

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102721\
 Data File : BF125961.D
 Acq On : 27 Oct 2021 13:53
 Operator : JU/CG
 Sample : M4325-02
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RED-BOX-1-225057

Quant Time: Oct 28 08:57:32 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102521.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 25 18:49:16 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

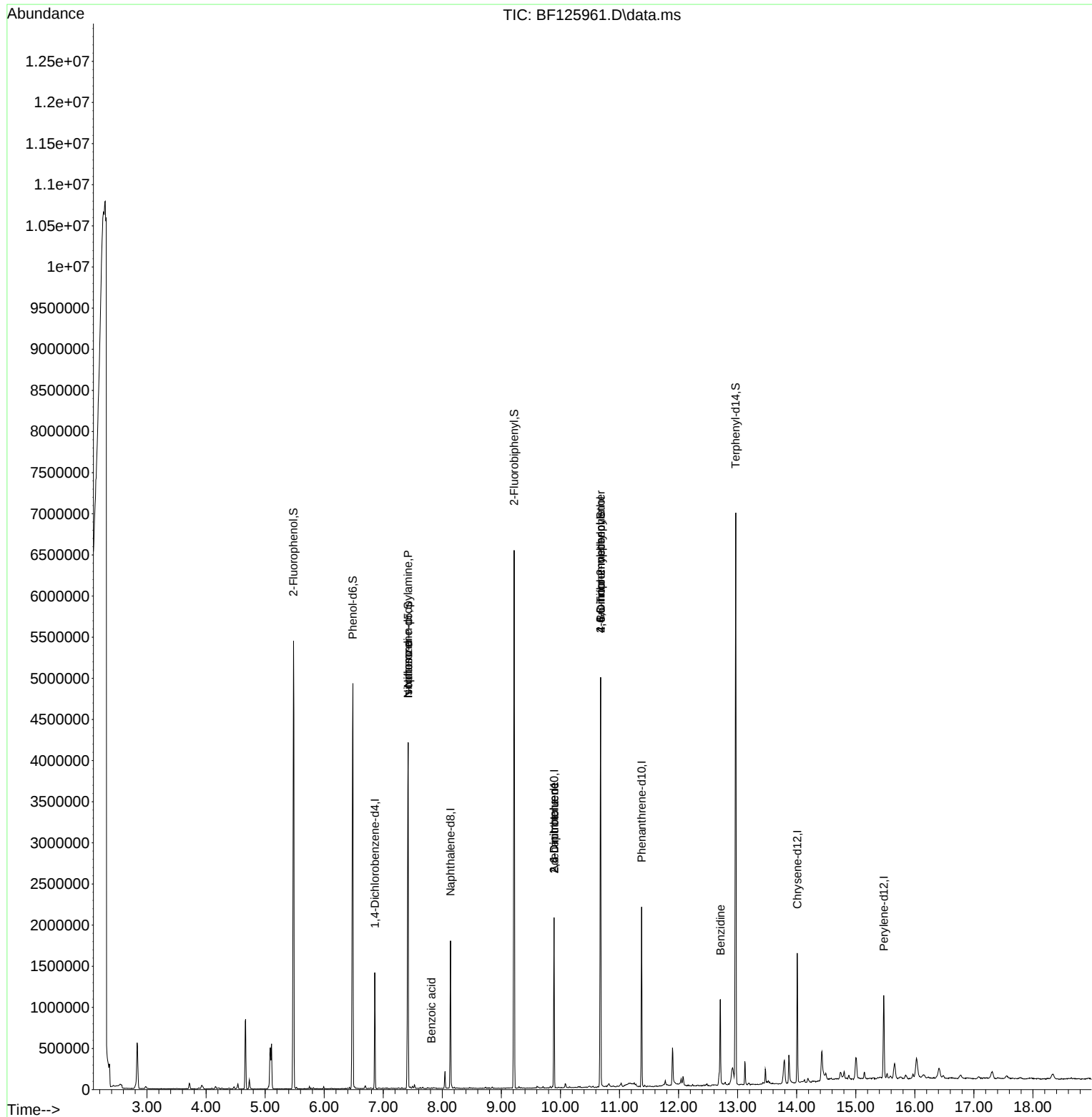
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.857	152	170747	20.000	ng	-0.01
21) Naphthalene-d8	8.139	136	687129	20.000	ng	#-0.02
39) Acenaphthene-d10	9.892	164	386958	20.000	ng	-0.02
64) Phenanthrene-d10	11.374	188	731816	20.000	ng	-0.02
76) Chrysene-d12	14.010	240	504556	20.000	ng	-0.02
86) Perylene-d12	15.474	264	434311	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	1456110	127.025	ng	0.00
7) Phenol-d6	6.487	99	1681531	106.949	ng	0.00
23) Nitrobenzene-d5	7.422	82	1280043	96.225	ng	-0.01
42) 2,4,6-Tribromophenol	10.680	330	535664	158.796	ng	-0.01
45) 2-Fluorobiphenyl	9.216	172	2066887	94.458	ng	-0.02
79) Terphenyl-d14	12.968	244	2497856	80.978	ng	-0.01
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.422	70	176205	19.616	ng	# 61
25) Isophorone	7.422	82	1277550	50.430	ng	# 59
32) Benzoic acid	7.816	122	1207	4.323	ng	# 79
51) 2,6-Dinitrotoluene	9.892	165	50441	10.669	ng	# 28
57) 2,4-Dinitrotoluene	9.892	165	50441	8.686	ng	# 20
58) Fluorene	10.433	166	1072	Below Cal	#	94
65) 4,6-Dinitro-2-methylph...	10.680	198	1486	6.469	ng	# 1
67) 4-Bromophenyl-phenylether	10.680	248	35007	4.478	ng	# 1
77) Benzidine	12.710	184	400835	25.468	ng	99

