

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072220\
 Data File : BF120974.D
 Acq On : 22 Jul 2020 20:11
 Operator : JU/CG
 Sample : L3368-02
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 23 00:56:07 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

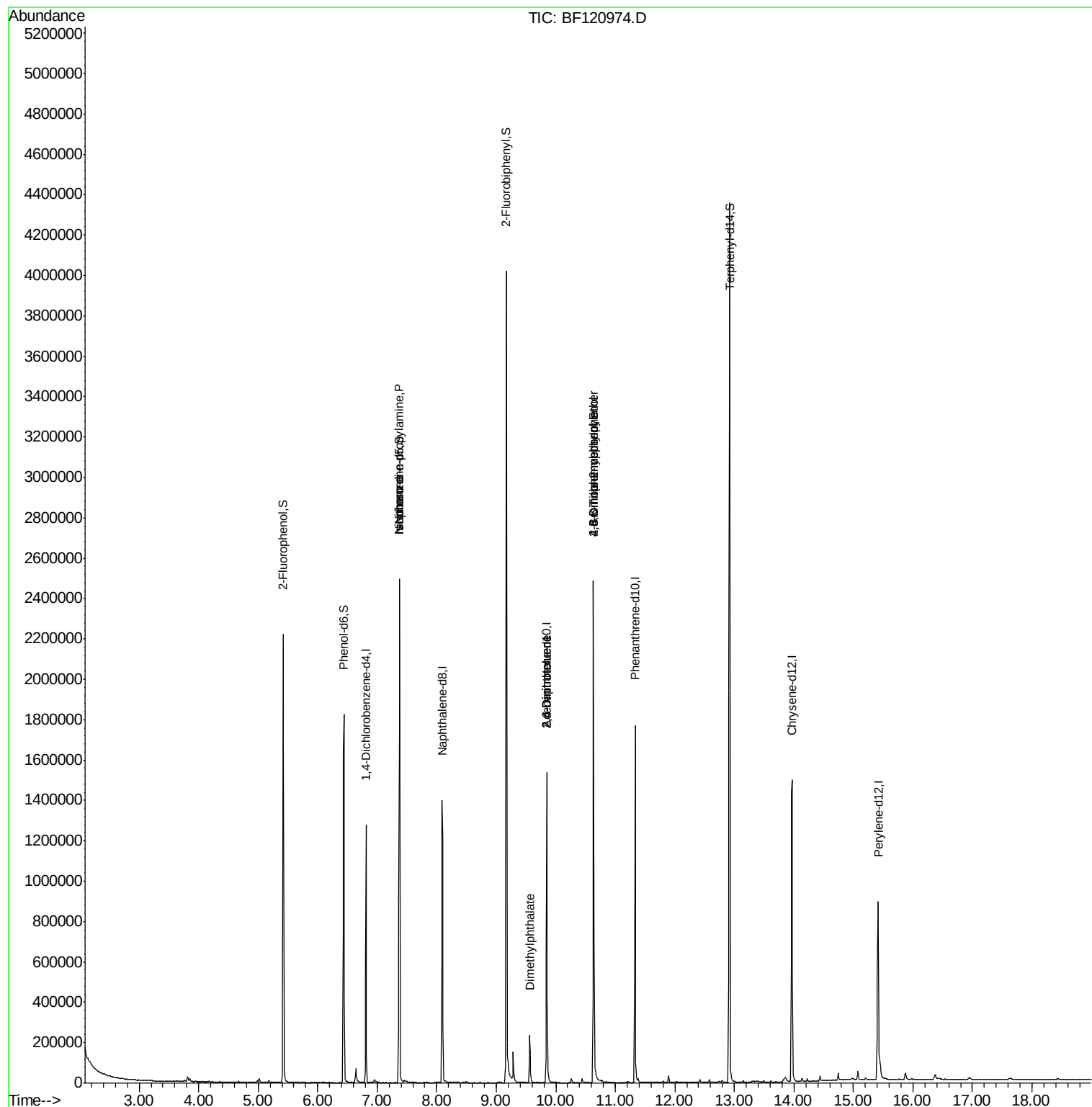
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	175640	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	657229	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	360396	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	692806	20.00	ng	0.00
76) Chrysene-d12	13.97	240	581233	20.00	ng	0.00
86) Perylene-d12	15.42	264	499223	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	659914	61.59	ng	0.00
7) Phenol-d6	6.44	99	651337	47.06	ng	0.00
23) Nitrobenzene-d5	7.37	82	910511	80.16	ng	0.00
42) 2,4,6-Tribromophenol	10.64	330	400355	101.49	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	1589875	65.87	ng	0.00
79) Terphenyl-d14	12.92	244	1697133	63.47	ng	0.00
Target Compounds						
9) Benzaldehyde	6.44	77	899	Below Cal	Qvalue	# 1
19) n-Nitroso-di-n-propylamine	7.37	70	120413	15.301 ng	#	77
25) Isophorone	7.37	82	910504	40.166 ng	#	63
50) Dimethylphthalate	9.56	163	106914	4.112 ng		100
51) 2,6-Dinitrotoluene	9.85	165	45646	8.172 ng	#	24
57) 2,4-Dinitrotoluene	9.85	165	45646	6.223 ng	#	27
65) 4,6-Dinitro-2-methylphenol	10.63	198	735	4.011 ng	#	1
67) 4-Bromophenyl-phenylether	10.64	248	22989	2.976 ng	#	1

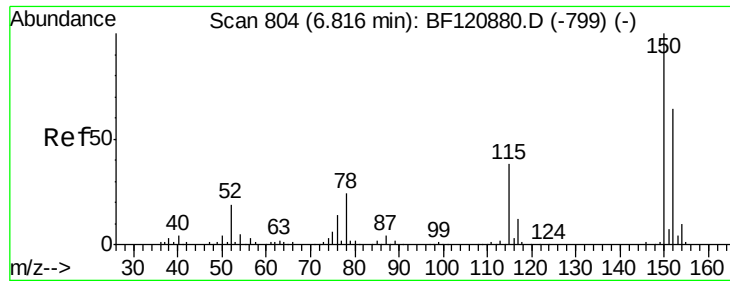
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072220\
Data File : BF120974.D
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Misc :
ALS Vial : 14 Sample Multiplier: 1

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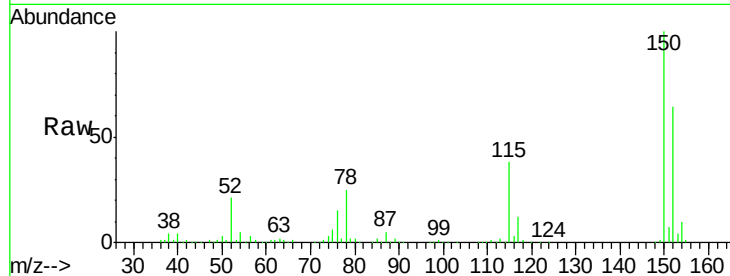


