

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071620\
 Data File : BF120903.D
 Acq On : 16 Jul 2020 23:52
 Operator : JU/CG
 Sample : L3308-11
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 11

Quant Time: Jul 17 01:57:10 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

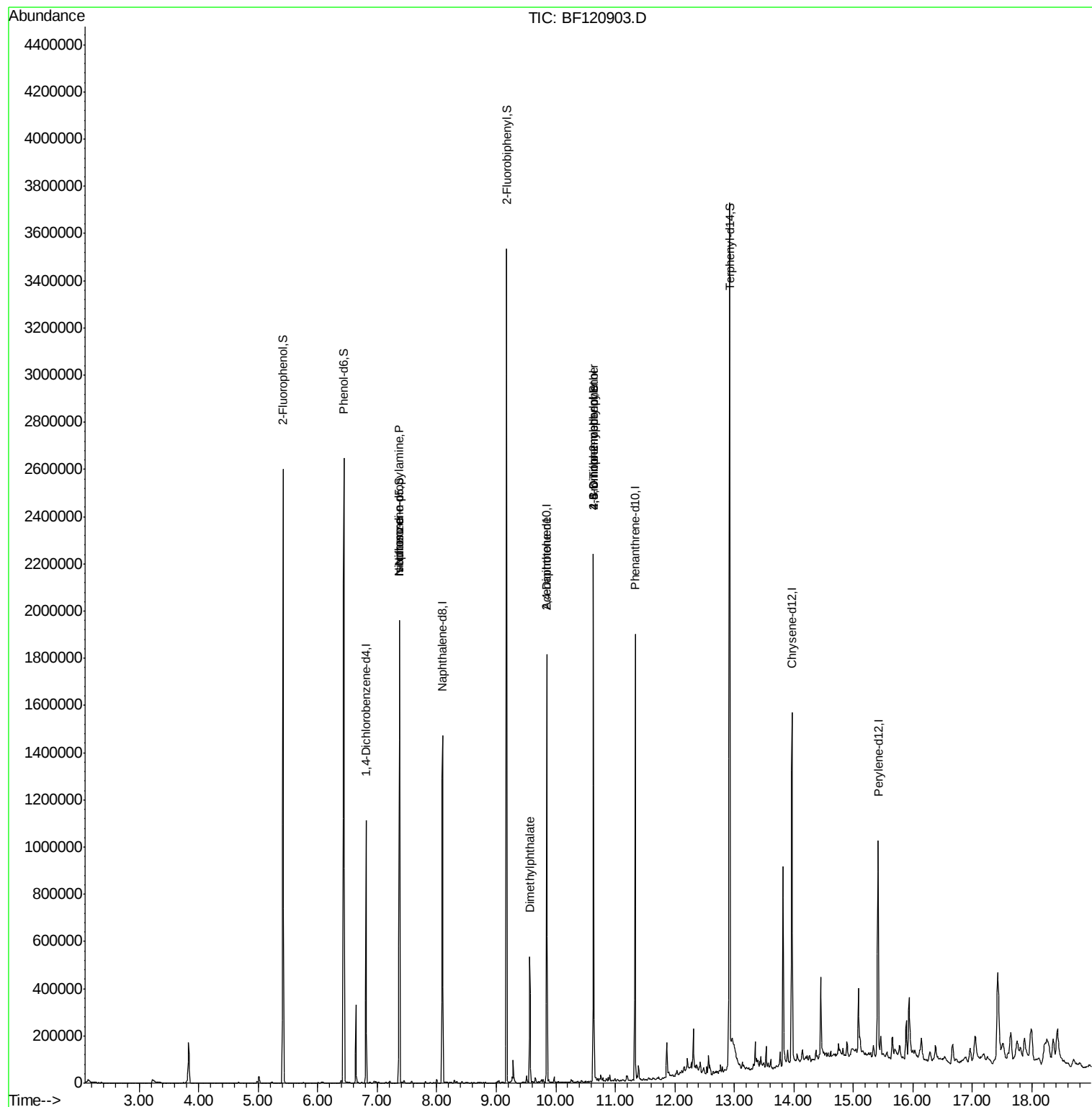
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	167443	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	641037	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	338214	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	647185	20.00	ng	0.00
76) Chrysene-d12	13.97	240	492474	20.00	ng	0.00
86) Perylene-d12	15.42	264	407870	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	760701	74.48	ng	0.00
7) Phenol-d6	6.44	99	947188	71.79	ng	0.00
23) Nitrobenzene-d5	7.37	82	568215	51.29	ng	0.00
42) 2,4,6-Tribromophenol	10.63	330	285614	77.15	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	1071111	47.28	ng	0.00
79) Terphenyl-d14	12.92	244	1162609	51.32	ng	0.00
Target Compounds						
9) Benzaldehyde	6.36	77	296	Below Cal	Qvalue	# 76
19) n-Nitroso-di-n-propylamine	7.37	70	73048	9.737 ng	#	77
25) Isophorone	7.37	82	567545	25.669 ng	#	63
50) Dimethylphthalate	9.56	163	192515	7.890 ng	#	99
57) 2,4-Dinitrotoluene	9.85	165	44123	6.409 ng	#	27
65) 4,6-Dinitro-2-methylphenol	10.63	198	580	3.985 ng	#	1
67) 4-Bromophenyl-phenylether	10.63	248	16904	2.343 ng	#	1

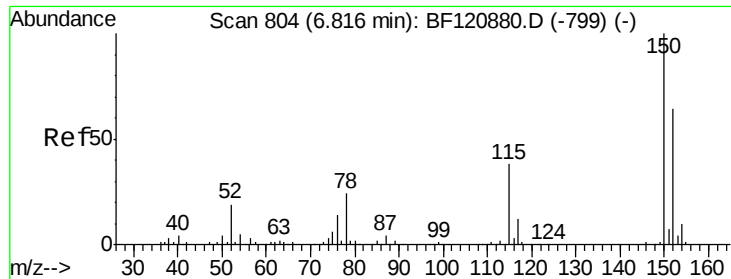
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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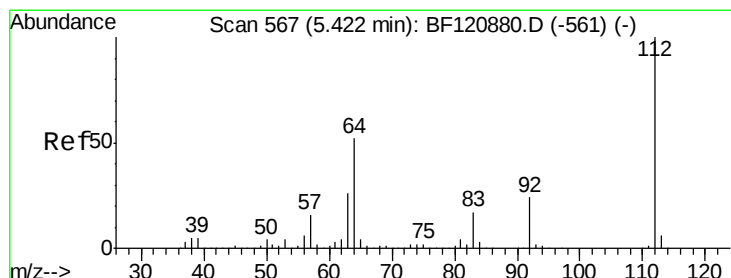
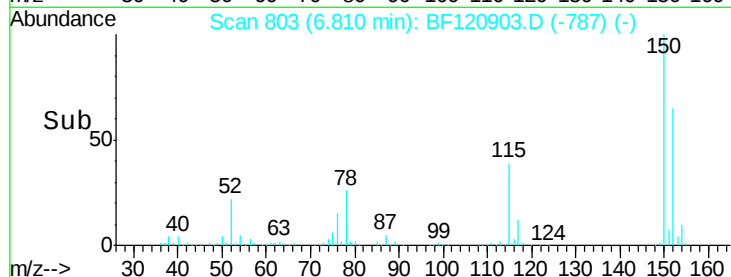
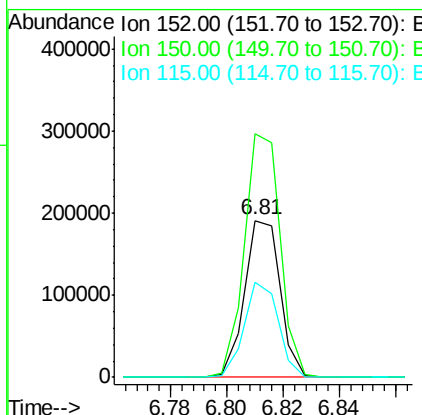
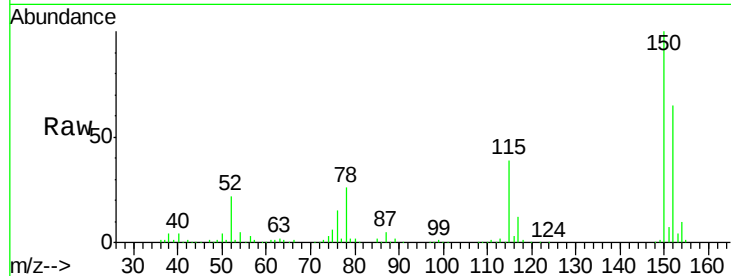


