

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072020\
 Data File : BF120935.D
 Acq On : 20 Jul 2020 16:09
 Operator : JU/CG
 Sample : L3344-07
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-14-S

Quant Time: Jul 20 16:39:21 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	6.82	152	185925	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	715970	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	379402	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	747879	20.00	ng	0.00
76) Chrysene-d12	13.97	240	685097	20.00	ng	0.00
86) Perylene-d12	15.42	264	641028	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.43	112	772148	68.08	ng	0.00
7) Phenol-d6	6.44	99	951670	64.96	ng	0.00
23) Nitrobenzene-d5	7.37	82	594973	48.08	ng	0.00
42) 2,4,6-Tribromophenol	10.64	330	295493	71.15	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	1152739	45.36	ng	0.00
79) Terphenyl-d14	12.92	244	1279089	40.58	ng	0.00

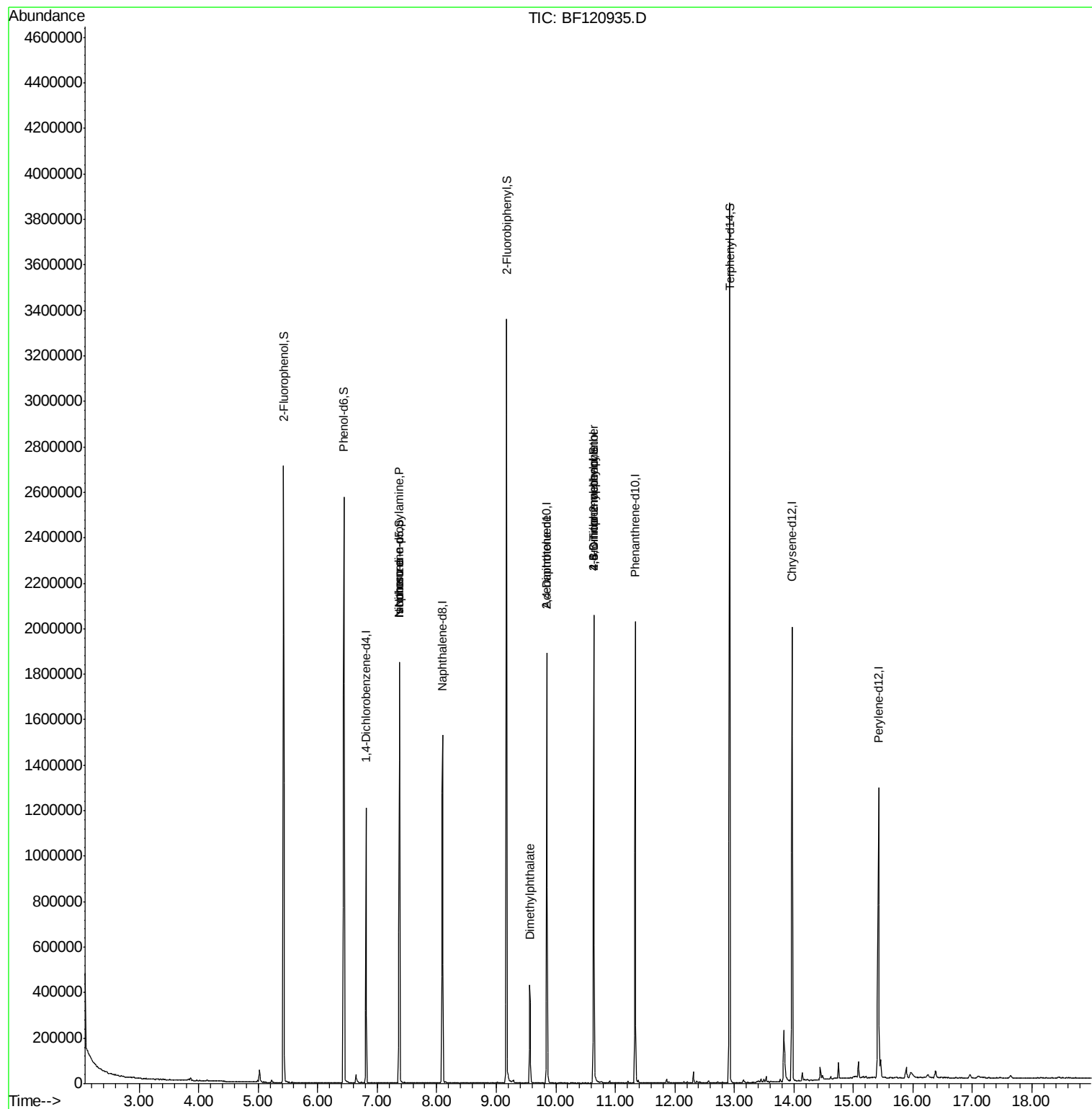
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.44	77	1235	Below Cal		# 1
19) n-Nitroso-di-n-propylamine	7.37	70	76326	9.162	ng	# 79
25) Isophorone	7.37	82	589417	23.868	ng	# 63
50) Dimethylphthalate	9.56	163	182579	6.670	ng	# 99
57) 2,4-Dinitrotoluene	9.85	165	49410	6.398	ng	# 27
65) 4,6-Dinitro-2-methylphenol	10.64	198	506	3.950	ng	# 1
67) 4-Bromophenyl-phenylether	10.64	248	17128	2.054	ng	# 1

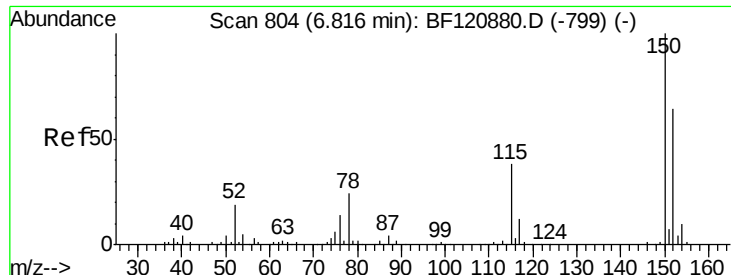
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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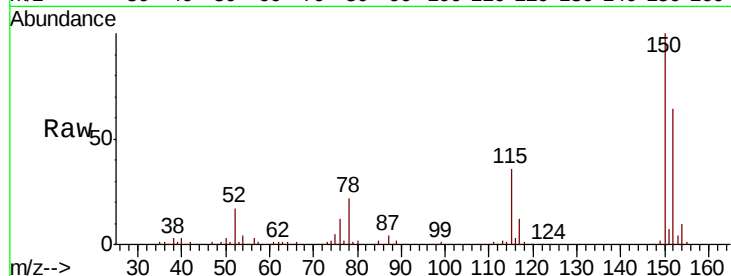


