

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080620\
 Data File : BF121204.D
 Acq On : 6 Aug 2020 16:06
 Operator : JU/CG
 Sample : PB130763BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB130763BL

Quant Time: Aug 06 17:42:10 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

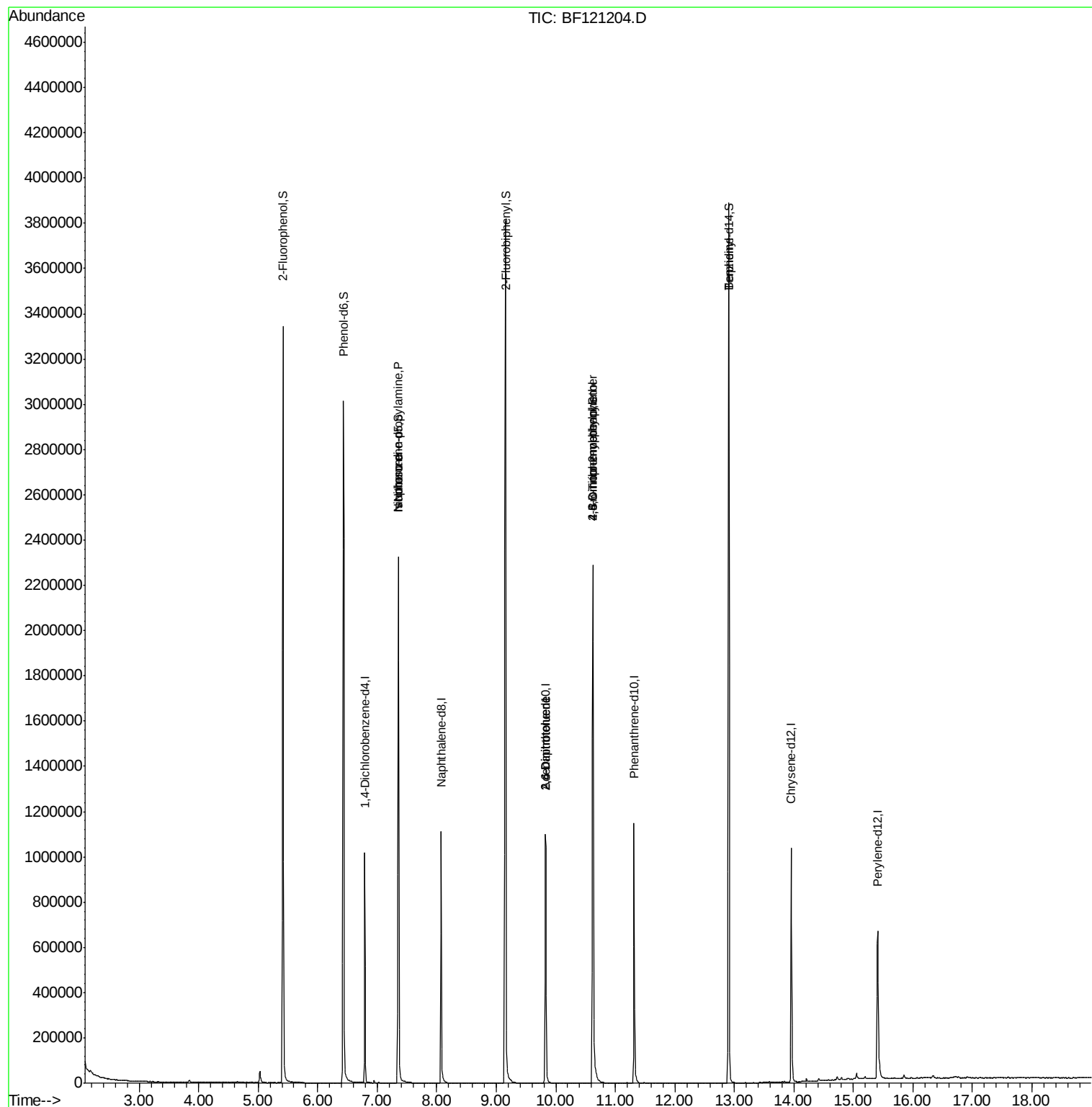
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	143363	20.00	ng	-0.01
21) Naphthalene-d8	8.07	136	542793	20.00	ng	-0.01
39) Acenaphthene-d10	9.83	164	274129	20.00	ng	-0.01
64) Phenanthrene-d10	11.32	188	521345	20.00	ng	0.00
76) Chrysene-d12	13.96	240	402213	20.00	ng	0.00
86) Perylene-d12	15.41	264	386075	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	1120768	128.16	ng	0.00
7) Phenol-d6	6.43	99	1378364	122.02	ng	-0.01
23) Nitrobenzene-d5	7.36	82	925958	98.71	ng	-0.02
42) 2,4,6-Tribromophenol	10.62	330	408748	136.22	ng	-0.01
45) 2-Fluorobiphenyl	9.16	172	1621501	88.32	ng	0.00
79) Terphenyl-d14	12.91	244	1575232	85.13	ng	0.00
Target Compounds						
9) Benzaldehyde	6.43	77	1838	Below Cal	Qvalue	# 1
19) n-Nitroso-di-n-propylamine	7.36	70	122779	19.114 ng	#	77
25) Isophorone	7.36	82	904865	48.332 ng	#	62
51) 2,6-Dinitrotoluene	9.83	165	34726	8.173 ng	#	27
57) 2,4-Dinitrotoluene	9.83	165	34726	6.224 ng	#	29
65) 4,6-Dinitro-2-methylphenol	10.62	198	702	4.057 ng	#	1
67) 4-Bromophenyl-phenylether	10.62	248	23525	4.047 ng	#	1
77) Benzydine	12.91	184	21357	2.020 ng	#	95

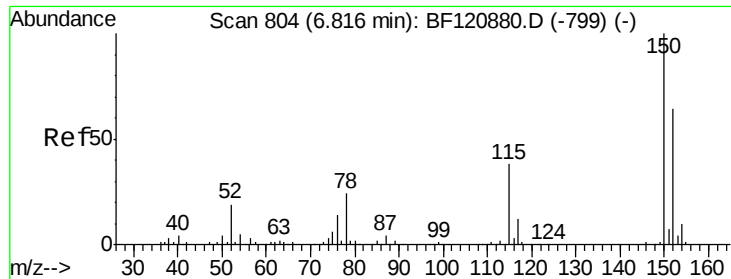
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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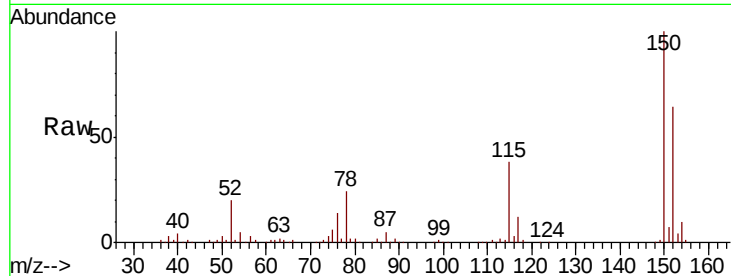


