

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100820\
 Data File : BF121897.D
 Acq On : 8 Oct 2020 19:22
 Operator : JU/CG
 Sample : L4311-05
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PAV-B10-100720-10-17

Quant Time: Oct 09 00:34:08 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 01 14:29:14 2020
 Response via : Initial Calibration

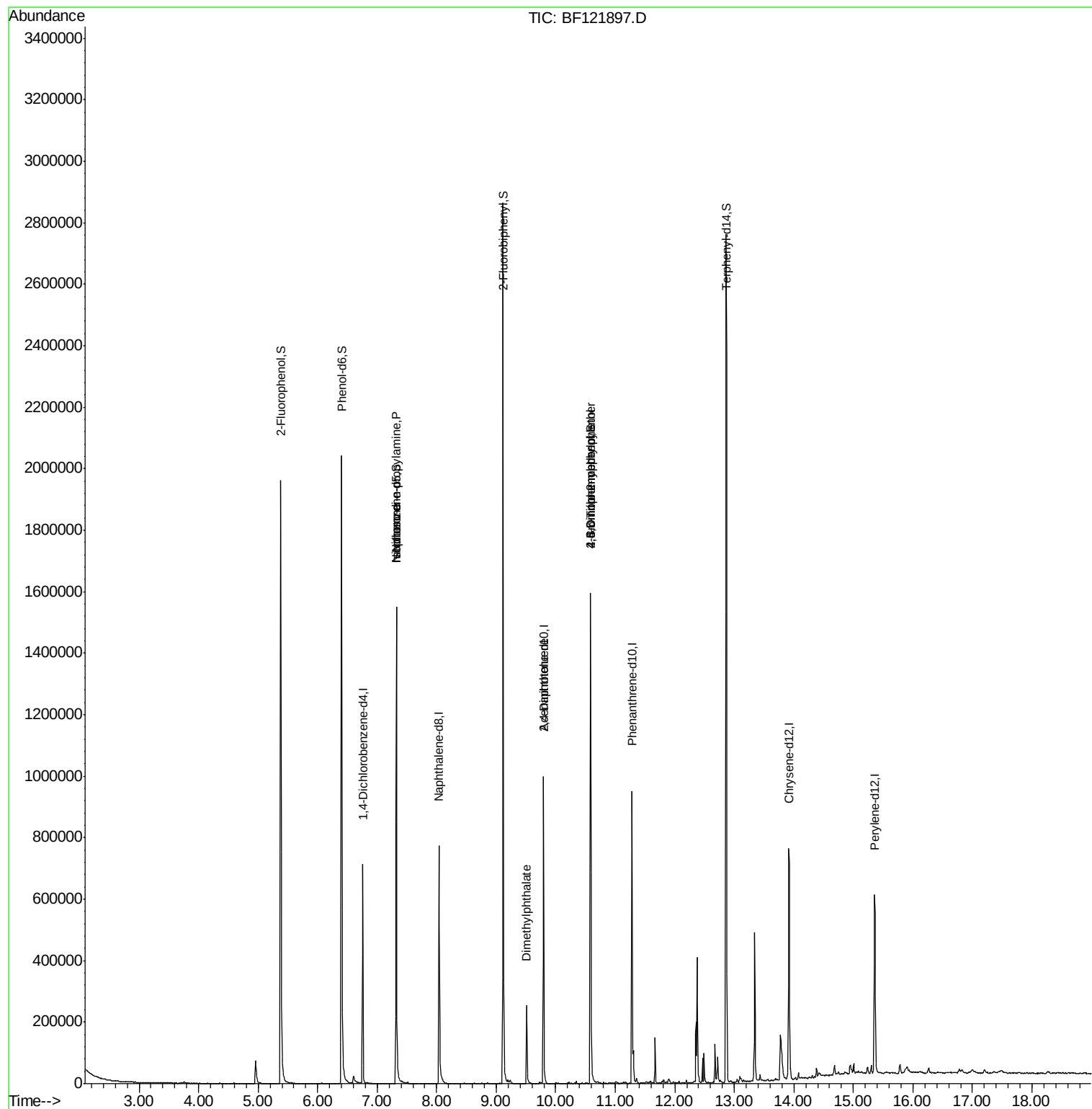
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	93787	20.00	ng	-0.01
21) Naphthalene-d8	8.04	136	377452	20.00	ng	-0.02
39) Acenaphthene-d10	9.79	164	192580	20.00	ng	-0.02
64) Phenanthrene-d10	11.28	188	364014	20.00	ng	-0.01
76) Chrysene-d12	13.92	240	257441	20.00	ng	-0.02
86) Perylene-d12	15.36	264	253584	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	592287	93.85	ng	0.00
7) Phenol-d6	6.40	99	755678	91.27	ng	-0.01
23) Nitrobenzene-d5	7.32	82	515407	73.32	ng	-0.02
42) 2,4,6-Tribromophenol	10.59	330	212304	88.70	ng	-0.02
45) 2-Fluorobiphenyl	9.12	172	898849	70.69	ng	-0.02
79) Terphenyl-d14	12.86	244	898474	70.70	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.32	70	67057	14.053	ng	# 80
25) Isophorone	7.32	82	515449	36.424	ng	# 67
50) Dimethylphthalate	9.51	163	118226	8.470	ng	# 99
57) 2,4-Dinitrotoluene	9.79	165	25018	6.690	ng	# 20
65) 4,6-Dinitro-2-methylphenol	10.59	198	330	6.979	ng	# 1
67) 4-Bromophenyl-phenylether	10.59	248	12488	3.013	ng	# 1

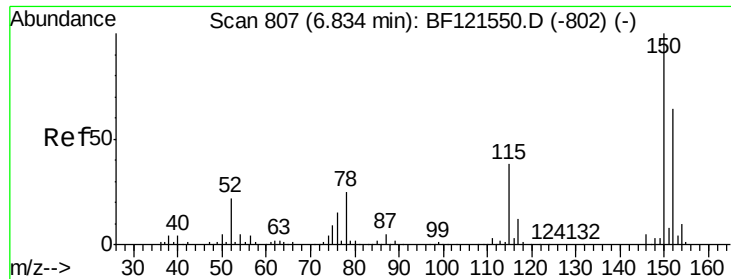
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Oct 01 14:29:14 2020
Response via : Initial Calibration

