

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092220\
 Data File : BF121657.D
 Acq On : 22 Sep 2020 23:58
 Operator : JU/CG
 Sample : L4104-10
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PAV-B29-092120-10-17

Quant Time: Sep 23 01:10:46 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

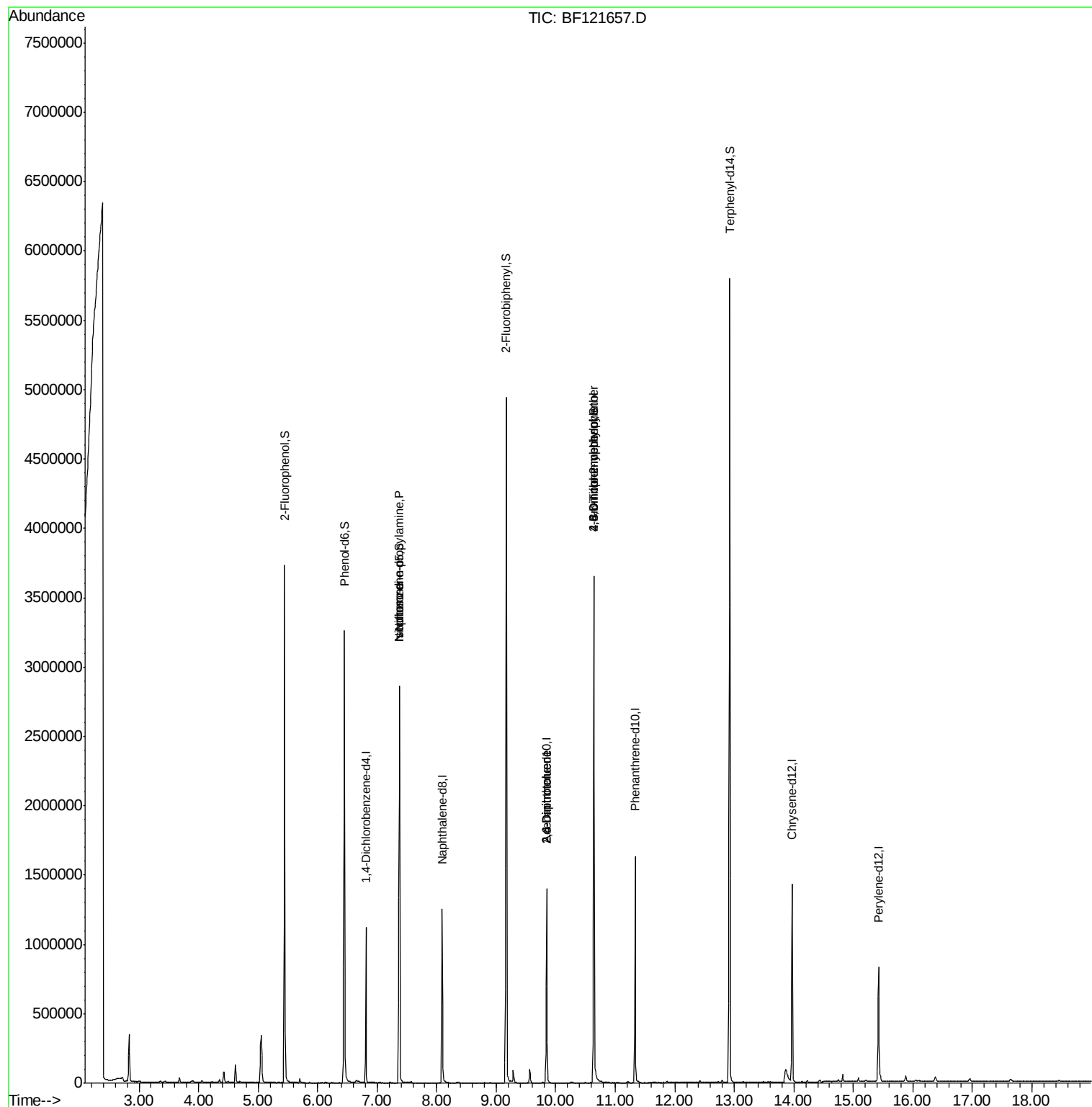
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	147731	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	572087	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	307840	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	595846	20.00	ng	0.00
76) Chrysene-d12	13.97	240	494957	20.00	ng	-0.01
86) Perylene-d12	15.42	264	367179	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	1071910	107.83	ng	0.02
7) Phenol-d6	6.45	99	1271557	97.50	ng	0.00
23) Nitrobenzene-d5	7.37	82	1061182	99.59	ng	0.00
42) 2,4,6-Tribromophenol	10.64	330	557958	145.83	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	1855843	91.30	ng	0.00
79) Terphenyl-d14	12.93	244	2196806	89.92	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.37	70	143243	19.058	ng	# 79
25) Isophorone	7.37	82	1050009	48.955	ng	# 67
51) 2,6-Dinitrotoluene	9.85	165	39625	8.339	ng	# 23
57) 2,4-Dinitrotoluene	9.85	165	39625	6.629	ng	# 23
65) 4,6-Dinitro-2-methylphenol	10.64	198	881	7.059	ng	# 1
67) 4-Bromophenyl-phenylether	10.64	248	31983	4.714	ng	# 1

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

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Data File : BF121657.D
Acq On : 22 Sep 2020 23:58
Operator : JU/CG
Sample : L4104-10
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PAV-B29-092120-10-17

Quant Time: Sep 23 01:10:46 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration



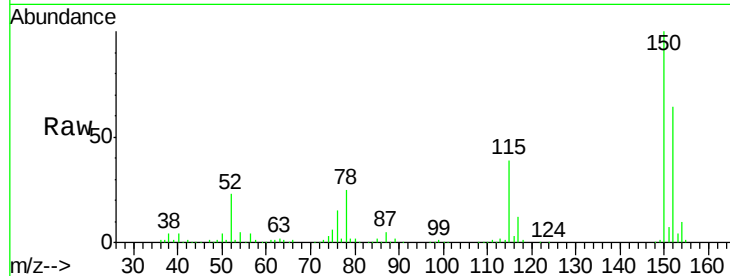


#1

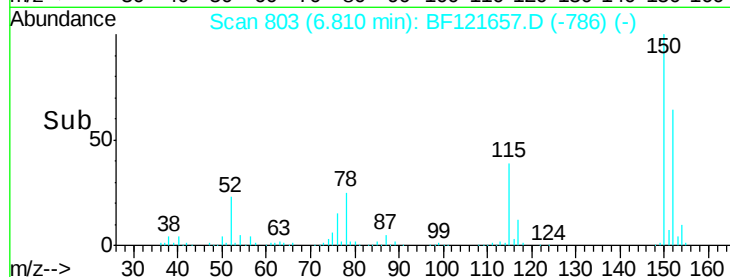
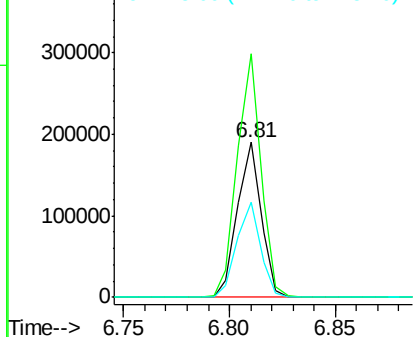
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. 0.00 min
Lab File: BF121657.D
Acq: 22 Sep 2020 23:58

