

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	R.T.	QIon	Response	Conc	Units	Dev(Min)
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

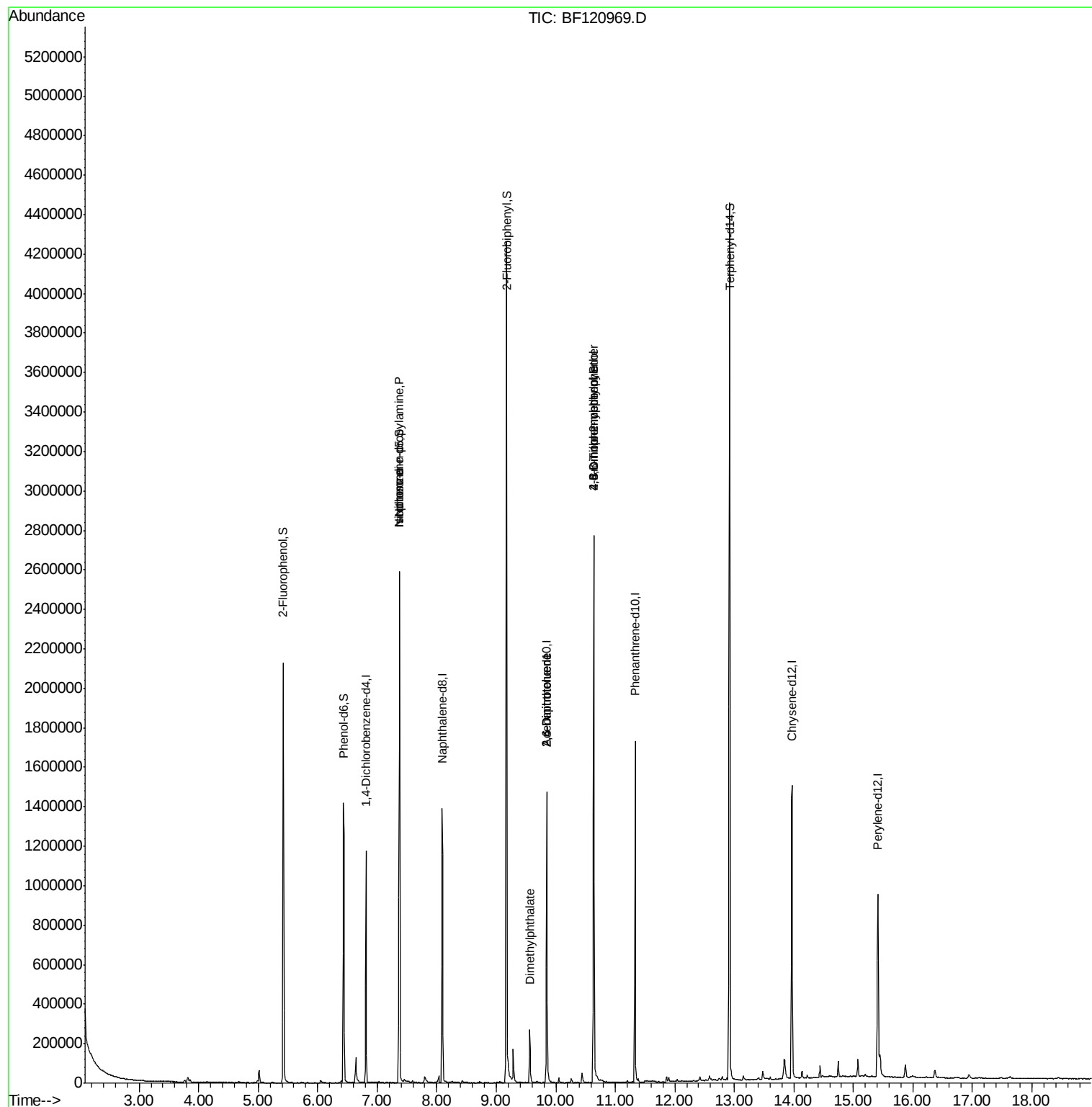
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.36	77	374	Below Cal		# 72
19) n-Nitroso-di-n-propylamine	7.37	70	123591	16.446	ng	# 77
25) Isophorone	7.37	82	940380	42.886	ng	# 63
50) Dimethylphthalate	9.56	163	117962	4.739	ng	99
51) 2,6-Dinitrotoluene	9.85	165	44522	8.325	ng	# 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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Misc :
ALS Vial : 9 Sample Multiplier: 1

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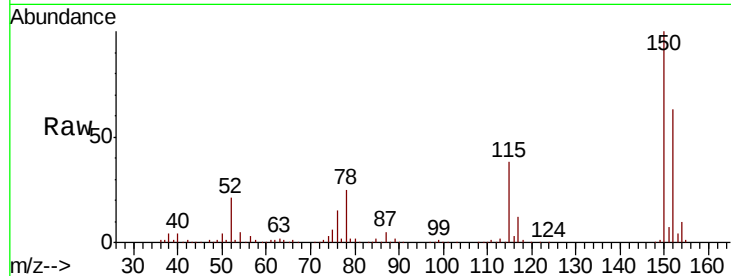


#1

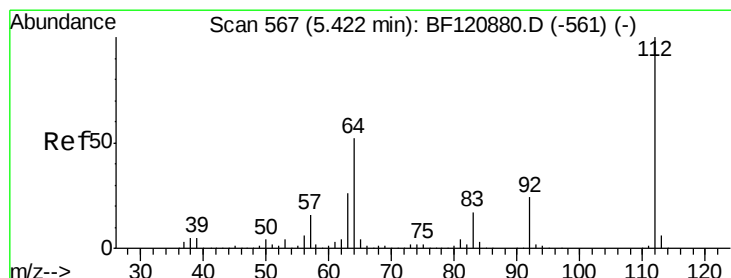
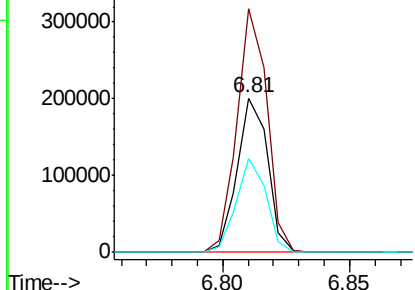
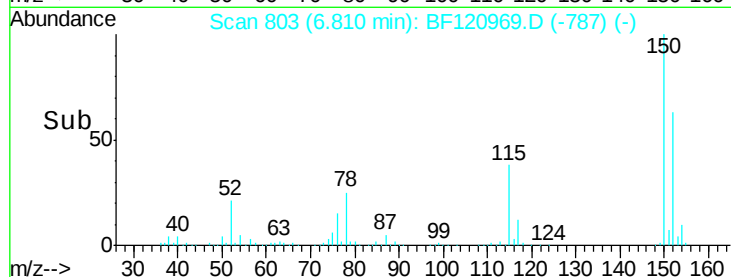
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. -0.01 min
Lab File: BF120969.D
Acq: 22 Jul 2020 17:35