#1

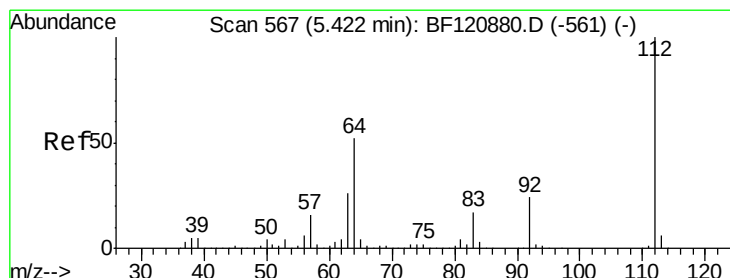
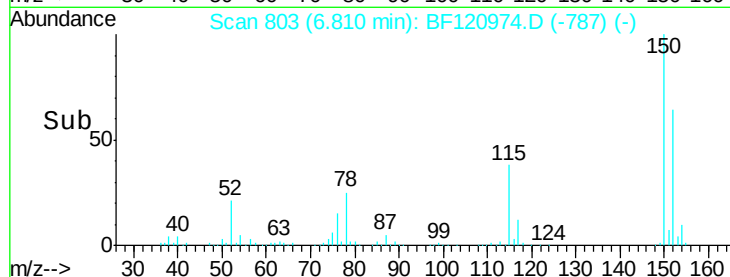
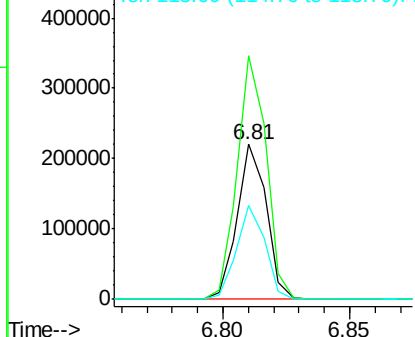
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. -0.01 min
Lab File: BF120974.D
Acq: 22 Jul 2020 20:11

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 175640
Ion Ratio Lower Upper
152 100
150 157.0 125.0 187.6
115 60.2 47.0 70.4



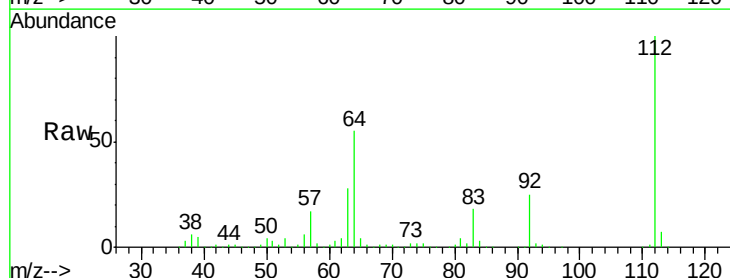
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



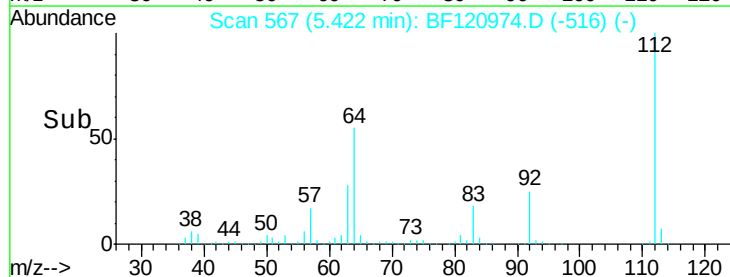
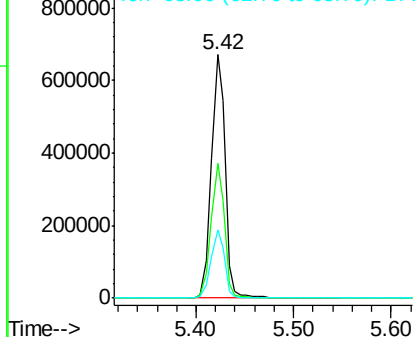
#5

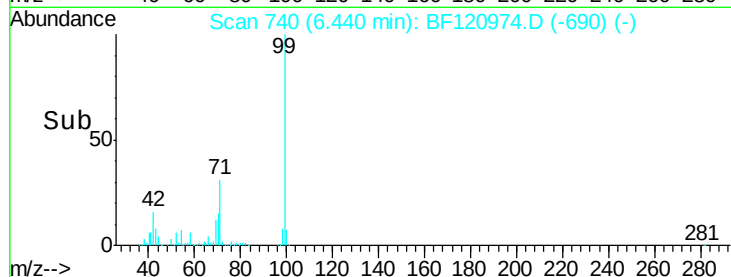
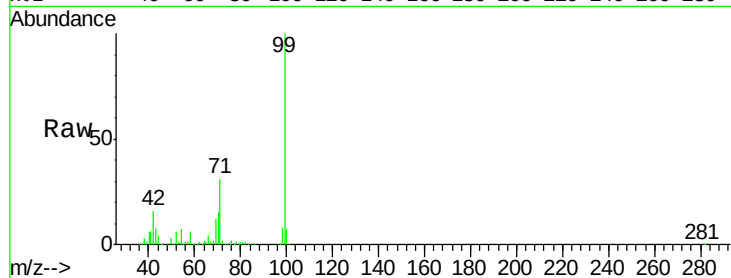
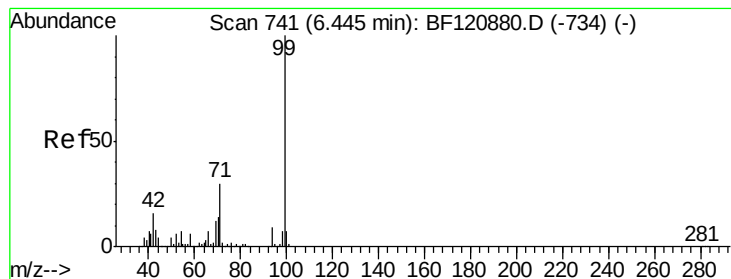
2-Fluorophenol
Concen: 61.594 ng
RT: 5.42 min Scan# 567
Delta R.T. 0.00 min
Lab File: BF120974.D
Acq: 22 Jul 2020 20:11

Tgt Ion:112 Resp: 659914
Ion Ratio Lower Upper
112 100
64 55.5 41.3 61.9
63 28.3 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: 47.063 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.01 min

Lab File: BF120974.D

Acq: 22 Jul 2020 20:11

Instrument :

BNA_F

ClientSampleId :

