

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080620\
 Data File : BF121210.D
 Acq On : 6 Aug 2020 19:13
 Operator : JU/CG
 Sample : L3537-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 JTY1-WC-S-BL-IB

Quant Time: Aug 07 00:28:51 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071620.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 29 14:55:43 2020
 Response via : Initial Calibration

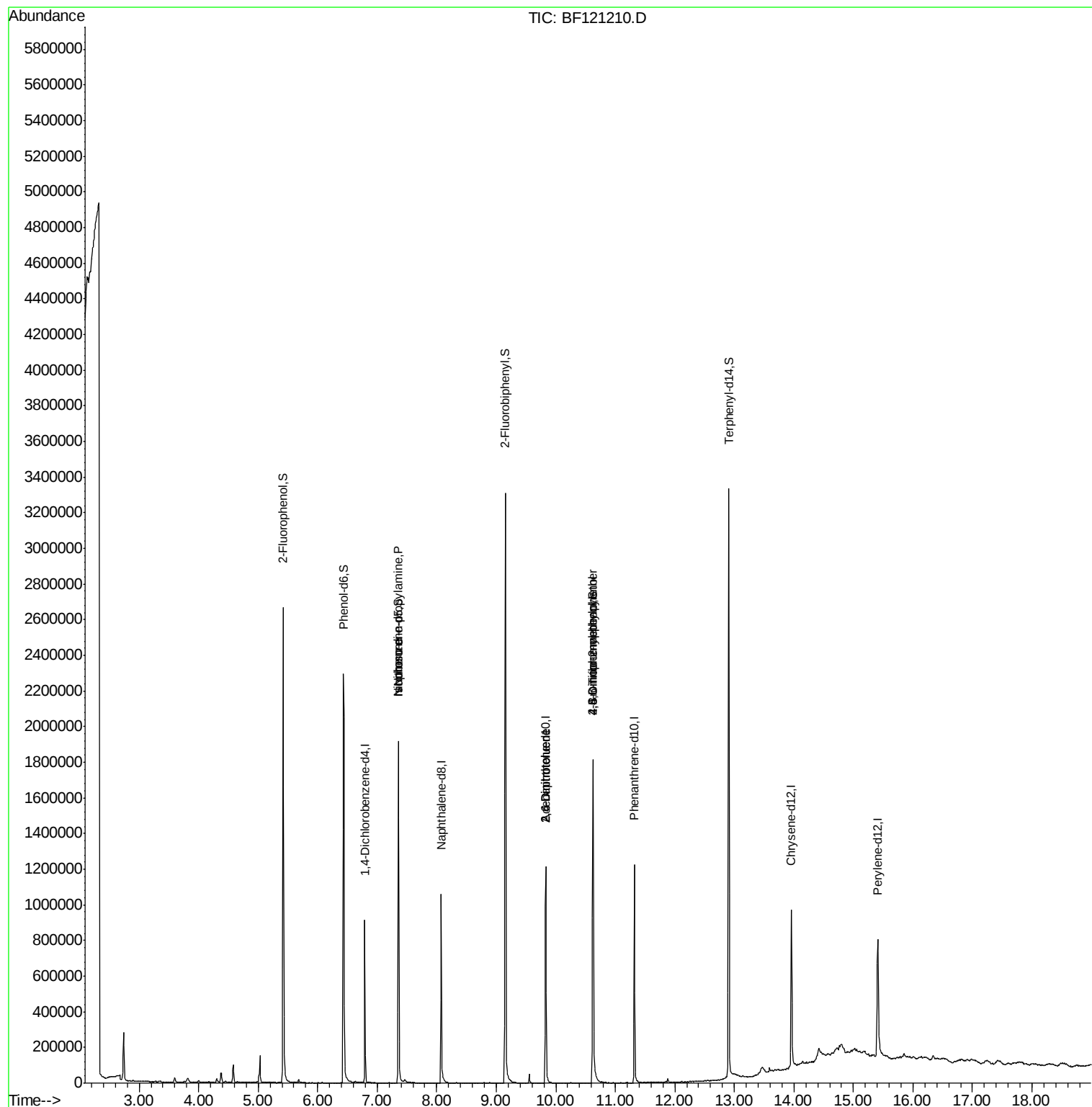
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	132565	20.00	ng	-0.01
21) Naphthalene-d8	8.07	136	523359	20.00	ng	-0.01
39) Acenaphthene-d10	9.83	164	272557	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	517925	20.00	ng	0.00
76) Chrysene-d12	13.96	240	361845	20.00	ng	0.00
86) Perylene-d12	15.41	264	381728	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	829099	102.53	ng	0.00
7) Phenol-d6	6.43	99	966304	92.51	ng	-0.01
23) Nitrobenzene-d5	7.36	82	670491	74.13	ng	-0.02
42) 2,4,6-Tribromophenol	10.63	330	320532	107.44	ng	0.00
45) 2-Fluorobiphenyl	9.15	172	1245110	68.21	ng	-0.01
79) Terphenyl-d14	12.91	244	1185674	71.23	ng	0.00
Target Compounds						
9) Benzaldehyde	6.43	77	1235	Below Cal		Qvalue # 1
19) n-Nitroso-di-n-propylamine	7.36	70	88251	14.858	ng	# 80
25) Isophorone	7.36	82	666951	36.947	ng	# 62
51) 2,6-Dinitrotoluene	9.83	165	33842	8.011	ng	# 27
57) 2,4-Dinitrotoluene	9.83	165	33842	6.100	ng	# 30
65) 4,6-Dinitro-2-methylphenol	10.63	198	528	4.005	ng	# 1
67) 4-Bromophenyl-phenylether	10.63	248	18634	3.227	ng	# 1

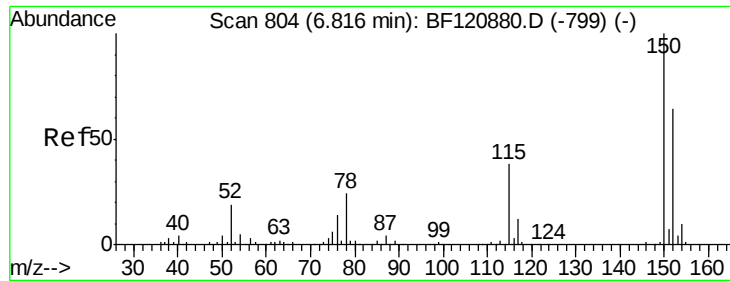
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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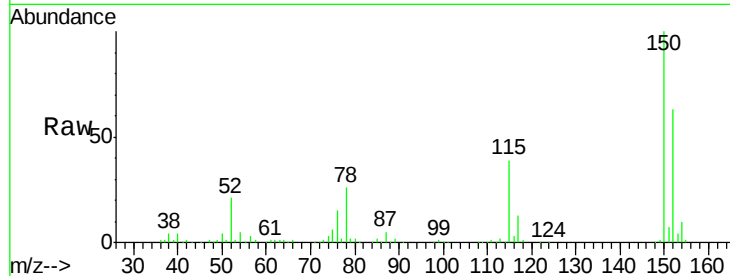