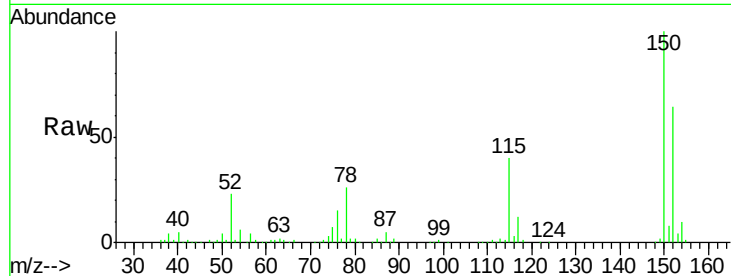




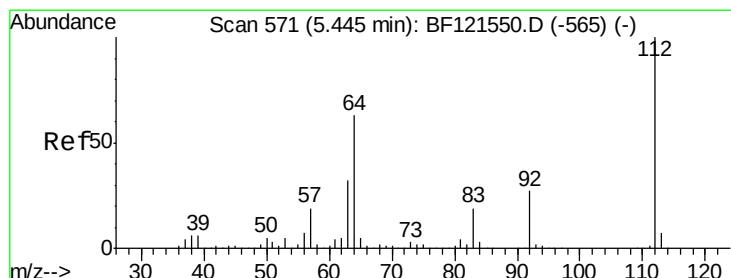
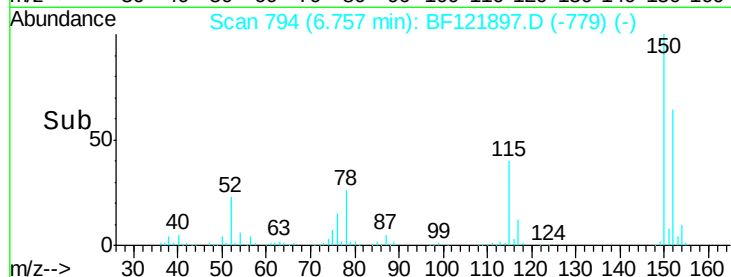
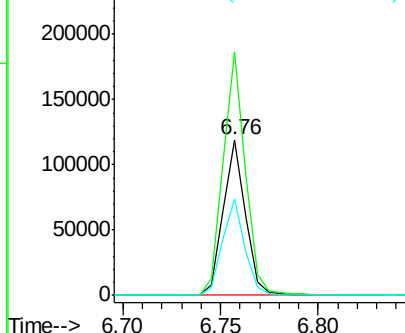
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.76 min Scan# 794
 Delta R.T. -0.01 min
 Lab File: BF121897.D
 Acq: 8 Oct 2020 19:22

Instrument :
 BNA_F
 ClientSampleId :
 PAV-B10-100720-10-17

Tot Ion:152 Resp: 93787
 Ion Ratio Lower Upper
 152 100
 150 156.2 125.3 187.9
 115 61.8 51.9 77.9

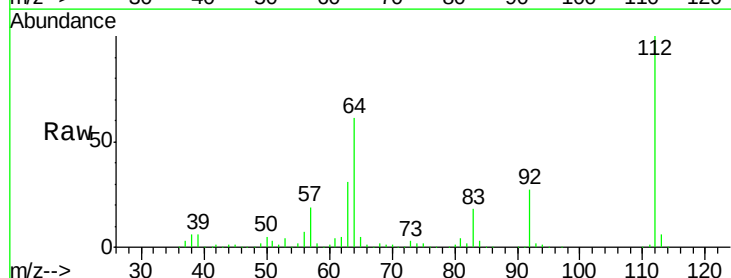


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

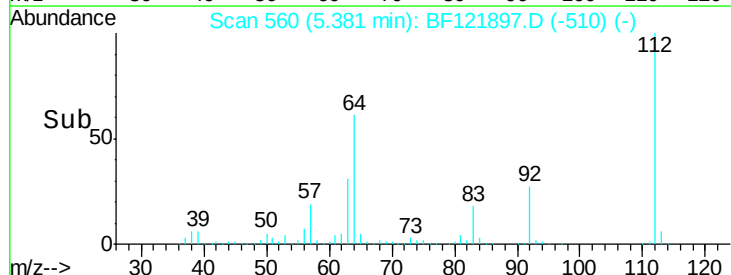
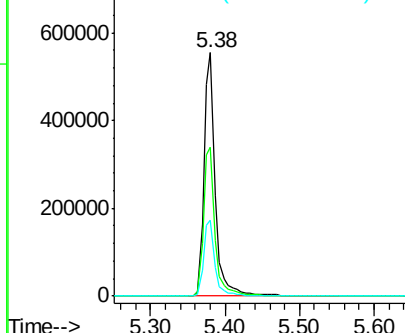


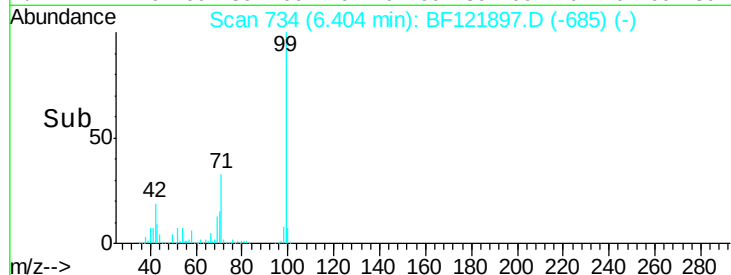
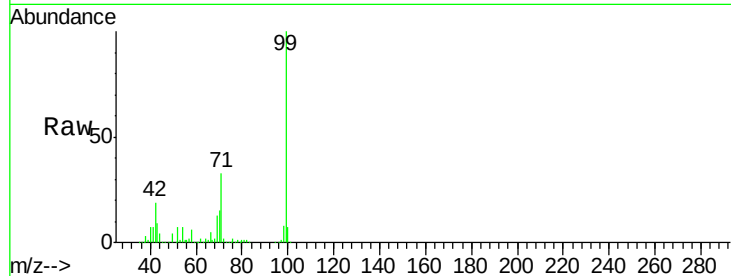
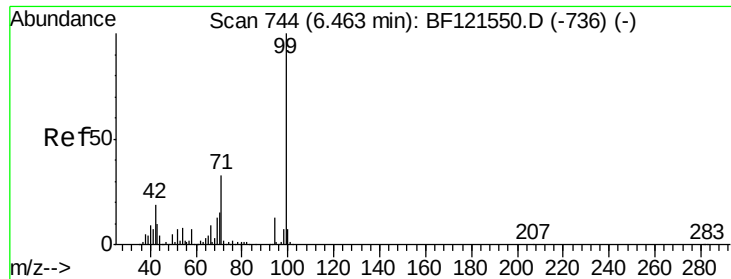
#5
 2-Fluorophenol
 Concen: 93.852 ng
 RT: 5.38 min Scan# 560
 Delta R.T. -0.01 min
 Lab File: BF121897.D
 Acq: 8 Oct 2020 19:22

Tgt Ion:112 Resp: 592287
 Ion Ratio Lower Upper
 112 100
 64 61.3 50.4 75.6
 63 31.2 25.8 38.6



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: 91.272 ng

RT: 6.40 min Scan# 734

Delta R.T. -0.01 min

Lab File: BF121897.D

Acq: 8 Oct 2020 19:22

Instrument :

BNA_F

ClientSampleId :

