

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092220\
 Data File : BF121654.D
 Acq On : 22 Sep 2020 22:26
 Operator : JU/CG
 Sample : L4104-04
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PAV-B29-092120-0-10

Quant Time: Sep 23 01:09:44 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

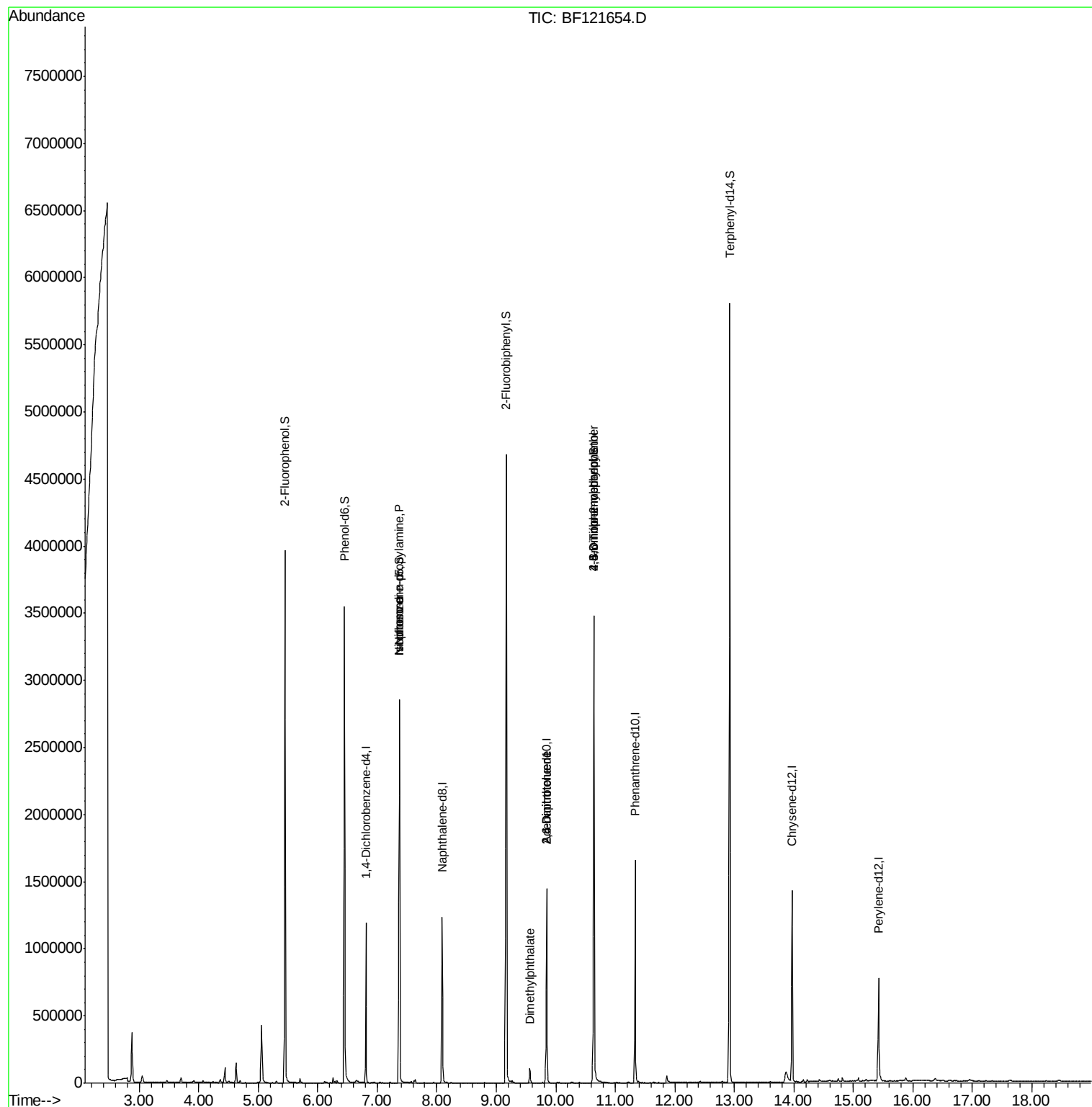
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	153578	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	597579	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	320334	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	613284	20.00	ng	0.00
76) Chrysene-d12	13.97	240	501529	20.00	ng	-0.01
86) Perylene-d12	15.42	264	356850	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	1158975	112.15	ng	0.02
7) Phenol-d6	6.45	99	1365063	100.69	ng	0.00
23) Nitrobenzene-d5	7.37	82	1129621	101.50	ng	0.00
42) 2,4,6-Tribromophenol	10.64	330	569798	143.12	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	1962345	92.78	ng	0.00
79) Terphenyl-d14	12.93	244	2147563	86.75	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.37	70	153471	19.641	ng	# 80
25) Isophorone	7.37	82	1119856	49.984	ng	# 67
50) Dimethylphthalate	9.56	163	49895	2.149	ng	# 99
51) 2,6-Dinitrotoluene	9.85	165	41282	8.349	ng	# 24
57) 2,4-Dinitrotoluene	9.85	165	41282	6.636	ng	# 24
65) 4,6-Dinitro-2-methylphenol	10.64	198	1088	7.100	ng	# 1
67) 4-Bromophenyl-phenylether	10.64	248	32132	4.602	ng	# 1

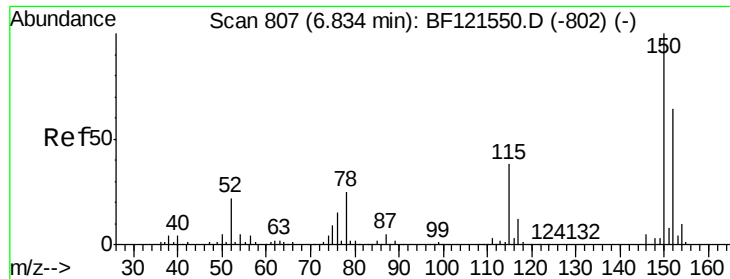
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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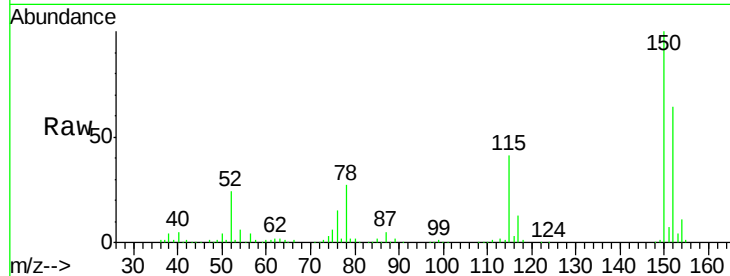