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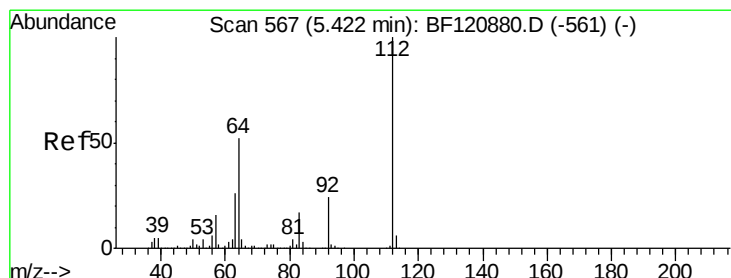
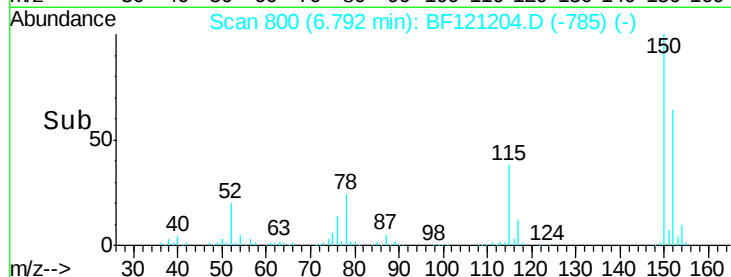
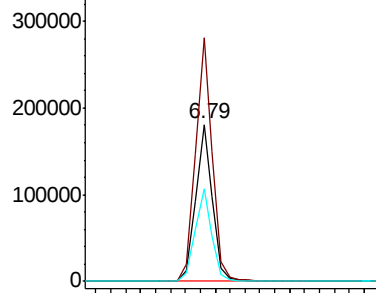
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 800
Delta R.T. -0.01 min
Lab File: BF121204.D
Acq: 6 Aug 2020 16:06

Instrument :
BNA_F
ClientSampleId :
PB130763BL

Tot Ion:152 Resp: 143363
Ion Ratio Lower Upper
152 100
150 155.4 125.6 188.4
115 59.3 46.2 69.2



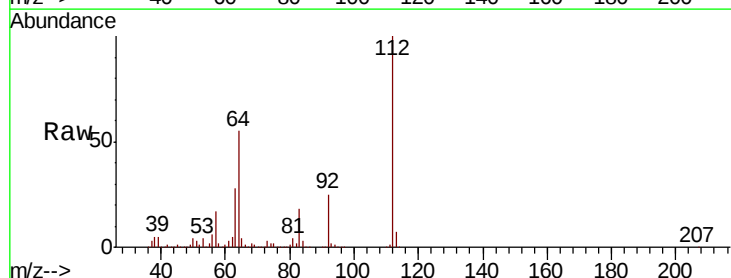
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



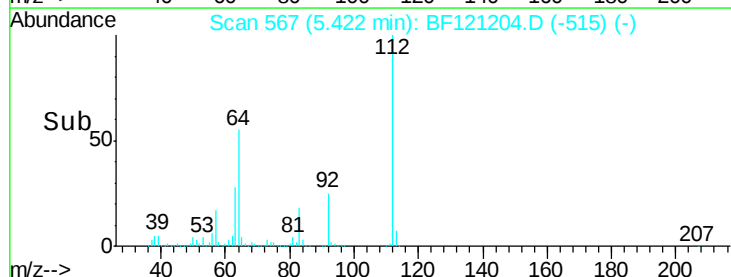
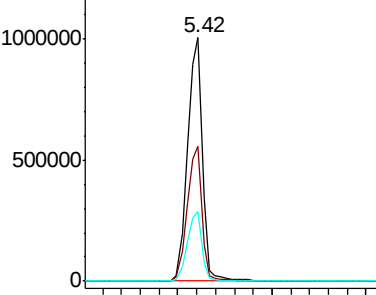
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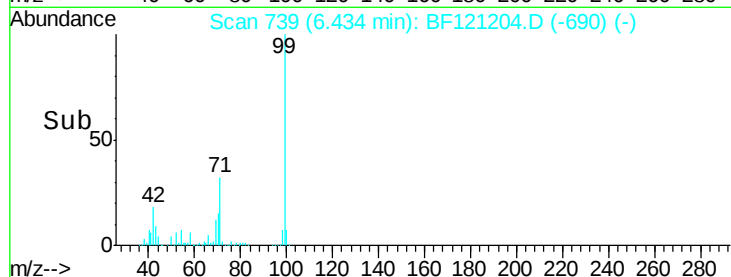
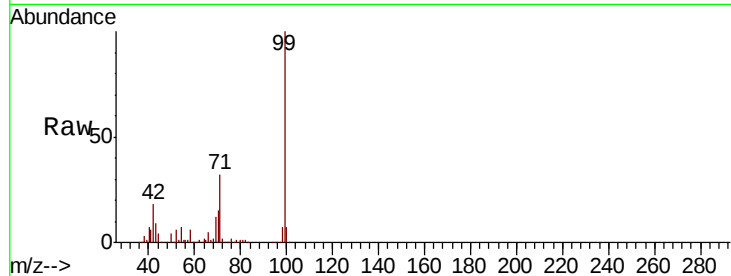
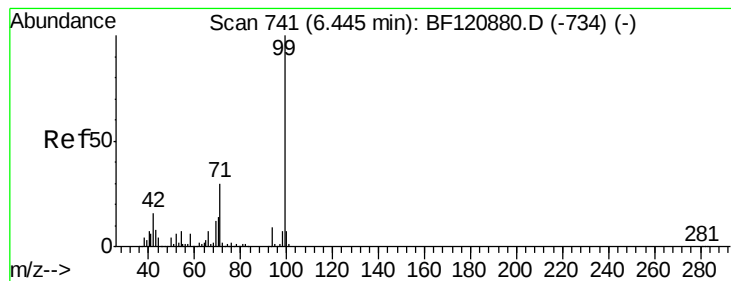
2-Fluorophenol
Concen: 128.160 ng
RT: 5.42 min Scan# 567
Delta R.T. 0.01 min
Lab File: BF121204.D
Acq: 6 Aug 2020 16:06

Tgt Ion:112 Resp: 1120768
Ion Ratio Lower Upper
112 100
64 55.2 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: 122.018 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.01 min

Lab File: BF121204.D

Acq: 6 Aug 2020 16:06

Instrument :

BNA_F

ClientSampleId :

PB130763BL

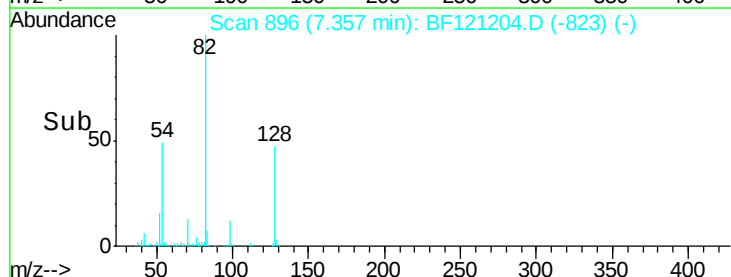
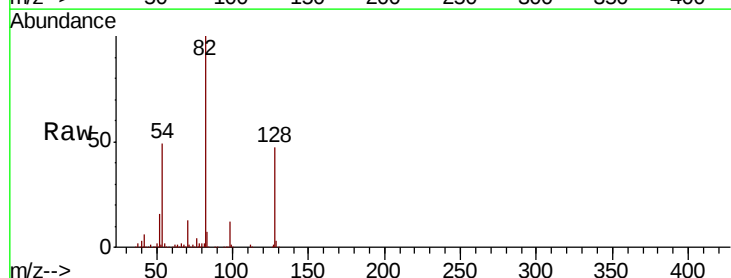
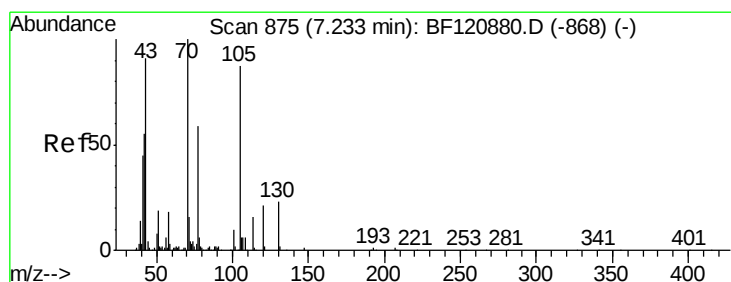
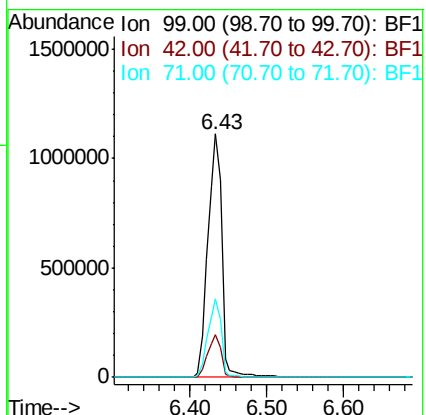
Tot Ion: 99 Resp: 1378364

