

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071620\
 Data File : BF120891.D
 Acq On : 16 Jul 2020 17:57
 Operator : JU/CG
 Sample : L3187-08
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SU-03-071420

Quant Time: Jul 16 18:55:17 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	156318	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	604588	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	316739	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	636139	20.00	ng	0.00
76) Chrysene-d12	13.97	240	561178	20.00	ng	0.00
86) Perylene-d12	15.42	264	503016	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.43	112	967606	101.48	ng	0.01
7) Phenol-d6	6.44	99	1079747	87.66	ng	0.00
23) Nitrobenzene-d5	7.37	82	791770	75.78	ng	0.00
42) 2,4,6-Tribromophenol	10.64	330	387817	111.86	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	1408579	66.40	ng	0.00
79) Terphenyl-d14	12.92	244	1617035	62.64	ng	0.00

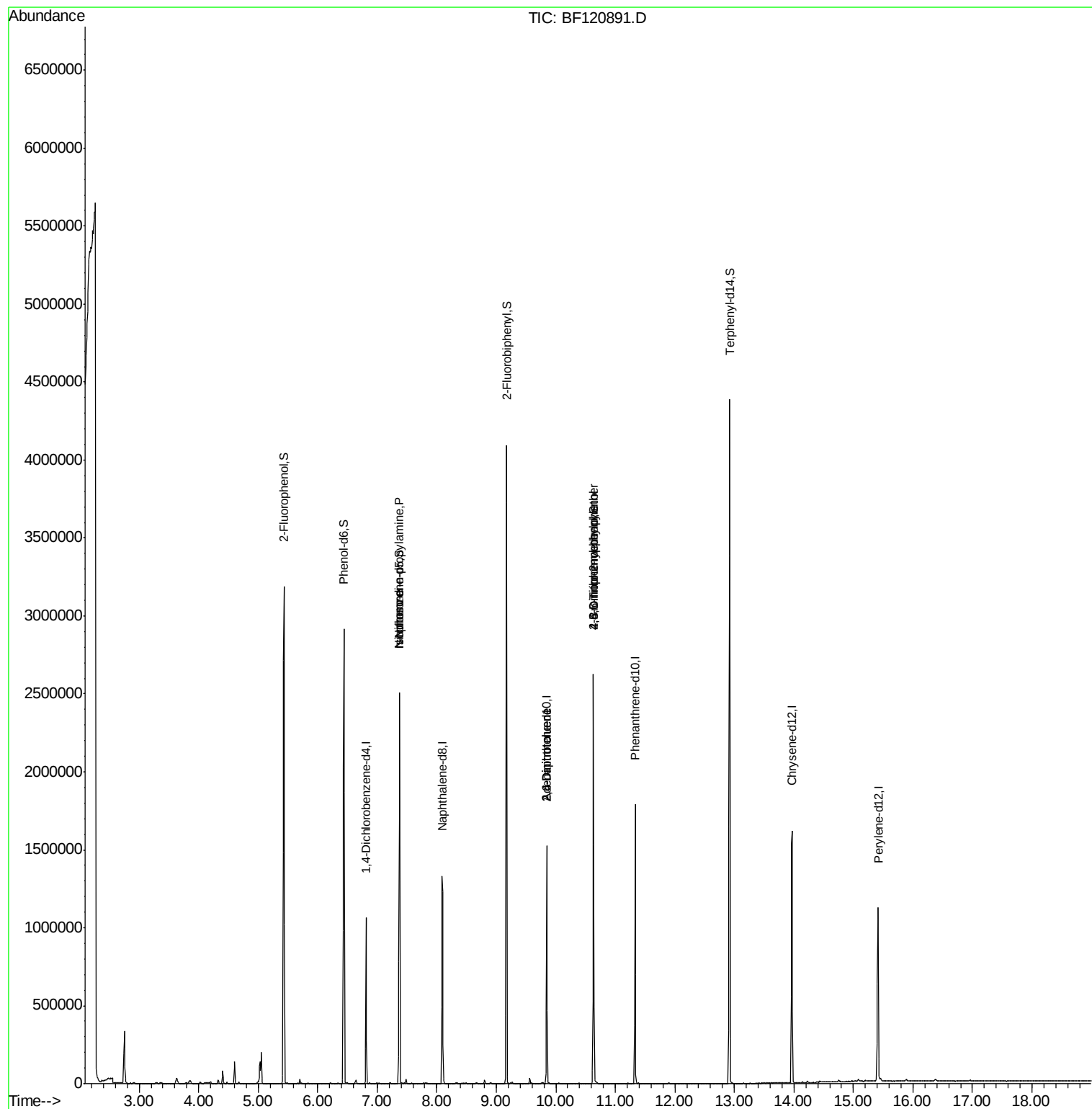
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.37	77	106	Below Cal		# 1
19) n-Nitroso-di-n-propylamine	7.37	70	103617	14.794	ng	# 79
25) Isophorone	7.37	82	791752	37.968	ng	# 63
51) 2,6-Dinitrotoluene	9.85	165	40287	8.206	ng	# 23
57) 2,4-Dinitrotoluene	9.85	165	40287	6.249	ng	# 27
65) 4,6-Dinitro-2-methylphenol	10.63	198	758	4.032	ng	# 1
67) 4-Bromophenyl-phenylether	10.64	248	22646	3.193	ng	# 1