PAV-B10-100720-10-17

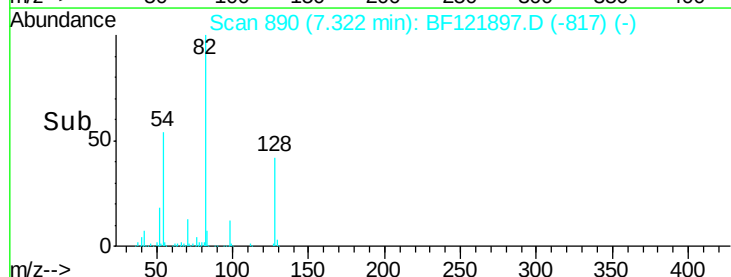
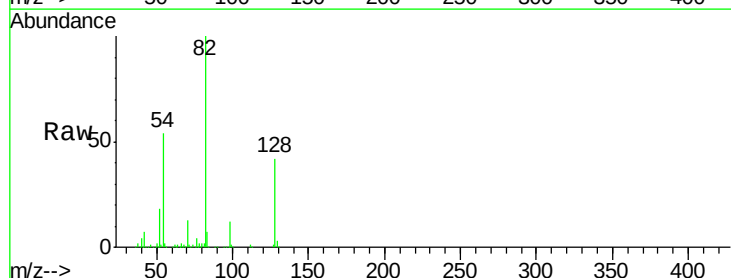
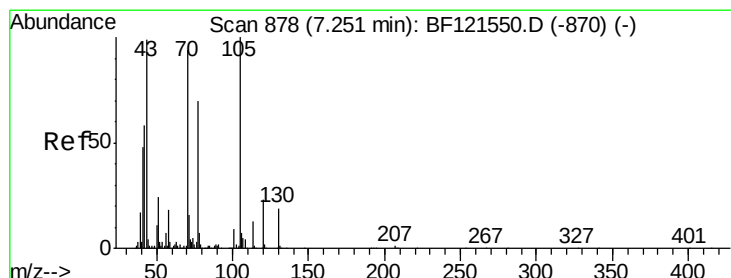
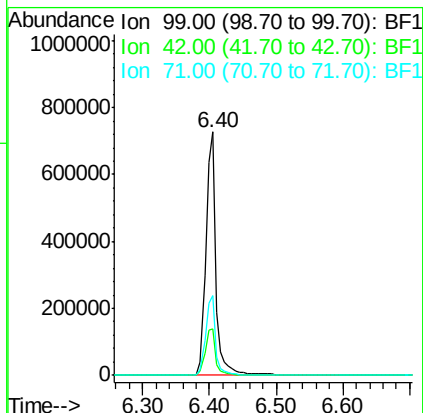
Tot Ion: 99 Resp: 755678

Ion Ratio Lower Upper

99 100

42 18.9 15.9 23.9

71 32.6 27.1 40.7



#19

n-Nitroso-di-n-propylamine

Concen: 14.053 ng

RT: 7.32 min Scan# 890

Delta R.T. 0.13 min

Lab File: BF121897.D

Acq: 8 Oct 2020 19:22

Tgt Ion: 70 Resp: 67057

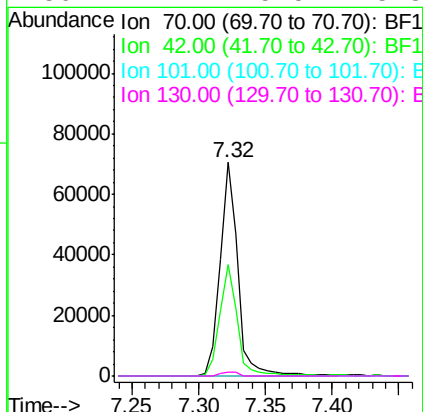
Ion Ratio Lower Upper

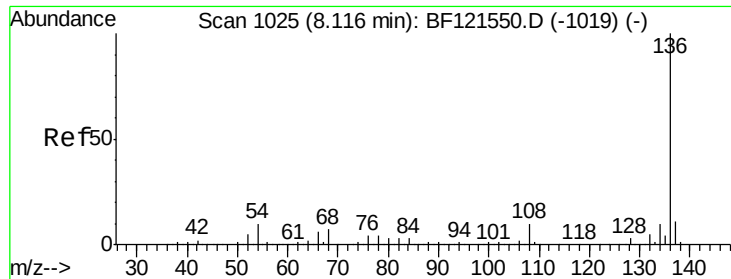
70 100

42 52.3 50.2 75.4

101 0.0 7.5 11.3#

130 2.1 15.5 23.3#

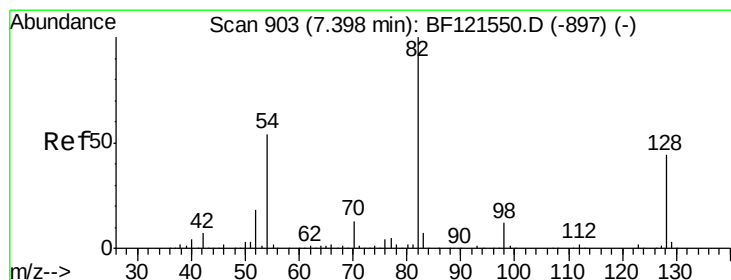
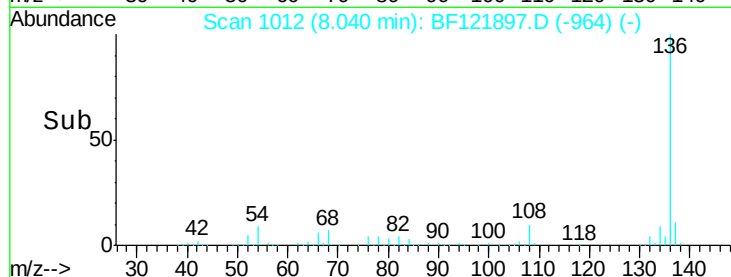
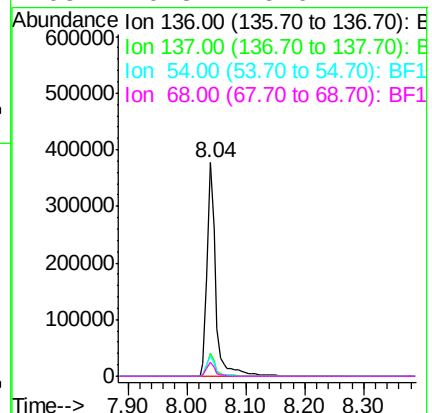
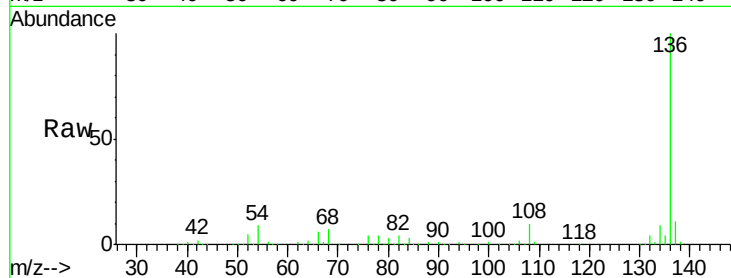




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.04 min Scan# 1012
Delta R.T. -0.02 min
Lab File: BF121897.D
Acq: 8 Oct 2020 19:22