#1

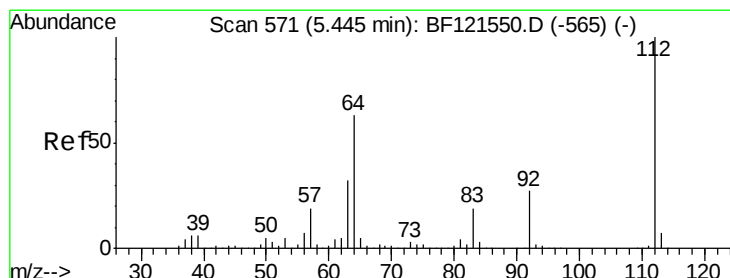
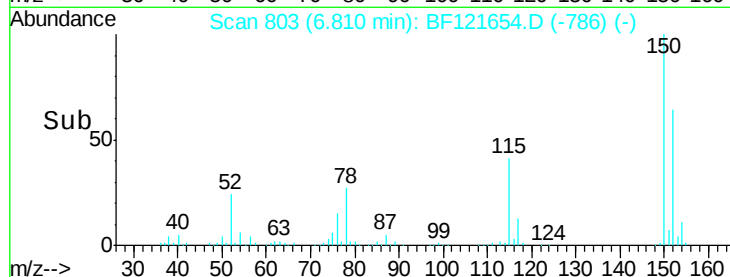
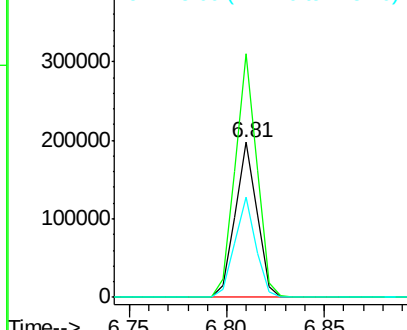
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. -0.00 min
Lab File: BF121654.D
Acq: 22 Sep 2020 22:26

Instrument :
BNA_F
ClientSampleId :
PAV-B29-092120-0-10

Tot Ion:152 Resp: 153578
Ion Ratio Lower Upper
152 100
150 156.9 128.1 192.1
115 64.9 52.6 79.0



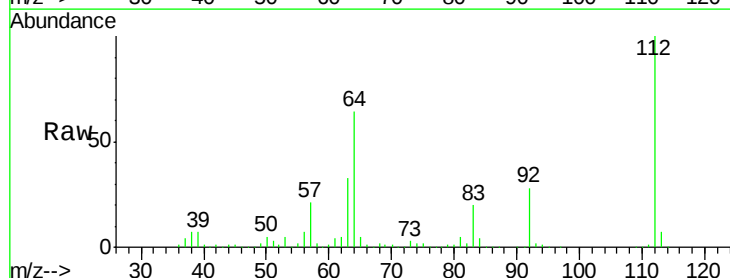
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



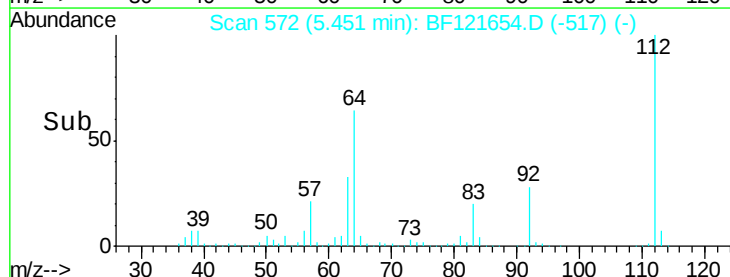
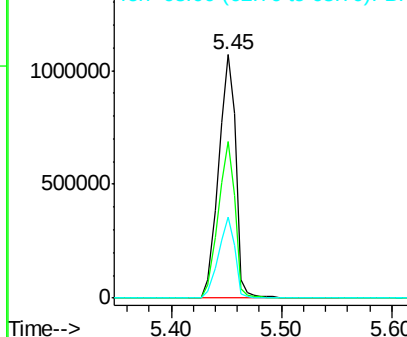
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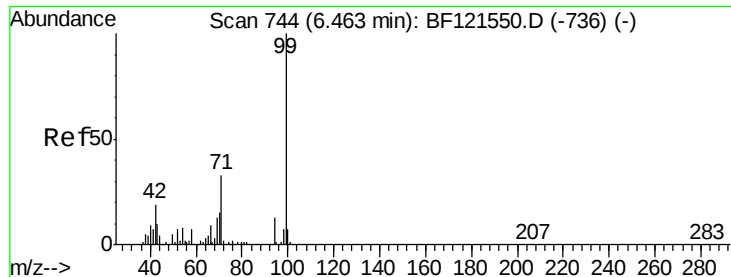
2-Fluorophenol
Concen: 112.150 ng
RT: 5.45 min Scan# 572
Delta R.T. 0.02 min
Lab File: BF121654.D
Acq: 22 Sep 2020 22:26

Tgt Ion:112 Resp: 1158975
Ion Ratio Lower Upper
112 100
64 64.4 52.2 78.2
63 33.4 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: 100.685 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.00 min

Lab File: BF121654.D

Acq: 22 Sep 2020 22:26

Instrument :

BNA_F

ClientSampleId :

PAV-B29-092120-0-10

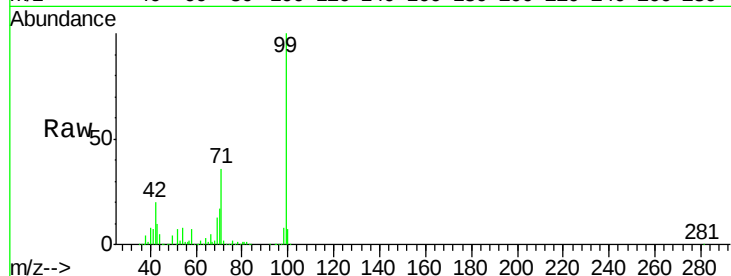
Tot Ion: 99 Resp: 1365063

Ion Ratio Lower Upper

99 100

42 20.3 15.5 23.3

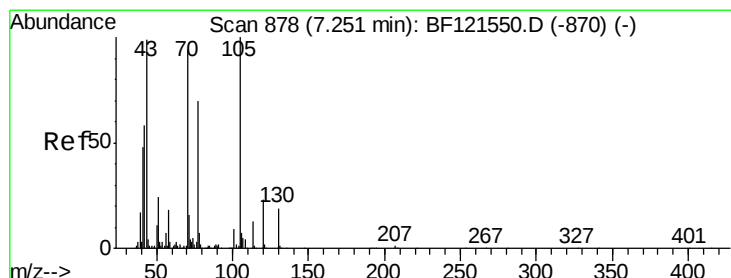
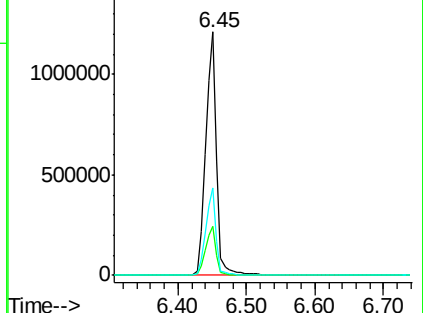
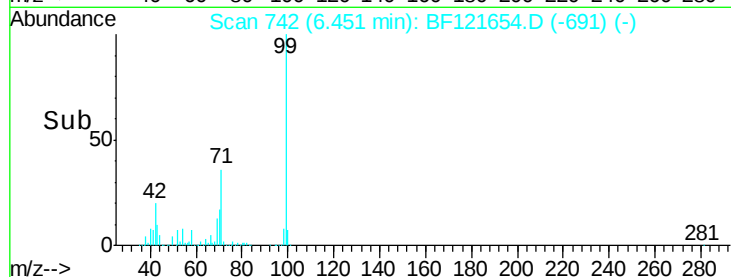
71 36.0 27.4 41.2



