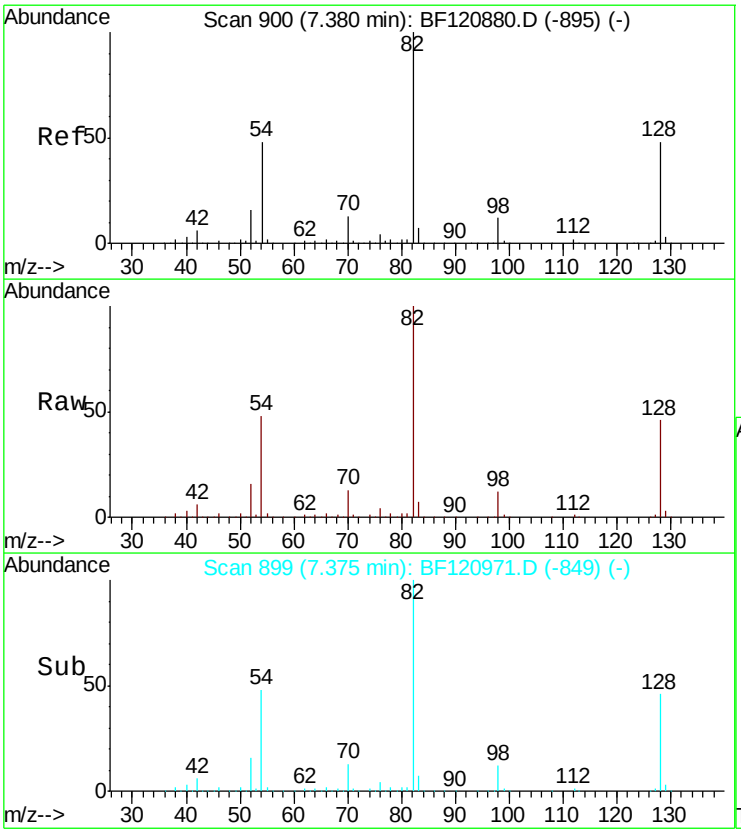
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BF120971.D
Acq: 22 Jul 2020 18:38

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 687331

Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.3	13.9
54	7.5	6.3	9.5
68	6.0	5.0	7.4

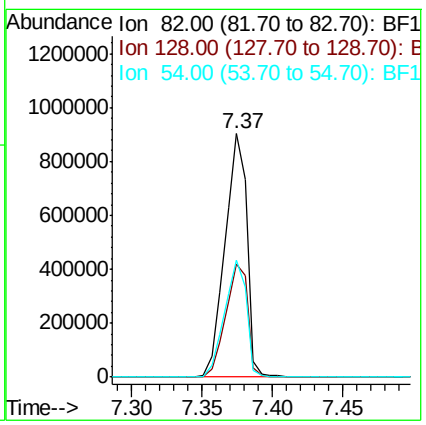


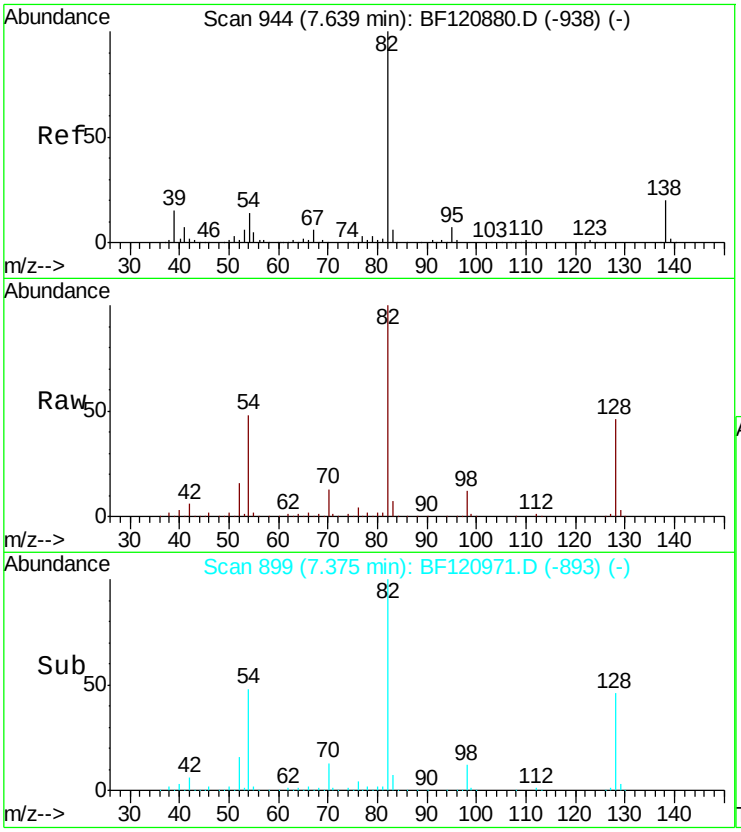


#23
Nitrobenzene-d5
Concen: 82.018 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.01 min
Lab File: BF120971.D
Acq: 22 Jul 2020 18:38

