

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF093020\
 Data File : BF121753.D
 Acq On : 30 Sep 2020 22:38
 Operator : JU/CG
 Sample : L4190-13
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PAV-B18-092920-10-20

Quant Time: Oct 01 00:38:36 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

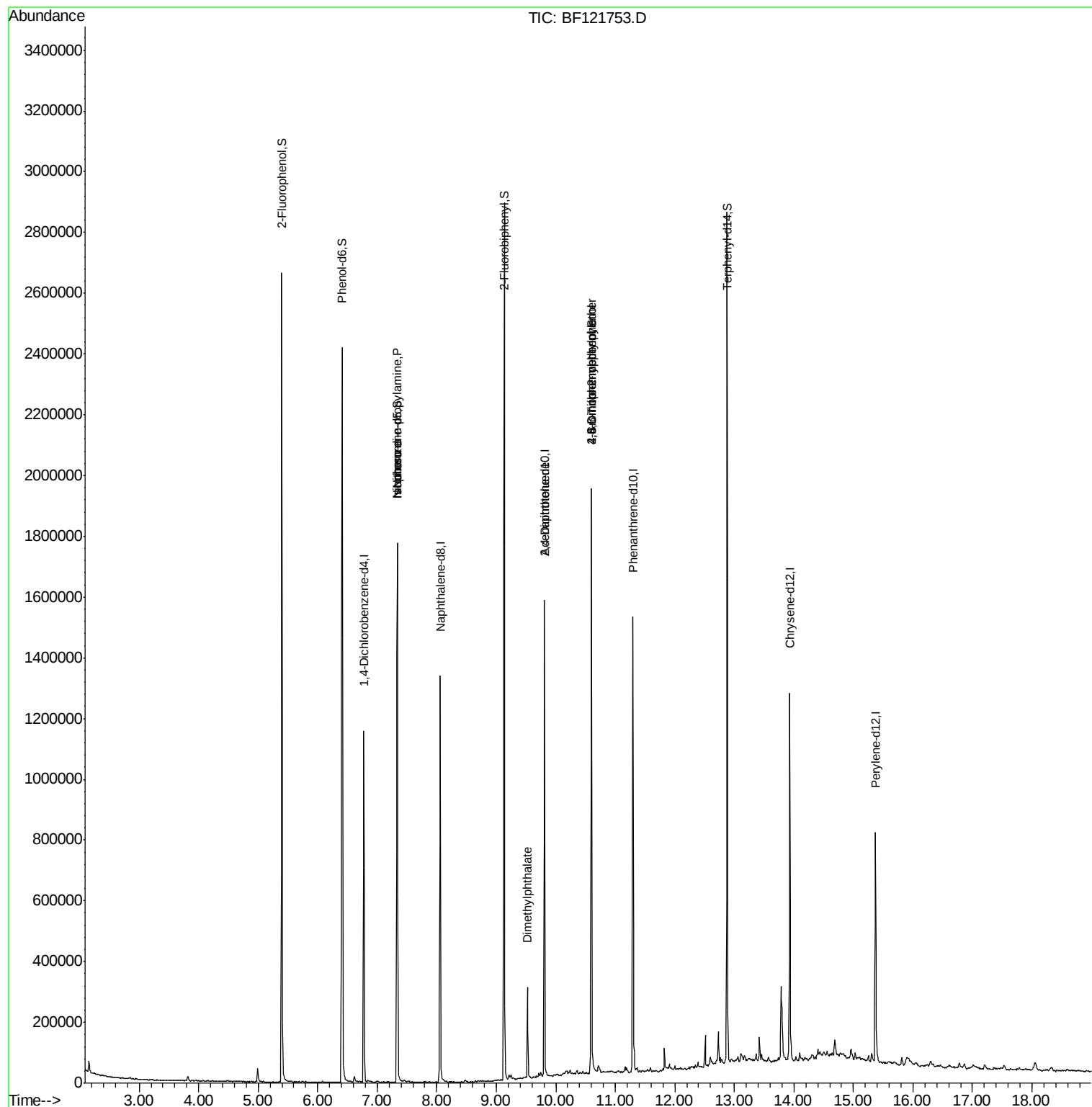
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	159300	20.00	ng	-0.01
21) Naphthalene-d8	8.06	136	624509	20.00	ng	-0.01
39) Acenaphthene-d10	9.81	164	322915	20.00	ng	-0.02
64) Phenanthrene-d10	11.30	188	572117	20.00	ng	-0.01
76) Chrysene-d12	13.93	240	379338	20.00	ng	-0.01
86) Perylene-d12	15.37	264	329450	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	692127	64.57	ng	0.00
7) Phenol-d6	6.41	99	885890	62.99	ng	-0.02
23) Nitrobenzene-d5	7.34	82	600973	51.67	ng	-0.02
42) 2,4,6-Tribromophenol	10.60	330	254607	63.44	ng	-0.01
45) 2-Fluorobiphenyl	9.13	172	964552	45.24	ng	-0.02
79) Terphenyl-d14	12.88	244	823683	43.99	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.34	70	78107	9.637	ng	# 79
25) Isophorone	7.34	82	593771	25.360	ng	# 66
50) Dimethylphthalate	9.53	163	111373	4.759	ng	# 98
57) 2,4-Dinitrotoluene	9.81	165	41593	6.633	ng	# 23
65) 4,6-Dinitro-2-methylphenol	10.60	198	364	6.941	ng	# 1
67) 4-Bromophenyl-phenylether	10.60	248	15299	2.349	ng	# 1

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

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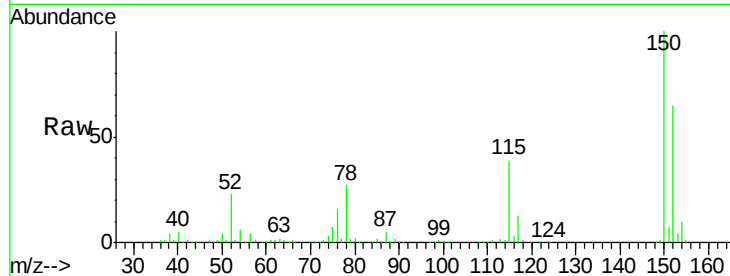


#1

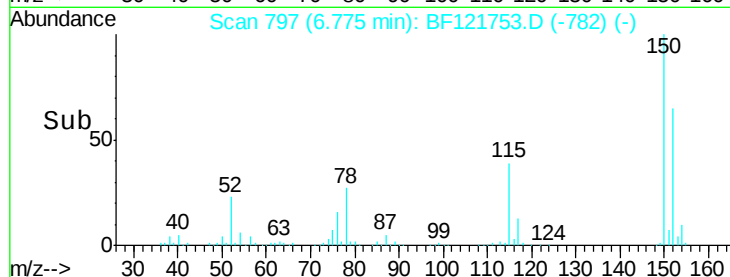
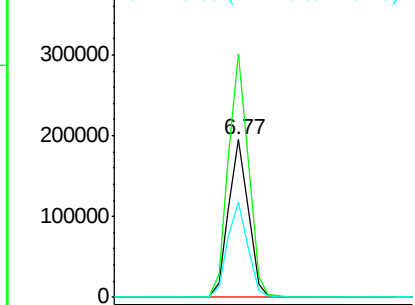
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.77 min Scan# 797
Delta R.T. -0.01 min
Lab File: BF121753.D
Acq: 30 Sep 2020 22:38