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. -0.01 min
Lab File: BF120903.D
Acq: 16 Jul 2020 23:52

Instrument :
BNA_F
ClientSampleId :
11

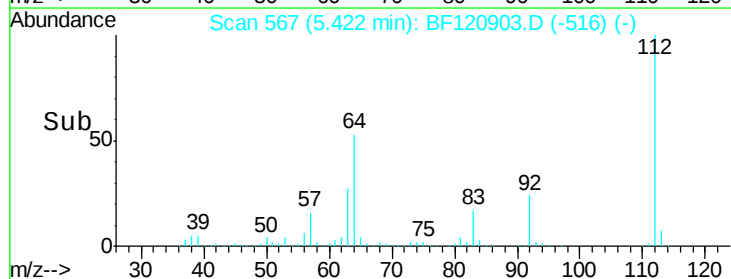
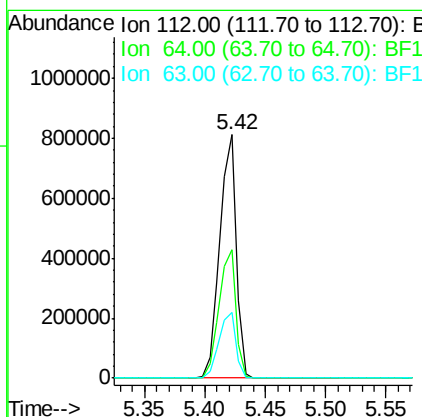
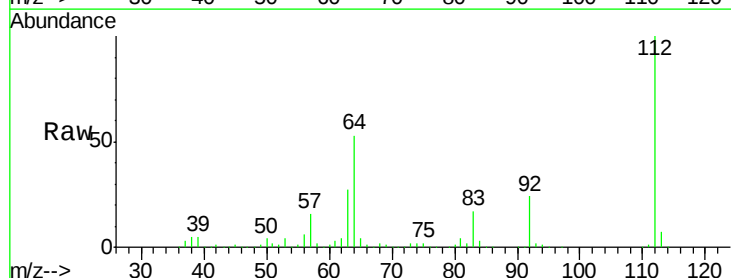
Tot Ion:152 Resp: 167443
Ion Ratio Lower Upper
152 100
150 155.0 125.0 187.6
115 60.3 47.0 70.4

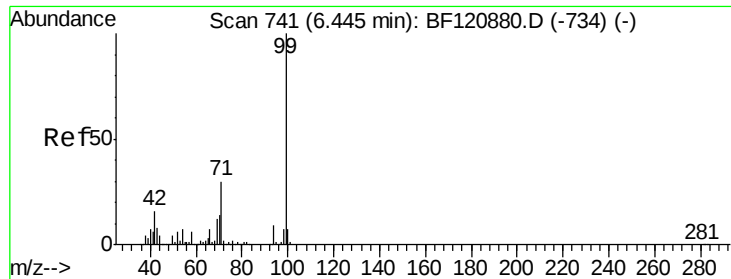


#5

2-Fluorophenol
Concen: 74.477 ng
RT: 5.42 min Scan# 567
Delta R.T. 0.00 min
Lab File: BF120903.D
Acq: 16 Jul 2020 23:52

Tgt Ion:112 Resp: 760701
Ion Ratio Lower Upper
112 100
64 52.7 41.3 61.9
63 26.9 21.1 31.7





#7

Phenol-d6

Concen: 71.790 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.01 min

Lab File: BF120903.D

Acq: 16 Jul 2020 23:52

Instrument :

BNA_F

ClientSampleId :

11

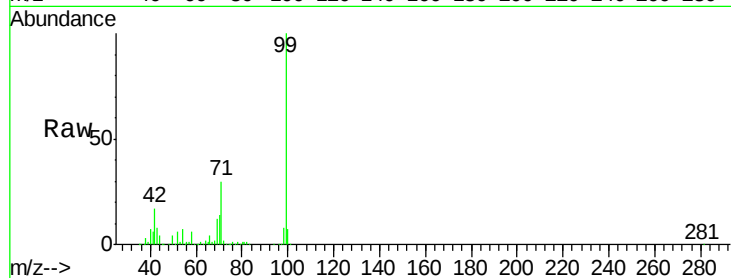
Tot Ion: 99 Resp: 947188

Ion Ratio Lower Upper

99 100

42 16.5 13.1 19.7

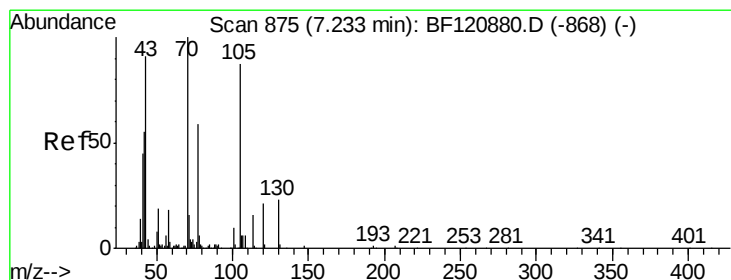
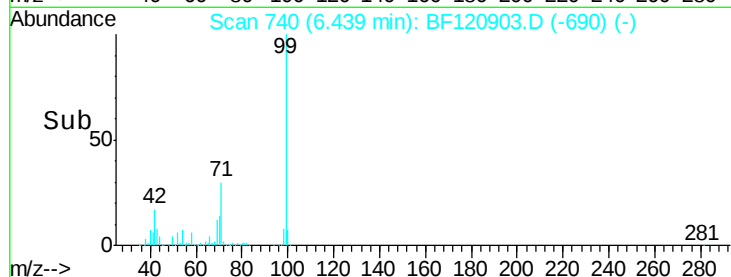
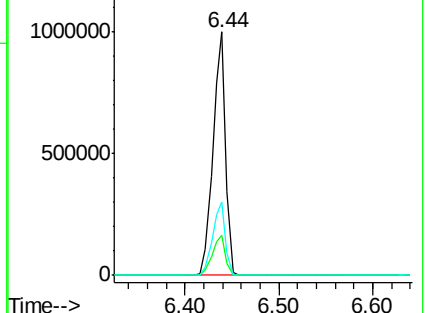
71 30.2 24.2 36.4



