

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092420\
 Data File : BF121687.D
 Acq On : 24 Sep 2020 17:52
 Operator : JU/CG
 Sample : L4133-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW1S

Quant Time: Sep 24 18:54:22 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 22 17:53:26 2020
 Response via : Initial Calibration

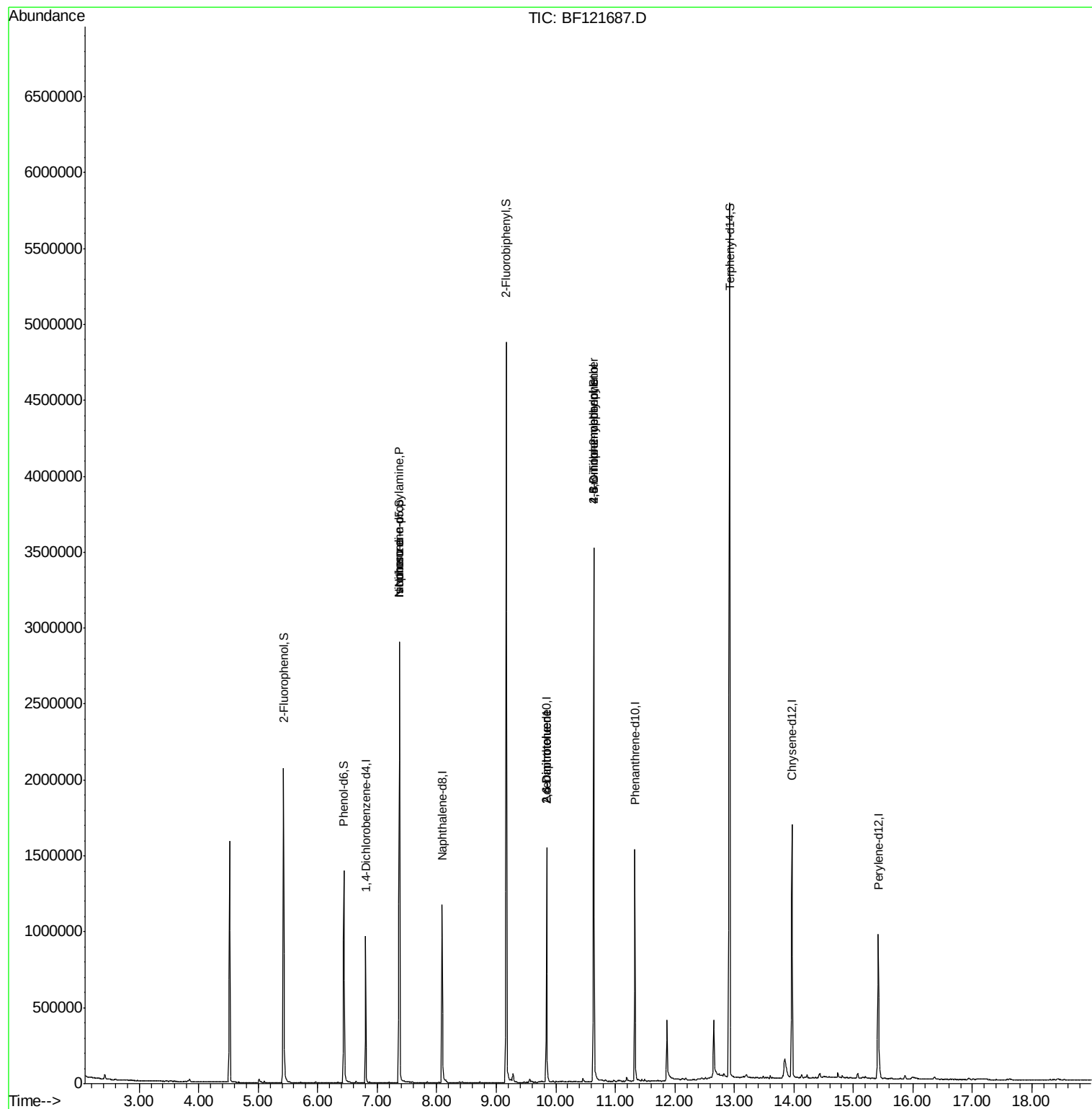
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	143082	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	559282	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	297065	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	586935	20.00	ng	-0.01
76) Chrysene-d12	13.97	240	552790	20.00	ng	-0.01
86) Perylene-d12	15.42	264	474274	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	575918	59.82	ng	0.00
7) Phenol-d6	6.44	99	469246	37.15	ng	-0.01
23) Nitrobenzene-d5	7.37	82	995234	95.54	ng	0.00
42) 2,4,6-Tribromophenol	10.64	330	514341	139.31	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	1624386	82.82	ng	0.00
79) Terphenyl-d14	12.92	244	2230516	81.75	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.37	70	135285	18.584	ng	# 79
25) Isophorone	7.37	82	989841	47.206	ng	# 67
51) 2,6-Dinitrotoluene	9.85	165	38229	8.337	ng	# 24
57) 2,4-Dinitrotoluene	9.85	165	38229	6.627	ng	# 24
65) 4,6-Dinitro-2-methylphenol	10.63	198	978	7.085	ng	# 1
67) 4-Bromophenyl-phenylether	10.64	248	29352	4.392	ng	# 1

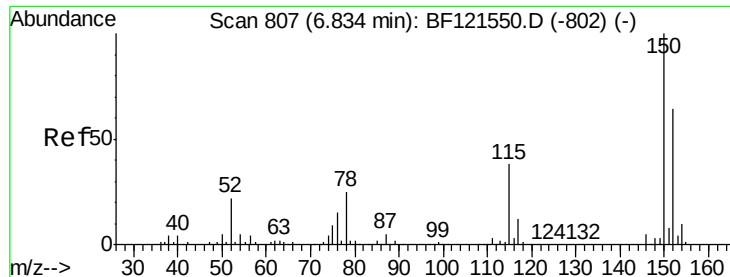
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc :
ALS Vial : 11 Sample Multiplier: 1

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091020.M
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QLast Update : Tue Sep 22 17:53:26 2020
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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.81 min Scan# 803

Delta R.T. -0.00 min

Lab File: BF121687.D

Acq: 24 Sep 2020 17:52

Instrument :

BNA_F

ClientSampleId :