#1

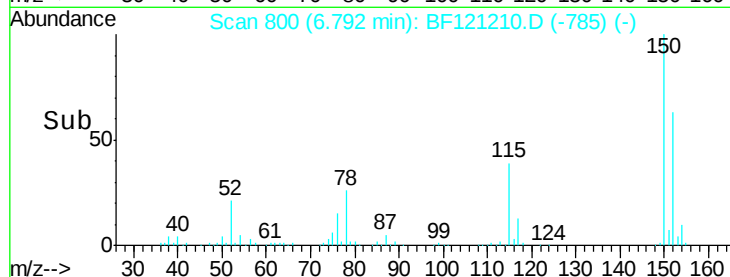
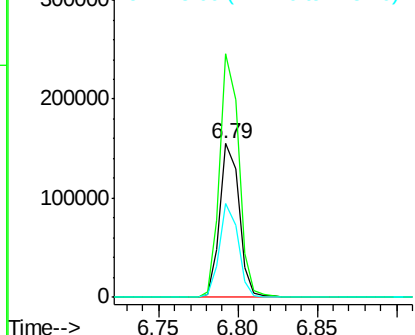
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 800
Delta R.T. -0.01 min
Lab File: BF121210.D
Acq: 6 Aug 2020 19:13

Instrument :
BNA_F
ClientSampleId :
JTY1-WC-S-BL-IB

Tot Ion:152 Resp: 132565
Ion Ratio Lower Upper
152 100
150 158.2 125.6 188.4
115 61.0 46.2 69.2



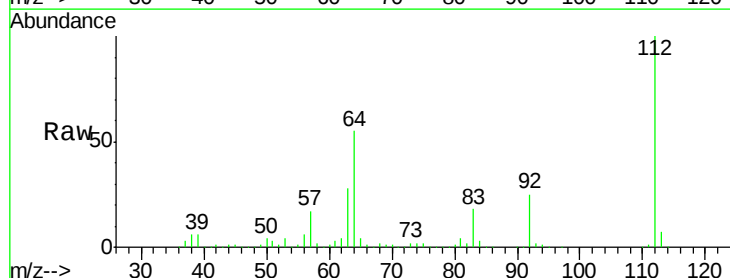
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



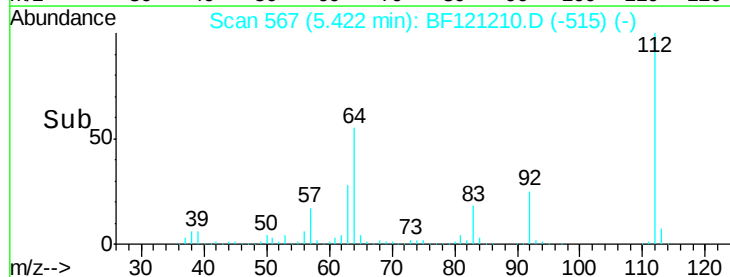
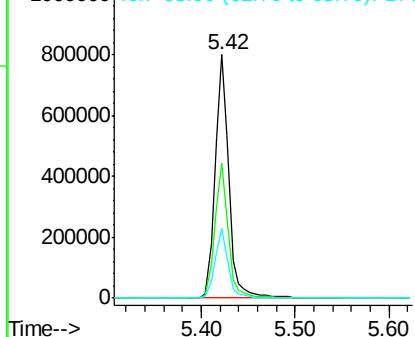
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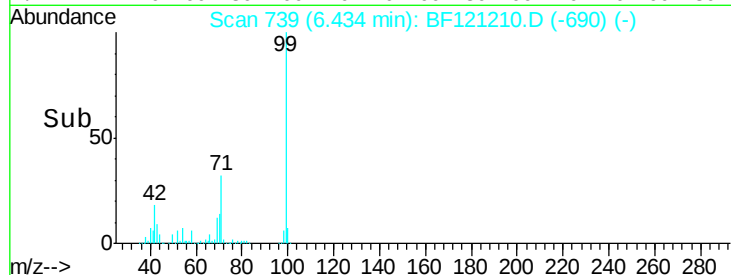
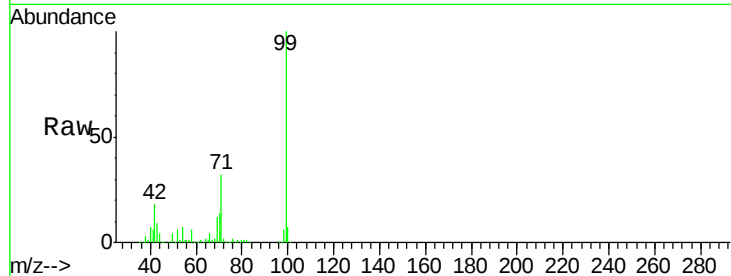
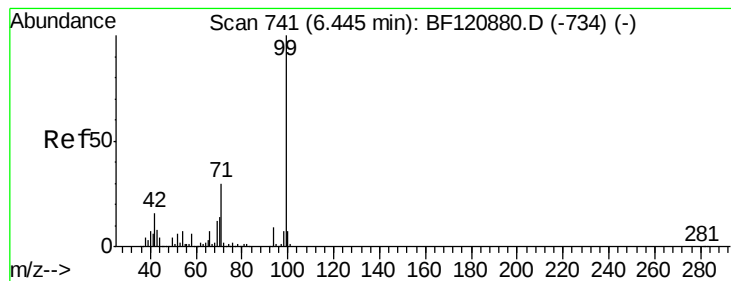
2-Fluorophenol
Concen: 102.530 ng
RT: 5.42 min Scan# 567
Delta R.T. 0.01 min
Lab File: BF121210.D
Acq: 6 Aug 2020 19:13

Tgt Ion:112 Resp: 829099
Ion Ratio Lower Upper
112 100
64 55.5 43.9 65.9
63 28.4 22.7 34.1



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: 92.508 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.01 min

Lab File: BF121210.D

Acq: 6 Aug 2020 19:13

Instrument :

BNA_F

ClientSampleId :