Instrument :
BNA_F
ClientSampleId :
PAV-B18-092920-10-20

Tot Ion:152 Resp: 159300
Ion Ratio Lower Upper
152 100
150 154.6 125.8 188.8
115 60.8 49.6 74.4



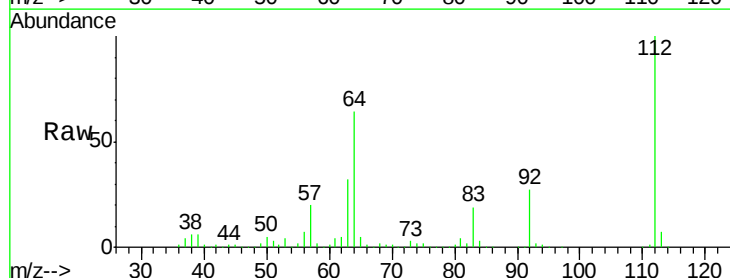
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



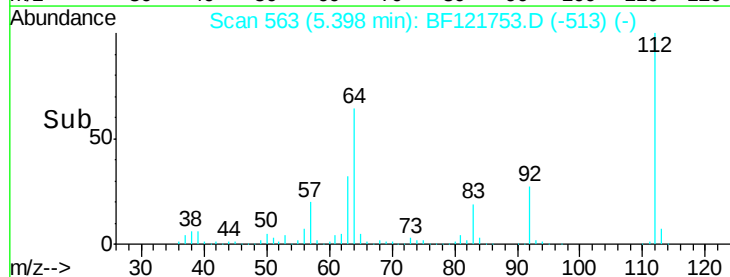
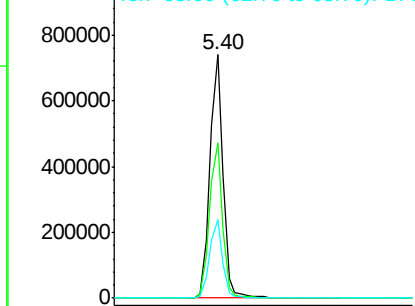
#5

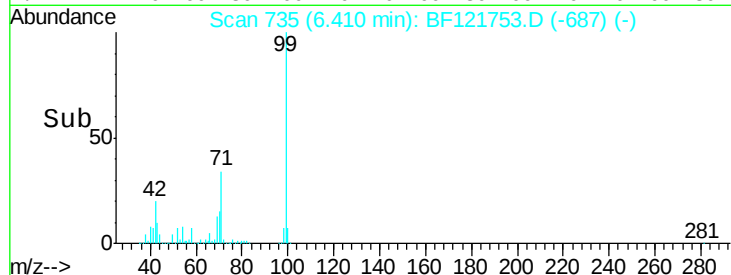
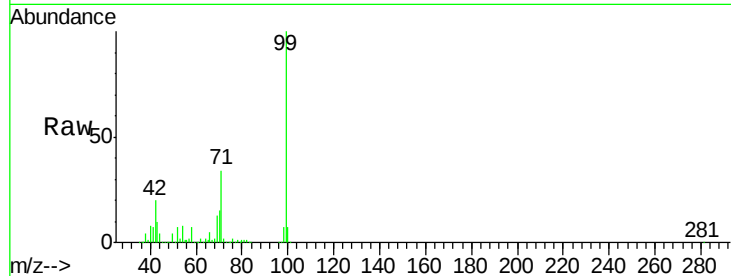
2-Fluorophenol
Concen: 64.569 ng
RT: 5.40 min Scan# 563
Delta R.T. -0.01 min
Lab File: BF121753.D
Acq: 30 Sep 2020 22:38

Tgt Ion:112 Resp: 692127
Ion Ratio Lower Upper
112 100
64 63.6 51.2 76.8
63 32.2 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: 62.995 ng

RT: 6.41 min Scan# 735

Delta R.T. -0.02 min

Lab File: BF121753.D

Acq: 30 Sep 2020 22:38

Instrument :

BNA_F

ClientSampleId :

PAV-B18-092920-10-20

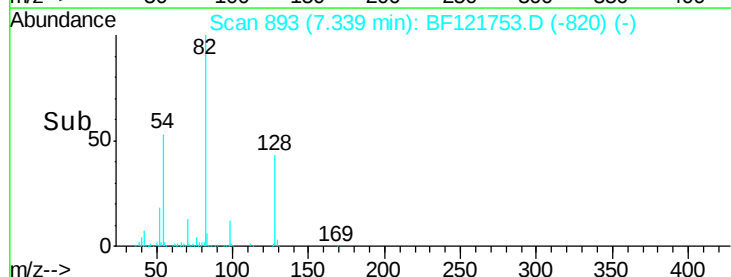
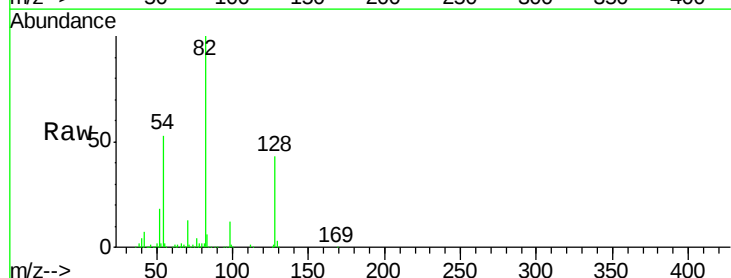
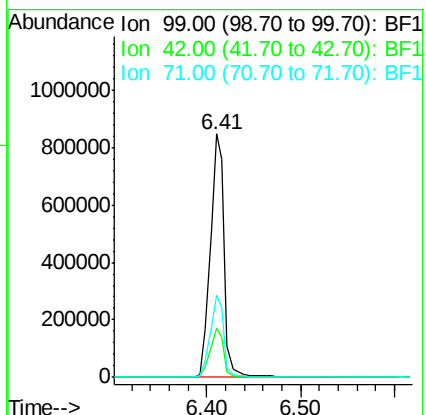
Tot Ion: 99 Resp: 885890