Instrument :
BNA_F
ClientSampleId :
PAV-B29-092120-10-17

Tot Ion:152 Resp: 147731
Ion Ratio Lower Upper
152 100
150 157.0 128.1 192.1
115 61.3 52.6 79.0



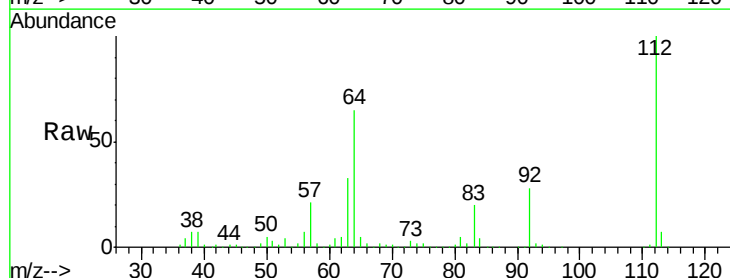
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



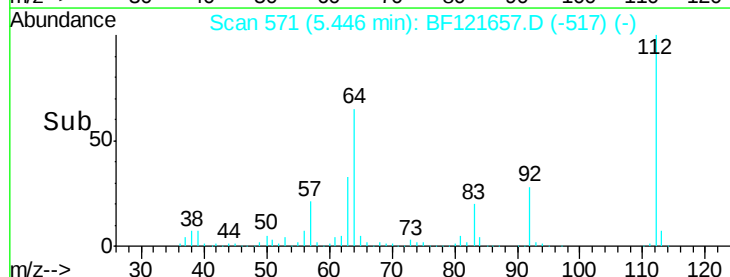
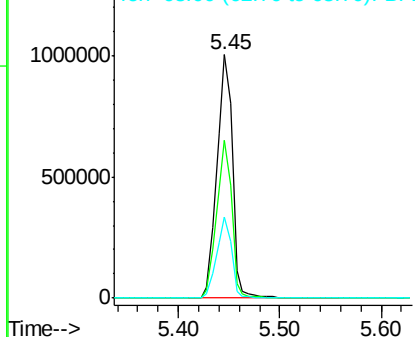
#5

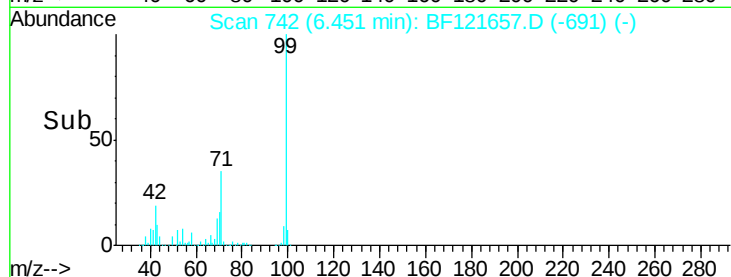
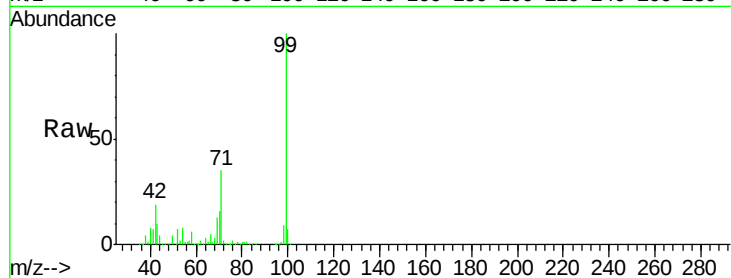
2-Fluorophenol
Concen: 107.831 ng
RT: 5.45 min Scan# 571
Delta R.T. 0.02 min
Lab File: BF121657.D
Acq: 22 Sep 2020 23:58

Tgt Ion:112 Resp: 1071910
Ion Ratio Lower Upper
112 100
64 64.8 52.2 78.2
63 33.3 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: 97.500 ng

RT: 6.45 min Scan# 742

Delta R.T. 0.00 min

Lab File: BF121657.D

Acq: 22 Sep 2020 23:58

Instrument :

BNA_F

ClientSampleId :

PAV-B29-092120-10-17

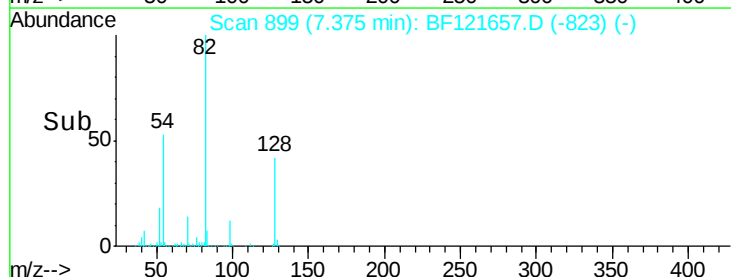
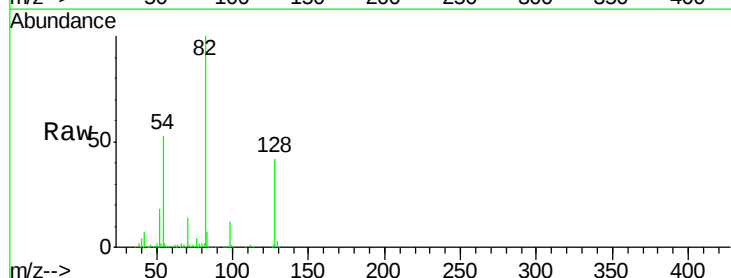
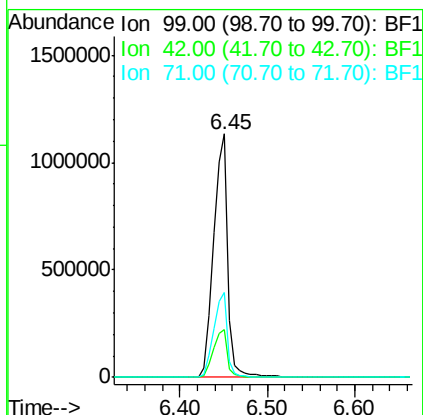
Tot Ion: 99 Resp: 1271557