JTY1-WC-S-BL-IB

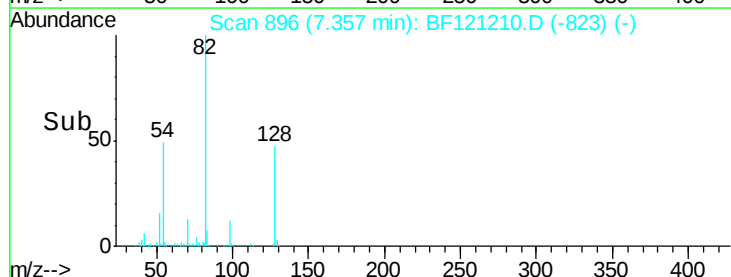
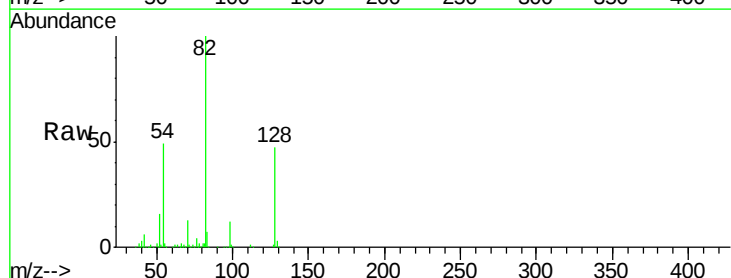
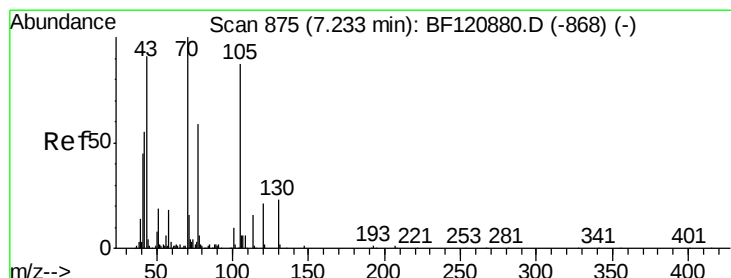
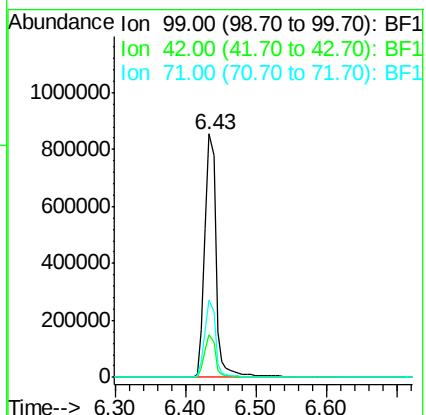
Tot Ion: 99 Resp: 966304

Ion Ratio Lower Upper

99 100

42 17.7 13.5 20.3

71 31.7 25.0 37.4



#19

n-Nitroso-di-n-propylamine

Concen: 14.858 ng

RT: 7.36 min Scan# 896

Delta R.T. 0.13 min

Lab File: BF121210.D

Acq: 6 Aug 2020 19:13

Tgt Ion: 70 Resp: 88251

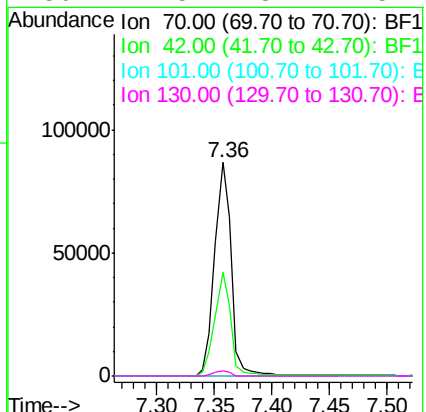
Ion Ratio Lower Upper

70 100

42 48.4 43.3 64.9

101 0.0 8.4 12.6#

130 2.5 18.7 28.1#

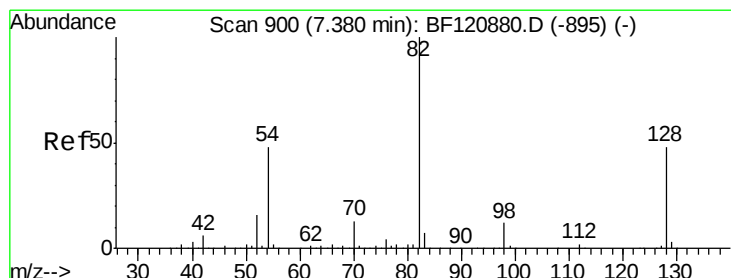
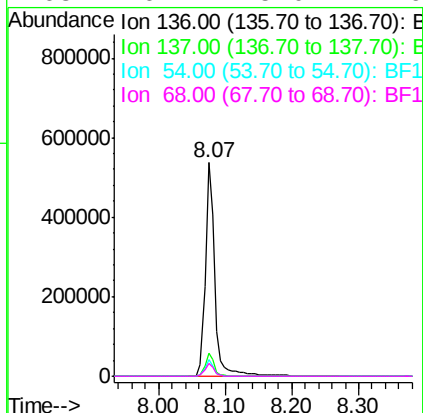
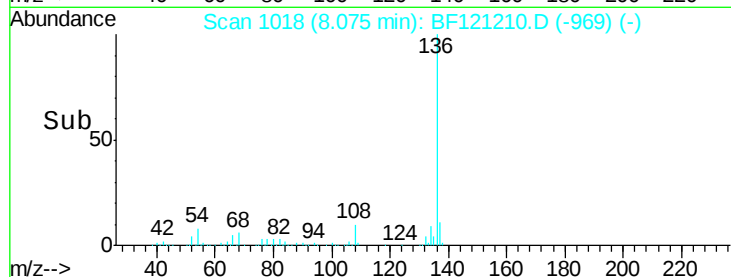
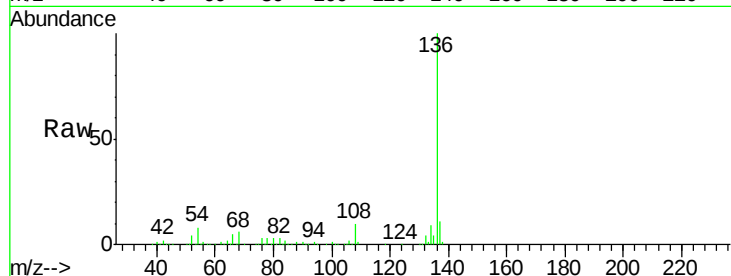




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BF121210.D
Acq: 6 Aug 2020 19:13

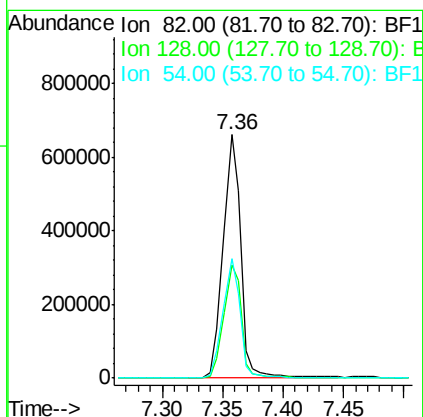
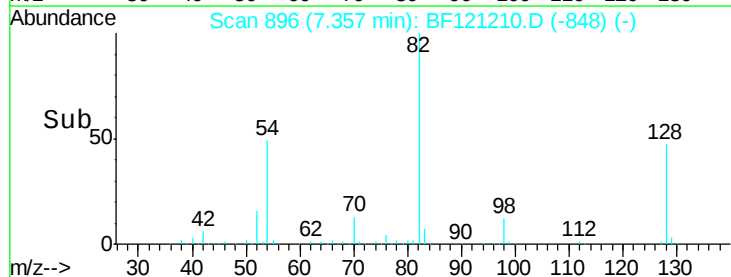
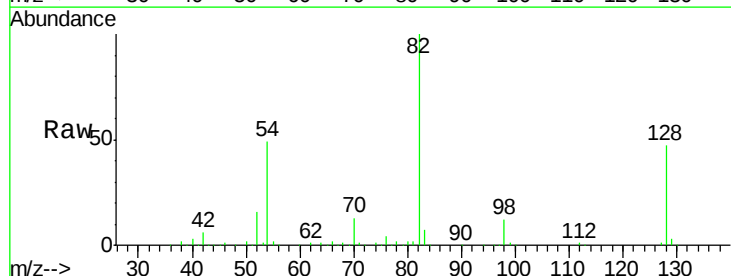
Instrument :
BNA_F
ClientSampleId :
JTY1-WC-S-BL-IB