#1

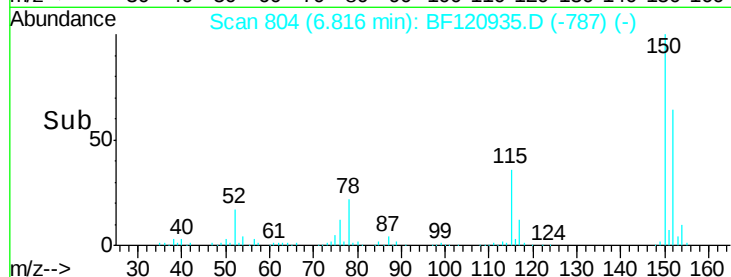
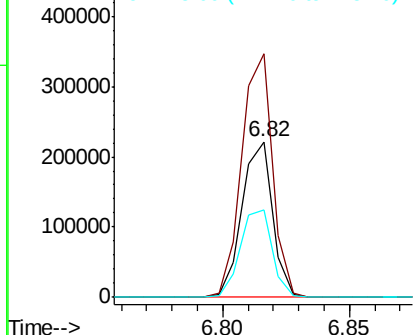
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 804
Delta R.T. 0.00 min
Lab File: BF120935.D
Acq: 20 Jul 2020 16:09

Instrument :
BNA_F
ClientSampleId :
TP-14-S

Tot Ion:152 Resp: 185925
Ion Ratio Lower Upper
152 100
150 156.3 125.0 187.6
115 56.1 47.0 70.4



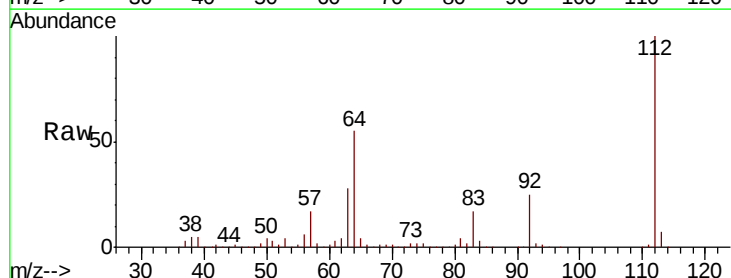
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



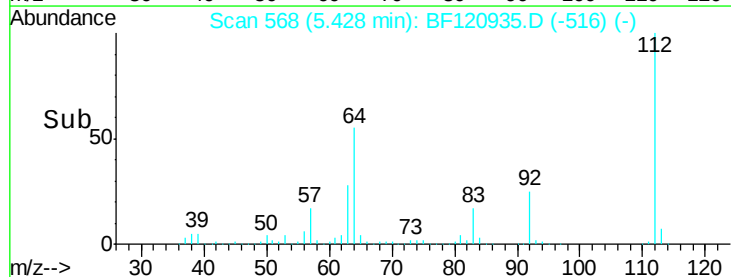
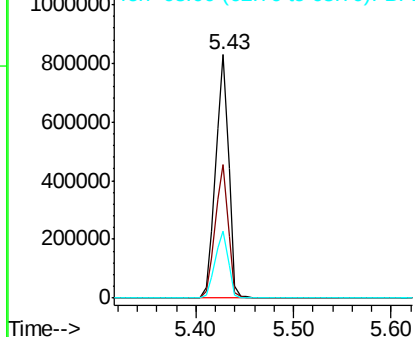
#5

2-Fluorophenol
Concen: 68.083 ng
RT: 5.43 min Scan# 568
Delta R.T. 0.01 min
Lab File: BF120935.D
Acq: 20 Jul 2020 16:09

Tgt Ion:112 Resp: 772148
Ion Ratio Lower Upper
112 100
64 54.7 41.3 61.9
63 27.6 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: 64.960 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.01 min

Lab File: BF120935.D

Acq: 20 Jul 2020 16:09

Instrument :

BNA_F

ClientSampleId :

TP-14-S

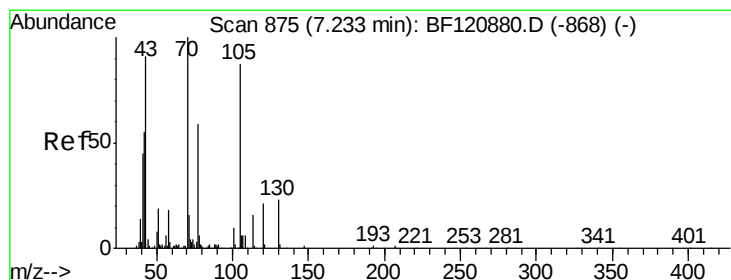
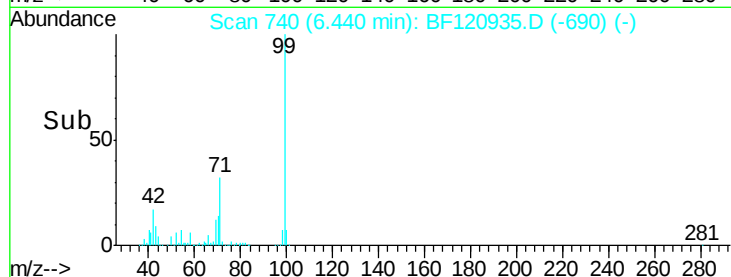
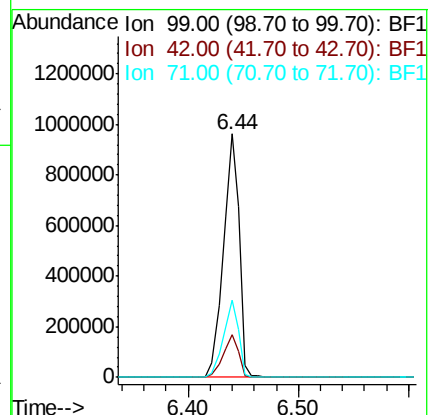
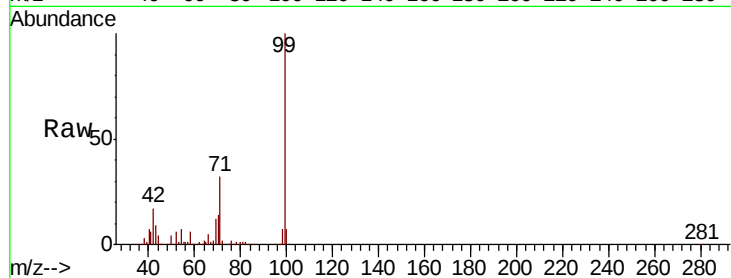
Tot Ion: 99 Resp: 951670