MW1S

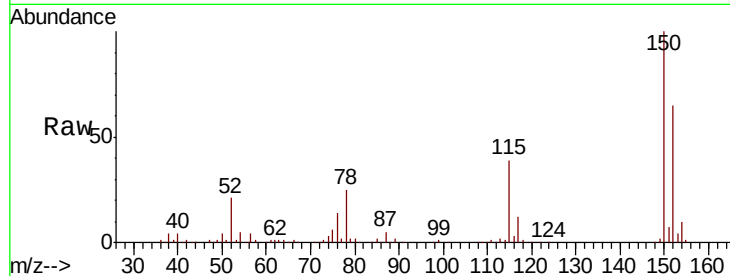
Tot Ion:152 Resp: 143082

Ion Ratio Lower Upper

152 100

150 154.7 128.1 192.1

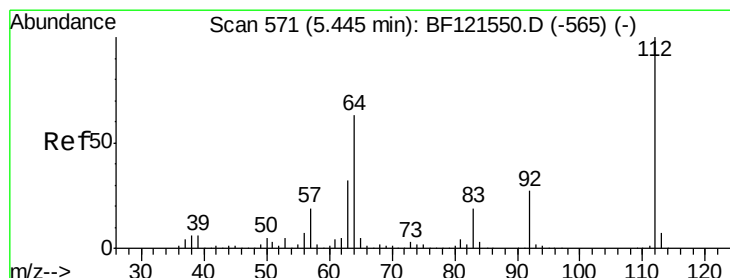
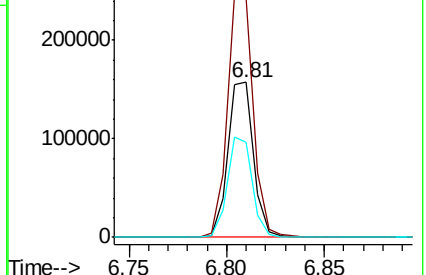
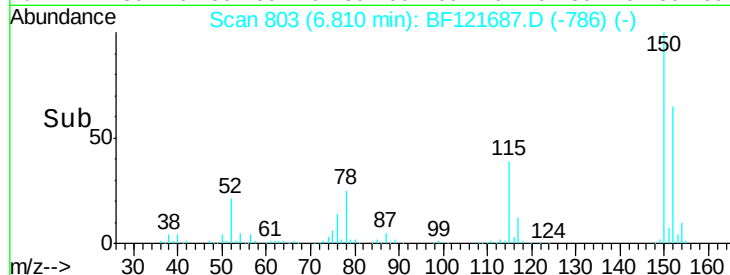
115 61.1 52.6 79.0



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: 59.818 ng

RT: 5.43 min Scan# 568

Delta R.T. -0.00 min

Lab File: BF121687.D

Acq: 24 Sep 2020 17:52

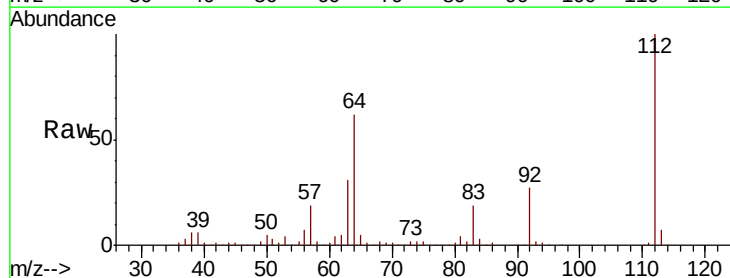
Tgt Ion:112 Resp: 575918

Ion Ratio Lower Upper

112 100

64 61.9 52.2 78.2

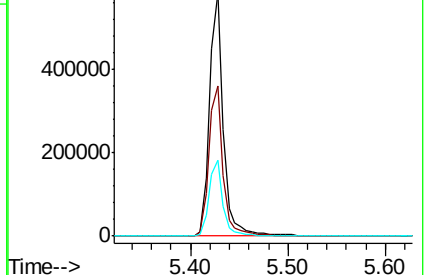
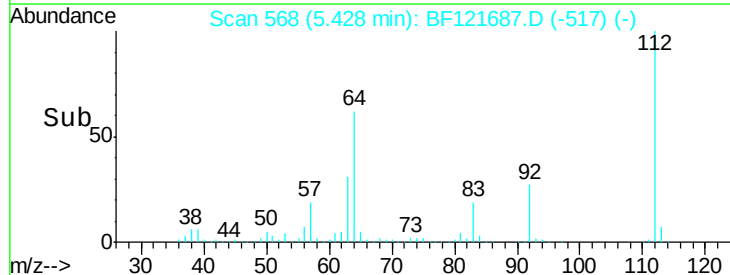
63 31.5 26.6 39.8

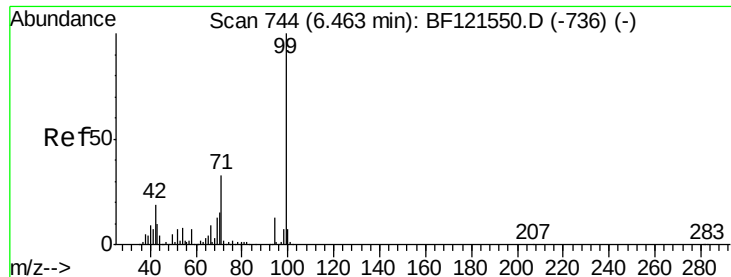


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 37.150 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.01 min

Lab File: BF121687.D

Acq: 24 Sep 2020 17:52

Instrument :

BNA_F

ClientSampleId :

MW1S

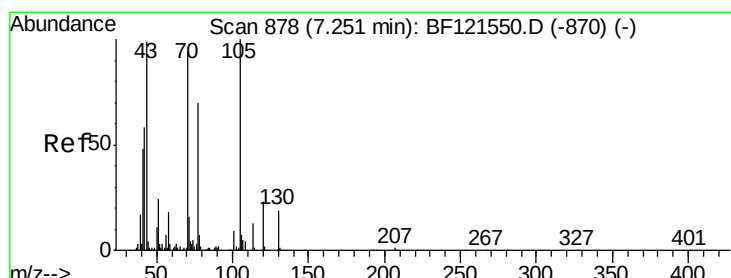
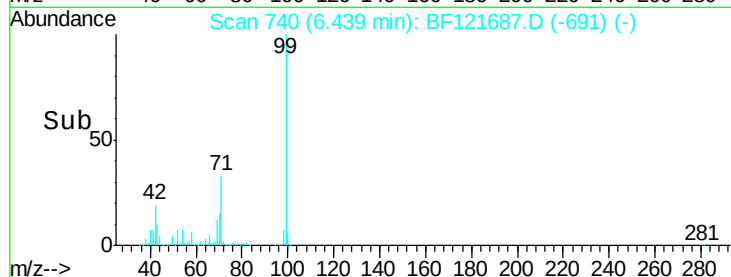
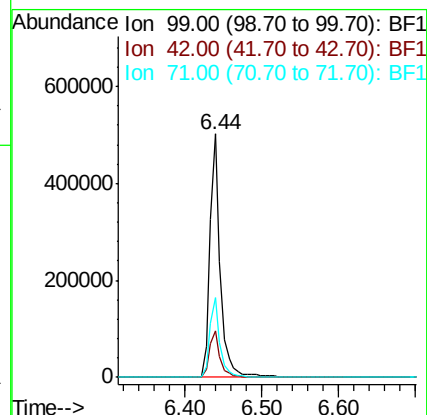
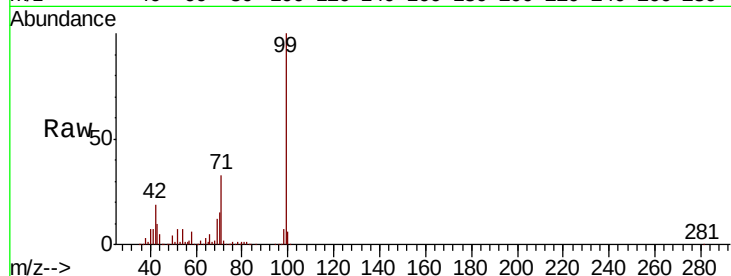
Tot Ion: 99 Resp: 469246