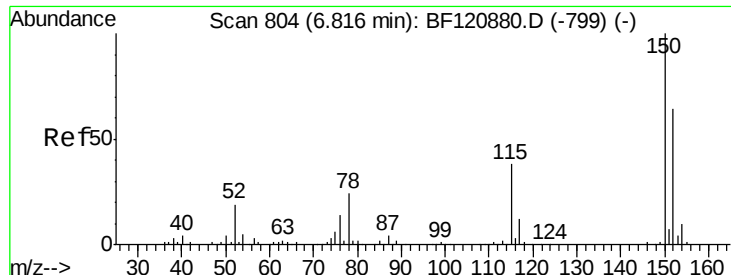
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071620\
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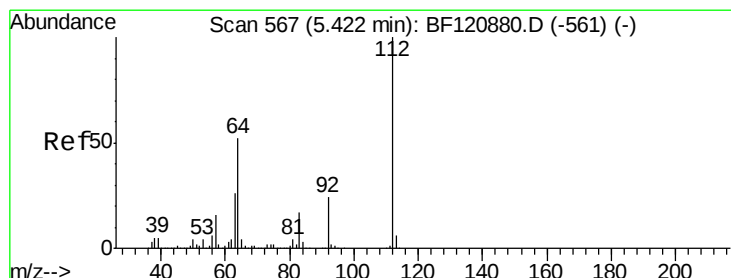
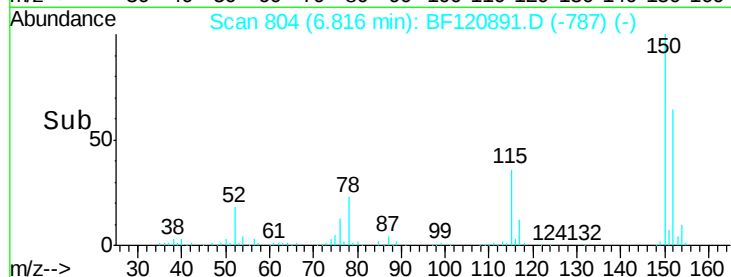
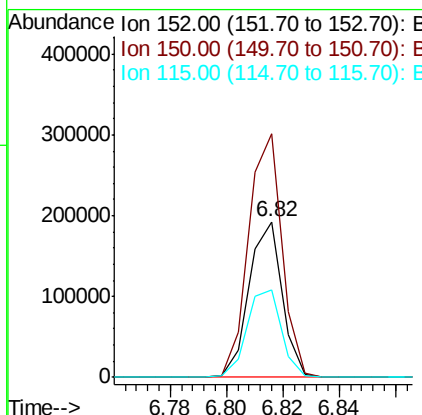
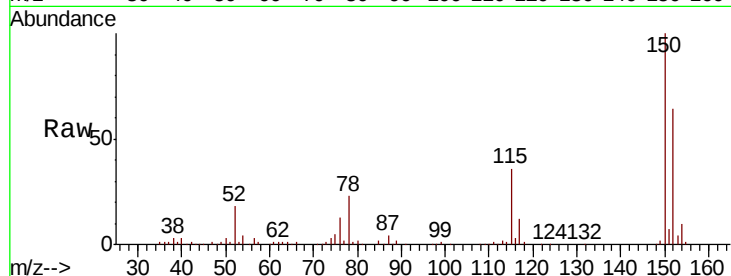




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.82 min Scan# 804
 Delta R.T. 0.00 min
 Lab File: BF120891.D
 Acq: 16 Jul 2020 17:57

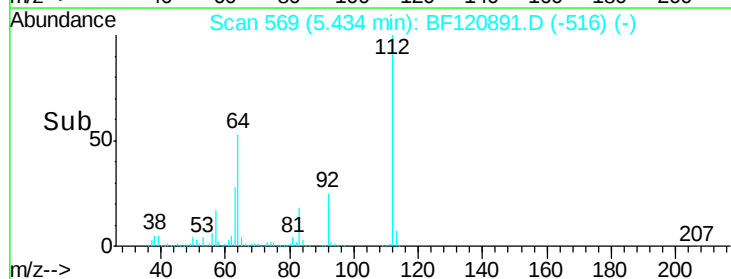
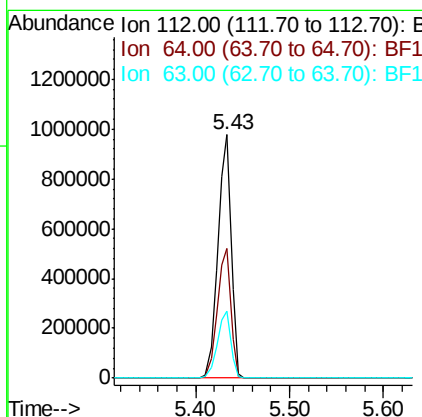
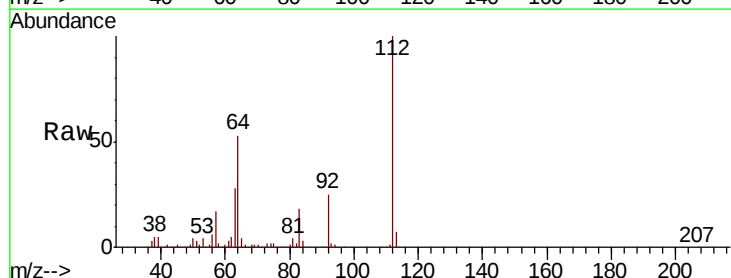
Instrument :
 BNA_F
 ClientSampleId :
 SU-03-071420

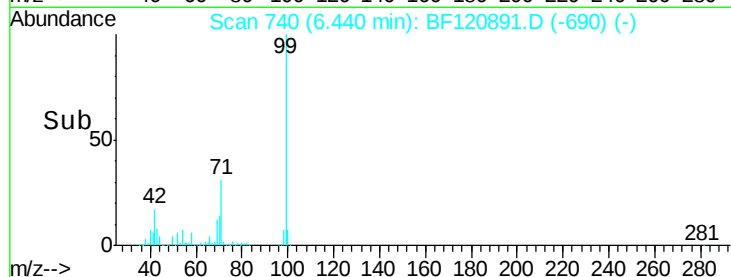
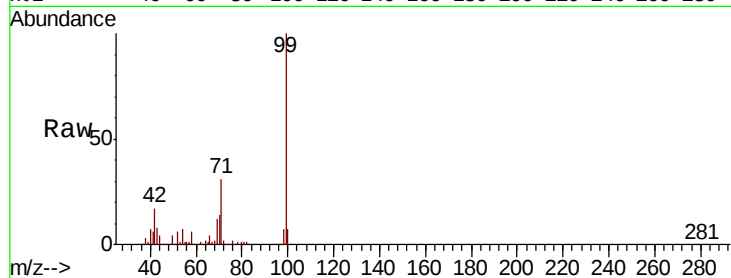
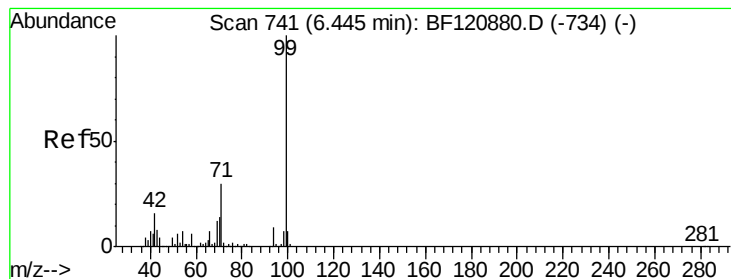
Tot Ion:152 Resp: 156318
 Ion Ratio Lower Upper
 152 100
 150 156.2 125.0 187.6
 115 56.0 47.0 70.4



#5
 2-Fluorophenol
 Concen: 101.476 ng
 RT: 5.43 min Scan# 569
 Delta R.T. 0.01 min
 Lab File: BF120891.D
 Acq: 16 Jul 2020 17:57