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 167721
Ion Ratio Lower Upper
152 100
150 157.6 125.0 187.6
115 60.6 47.0 70.4



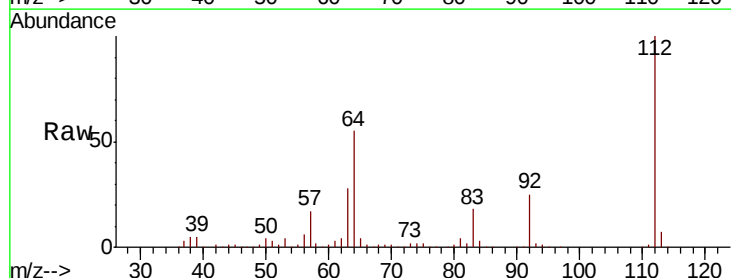
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



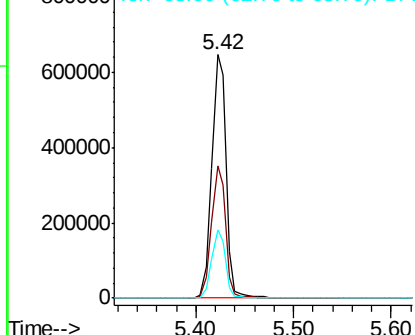
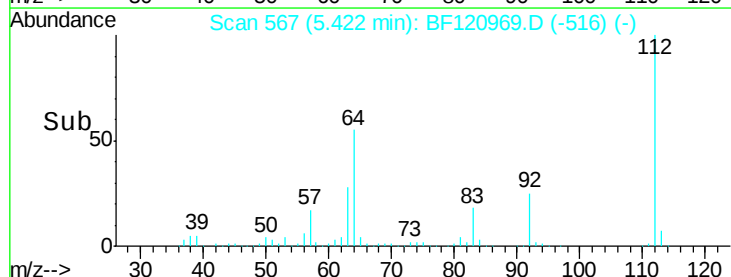
#5

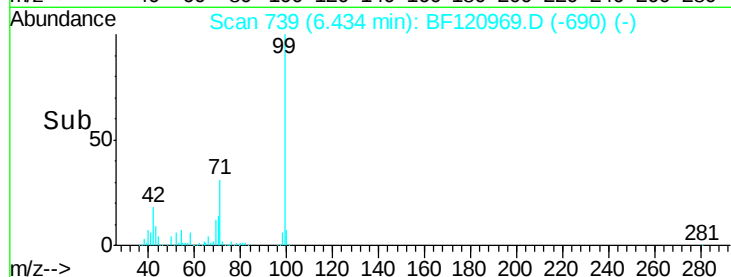
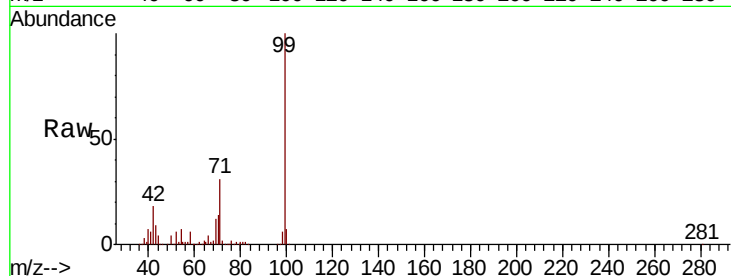
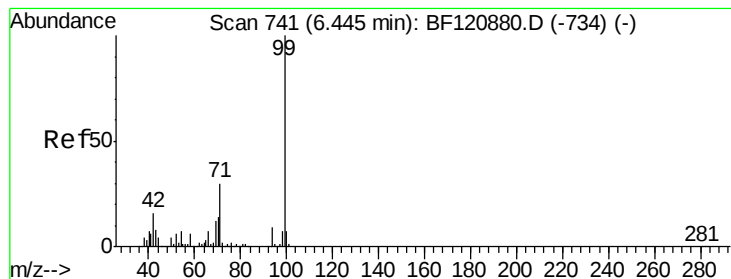
2-Fluorophenol
Concen: 64.428 ng
RT: 5.42 min Scan# 567
Delta R.T. 0.00 min
Lab File: BF120969.D
Acq: 22 Jul 2020 17:35

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



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1





#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 :

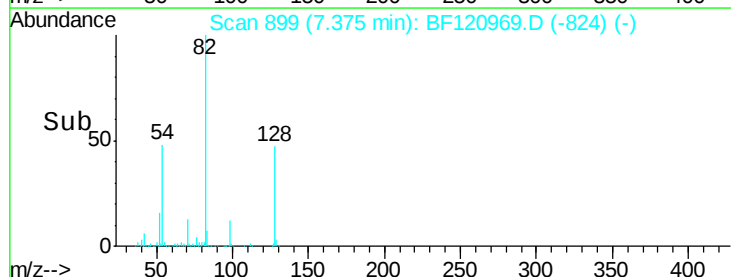
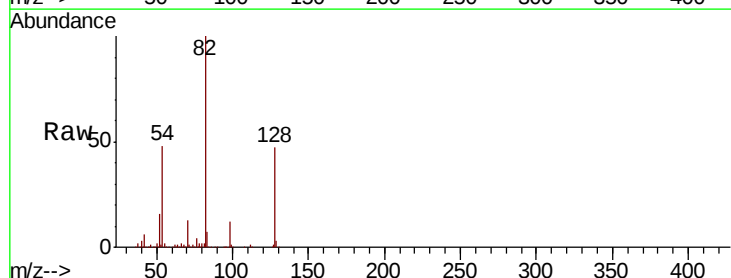
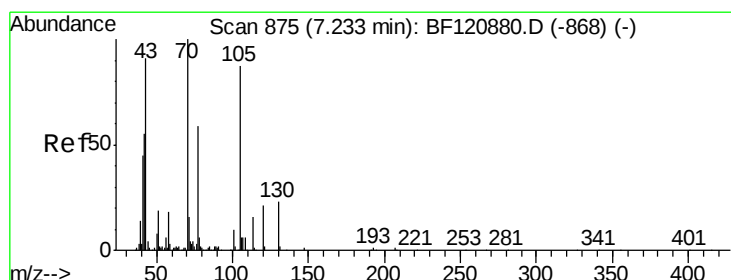
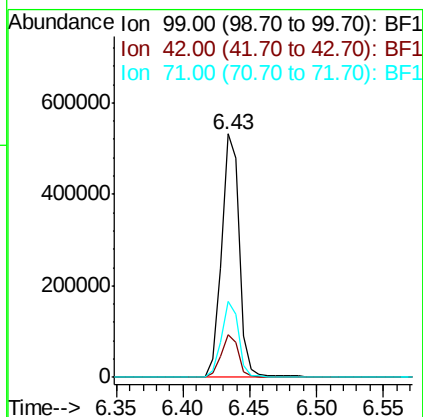
Tot Ion: 99 Resp: 506430