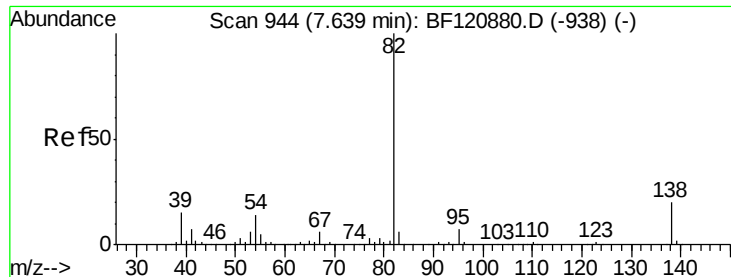
Tot Ion:136	Resp:	523359
Ion	Ratio	Lower Upper
136	100	
137	11.0	9.0 13.4
54	7.6	6.1 9.1
68	6.2	5.0 7.6



#23
Nitrobenzene-d5
Concen: 74.130 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.02 min
Lab File: BF121210.D
Acq: 6 Aug 2020 19:13

Tgt Ion: 82	Resp:	670491
Ion	Ratio	Lower Upper
82	100	
128	46.7	39.2 58.8
54	49.2	37.8 56.8





#25

Isophorone

Concen: 36.947 ng

RT: 7.36 min Scan# 896

Delta R.T. -0.28 min

Lab File: BF121210.D

Acq: 6 Aug 2020 19:13

Instrument :

BNA_F

ClientSampleId :

JTY1-WC-S-BL-IB

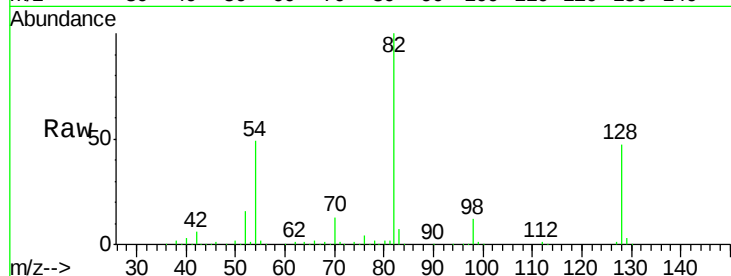
Tot Ion: 82 Resp: 666951

Ion Ratio Lower Upper

82 100

95 0.0 5.5 8.3#

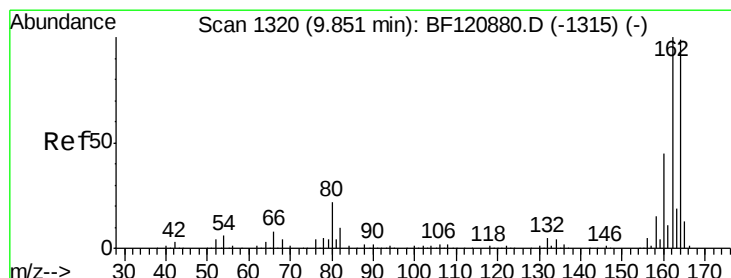
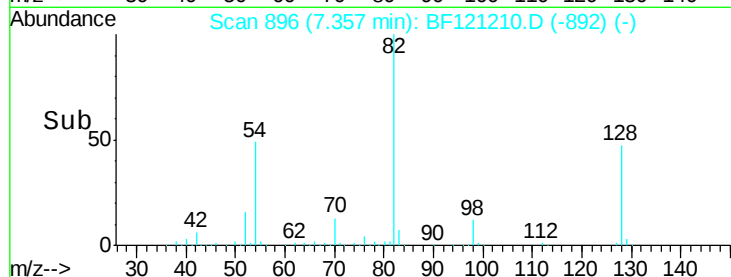
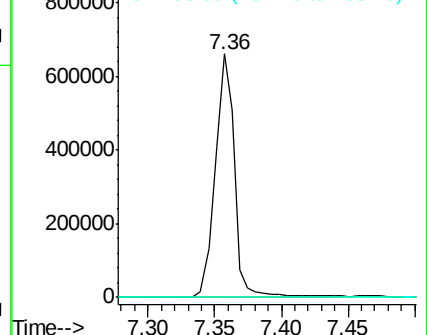
138 0.0 16.2 24.2#



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: 9.83 min Scan# 1317

Delta R.T. -0.01 min

Lab File: BF121210.D

Acq: 6 Aug 2020 19:13

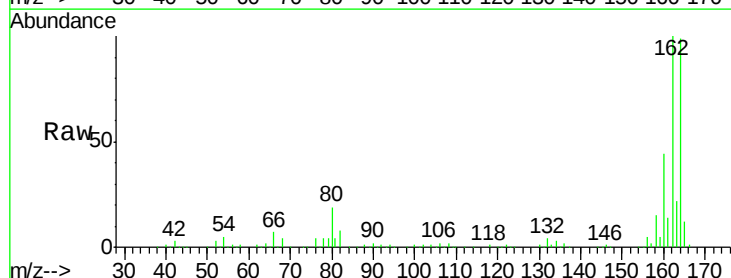
Tgt Ion: 164 Resp: 272557

Ion Ratio Lower Upper

164 100

162 100.9 82.2 123.2

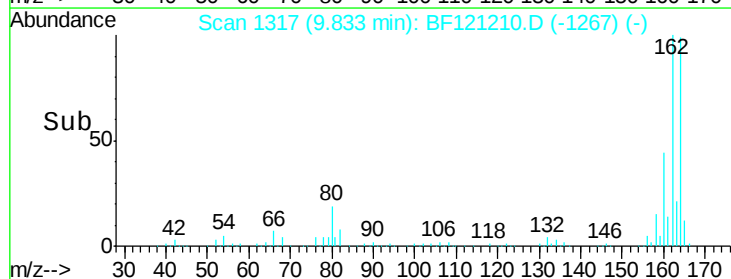
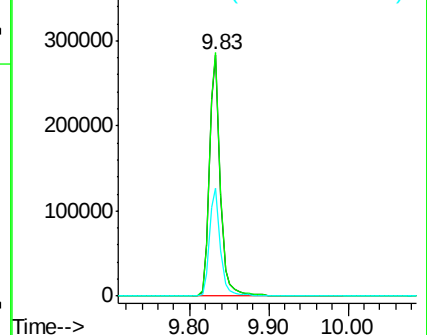
160 44.8 37.2 55.8