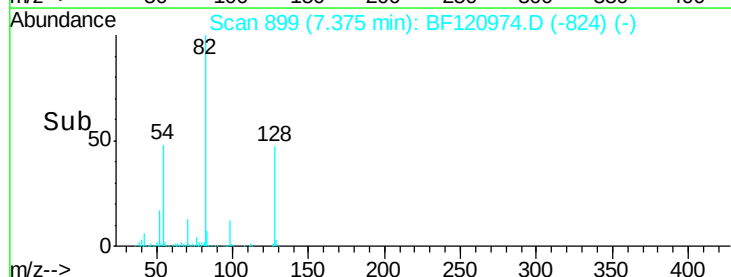
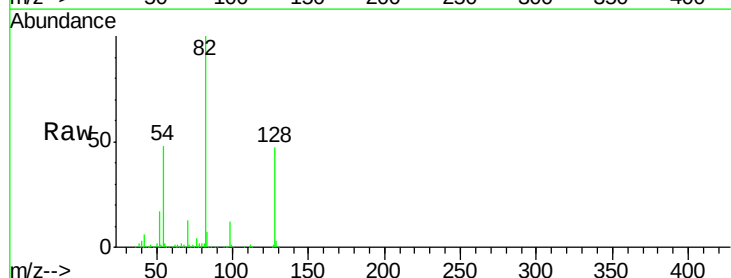
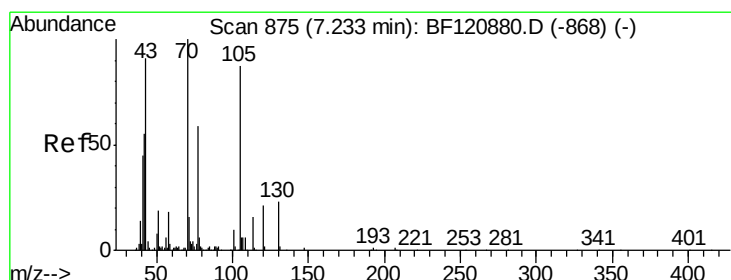
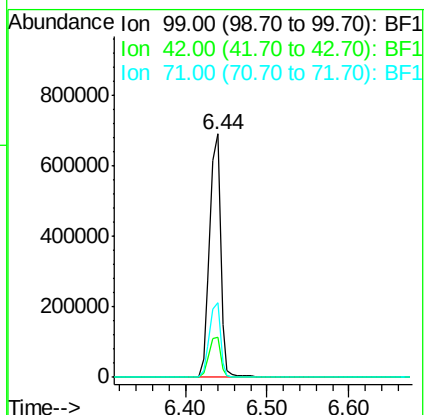
Tot Ion: 99 Resp: 651337

Ion Ratio Lower Upper

99 100

42 16.5 13.1 19.7

71 30.6 24.2 36.4



#19

n-Nitroso-di-n-propylamine

Concen: 15.301 ng

RT: 7.37 min Scan# 899

Delta R.T. 0.14 min

Lab File: BF120974.D

Acq: 22 Jul 2020 20:11

Tgt Ion: 70 Resp: 120413

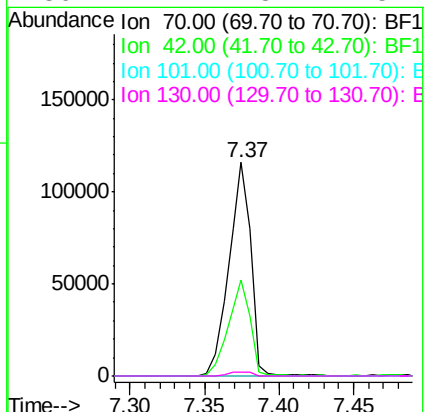
Ion Ratio Lower Upper

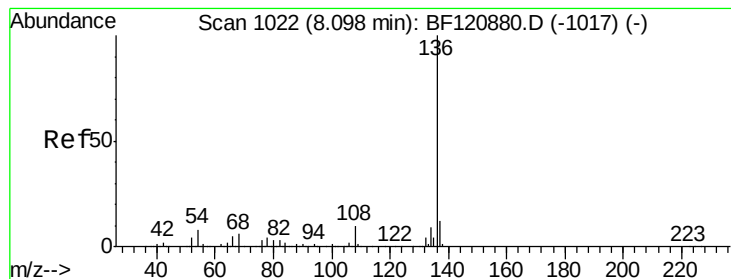
70 100

42 44.9 44.0 66.0

101 0.0 7.8 11.6#

130 2.1 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: BF120974.D

Acq: 22 Jul 2020 20:11

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 657229

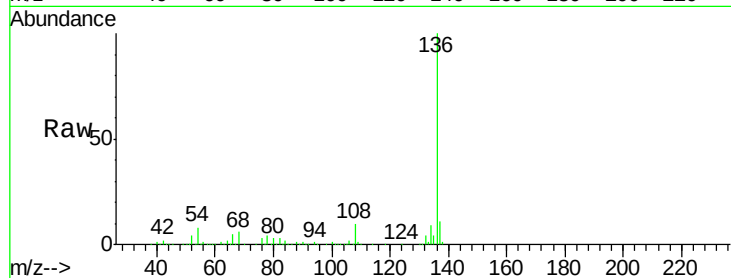
Ion Ratio Lower Upper

136 100

137 11.2 9.3 13.9

54 7.8 6.3 9.5

68 6.0 5.0 7.4

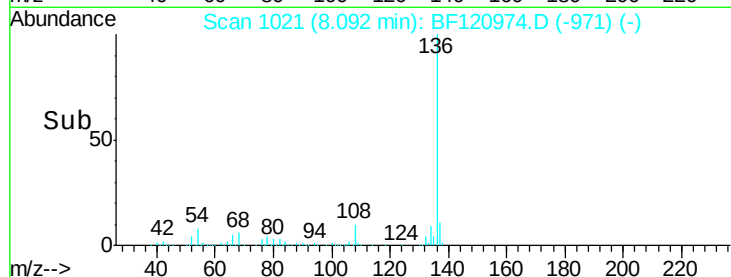


Abundance Ion 136.00 (135.70 to 136.70): E

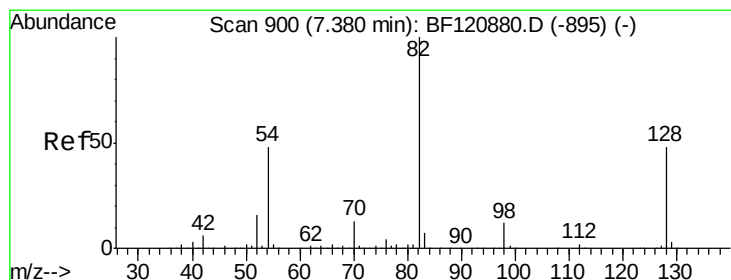
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



Time-->



#23

Nitrobenzene-d5

Concen: 80.162 ng

RT: 7.37 min Scan# 899

Delta R.T. -0.01 min

Lab File: BF120974.D

Acq: 22 Jul 2020 20:11

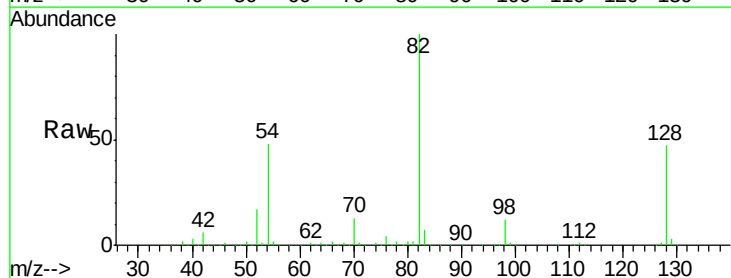
Tgt Ion: 82 Resp: 910511

Ion Ratio Lower Upper

82 100

128 47.5 38.2 57.4

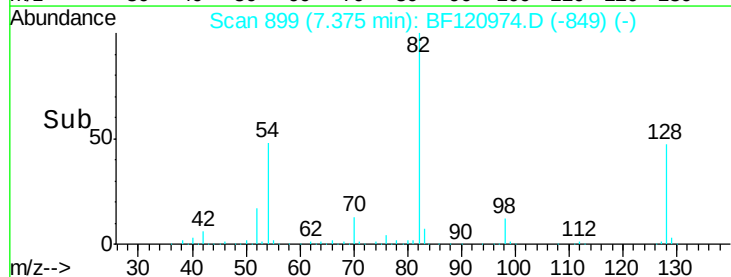
54 48.0 38.7 58.1



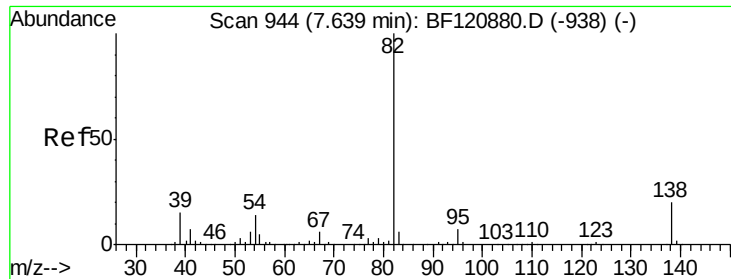
Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1