Ion Ratio Lower Upper

99 100

42 20.1 16.5 24.7

71 34.0 27.8 41.6



#19

n-Nitroso-di-n-propylamine

Concen: 9.637 ng

RT: 7.34 min Scan# 893

Delta R.T. 0.13 min

Lab File: BF121753.D

Acq: 30 Sep 2020 22:38

Tgt Ion: 70 Resp: 78107

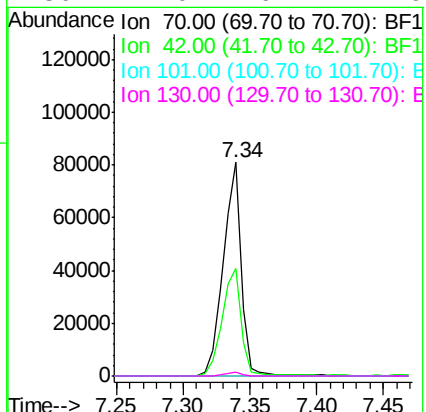
Ion Ratio Lower Upper

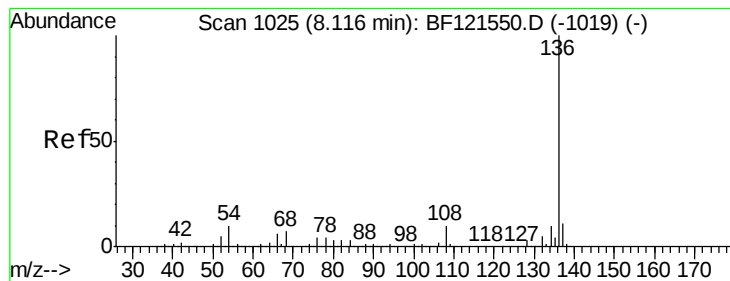
70 100

42 50.6 48.6 73.0

101 0.0 7.5 11.3#

130 2.0 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: BF121753.D

Acq: 30 Sep 2020 22:38

Instrument :

BNA_F

ClientSampleId :

PAV-B18-092920-10-20

Tot Ion:136 Resp: 624509

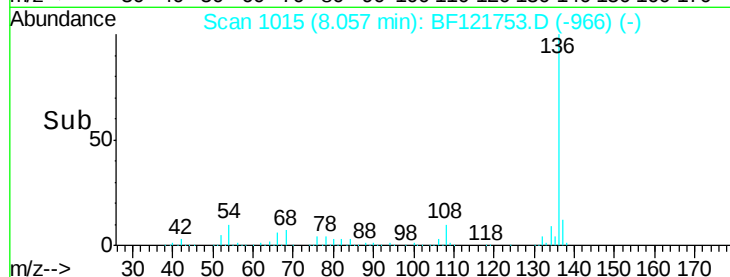
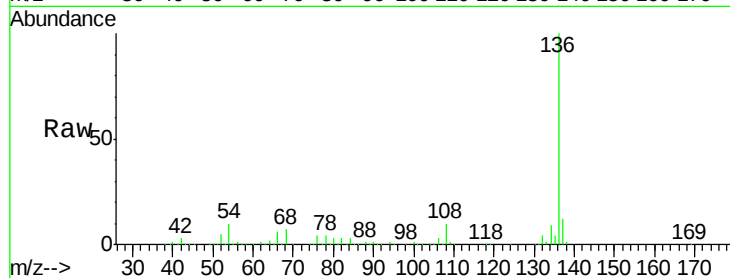
Ion Ratio Lower Upper

136 100

137 11.5 9.1 13.7

54 9.5 7.8 11.8

68 7.1 5.6 8.4

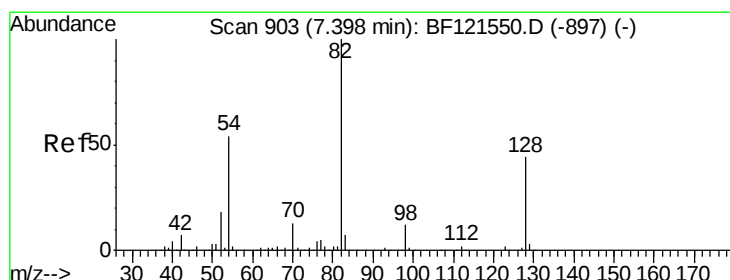
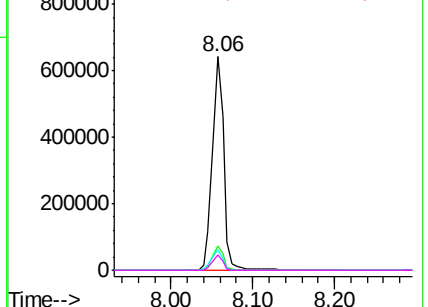


Abundance Ion 136.00 (135.70 to 136.70): E

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: 51.668 ng

RT: 7.34 min Scan# 893

Delta R.T. -0.02 min

Lab File: BF121753.D

Acq: 30 Sep 2020 22:38

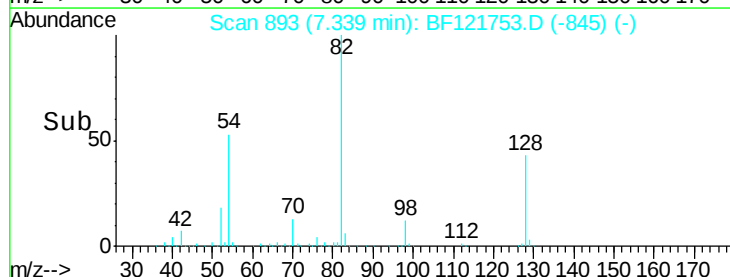
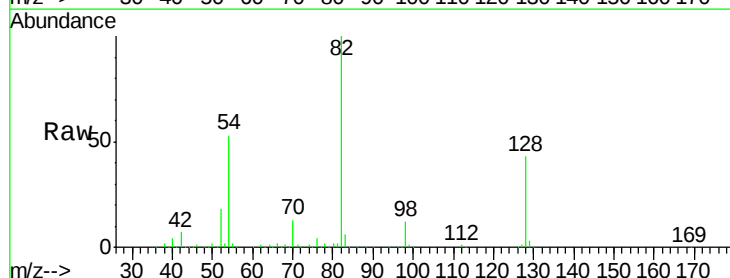
Tgt Ion: 82 Resp: 600973