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

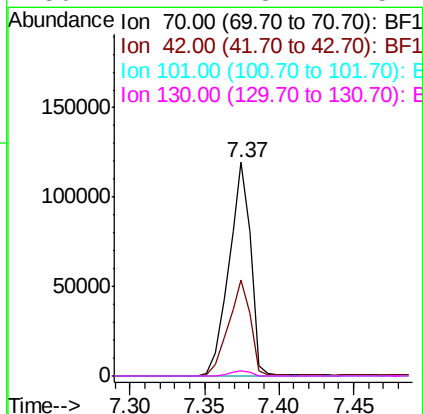
Ion Ratio Lower Upper

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 :

Tot Ion:136 Resp: 635741

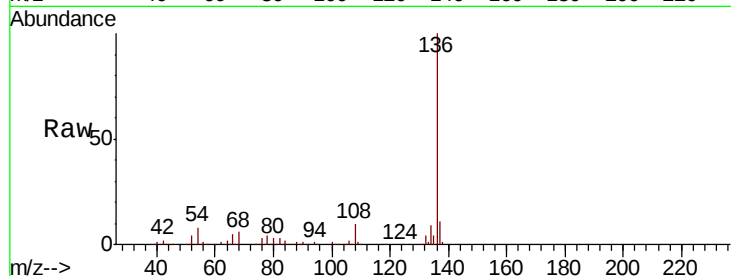
Ion Ratio Lower Upper

136 100

137 11.4 9.3 13.9

54 8.0 6.3 9.5

68 6.1 5.0 7.4

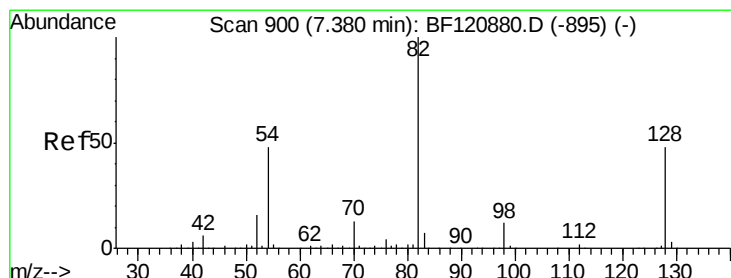
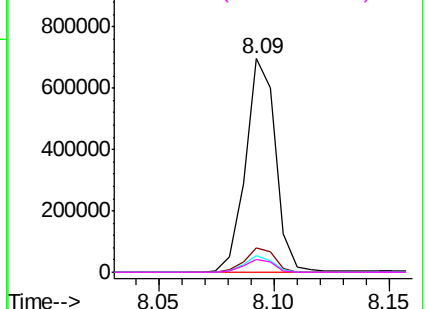
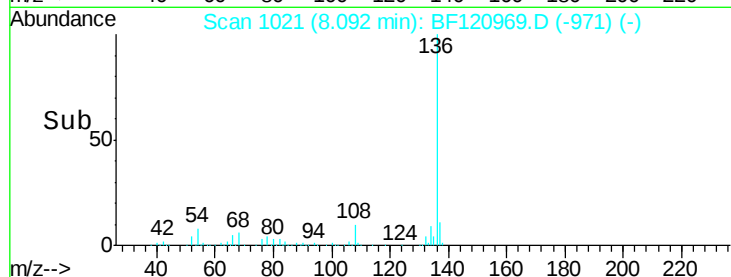


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#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

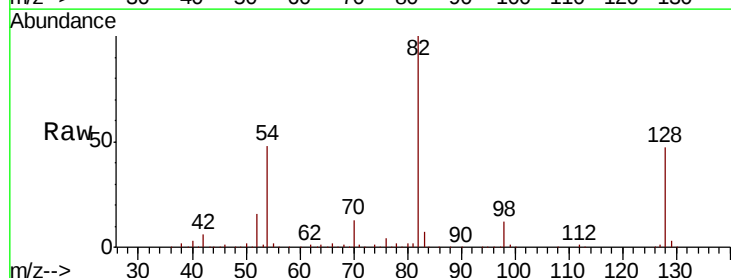
Tgt Ion: 82 Resp: 943178

Ion Ratio Lower Upper

82 100

128 46.8 38.2 57.4

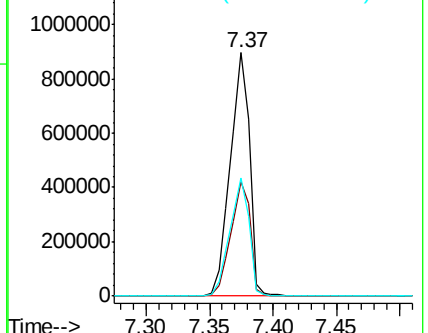
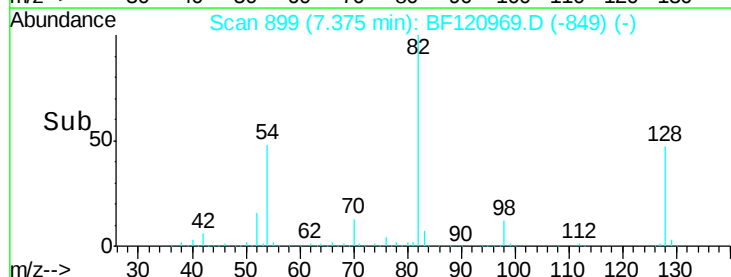
54 48.5 38.7 58.1



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#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 :