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#19

n-Nitroso-di-n-propylamine

Concen: 9.737 ng

RT: 7.37 min Scan# 899

Delta R.T. 0.14 min

Lab File: BF120903.D

Acq: 16 Jul 2020 23:52

Tgt Ion: 70 Resp: 73048

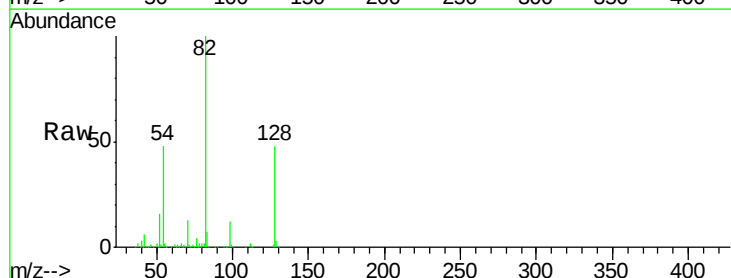
Ion Ratio Lower Upper

70 100

42 45.2 44.0 66.0

101 0.0 7.8 11.6#

130 2.6 18.7 28.1#

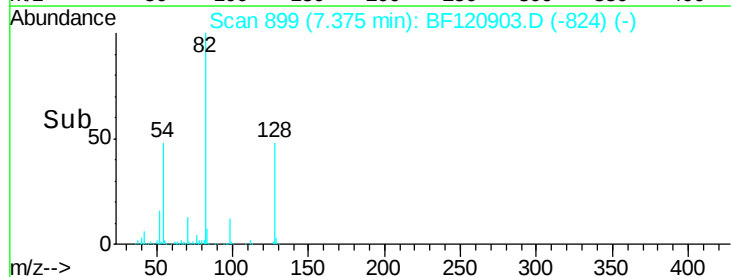
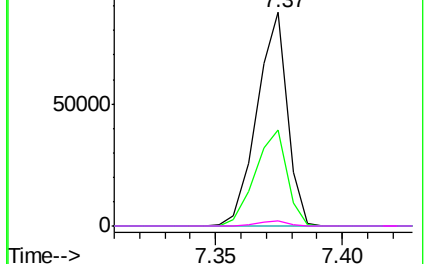


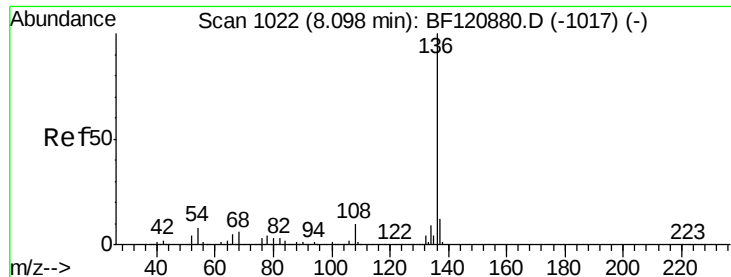
Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1

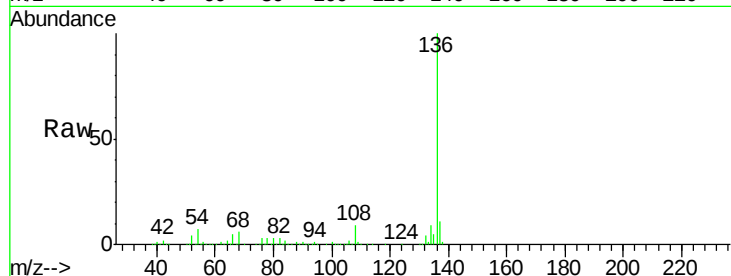




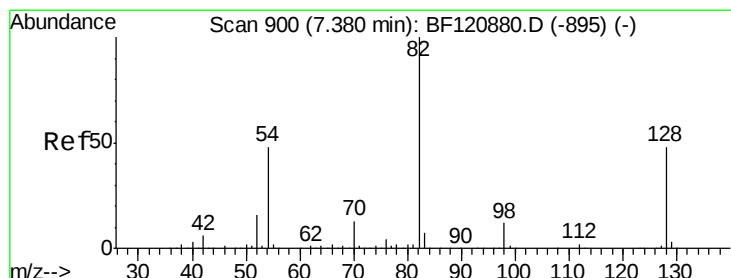
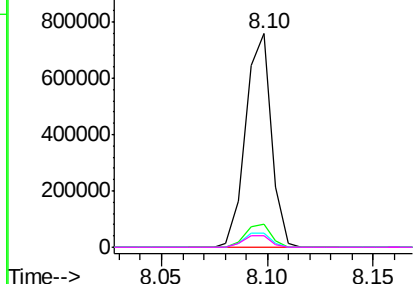
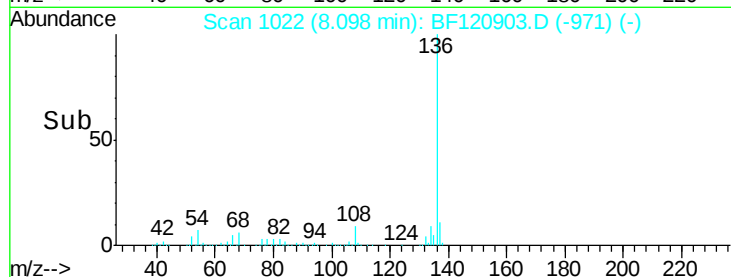
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.10 min Scan# 1022
Delta R.T. 0.00 min
Lab File: BF120903.D
Acq: 16 Jul 2020 23:52

Instrument :
BNA_F
ClientSampleId :
11

Tot Ion:	136	Resp:	641037
Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.3	13.9
54	6.7	6.3	9.5
68	5.6	5.0	7.4