Tgt Ion:112 Resp: 967606
 Ion Ratio Lower Upper
 112 100
 64 53.5 41.3 61.9
 63 27.6 21.1 31.7





#7

Phenol-d6

Concen: 87.662 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.01 min

Lab File: BF120891.D

Acq: 16 Jul 2020 17:57

Instrument :

BNA_F

ClientSampleId :

SU-03-071420

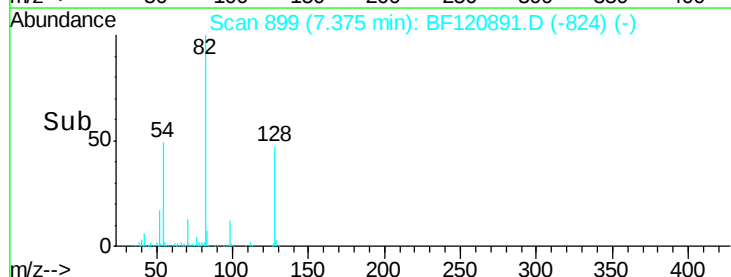
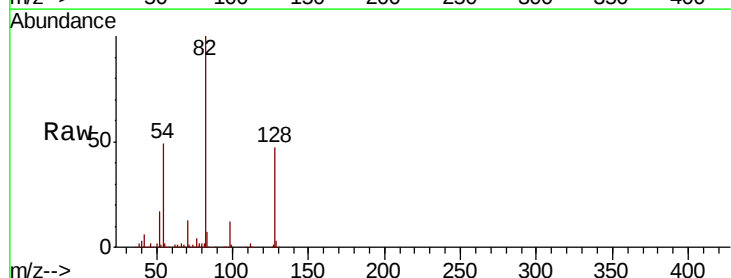
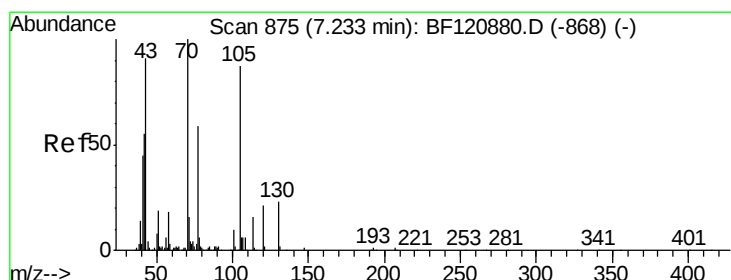
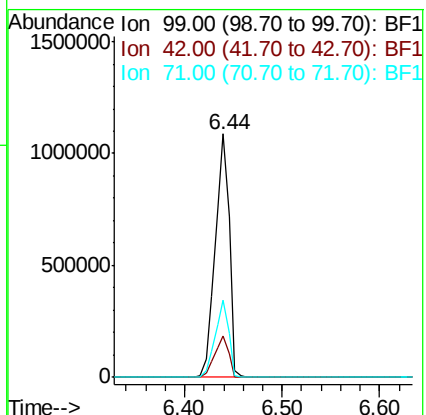
Tot Ion: 99 Resp: 1079747

Ion Ratio Lower Upper

99 100

42 17.1 13.1 19.7

71 31.5 24.2 36.4



#19

n-Nitroso-di-n-propylamine

Concen: 14.794 ng

RT: 7.37 min Scan# 899

Delta R.T. 0.14 min

Lab File: BF120891.D

Acq: 16 Jul 2020 17:57

Tgt Ion: 70 Resp: 103617

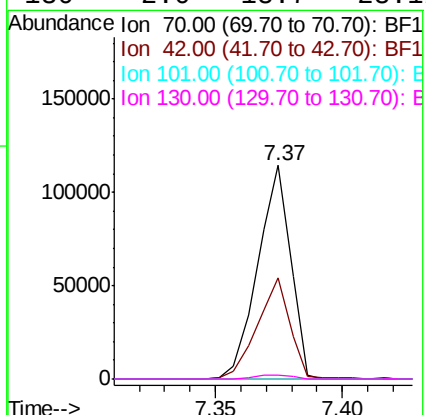
Ion Ratio Lower Upper

70 100

42 47.2 44.0 66.0

101 0.0 7.8 11.6#

130 2.0 18.7 28.1#

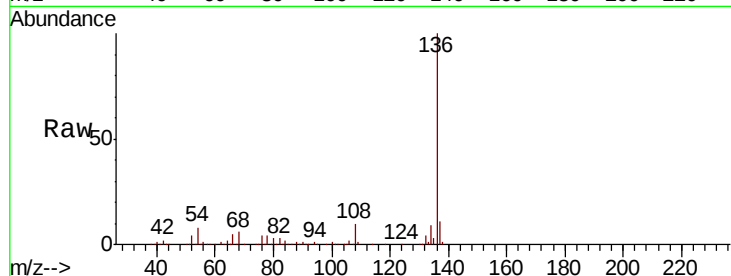




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BF120891.D
Acq: 16 Jul 2020 17:57

Instrument :
BNA_F
ClientSampleId :
SU-03-071420

Tot Ion:136	Resp:	604588
Ion	Ratio	Lower Upper
136	100	
137	11.1	9.3 13.9
54	7.6	6.3 9.5
68	6.3	5.0 7.4



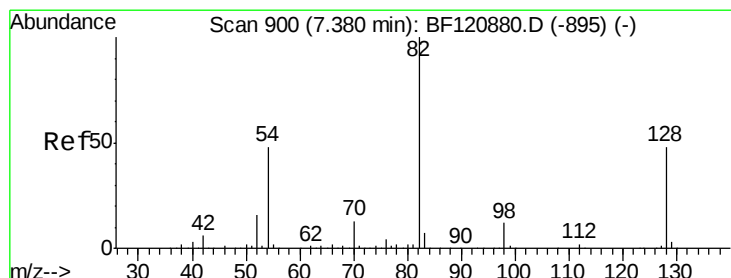
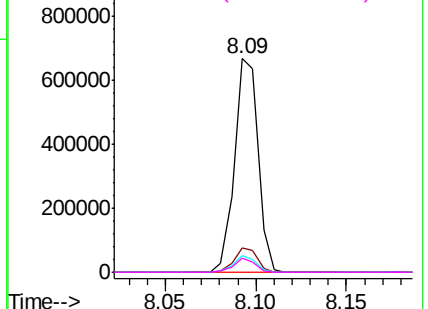
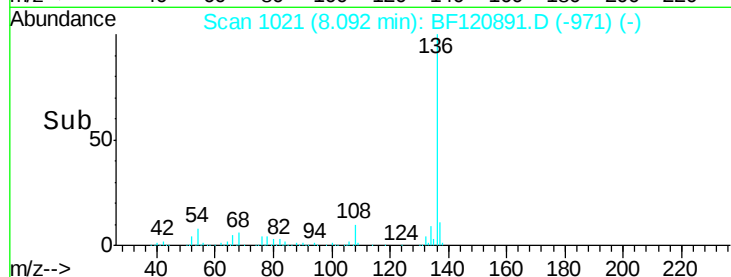
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

