

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF093020\
 Data File : BF121756.D
 Acq On : 1 Oct 2020 00:09
 Operator : JU/CG
 Sample : L4136-06
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PAV-B26-092420-10-19

Quant Time: Oct 01 02:01:06 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 29 11:12:14 2020
 Response via : Initial Calibration

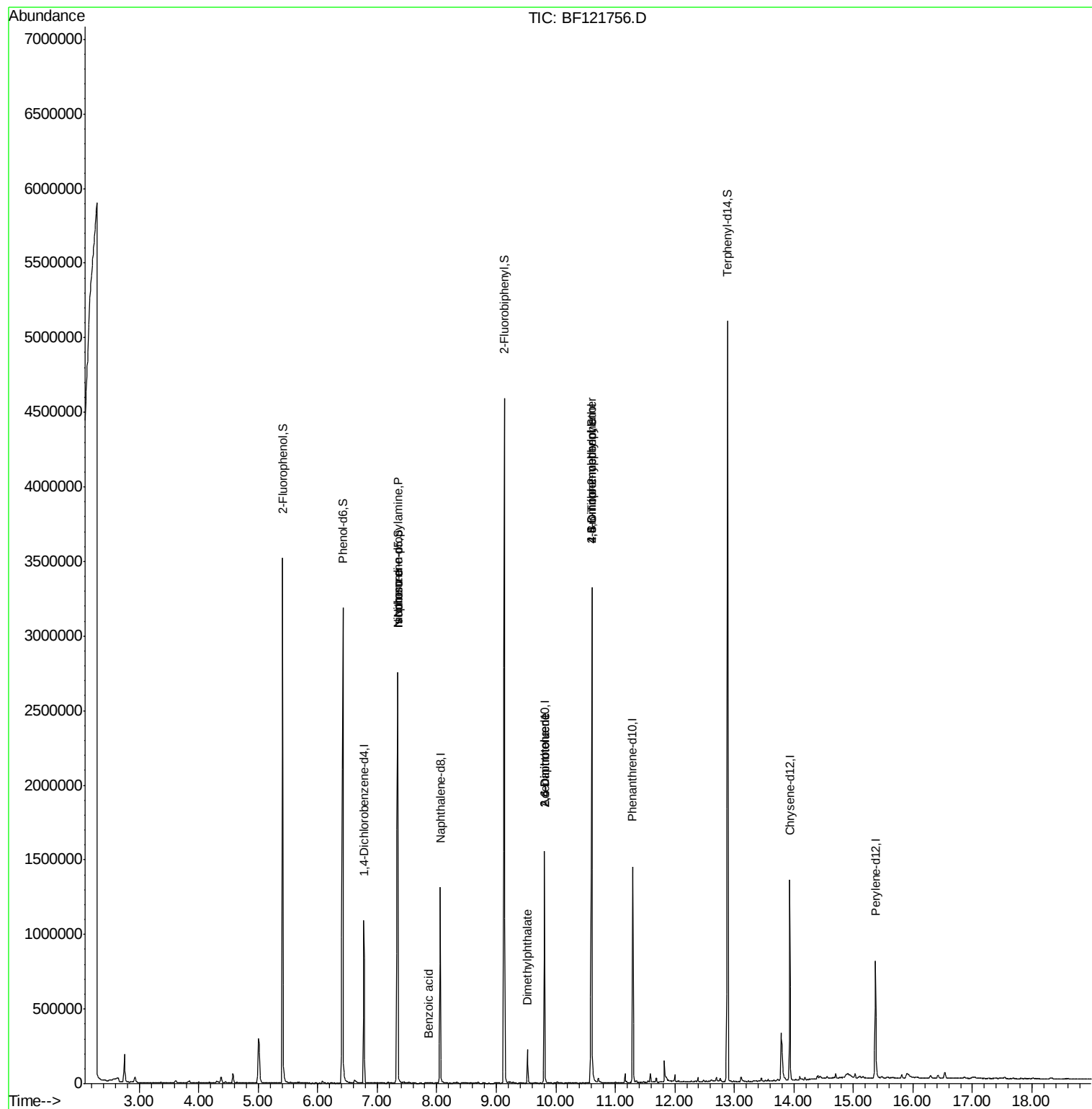
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	153557	20.00	ng	-0.01
21) Naphthalene-d8	8.06	136	604576	20.00	ng	-0.01
39) Acenaphthene-d10	9.81	164	315687	20.00	ng	-0.02
64) Phenanthrene-d10	11.29	188	579717	20.00	ng	-0.02
76) Chrysene-d12	13.93	240	422023	20.00	ng	-0.01
86) Perylene-d12	15.37	264	360015	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	1082532	104.77	ng	0.01
7) Phenol-d6	6.42	99	1293677	95.43	ng	0.00
23) Nitrobenzene-d5	7.35	82	1050347	93.28	ng	-0.01
42) 2,4,6-Tribromophenol	10.60	330	509185	129.78	ng	-0.01
45) 2-Fluorobiphenyl	9.14	172	1804559	86.58	ng	-0.01
79) Terphenyl-d14	12.89	244	1941008	93.18	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.35	70	142471	18.236	ng	# 77
25) Isophorone	7.35	82	1039133	45.844	ng	# 66
32) Benzoic acid	7.87	122	239	6.963	ng	89
50) Dimethylphthalate	9.53	163	86032	3.760	ng	99
51) 2,6-Dinitrotoluene	9.81	165	40653	8.343	ng	# 26
57) 2,4-Dinitrotoluene	9.81	165	40653	6.632	ng	# 23
65) 4,6-Dinitro-2-methylphenol	10.60	198	866	7.061	ng	# 1
67) 4-Bromophenyl-phenylether	10.60	248	29335	4.444	ng	# 1

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

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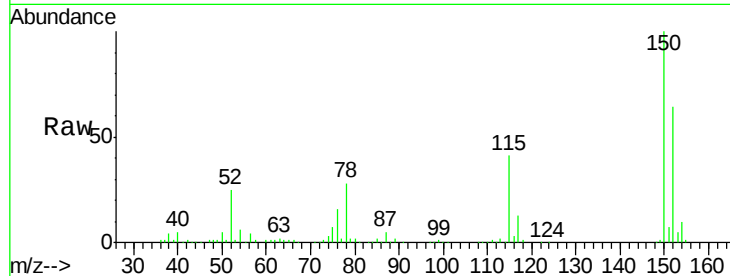


#1

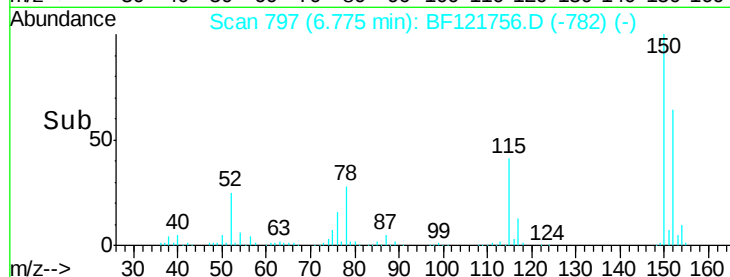
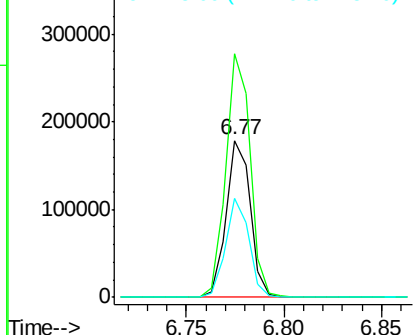
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.77 min Scan# 797
Delta R.T. -0.01 min
Lab File: BF121756.D
Acq: 1 Oct 2020 00:09