Tgt Ion: 82 Resp: 974259

Ion	Ratio	Lower	Upper
82	100		
128	46.3	38.2	57.4
54	48.2	38.7	58.1



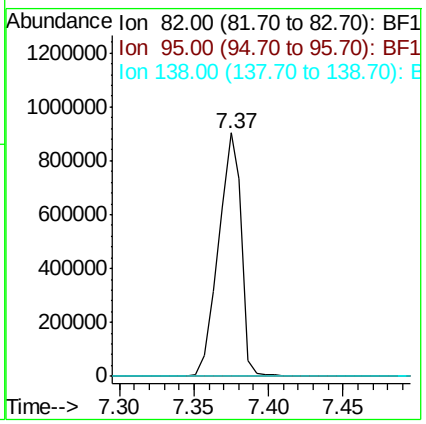


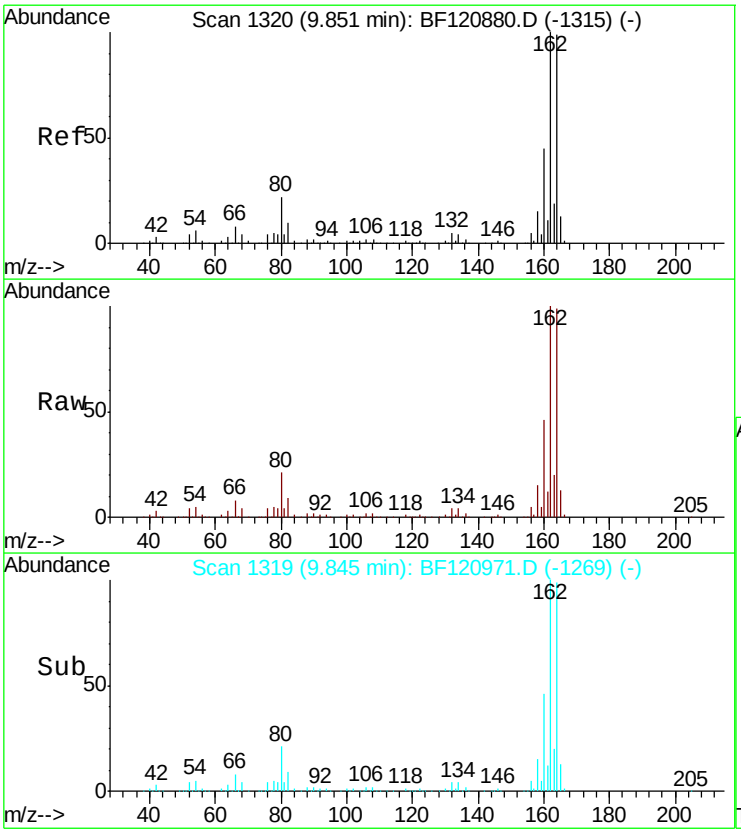
#25
Isophorone
Concen: 41.095 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.26 min
Lab File: BF120971.D
Acq: 22 Jul 2020 18:38