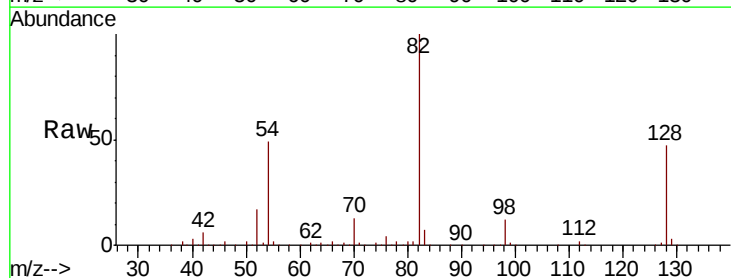
Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#23
Nitrobenzene-d5
Concen: 75.778 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.01 min
Lab File: BF120891.D
Acq: 16 Jul 2020 17:57

Tgt Ion: 82	Resp:	791770
Ion	Ratio	Lower Upper
82	100	
128	47.2	38.2 57.4
54	48.5	38.7 58.1

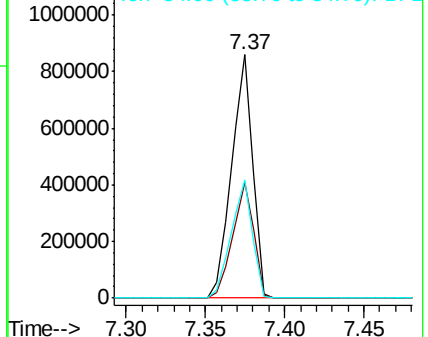
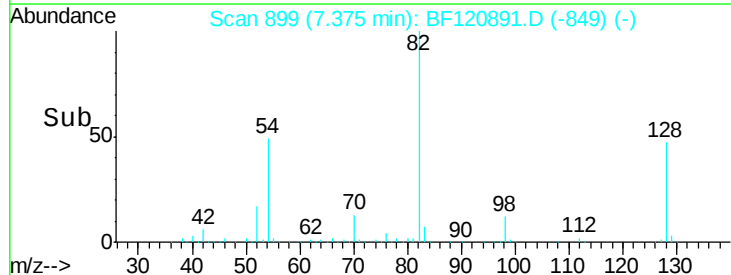


Abundance

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: 37.968 ng

RT: 7.37 min Scan# 899

Delta R.T. -0.26 min

Lab File: BF120891.D

Acq: 16 Jul 2020 17:57

Instrument :

BNA_F

ClientSampleId :

SU-03-071420

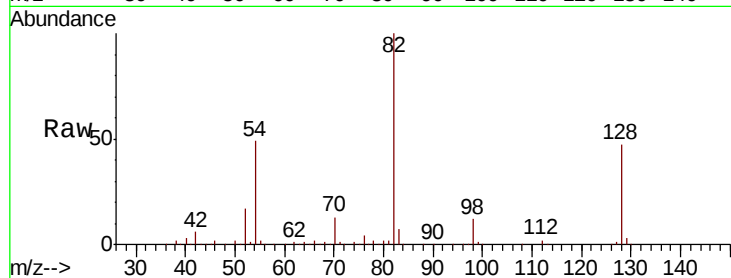
Tot Ion: 82 Resp: 791752

Ion Ratio Lower Upper

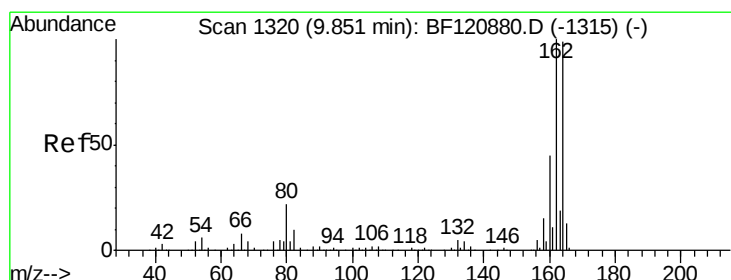
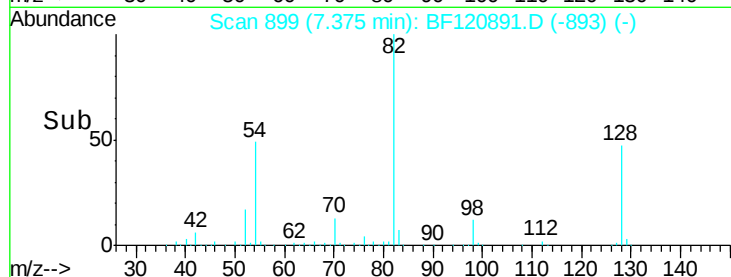
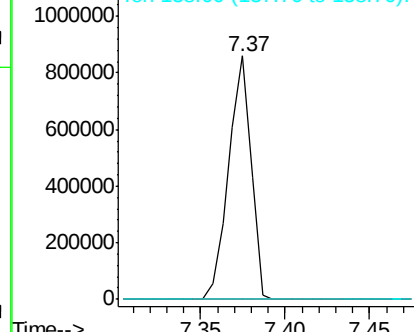
82 100