Instrument :
BNA_F
ClientSampleId :
PAV-B26-092420-10-19

Tot Ion:152 Resp: 153557
Ion Ratio Lower Upper
152 100
150 155.1 125.8 188.8
115 62.8 49.6 74.4



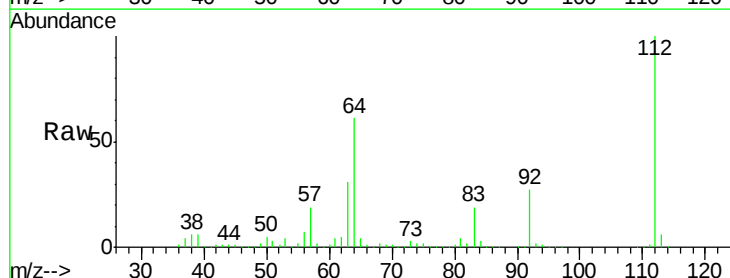
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



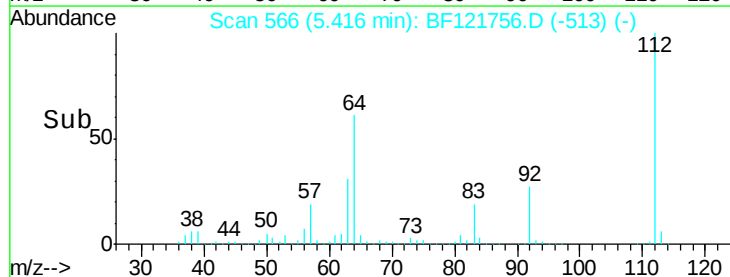
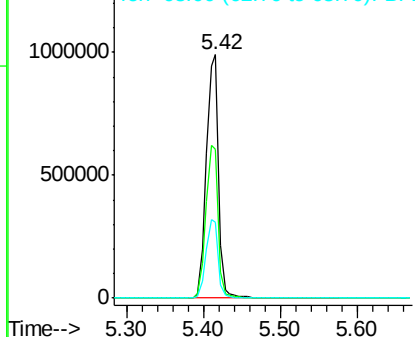
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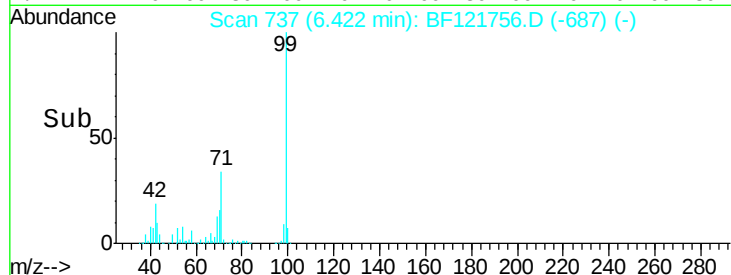
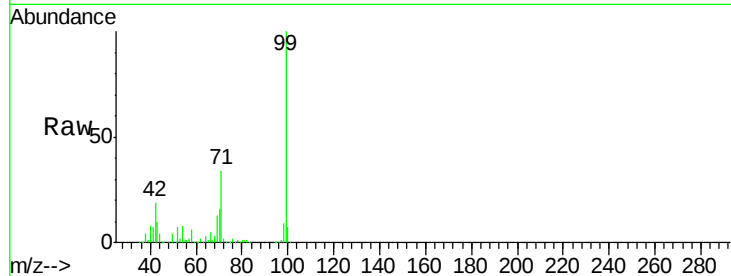
2-Fluorophenol
Concen: 104.768 ng
RT: 5.42 min Scan# 566
Delta R.T. 0.01 min
Lab File: BF121756.D
Acq: 1 Oct 2020 00:09

Tgt Ion:112 Resp: 1082532
Ion Ratio Lower Upper
112 100
64 61.3 51.2 76.8
63 31.2 25.9 38.9



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: 95.433 ng

RT: 6.42 min Scan# 737

Delta R.T. -0.01 min

Lab File: BF121756.D

Acq: 1 Oct 2020 00:09

Instrument :

BNA_F

ClientSampleId :

PAV-B26-092420-10-19

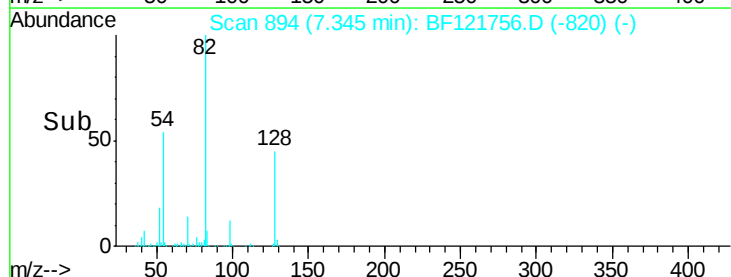
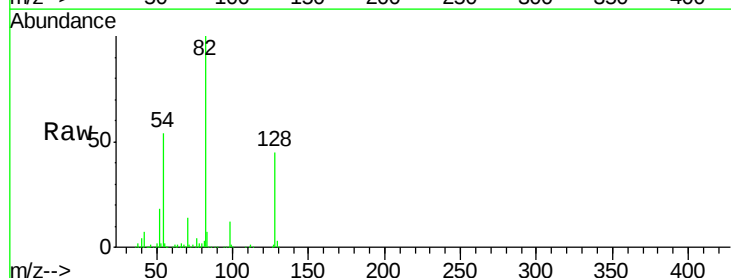
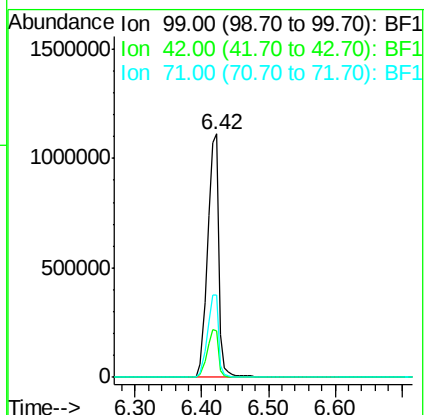
Tot Ion: 99 Resp: 1293677