Ion Ratio Lower Upper

99 100

42 17.3 13.1 19.7

71 31.6 24.2 36.4



#19

n-Nitroso-di-n-propylamine

Concen: 9.162 ng

RT: 7.37 min Scan# 899

Delta R.T. 0.14 min

Lab File: BF120935.D

Acq: 20 Jul 2020 16:09

Tgt Ion: 70 Resp: 76326

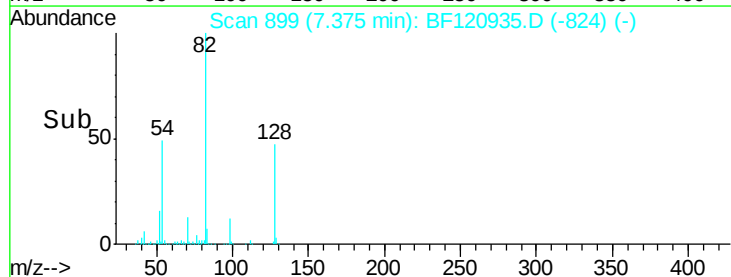
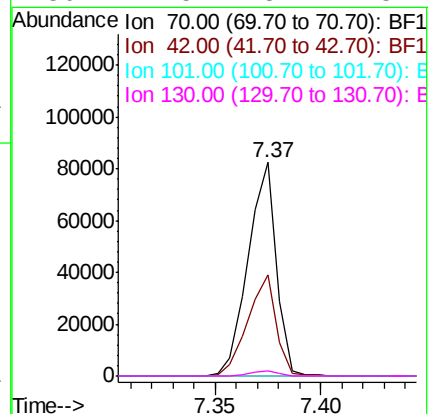
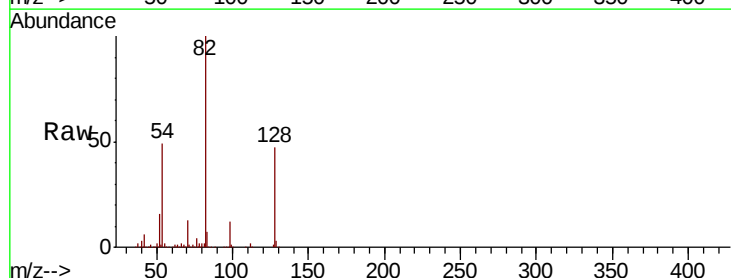
Ion Ratio Lower Upper

70 100

42 47.5 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: 8.10 min Scan# 1022

Delta R.T. 0.00 min

Lab File: BF120935.D

Acq: 20 Jul 2020 16:09

Instrument :

BNA_F

ClientSampleId :

TP-14-S

Tot Ion:136 Resp: 715970

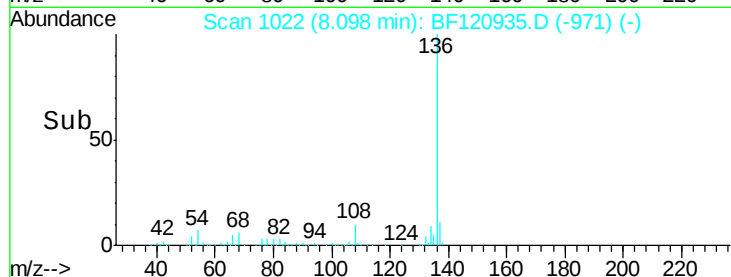
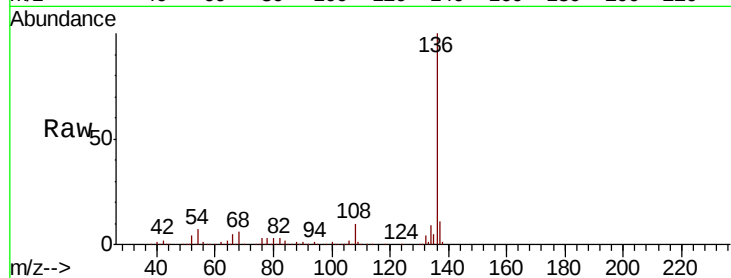
Ion Ratio Lower Upper

136 100

137 10.9 9.3 13.9

54 7.1 6.3 9.5

68 5.7 5.0 7.4

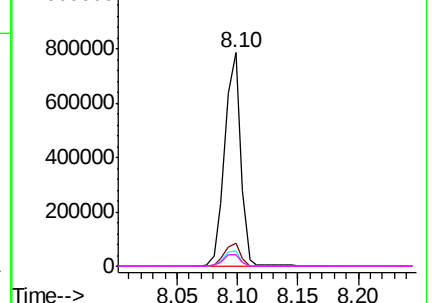


Abundance Ion 136.00 (135.70 to 136.70): E

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: 48.084 ng

RT: 7.37 min Scan# 899

Delta R.T. -0.01 min

Lab File: BF120935.D

Acq: 20 Jul 2020 16:09

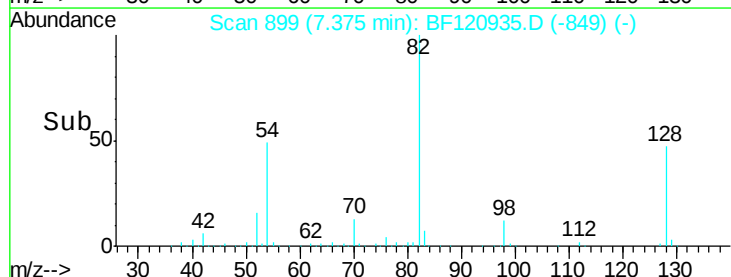
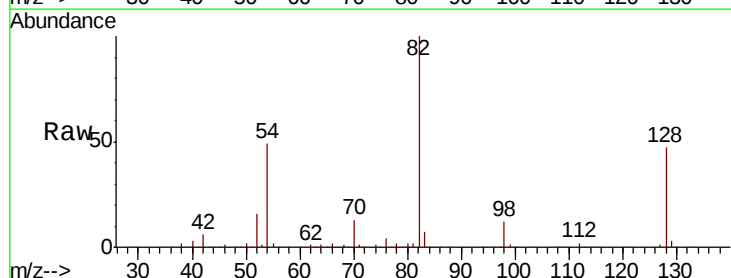
Tgt Ion: 82 Resp: 594973