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 974250

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

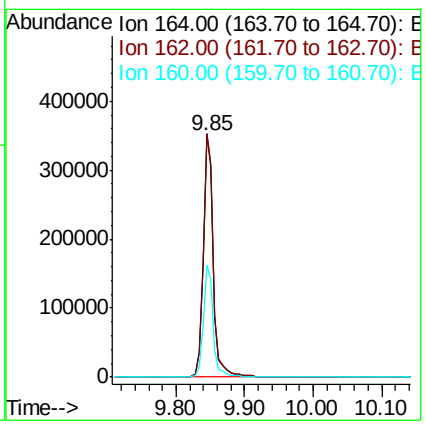


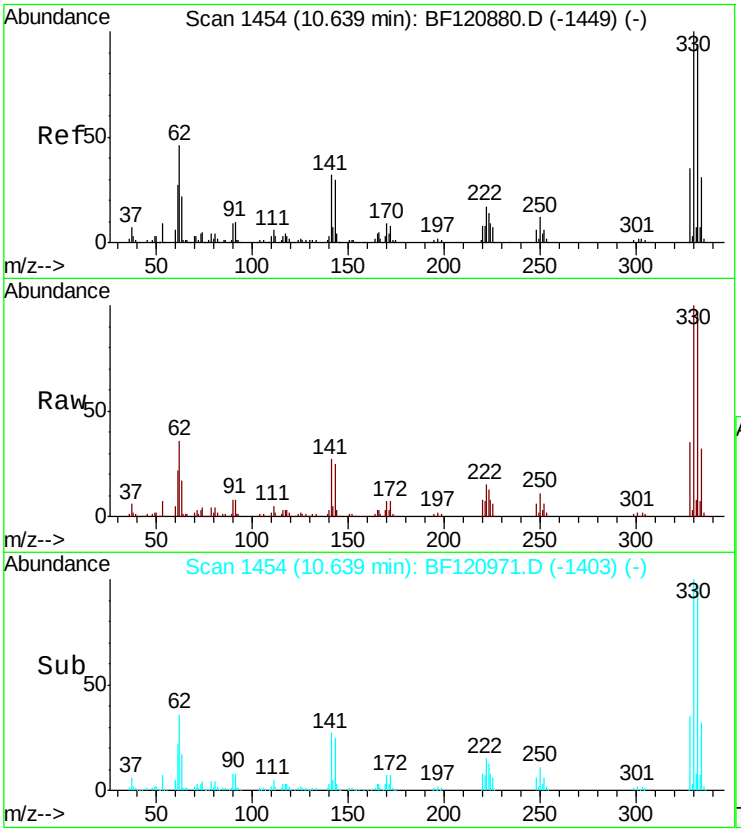


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1319
Delta R.T. -0.01 min
Lab File: BF120971.D
Acq: 22 Jul 2020 18:38

Tgt Ion:164 Resp: 363948

Ion	Ratio	Lower	Upper
164	100		
162	100.6	81.2	121.8
160	45.9	36.9	55.3



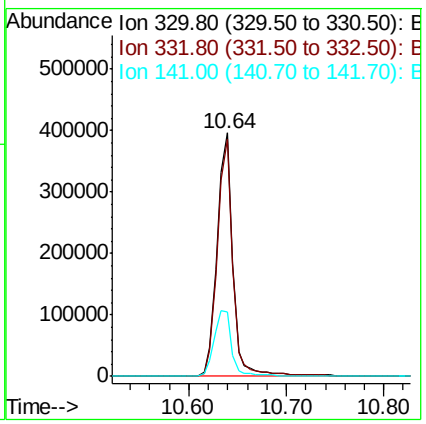


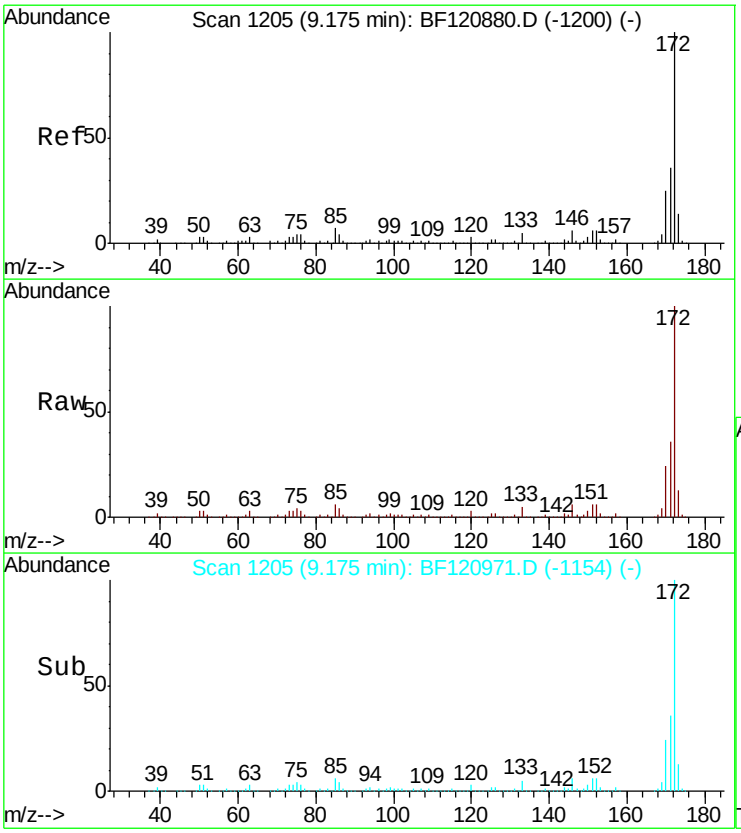
#42
2,4,6-Tribromophenol
Concen: 112.558 ng
RT: 10.64 min Scan# 1454
Delta R.T. 0.00 min
Lab File: BF120971.D
Acq: 22 Jul 2020 18:38