Ion Ratio Lower Upper

99 100

42 17.7 13.5 20.3

71 32.1 25.0 37.4



#19

n-Nitroso-di-n-propylamine

Concen: 19.114 ng

RT: 7.36 min Scan# 896

Delta R.T. 0.13 min

Lab File: BF121204.D

Acq: 6 Aug 2020 16:06

Tgt Ion: 70 Resp: 122779

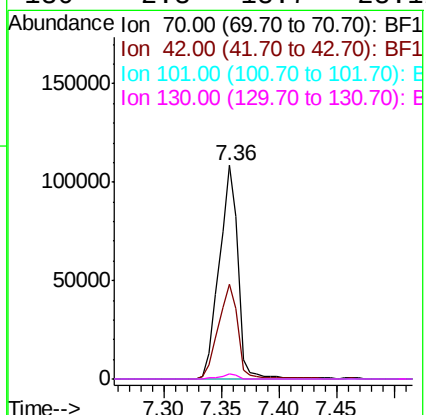
Ion Ratio Lower Upper

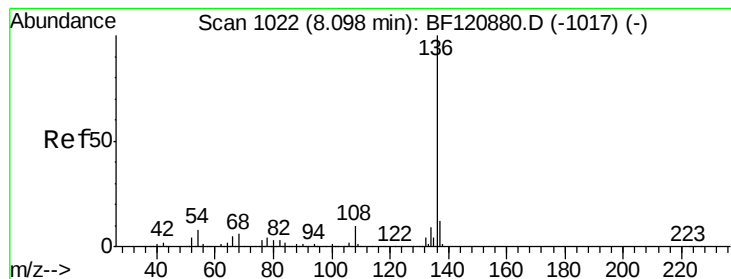
70 100

42 44.1 43.3 64.9

101 0.0 8.4 12.6#

130 2.3 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: BF121204.D

Acq: 6 Aug 2020 16:06

Instrument :

BNA_F

ClientSampleId :

PB130763BL

Tot Ion:136 Resp: 542793

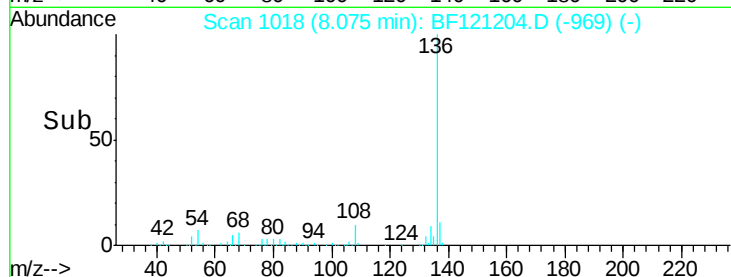
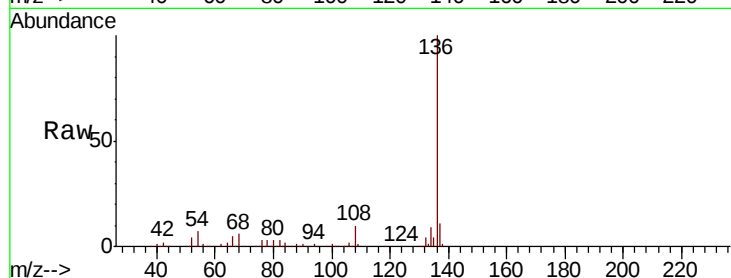
Ion Ratio Lower Upper

136 100

137 11.0 9.0 13.4

54 7.4 6.1 9.1

68 5.8 5.0 7.6

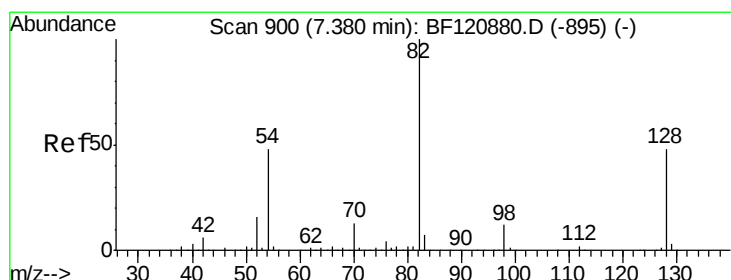
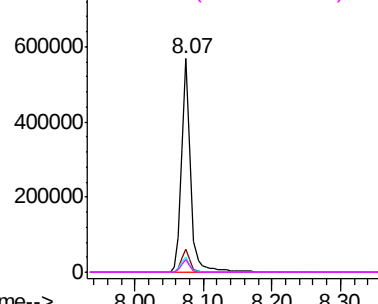


Abundance Ion 136.00 (135.70 to 136.70): E

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: 98.709 ng

RT: 7.36 min Scan# 896

Delta R.T. -0.02 min

Lab File: BF121204.D

Acq: 6 Aug 2020 16:06

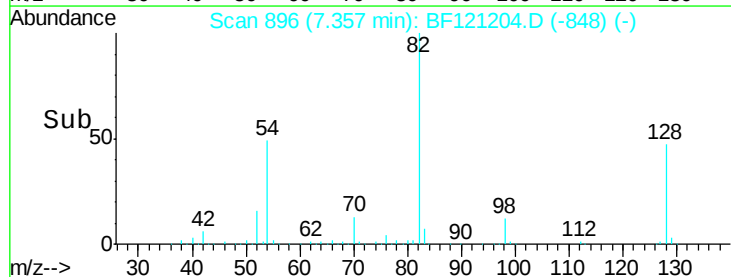
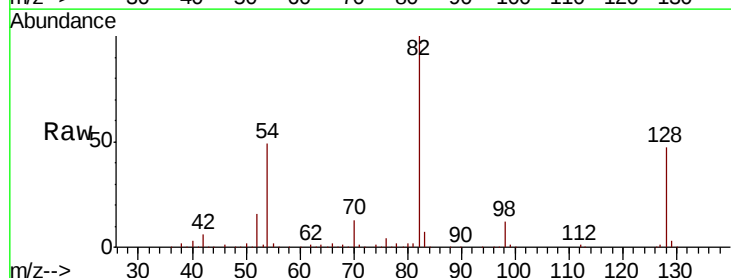
Tgt Ion: 82 Resp: 925958