Ion Ratio Lower Upper

99 100

42 19.1 16.5 24.7

71 33.7 27.8 41.6



#19

n-Nitroso-di-n-propylamine

Concen: 18.236 ng

RT: 7.35 min Scan# 894

Delta R.T. 0.14 min

Lab File: BF121756.D

Acq: 1 Oct 2020 00:09

Tgt Ion: 70 Resp: 142471

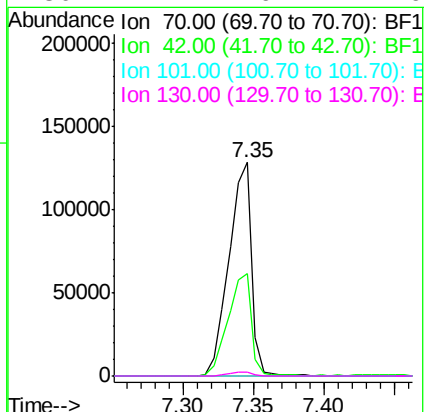
Ion Ratio Lower Upper

70 100

42 48.1 48.6 73.0#

101 0.0 7.5 11.3#

130 2.1 16.4 24.6#

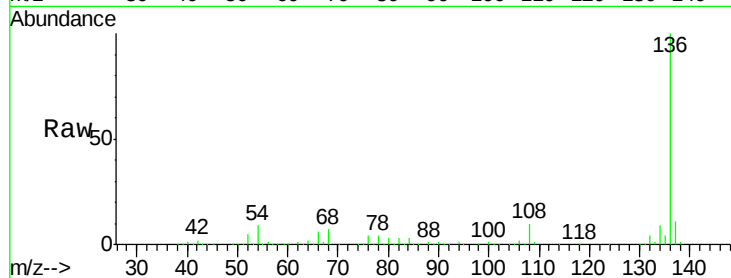




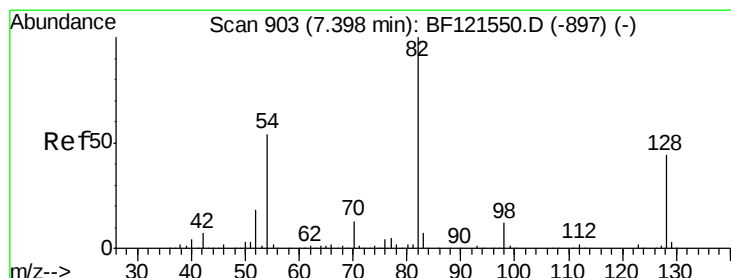
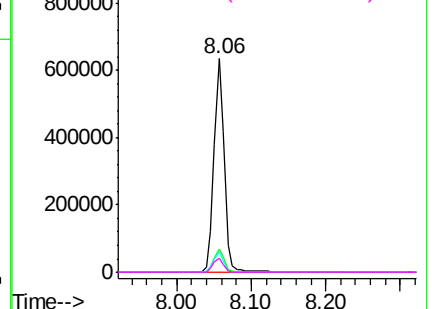
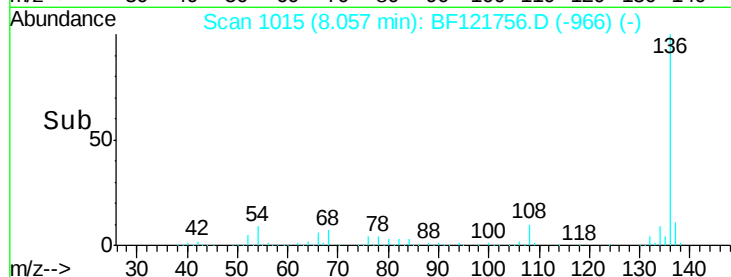
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.06 min Scan# 1015
Delta R.T. -0.01 min
Lab File: BF121756.D
Acq: 1 Oct 2020 00:09

Instrument :
BNA_F
ClientSampleId :
PAV-B26-092420-10-19

Tot Ion:136	Resp: 604576
Ion Ratio	Lower Upper
136 100	
137 11.0	9.1 13.7
54 9.5	7.8 11.8
68 6.8	5.6 8.4

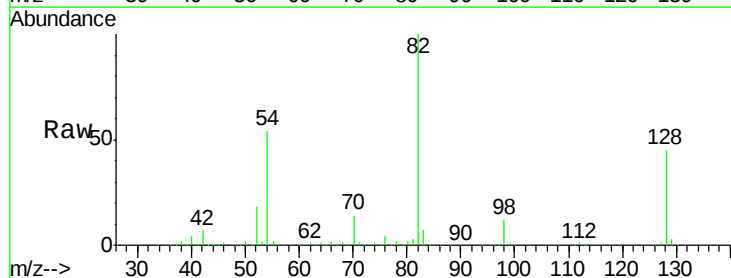


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

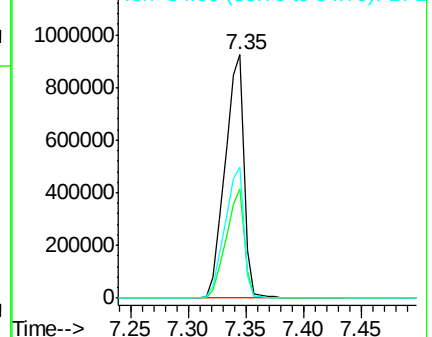
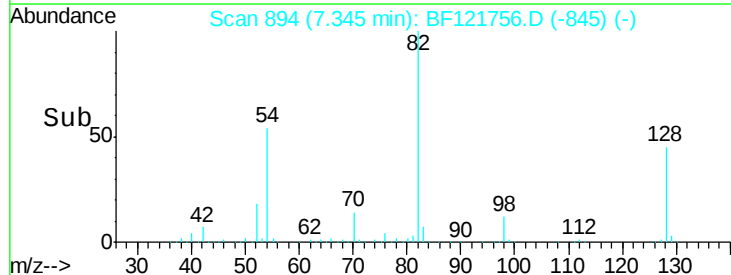


#23
Nitrobenzene-d5
Concen: 93.280 ng
RT: 7.35 min Scan# 894
Delta R.T. -0.01 min
Lab File: BF121756.D
Acq: 1 Oct 2020 00:09

Tgt Ion: 82	Resp: 1050347
Ion Ratio	Lower Upper
82 100	
128 44.7	35.0 52.4
54 53.6	42.5 63.7



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: 45.844 ng

RT: 7.35 min Scan# 894

Delta R.T. -0.27 min

Lab File: BF121756.D

Acq: 1 Oct 2020 00:09

Instrument :

BNA_F

ClientSampleId :

PAV-B26-092420-10-19

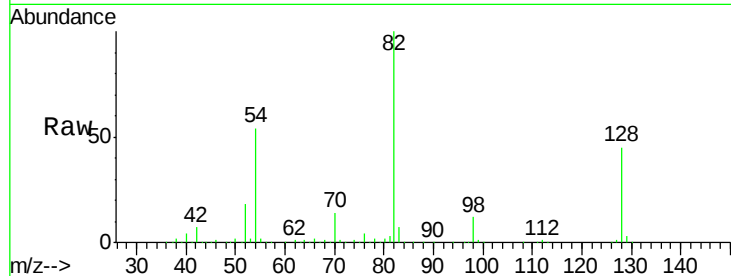
Tot Ion: 82 Resp: 1039133

Ion Ratio Lower Upper

82 100

95 0.0 5.6 8.4#

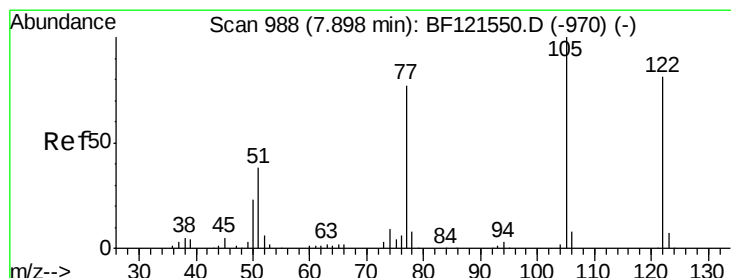
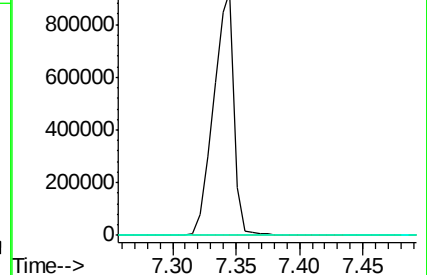
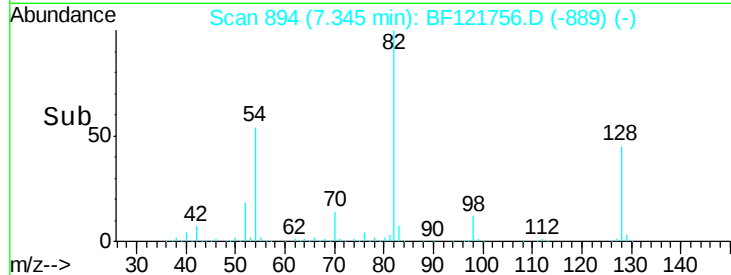
138 0.0 13.9 20.9#