Ion Ratio Lower Upper

82 100

128 47.5 38.2 57.4

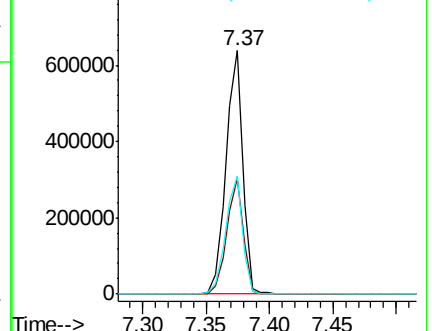
54 48.5 38.7 58.1



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: 23.868 ng

RT: 7.37 min Scan# 899

Delta R.T. -0.26 min

Lab File: BF120935.D

Acq: 20 Jul 2020 16:09

Instrument :

BNA_F

ClientSampleId :

TP-14-S

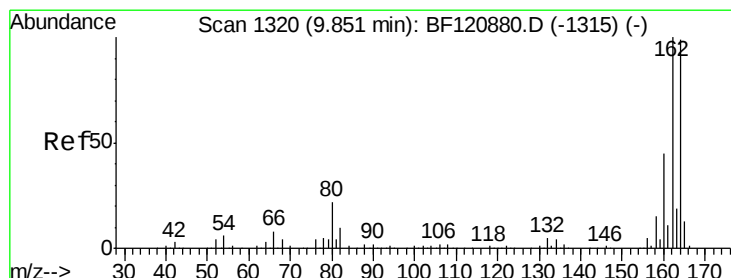
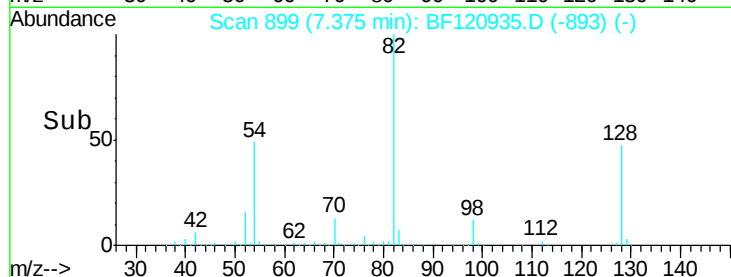
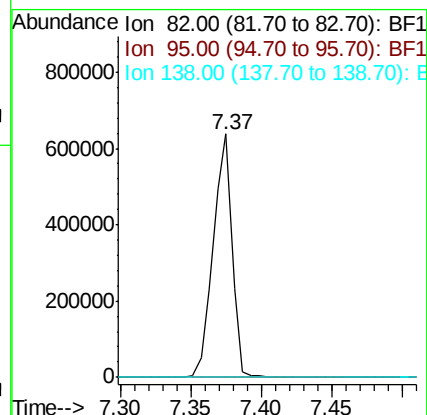
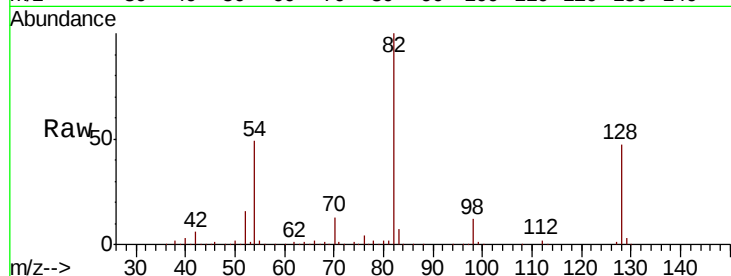
Tot Ion: 82 Resp: 589417

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# 1320

Delta R.T. 0.00 min

Lab File: BF120935.D

Acq: 20 Jul 2020 16:09

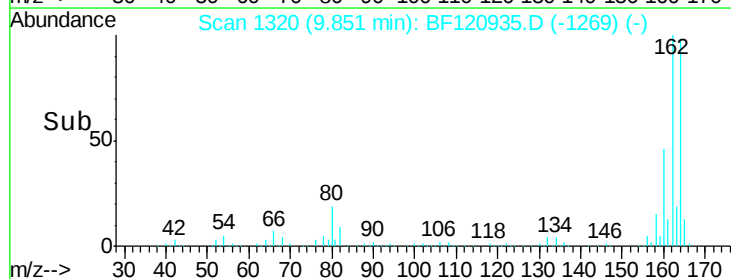
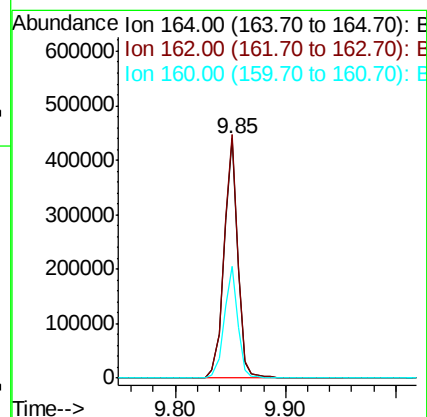
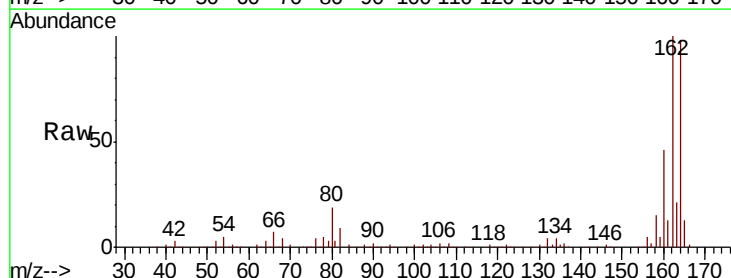
Tgt Ion:164 Resp: 379402