Ion Ratio Lower Upper

82 100

128 46.8 39.2 58.8

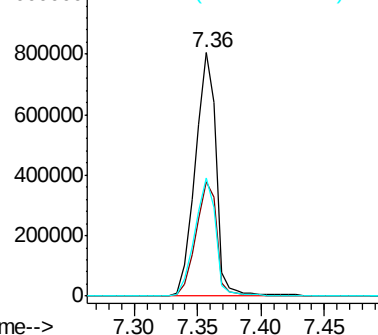
54 48.7 37.8 56.8

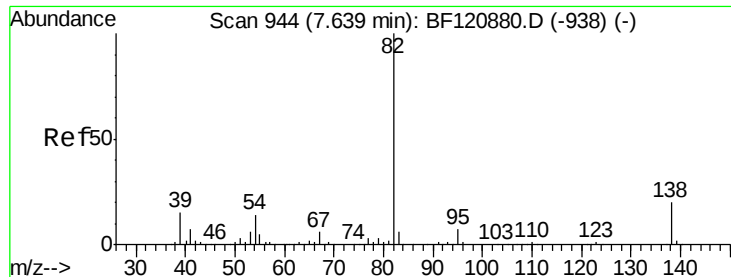


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

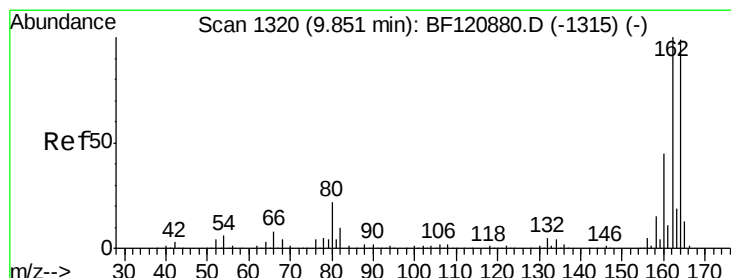
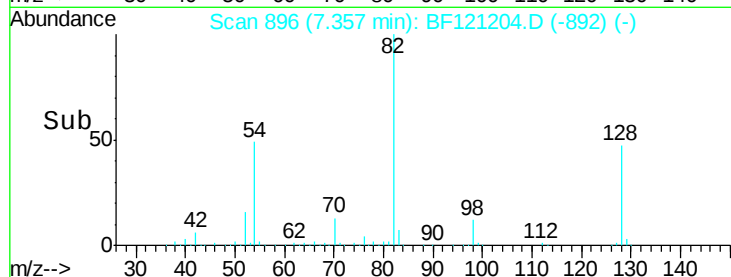
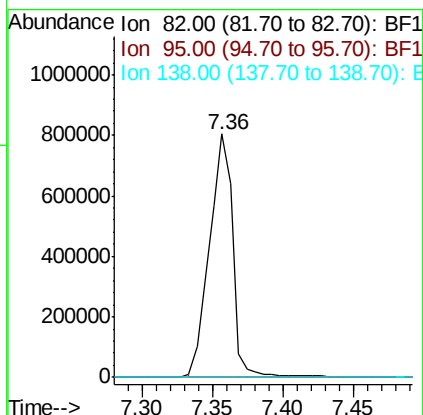
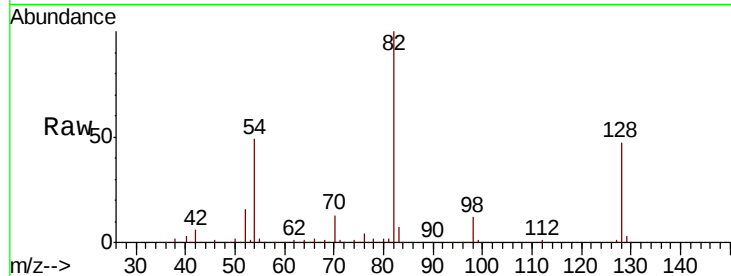




#25
Isophorone
Concen: 48.332 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.28 min
Lab File: BF121204.D
Acq: 6 Aug 2020 16:06

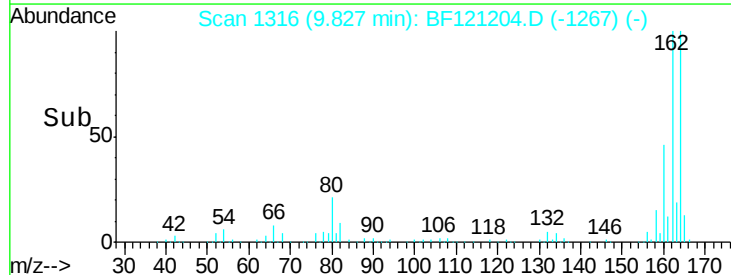
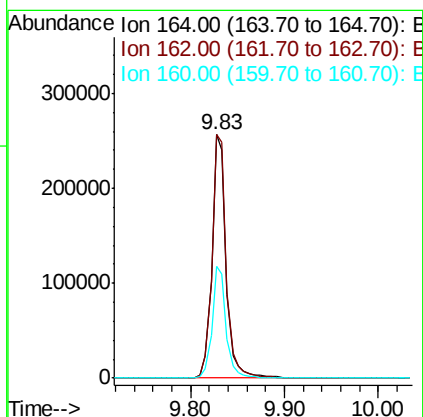
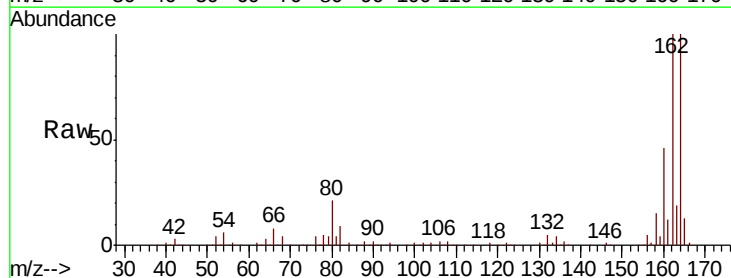
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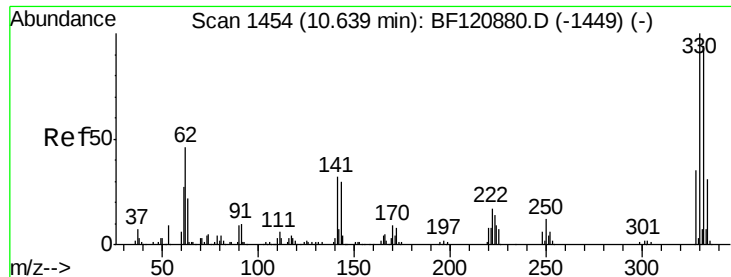
Tot Ion: 82 Resp: 904865
Ion Ratio Lower Upper
82 100
95 0.0 5.5 8.3#
138 0.0 16.2 24.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1316
Delta R.T. -0.01 min
Lab File: BF121204.D
Acq: 6 Aug 2020 16:06

Tgt Ion: 164 Resp: 274129
Ion Ratio Lower Upper
164 100
162 100.0 82.2 123.2
160 45.8 37.2 55.8