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: 19.641 ng

RT: 7.37 min Scan# 899

Delta R.T. 0.15 min

Lab File: BF121654.D

Acq: 22 Sep 2020 22:26

Tgt Ion: 70 Resp: 153471

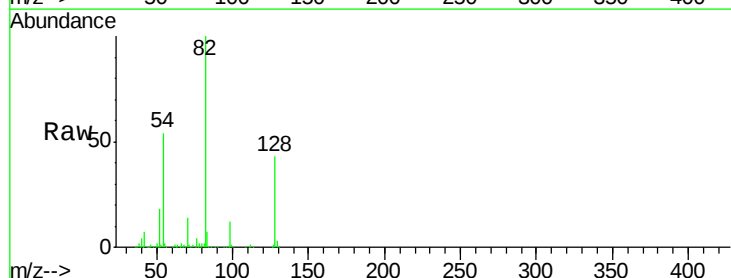
Ion Ratio Lower Upper

70 100

42 50.3 48.3 72.5

101 0.0 7.6 11.4#

130 2.1 15.9 23.9#

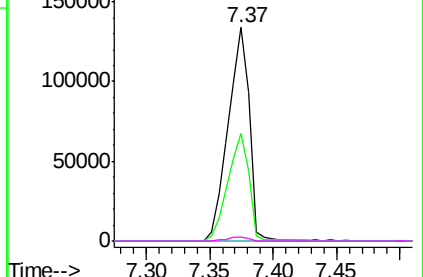
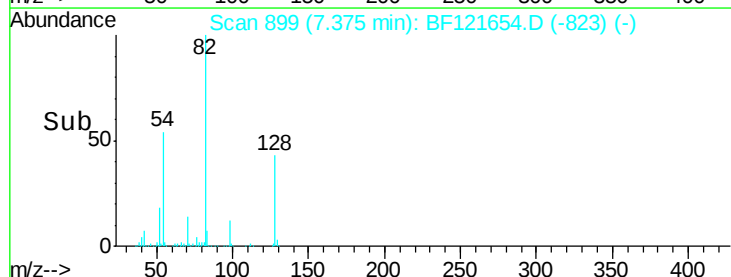


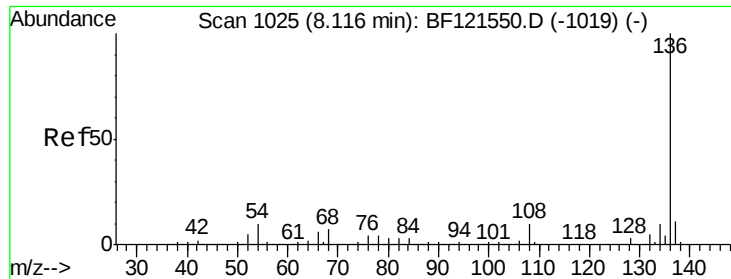
Abundance Ion 70.00 (69.70 to 70.70): BF1

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

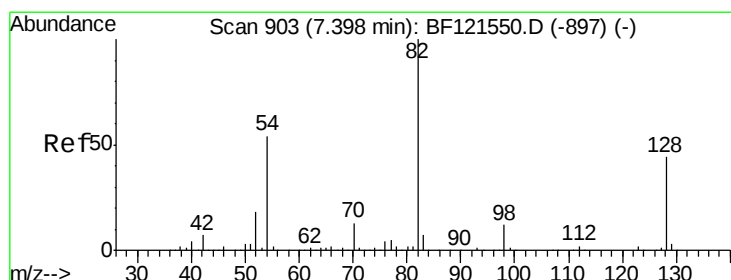
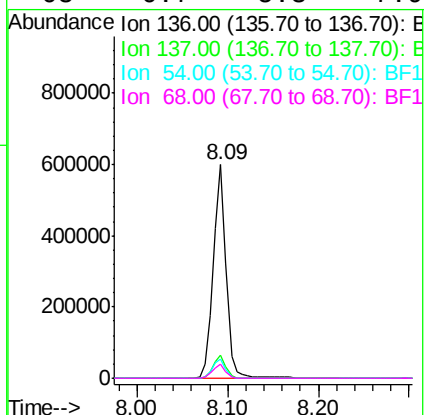
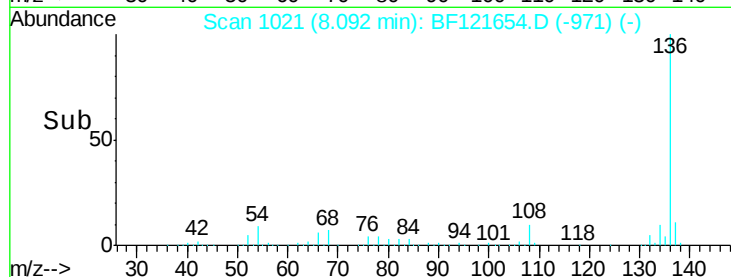
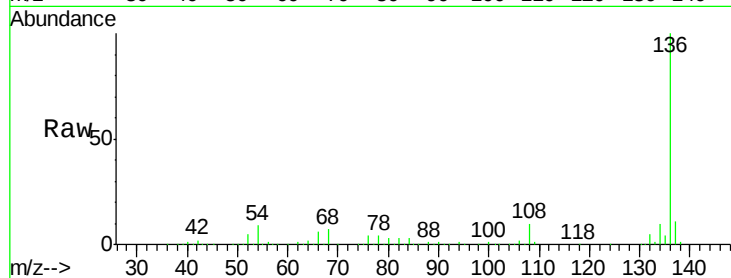




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BF121654.D
Acq: 22 Sep 2020 22:26

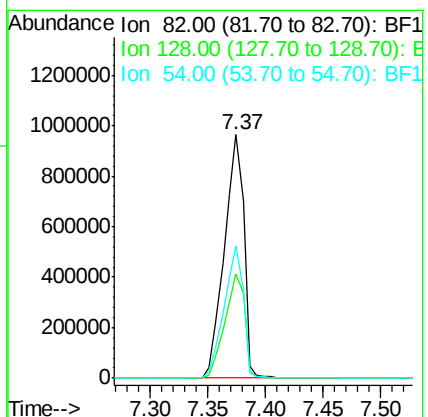
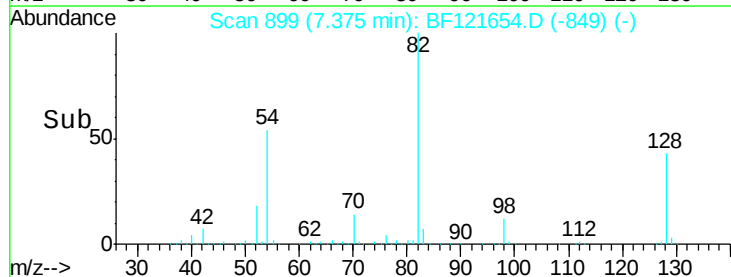
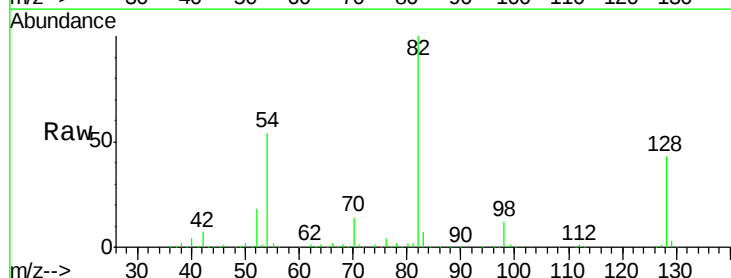
Instrument :
BNA_F
ClientSampleId :
PAV-B29-092120-0-10