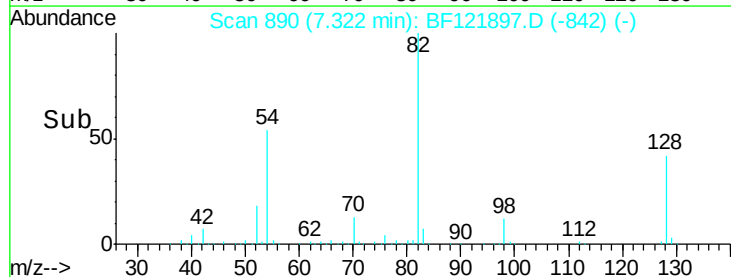
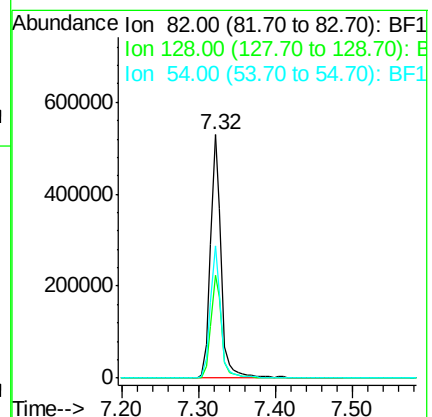
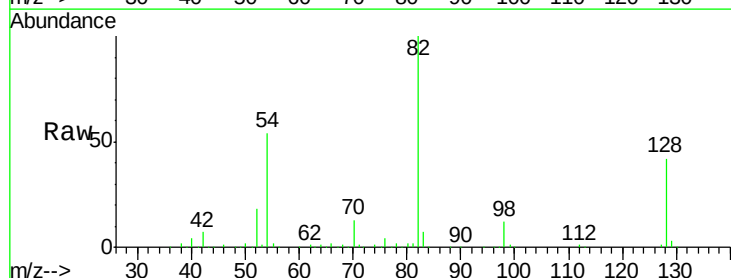
Instrument :
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ClientSampleId :
PAV-B10-100720-10-17

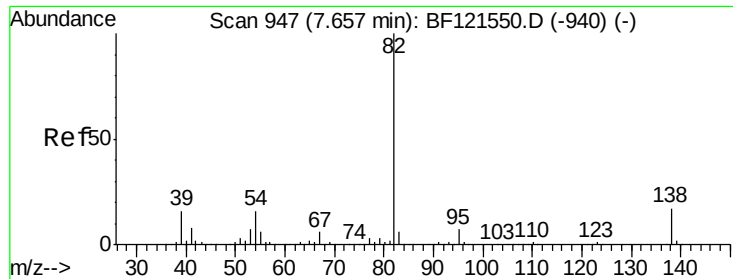
Tot Ion:136	Resp:	377452
Ion Ratio	Lower	Upper
136	100	
137	10.8	8.6 13.0
54	9.4	7.1 10.7
68	6.8	5.0 7.4



#23
Nitrobenzene-d5
Concen: 73.316 ng
RT: 7.32 min Scan# 890
Delta R.T. -0.02 min
Lab File: BF121897.D
Acq: 8 Oct 2020 19:22

Tgt Ion: 82	Resp:	515407
Ion Ratio	Lower	Upper
82	100	
128	42.1	35.0 52.4
54	54.2	43.9 65.9

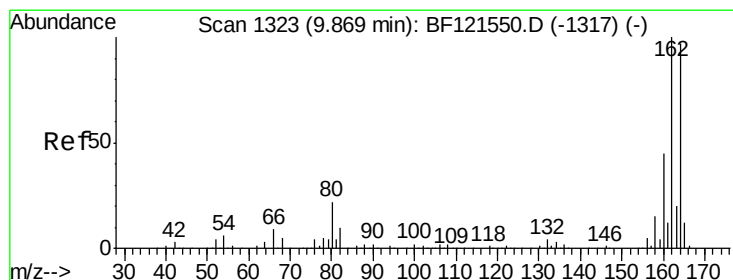
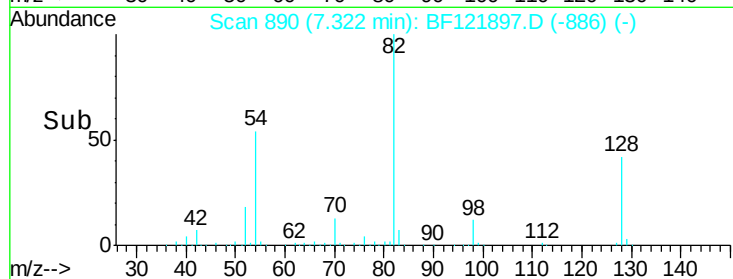
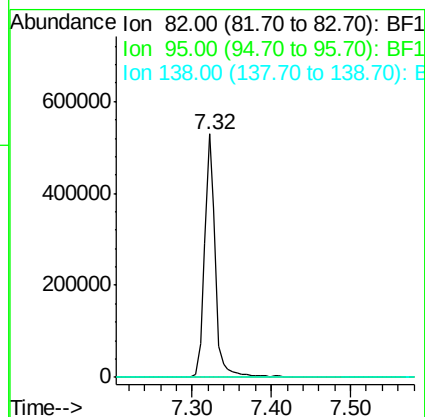
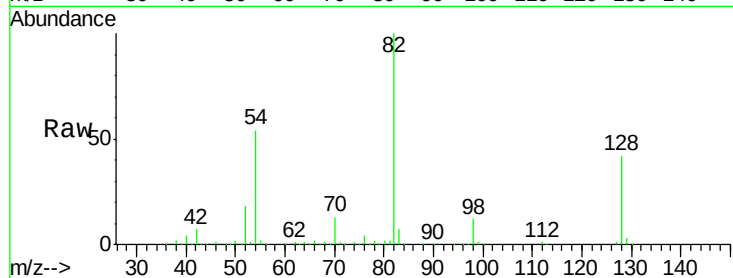




#25
Isophorone
Concen: 36.424 ng
RT: 7.32 min Scan# 890
Delta R.T. -0.28 min
Lab File: BF121897.D
Acq: 8 Oct 2020 19:22

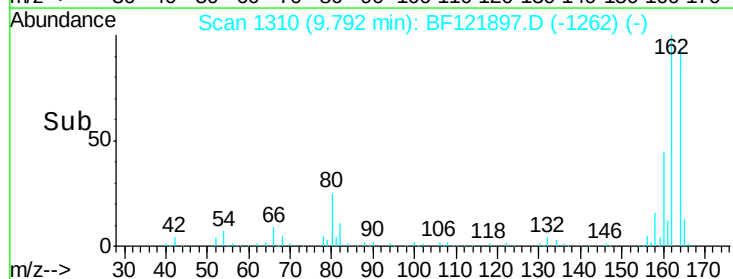
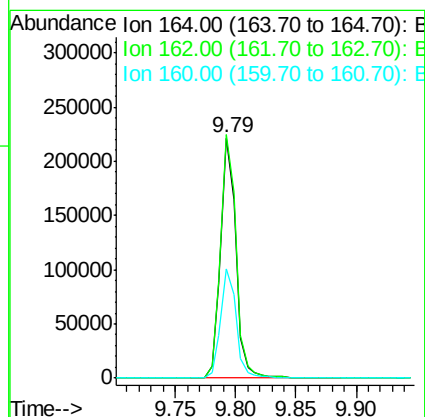
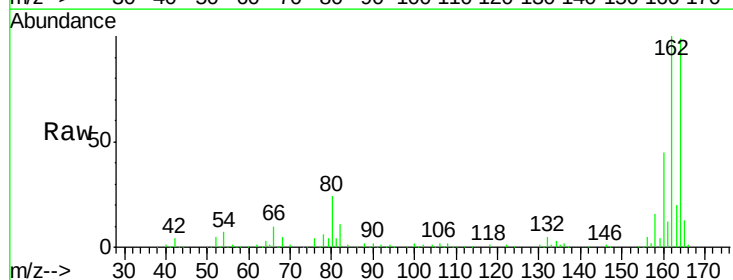
Instrument :
BNA_F
ClientSampleId :
PAV-B10-100720-10-17