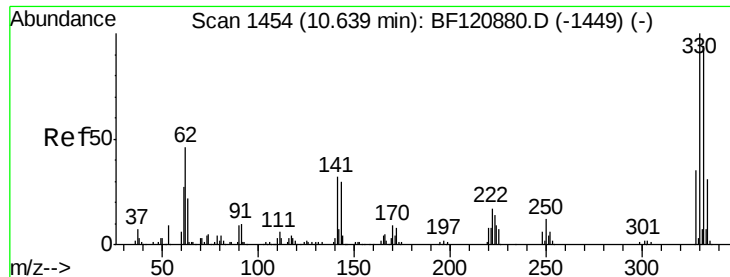
Ion Ratio Lower Upper

164 100

162 101.7 81.2 121.8

160 46.5 36.9 55.3

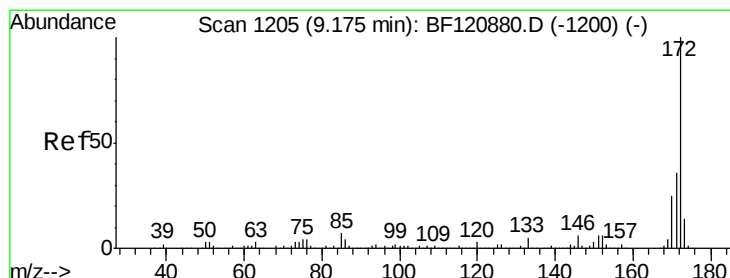
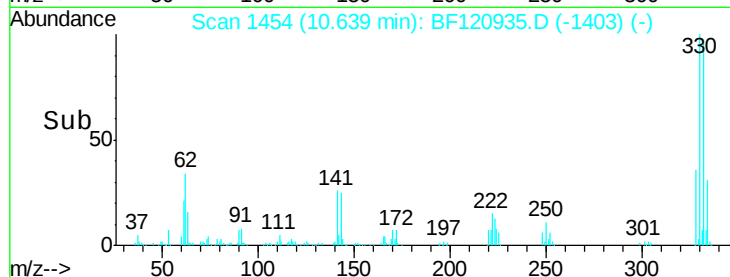
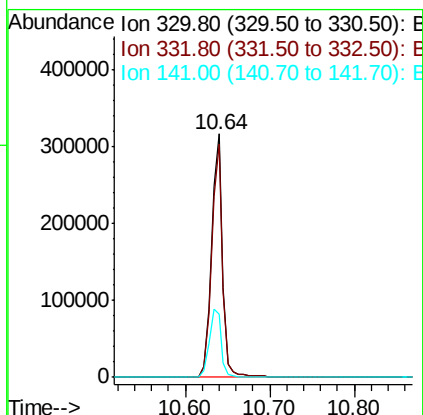
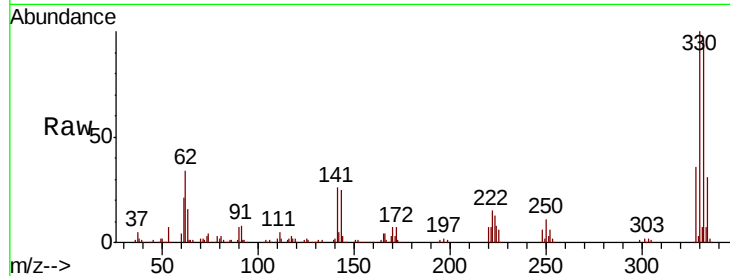




#42
 2,4,6-Tribromophenol
 Concen: 71.153 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. 0.00 min
 Lab File: BF120935.D
 Acq: 20 Jul 2020 16:09

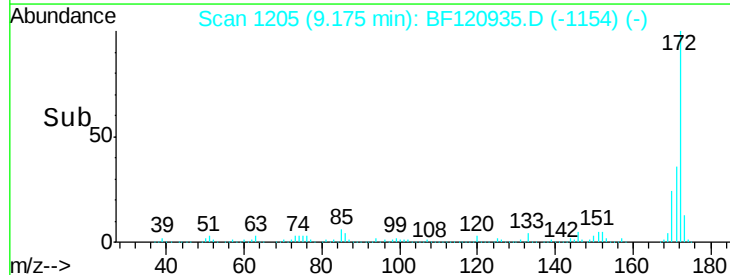
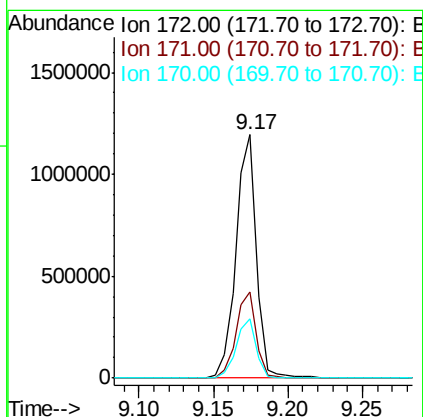
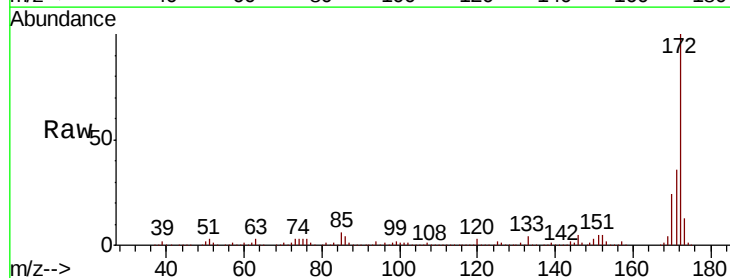
Instrument :
 BNA_F
 ClientSampleId :
 TP-14-S

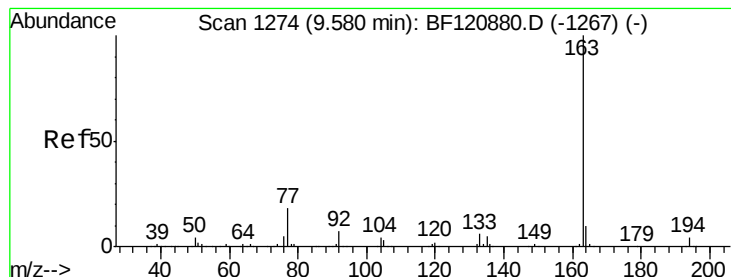
Tot Ion:330 Resp: 295493
 Ion Ratio Lower Upper
 330 100
 332 95.2 75.5 113.3
 141 30.7 25.7 38.5



#45
 2-Fluorobiphenyl
 Concen: 45.363 ng
 RT: 9.17 min Scan# 1205
 Delta R.T. 0.00 min
 Lab File: BF120935.D
 Acq: 20 Jul 2020 16:09

Tgt Ion:172 Resp: 1152739
 Ion Ratio Lower Upper
 172 100
 171 35.6 29.0 43.4
 170 24.2 19.6 29.4





#50

Dimethylphthalate

Concen: 6.670 ng

RT: 9.56 min Scan# 1271

Delta R.T. -0.02 min

Lab File: BF120935.D

Acq: 20 Jul 2020 16:09

Instrument :

BNA_F

ClientSampleId :