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 448406

Ion	Ratio	Lower	Upper
330	100		
332	97.4	75.5	113.3
141	30.7	25.7	38.5

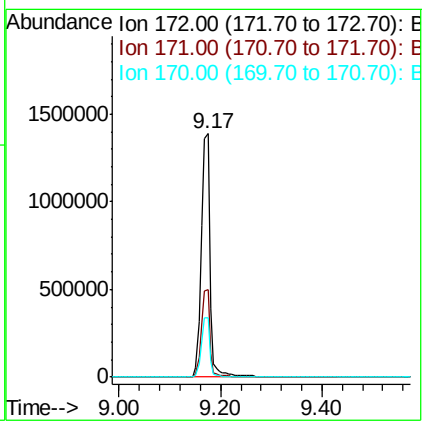


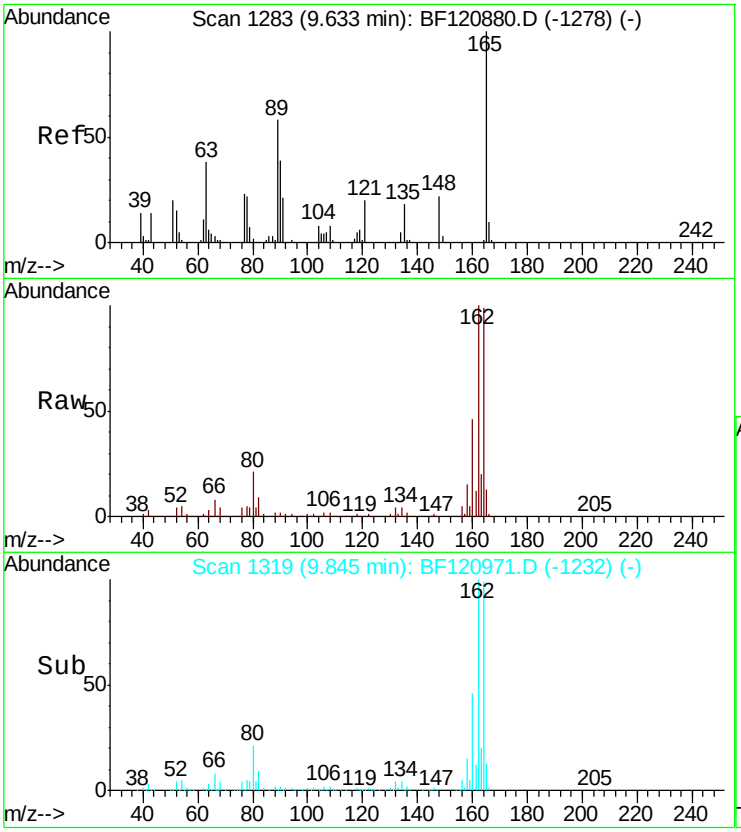


#45
2-Fluorobiphenyl
Concen: 68.805 ng
RT: 9.17 min Scan# 1205
Delta R.T. 0.00 min
Lab File: BF120971.D
Acq: 22 Jul 2020 18:38

Tgt Ion:172 Resp: 1677204

Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.0	43.4
170	24.4	19.6	29.4



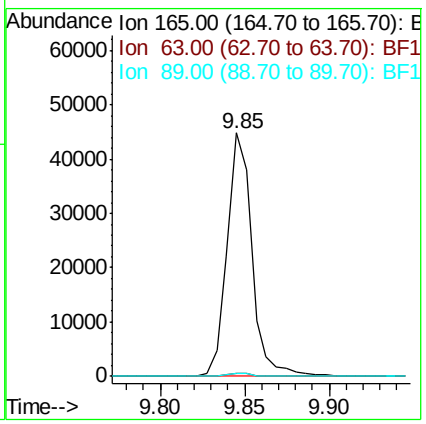


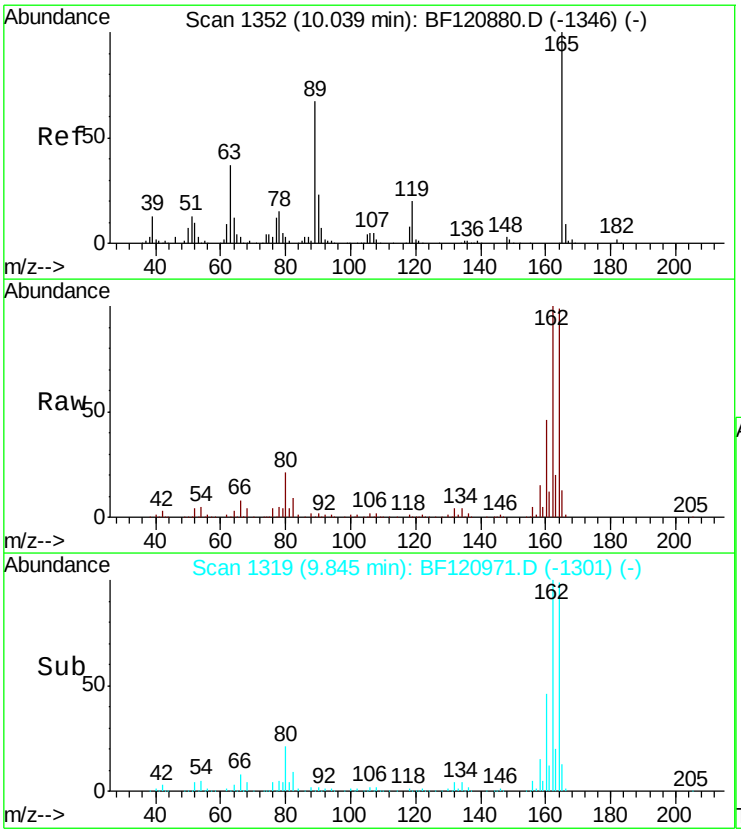
#51
2,6-Dinitrotoluene
Concen: 8.122 ng
RT: 9.85 min Scan# 1319
Delta R.T. 0.21 min
Lab File: BF120971.D
Acq: 22 Jul 2020 18:38