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# 1320

Delta R.T. 0.00 min

Lab File: BF120891.D

Acq: 16 Jul 2020 17:57

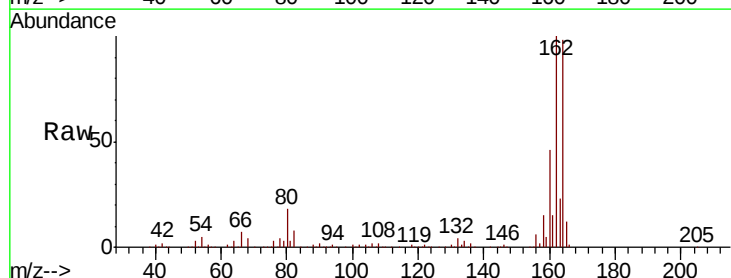
Tgt Ion: 164 Resp: 316739

Ion Ratio Lower Upper

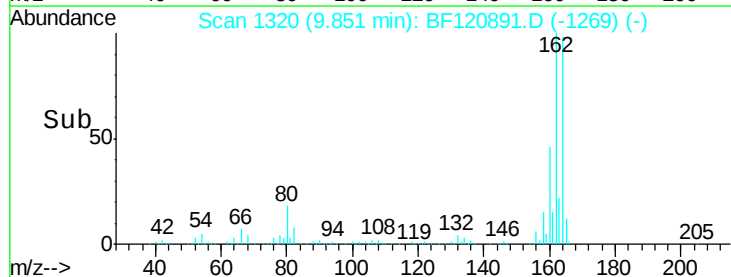
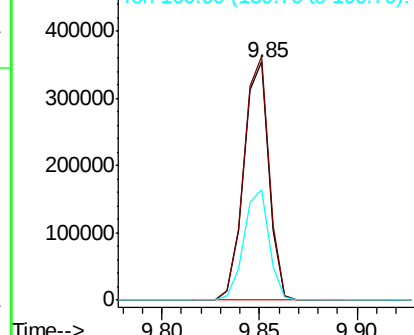
164 100

162 102.4 81.2 121.8

160 46.6 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: 111.859 ng

RT: 10.64 min Scan# 1454

Delta R.T. 0.00 min

Lab File: BF120891.D

Acq: 16 Jul 2020 17:57

Instrument :

BNA_F

ClientSampleId :

SU-03-071420

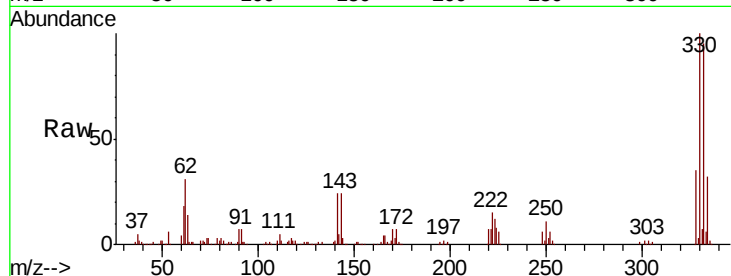
Tot Ion:330 Resp: 387817

Ion Ratio Lower Upper

330 100

332 95.5 75.5 113.3

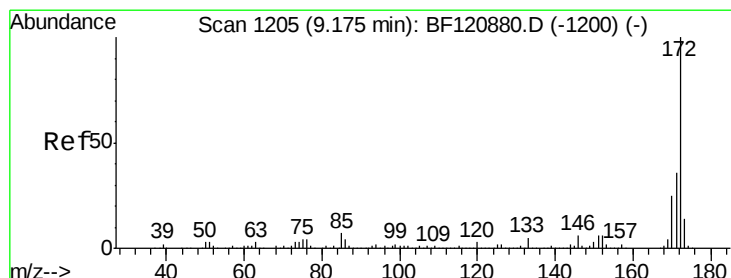
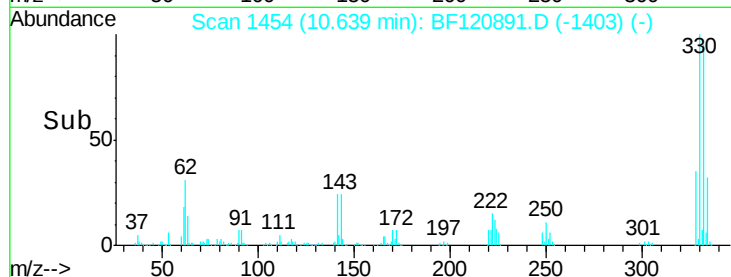
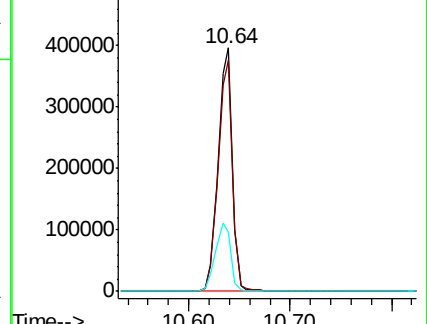
141 30.4 25.7 38.5



Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45

2-Fluorobiphenyl

Concen: 66.398 ng

RT: 9.17 min Scan# 1205

Delta R.T. 0.00 min

Lab File: BF120891.D

Acq: 16 Jul 2020 17:57

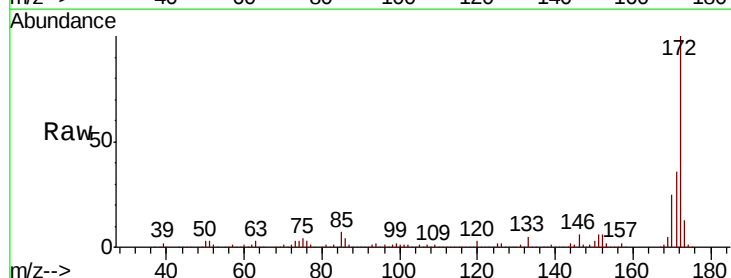
Tgt Ion:172 Resp: 1408579

Ion Ratio Lower Upper

172 100

171 36.2 29.0 43.4

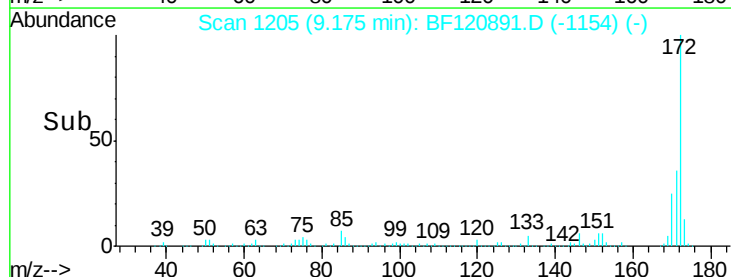
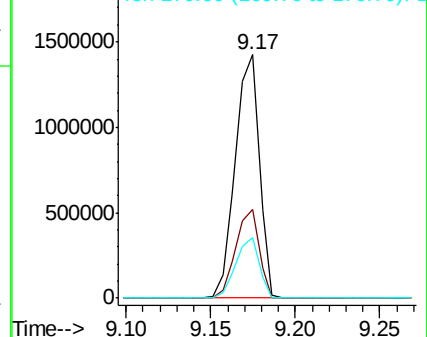
170 24.7 19.6 29.4