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



#32

Benzoic acid

Concen: 6.963 ng

RT: 7.87 min Scan# 983

Delta R.T. -0.01 min

Lab File: BF121756.D

Acq: 1 Oct 2020 00:09

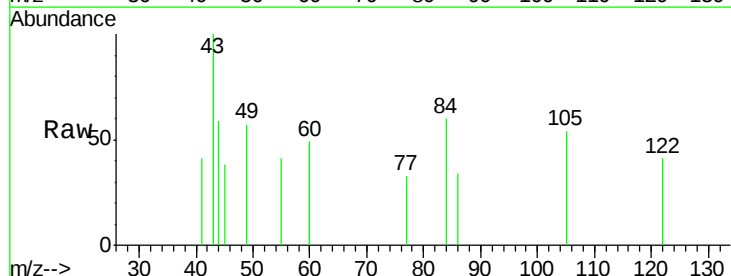
Tgt Ion: 122 Resp: 239

Ion Ratio Lower Upper

122 100

105 132.8 103.8 143.8

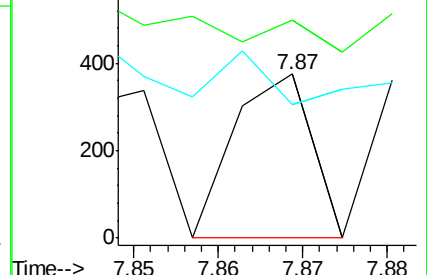
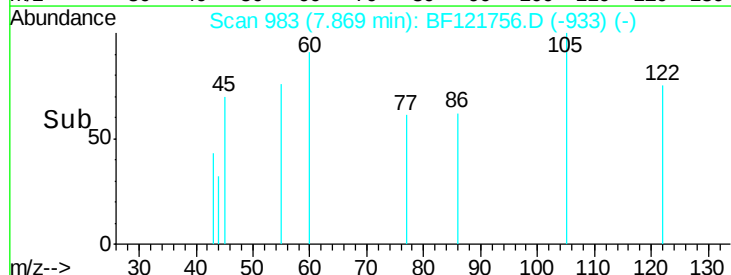
77 81.1 75.8 115.8

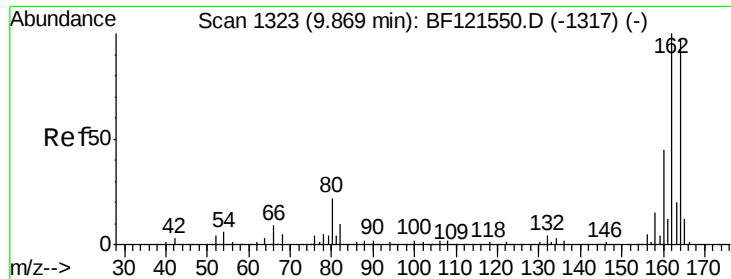


Abundance Ion 122.00 (121.70 to 122.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

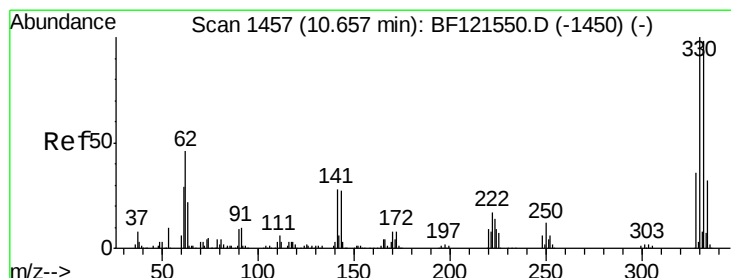
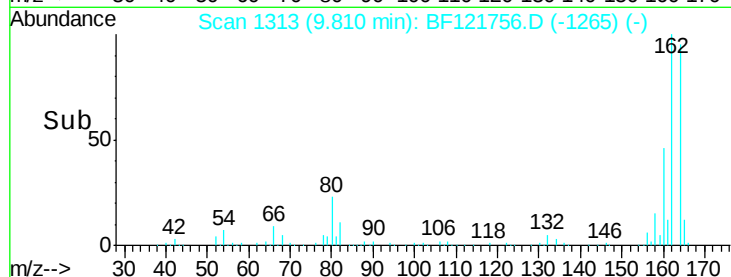
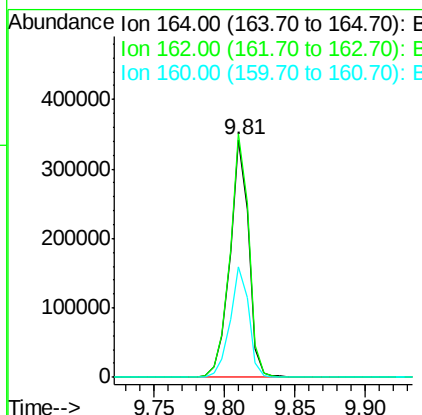
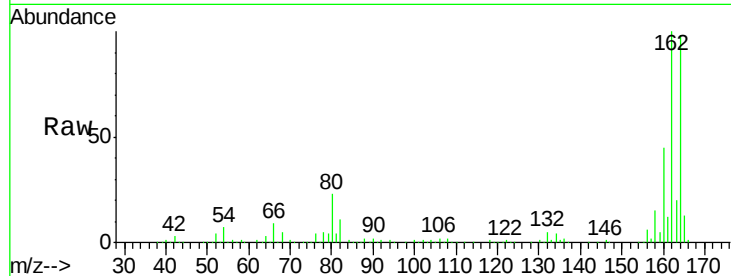




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.81 min Scan# 1313
Delta R.T. -0.02 min
Lab File: BF121756.D
Acq: 1 Oct 2020 00:09