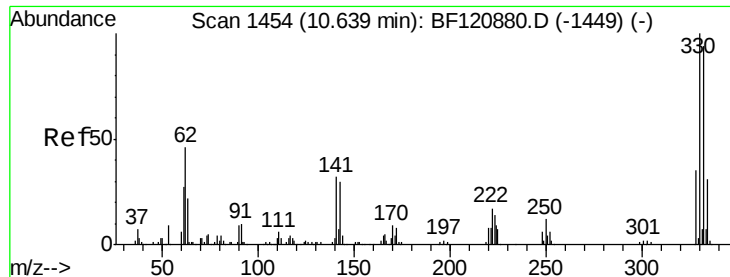


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#42

2,4,6-Tribromophenol

Concen: 107.438 ng

RT: 10.63 min Scan# 1452

Delta R.T. -0.01 min

Lab File: BF121210.D

Acq: 6 Aug 2020 19:13

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JTY1-WC-S-BL-IB

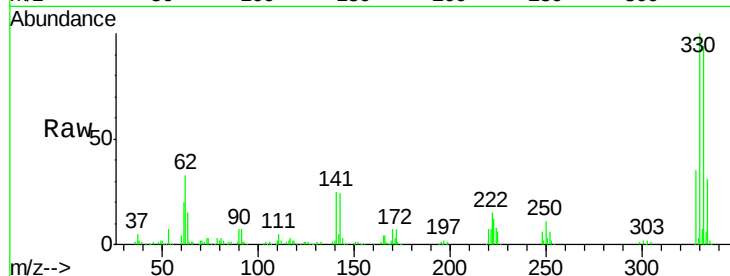
Tot Ion:330 Resp: 320532

Ion Ratio Lower Upper

330 100

332 94.9 76.1 114.1

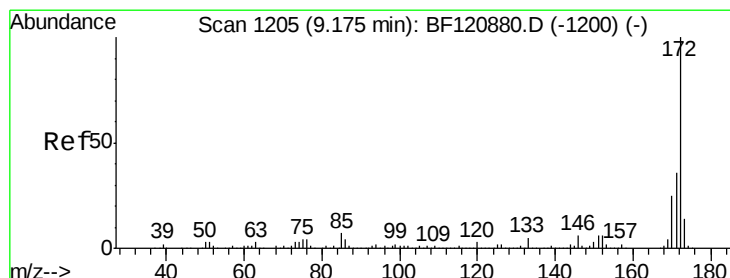
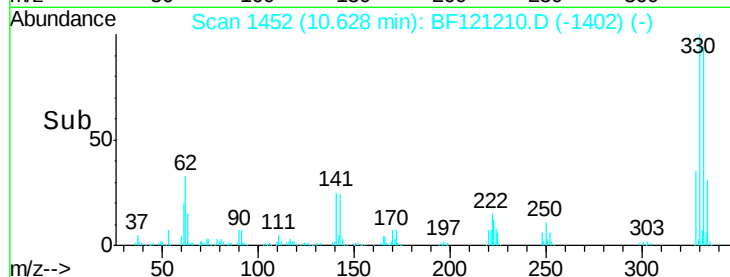
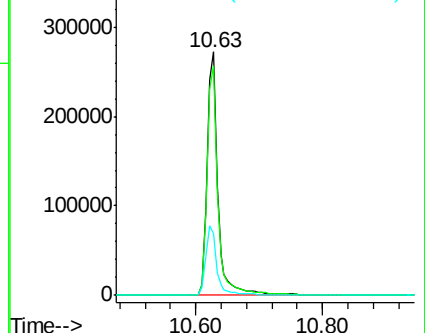
141 30.0 24.1 36.1



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: 68.206 ng

RT: 9.15 min Scan# 1201

Delta R.T. -0.01 min

Lab File: BF121210.D

Acq: 6 Aug 2020 19:13

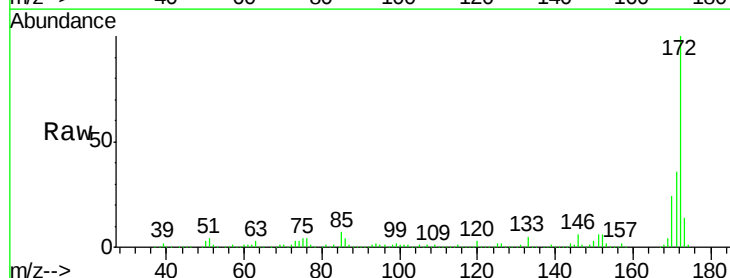
Tgt Ion:172 Resp: 1245110

Ion Ratio Lower Upper

172 100

171 35.9 29.0 43.4

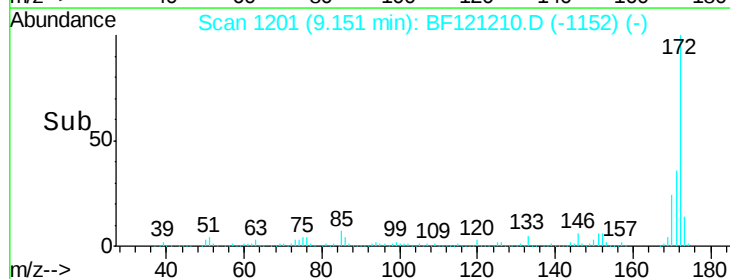
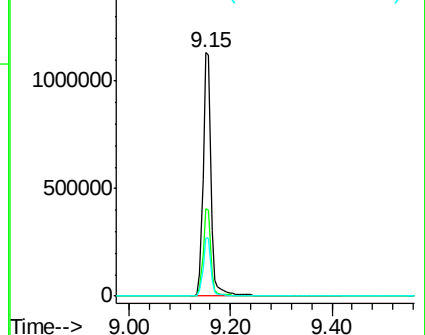
170 24.1 19.6 29.4