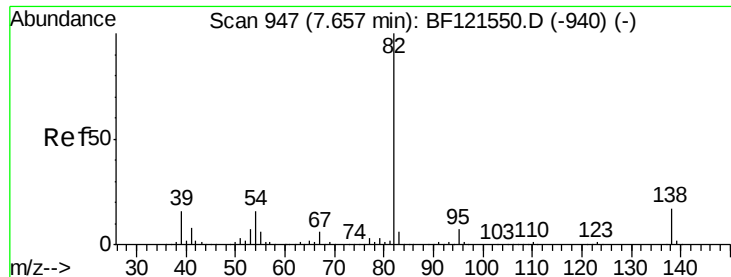
Tot Ion:	136	Resp:	597579
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	9.0	7.4	11.0
68	6.7	5.3	7.9



#23
Nitrobenzene-d5
Concen: 101.495 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.01 min
Lab File: BF121654.D
Acq: 22 Sep 2020 22:26

Tgt Ion:	82	Resp:	1129621
Ion	Ratio	Lower	Upper
82	100		
128	42.9	33.9	50.9
54	54.2	42.9	64.3





#25

Isophorone

Concen: 49.984 ng

RT: 7.37 min Scan# 899

Delta R.T. -0.26 min

Lab File: BF121654.D

Acq: 22 Sep 2020 22:26

Instrument :

BNA_F

ClientSampleId :

PAV-B29-092120-0-10

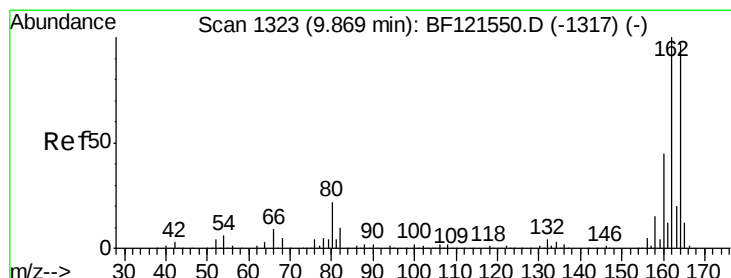
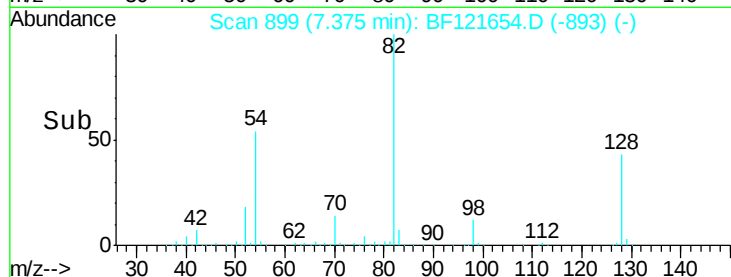
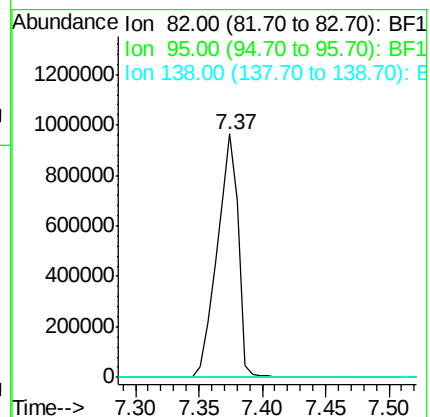
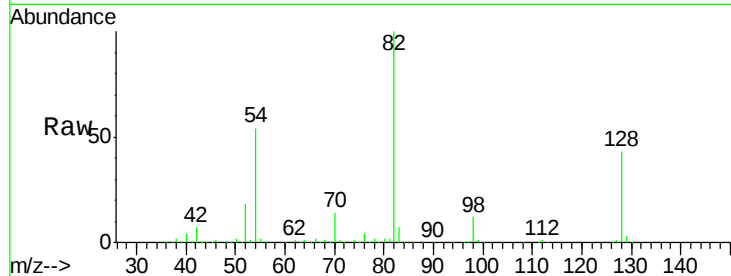
Tot Ion: 82 Resp: 1119856

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: BF121654.D

Acq: 22 Sep 2020 22:26

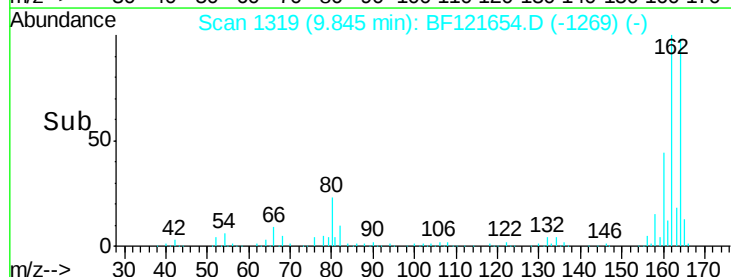
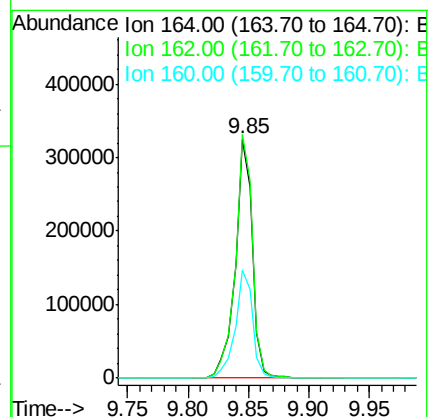
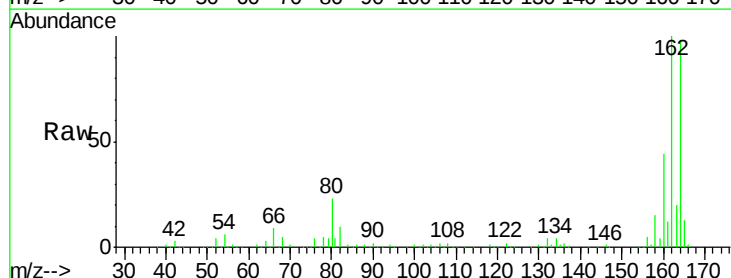
Tgt Ion: 164 Resp: 320334