Ion Ratio Lower Upper

99 100

42 19.2 15.5 23.3

71 32.8 27.4 41.2



#19

n-Nitroso-di-n-propylamine

Concen: 18.584 ng

RT: 7.37 min Scan# 899

Delta R.T. 0.15 min

Lab File: BF121687.D

Acq: 24 Sep 2020 17:52

Tgt Ion: 70 Resp: 135285

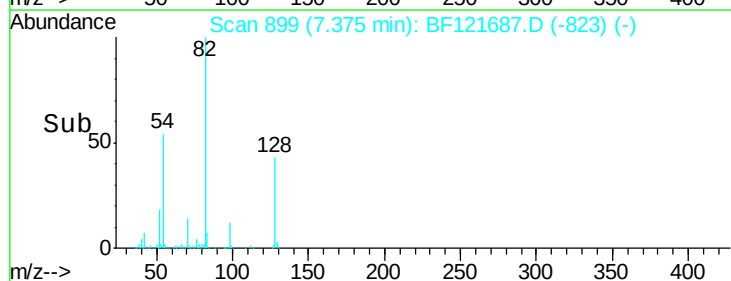
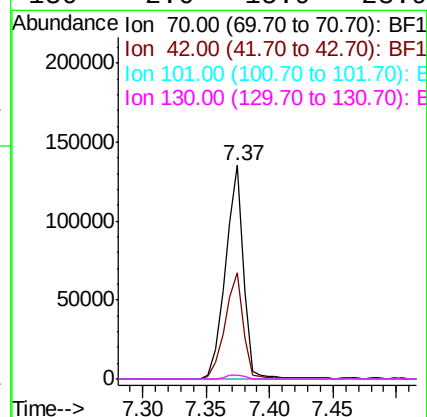
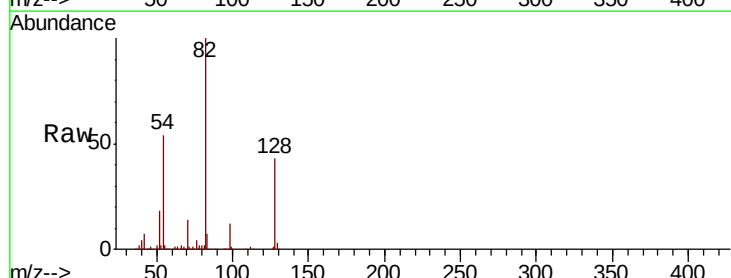
Ion Ratio Lower Upper

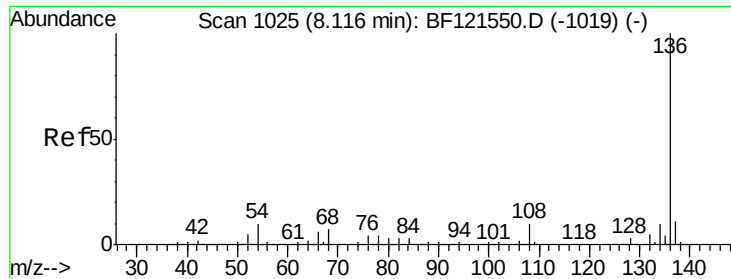
70 100

42 49.8 48.3 72.5

101 0.0 7.6 11.4#

130 2.0 15.9 23.9#

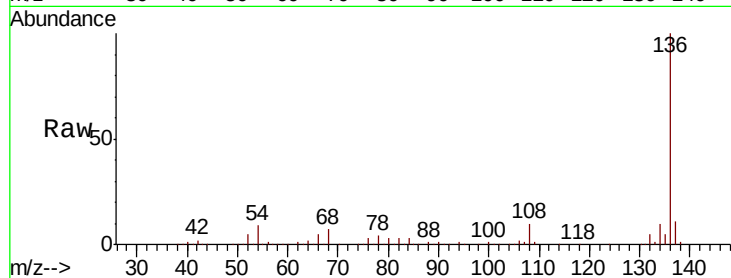




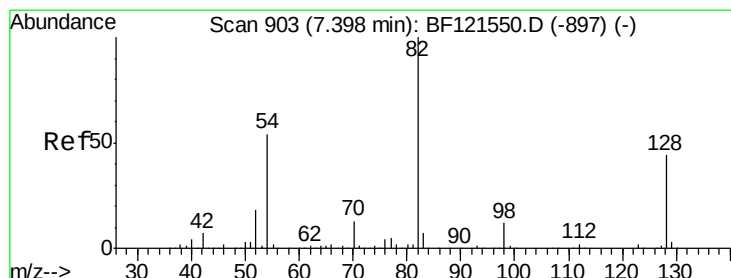
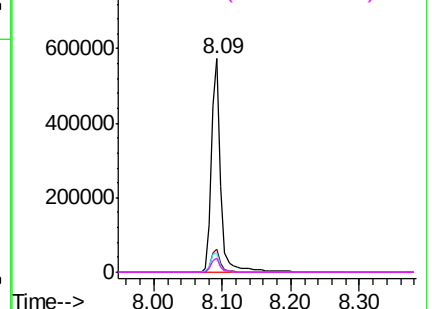
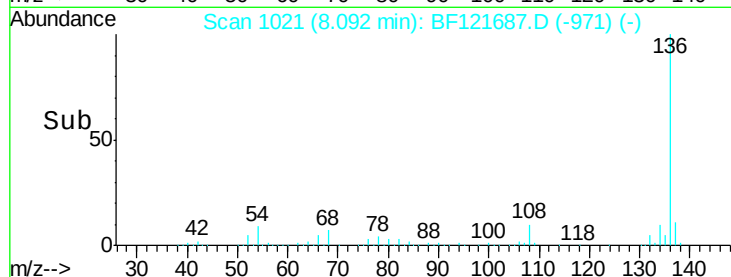
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BF121687.D
Acq: 24 Sep 2020 17:52

Instrument :
BNA_F
ClientSampleId :
MW1S

Tot Ion:136	Resp:	559282
Ion Ratio	Lower	Upper
136	100	
137	10.8	8.9 13.3
54	8.9	7.4 11.0
68	6.6	5.3 7.9