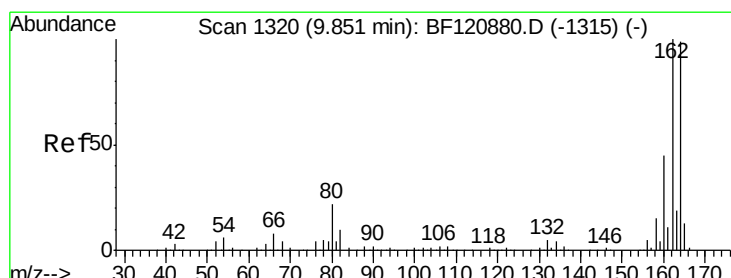
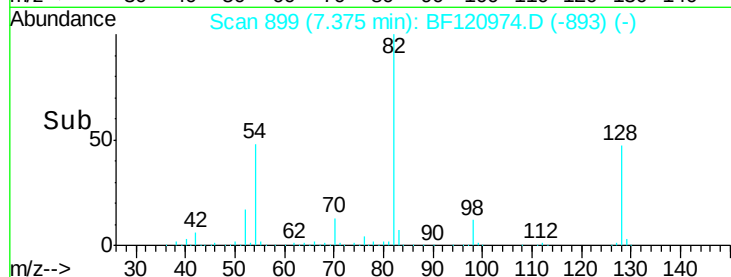
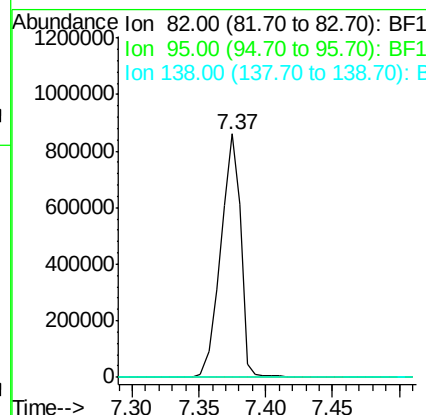
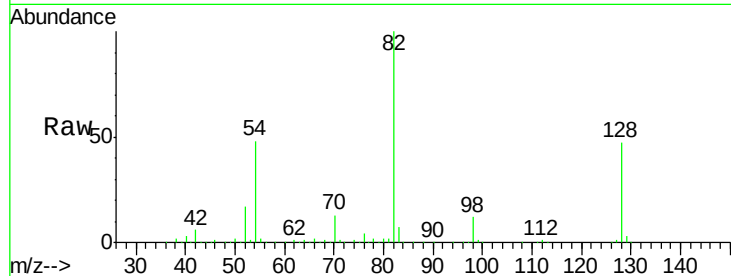
Time-->



#25
Isophorone
Concen: 40.166 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.26 min
Lab File: BF120974.D
Acq: 22 Jul 2020 20:11

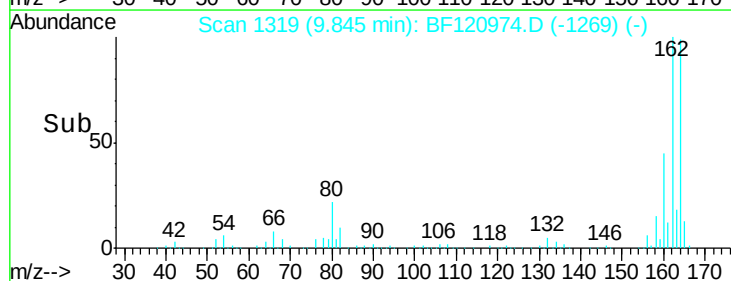
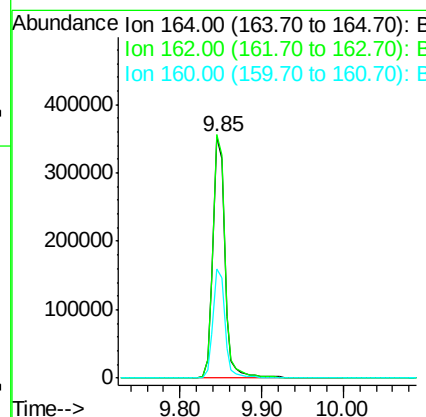
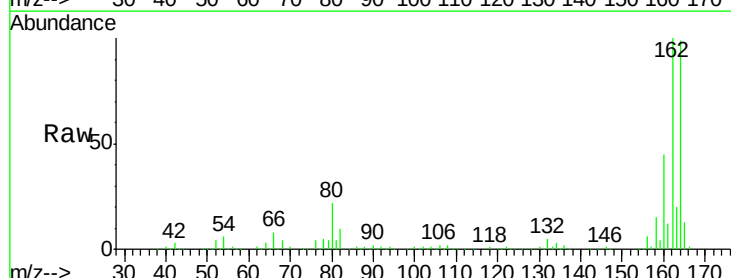
Instrument :
BNA_F
ClientSampled :

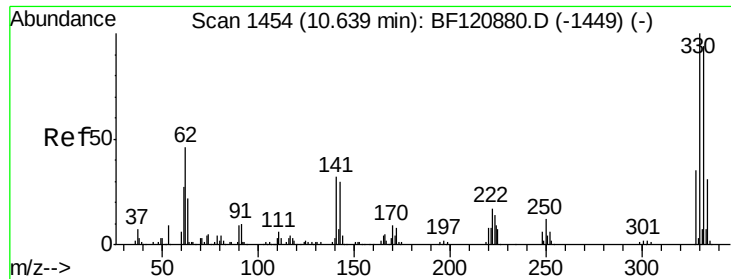
Tot Ion: 82 Resp: 910504
Ion Ratio Lower Upper
82 100
95 0.0 5.5 8.3#
138 0.0 15.6 23.4#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1319
Delta R.T. -0.01 min
Lab File: BF120974.D
Acq: 22 Jul 2020 20:11

Tgt Ion:164 Resp: 360396
Ion Ratio Lower Upper
164 100
162 100.9 81.2 121.8
160 45.0 36.9 55.3