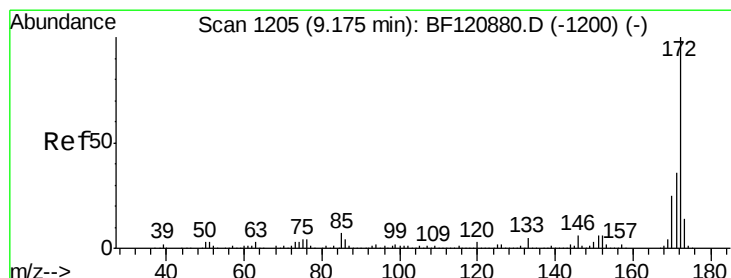
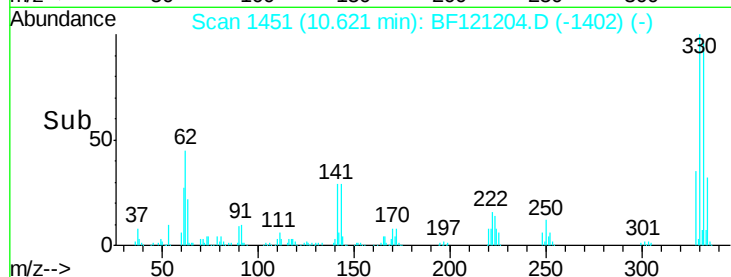
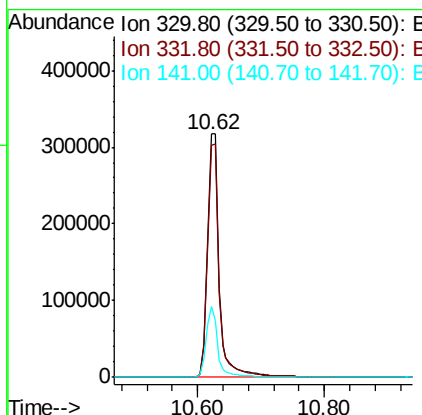
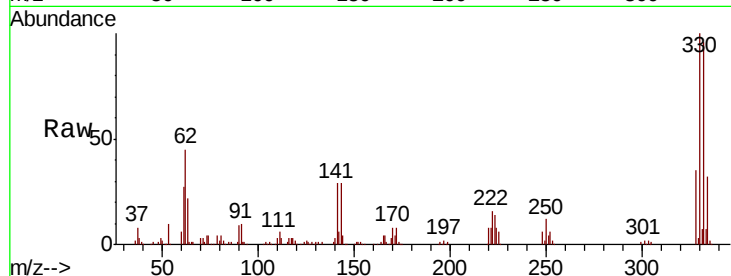




#42
 2,4,6-Tribromophenol
 Concen: 136.221 ng
 RT: 10.62 min Scan# 1451
 Delta R.T. -0.01 min
 Lab File: BF121204.D
 Acq: 6 Aug 2020 16:06

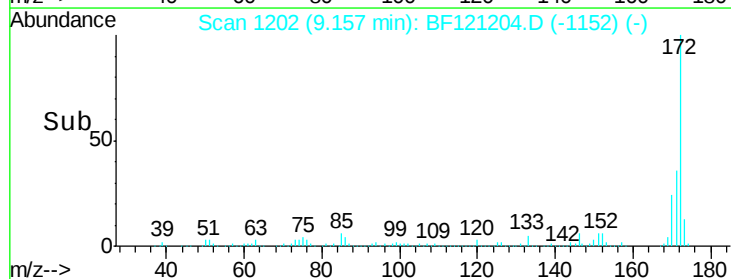
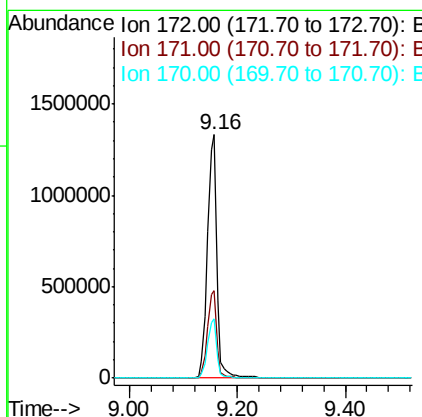
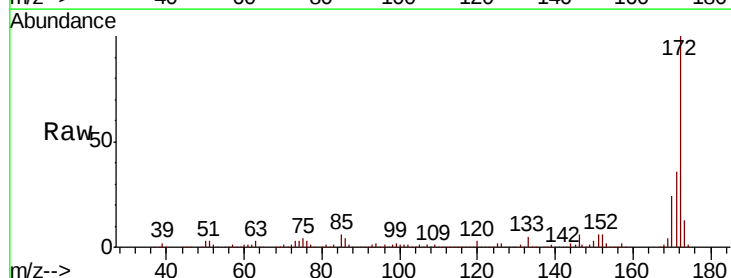
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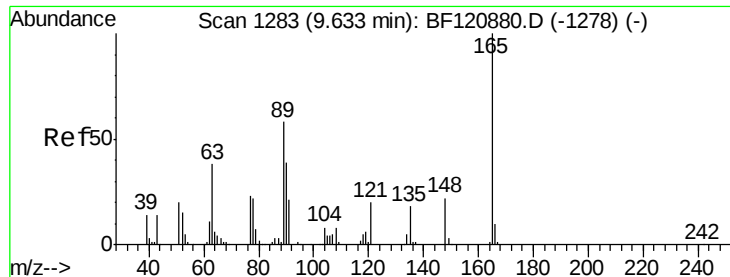
Tot Ion:330 Resp: 408748
 Ion Ratio Lower Upper
 330 100
 332 95.6 76.1 114.1
 141 29.0 24.1 36.1



#45
 2-Fluorobiphenyl
 Concen: 88.315 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. -0.01 min
 Lab File: BF121204.D
 Acq: 6 Aug 2020 16:06

Tgt Ion:172 Resp: 1621501
 Ion Ratio Lower Upper
 172 100
 171 36.0 29.0 43.4
 170 24.1 19.6 29.4

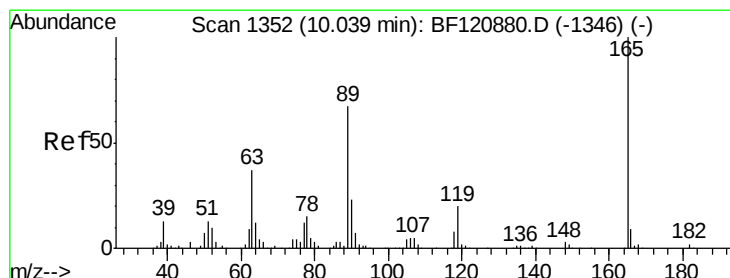
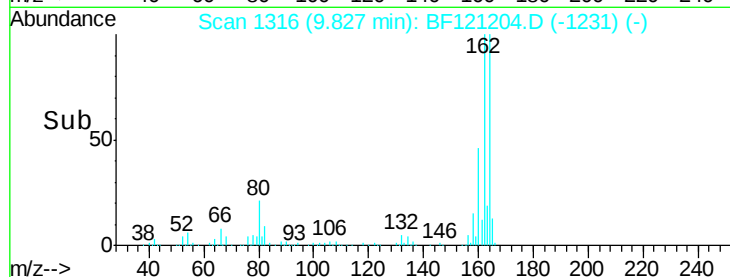
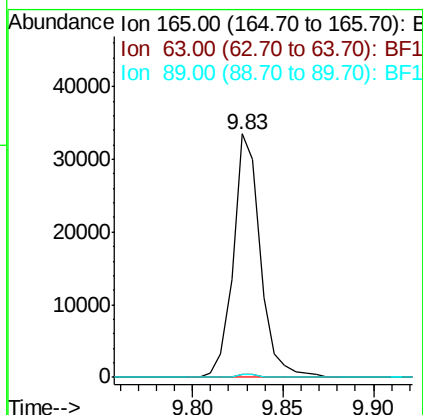
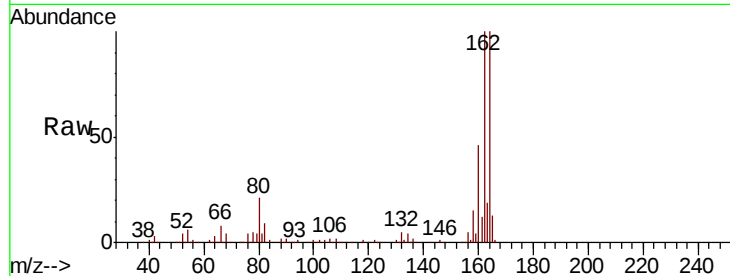