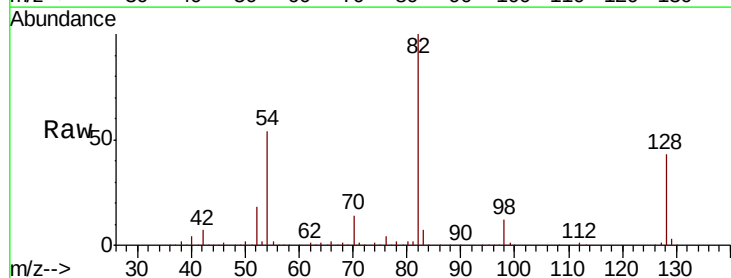


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

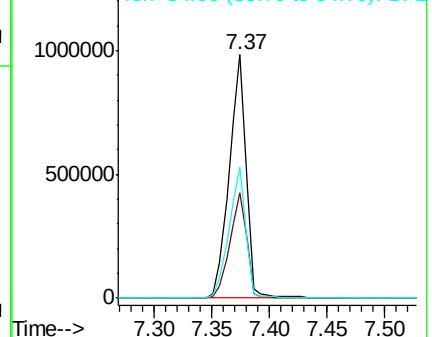
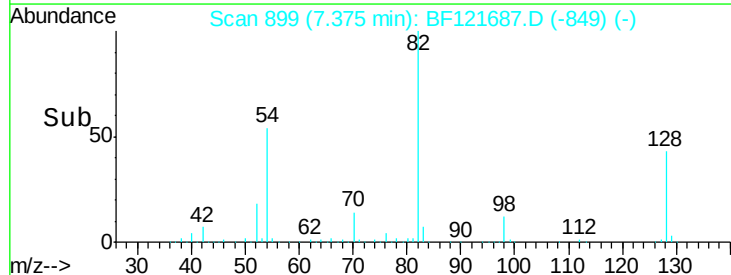


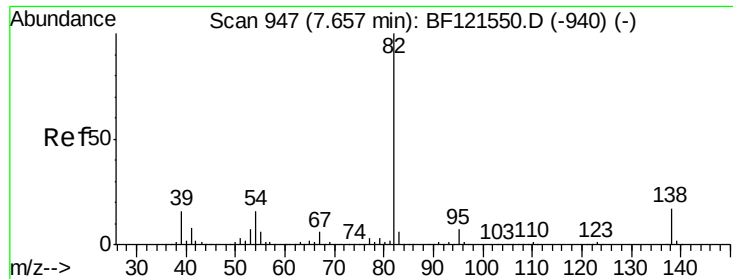
#23
Nitrobenzene-d5
Concen: 95.544 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.01 min
Lab File: BF121687.D
Acq: 24 Sep 2020 17:52

Tgt Ion: 82	Resp:	995234
Ion Ratio	Lower	Upper
82	100	
128	43.1	33.9 50.9
54	53.6	42.9 64.3



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

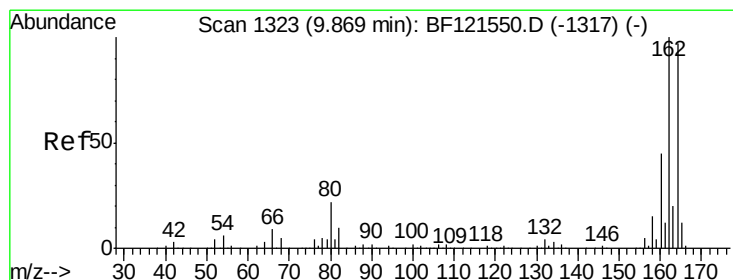
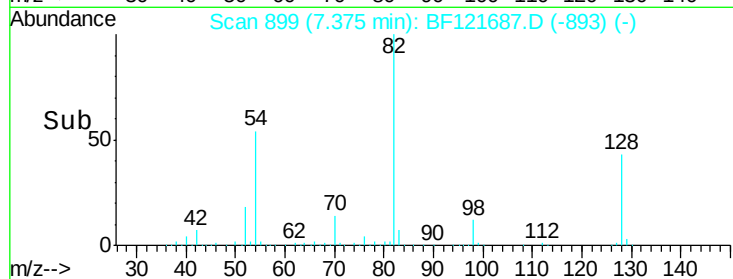
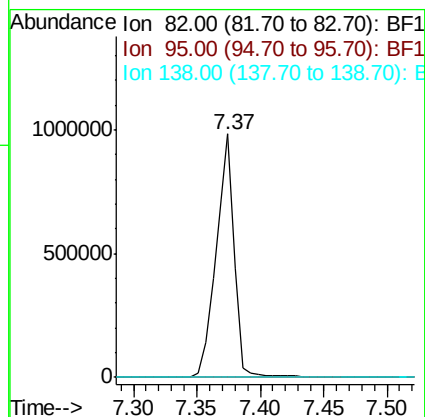
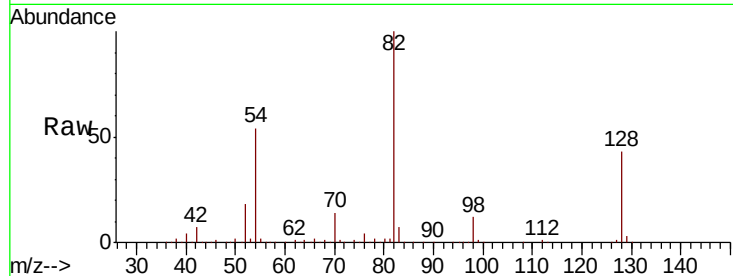




#25
Isophorone
Concen: 47.206 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.26 min
Lab File: BF121687.D
Acq: 24 Sep 2020 17:52

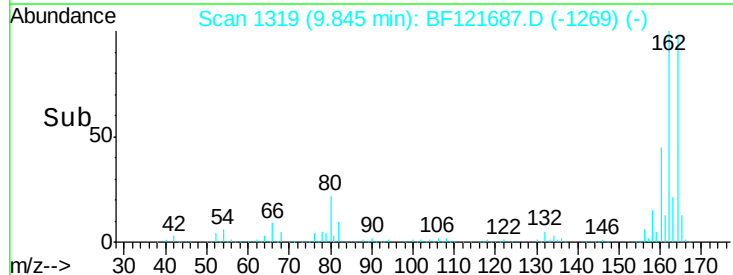
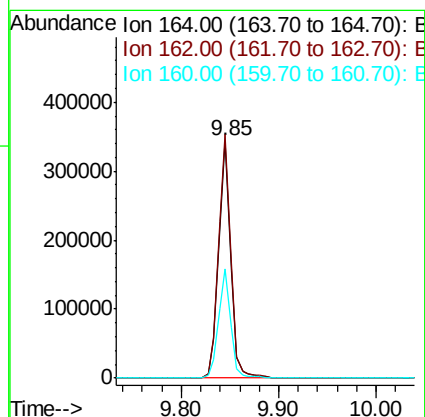
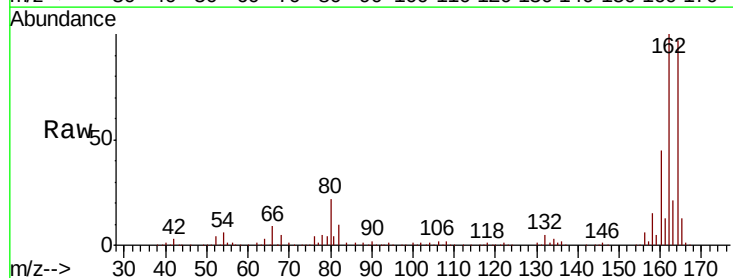
Instrument :
BNA_F
ClientSampled :
MW1S