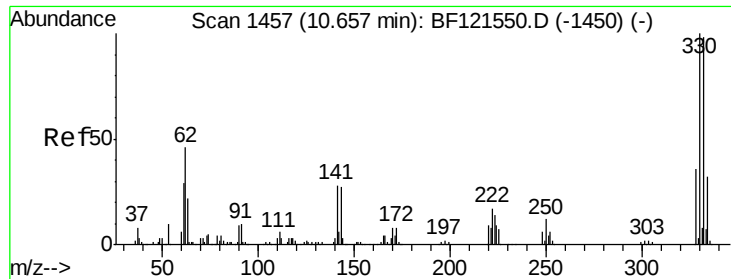
Ion Ratio Lower Upper

164 100

162 102.1 81.2 121.8

160 45.2 36.2 54.4

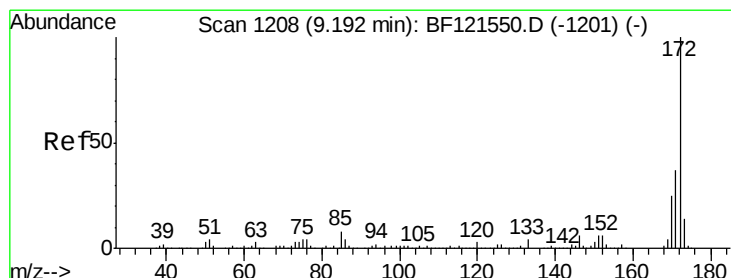
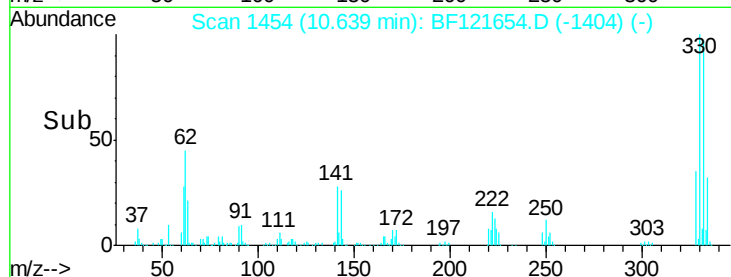
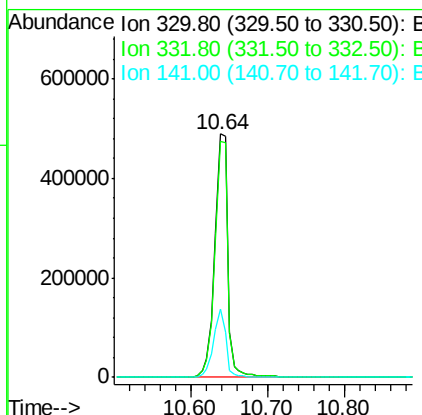
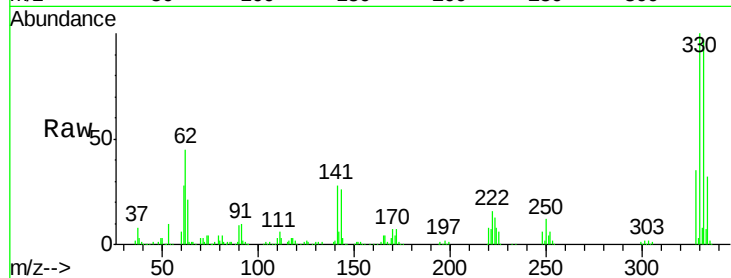




#42
 2,4,6-Tribromophenol
 Concen: 143.118 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. -0.01 min
 Lab File: BF121654.D
 Acq: 22 Sep 2020 22:26

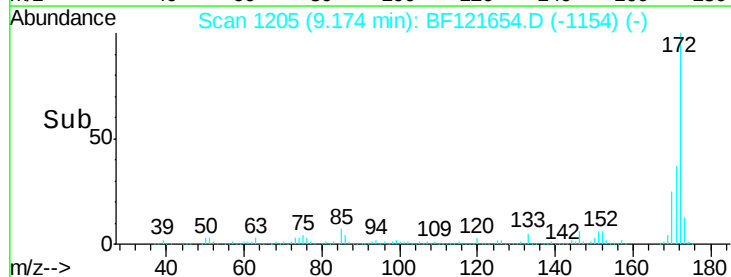
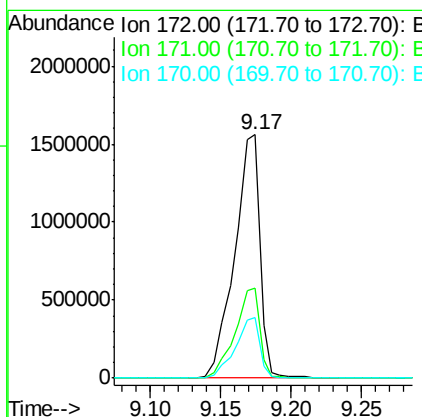
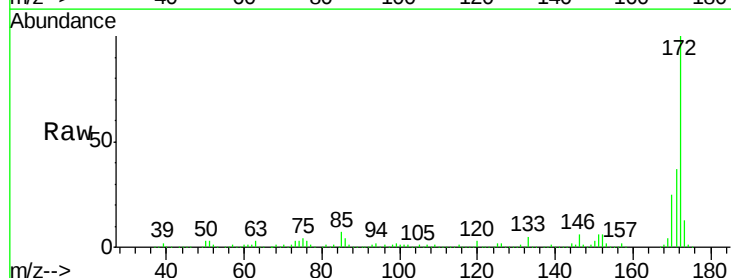
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 BNA_F
 ClientSampleId :
 PAV-B29-092120-0-10

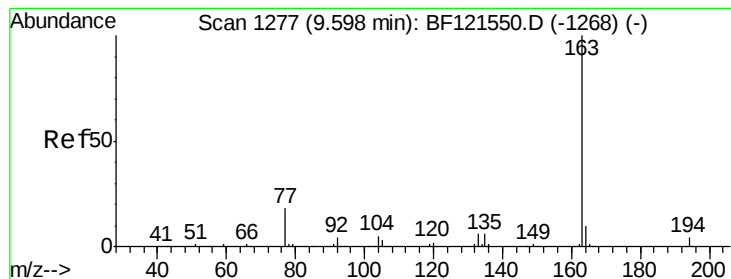
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.3	76.9	115.3
141	26.6	22.4	33.6



#45
 2-Fluorobiphenyl
 Concen: 92.779 ng
 RT: 9.17 min Scan# 1205
 Delta R.T. -0.00 min
 Lab File: BF121654.D
 Acq: 22 Sep 2020 22:26

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.3	43.9
170	24.8	19.5	29.3





#50

Dimethylphthalate

Concen: 2.149 ng

RT: 9.56 min Scan# 1271

Delta R.T. -0.02 min

Lab File: BF121654.D

Acq: 22 Sep 2020 22:26

Instrument :

BNA_F

ClientSampleId :

PAV-B29-092120-0-10

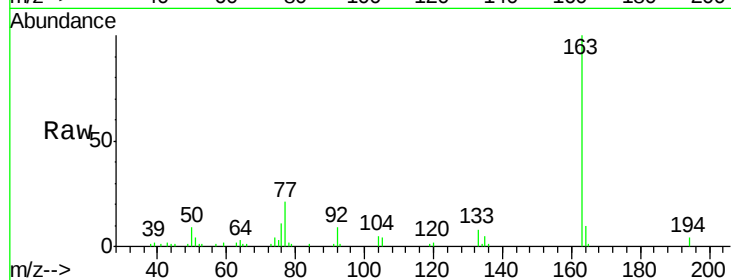
Tot Ion:163 Resp: 49895

Ion Ratio Lower Upper

163 100

194 4.3 3.3 4.9

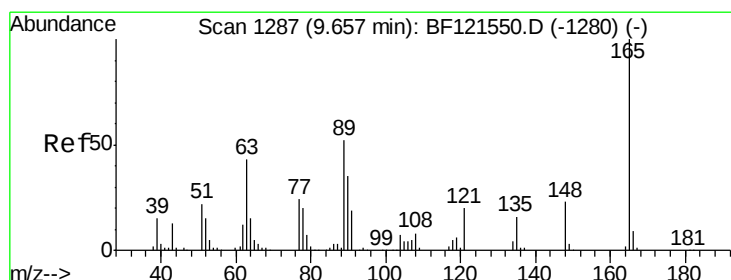
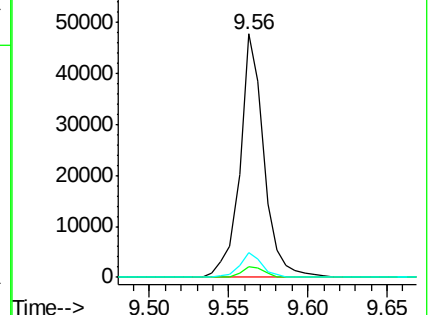
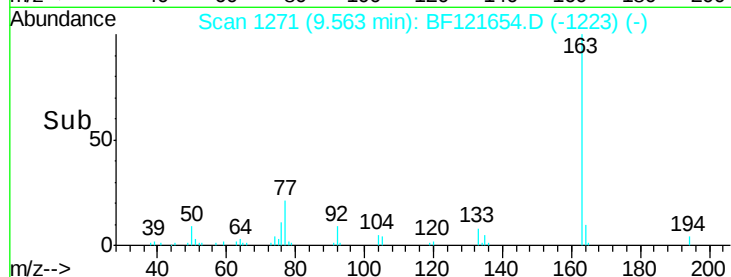
164 10.2 8.0 12.0