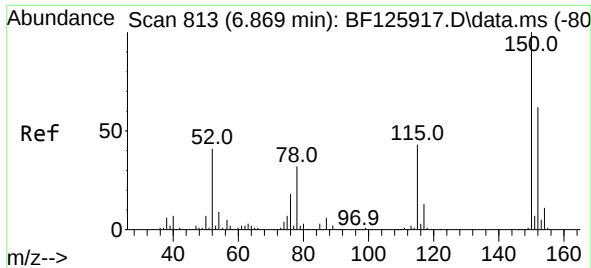
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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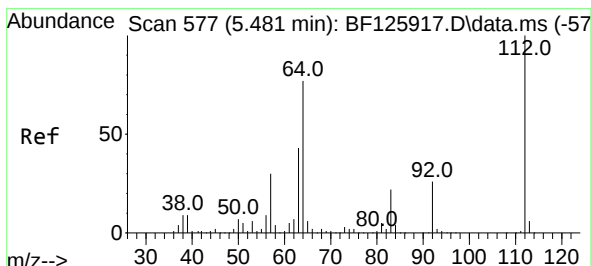
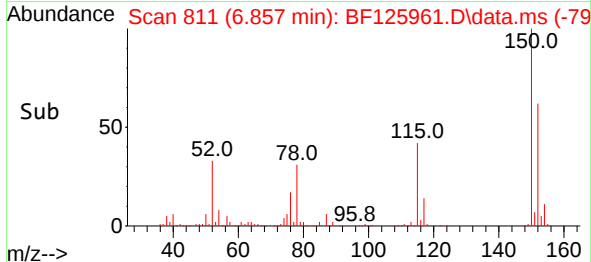
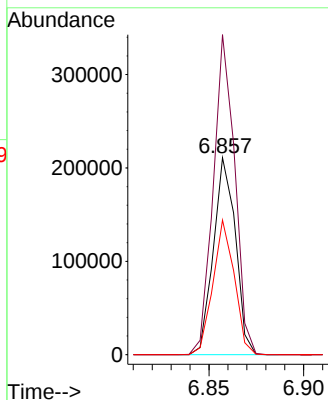
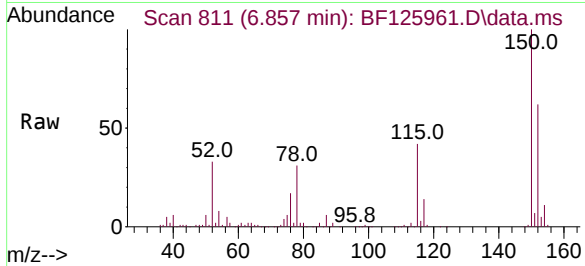