Ion Ratio Lower Upper

99 100

42 19.4 15.5 23.3

71 34.9 27.4 41.2



#19

n-Nitroso-di-n-propylamine

Concen: 19.058 ng

RT: 7.37 min Scan# 899

Delta R.T. 0.15 min

Lab File: BF121657.D

Acq: 22 Sep 2020 23:58

Tgt Ion: 70 Resp: 143243

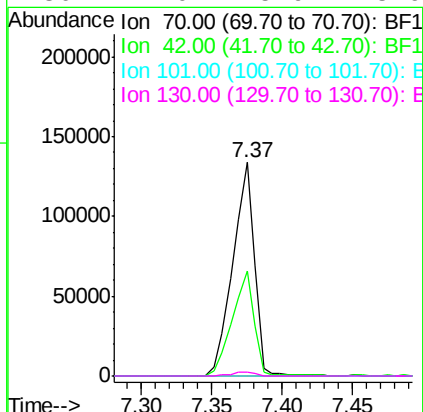
Ion Ratio Lower Upper

70 100

42 49.1 48.3 72.5

101 0.0 7.6 11.4#

130 2.0 15.9 23.9#

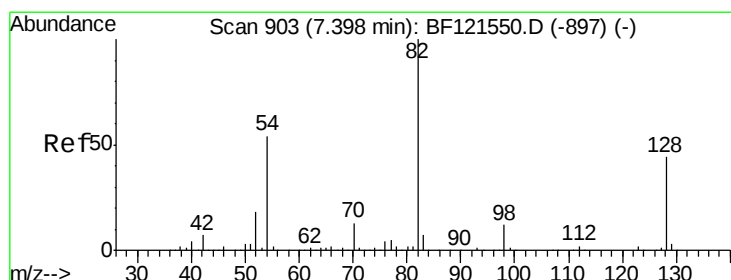
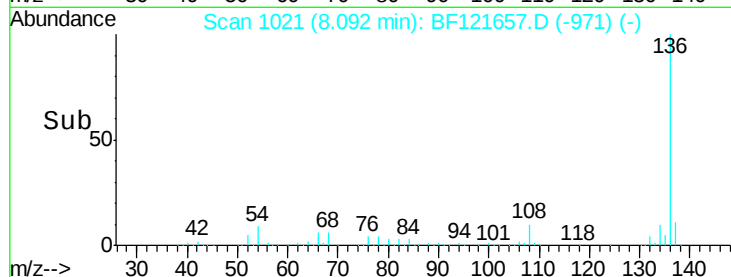
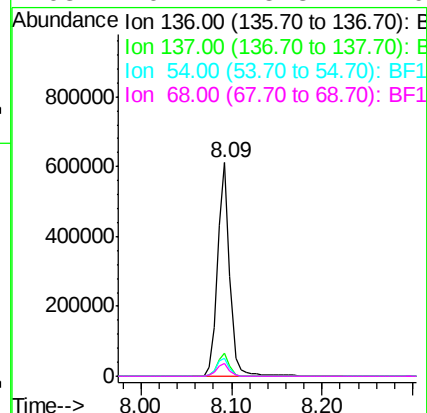
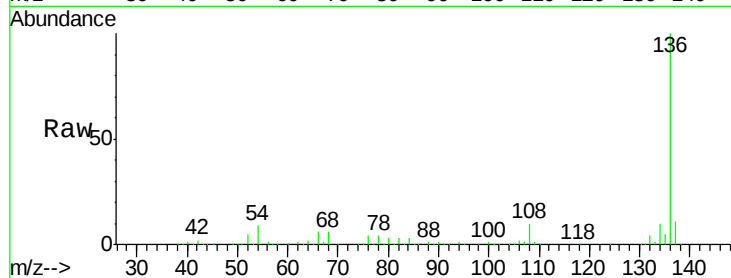




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BF121657.D
Acq: 22 Sep 2020 23:58

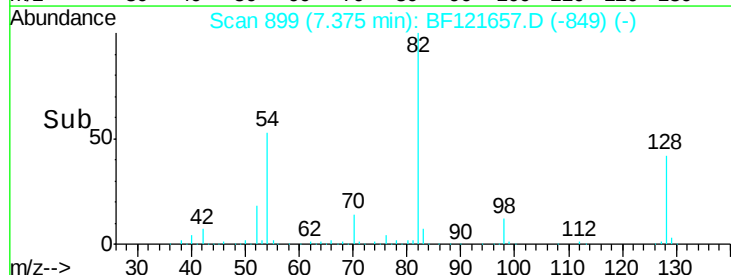
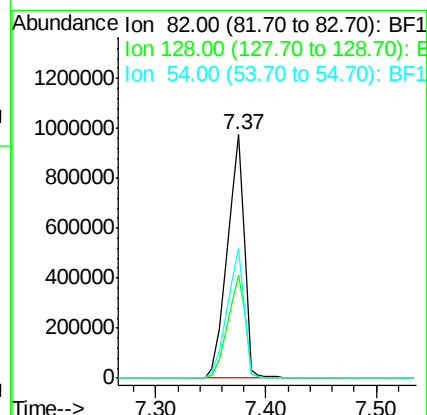
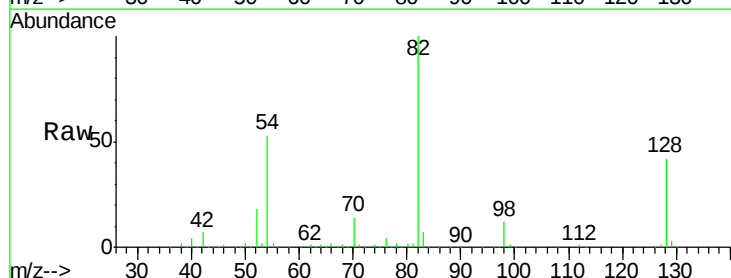
Instrument :
BNA_F
ClientSampleId :
PAV-B29-092120-10-17