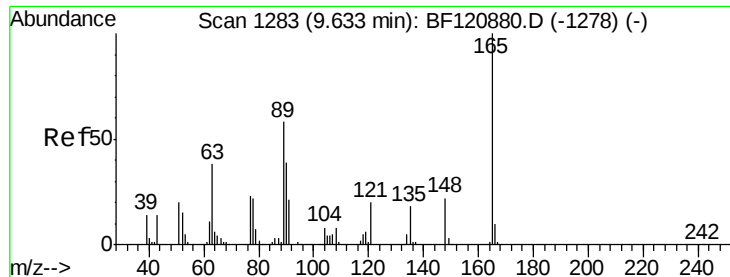


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

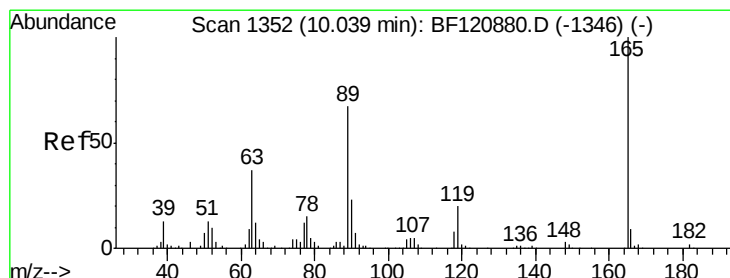
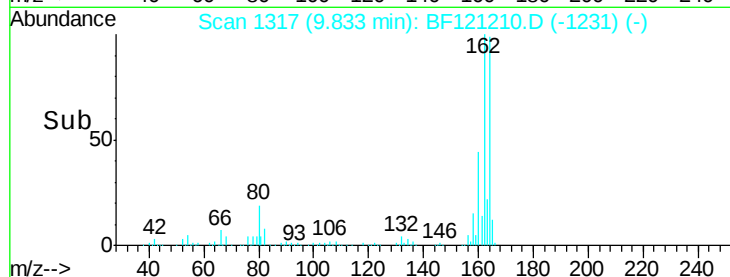
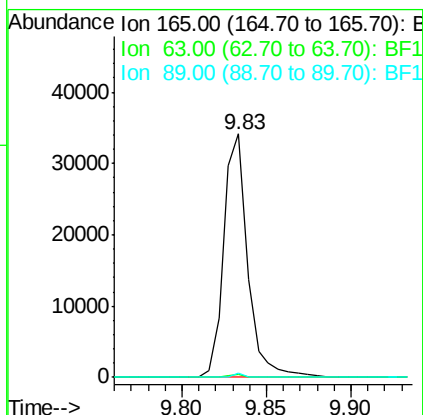
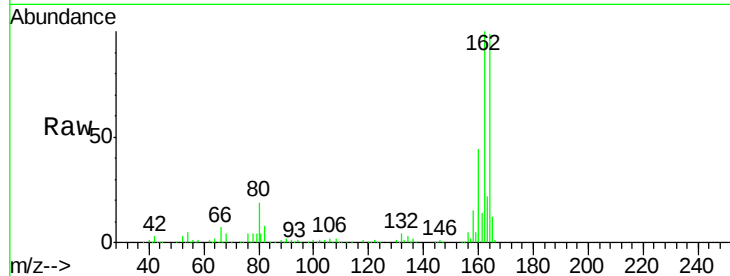




#51
 2,6-Dinitrotoluene
 Concen: 8.011 ng
 RT: 9.83 min Scan# 1317
 Delta R.T. 0.21 min
 Lab File: BF121210.D
 Acq: 6 Aug 2020 19:13

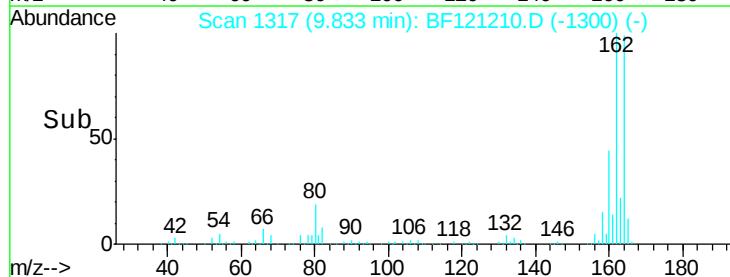
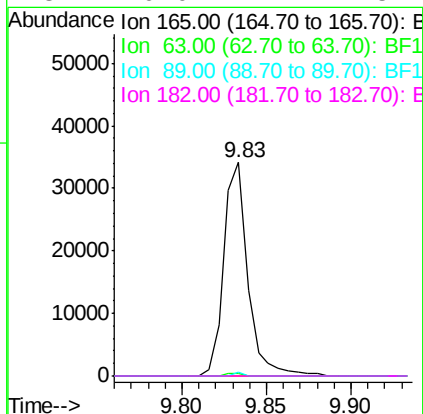
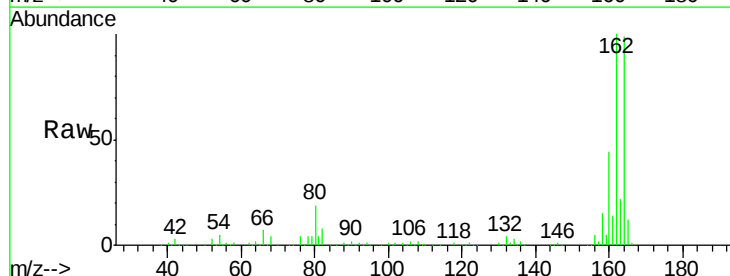
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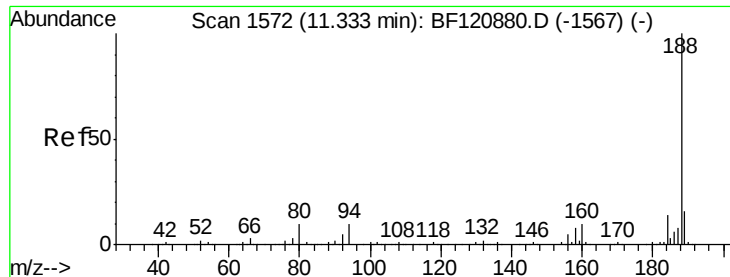
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.2	41.1	61.7#
89	1.7	43.5	65.3#



#57
 2,4-Dinitrotoluene
 Concen: 6.100 ng
 RT: 9.83 min Scan# 1317
 Delta R.T. -0.20 min
 Lab File: BF121210.D
 Acq: 6 Aug 2020 19:13

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.2	29.8	44.8#
89	1.7	50.3	75.5#
182	0.0	2.1	3.1#

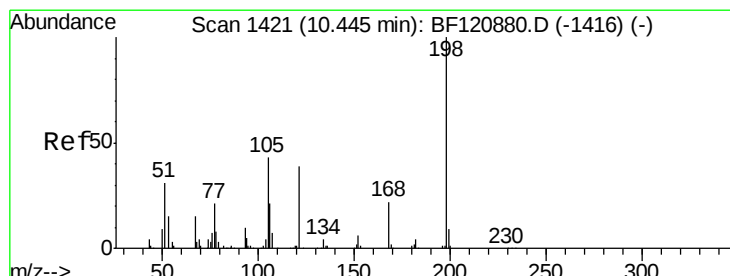
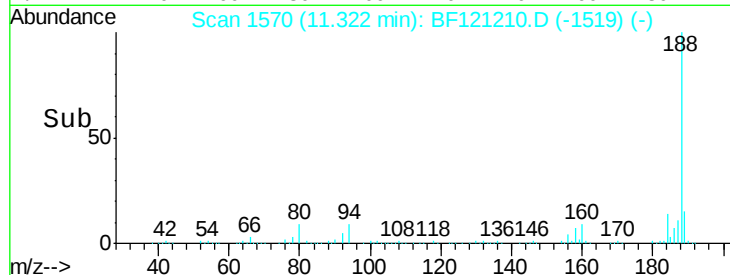
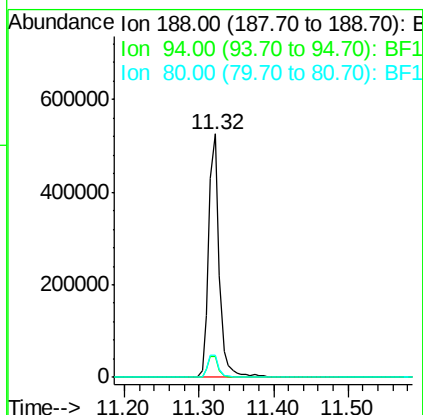
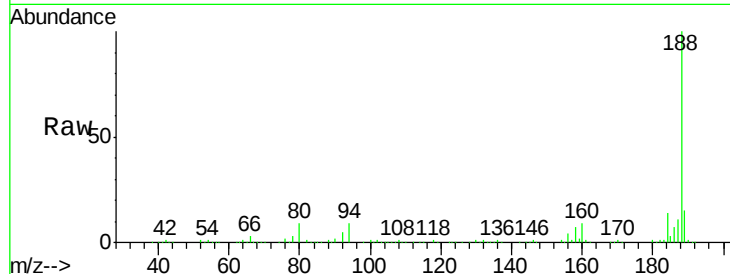