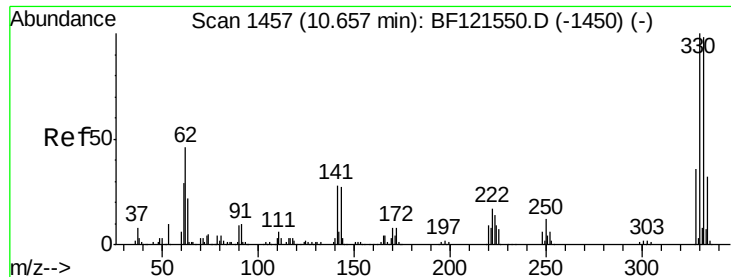
Tot Ion: 82 Resp: 989841
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 13.2 19.8#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1319
Delta R.T. -0.01 min
Lab File: BF121687.D
Acq: 24 Sep 2020 17:52

Tgt Ion: 164 Resp: 297065
Ion Ratio Lower Upper
164 100
162 102.6 81.2 121.8
160 46.2 36.2 54.4





#42

2,4,6-Tribromophenol

Concen: 139.308 ng

RT: 10.64 min Scan# 1454

Delta R.T. -0.01 min

Lab File: BF121687.D

Acq: 24 Sep 2020 17:52

Instrument :

BNA_F

ClientSampleId :

MW1S

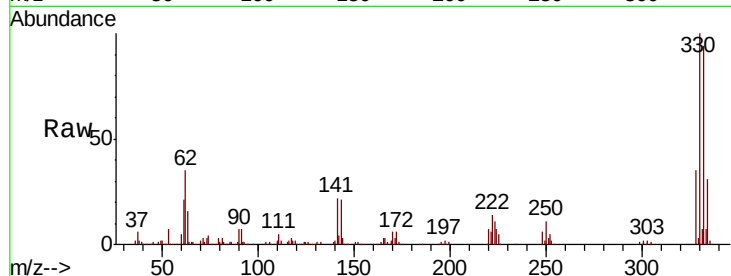
Tot Ion:330 Resp: 514341

Ion Ratio Lower Upper

330 100

332 95.2 76.9 115.3

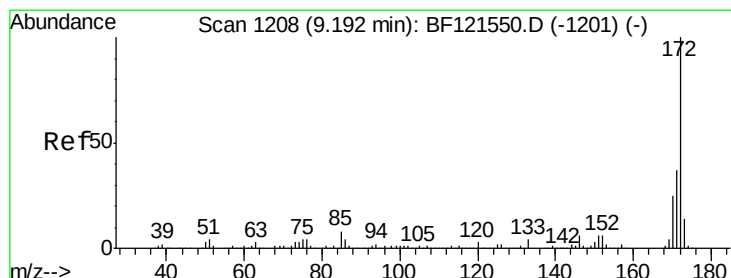
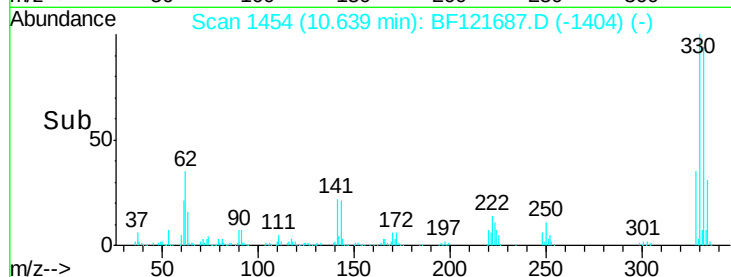
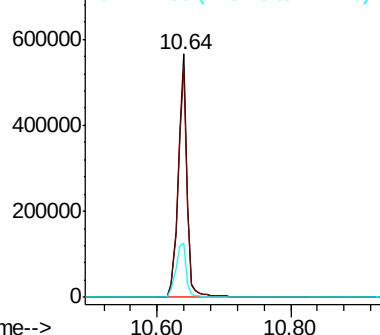
141 26.8 22.4 33.6



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: 82.816 ng

RT: 9.17 min Scan# 1204

Delta R.T. -0.01 min

Lab File: BF121687.D

Acq: 24 Sep 2020 17:52

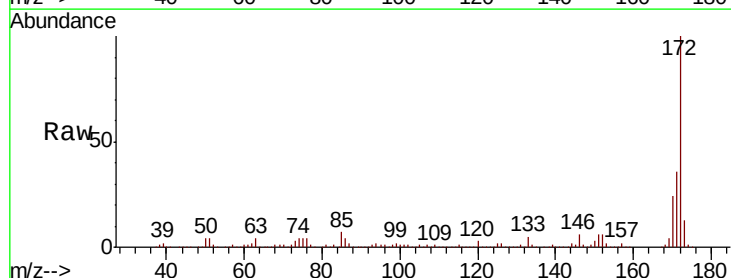
Tgt Ion:172 Resp: 1624386

Ion Ratio Lower Upper

172 100

171 36.5 29.3 43.9

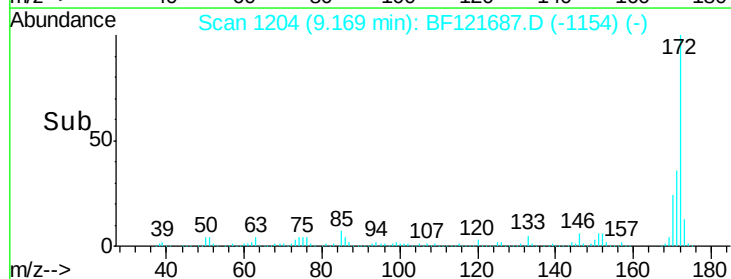
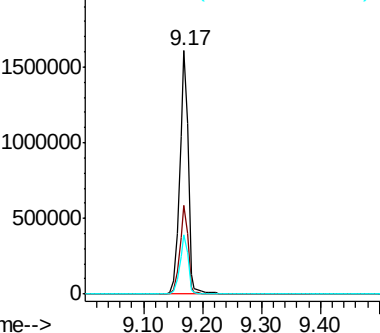
170 24.4 19.5 29.3