Tot Ion:136	Resp: 572087
Ion Ratio	Lower Upper
136 100	
137 10.9	8.9 13.3
54 8.7	7.4 11.0
68 6.1	5.3 7.9



#23
Nitrobenzene-d5
Concen: 99.595 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.01 min
Lab File: BF121657.D
Acq: 22 Sep 2020 23:58

Tgt Ion: 82	Resp: 1061182
Ion Ratio	Lower Upper
82 100	
128 42.4	33.9 50.9
54 53.3	42.9 64.3





#25

Isophorone

Concen: 48.955 ng

RT: 7.37 min Scan# 899

Delta R.T. -0.26 min

Lab File: BF121657.D

Acq: 22 Sep 2020 23:58

Instrument :

BNA_F

ClientSampleId :

PAV-B29-092120-10-17

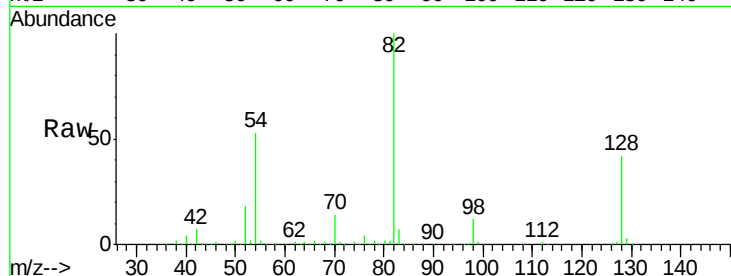
Tot Ion: 82 Resp: 1050009

Ion Ratio Lower Upper

82 100

95 0.0 5.8 8.6#

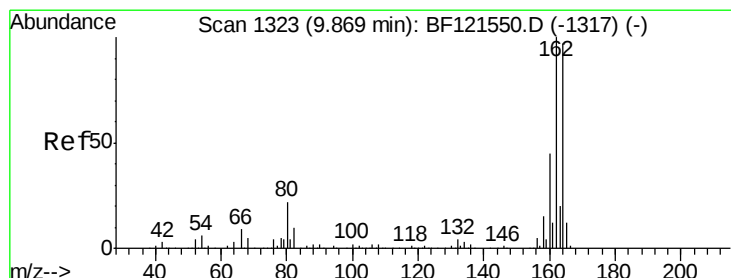
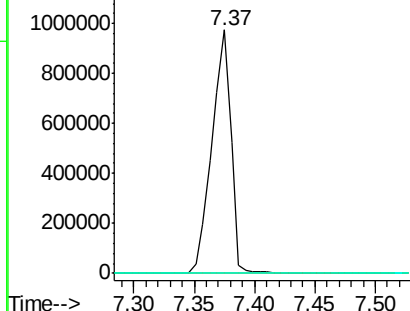
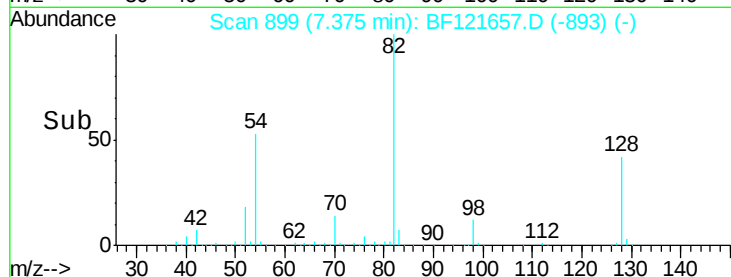
138 0.0 13.2 19.8#



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



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.85 min Scan# 1319

Delta R.T. -0.01 min

Lab File: BF121657.D

Acq: 22 Sep 2020 23:58

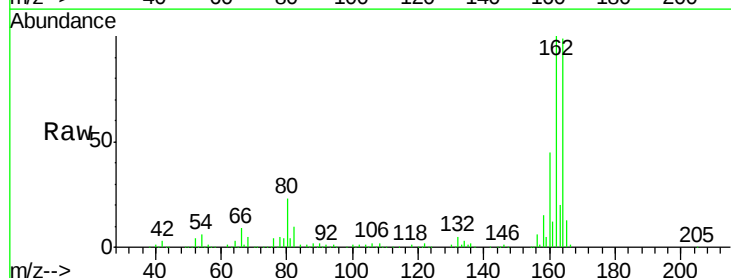
Tgt Ion:164 Resp: 307840

Ion Ratio Lower Upper

164 100

162 101.0 81.2 121.8

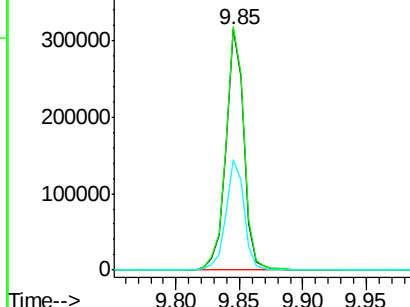
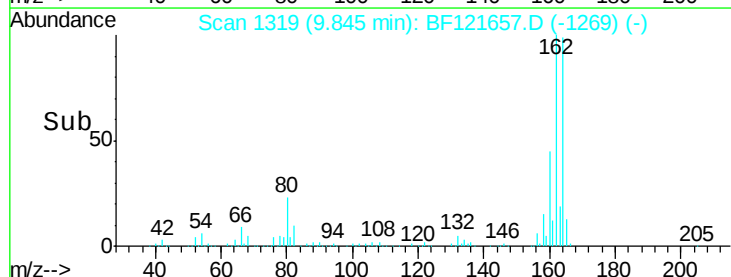
160 45.8 36.2 54.4