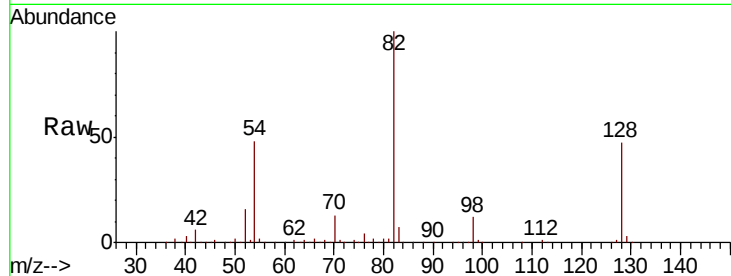
Tot Ion: 82 Resp: 940380

Ion Ratio Lower Upper

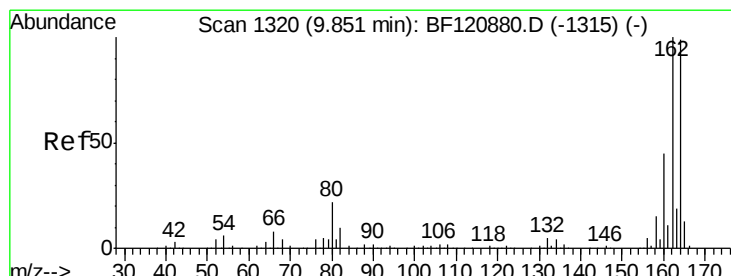
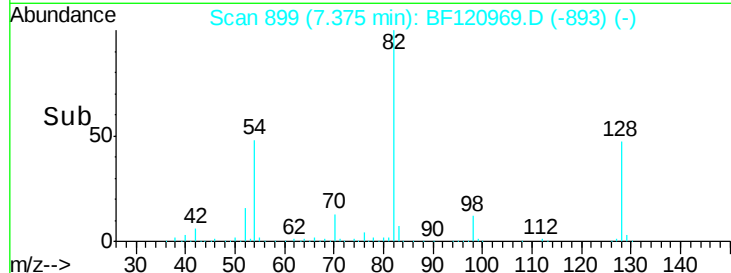
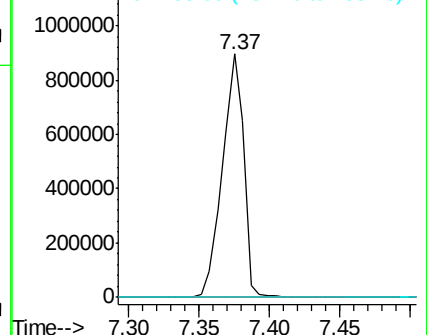
82 100

95 0.0 5.5 8.3#

138 0.0 15.6 23.4#



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1



#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

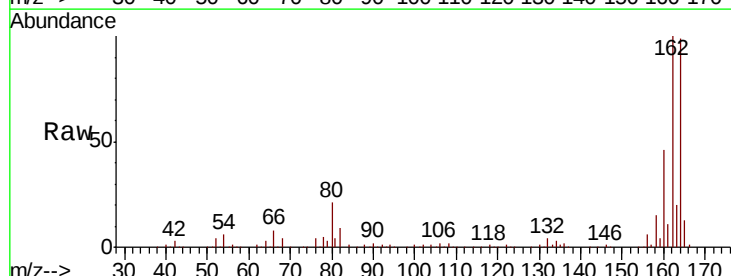
Tgt Ion: 164 Resp: 345051

Ion Ratio Lower Upper

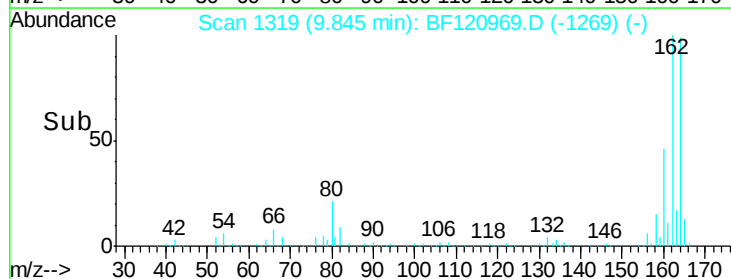
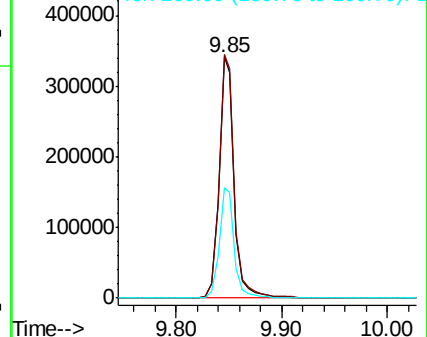
164 100