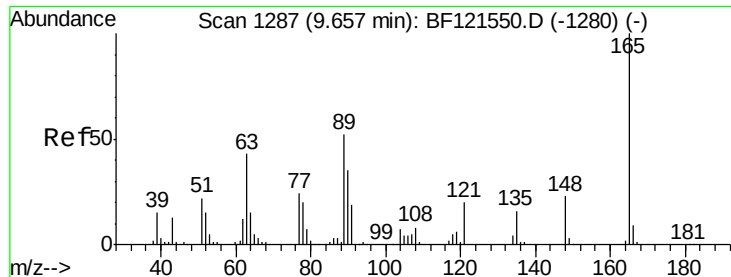


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

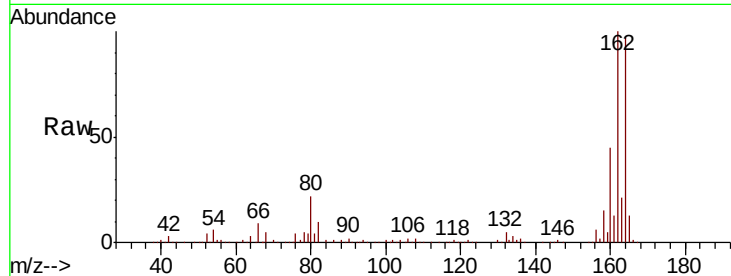




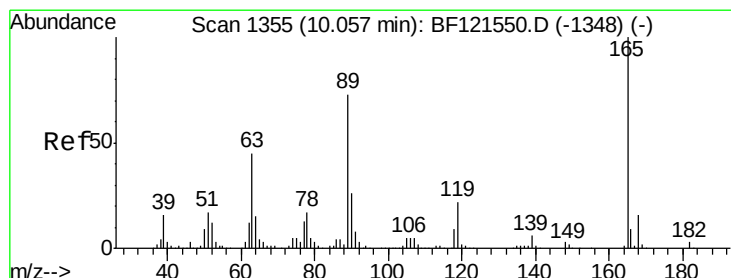
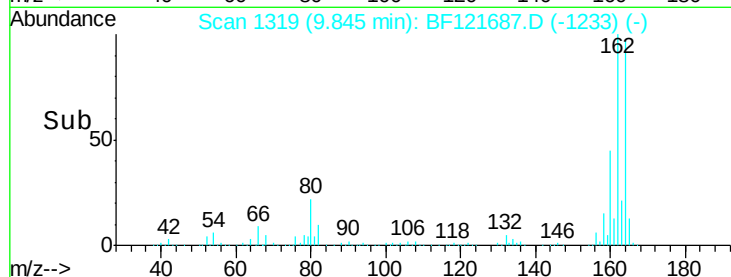
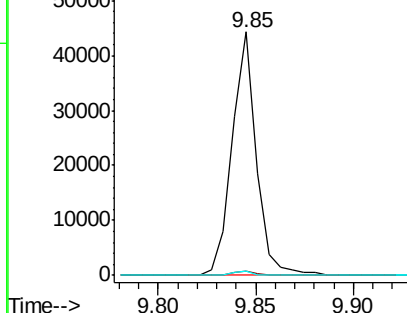
#51
 2,6-Dinitrotoluene
 Concen: 8.337 ng
 RT: 9.85 min Scan# 1319
 Delta R.T. 0.21 min
 Lab File: BF121687.D
 Acq: 24 Sep 2020 17:52

Instrument :
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 MW1S

Tot Ion	Ratio	Lower	Upper
165	100		
63	2.0	47.6	71.4#
89	1.8	46.0	69.0#



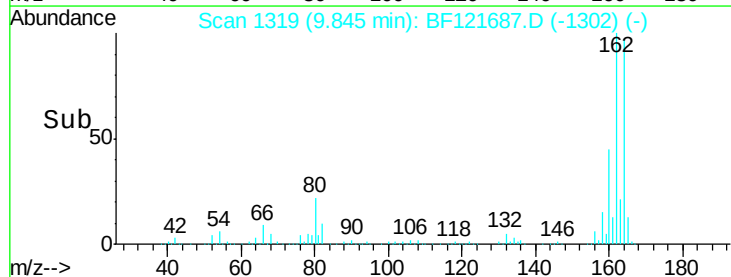
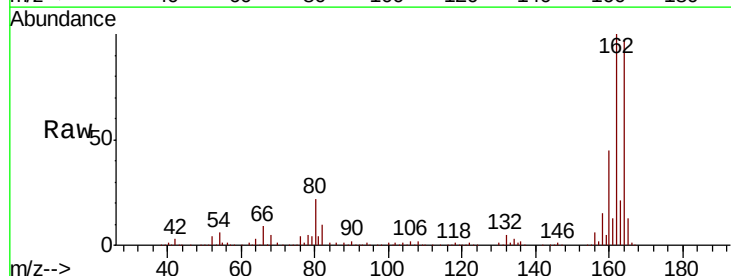
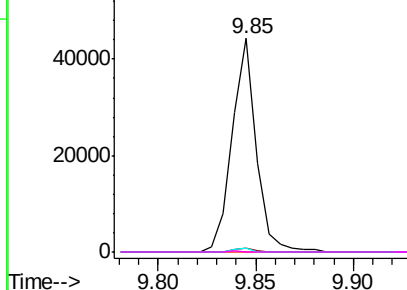
Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

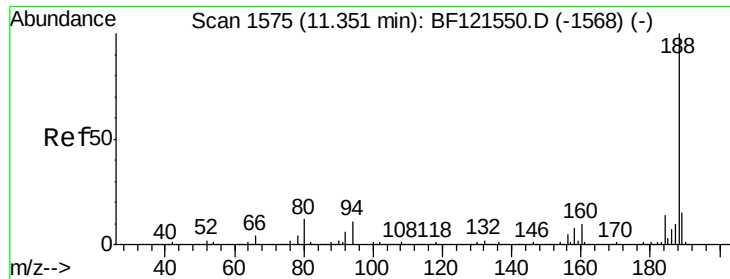


#57
 2,4-Dinitrotoluene
 Concen: 6.627 ng
 RT: 9.85 min Scan# 1319
 Delta R.T. -0.20 min
 Lab File: BF121687.D
 Acq: 24 Sep 2020 17:52

Tgt Ion	Ratio	Lower	Upper
165	100		
63	2.0	36.7	55.1#
89	1.8	57.7	86.5#
182	0.0	2.1	3.1#

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

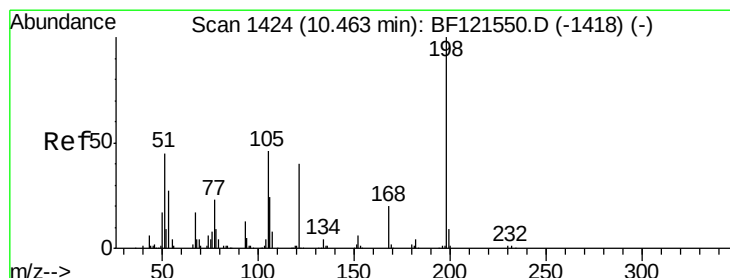
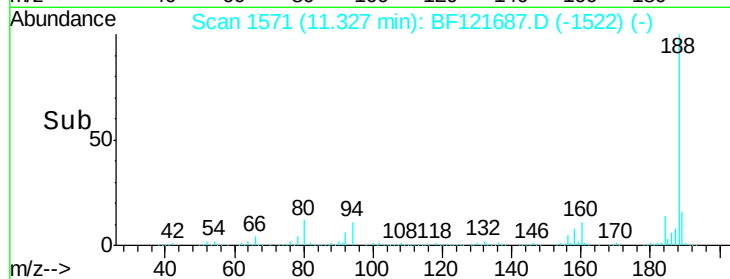
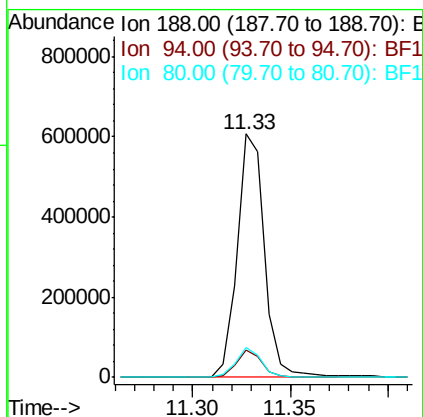
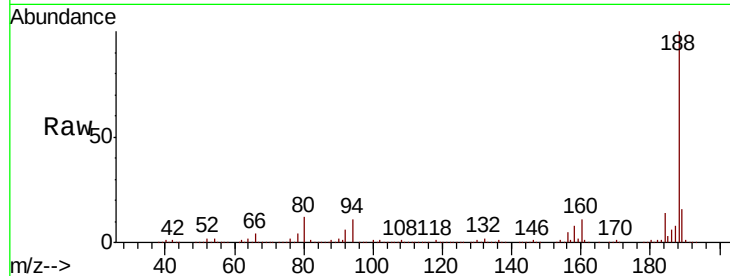