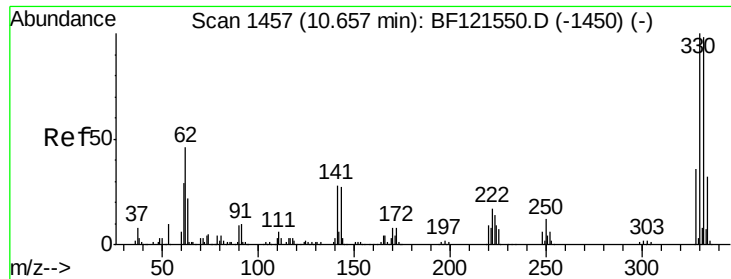
Tot Ion: 82 Resp: 515449
Ion Ratio Lower Upper
82 100
95 0.0 5.4 8.0#
138 0.0 13.4 20.0#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.79 min Scan# 1310
Delta R.T. -0.02 min
Lab File: BF121897.D
Acq: 8 Oct 2020 19:22

Tgt Ion: 164 Resp: 192580
Ion Ratio Lower Upper
164 100
162 101.3 83.2 124.8
160 45.7 37.5 56.3

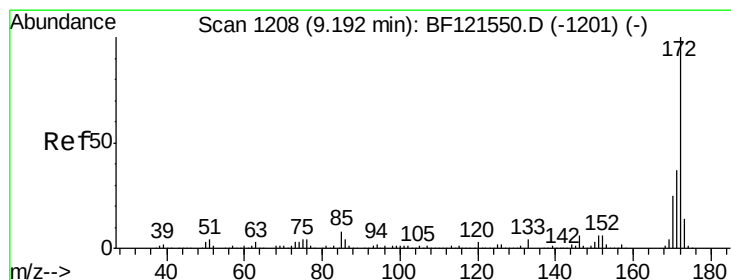
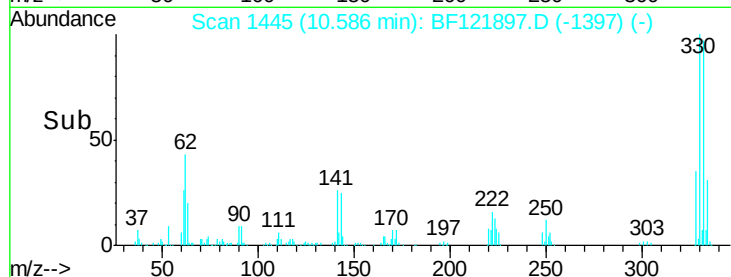
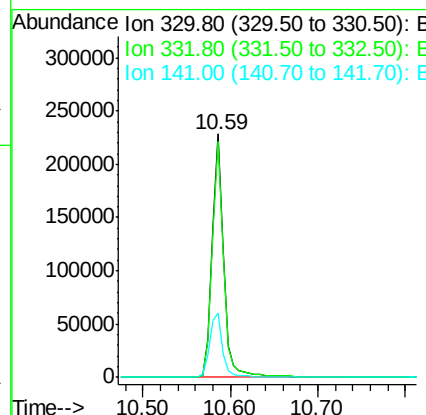
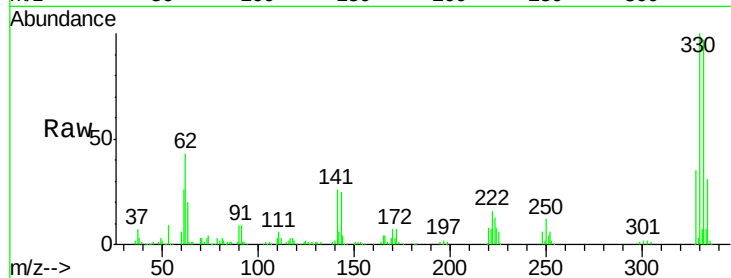




#42
 2,4,6-Tribromophenol
 Concen: 88.700 ng
 RT: 10.59 min Scan# 1445
 Delta R.T. -0.02 min
 Lab File: BF121897.D
 Acq: 8 Oct 2020 19:22

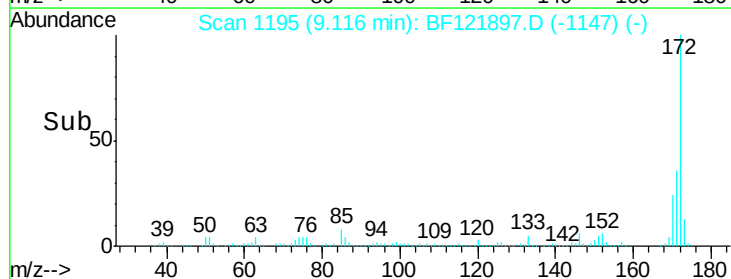
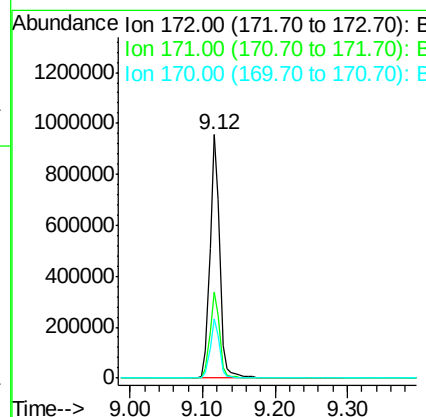
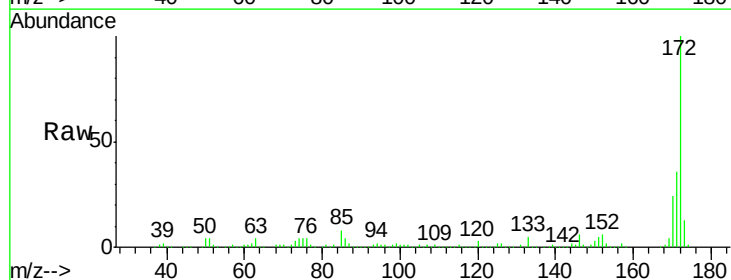
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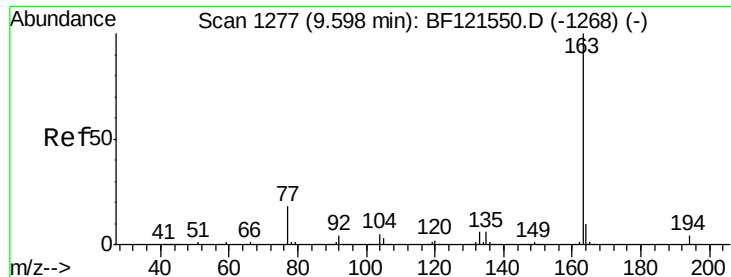
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.7	77.3	115.9
141	29.6	22.3	33.5