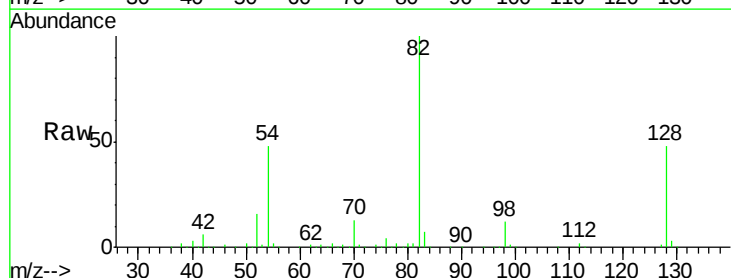


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

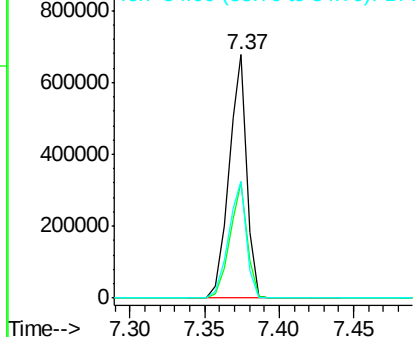
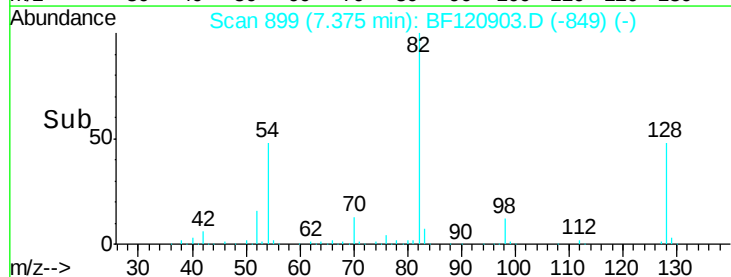


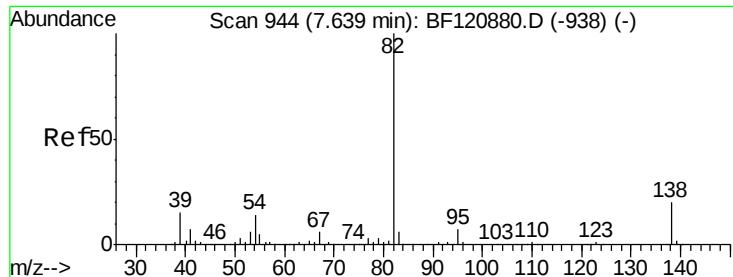
#23
Nitrobenzene-d5
Concen: 51.290 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.01 min
Lab File: BF120903.D
Acq: 16 Jul 2020 23:52

Tgt Ion:	82	Resp:	568215
Ion	Ratio	Lower	Upper
82	100		
128	47.7	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

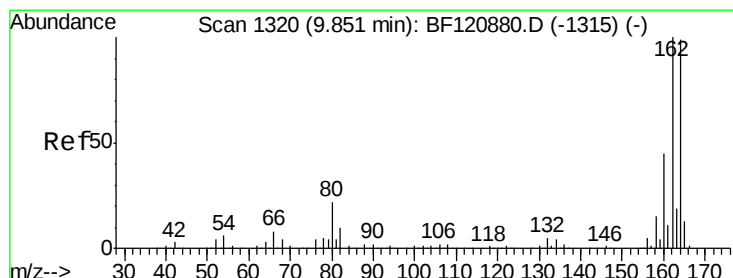
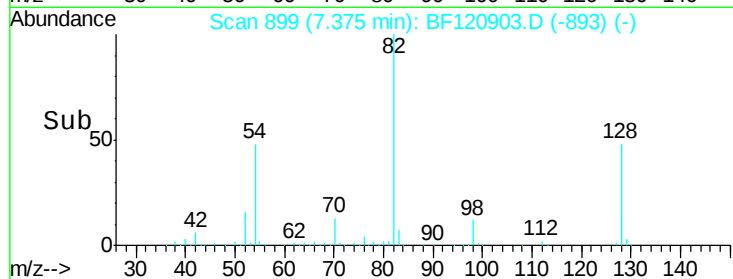
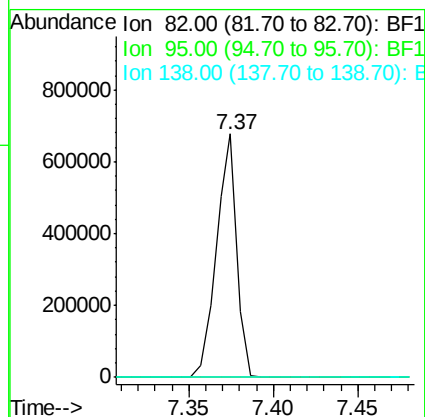
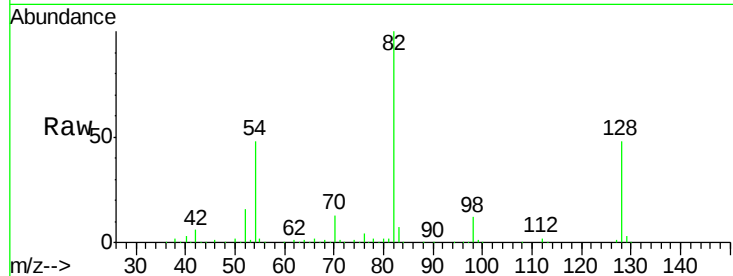




#25
Isophorone
Concen: 25.669 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.26 min
Lab File: BF120903.D
Acq: 16 Jul 2020 23:52

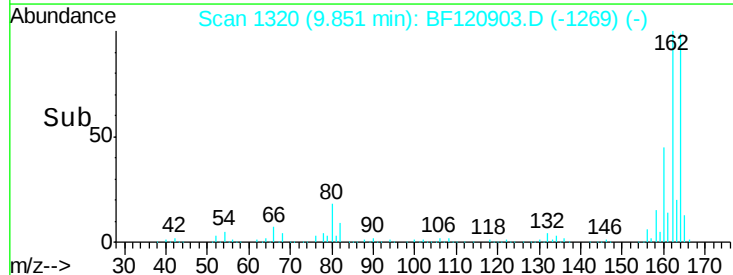
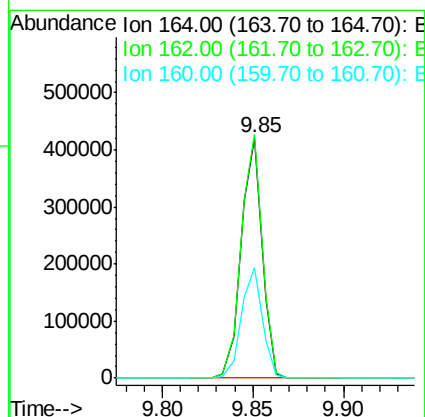
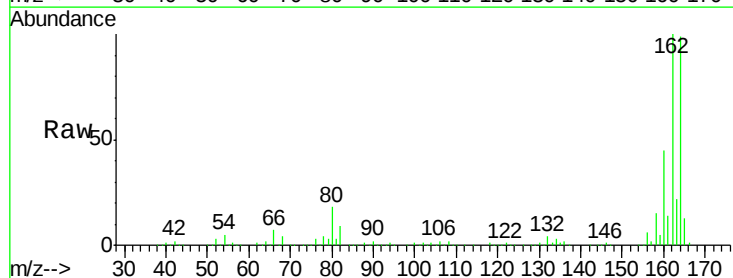
Instrument :
BNA_F
ClientSampleId :
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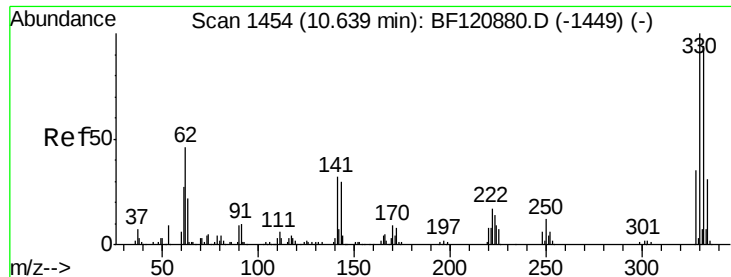
Tot Ion: 82 Resp: 567545
Ion Ratio Lower Upper
82 100
95 0.0 5.5 8.3#
138 0.0 15.6 23.4#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1320
Delta R.T. 0.00 min
Lab File: BF120903.D
Acq: 16 Jul 2020 23:52