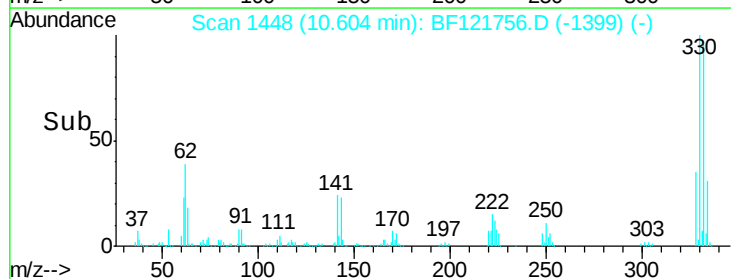
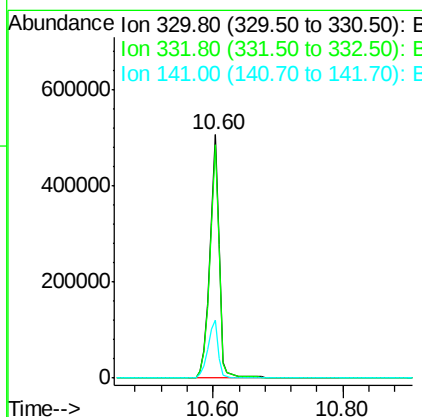
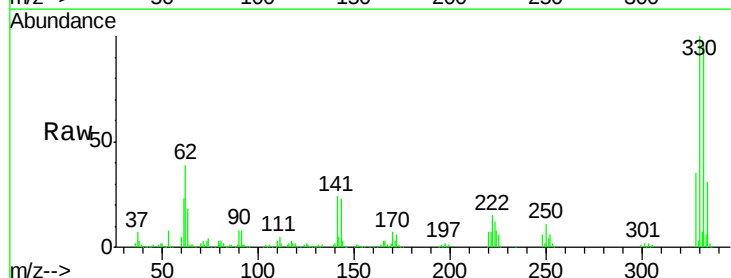
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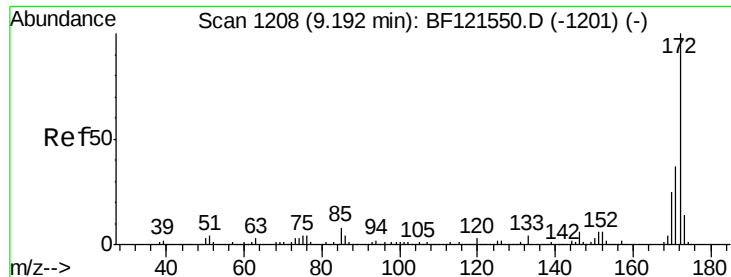
Tot Ion:164 Resp: 315687
Ion Ratio Lower Upper
164 100
162 102.5 80.6 121.0
160 46.6 36.9 55.3



#42
2,4,6-Tribromophenol
Concen: 129.776 ng
RT: 10.60 min Scan# 1448
Delta R.T. -0.01 min
Lab File: BF121756.D
Acq: 1 Oct 2020 00:09

Tgt Ion:330 Resp: 509185
Ion Ratio Lower Upper
330 100
332 96.5 77.6 116.4
141 26.4 22.9 34.3

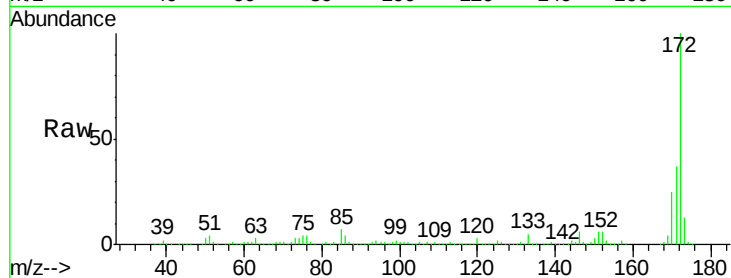




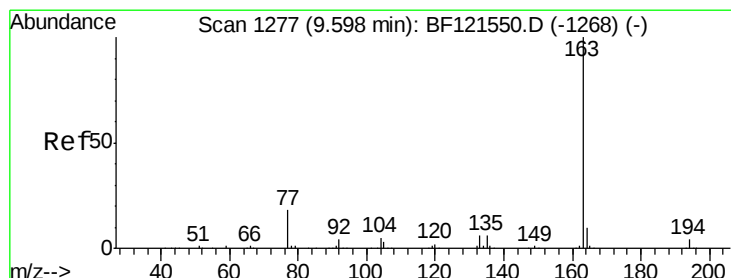
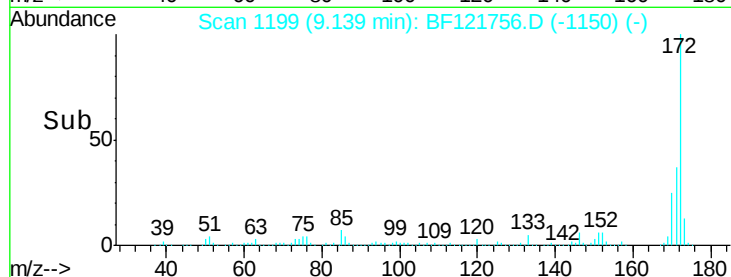
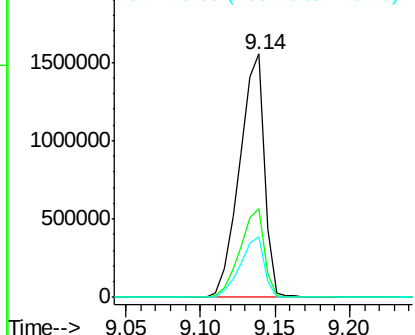
#45
2-Fluorobiphenyl
Concen: 86.575 ng
RT: 9.14 min Scan# 1199
Delta R.T. -0.01 min
Lab File: BF121756.D
Acq: 1 Oct 2020 00:09

Instrument :
BNA_F
ClientSampleId :
PAV-B26-092420-10-19

Tot Ion:172 Resp: 1804559
Ion Ratio Lower Upper
172 100
171 36.5 29.2 43.8
170 24.6 19.7 29.5

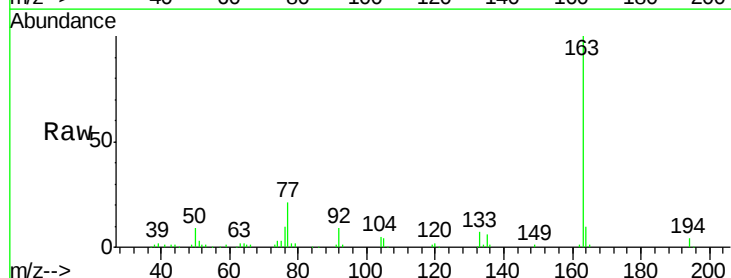


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

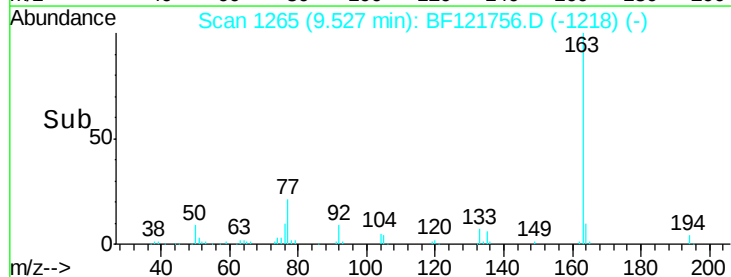
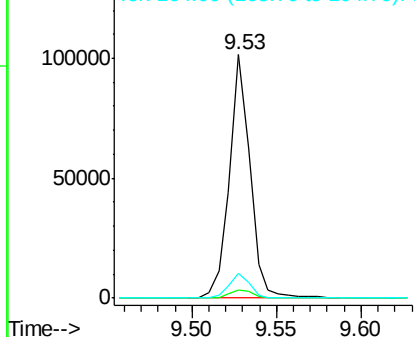