#45
 2-Fluorobiphenyl
 Concen: 70.689 ng
 RT: 9.12 min Scan# 1195
 Delta R.T. -0.02 min
 Lab File: BF121897.D
 Acq: 8 Oct 2020 19:22

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.5	29.1	43.7
170	24.1	19.8	29.6

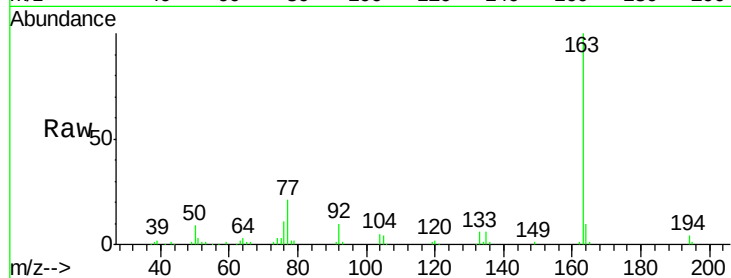




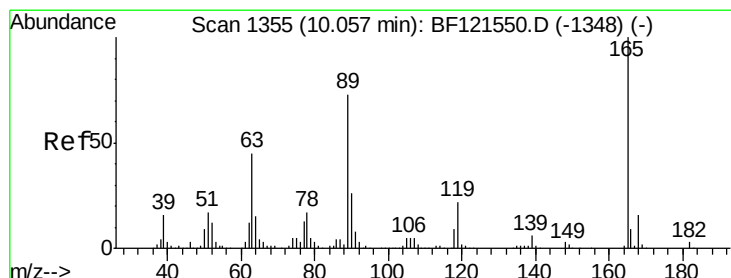
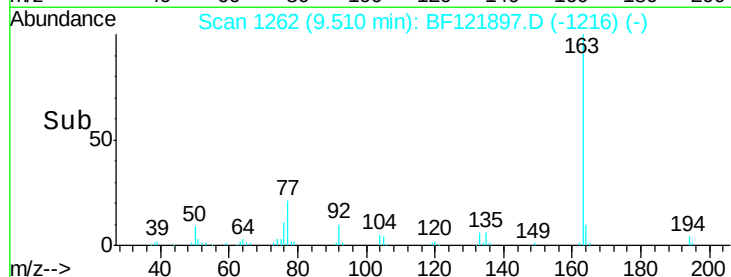
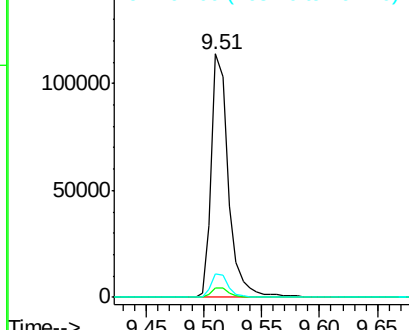
#50
Dimethylphthalate
Concen: 8.470 ng
RT: 9.51 min Scan# 1262
Delta R.T. -0.03 min
Lab File: BF121897.D
Acq: 8 Oct 2020 19:22

Instrument :
BNA_F
ClientSampleId :
PAV-B10-100720-10-17

Tot Ion:163 Resp: 118226
Ion Ratio Lower Upper
163 100
194 3.8 3.3 4.9
164 9.7 8.2 12.4

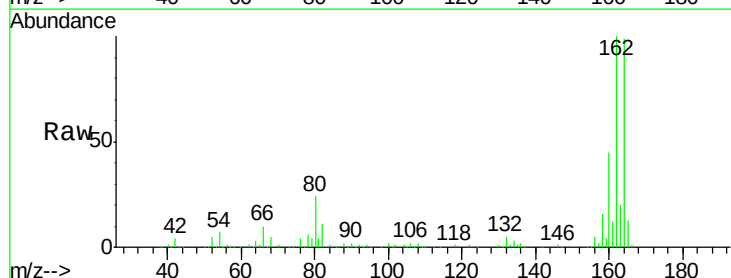


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

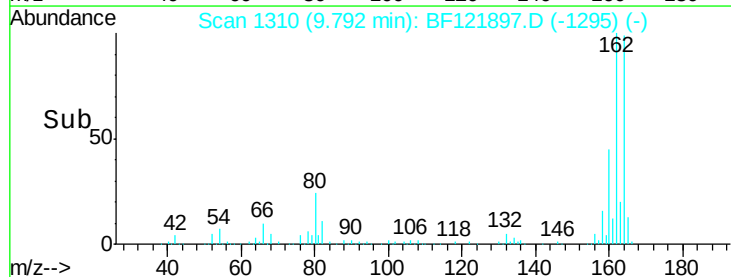
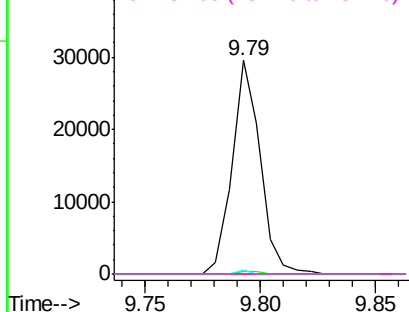


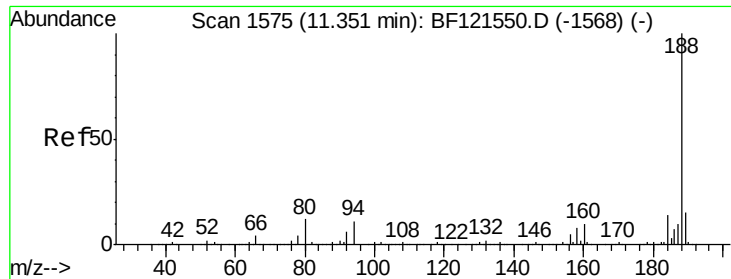
#57
2,4-Dinitrotoluene
Concen: 6.690 ng
RT: 9.79 min Scan# 1310
Delta R.T. -0.21 min
Lab File: BF121897.D
Acq: 8 Oct 2020 19:22

Tgt Ion:165 Resp: 25018
Ion Ratio Lower Upper
165 100
63 1.0 41.3 61.9#
89 1.9 61.8 92.8#
182 0.0 2.1 3.1#



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: 11.28 min Scan# 1563

Delta R.T. -0.01 min

Lab File: BF121897.D

Acq: 8 Oct 2020 19:22

Instrument :

BNA_F

ClientSampleId :