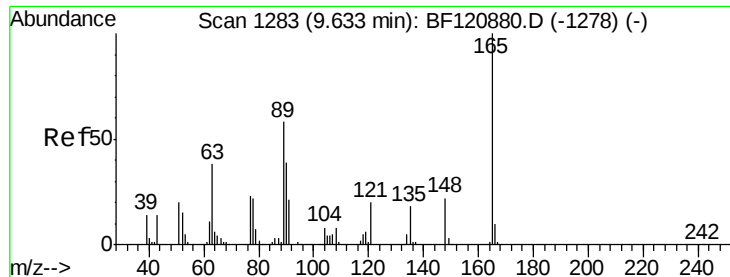


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#51

2,6-Dinitrotoluene

Concen: 8.206 ng

RT: 9.85 min Scan# 1320

Delta R.T. 0.22 min

Lab File: BF120891.D

Acq: 16 Jul 2020 17:57

Instrument :

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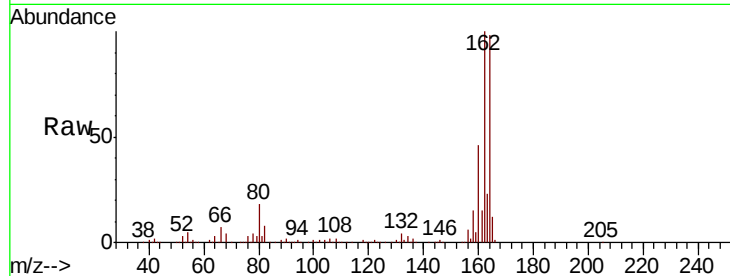
Tot Ion:165 Resp: 40287

Ion Ratio Lower Upper

165 100

63 1.0 45.4 68.2#

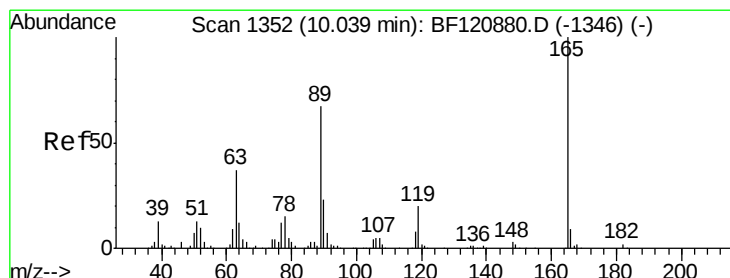
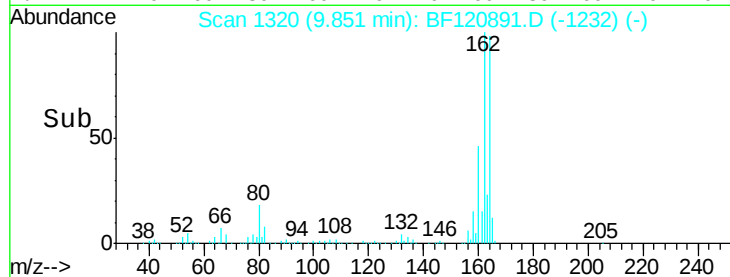
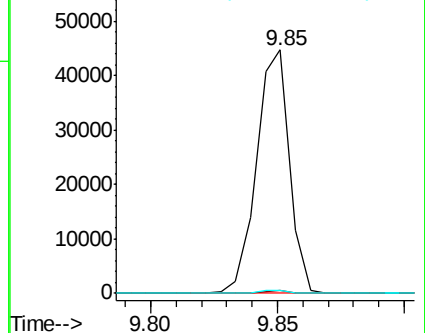
89 1.0 47.0 70.4#



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: 6.249 ng

RT: 9.85 min Scan# 1320

Delta R.T. -0.19 min

Lab File: BF120891.D

Acq: 16 Jul 2020 17:57

Tgt Ion:165 Resp: 40287

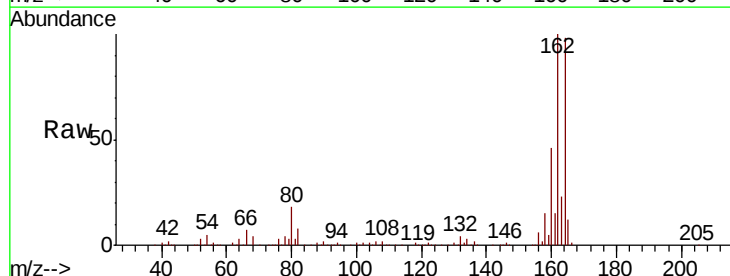
Ion Ratio Lower Upper

165 100

63 1.0 29.4 44.2#

89 1.0 53.4 80.0#

182 0.0 1.8 2.6#

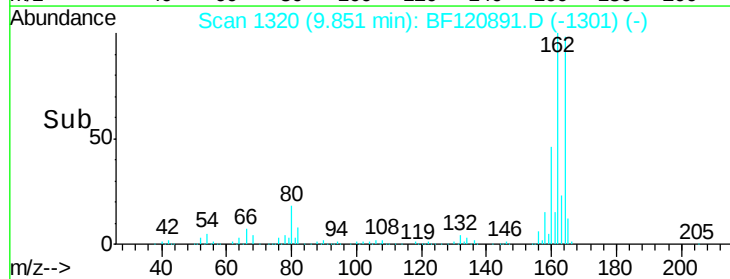
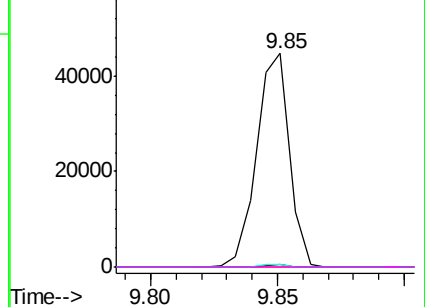


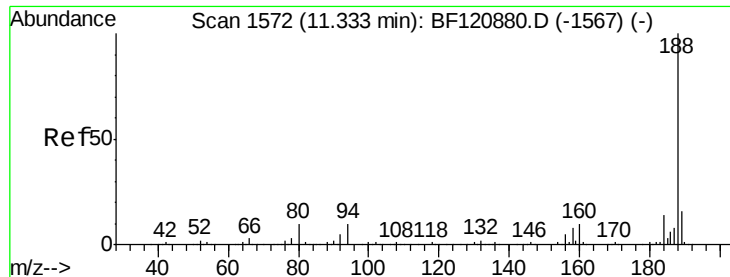
Abundance Ion 165.00 (164.70 to 165.70): E