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1571
Delta R.T. -0.01 min
Lab File: BF121687.D
Acq: 24 Sep 2020 17:52

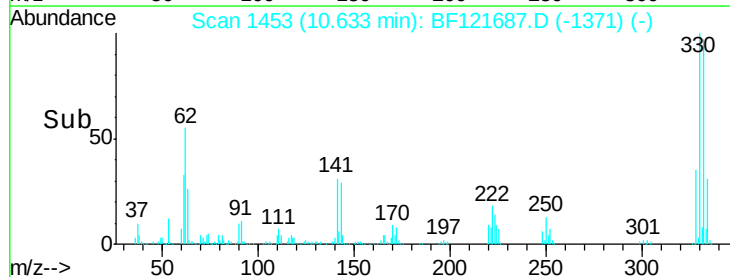
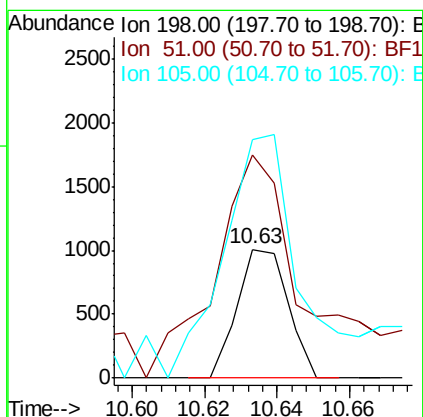
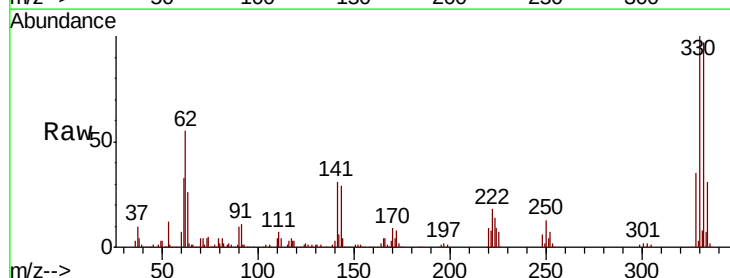
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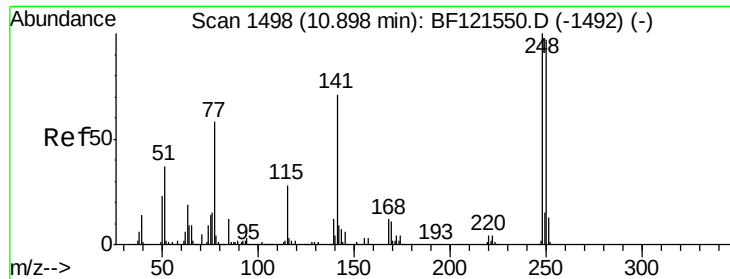
Tot Ion	Ratio	Lower	Upper
188	100		
94	11.5	8.4	12.6
80	12.3	9.0	13.4



#65
4,6-Dinitro-2-methylphenol
Concen: 7.085 ng
RT: 10.63 min Scan# 1453
Delta R.T. 0.18 min
Lab File: BF121687.D
Acq: 24 Sep 2020 17:52

Tgt Ion	Ratio	Lower	Upper
198	100		
51	173.4	20.3	60.3#
105	185.4	20.2	60.2#

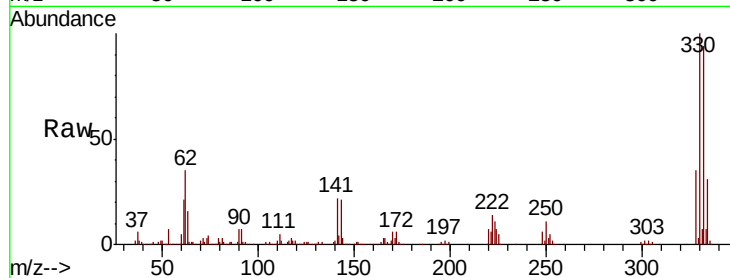




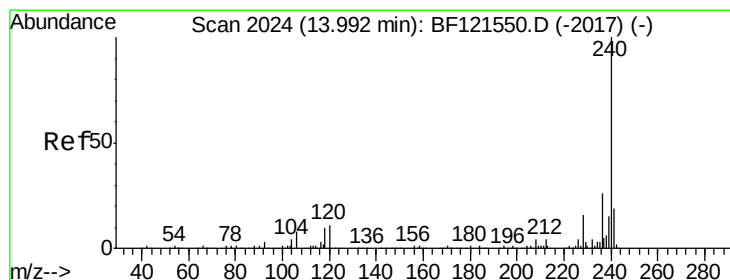
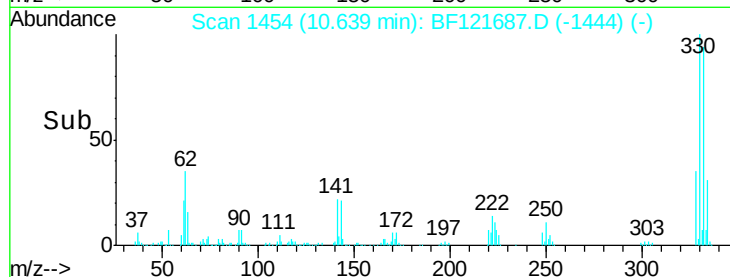
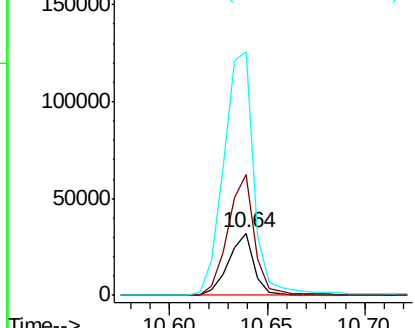
#67
4-Bromophenyl-phenylether
Concen: 4.392 ng
RT: 10.64 min Scan# 1454
Delta R.T. -0.24 min
Lab File: BF121687.D
Acq: 24 Sep 2020 17:52