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 45814

Ion	Ratio	Lower	Upper
165	100		
63	1.2	45.4	68.2#
89	1.4	47.0	70.4#

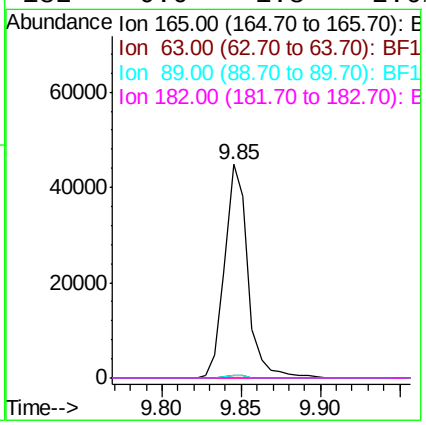


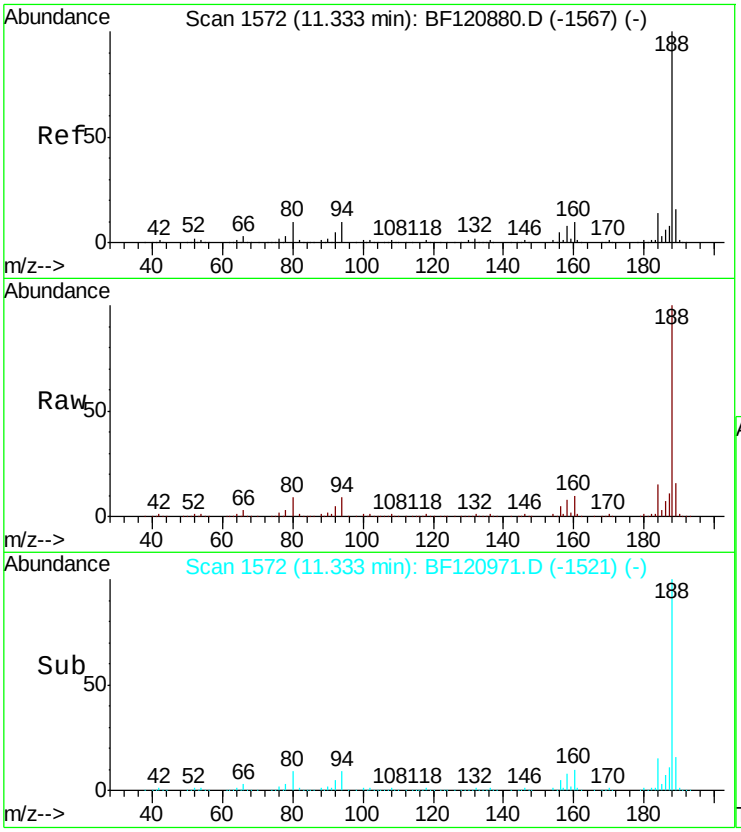


#57
2,4-Dinitrotoluene
Concen: 6.185 ng
RT: 9.85 min Scan# 1319
Delta R.T. -0.19 min
Lab File: BF120971.D
Acq: 22 Jul 2020 18:38

Tgt Ion:165 Resp: 45814

Ion	Ratio	Lower	Upper
165	100		
63	1.2	29.4	44.2#
89	1.4	53.4	80.0#
182	0.0	1.8	2.6#