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

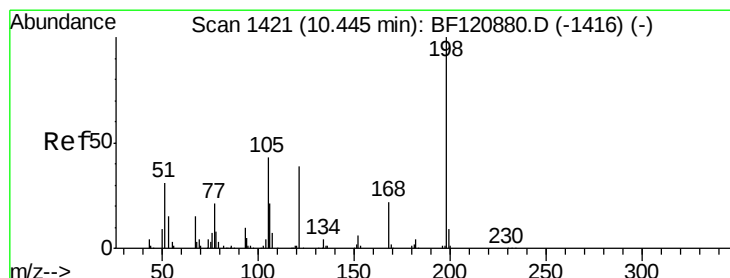
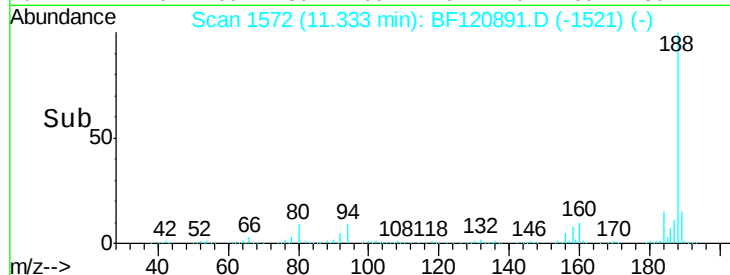
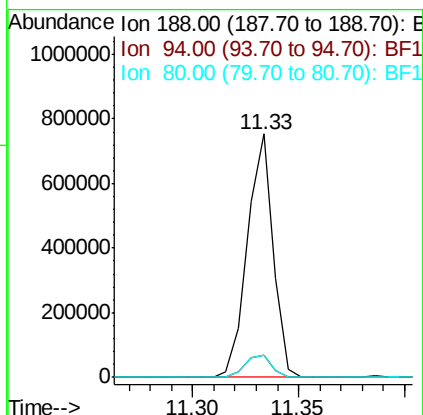
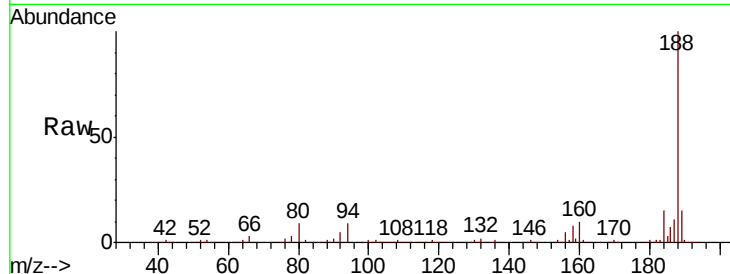




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1572
Delta R.T. 0.00 min
Lab File: BF120891.D
Acq: 16 Jul 2020 17:57

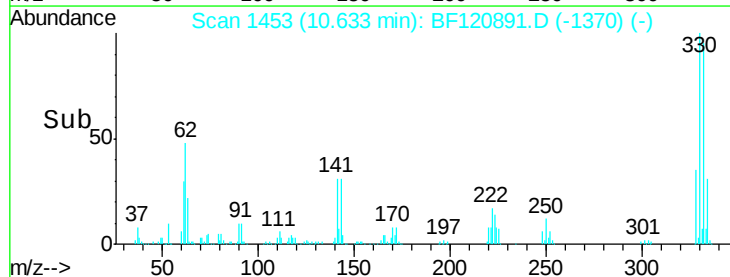
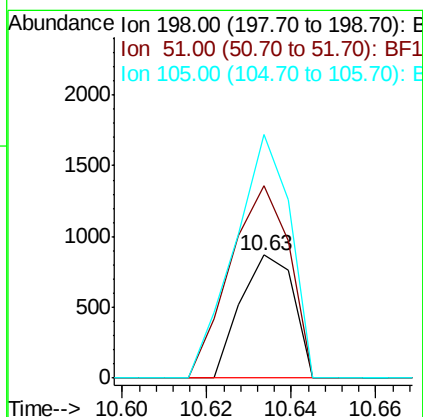
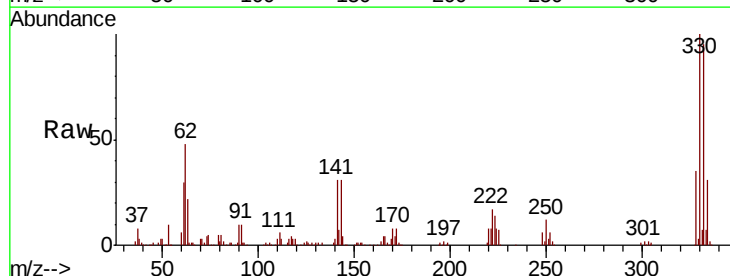
Instrument :
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Tot Ion	Ratio	Lower	Upper
188	100		
94	9.3	8.0	12.0
80	9.2	8.3	12.5



#65
4,6-Dinitro-2-methylphenol
Concen: 4.032 ng
RT: 10.63 min Scan# 1453
Delta R.T. 0.19 min
Lab File: BF120891.D
Acq: 16 Jul 2020 17:57

Tgt Ion	Ratio	Lower	Upper
198	100		
51	157.0	19.5	59.5#
105	198.5	24.4	64.4#

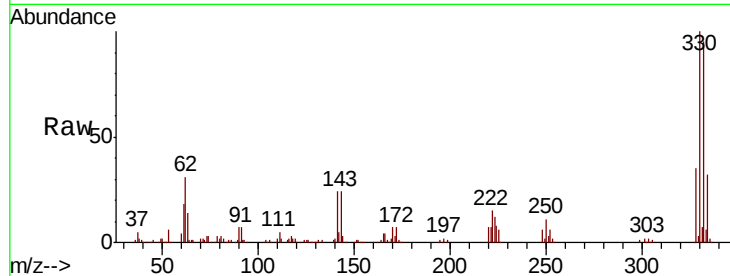




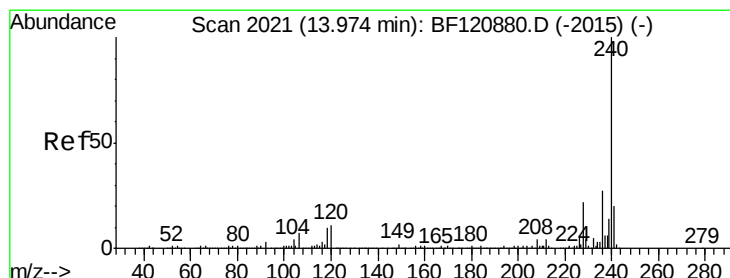
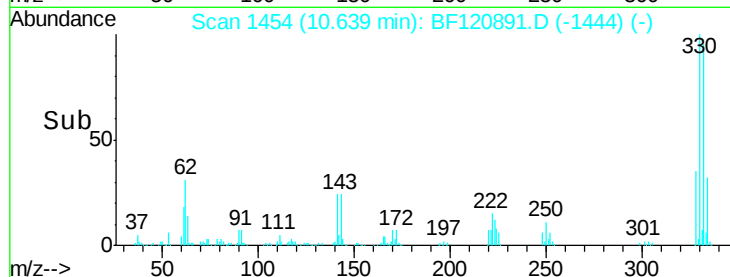
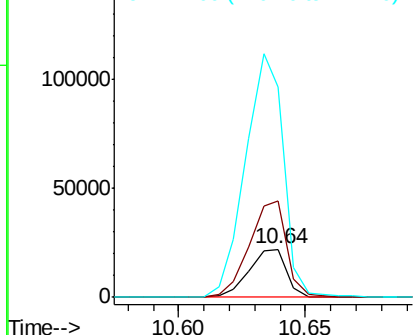
#67
4-Bromophenyl-phenylether
Concen: 3.193 ng
RT: 10.64 min Scan# 1454
Delta R.T. -0.24 min
Lab File: BF120891.D
Acq: 16 Jul 2020 17:57