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: 8.349 ng

RT: 9.85 min Scan# 1319

Delta R.T. 0.21 min

Lab File: BF121654.D

Acq: 22 Sep 2020 22:26

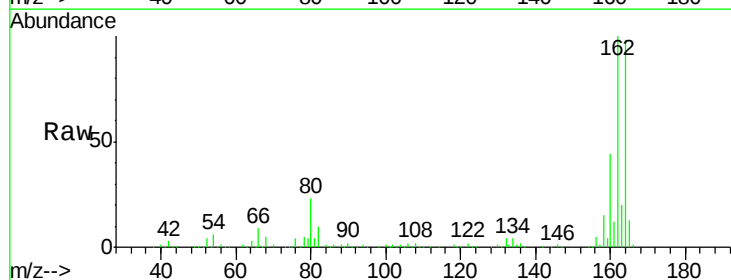
Tgt Ion:165 Resp: 41282

Ion Ratio Lower Upper

165 100

63 1.4 47.6 71.4#

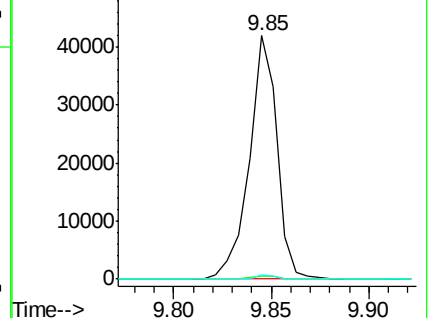
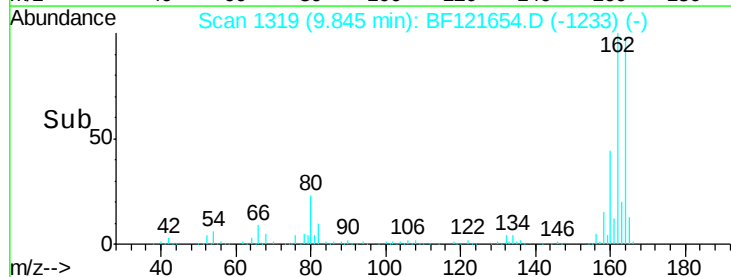
89 1.6 46.0 69.0#

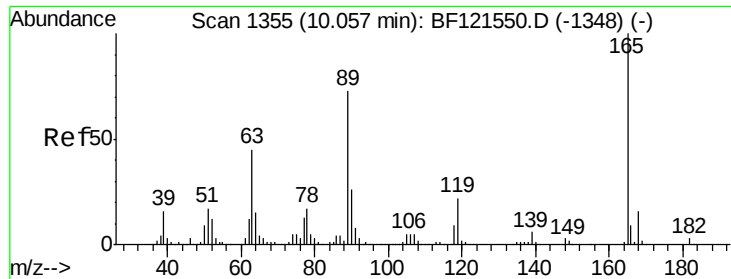


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

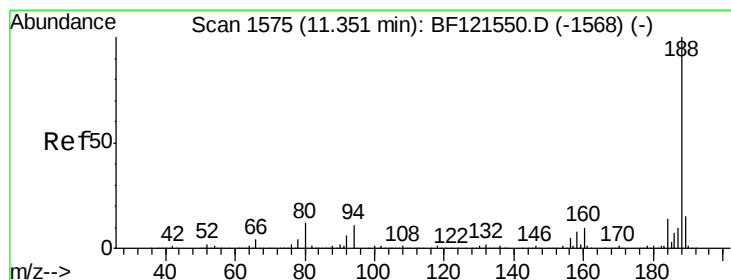
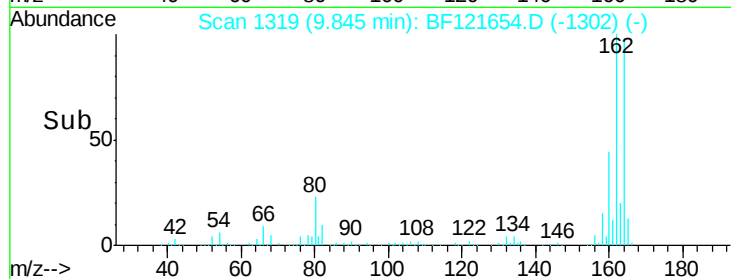
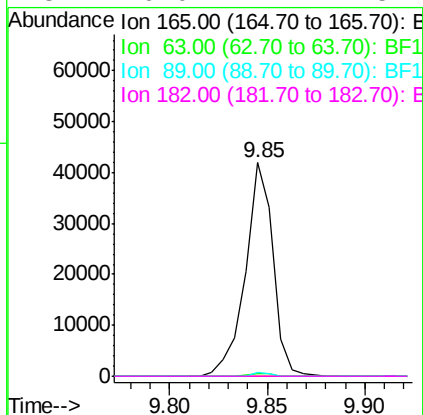
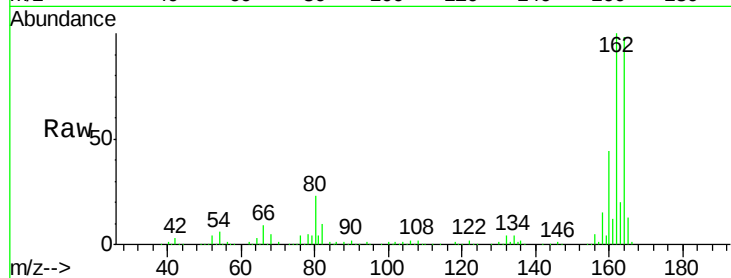




#57
 2,4-Dinitrotoluene
 Concen: 6.636 ng
 RT: 9.85 min Scan# 1319
 Delta R.T. -0.20 min
 Lab File: BF121654.D
 Acq: 22 Sep 2020 22:26