#51
 2,6-Dinitrotoluene
 Concen: 8.173 ng
 RT: 9.83 min Scan# 1316
 Delta R.T. 0.20 min
 Lab File: BF121204.D
 Acq: 6 Aug 2020 16:06

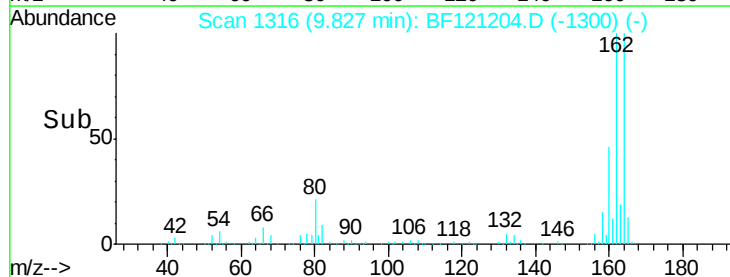
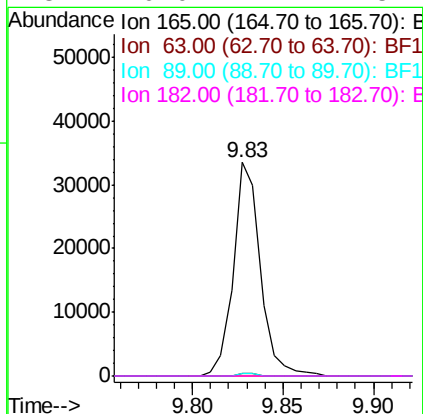
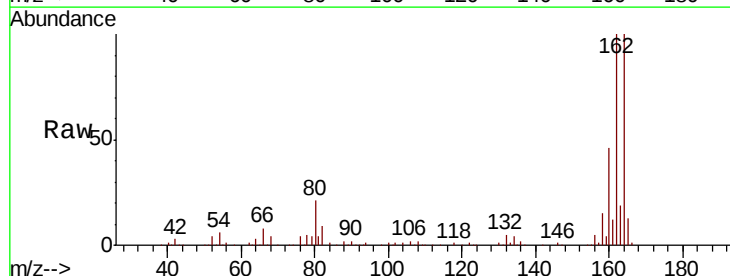
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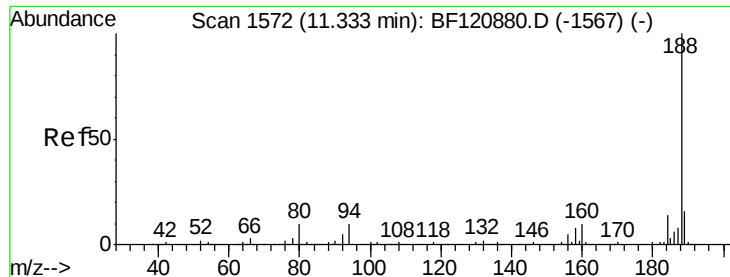
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.0	41.1	61.7#
89	1.4	43.5	65.3#



#57
 2,4-Dinitrotoluene
 Concen: 6.224 ng
 RT: 9.83 min Scan# 1316
 Delta R.T. -0.21 min
 Lab File: BF121204.D
 Acq: 6 Aug 2020 16:06

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.0	29.8	44.8#
89	1.4	50.3	75.5#
182	0.0	2.1	3.1#

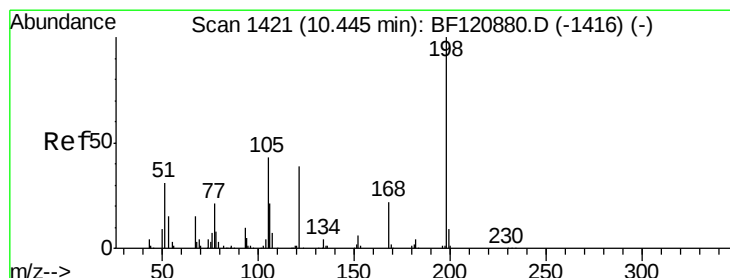
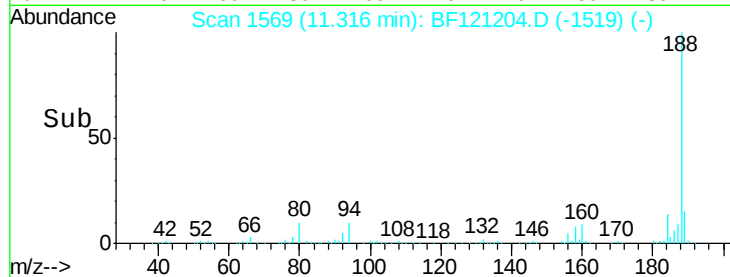
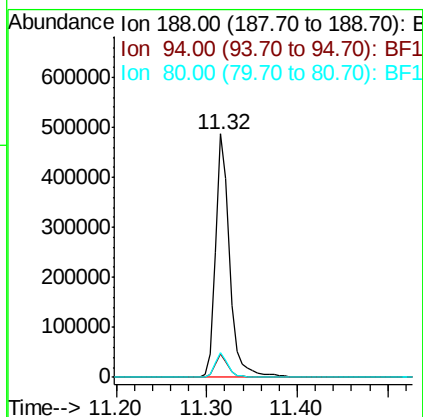
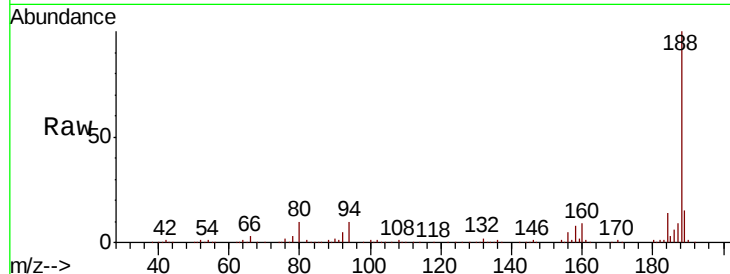




#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.32 min Scan# 1569
 Delta R.T. -0.01 min
 Lab File: BF121204.D
 Acq: 6 Aug 2020 16:06