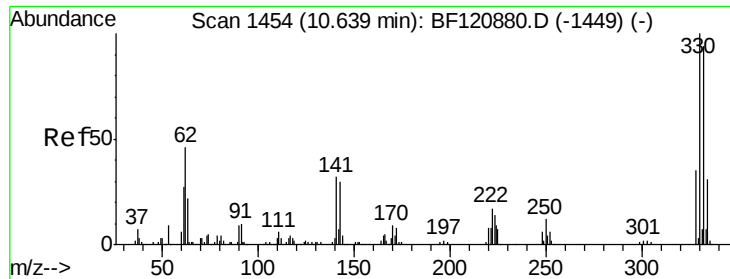
162 101.1 81.2 121.8

160 46.1 36.9 55.3



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

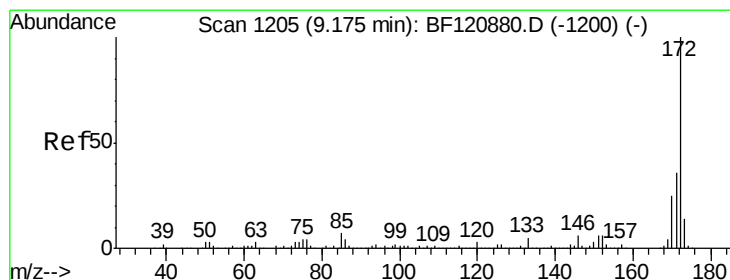
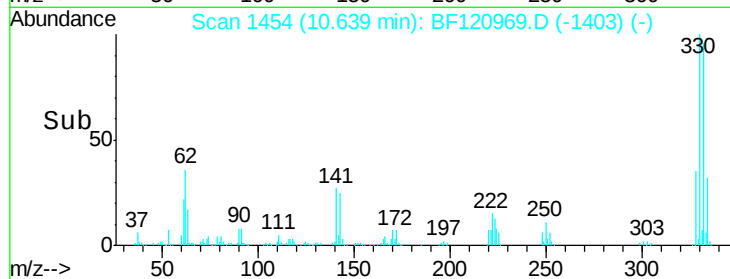
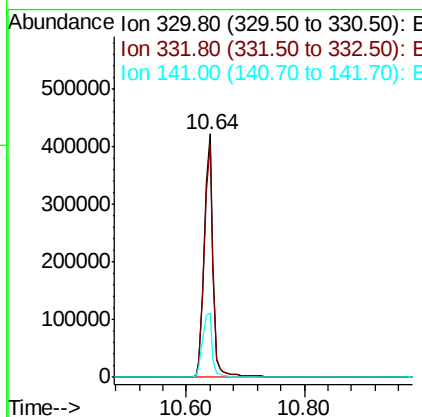
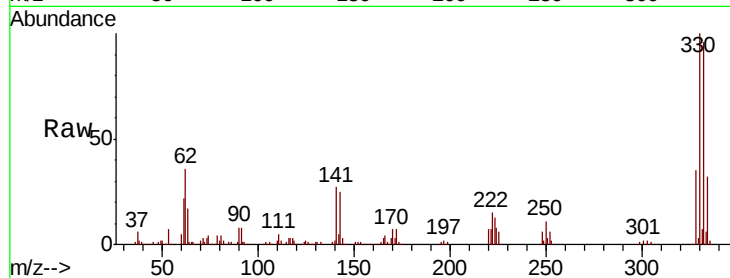




#42
 2,4,6-Tribromophenol
 Concen: 117.029 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. 0.00 min
 Lab File: BF120969.D
 Acq: 22 Jul 2020 17:35

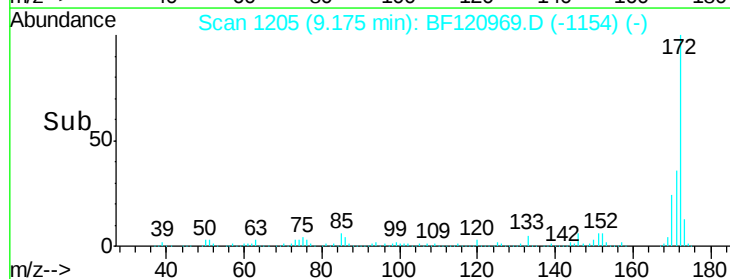
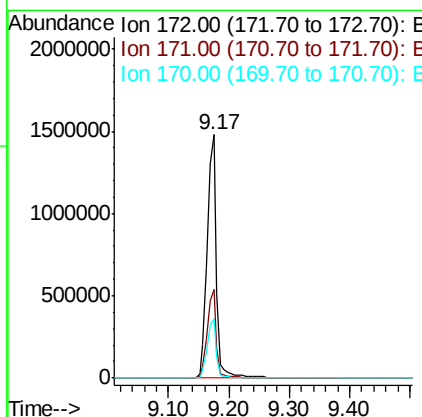
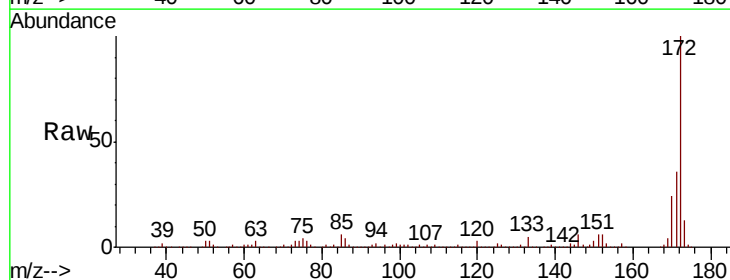
Instrument :
 BNA_F
 ClientSampleId :

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

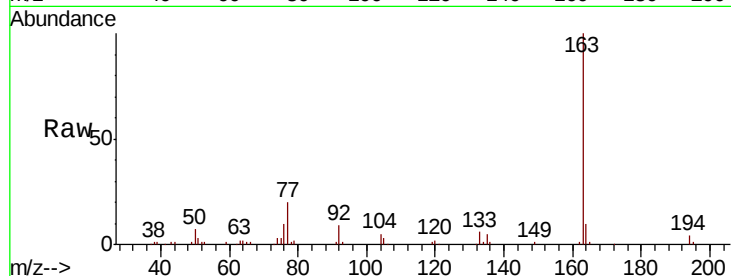




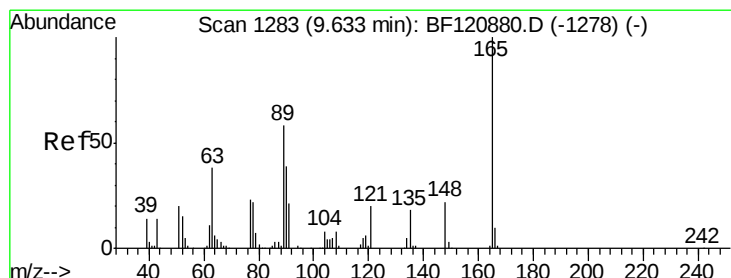
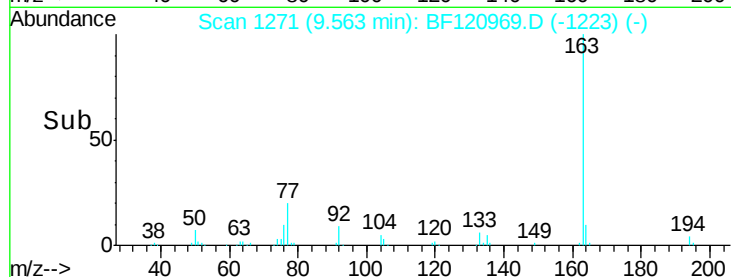
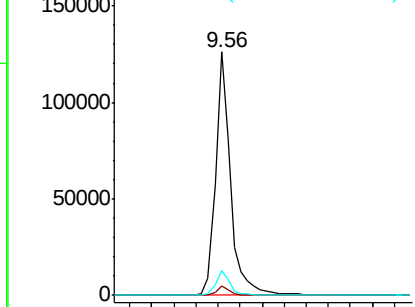
#50
Dimethylphthalate
Concen: 4.739 ng
RT: 9.56 min Scan# 1271
Delta R.T. -0.02 min
Lab File: BF120969.D
Acq: 22 Jul 2020 17:35

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 117962
Ion Ratio Lower Upper
163 100
194 3.7 3.2 4.8
164 10.1 7.9 11.9