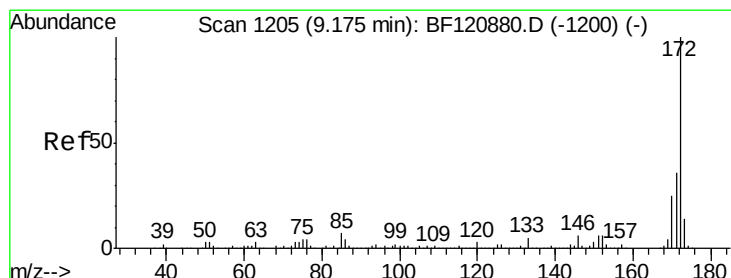
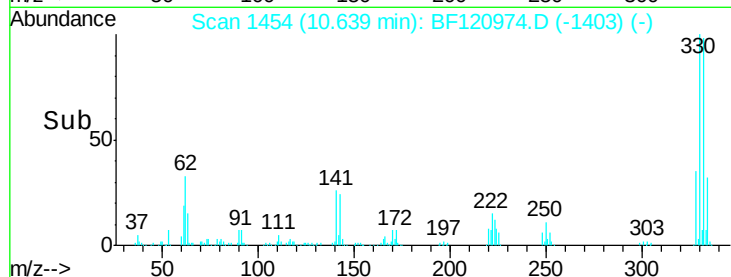
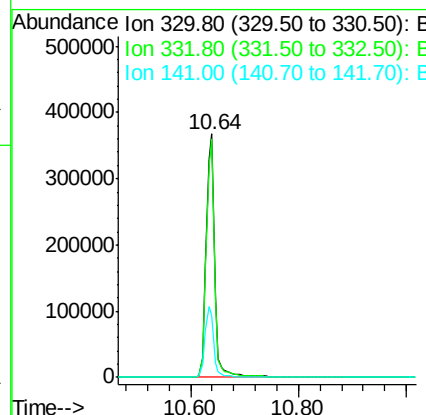
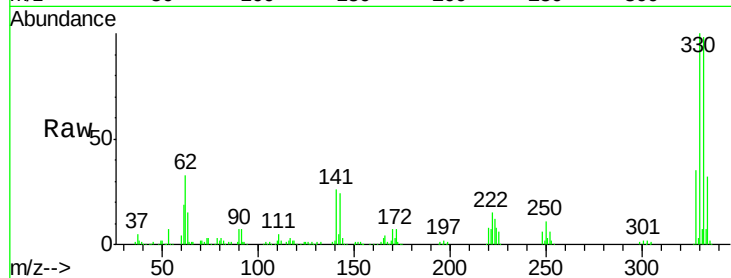




#42
 2,4,6-Tribromophenol
 Concen: 101.487 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. 0.00 min
 Lab File: BF120974.D
 Acq: 22 Jul 2020 20:11

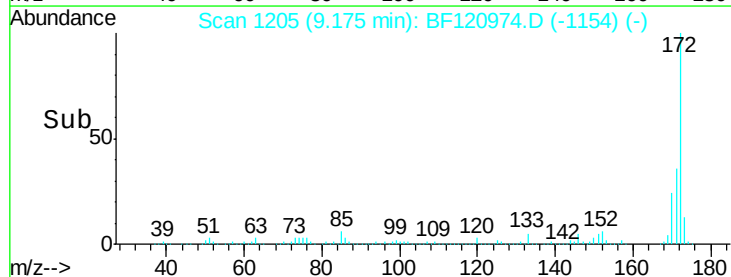
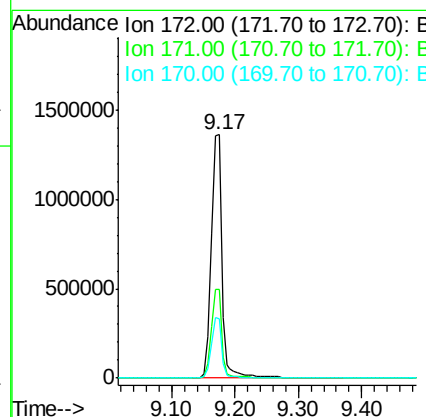
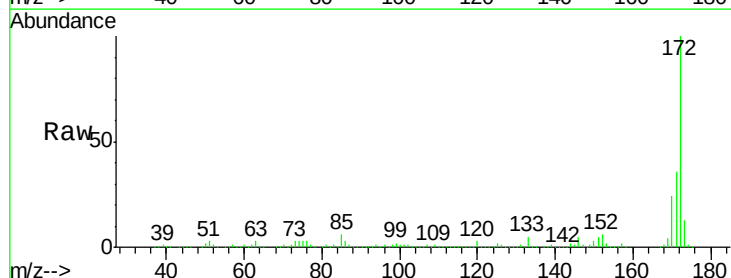
Instrument :
 BNA_F
 ClientSampleId :

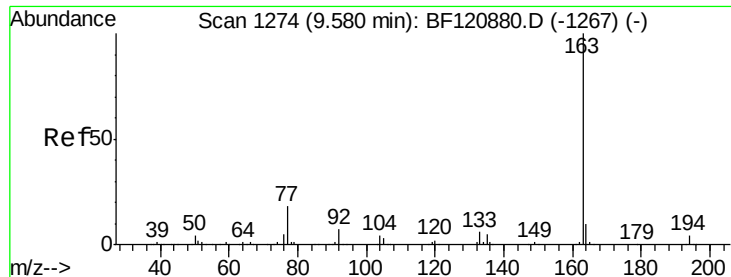
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.8	75.5	113.3
141	30.8	25.7	38.5



#45
 2-Fluorobiphenyl
 Concen: 65.865 ng
 RT: 9.17 min Scan# 1205
 Delta R.T. 0.00 min
 Lab File: BF120974.D
 Acq: 22 Jul 2020 20:11

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





#50

Dimethylphthalate

Concen: 4.112 ng

RT: 9.56 min Scan# 1271

Delta R.T. -0.02 min

Lab File: BF120974.D

Acq: 22 Jul 2020 20:11

Instrument :

BNA_F

ClientSampled :

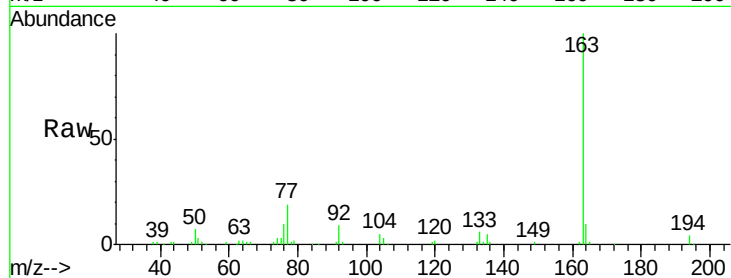
Tot Ion:163 Resp: 106914

Ion Ratio Lower Upper

163 100

194 3.7 3.2 4.8

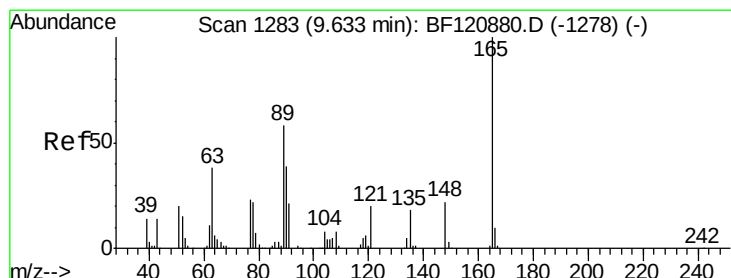
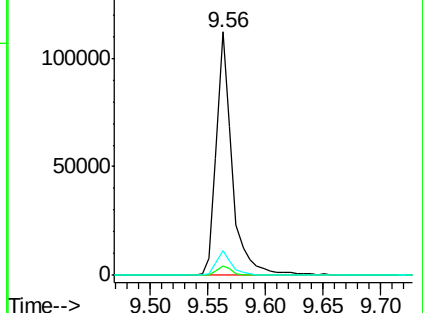
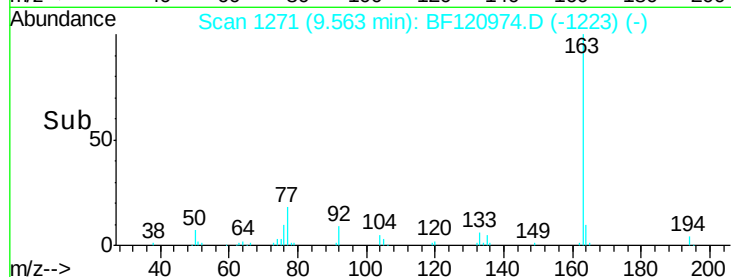
164 9.9 7.9 11.9