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

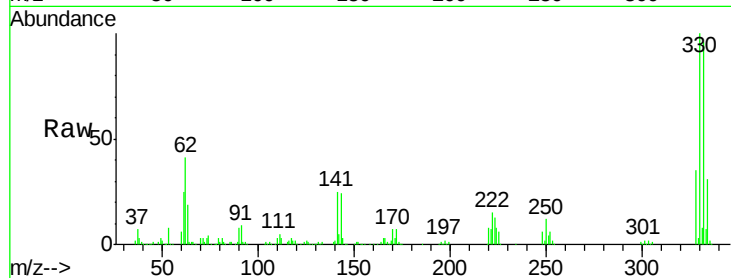




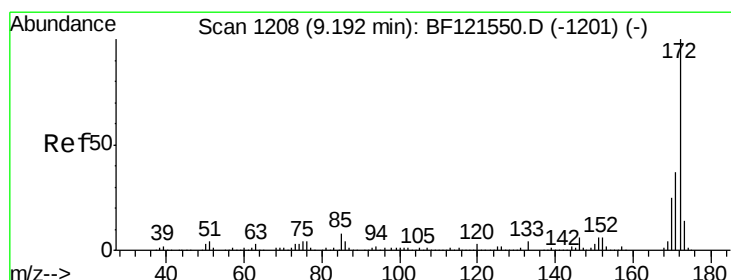
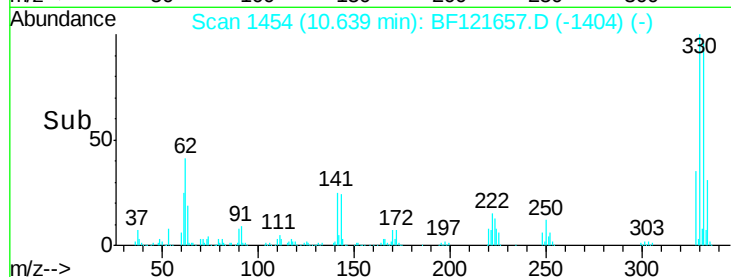
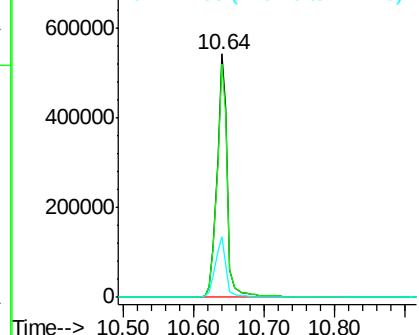
#42
 2,4,6-Tribromophenol
 Concen: 145.832 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. -0.01 min
 Lab File: BF121657.D
 Acq: 22 Sep 2020 23:58

Instrument :
 BNA_F
 ClientSampleId :
 PAV-B29-092120-10-17

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.9	76.9	115.3
141	26.4	22.4	33.6

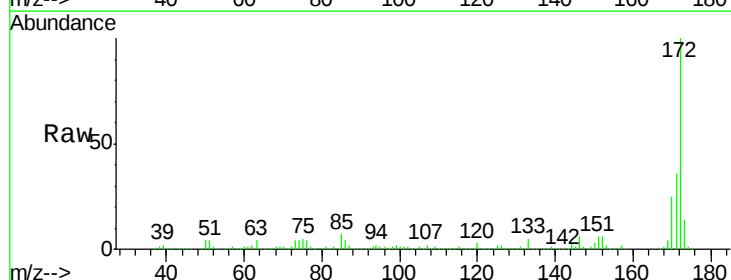


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

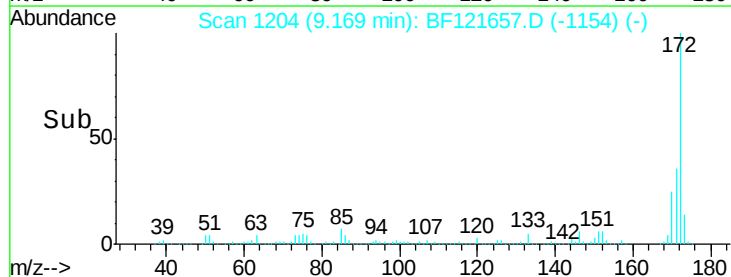
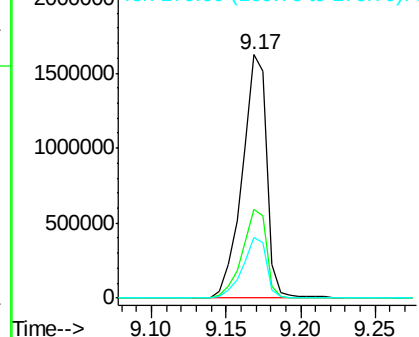


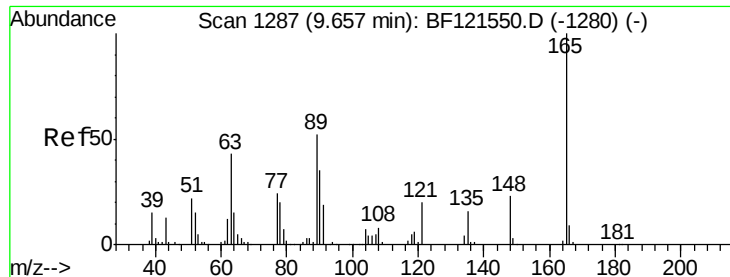
#45
 2-Fluorobiphenyl
 Concen: 91.305 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. -0.01 min
 Lab File: BF121657.D
 Acq: 22 Sep 2020 23:58

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.3	43.9
170	24.7	19.5	29.3



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

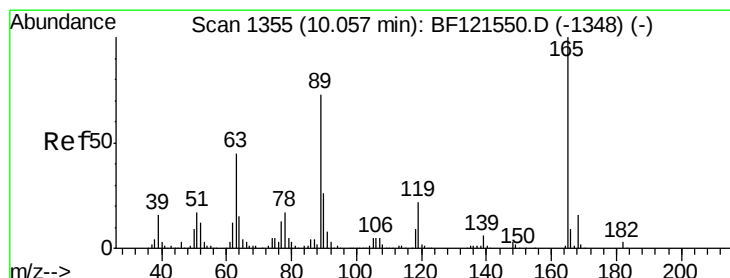
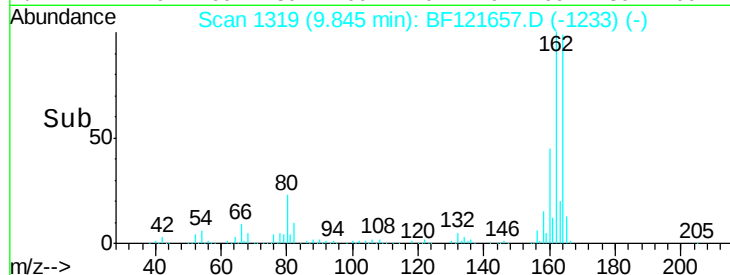
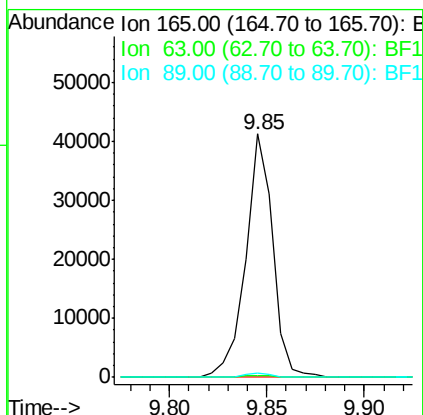
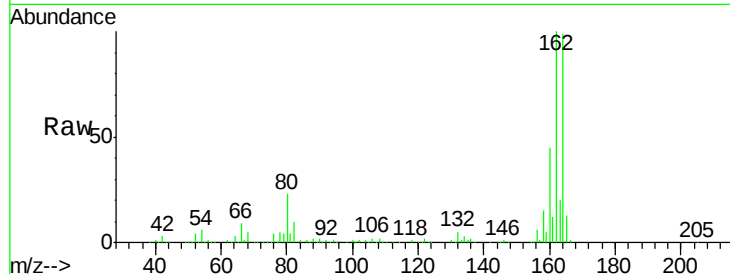