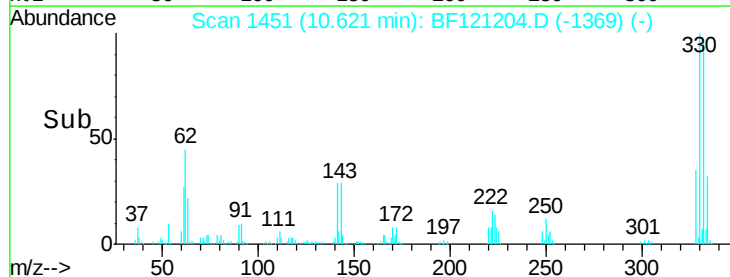
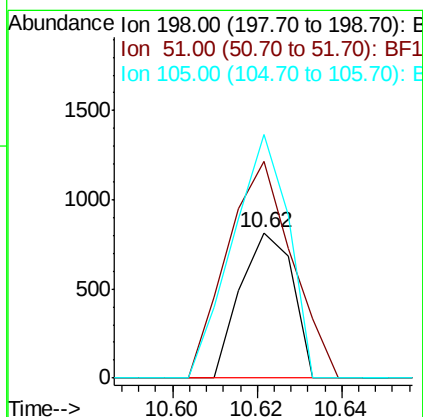
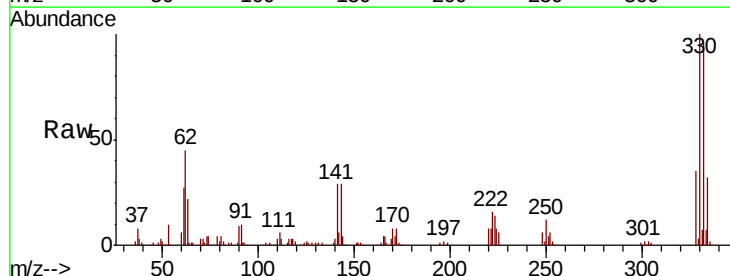
Instrument :
 BNA_F
 ClientSampleId :
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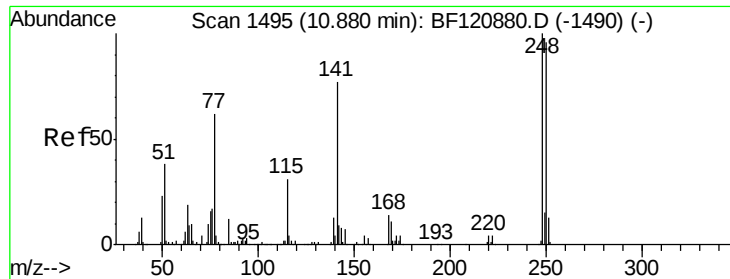
Tot Ion:188 Resp: 521345
 Ion Ratio Lower Upper
 188 100
 94 9.7 8.0 12.0
 80 10.2 8.3 12.5



#65
 4,6-Dinitro-2-methylphenol
 Concen: 4.057 ng
 RT: 10.62 min Scan# 1451
 Delta R.T. 0.18 min
 Lab File: BF121204.D
 Acq: 6 Aug 2020 16:06

Tgt Ion:198 Resp: 702
 Ion Ratio Lower Upper
 198 100
 51 149.6 23.4 63.4#
 105 167.6 23.7 63.7#

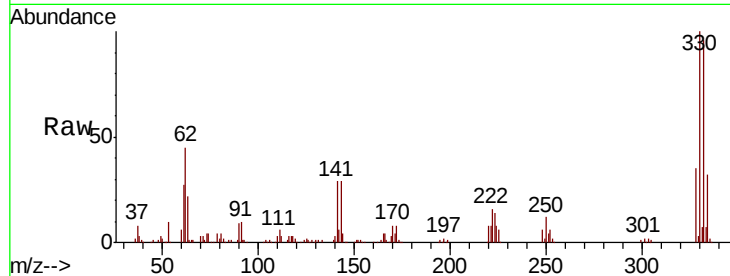




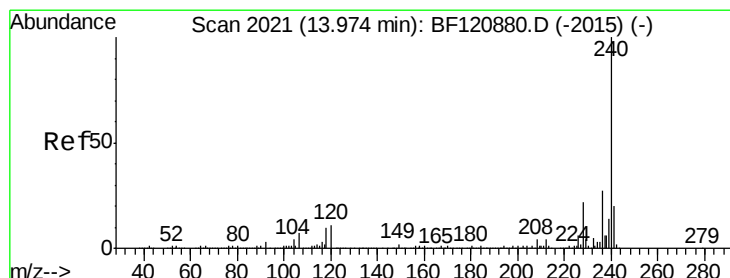
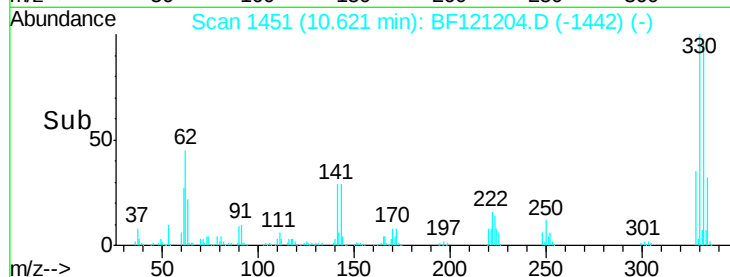
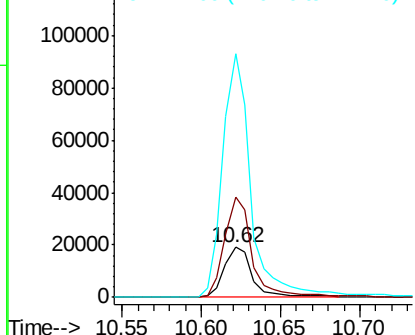
#67
 4-Bromophenyl-phenylether
 Concen: 4.047 ng
 RT: 10.62 min Scan# 1451
 Delta R.T. -0.25 min
 Lab File: BF121204.D
 Acq: 6 Aug 2020 16:06

Instrument :
 BNA_F
 ClientSampleId :
 PB130763BL

Tot Ion:248 Resp: 23525
 Ion Ratio Lower Upper
 248 100
 250 199.3 77.0 115.6#
 141 484.3 56.6 85.0#

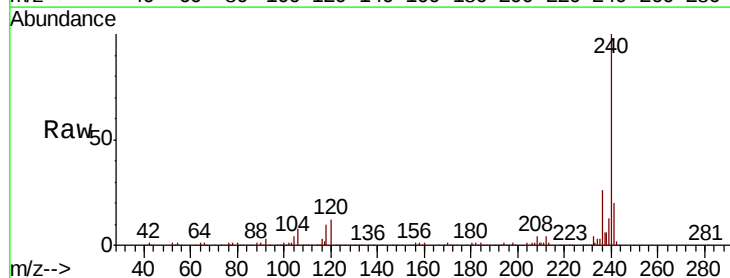


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

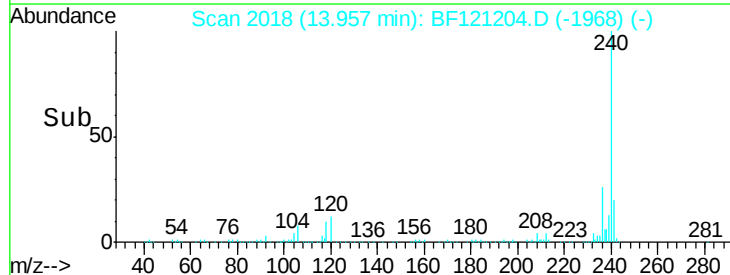
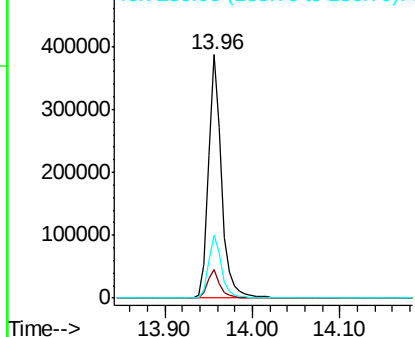