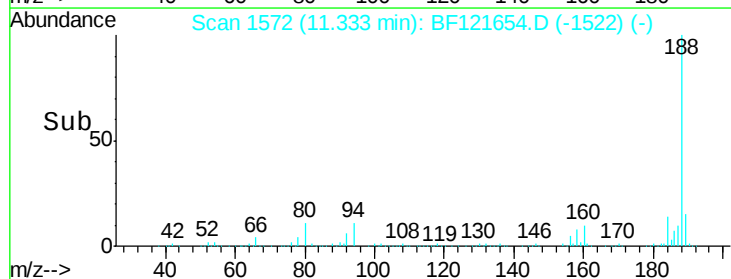
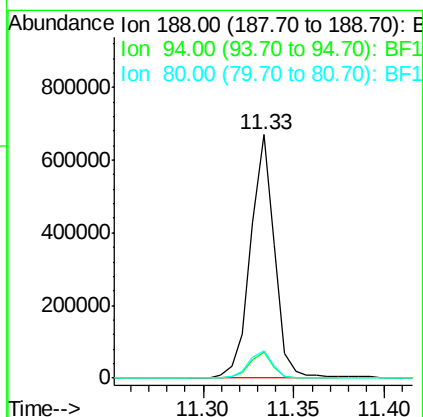
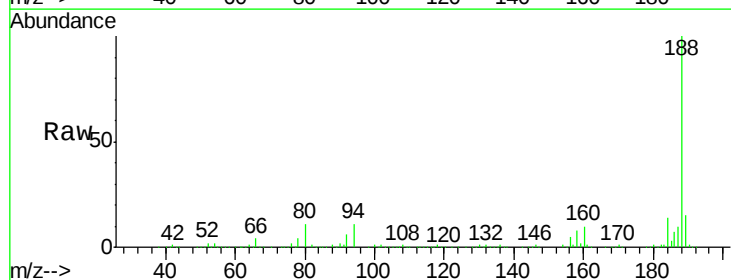
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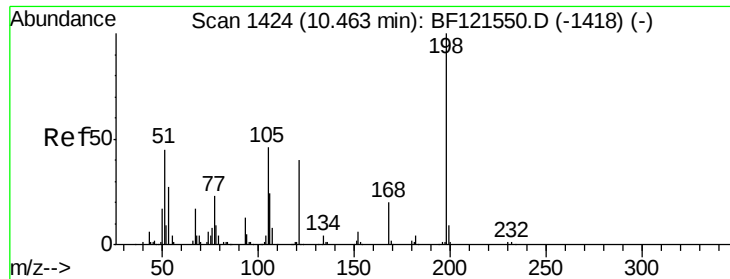
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.4	36.7	55.1#
89	1.6	57.7	86.5#
182	0.0	2.1	3.1#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.33 min Scan# 1572
 Delta R.T. -0.01 min
 Lab File: BF121654.D
 Acq: 22 Sep 2020 22:26

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.5	8.4	12.6
80	11.4	9.0	13.4

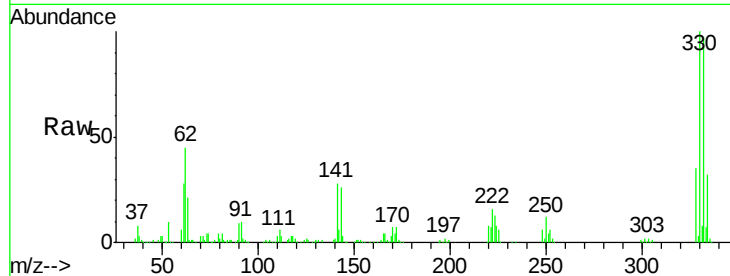




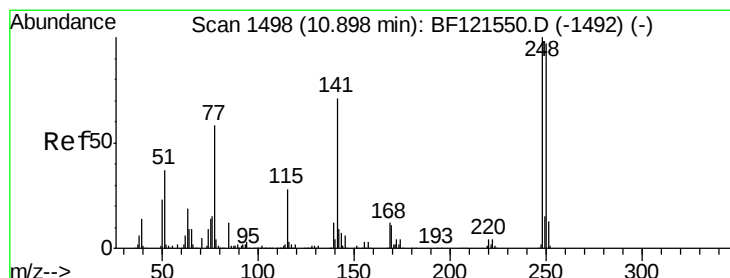
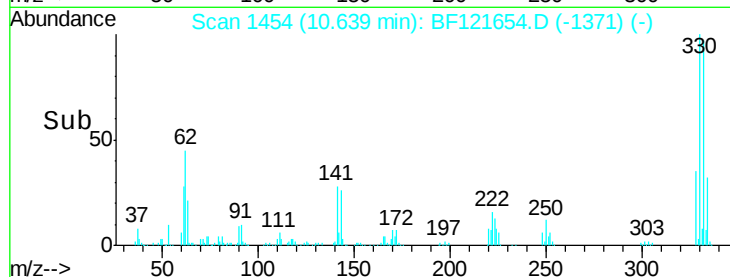
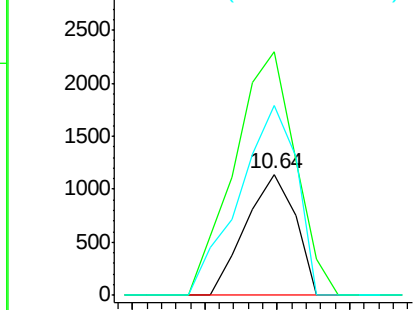
#65
 4,6-Dinitro-2-methylphenol
 Concen: 7.100 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. 0.19 min
 Lab File: BF121654.D
 Acq: 22 Sep 2020 22:26

Instrument :
 BNA_F
 ClientSampleId :
 PAV-B29-092120-0-10

Tot Ion:198 Resp: 1088
 Ion Ratio Lower Upper
 198 100
 51 201.8 20.3 60.3#
 105 157.2 20.2 60.2#

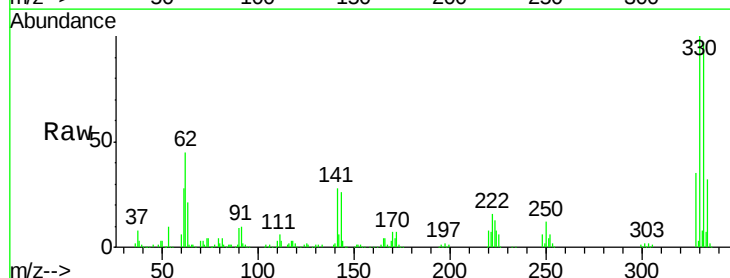


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

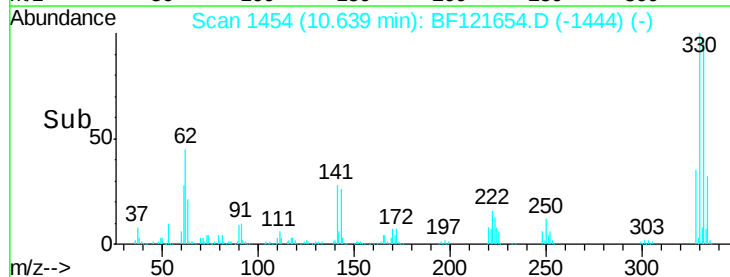
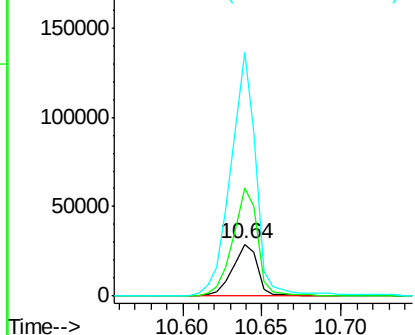


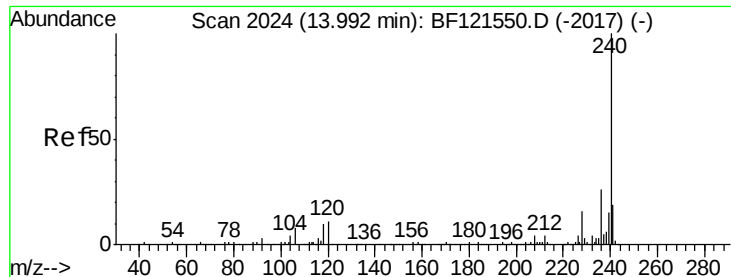
#67
 4-Bromophenyl-phenylether
 Concen: 4.602 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. -0.24 min
 Lab File: BF121654.D
 Acq: 22 Sep 2020 22:26

Tgt Ion:248 Resp: 32132
 Ion Ratio Lower Upper
 248 100
 250 206.4 79.4 119.0#
 141 468.0 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