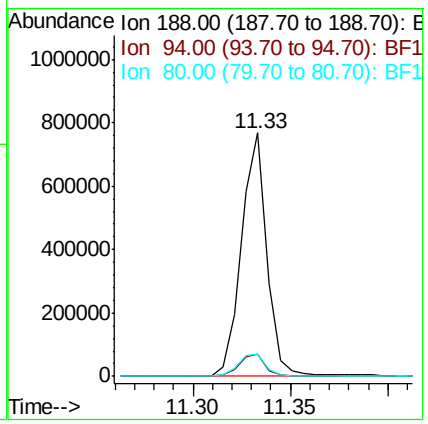


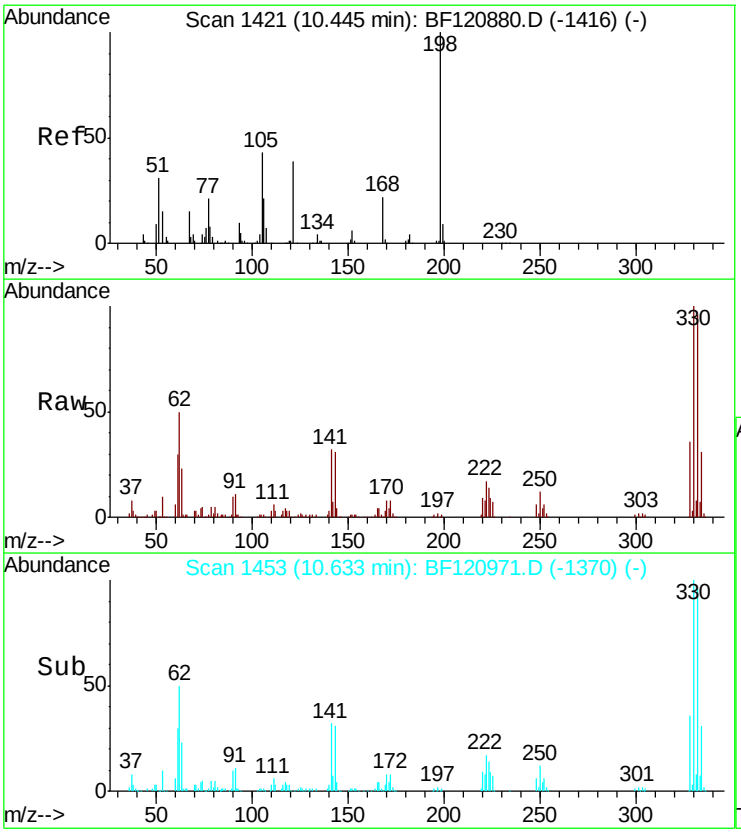
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1572
Delta R.T. 0.00 min
Lab File: BF120971.D
Acq: 22 Jul 2020 18:38

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 692194

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

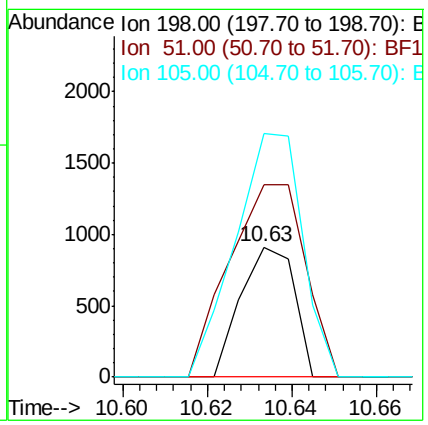


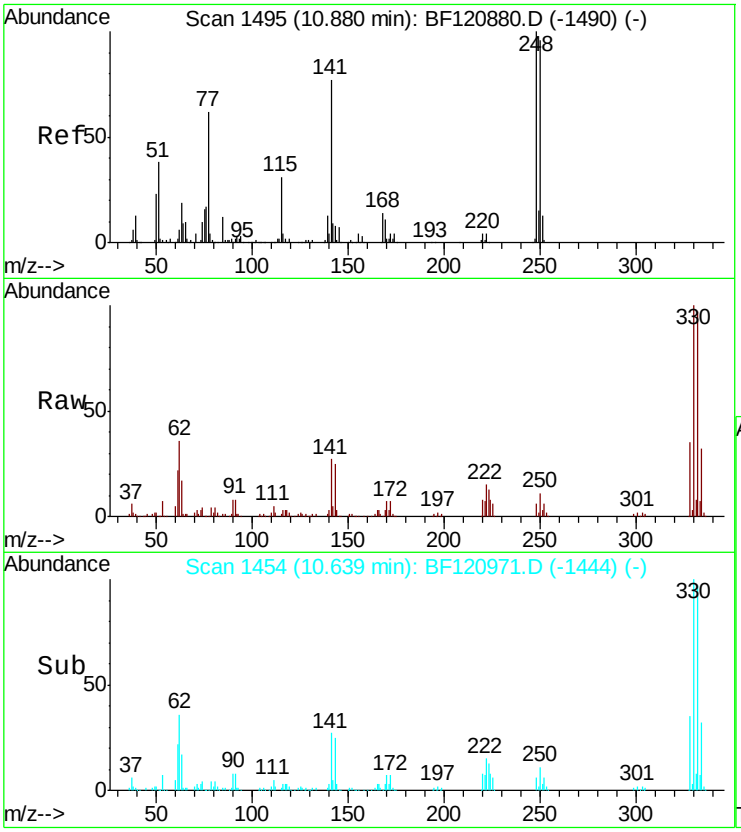


#65
4,6-Dinitro-2-methylphenol
Concen: 4.027 ng
RT: 10.63 min Scan# 1453
Delta R.T. 0.19 min
Lab File: BF120971.D
Acq: 22 Jul 2020 18:38