Ion Ratio Lower Upper

82 100

128 43.1 35.0 52.4

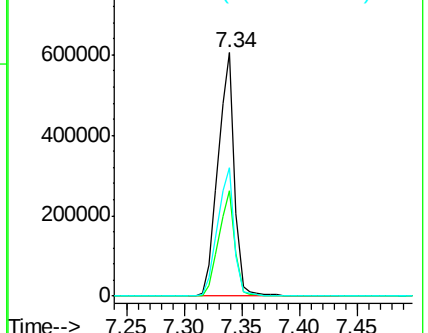
54 52.9 42.5 63.7

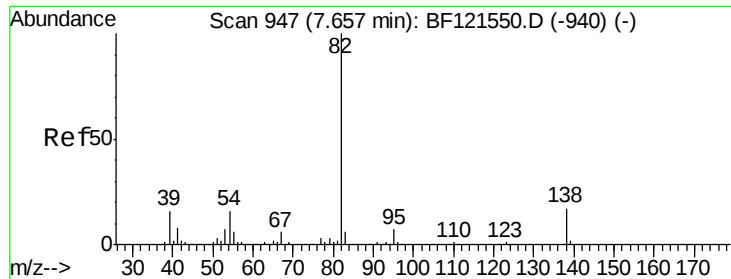


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

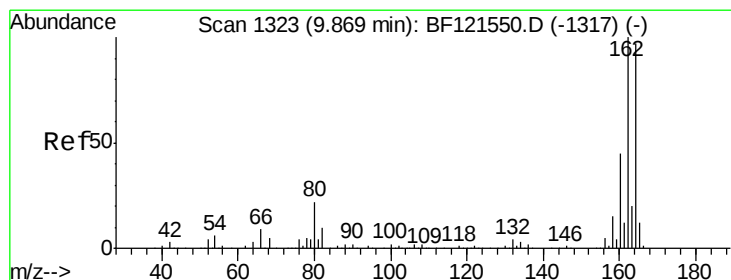
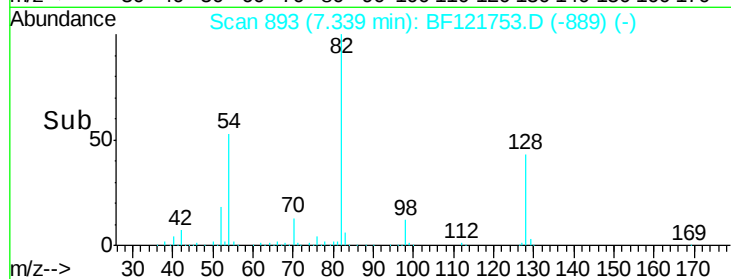
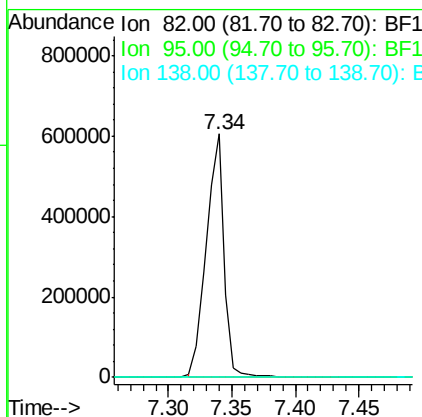
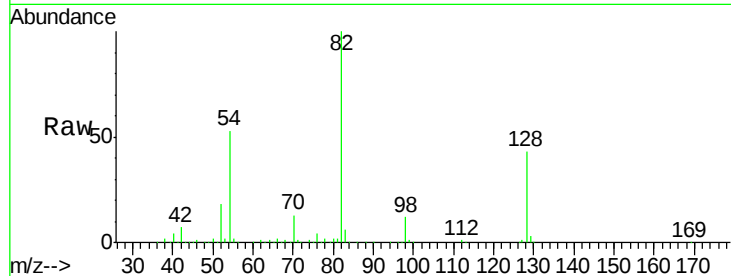




#25
Isophorone
Concen: 25.360 ng
RT: 7.34 min Scan# 893
Delta R.T. -0.28 min
Lab File: BF121753.D
Acq: 30 Sep 2020 22:38

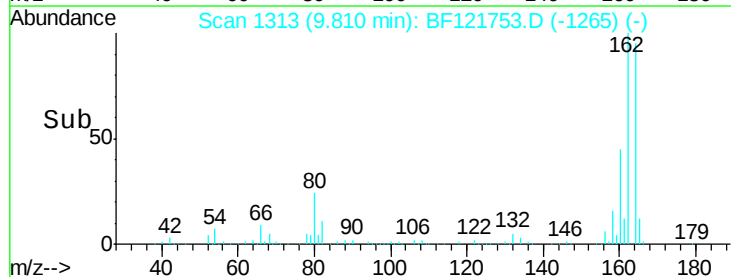
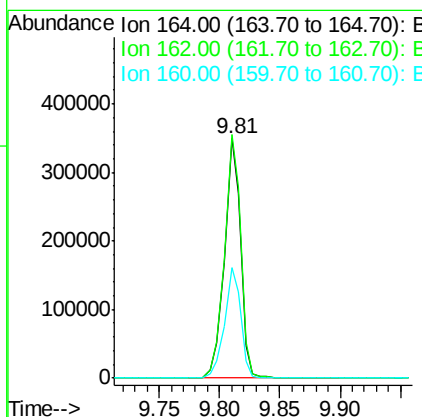
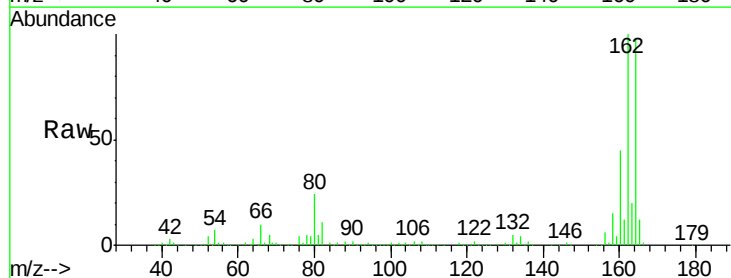
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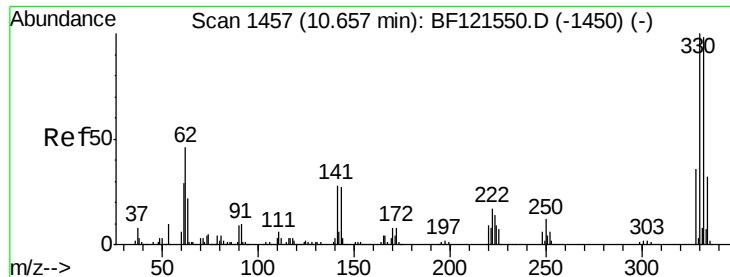
Tot Ion: 82 Resp: 593771
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 13.9 20.9#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.81 min Scan# 1313
Delta R.T. -0.02 min
Lab File: BF121753.D
Acq: 30 Sep 2020 22:38

Tgt Ion: 164 Resp: 322915
Ion Ratio Lower Upper
164 100
162 101.8 80.6 121.0
160 46.0 36.9 55.3