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: 8.172 ng

RT: 9.85 min Scan# 1319

Delta R.T. 0.21 min

Lab File: BF120974.D

Acq: 22 Jul 2020 20:11

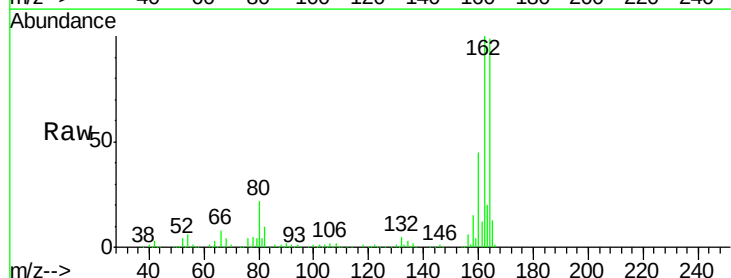
Tgt Ion:165 Resp: 45646

Ion Ratio Lower Upper

165 100

63 1.2 45.4 68.2#

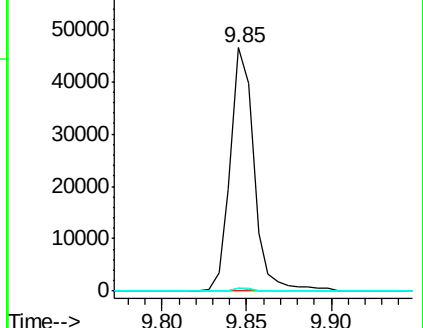
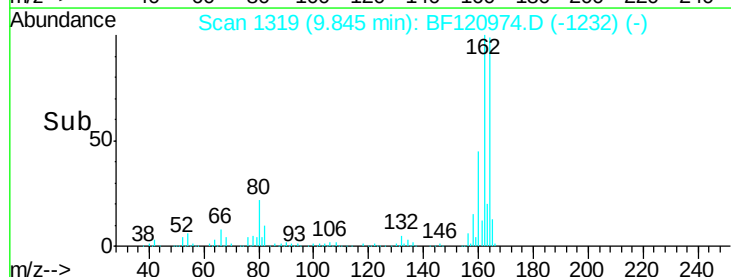
89 1.1 47.0 70.4#

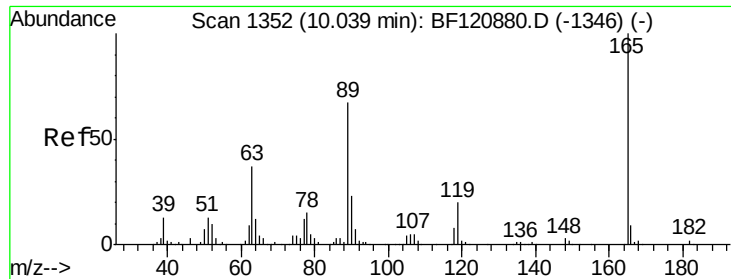


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

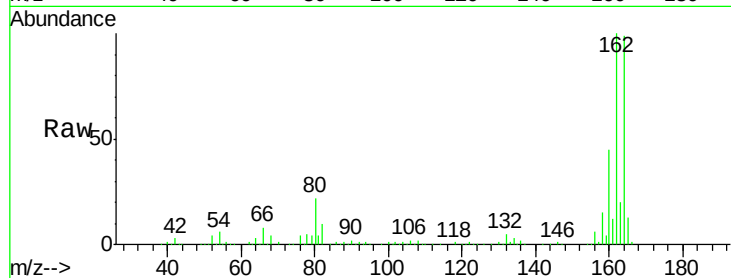




#57
 2,4-Dinitrotoluene
 Concen: 6.223 ng
 RT: 9.85 min Scan# 1319
 Delta R.T. -0.19 min
 Lab File: BF120974.D
 Acq: 22 Jul 2020 20:11

Instrument :
 BNA_F
 ClientSampleId :

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

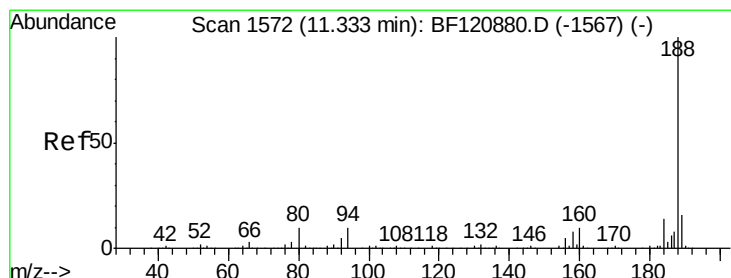
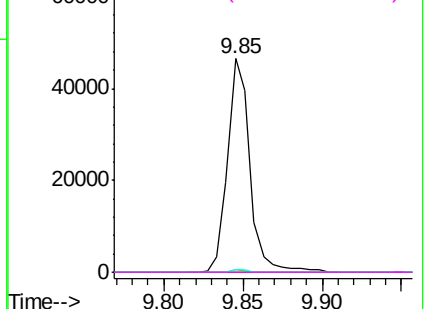
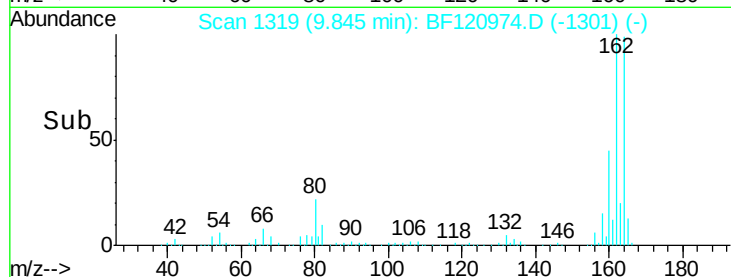


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

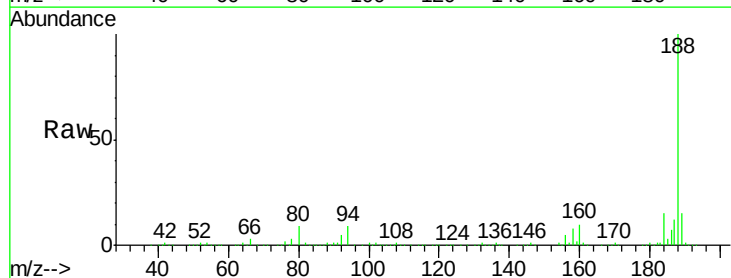
Ion 89.00 (88.70 to 89.70): BF1

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: BF120974.D
 Acq: 22 Jul 2020 20:11