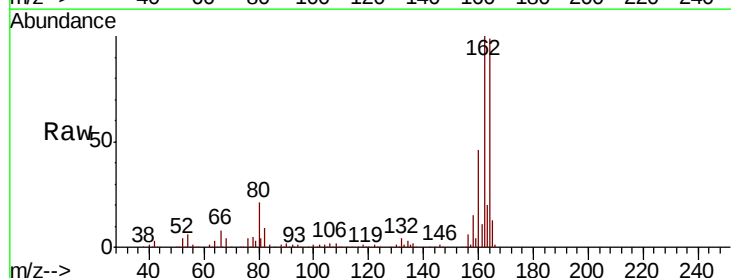


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

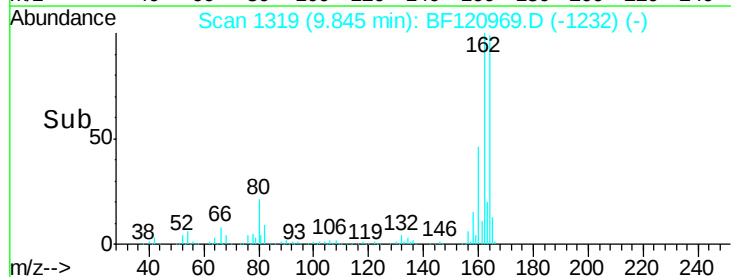
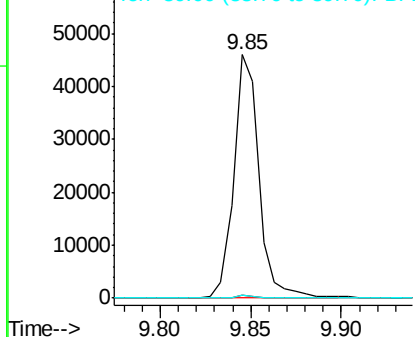


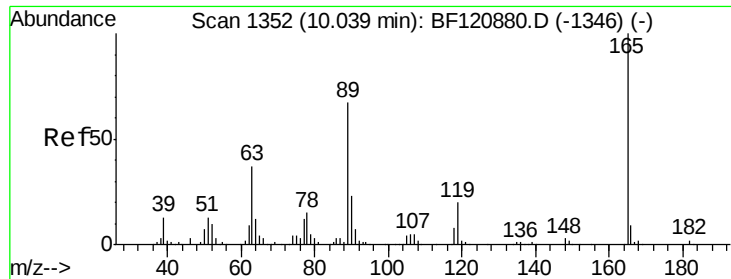
#51
2,6-Dinitrotoluene
Concen: 8.325 ng
RT: 9.85 min Scan# 1319
Delta R.T. 0.21 min
Lab File: BF120969.D
Acq: 22 Jul 2020 17:35

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#



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1

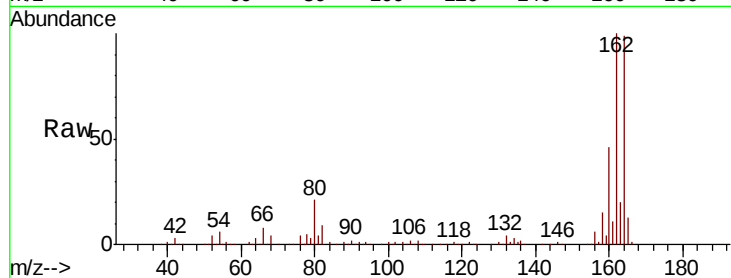




#57
 2,4-Dinitrotoluene
 Concen: 6.360 ng
 RT: 9.85 min Scan# 1319
 Delta R.T. -0.19 min
 Lab File: BF120969.D
 Acq: 22 Jul 2020 17:35

Instrument :
 BNA_F
 ClientSampleId :

Tot 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#

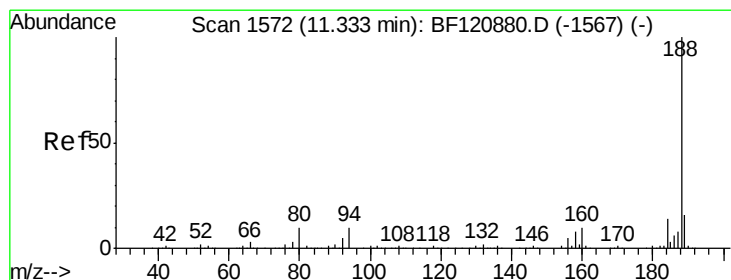
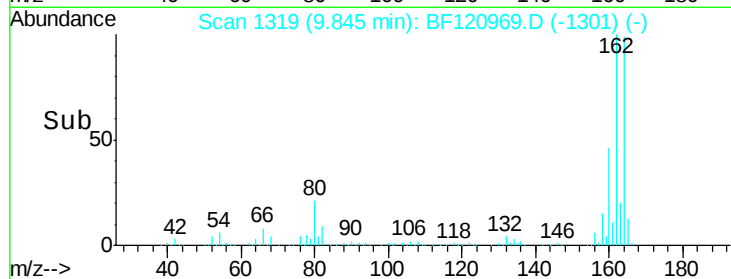
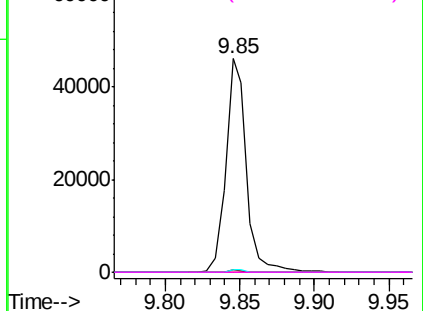


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



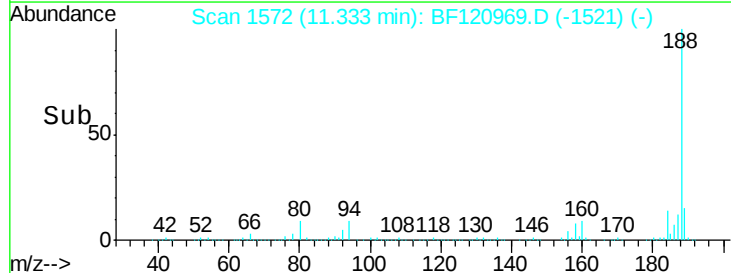
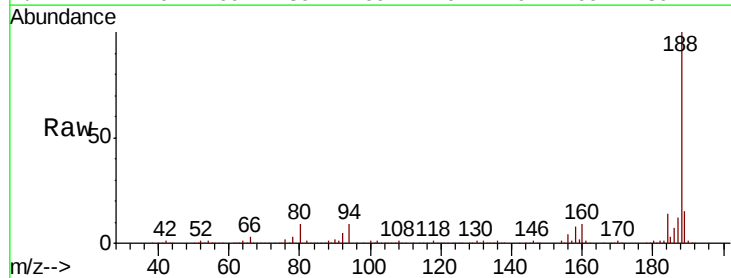
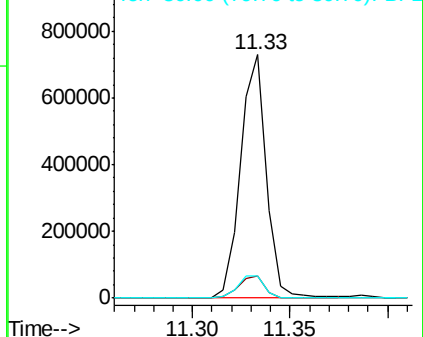
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.33 min Scan# 1572
 Delta R.T. 0.00 min
 Lab File: BF120969.D
 Acq: 22 Jul 2020 17:35