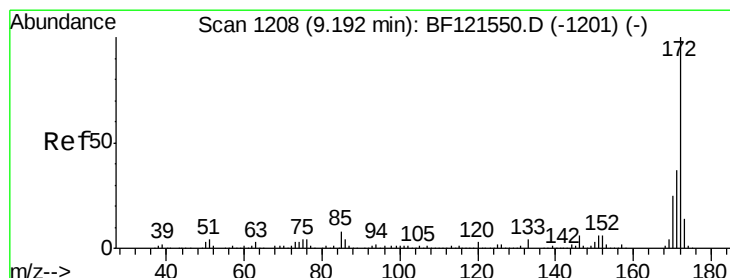
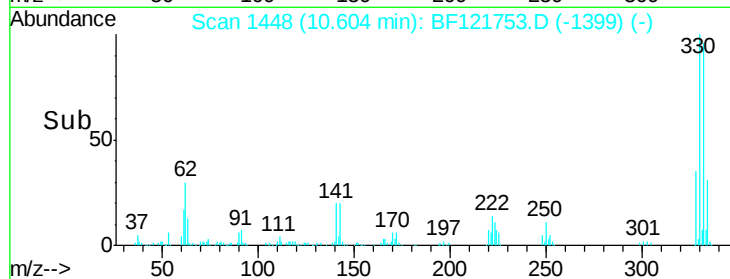
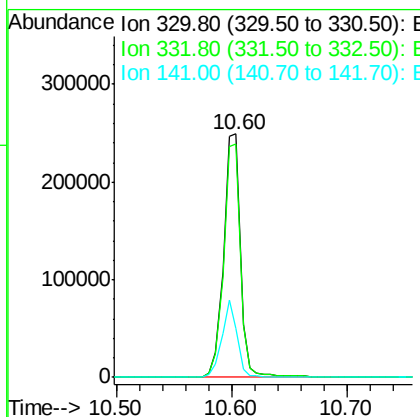
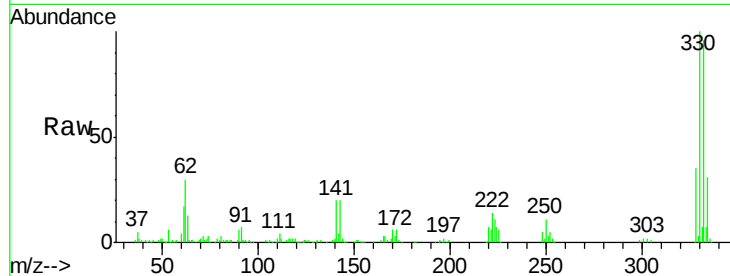




#42
 2,4,6-Tribromophenol
 Concen: 63.439 ng
 RT: 10.60 min Scan# 1448
 Delta R.T. -0.01 min
 Lab File: BF121753.D
 Acq: 30 Sep 2020 22:38

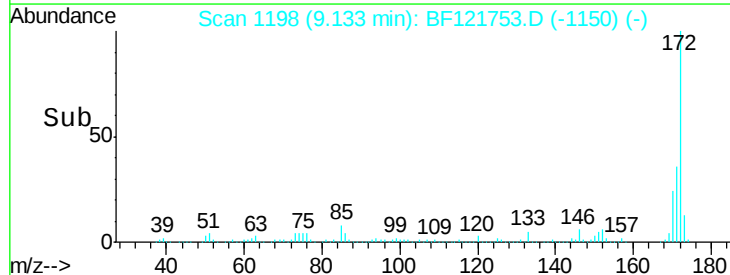
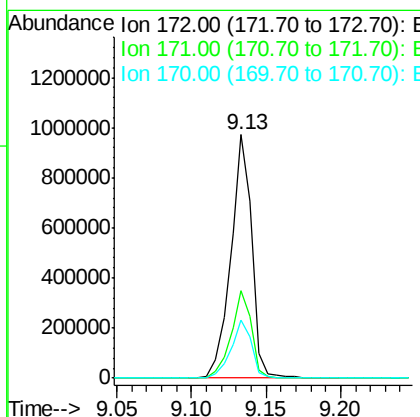
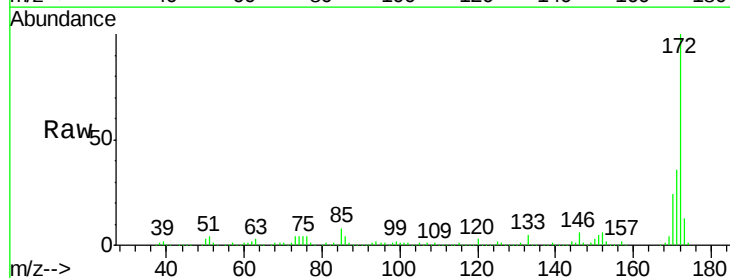
Instrument :
 BNA_F
 ClientSampleId :
 PAV-B18-092920-10-20

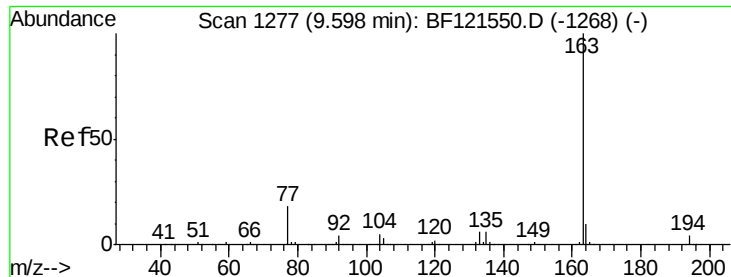
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.1	77.6	116.4
141	29.0	22.9	34.3



#45
 2-Fluorobiphenyl
 Concen: 45.239 ng
 RT: 9.13 min Scan# 1198
 Delta R.T. -0.02 min
 Lab File: BF121753.D
 Acq: 30 Sep 2020 22:38

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.2	43.8
170	23.8	19.7	29.5





#50

Dimethylphthalate

Concen: 4.759 ng

RT: 9.53 min Scan# 1265

Delta R.T. -0.02 min

Lab File: BF121753.D

Acq: 30 Sep 2020 22:38

Instrument :

BNA_F

ClientSampleId :