PAV-B10-100720-10-17

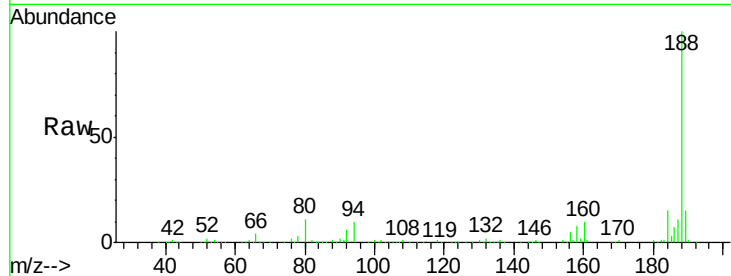
Tot Ion:188 Resp: 364014

Ion Ratio Lower Upper

188 100

94 10.1 8.3 12.5

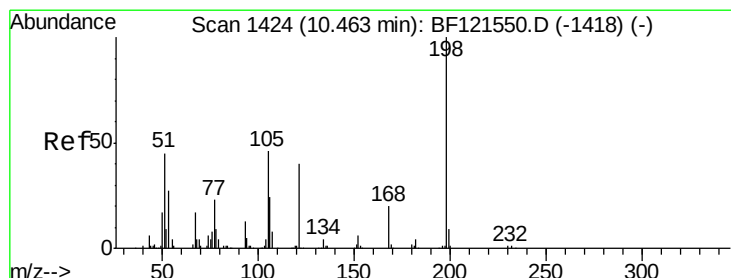
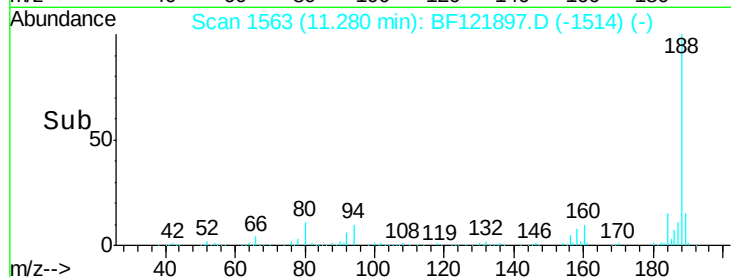
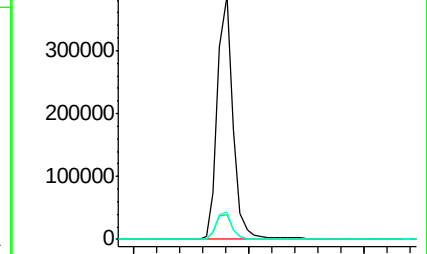
80 11.0 9.1 13.7



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: 6.979 ng

RT: 10.59 min Scan# 1445

Delta R.T. 0.17 min

Lab File: BF121897.D

Acq: 8 Oct 2020 19:22

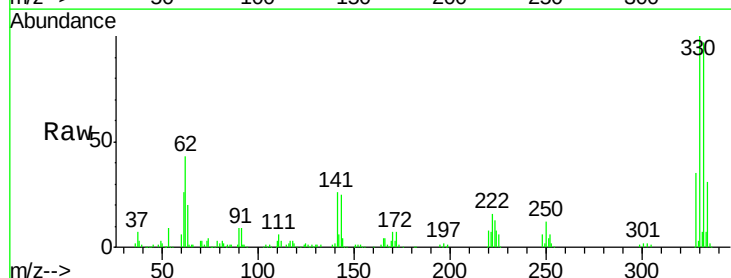
Tgt Ion:198 Resp: 330

Ion Ratio Lower Upper

198 100

51 170.2 29.6 69.6#

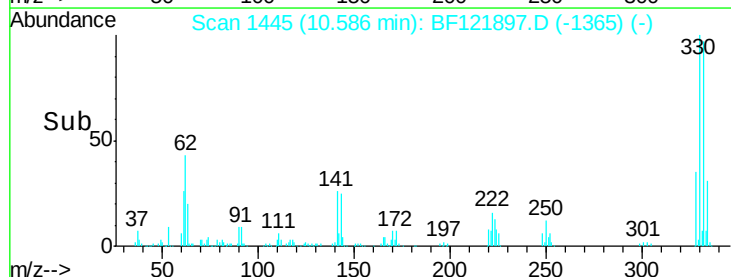
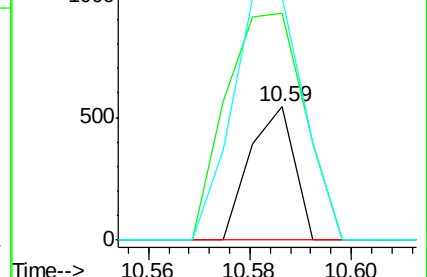
105 182.9 24.4 64.4#

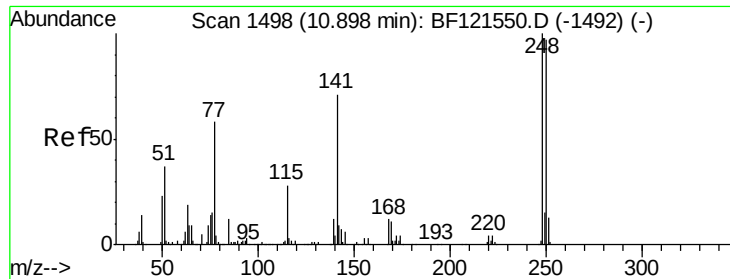


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E

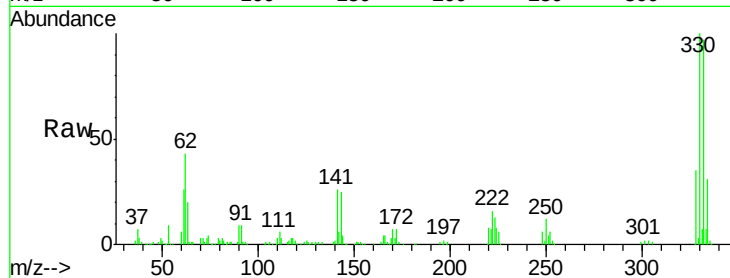




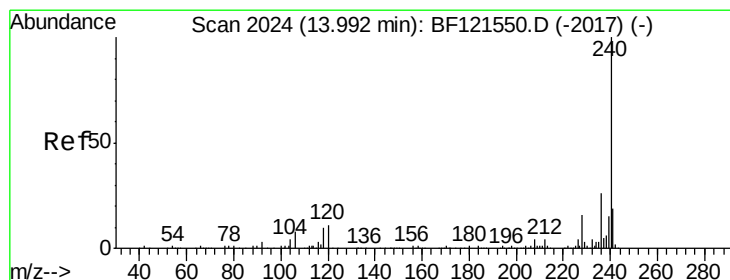
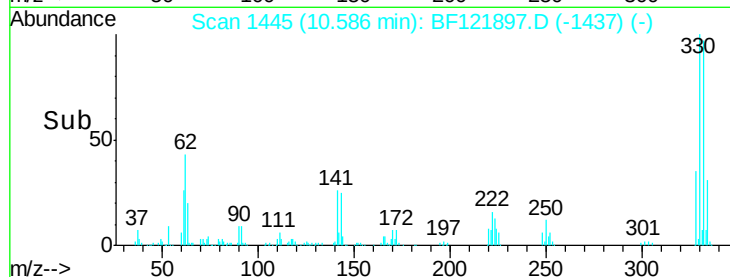
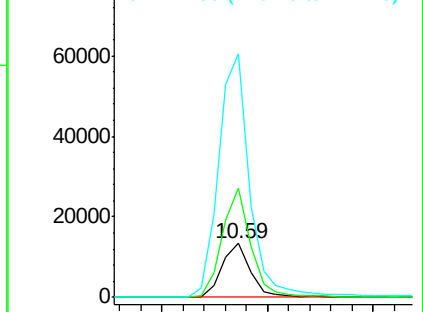
#67
 4-Bromophenyl-phenylether
 Concen: 3.013 ng
 RT: 10.59 min Scan# 1445
 Delta R.T. -0.25 min
 Lab File: BF121897.D
 Acq: 8 Oct 2020 19:22