Tgt Ion:198 Resp: 804

Ion	Ratio	Lower	Upper
198	100		
51	148.5	19.5	59.5#
105	187.4	24.4	64.4#



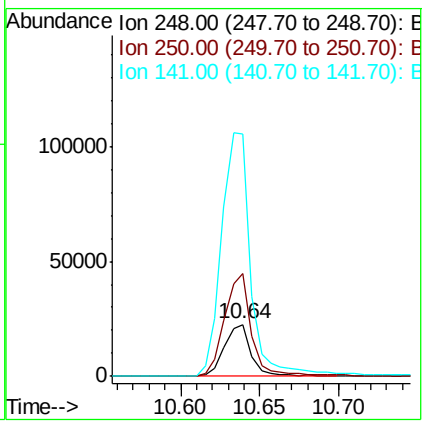


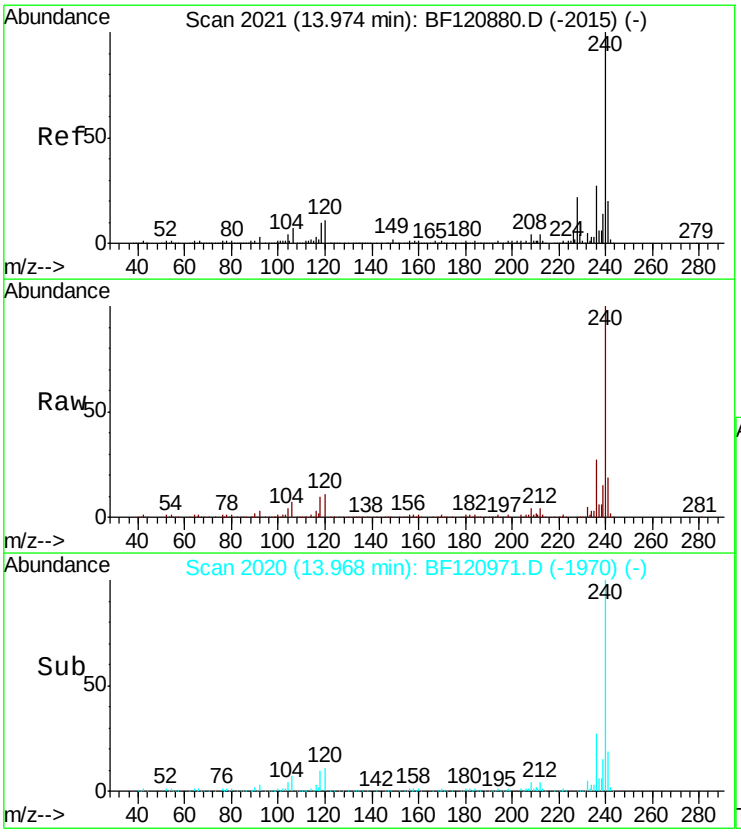
#67
4-Bromophenyl-phenylether
Concen: 3.404 ng
RT: 10.64 min Scan# 1454
Delta R.T. -0.24 min
Lab File: BF120971.D
Acq: 22 Jul 2020 18:38