PAV-B18-092920-10-20

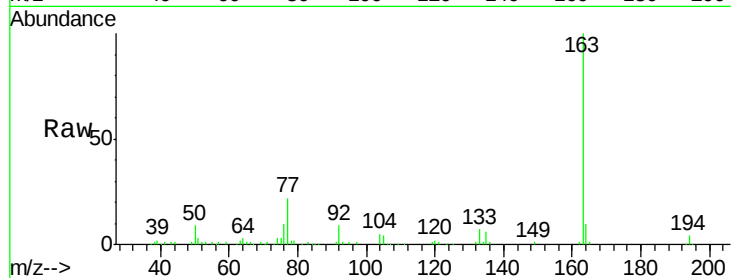
Tot Ion:163 Resp: 111373

Ion Ratio Lower Upper

163 100

194 4.0 3.1 4.7

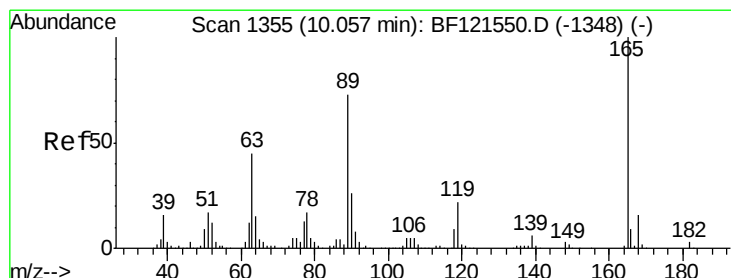
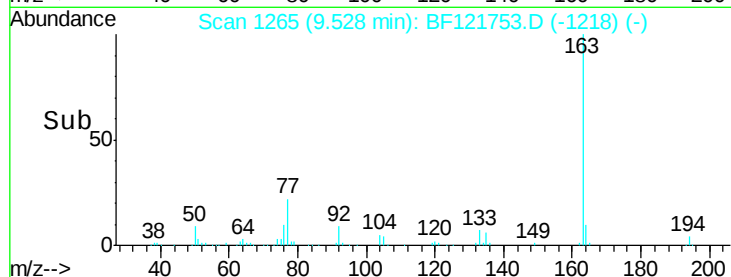
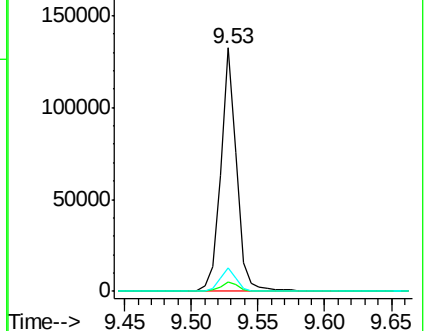
164 9.6 8.5 12.7



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



#57

2,4-Dinitrotoluene

Concen: 6.633 ng

RT: 9.81 min Scan# 1313

Delta R.T. -0.21 min

Lab File: BF121753.D

Acq: 30 Sep 2020 22:38

Tgt Ion:165 Resp: 41593

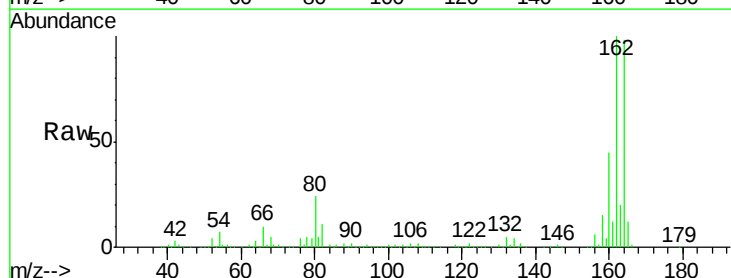
Ion Ratio Lower Upper

165 100

63 1.5 39.0 58.6#

89 1.8 57.5 86.3#

182 0.0 2.2 3.4#

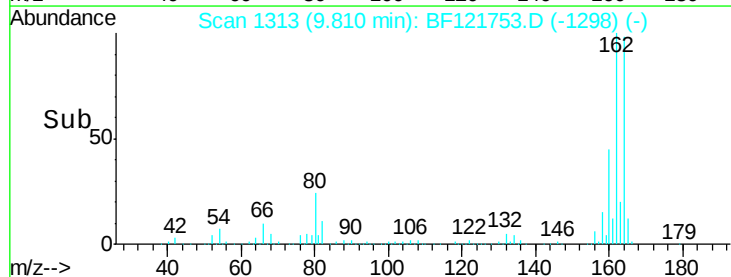
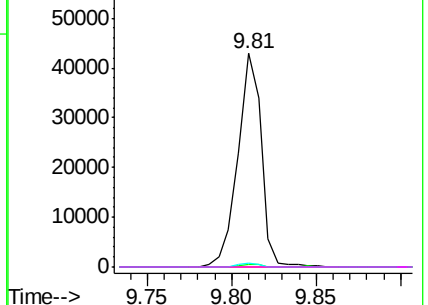


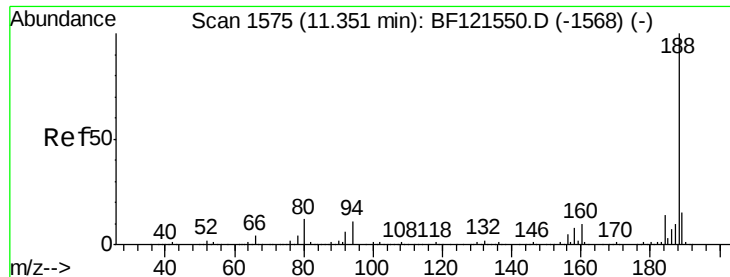
Abundance Ion 165.00 (164.70 to 165.70): E

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

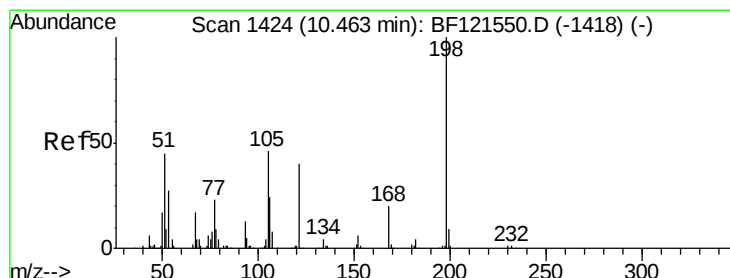
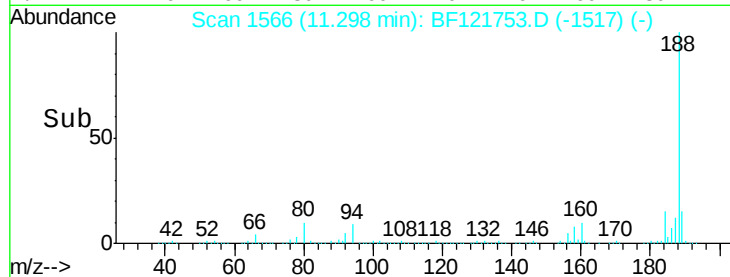
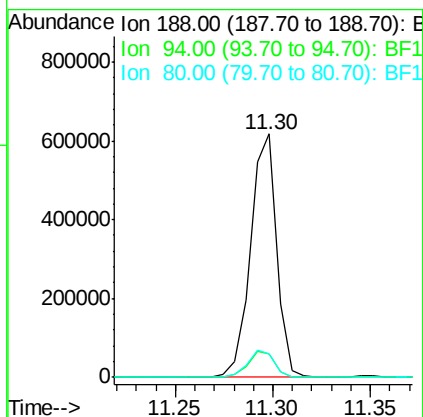
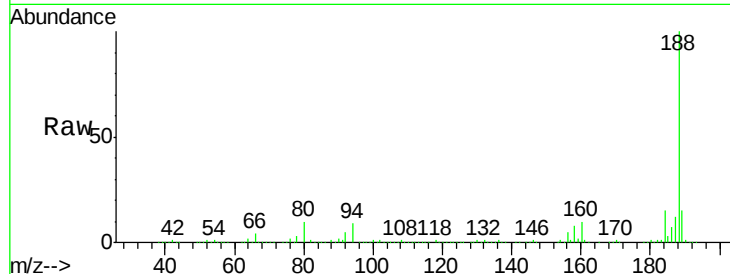