Tgt Ion:164 Resp: 338214
Ion Ratio Lower Upper
164 100
162 101.3 81.2 121.8
160 45.8 36.9 55.3

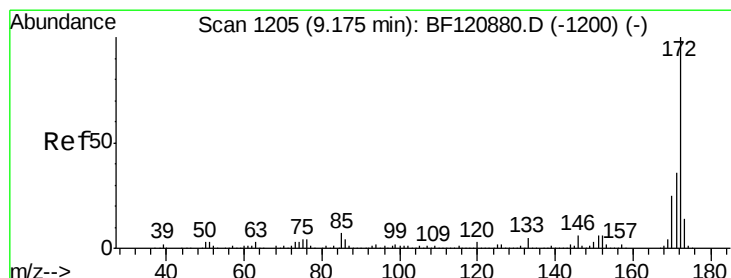
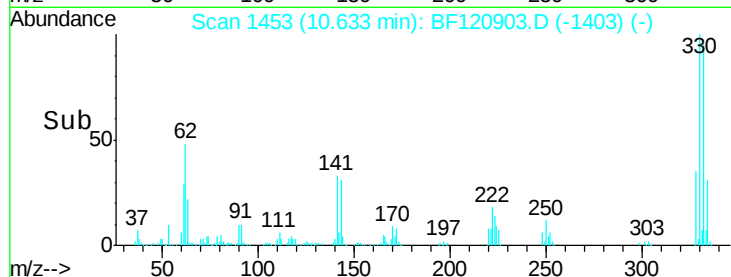
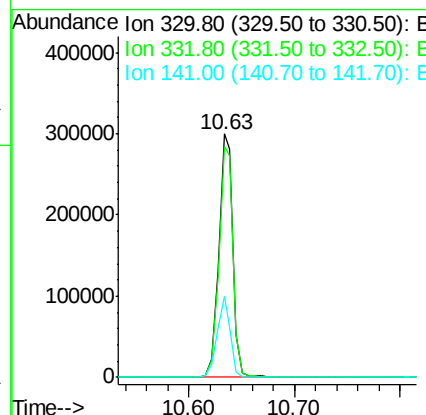
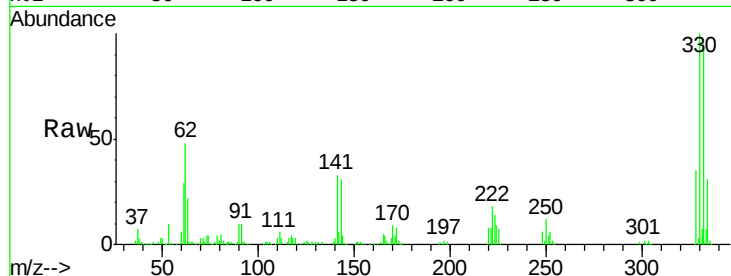




#42
 2,4,6-Tribromophenol
 Concen: 77.149 ng
 RT: 10.63 min Scan# 1453
 Delta R.T. -0.01 min
 Lab File: BF120903.D
 Acq: 16 Jul 2020 23:52

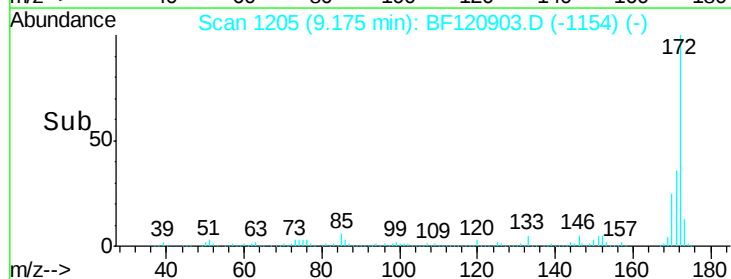
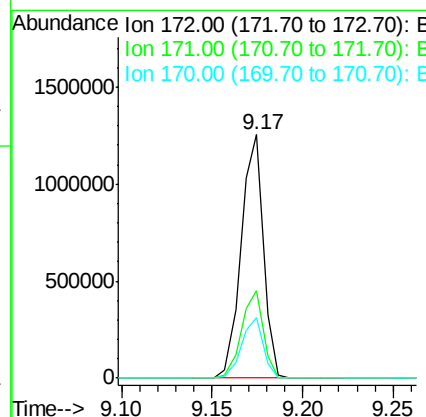
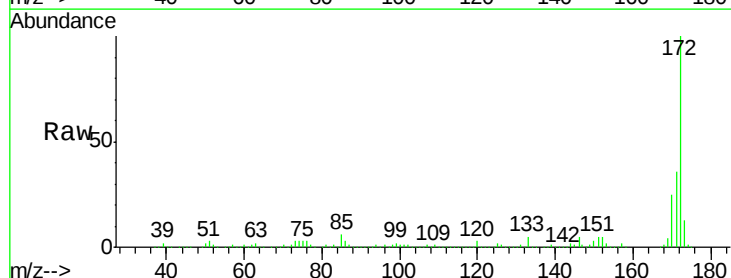
Instrument :
 BNA_F
 ClientSampleId :
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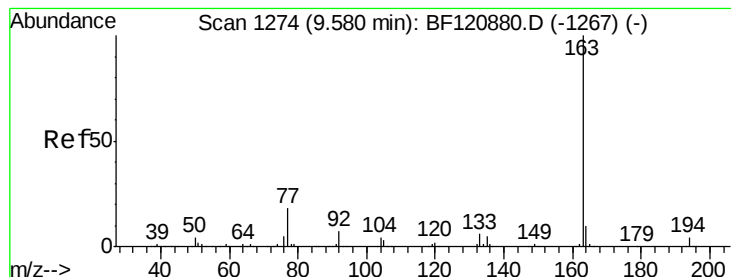
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.1	75.5	113.3
141	31.0	25.7	38.5



#45
 2-Fluorobiphenyl
 Concen: 47.284 ng
 RT: 9.17 min Scan# 1205
 Delta R.T. 0.00 min
 Lab File: BF120903.D
 Acq: 16 Jul 2020 23:52

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.0	43.4
170	24.7	19.6	29.4





#50

Dimethylphthalate

Concen: 7.890 ng

RT: 9.56 min Scan# 1271

Delta R.T. -0.02 min

Lab File: BF120903.D

Acq: 16 Jul 2020 23:52

Instrument :

BNA_F

ClientSampleId :