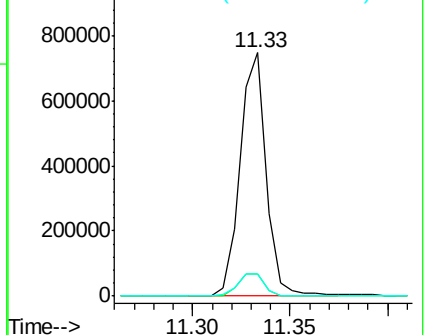
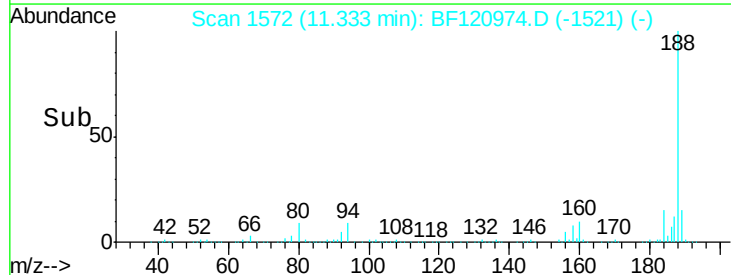
Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.9	8.0	12.0
80	9.0	8.3	12.5

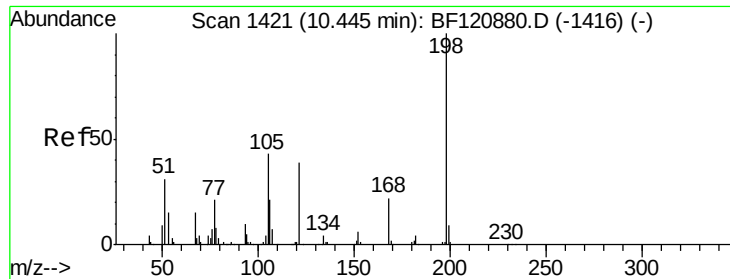


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

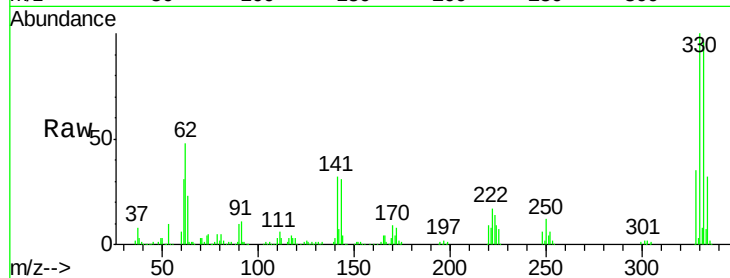




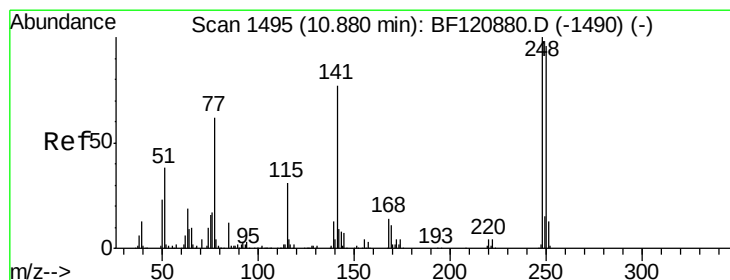
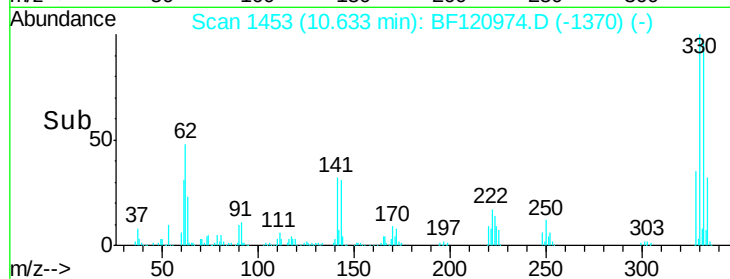
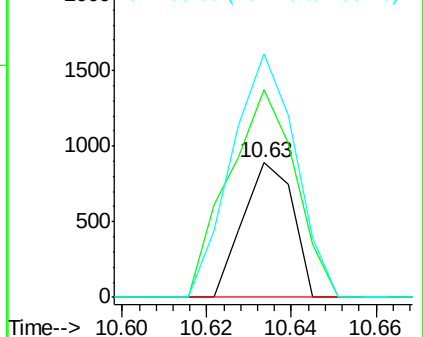
#65
 4,6-Dinitro-2-methylphenol
 Concen: 4.011 ng
 RT: 10.63 min Scan# 1453
 Delta R.T. 0.19 min
 Lab File: BF120974.D
 Acq: 22 Jul 2020 20:11

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:198 Resp: 735
 Ion Ratio Lower Upper
 198 100
 51 154.9 19.5 59.5#
 105 181.0 24.4 64.4#

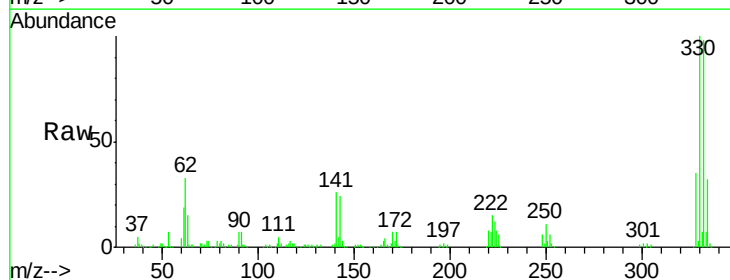


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

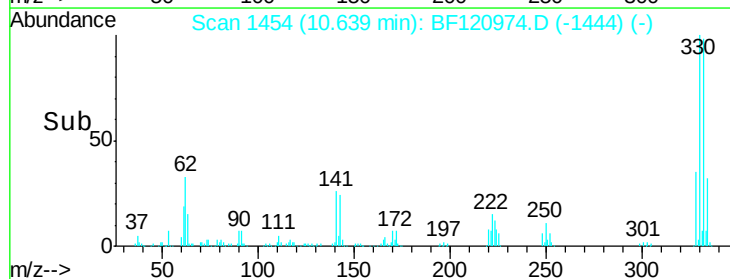
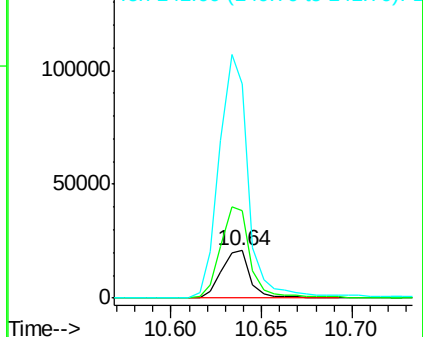