#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.30 min Scan# 1566
 Delta R.T. -0.01 min
 Lab File: BF121753.D
 Acq: 30 Sep 2020 22:38

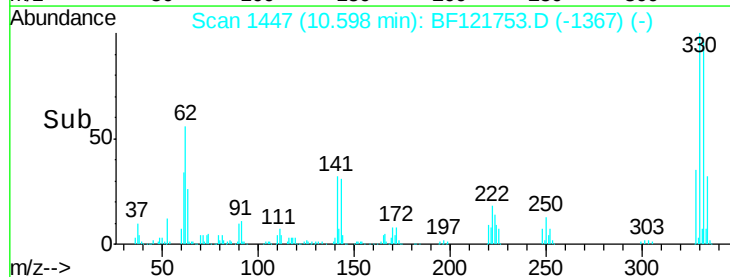
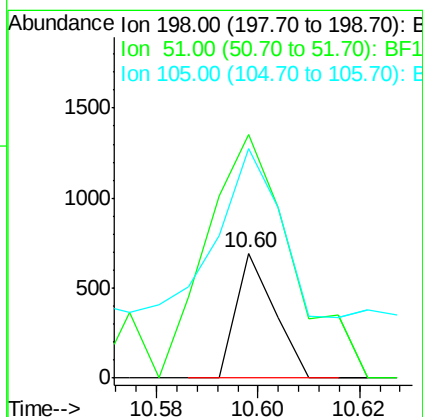
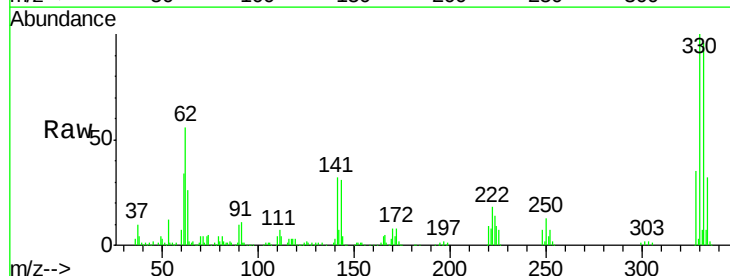
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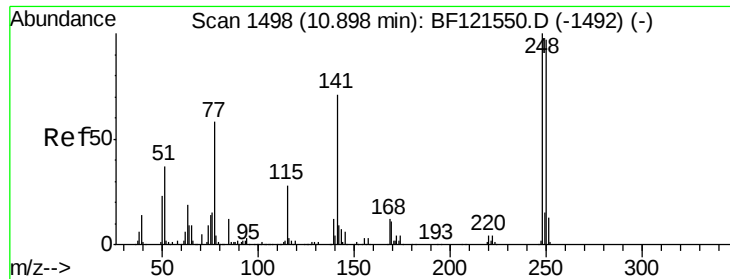
Tot Ion:188	Resp:	572117
Ion	Ratio	Lower Upper
188	100	
94	9.5	8.2 12.2
80	9.9	8.9 13.3



#65
 4,6-Dinitro-2-methylphenol
 Concen: 6.941 ng
 RT: 10.60 min Scan# 1447
 Delta R.T. 0.17 min
 Lab File: BF121753.D
 Acq: 30 Sep 2020 22:38

Tgt Ion:198	Resp:	364
Ion	Ratio	Lower Upper
198	100	
51	194.7	34.7 74.7#
105	183.5	27.8 67.8#

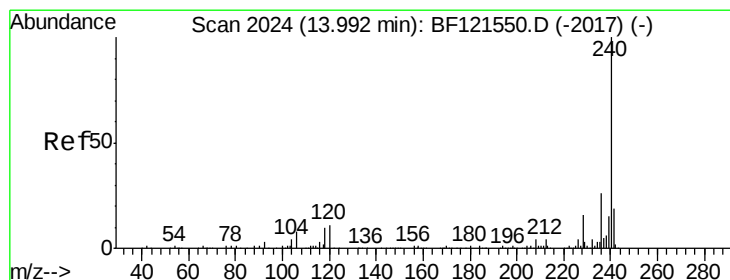
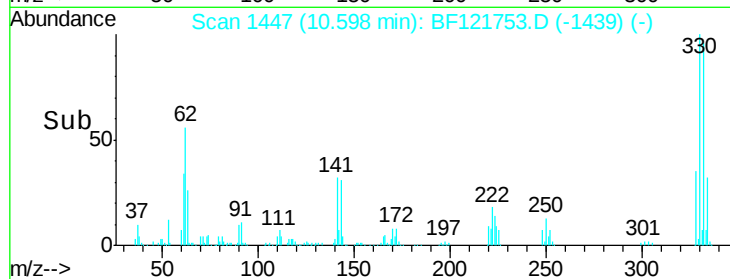
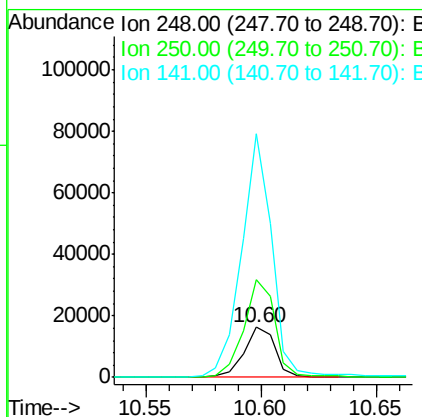
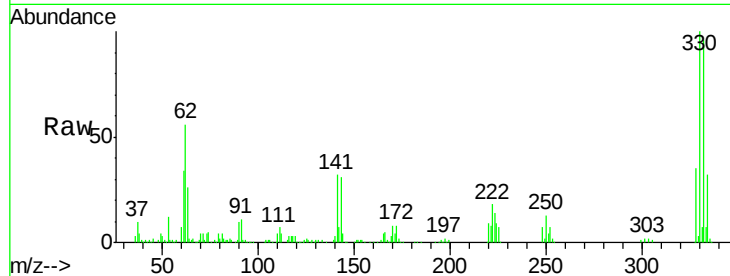




#67
 4-Bromophenyl-phenylether
 Concen: 2.349 ng
 RT: 10.60 min Scan# 1447
 Delta R.T. -0.25 min
 Lab File: BF121753.D
 Acq: 30 Sep 2020 22:38