TP-14-S

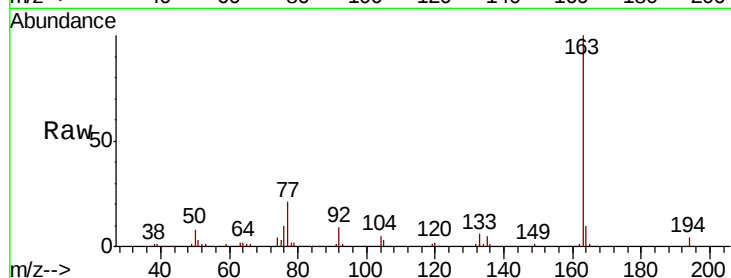
Tot Ion:163 Resp: 182579

Ion Ratio Lower Upper

163 100

194 3.6 3.2 4.8

164 10.1 7.9 11.9

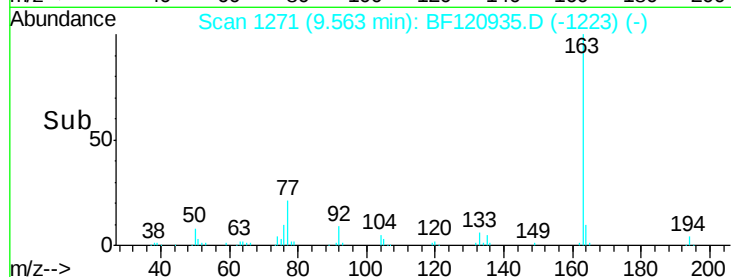


Abundance Ion 163.00 (162.70 to 163.70): E

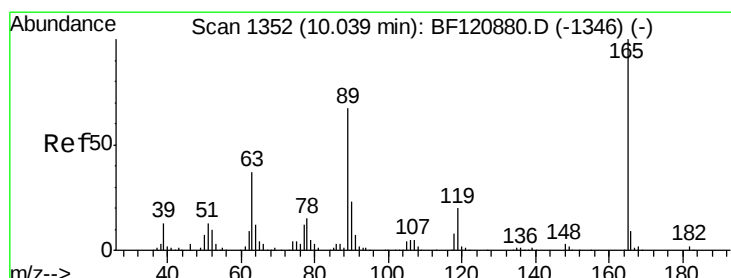
Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

Time-->



Time-->



#57

2,4-Dinitrotoluene

Concen: 6.398 ng

RT: 9.85 min Scan# 1320

Delta R.T. -0.19 min

Lab File: BF120935.D

Acq: 20 Jul 2020 16:09

Tgt Ion:165 Resp: 49410

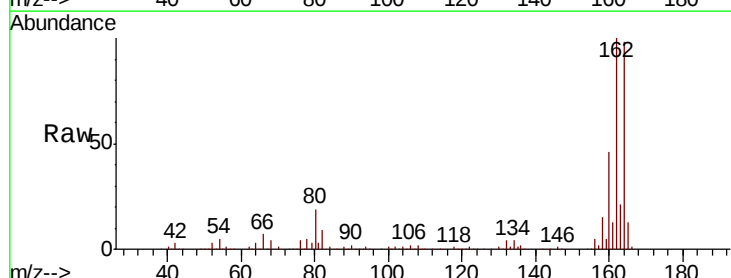
Ion Ratio Lower Upper

165 100

63 1.1 29.4 44.2#

89 1.4 53.4 80.0#

182 0.0 1.8 2.6#



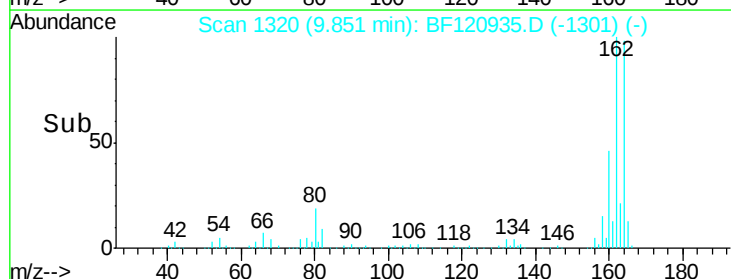
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

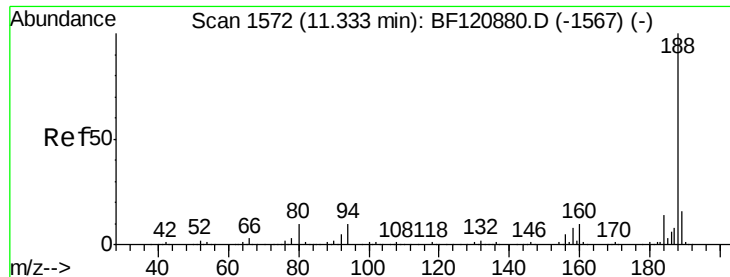
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E

Time-->



Time-->



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.33 min Scan# 1572

Delta R.T. 0.00 min

Lab File: BF120935.D

Acq: 20 Jul 2020 16:09

Instrument :

BNA_F

ClientSampleId :