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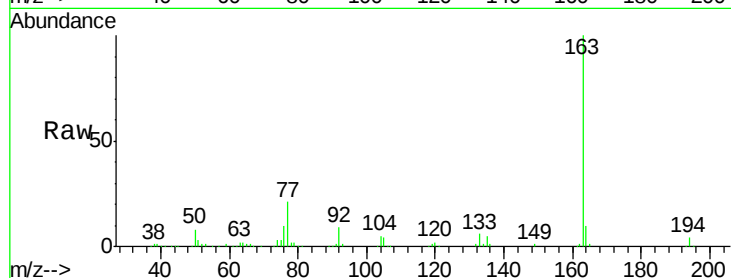
Tot Ion:163 Resp: 192515

Ion Ratio Lower Upper

163 100

194 3.7 3.2 4.8

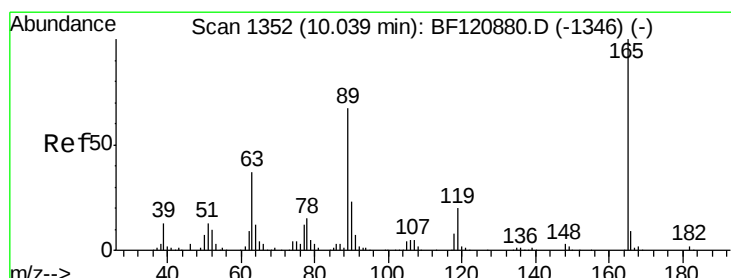
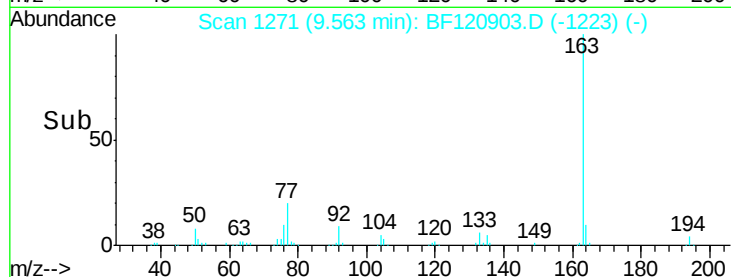
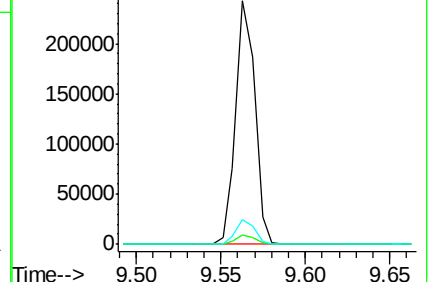
164 10.3 7.9 11.9



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



#57

2,4-Dinitrotoluene

Concen: 6.409 ng

RT: 9.85 min Scan# 1320

Delta R.T. -0.19 min

Lab File: BF120903.D

Acq: 16 Jul 2020 23:52

Tgt Ion:165 Resp: 44123

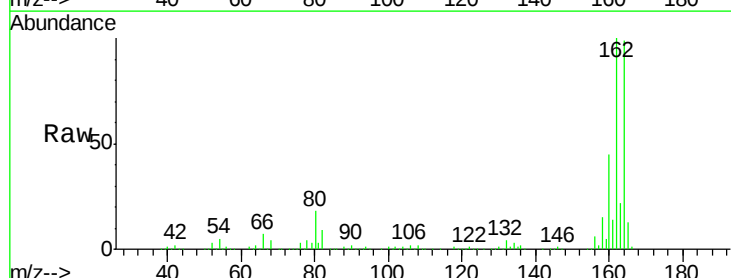
Ion Ratio Lower Upper

165 100

63 1.0 29.4 44.2#

89 1.2 53.4 80.0#

182 0.0 1.8 2.6#

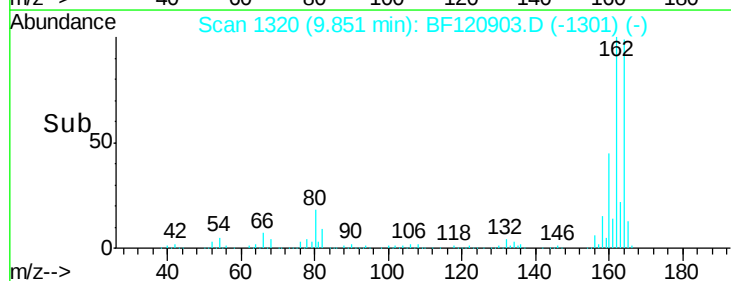
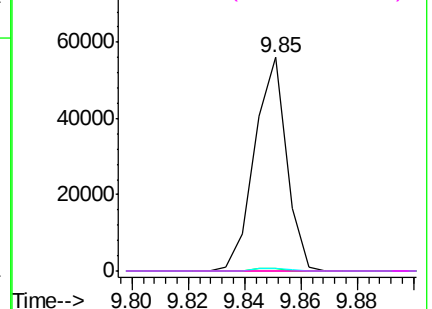


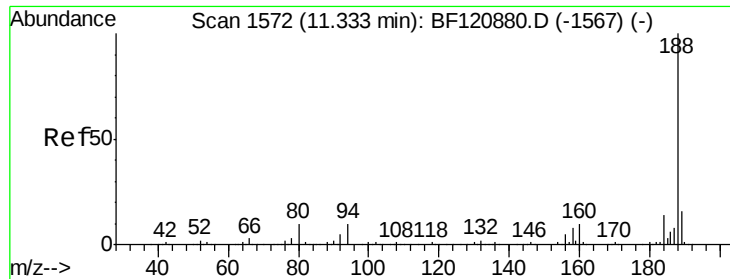
Abundance Ion 165.00 (164.70 to 165.70): E

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

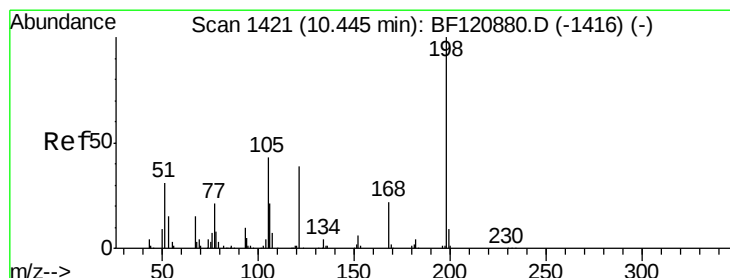
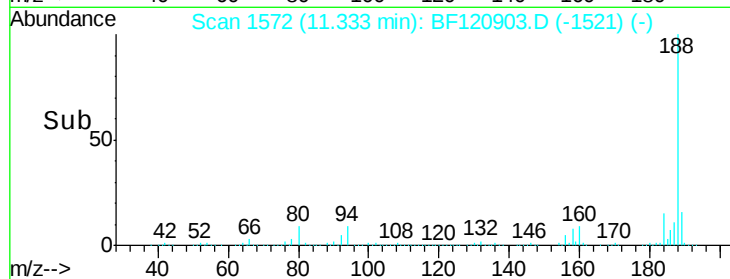
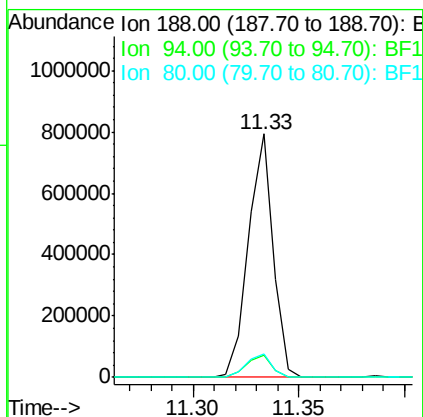
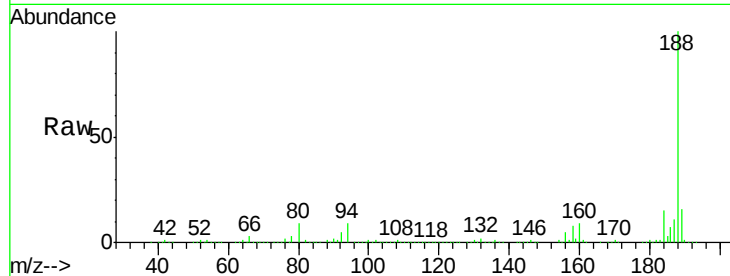