Instrument :
 BNA_F
 ClientSampleId :
 PAV-B10-100720-10-17

Tot Ion:248 Resp: 12488
 Ion Ratio Lower Upper
 248 100
 250 202.3 77.0 115.6#
 141 450.0 53.7 80.5#

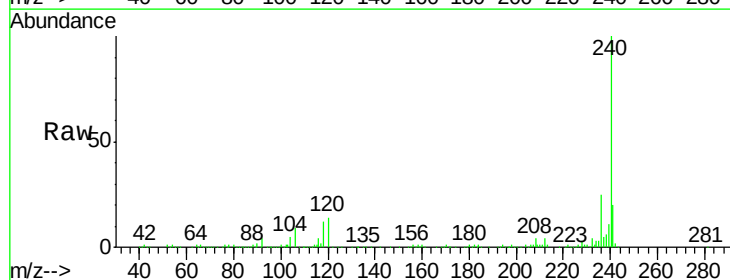


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

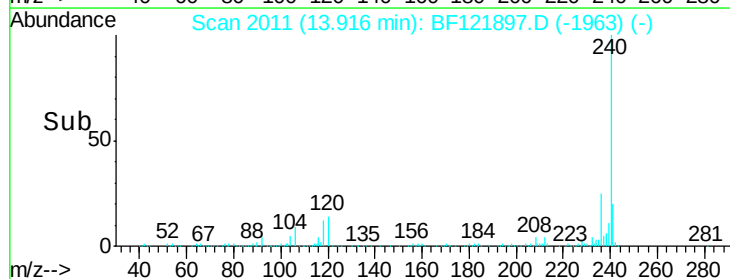
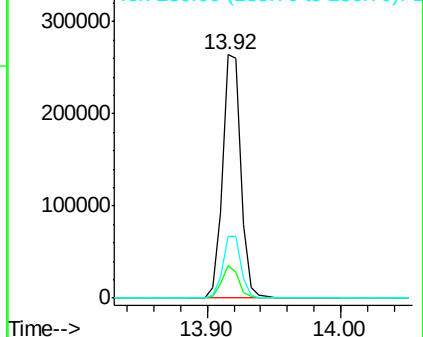


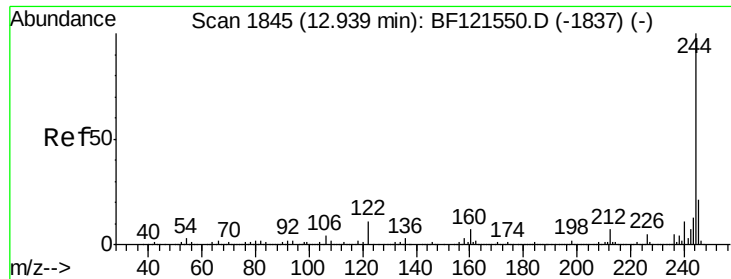
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.92 min Scan# 2011
 Delta R.T. -0.02 min
 Lab File: BF121897.D
 Acq: 8 Oct 2020 19:22

Tgt Ion:240 Resp: 257441
 Ion Ratio Lower Upper
 240 100
 120 13.5 9.2 13.8
 236 25.3 20.9 31.3



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: 70.704 ng

RT: 12.86 min Scan# 1832

Delta R.T. -0.02 min

Lab File: BF121897.D

Acq: 8 Oct 2020 19:22

Instrument :

BNA_F

ClientSampleId :

PAV-B10-100720-10-17

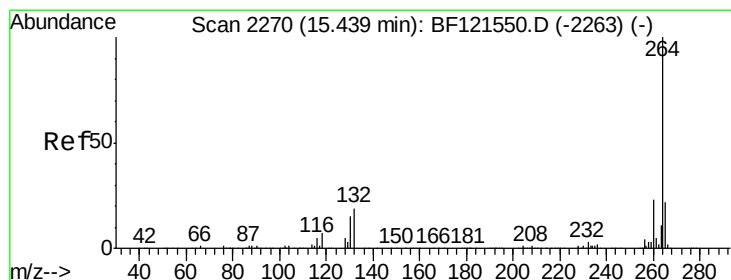
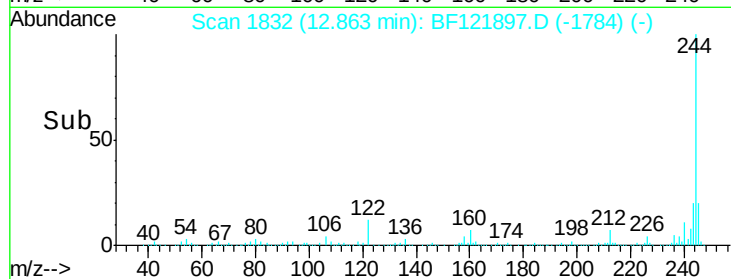
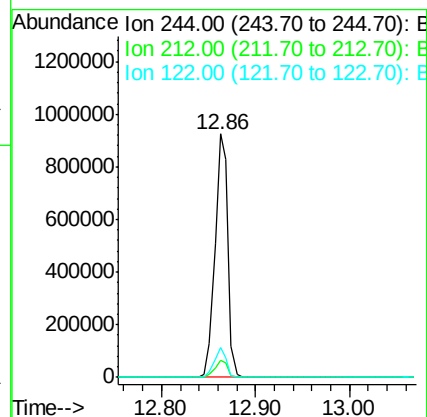
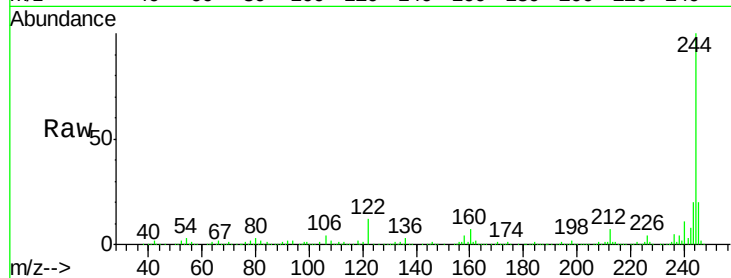
Tot Ion:244 Resp: 898474

Ion Ratio Lower Upper

244 100

212 7.2 5.4 8.2

122 12.3 8.1 12.1#



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.36 min Scan# 2256

Delta R.T. -0.01 min

Lab File: BF121897.D

Acq: 8 Oct 2020 19:22

Tgt Ion:264 Resp: 253584

Ion Ratio Lower Upper

264 100

260 22.7 18.7 28.1

265 21.6 17.3 25.9