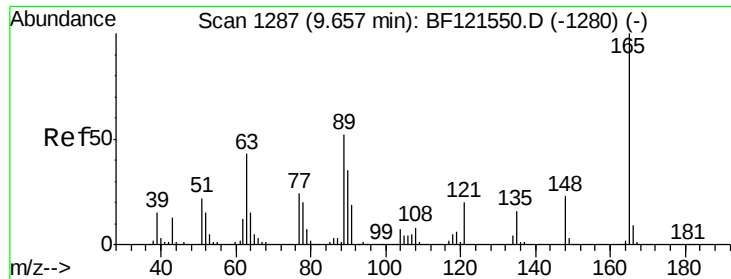
#50
Dimethylphthalate
Concen: 3.760 ng
RT: 9.53 min Scan# 1265
Delta R.T. -0.02 min
Lab File: BF121756.D
Acq: 1 Oct 2020 00:09

Tgt Ion:163 Resp: 86032
Ion Ratio Lower Upper
163 100
194 3.6 3.1 4.7
164 10.4 8.5 12.7



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

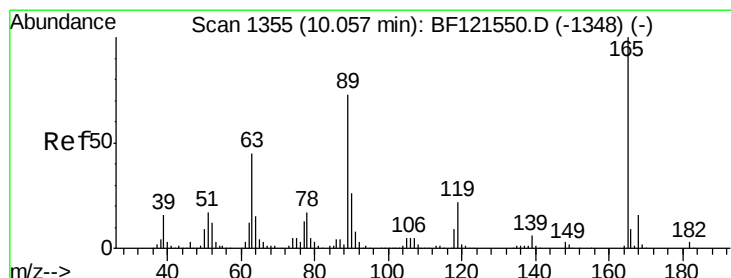
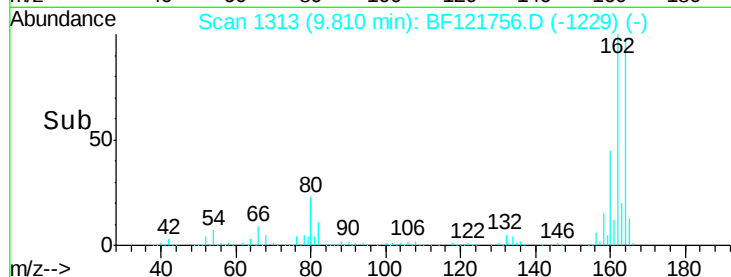
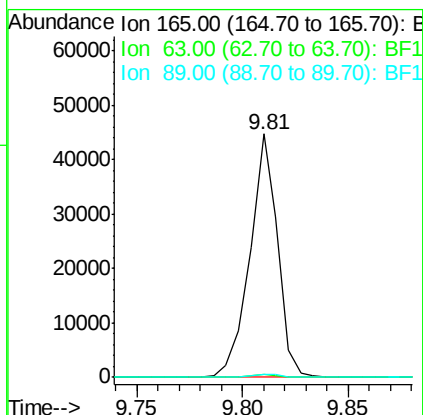
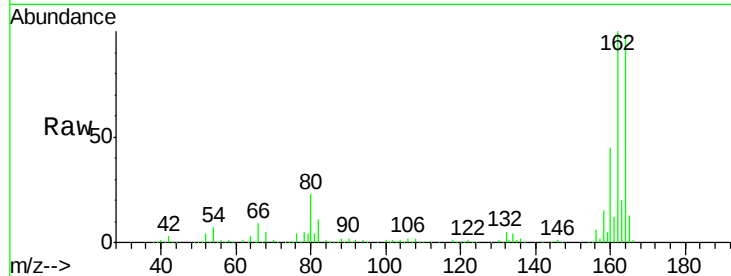




#51
 2,6-Dinitrotoluene
 Concen: 8.343 ng
 RT: 9.81 min Scan# 1313
 Delta R.T. 0.19 min
 Lab File: BF121756.D
 Acq: 1 Oct 2020 00:09

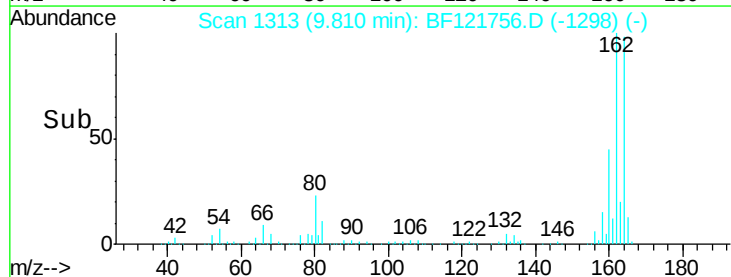
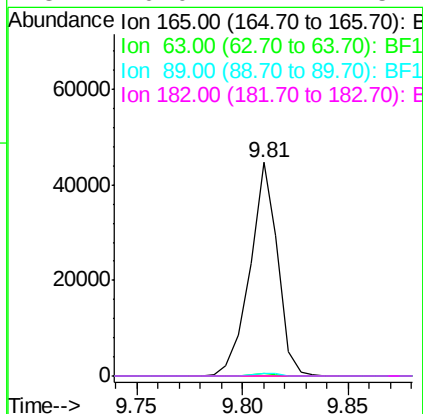
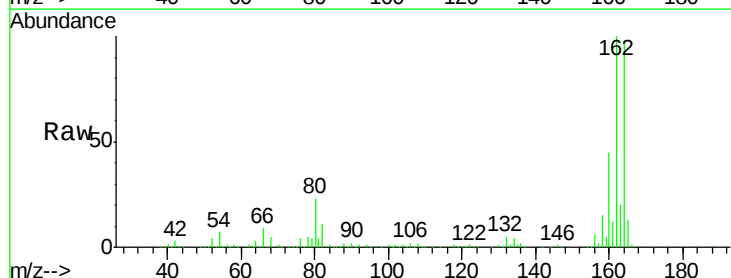
Instrument :
 BNA_F
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 PAV-B26-092420-10-19

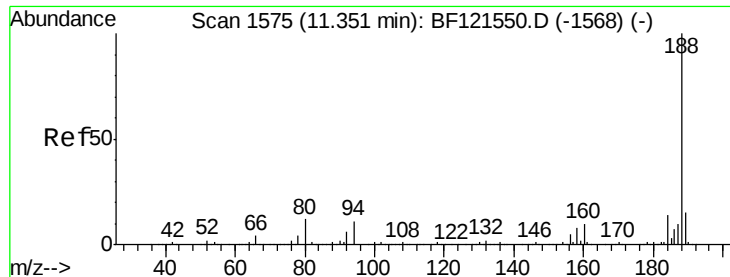
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.3	43.8	65.6#
89	1.4	43.0	64.4#



#57
 2,4-Dinitrotoluene
 Concen: 6.632 ng
 RT: 9.81 min Scan# 1313
 Delta R.T. -0.21 min
 Lab File: BF121756.D
 Acq: 1 Oct 2020 00:09

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.3	39.0	58.6#
89	1.4	57.5	86.3#
182	0.0	2.2	3.4#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.29 min Scan# 1565

Delta R.T. -0.02 min

Lab File: BF121756.D

Acq: 1 Oct 2020 00:09

Instrument :

BNA_F

ClientSampleId :