#51
 2,6-Dinitrotoluene
 Concen: 8.339 ng
 RT: 9.85 min Scan# 1319
 Delta R.T. 0.21 min
 Lab File: BF121657.D
 Acq: 22 Sep 2020 23:58

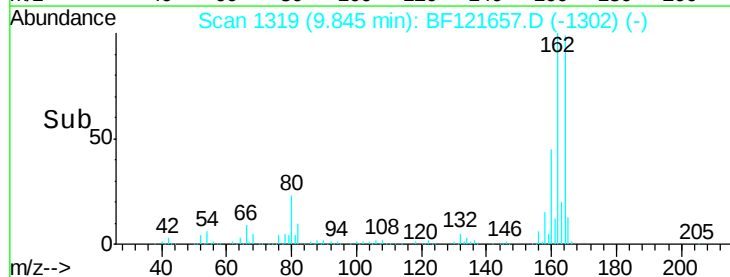
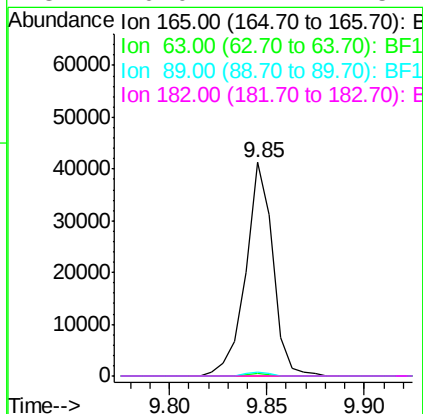
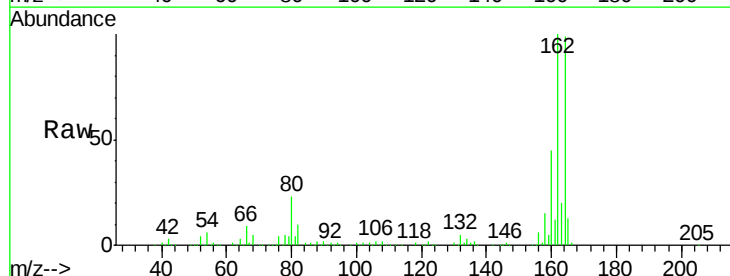
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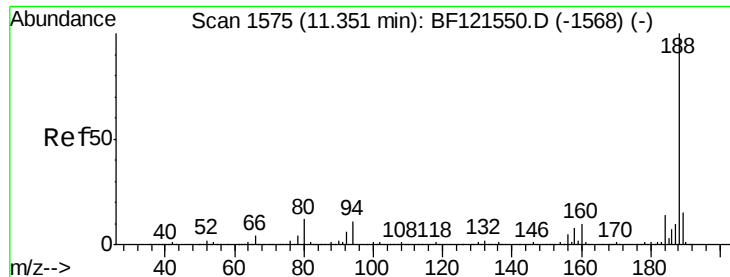
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.0	47.6	71.4#
89	1.7	46.0	69.0#



#57
 2,4-Dinitrotoluene
 Concen: 6.629 ng
 RT: 9.85 min Scan# 1319
 Delta R.T. -0.20 min
 Lab File: BF121657.D
 Acq: 22 Sep 2020 23:58

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.0	36.7	55.1#
89	1.7	57.7	86.5#
182	0.0	2.1	3.1#

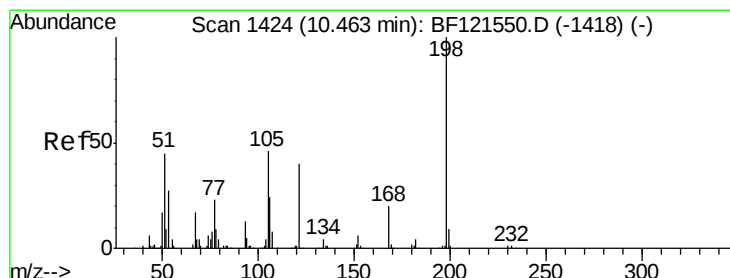
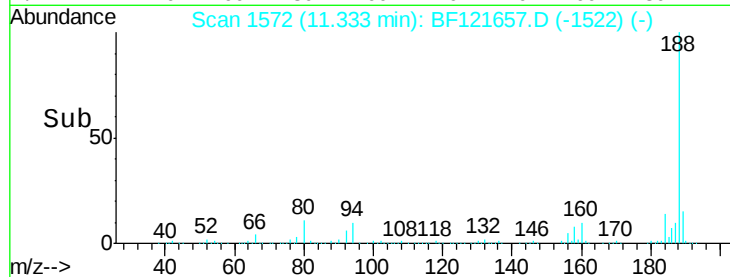
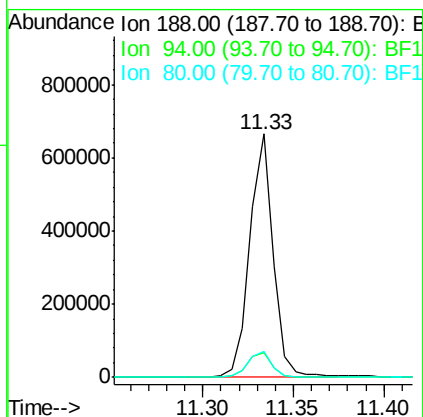
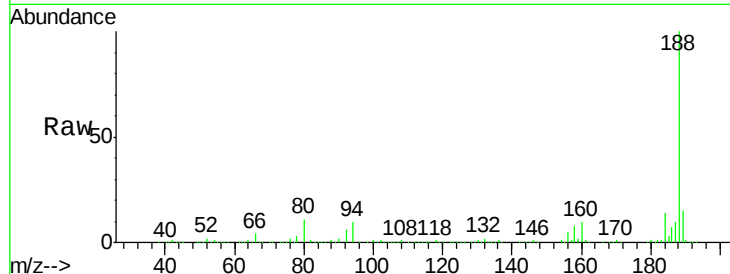