TP-14-S

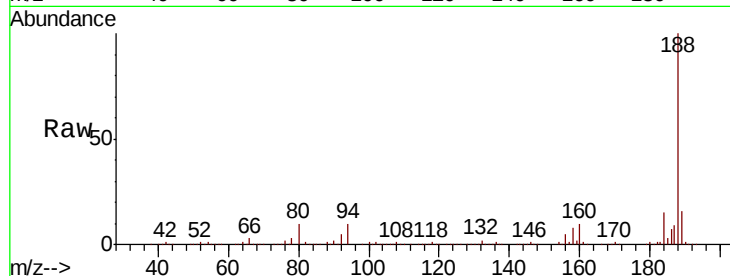
Tot Ion:188 Resp: 747879

Ion Ratio Lower Upper

188 100

94 9.7 8.0 12.0

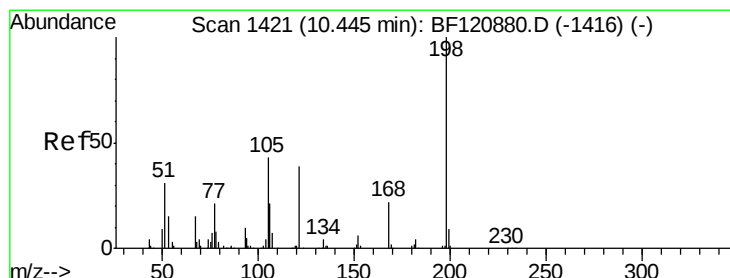
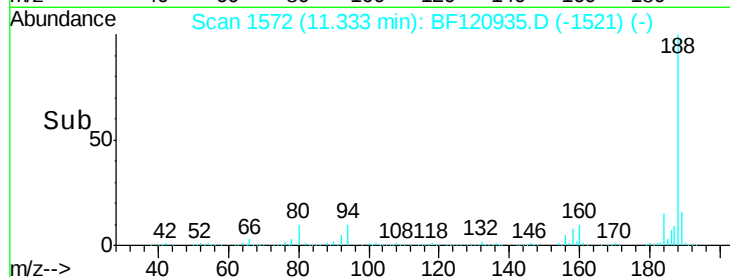
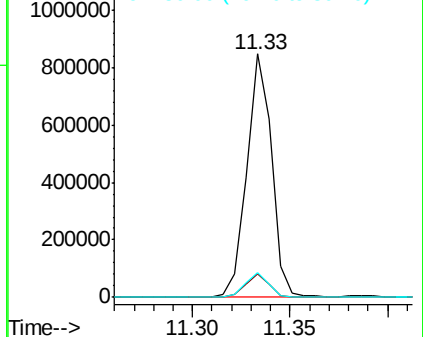
80 10.2 8.3 12.5



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: 3.950 ng

RT: 10.64 min Scan# 1454

Delta R.T. 0.19 min

Lab File: BF120935.D

Acq: 20 Jul 2020 16:09

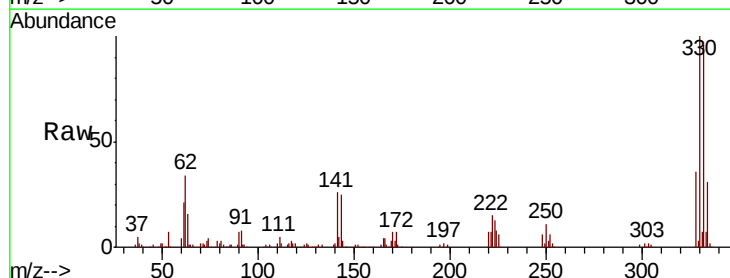
Tgt Ion:198 Resp: 506

Ion Ratio Lower Upper

198 100

51 137.6 19.5 59.5#

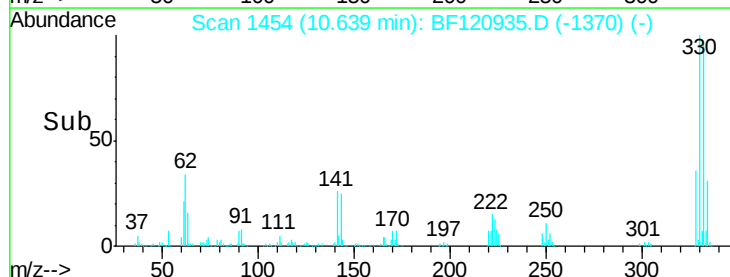
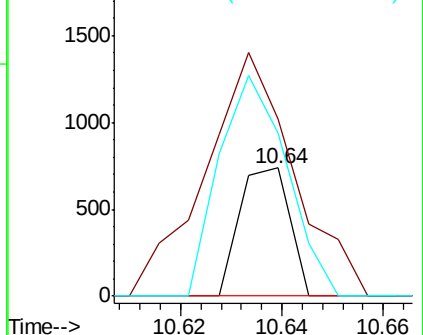
105 127.1 24.4 64.4#



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

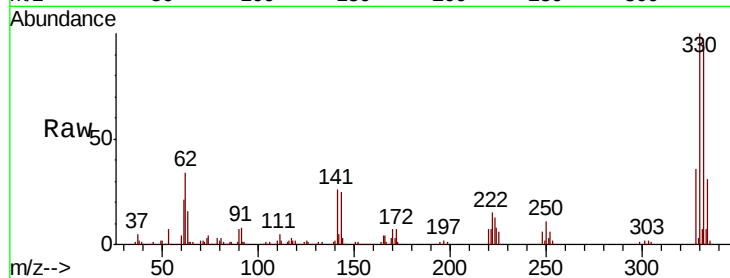




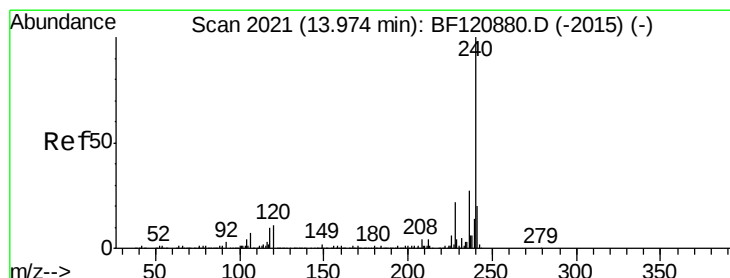
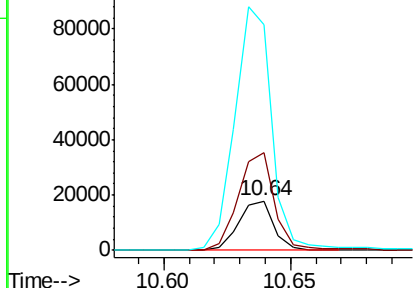
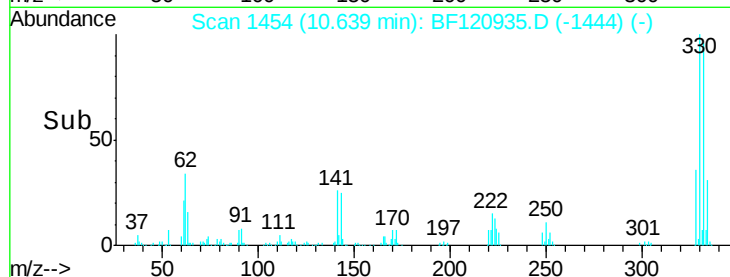
#67
 4-Bromophenyl-phenylether
 Concen: 2.054 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. -0.24 min
 Lab File: BF120935.D
 Acq: 20 Jul 2020 16:09

Instrument :
 BNA_F
 ClientSampleId :
 TP-14-S

Tot Ion:248 Resp: 17128
 Ion Ratio Lower Upper
 248 100
 250 198.5 77.1 115.7#
 141 458.2 61.2 91.8#