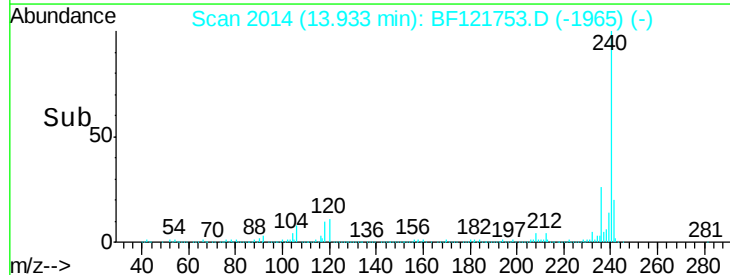
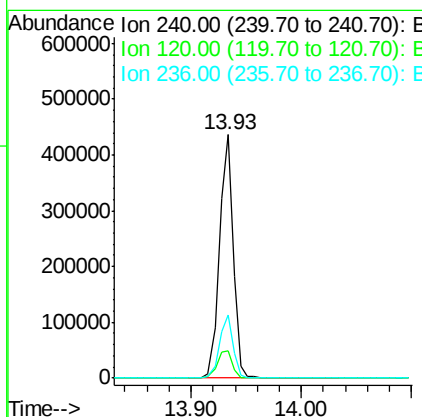
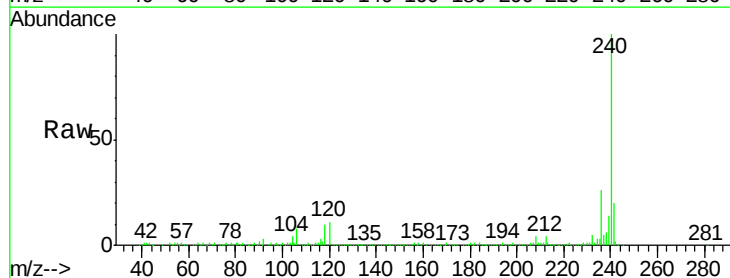
Instrument :
 BNA_F
 ClientSampleId :
 PAV-B18-092920-10-20

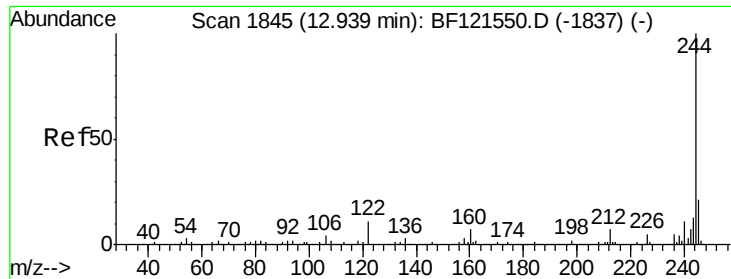
Tot Ion	Ratio	Lower	Upper
248	100		
250	194.4	78.6	118.0#
141	487.5	60.0	90.0#



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.93 min Scan# 2014
 Delta R.T. -0.01 min
 Lab File: BF121753.D
 Acq: 30 Sep 2020 22:38

Tgt Ion	Ratio	Lower	Upper
240	100		
120	11.4	10.2	15.4
236	26.0	20.4	30.6





#79

Terphenyl-d14

Concen: 43.990 ng

RT: 12.88 min Scan# 1835

Delta R.T. -0.01 min

Lab File: BF121753.D

Acq: 30 Sep 2020 22:38

Instrument :

BNA_F

ClientSampleId :

PAV-B18-092920-10-20

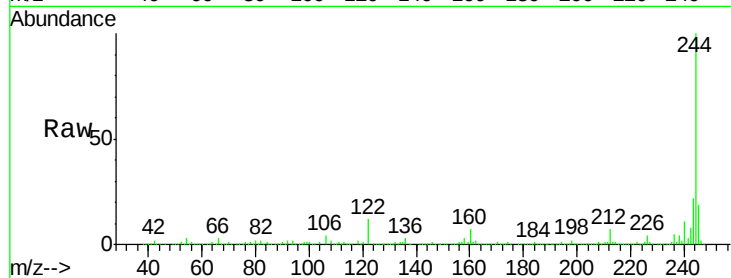
Tot Ion:244 Resp: 823683

Ion Ratio Lower Upper

244 100

212 7.0 5.7 8.5

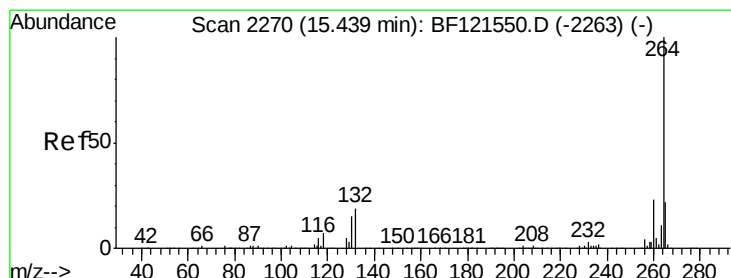
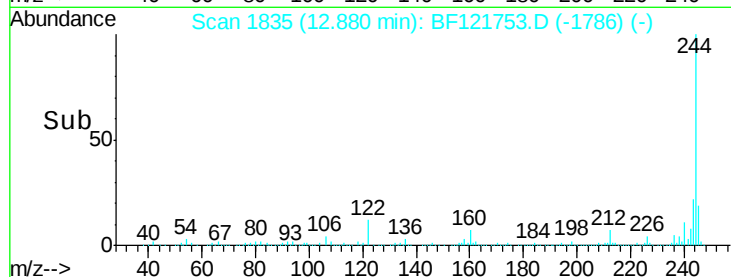
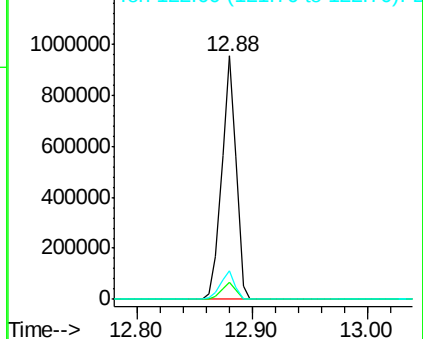
122 11.6 9.0 13.4



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# 2258

Delta R.T. -0.02 min

Lab File: BF121753.D

Acq: 30 Sep 2020 22:38

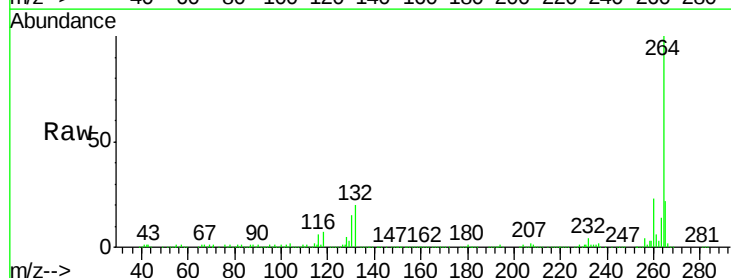
Tgt Ion:264 Resp: 329450

Ion Ratio Lower Upper

264 100

260 23.5 19.0 28.6

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