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1572
Delta R.T. -0.01 min
Lab File: BF121657.D
Acq: 22 Sep 2020 23:58

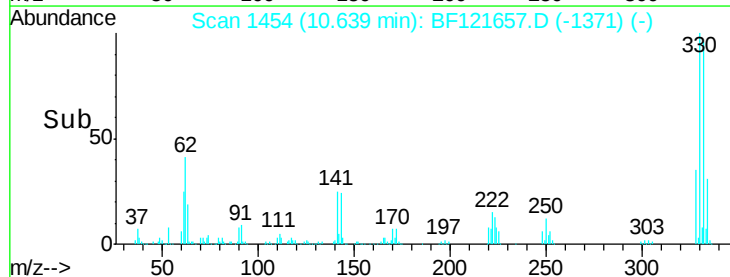
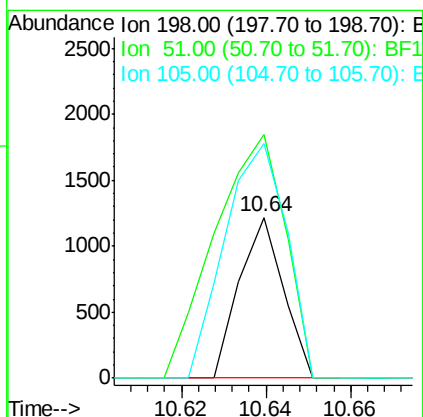
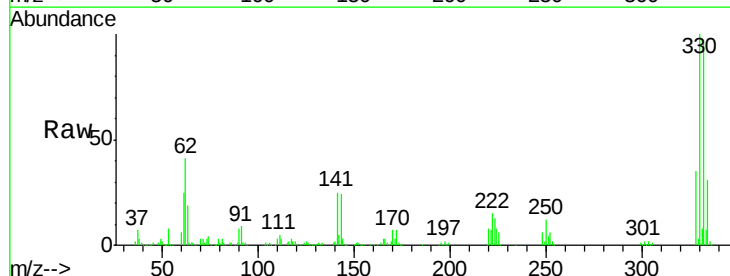
Instrument :
BNA_F
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PAV-B29-092120-10-17

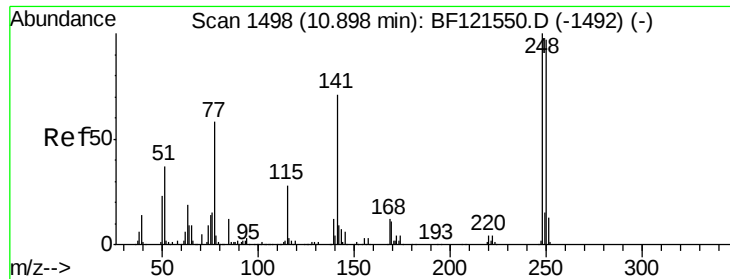
Tot Ion:188 Resp: 595846
Ion Ratio Lower Upper
188 100
94 10.3 8.4 12.6
80 10.7 9.0 13.4



#65
4,6-Dinitro-2-methylphenol
Concen: 7.059 ng
RT: 10.64 min Scan# 1454
Delta R.T. 0.19 min
Lab File: BF121657.D
Acq: 22 Sep 2020 23:58

Tgt Ion:198 Resp: 881
Ion Ratio Lower Upper
198 100
51 151.3 20.3 60.3#
105 146.0 20.2 60.2#

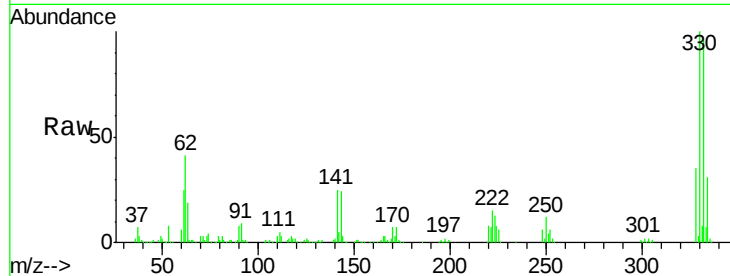




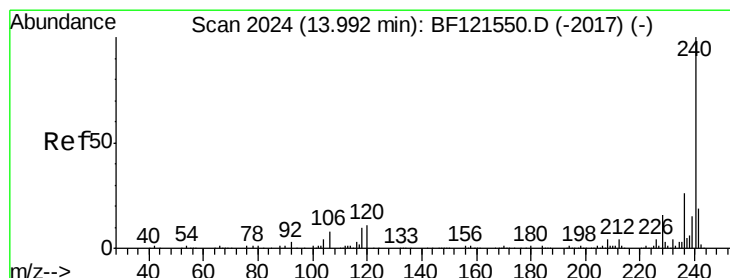
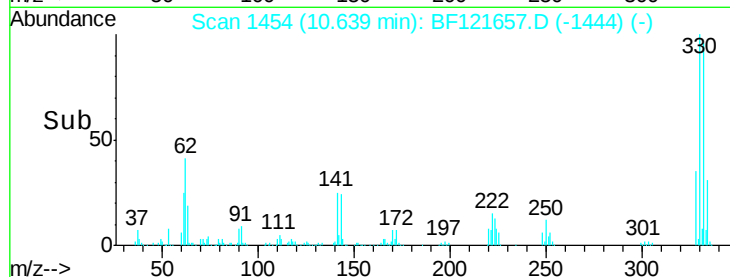
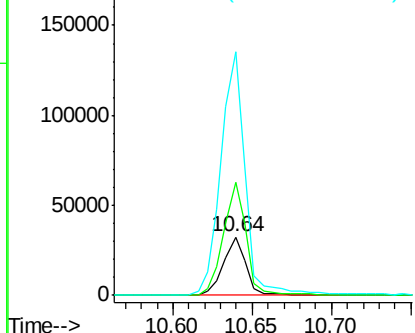
#67
 4-Bromophenyl-phenylether
 Concen: 4.714 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. -0.24 min
 Lab File: BF121657.D
 Acq: 22 Sep 2020 23:58