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1570
Delta R.T. 0.00 min
Lab File: BF121210.D
Acq: 6 Aug 2020 19:13

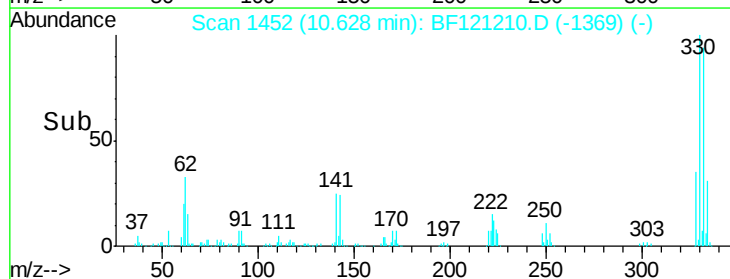
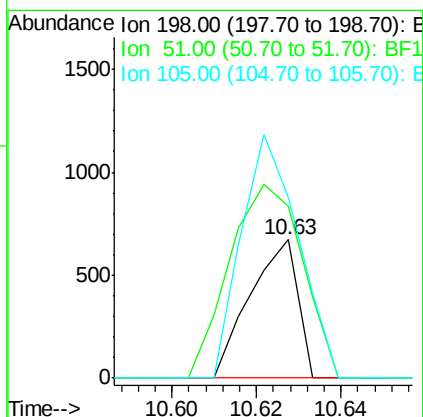
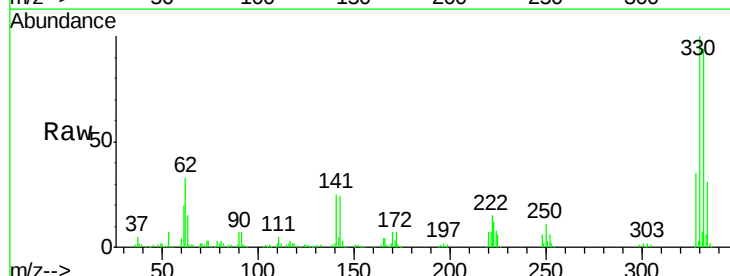
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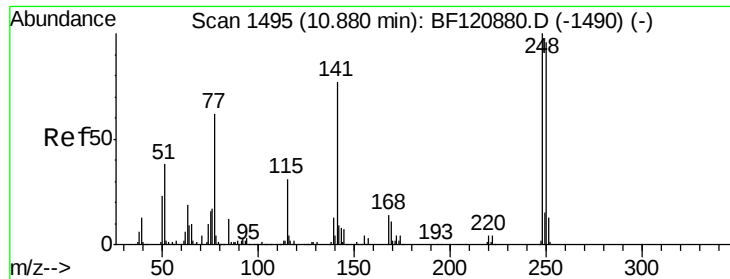
Tot Ion:188 Resp: 517925
Ion Ratio Lower Upper
188 100
94 8.6 8.0 12.0
80 9.1 8.3 12.5



#65
4,6-Dinitro-2-methylphenol
Concen: 4.005 ng
RT: 10.63 min Scan# 1452
Delta R.T. 0.19 min
Lab File: BF121210.D
Acq: 6 Aug 2020 19:13

Tgt Ion:198 Resp: 528
Ion Ratio Lower Upper
198 100
51 124.0 23.4 63.4#
105 130.8 23.7 63.7#

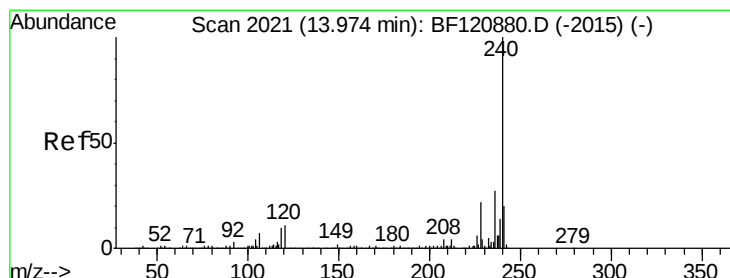
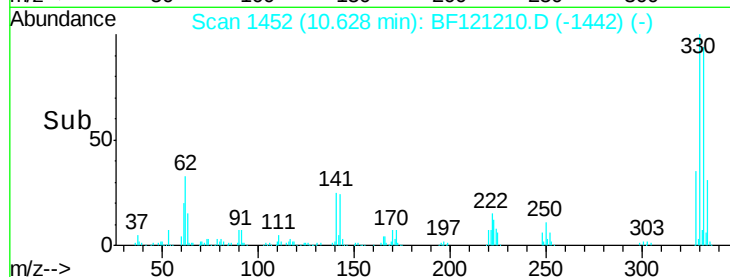
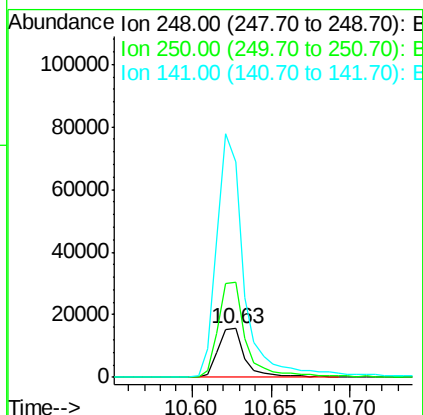
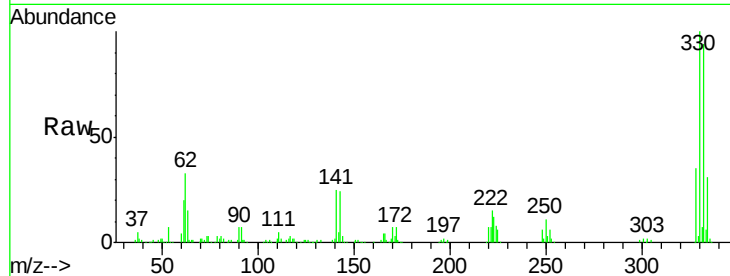




#67
4-Bromophenyl-phenylether
Concen: 3.227 ng
RT: 10.63 min Scan# 1452
Delta R.T. -0.24 min
Lab File: BF121210.D
Acq: 6 Aug 2020 19:13