Instrument :
BNA_F
ClientSampleId :
MW1S

Tot Ion:248 Resp: 29352
Ion Ratio Lower Upper
248 100
250 195.3 79.4 119.0#
141 393.2 52.2 78.4#

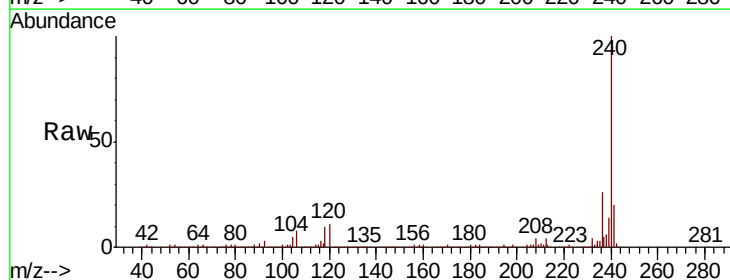


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

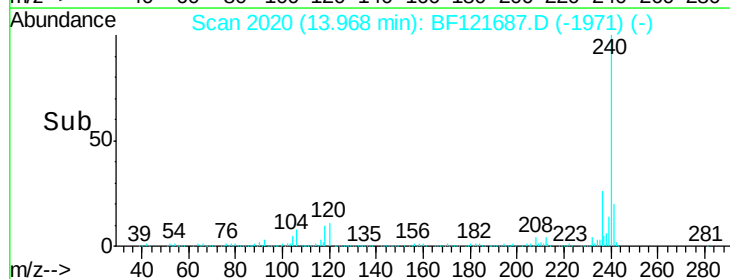
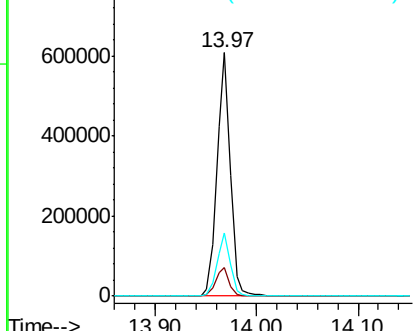


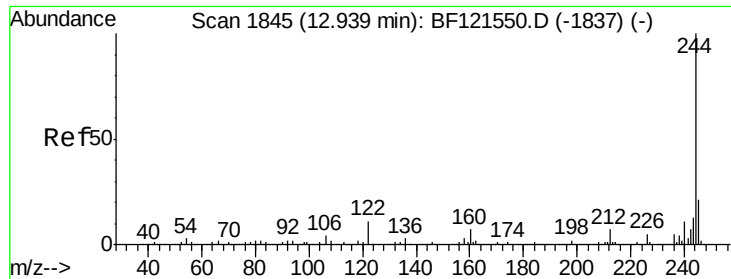
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.01 min
Lab File: BF121687.D
Acq: 24 Sep 2020 17:52

Tgt Ion:240 Resp: 552790
Ion Ratio Lower Upper
240 100
120 11.5 9.2 13.8
236 25.7 20.4 30.6



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: 81.745 ng

RT: 12.92 min Scan# 1842

Delta R.T. -0.00 min

Lab File: BF121687.D

Acq: 24 Sep 2020 17:52

Instrument :

BNA_F

ClientSampleId :

MW1S

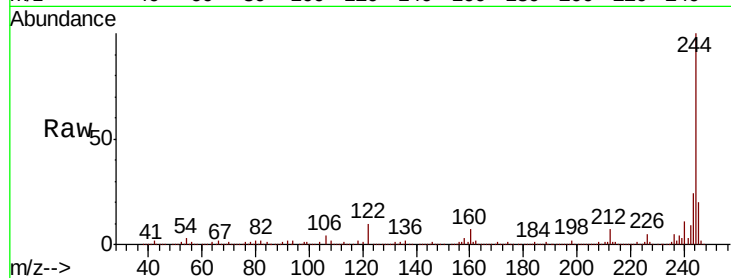
Tot Ion:244 Resp: 2230516

Ion Ratio Lower Upper

244 100

212 7.2 5.5 8.3

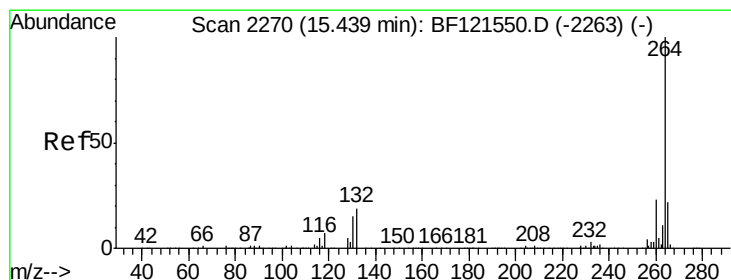
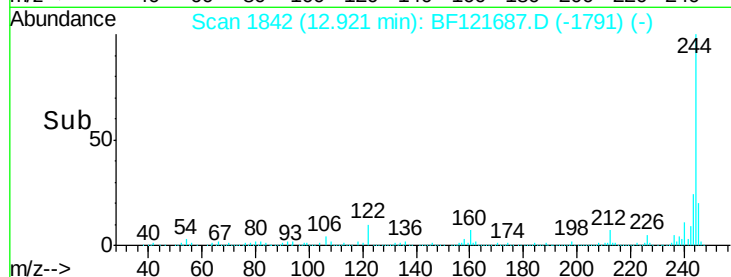
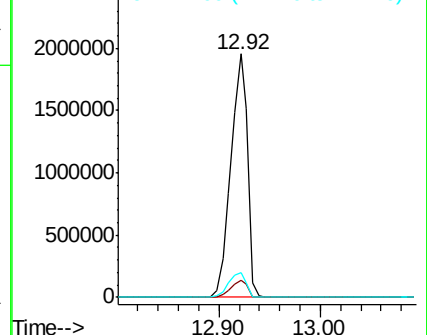
122 10.1 7.4 11.0



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# 2267

Delta R.T. -0.01 min

Lab File: BF121687.D

Acq: 24 Sep 2020 17:52

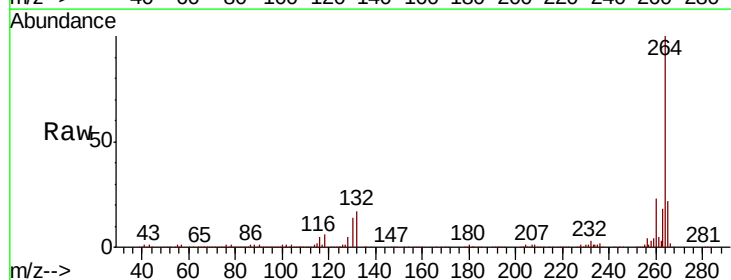
Tgt Ion:264 Resp: 474274

Ion Ratio Lower Upper

264 100

260 23.3 18.8 28.2

265 21.5 17.3 25.9



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