Instrument :
 BNA_F
 ClientSampleId :
 PAV-B29-092120-10-17

Tot Ion	Ratio	Lower	Upper
248	100		
250	195.1	79.4	119.0#
141	418.6	52.2	78.4#

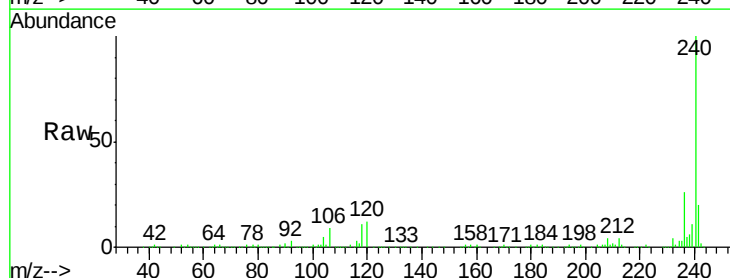


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

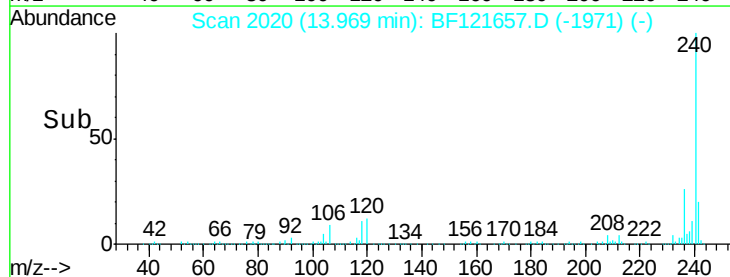
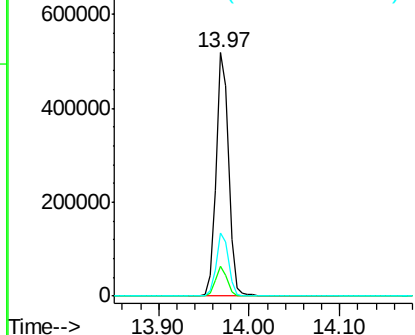


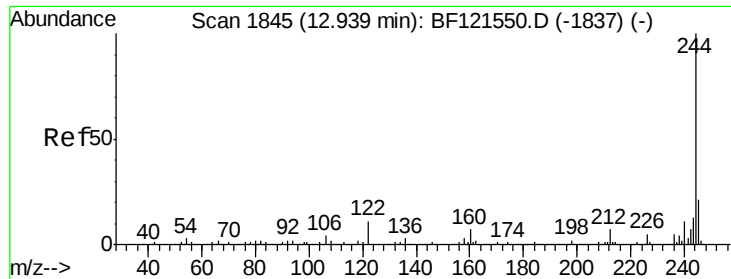
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.97 min Scan# 2020
 Delta R.T. -0.01 min
 Lab File: BF121657.D
 Acq: 22 Sep 2020 23:58

Tgt Ion	Ratio	Lower	Upper
240	100		
120	12.4	9.2	13.8
236	26.0	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

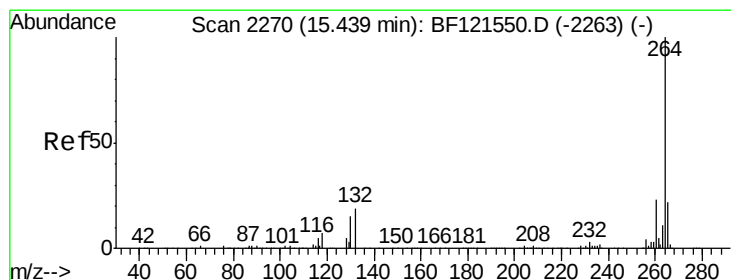
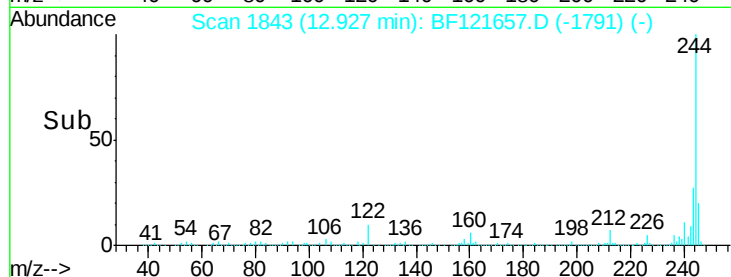
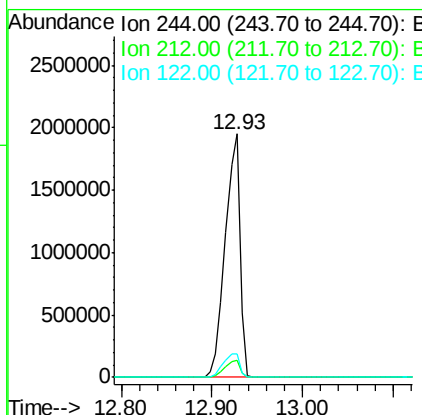
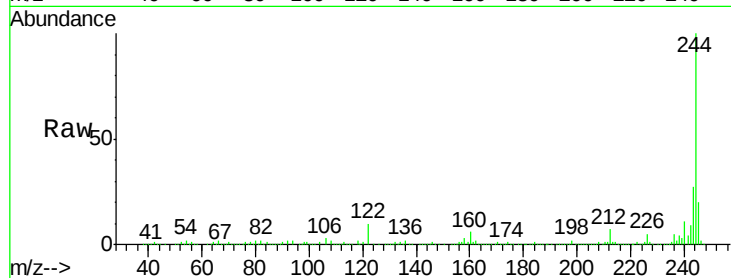




#79
 Terphenyl-d14
 Concen: 89.917 ng
 RT: 12.93 min Scan# 1843
 Delta R.T. 0.01 min
 Lab File: BF121657.D
 Acq: 22 Sep 2020 23:58

Instrument :
 BNA_F
 ClientSampleId :
 PAV-B29-092120-10-17

Tot Ion:244 Resp: 2196806
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.5 8.3
 122 9.7 7.4 11.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.42 min Scan# 2267
 Delta R.T. -0.01 min
 Lab File: BF121657.D
 Acq: 22 Sep 2020 23:58

Tgt Ion:264 Resp: 367179
 Ion Ratio Lower Upper
 264 100
 260 24.0 18.8 28.2
 265 21.4 17.3 25.9