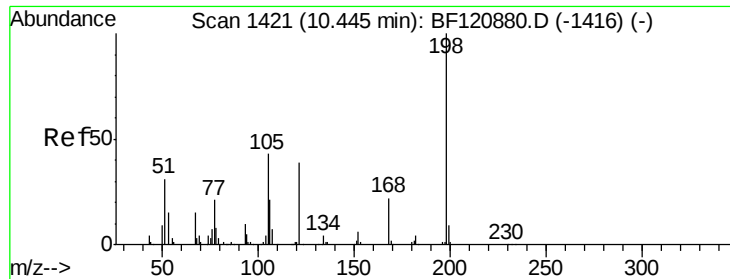
Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.9	8.0	12.0
80	9.3	8.3	12.5

Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

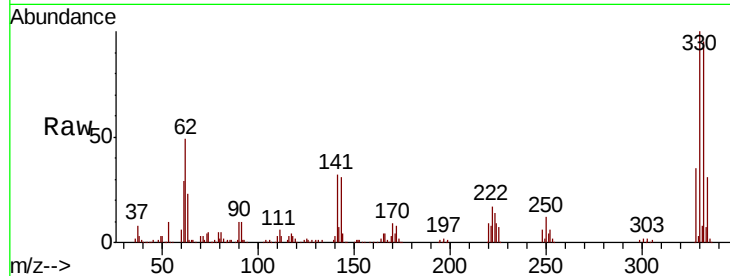




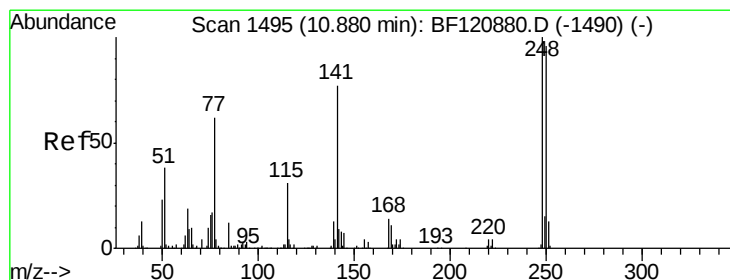
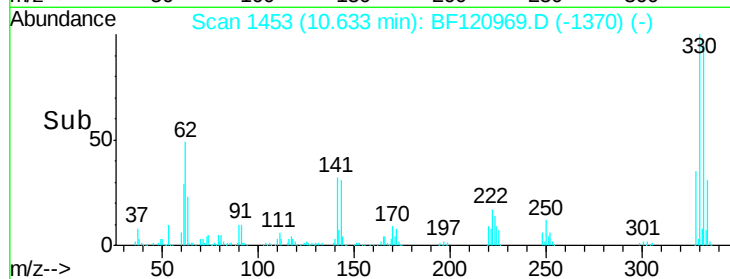
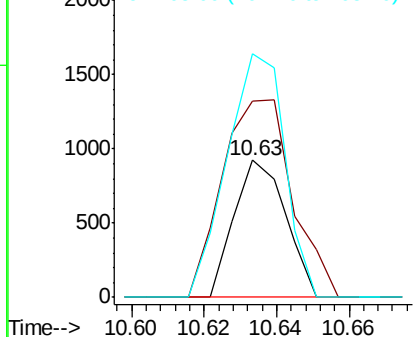
#65
 4,6-Dinitro-2-methylphenol
 Concen: 4.061 ng
 RT: 10.63 min Scan# 1453
 Delta R.T. 0.19 min
 Lab File: BF120969.D
 Acq: 22 Jul 2020 17:35

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:198 Resp: 919
 Ion Ratio Lower Upper
 198 100
 51 143.5 19.5 59.5#
 105 177.5 24.4 64.4#

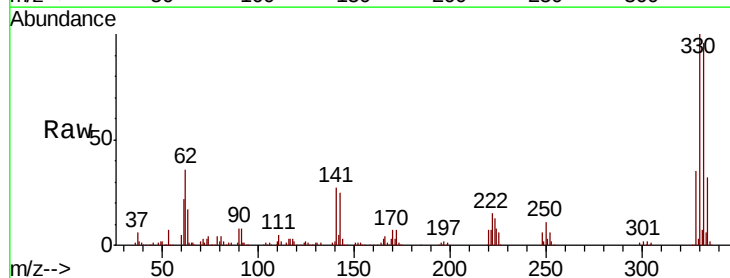


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

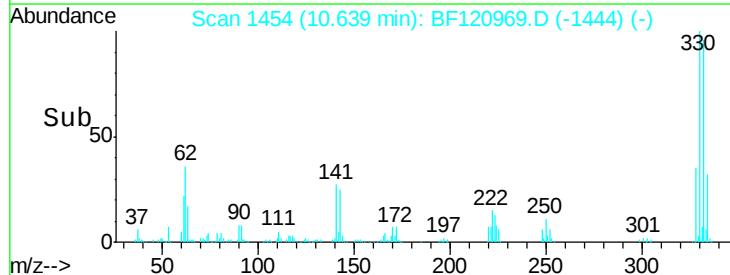
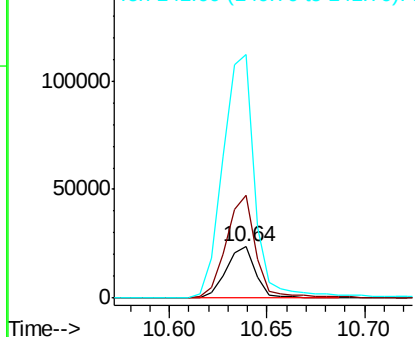