PAV-B26-092420-10-19

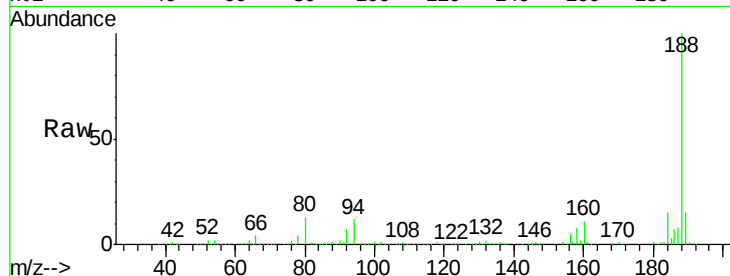
Tot Ion:188 Resp: 579717

Ion Ratio Lower Upper

188 100

94 11.8 8.2 12.2

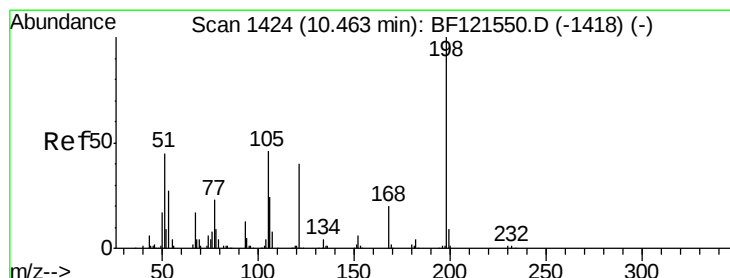
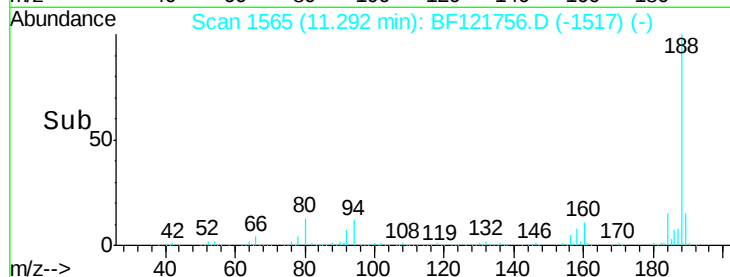
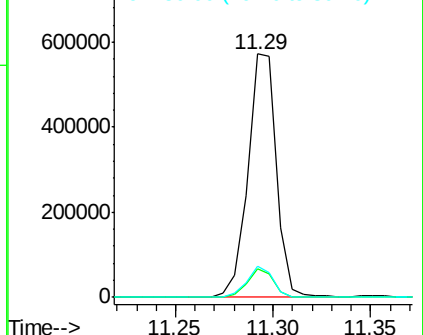
80 12.7 8.9 13.3



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



#65

4,6-Dinitro-2-methylphenol

Concen: 7.061 ng

RT: 10.60 min Scan# 1448

Delta R.T. 0.18 min

Lab File: BF121756.D

Acq: 1 Oct 2020 00:09

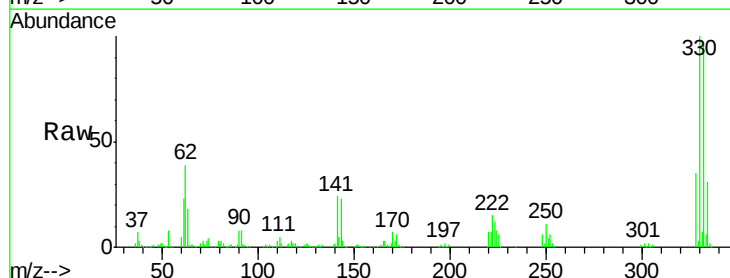
Tgt Ion:198 Resp: 866

Ion Ratio Lower Upper

198 100

51 191.3 34.7 74.7#

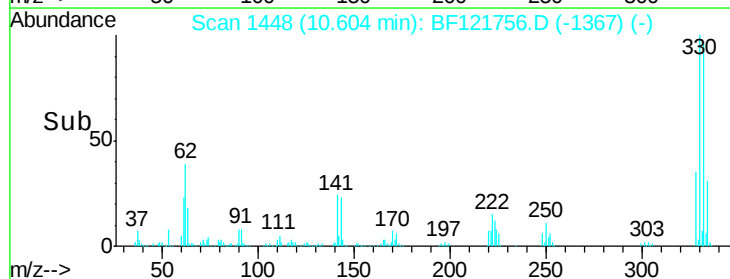
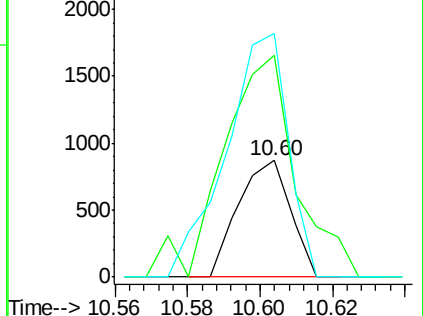
105 209.3 27.8 67.8#

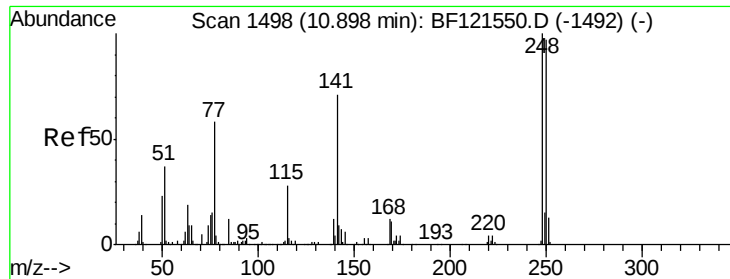


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E

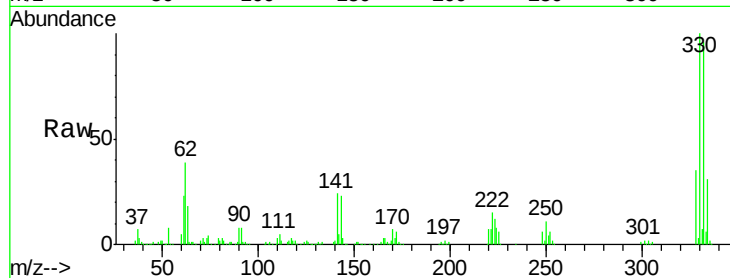




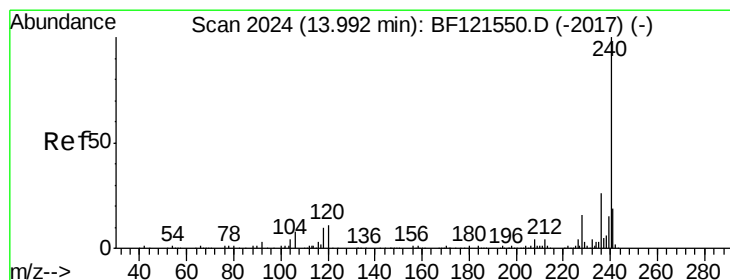
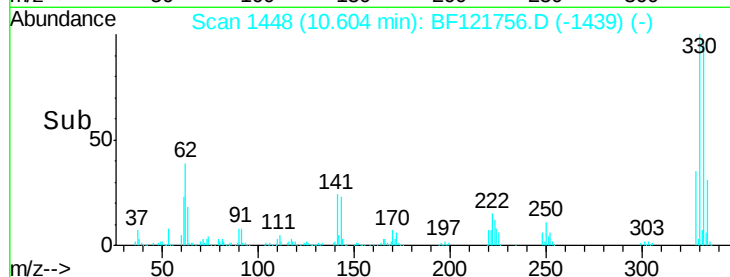
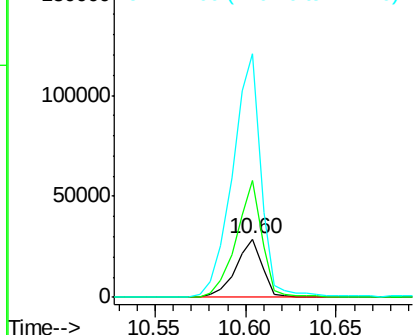
#67
 4-Bromophenyl-phenylether
 Concen: 4.444 ng
 RT: 10.60 min Scan# 1448
 Delta R.T. -0.25 min
 Lab File: BF121756.D
 Acq: 1 Oct 2020 00:09