#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.33 min Scan# 1572
 Delta R.T. 0.00 min
 Lab File: BF120903.D
 Acq: 16 Jul 2020 23:52

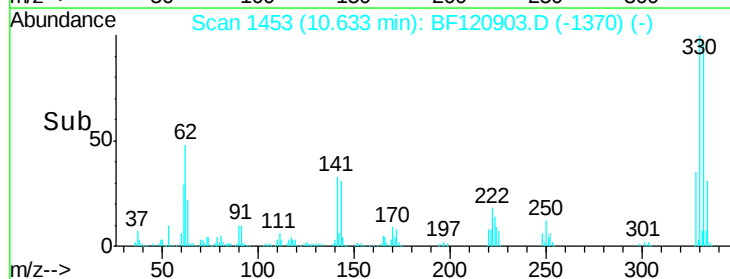
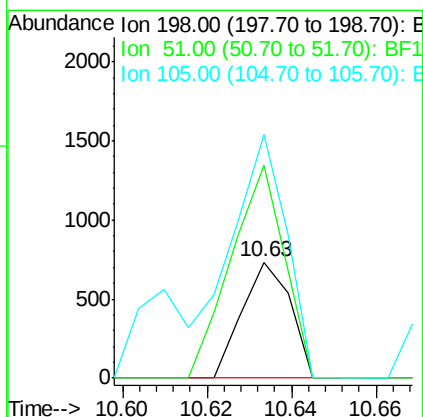
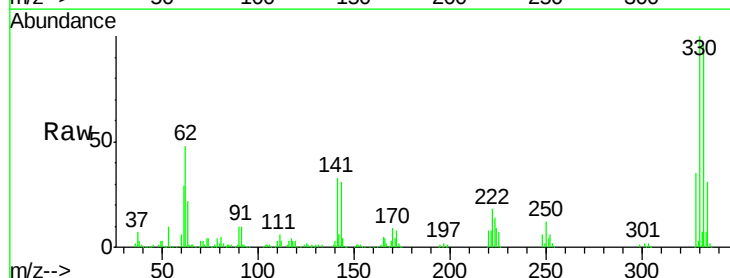
Instrument :
 BNA_F
 ClientSampleId :
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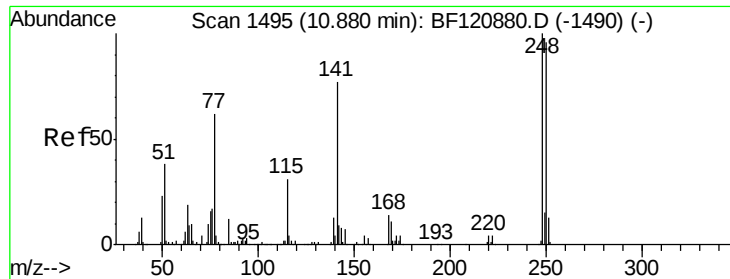
Tot Ion	Ratio	Lower	Upper
188	100		
94	9.0	8.0	12.0
80	9.4	8.3	12.5



#65
 4,6-Dinitro-2-methylphenol
 Concen: 3.985 ng
 RT: 10.63 min Scan# 1453
 Delta R.T. 0.19 min
 Lab File: BF120903.D
 Acq: 16 Jul 2020 23:52

Tgt Ion	Ratio	Lower	Upper
198	100		
51	183.8	19.5	59.5#
105	209.7	24.4	64.4#

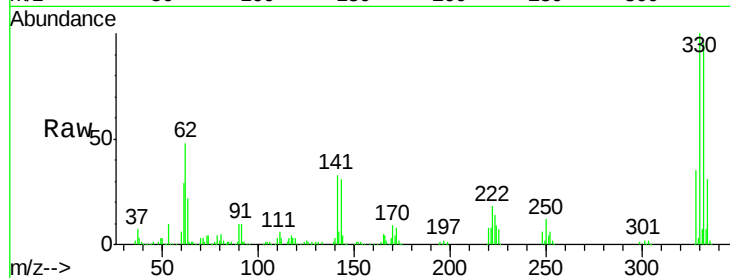




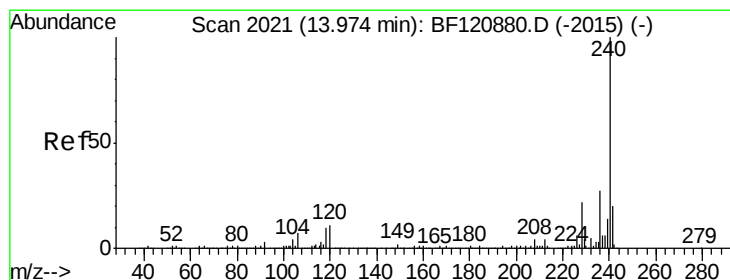
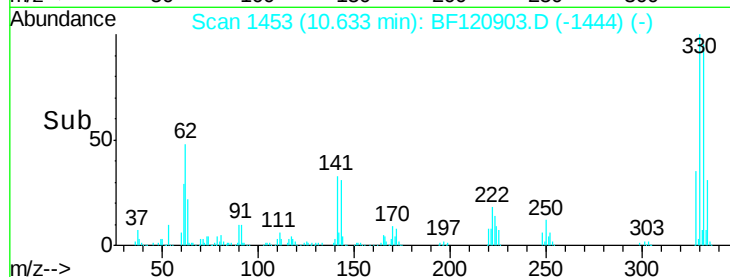
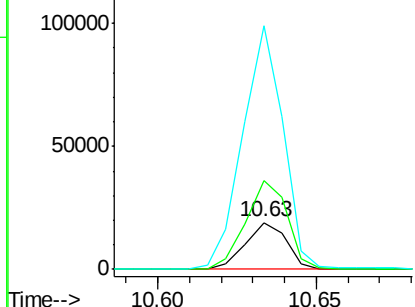
#67
 4-Bromophenyl-phenylether
 Concen: 2.343 ng
 RT: 10.63 min Scan# 1453
 Delta R.T. -0.25 min
 Lab File: BF120903.D
 Acq: 16 Jul 2020 23:52