Instrument :
BNA_F
ClientSampled :
SU-03-071420

Tot Ion:248 Resp: 22646
Ion Ratio Lower Upper
248 100
250 200.5 77.1 115.7#
141 440.2 61.2 91.8#

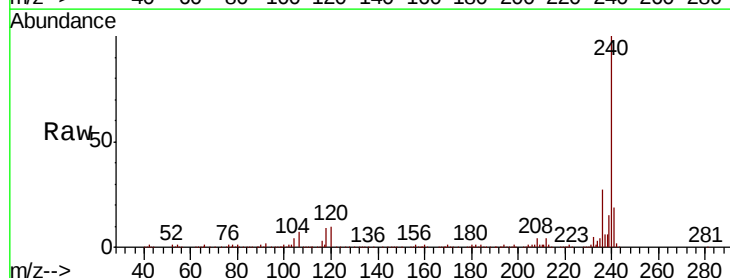


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

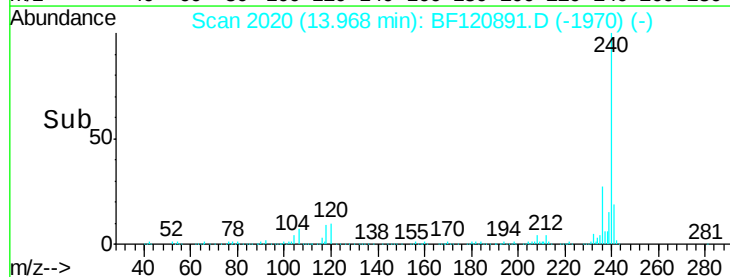
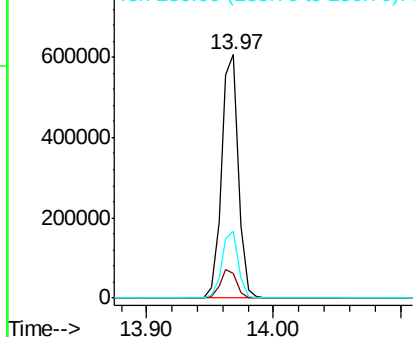


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.01 min
Lab File: BF120891.D
Acq: 16 Jul 2020 17:57

Tgt Ion:240 Resp: 561178
Ion Ratio Lower Upper
240 100
120 10.1 9.0 13.4
236 27.4 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

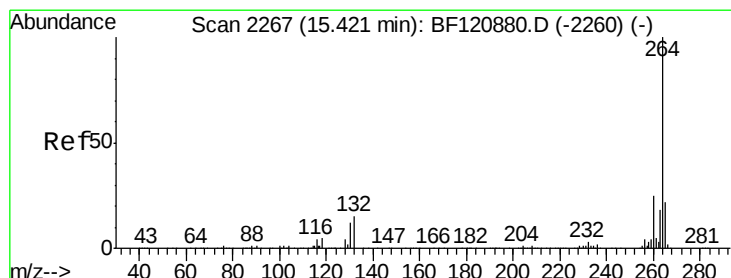
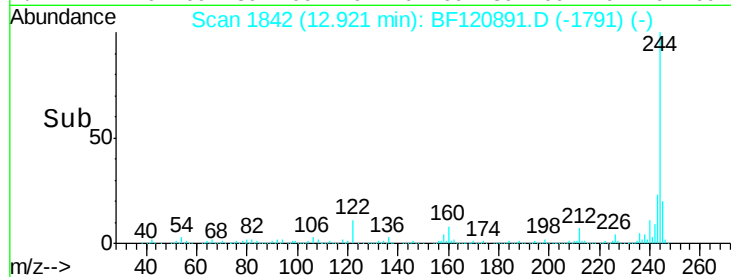
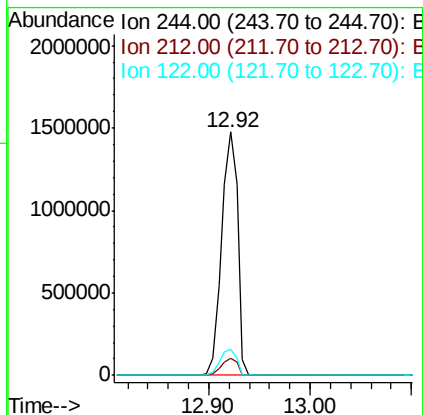
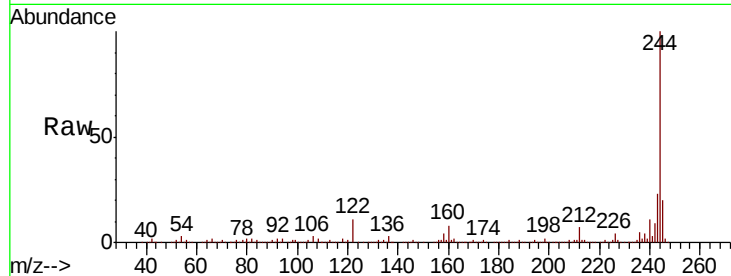




#79
 Terphenyl-d14
 Concen: 62.638 ng
 RT: 12.92 min Scan# 1842
 Delta R.T. 0.00 min
 Lab File: BF120891.D
 Acq: 16 Jul 2020 17:57

Instrument :
 BNA_F
 ClientSampleId :
 SU-03-071420

Tot Ion:244 Resp: 1617035
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.6 8.4
 122 10.8 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: BF120891.D
 Acq: 16 Jul 2020 17:57

Tgt Ion:264 Resp: 503016
 Ion Ratio Lower Upper
 264 100
 260 25.6 20.0 30.0
 265 21.9 17.4 26.2