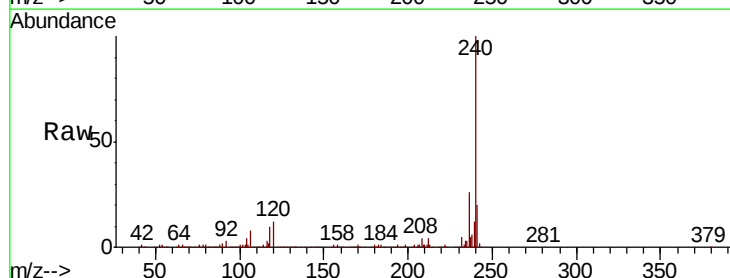


Abundance Ion 248.00 (247.70 to 248.70): E
 120000 Ion 250.00 (249.70 to 250.70): E
 100000 Ion 141.00 (140.70 to 141.70): E

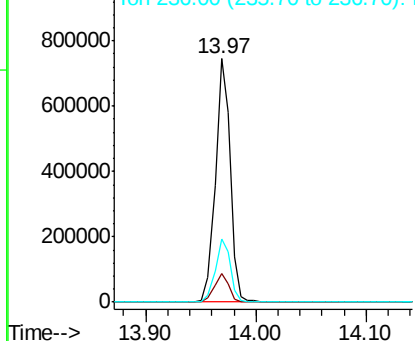
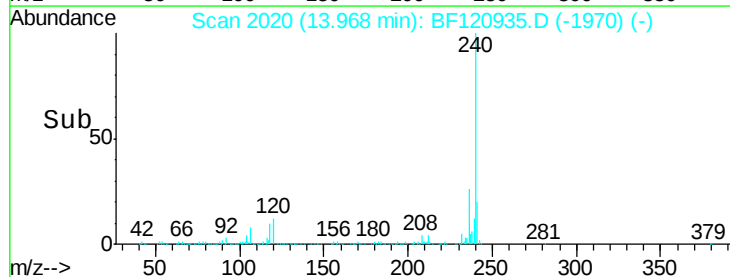


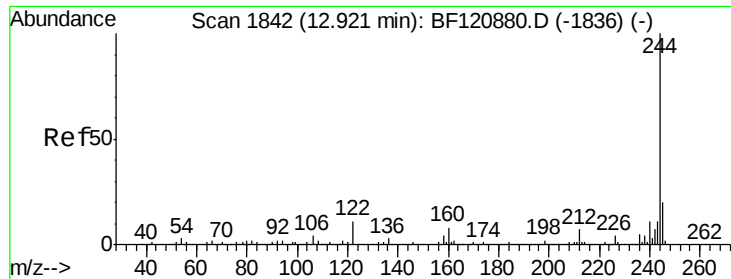
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.97 min Scan# 2020
 Delta R.T. -0.01 min
 Lab File: BF120935.D
 Acq: 20 Jul 2020 16:09

Tgt Ion:240 Resp: 685097
 Ion Ratio Lower Upper
 240 100
 120 11.7 9.0 13.4
 236 26.1 21.7 32.5



Abundance Ion 240.00 (239.70 to 240.70): E
 1000000 Ion 120.00 (119.70 to 120.70): E
 800000 Ion 236.00 (235.70 to 236.70): E

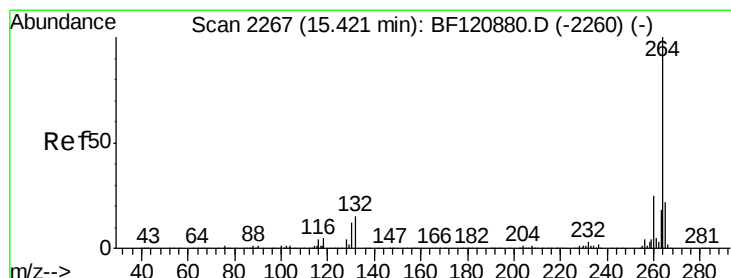
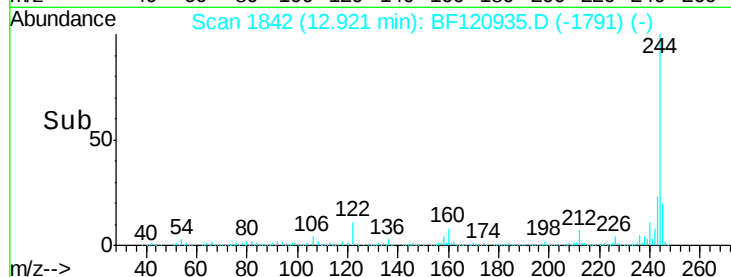
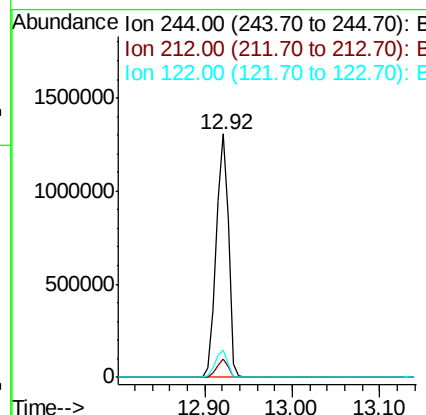
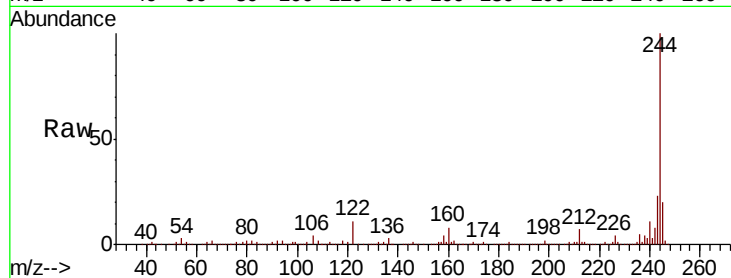




#79
 Terphenyl-d14
 Concen: 40.585 ng
 RT: 12.92 min Scan# 1842
 Delta R.T. 0.00 min
 Lab File: BF120935.D
 Acq: 20 Jul 2020 16:09

Instrument :
 BNA_F
 ClientSampleId :
 TP-14-S

Tot Ion:244 Resp: 1279089
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.6 8.4
 122 11.4 8.9 13.3



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.42 min Scan# 2267
 Delta R.T. 0.00 min
 Lab File: BF120935.D
 Acq: 20 Jul 2020 16:09

Tgt Ion:264 Resp: 641028
 Ion Ratio Lower Upper
 264 100
 260 25.0 20.0 30.0
 265 21.3 17.4 26.2