Instrument :
 BNA_F
 ClientSampled :
 11

Tot Ion:248 Resp: 16904
 Ion Ratio Lower Upper
 248 100
 250 188.9 77.1 115.7#
 141 518.2 61.2 91.8#

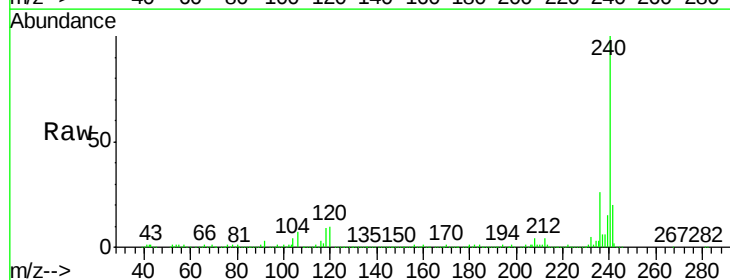


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

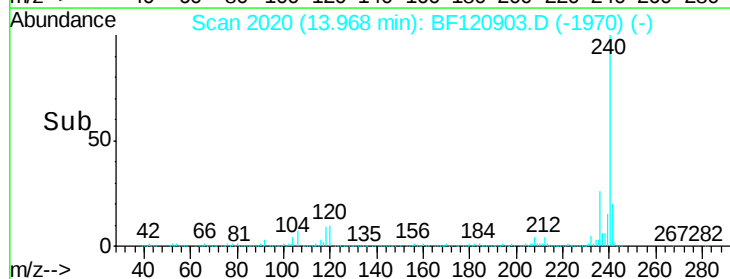
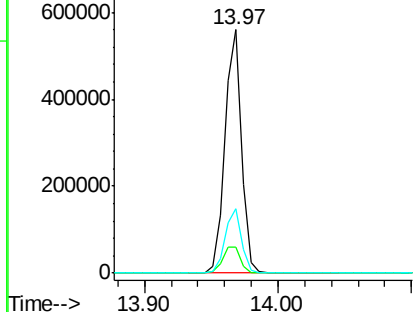


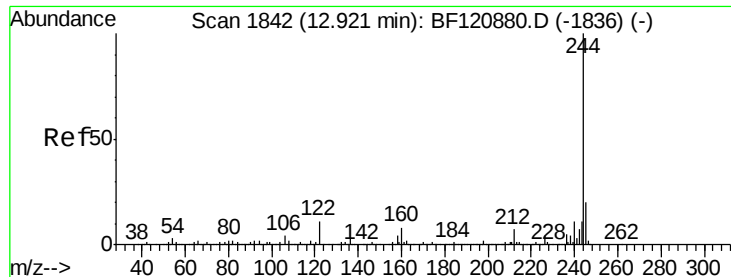
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.97 min Scan# 2020
 Delta R.T. -0.01 min
 Lab File: BF120903.D
 Acq: 16 Jul 2020 23:52

Tgt Ion:240 Resp: 492474
 Ion Ratio Lower Upper
 240 100
 120 10.5 9.0 13.4
 236 26.3 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: 51.318 ng

RT: 12.92 min Scan# 1842

Delta R.T. 0.00 min

Lab File: BF120903.D

Acq: 16 Jul 2020 23:52

Instrument :

BNA_F

ClientSampleId :

11

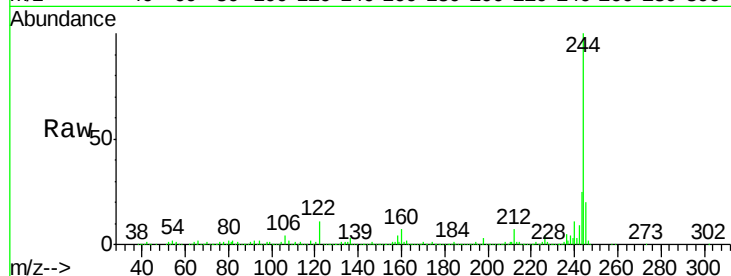
Tot Ion:244 Resp: 1162609

Ion Ratio Lower Upper

244 100

212 7.2 5.6 8.4

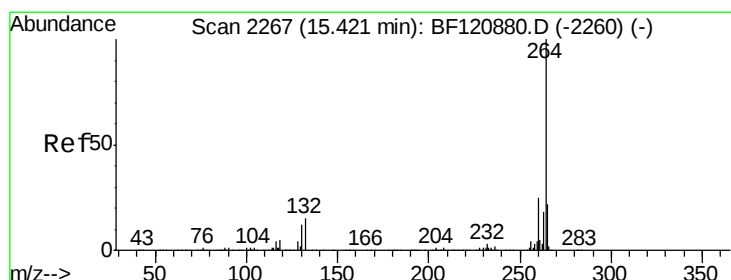
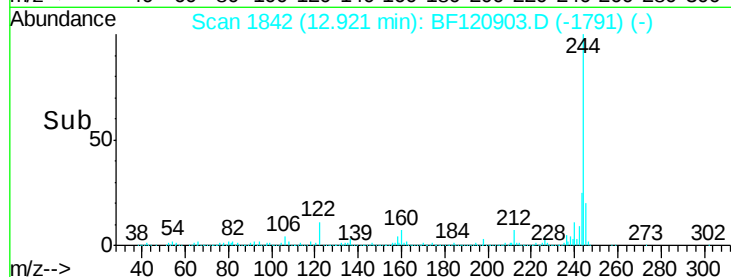
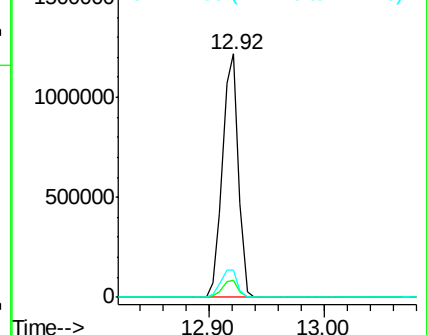
122 11.3 8.9 13.3



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

Perylene-d12

Concen: 20.000 ng

RT: 15.42 min Scan# 2266

Delta R.T. -0.01 min

Lab File: BF120903.D

Acq: 16 Jul 2020 23:52

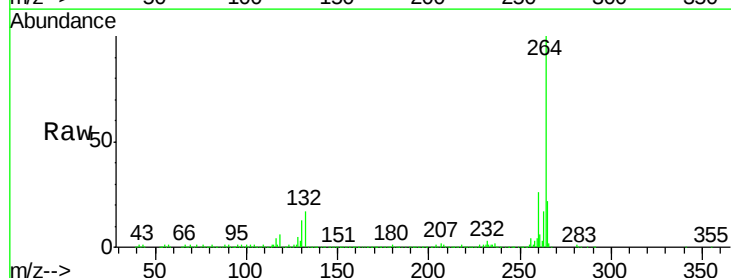
Tgt Ion:264 Resp: 407870

Ion Ratio Lower Upper

264 100

260 25.8 20.0 30.0

265 22.1 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