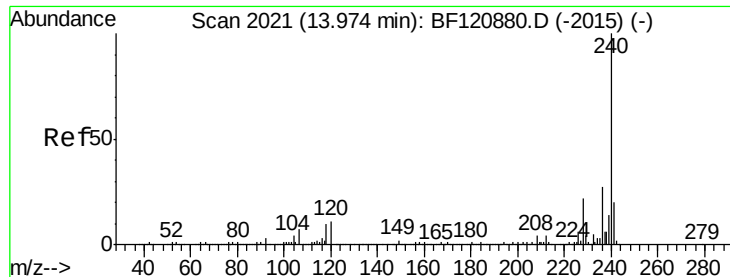
#67
 4-Bromophenyl-phenylether
 Concen: 2.976 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. -0.24 min
 Lab File: BF120974.D
 Acq: 22 Jul 2020 20:11

Tgt Ion:248 Resp: 22989
 Ion Ratio Lower Upper
 248 100
 250 185.4 77.1 115.7#
 141 452.7 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: BF120974.D

Acq: 22 Jul 2020 20:11

Instrument :

BNA_F

ClientSampleId :

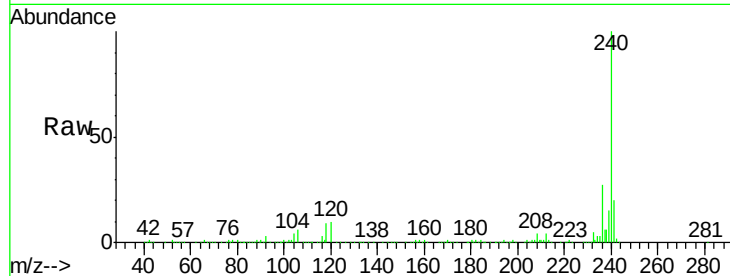
Tot Ion:240 Resp: 581233

Ion Ratio Lower Upper

240 100

120 10.4 9.0 13.4

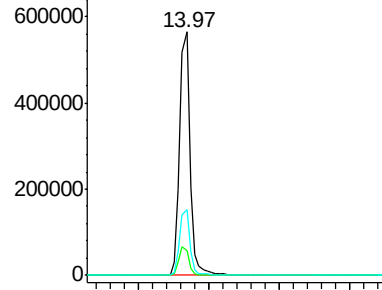
236 26.9 21.7 32.5



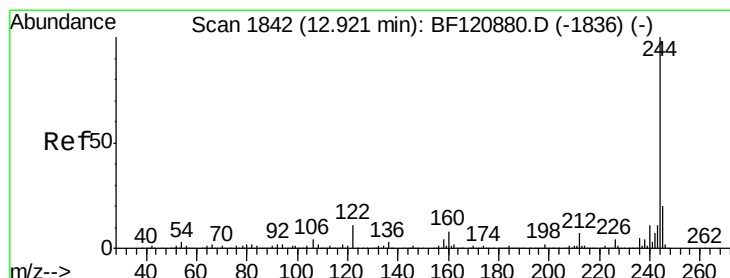
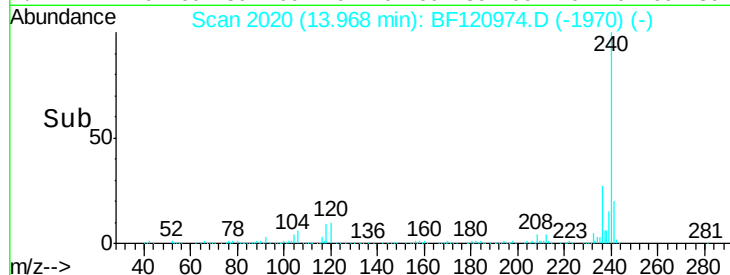
Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time-->



#79

Terphenyl-d14

Concen: 63.472 ng

RT: 12.92 min Scan# 1842

Delta R.T. 0.00 min

Lab File: BF120974.D

Acq: 22 Jul 2020 20:11

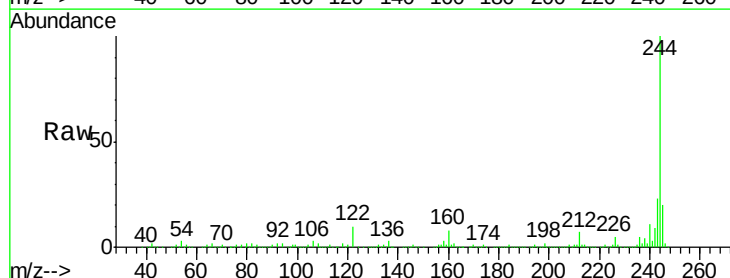
Tgt Ion:244 Resp: 1697133

Ion Ratio Lower Upper

244 100

212 7.2 5.6 8.4

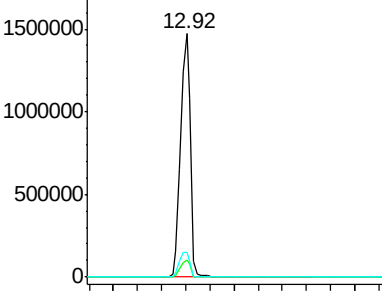
122 10.2 8.9 13.3



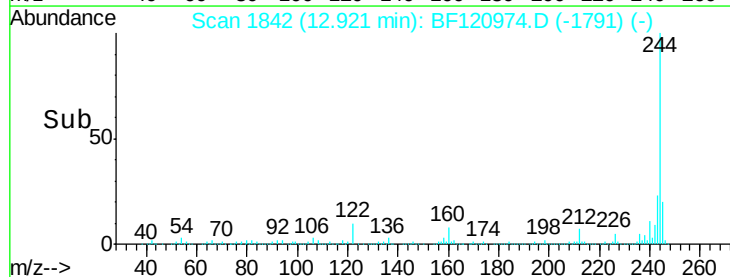
Abundance Ion 244.00 (243.70 to 244.70): E

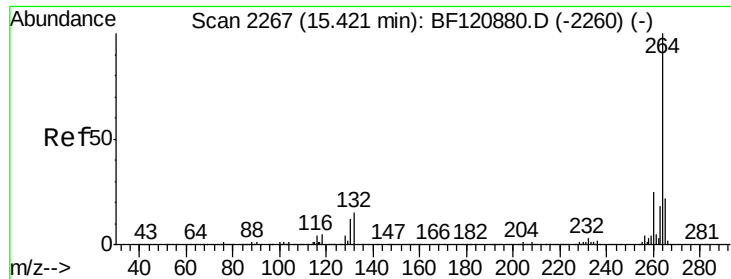
Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



Time-->

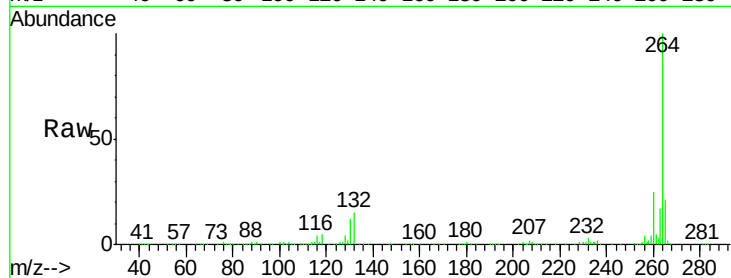




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.42 min Scan# 2266
Delta R.T. -0.01 min
Lab File: BF120974.D
Acq: 22 Jul 2020 20:11

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	264	Resp:	499223
Ion	Ratio	Lower	Upper
264	100		
260	25.1	20.0	30.0
265	20.9	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