#67
 4-Bromophenyl-phenylether
 Concen: 3.321 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. -0.24 min
 Lab File: BF120969.D
 Acq: 22 Jul 2020 17:35

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#



Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E





#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 :

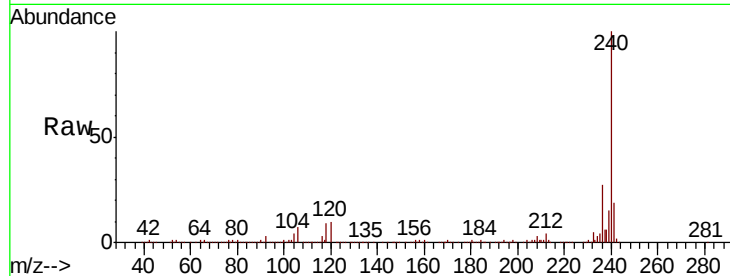
Tot Ion:240 Resp: 564428

Ion Ratio Lower Upper

240 100

120 9.8 9.0 13.4

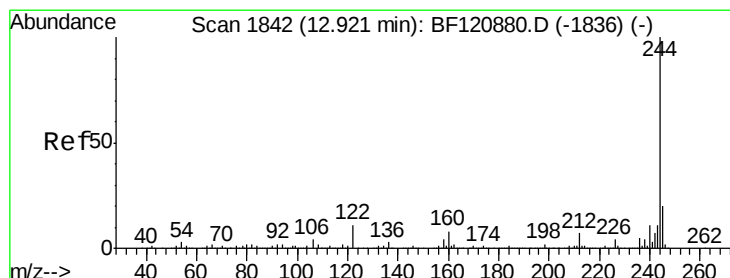
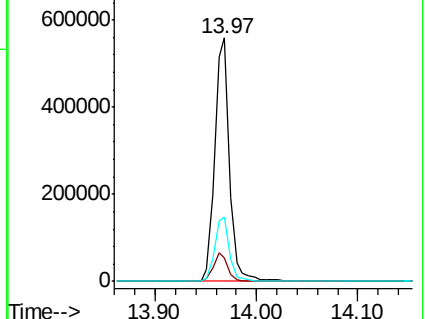
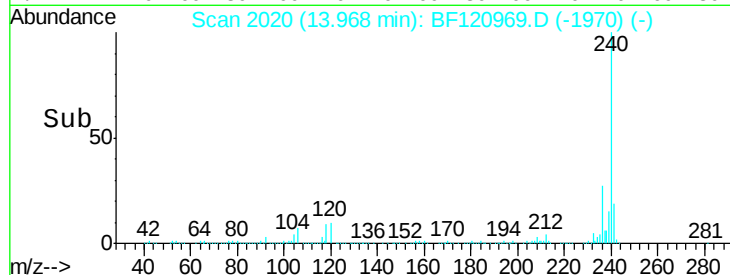
236 26.5 21.7 32.5



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#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

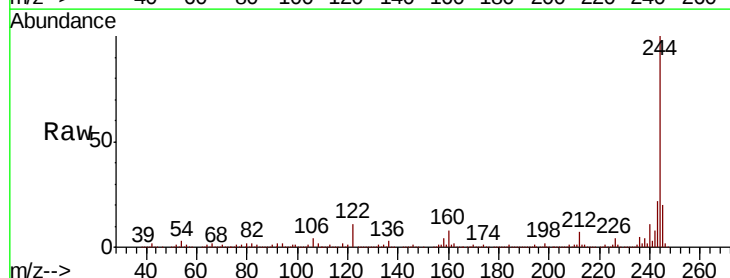
Tgt Ion:244 Resp: 1812847

Ion Ratio Lower Upper

244 100

212 7.1 5.6 8.4

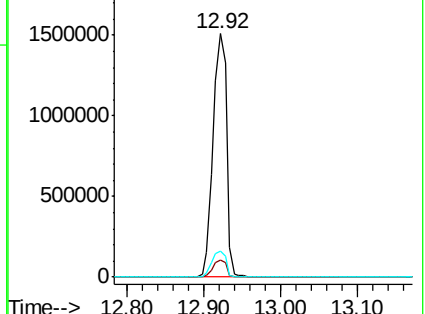
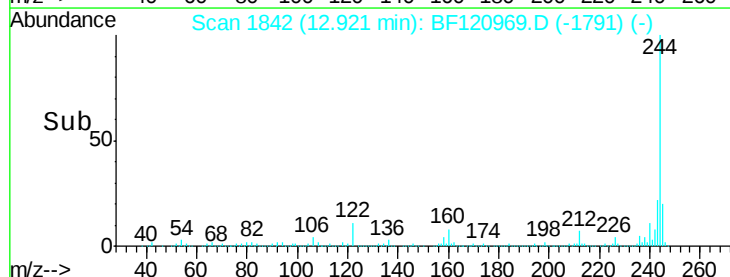
122 10.7 8.9 13.3

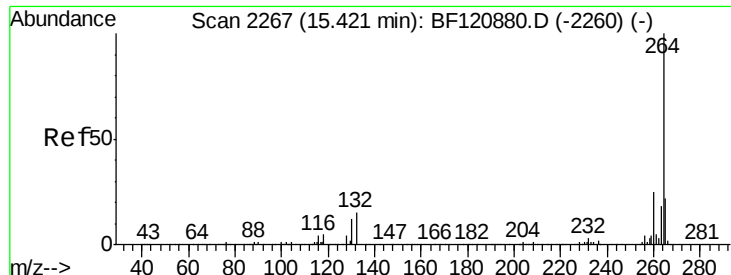


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

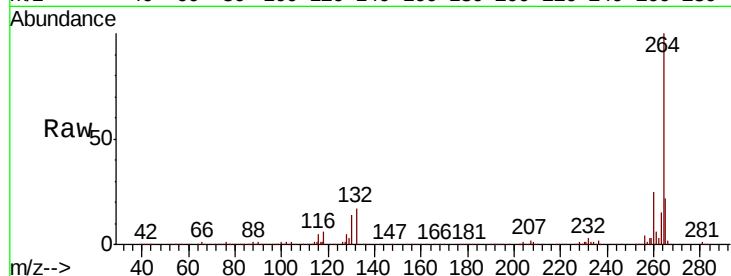




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.41 min Scan# 2265
Delta R.T. -0.01 min
Lab File: BF120969.D
Acq: 22 Jul 2020 17:35

Instrument :
BNA_F
ClientSampleId :

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



Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