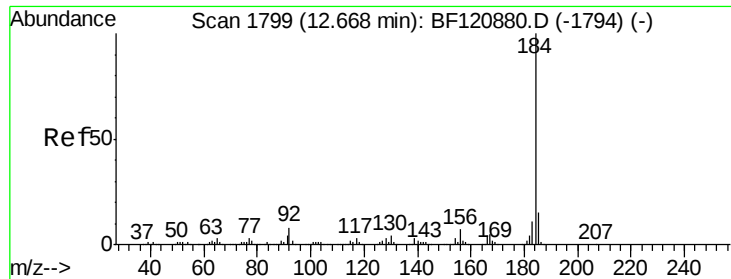
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.96 min Scan# 2018
 Delta R.T. -0.01 min
 Lab File: BF121204.D
 Acq: 6 Aug 2020 16:06

Tgt Ion:240 Resp: 402213
 Ion Ratio Lower Upper
 240 100
 120 11.5 9.3 13.9
 236 26.2 21.1 31.7



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





#77

Benzidine

Concen: 2.020 ng

RT: 12.91 min Scan# 1840

Delta R.T. 0.25 min

Lab File: BF121204.D

Acq: 6 Aug 2020 16:06

Instrument :

BNA_F

ClientSampleId :

PB130763BL

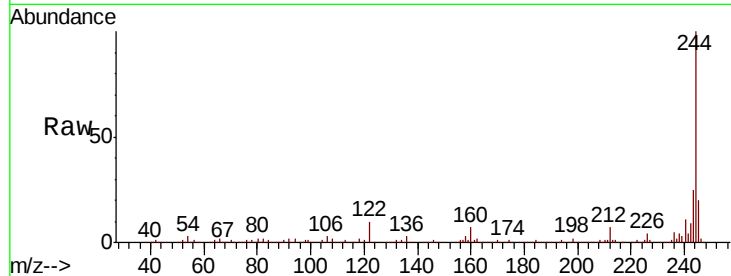
Tot Ion:184 Resp: 21357

Ion Ratio Lower Upper

184 100

185 15.9 12.1 18.1

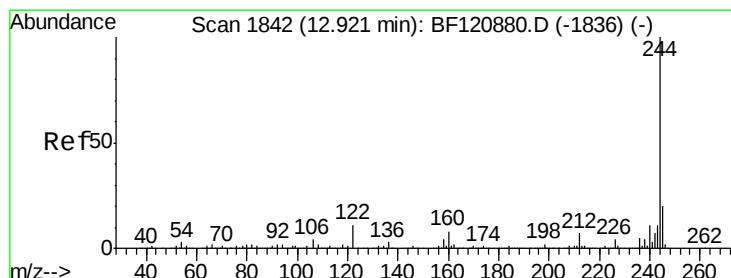
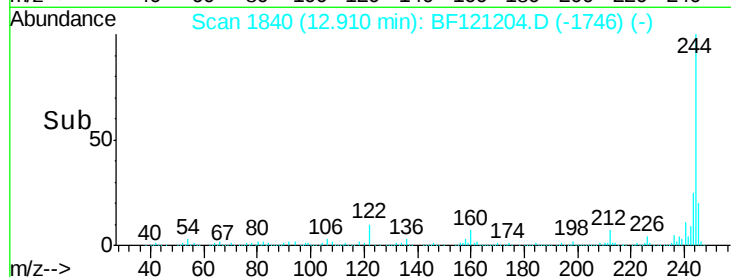
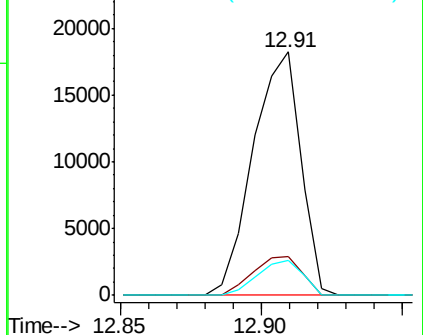
183 14.3 9.0 13.4#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#79

Terphenyl-d14

Concen: 85.134 ng

RT: 12.91 min Scan# 1840

Delta R.T. -0.00 min

Lab File: BF121204.D

Acq: 6 Aug 2020 16:06

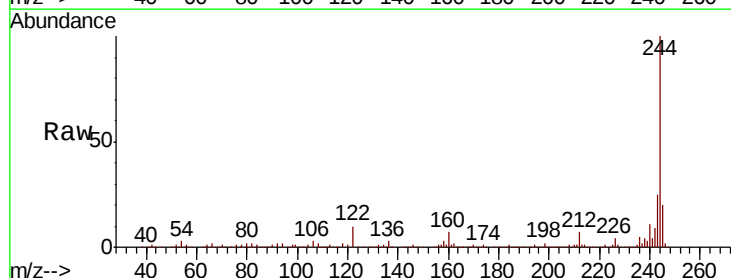
Tgt Ion:244 Resp: 1575232

Ion Ratio Lower Upper

244 100

212 7.1 5.7 8.5

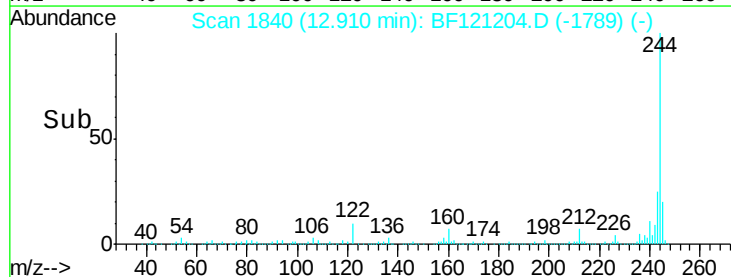
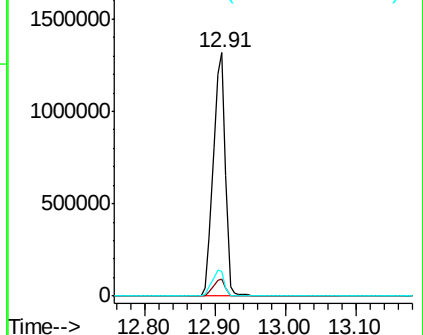
122 10.2 8.3 12.5

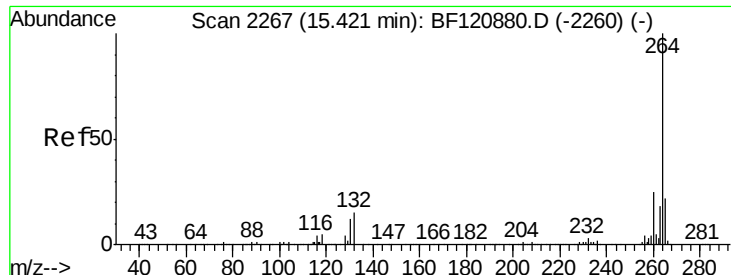


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

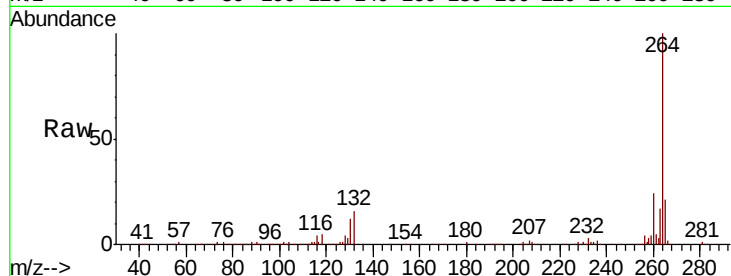




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.41 min Scan# 2265
Delta R.T. 0.01 min
Lab File: BF121204.D
Acq: 6 Aug 2020 16:06

Instrument :
BNA_F
ClientSampleId :
PB130763BL

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.9	29.9
265	21.2	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