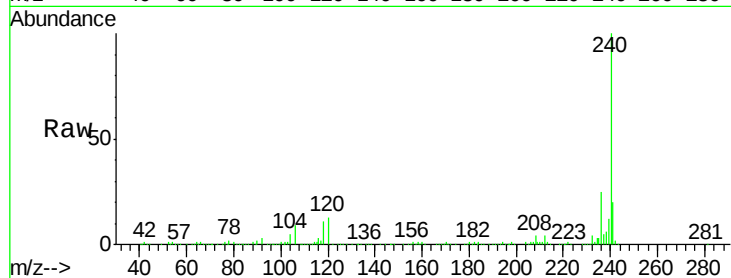




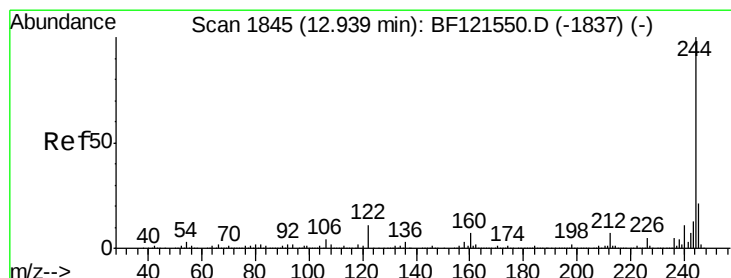
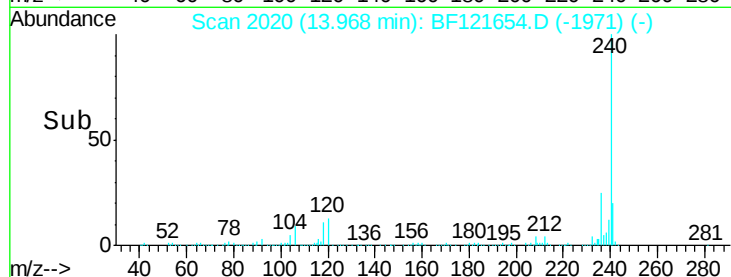
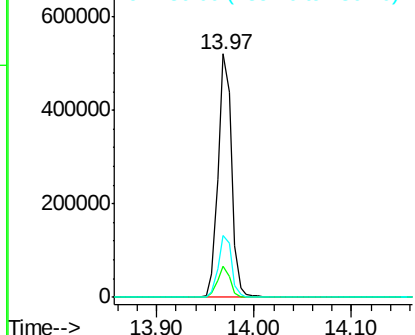
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.01 min
Lab File: BF121654.D
Acq: 22 Sep 2020 22:26

Instrument :
BNA_F
ClientSampleId :
PAV-B29-092120-0-10

Tot Ion:240 Resp: 501529
Ion Ratio Lower Upper
240 100
120 12.6 9.2 13.8
236 25.4 20.4 30.6

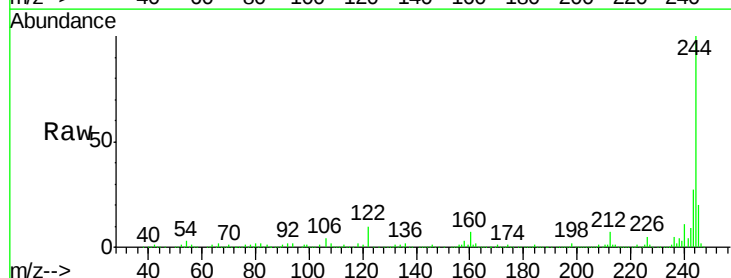


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

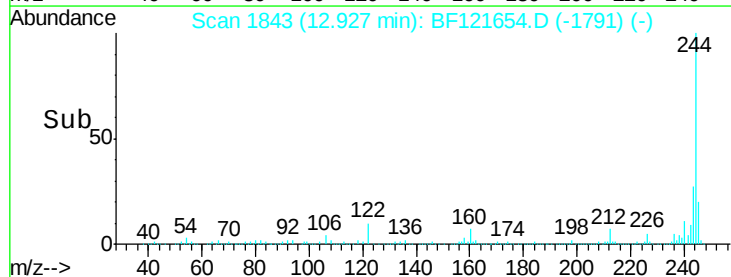
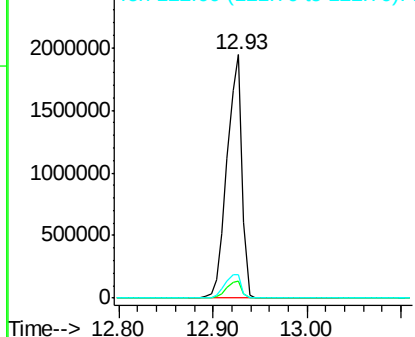


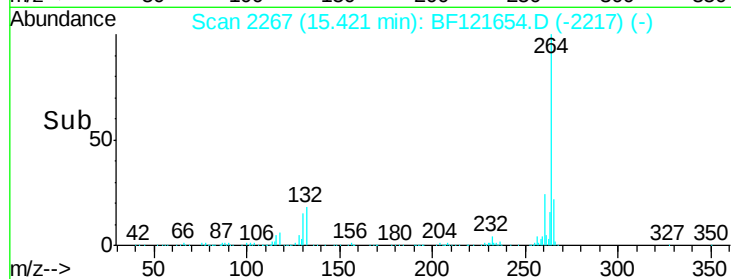
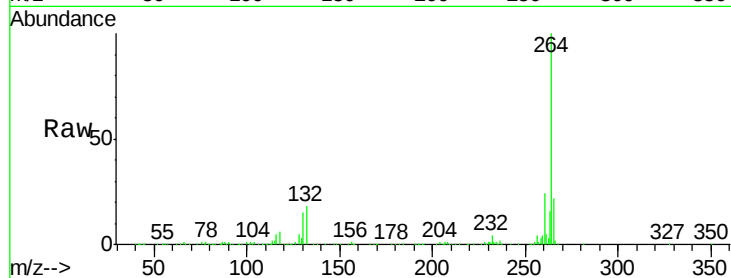
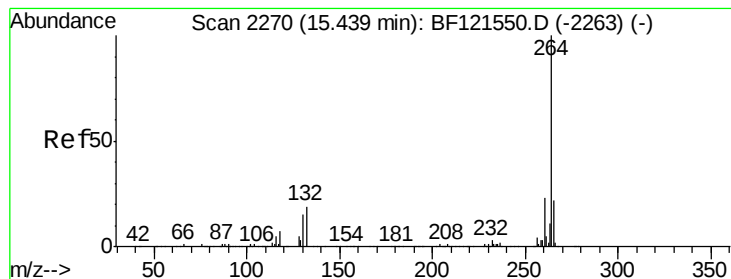
#79
Terphenyl-d14
Concen: 86.750 ng
RT: 12.93 min Scan# 1843
Delta R.T. 0.01 min
Lab File: BF121654.D
Acq: 22 Sep 2020 22:26

Tgt Ion:244 Resp: 2147563
Ion Ratio Lower Upper
244 100
212 7.2 5.5 8.3
122 9.9 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

Pervlene-d12

Concen: 20.000 ng

RT: 15.42 min Scan# 2267

Delta R.T. -0.01 min

Lab File: BF121654.D

Acq: 22 Sep 2020 22:26

Instrument :

BNA_F

ClientSampleId :

PAV-B29-092120-0-10

Tot Ion: 264 Resp: 356850

Ion Ratio Lower Upper

264 100

260 23.8 18.8 28.2

265 21.9 17.3 25.9