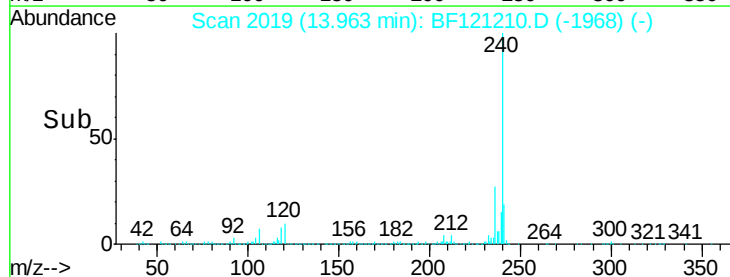
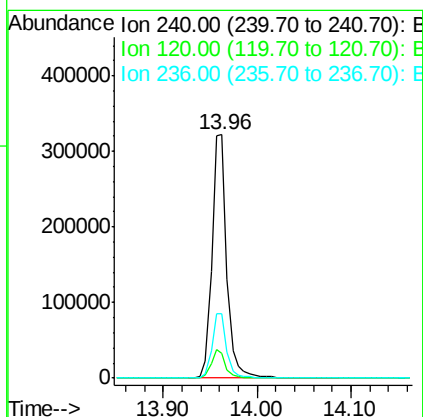
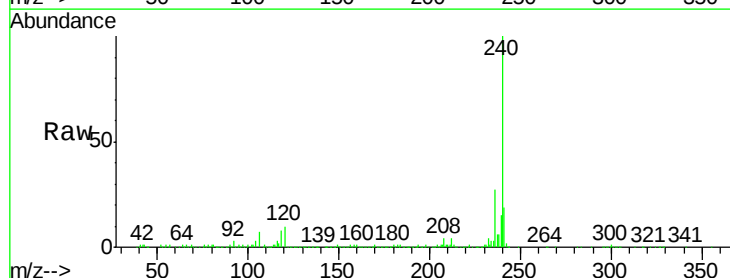
Instrument :
BNA_F
ClientSampleId :
JTY1-WC-S-BL-IB

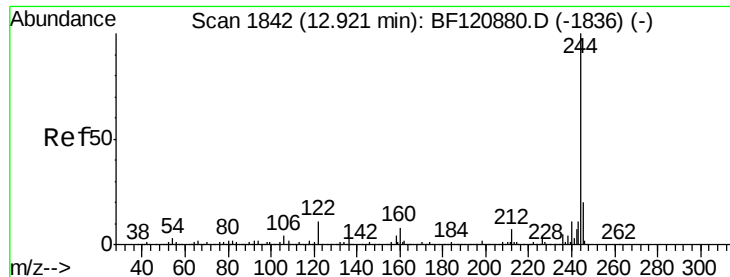
Tot Ion:248 Resp: 18634
Ion Ratio Lower Upper
248 100
250 196.9 77.0 115.6#
141 443.5 56.6 85.0#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.96 min Scan# 2019
Delta R.T. 0.00 min
Lab File: BF121210.D
Acq: 6 Aug 2020 19:13

Tgt Ion:240 Resp: 361845
Ion Ratio Lower Upper
240 100
120 10.3 9.3 13.9
236 26.6 21.1 31.7





#79

Terphenyl-d14

Concen: 71.229 ng

RT: 12.91 min Scan# 1840

Delta R.T. 0.00 min

Lab File: BF121210.D

Acq: 6 Aug 2020 19:13

Instrument :

BNA_F

ClientSampleId :

JTY1-WC-S-BL-IB

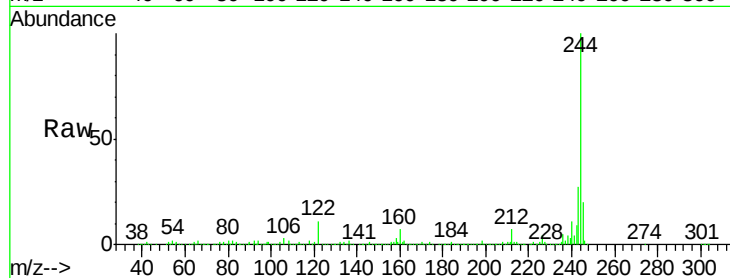
Tot Ion:244 Resp: 1185674

Ion Ratio Lower Upper

244 100

212 7.0 5.7 8.5

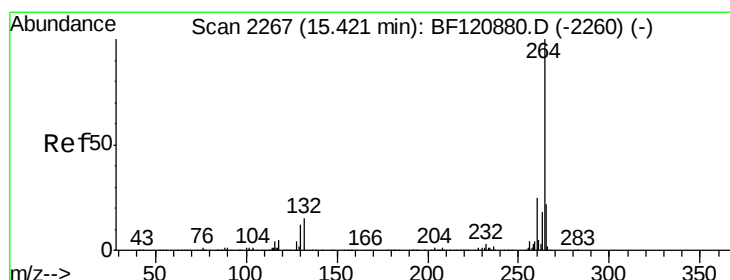
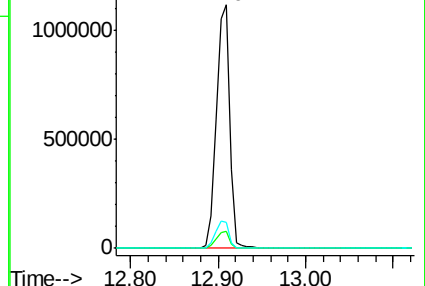
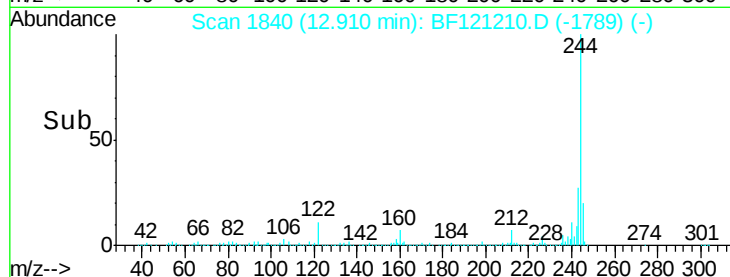
122 10.5 8.3 12.5



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: 15.41 min Scan# 2265

Delta R.T. 0.01 min

Lab File: BF121210.D

Acq: 6 Aug 2020 19:13

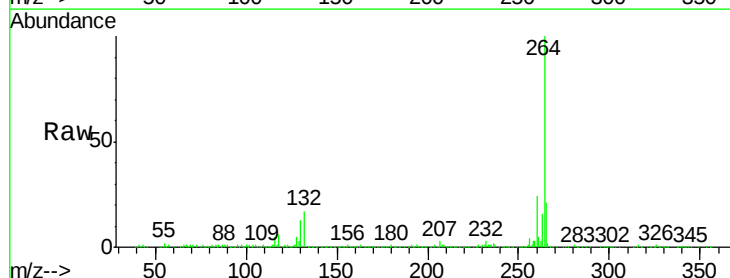
Tgt Ion:264 Resp: 381728

Ion Ratio Lower Upper

264 100

260 24.0 19.9 29.9

265 21.1 17.8 26.8



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