Instrument :
 BNA_F
 ClientSampleId :
 PAV-B26-092420-10-19

Tot Ion:248 Resp: 29335
 Ion Ratio Lower Upper
 248 100
 250 201.6 78.6 118.0#
 141 418.0 60.0 90.0#

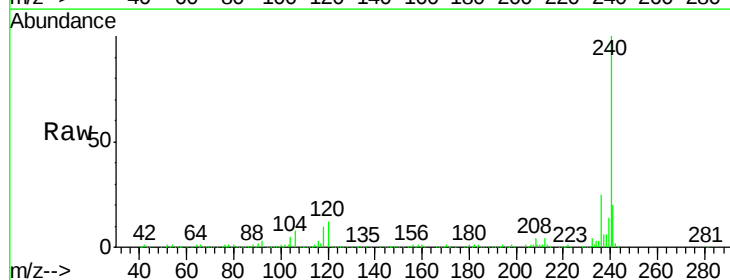


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

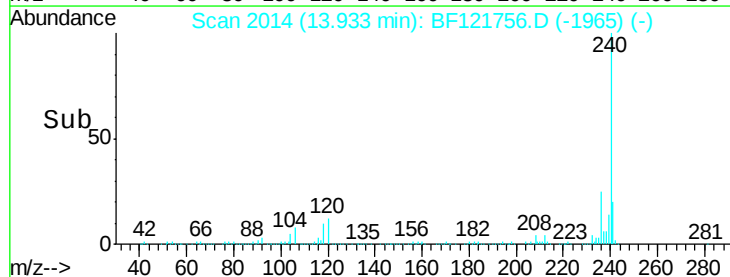
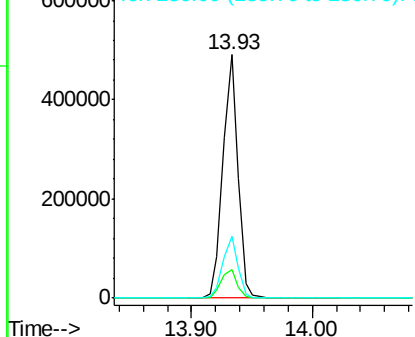


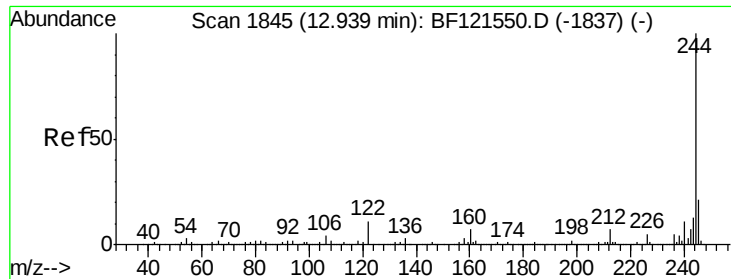
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.93 min Scan# 2014
 Delta R.T. -0.01 min
 Lab File: BF121756.D
 Acq: 1 Oct 2020 00:09

Tgt Ion:240 Resp: 422023
 Ion Ratio Lower Upper
 240 100
 120 11.7 10.2 15.4
 236 25.2 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: 93.177 ng

RT: 12.89 min Scan# 1836

Delta R.T. -0.01 min

Lab File: BF121756.D

Acq: 1 Oct 2020 00:09

Instrument :

BNA_F

ClientSampleId :

PAV-B26-092420-10-19

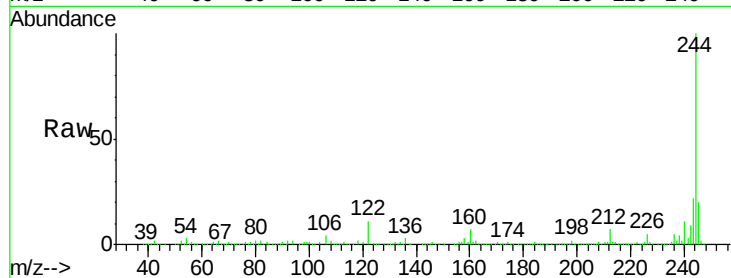
Tot Ion:244 Resp: 1941008

Ion Ratio Lower Upper

244 100

212 7.2 5.7 8.5

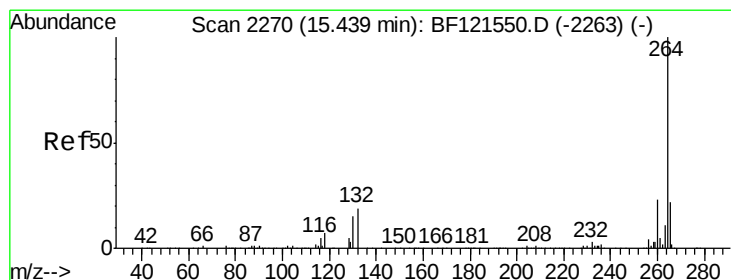
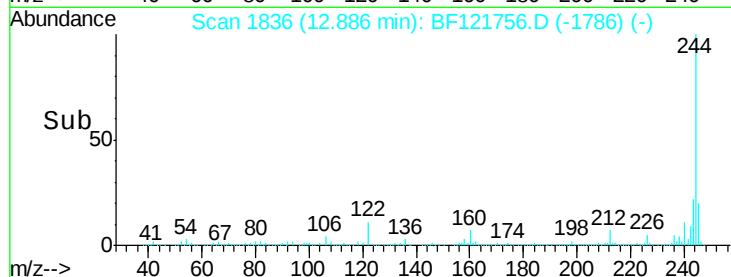
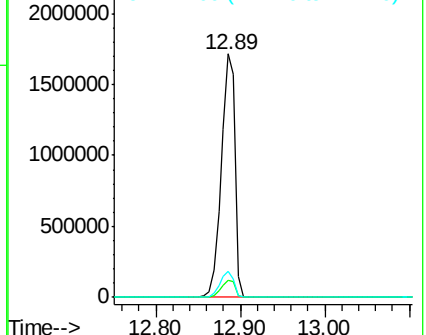
122 10.7 9.0 13.4



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: 15.37 min Scan# 2259

Delta R.T. -0.01 min

Lab File: BF121756.D

Acq: 1 Oct 2020 00:09

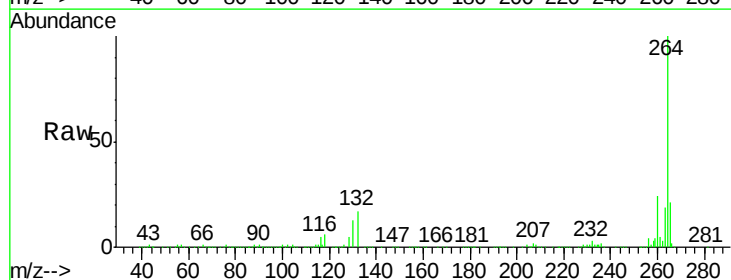
Tgt Ion:264 Resp: 360015

Ion Ratio Lower Upper

264 100

260 23.8 19.0 28.6

265 20.8 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