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:248 Resp: 26268

Ion	Ratio	Lower	Upper
248	100		
250	198.9	77.1	115.7#
141	468.5	61.2	91.8#

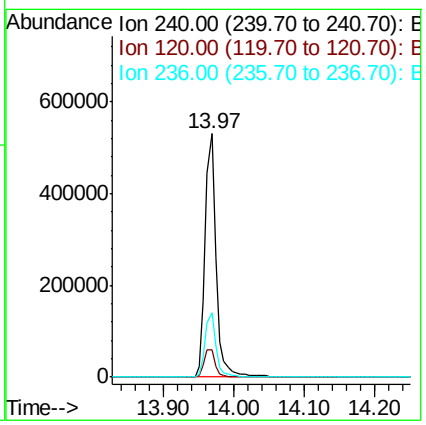


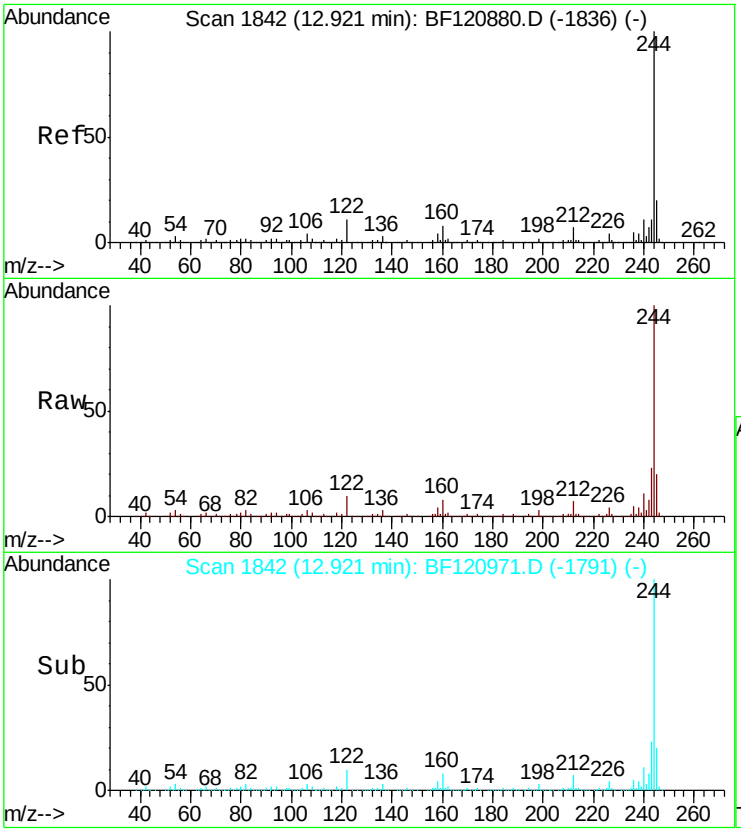


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.01 min
Lab File: BF120971.D
Acq: 22 Jul 2020 18:38

Tgt Ion:240 Resp: 573036

Ion	Ratio	Lower	Upper
240	100		
120	11.0	9.0	13.4
236	26.6	21.7	32.5



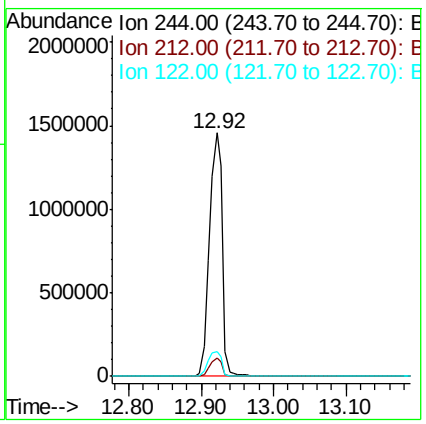


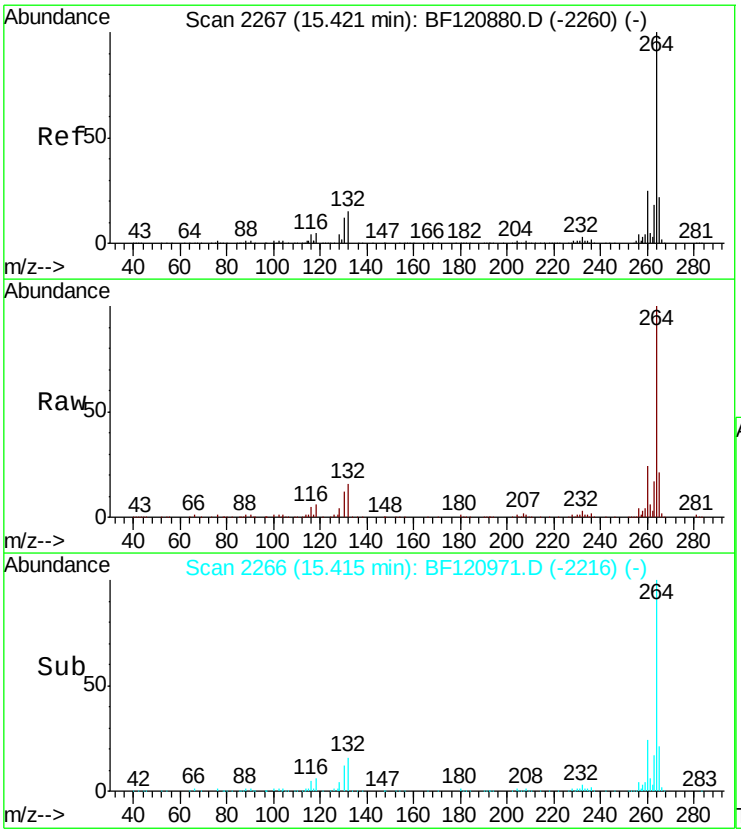
#79
Terphenyl-d14
Concen: 67.897 ng
RT: 12.92 min Scan# 1842
Delta R.T. 0.00 min
Lab File: BF120971.D
Acq: 22 Jul 2020 18:38

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 1789846

Ion	Ratio	Lower	Upper
244	100		
212	7.4	5.6	8.4
122	10.2	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: BF120971.D
Acq: 22 Jul 2020 18:38

Tgt Ion:264 Resp: 473166

Ion	Ratio	Lower	Upper
264	100		
260	24.4	20.0	30.0
265	21.4	17.4	26.2