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.857 min Scan# 811
Delta R.T. -0.012 min
Lab File: BF125961.D
Acq: 27 Oct 2021 13:53

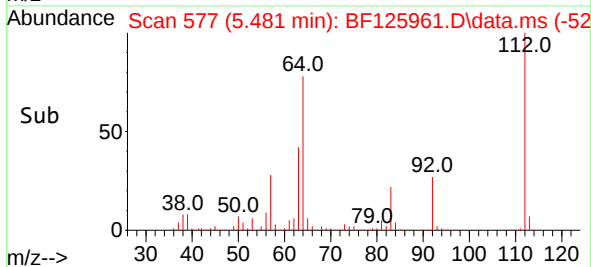
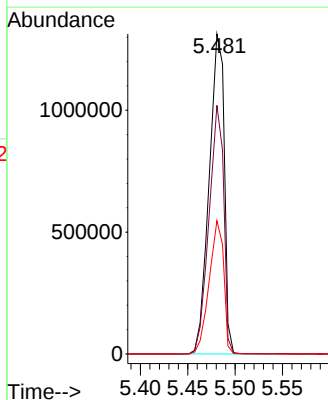
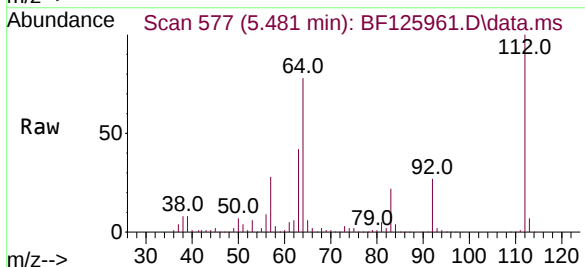
Instrument :
BNA_F
ClientSampleId :
RED-BOX-1-225057

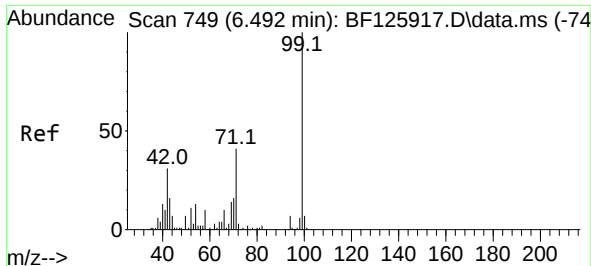
Tgt Ion:152 Resp: 170747
Ion Ratio Lower Upper
152 100
150 162.5 117.6 176.4
115 68.3 47.1 70.7



#5
2-Fluorophenol
Concen: 127.025 ng
RT: 5.481 min Scan# 577
Delta R.T. 0.000 min
Lab File: BF125961.D
Acq: 27 Oct 2021 13:53

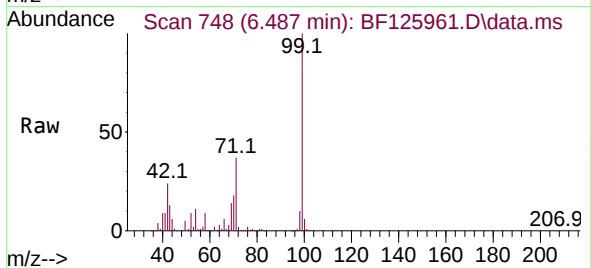
Tgt Ion:112 Resp: 1456110
Ion Ratio Lower Upper
112 100
64 77.7 44.2 66.2#
63 41.7 26.2 39.2#





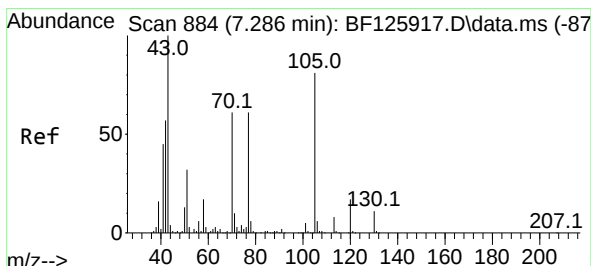
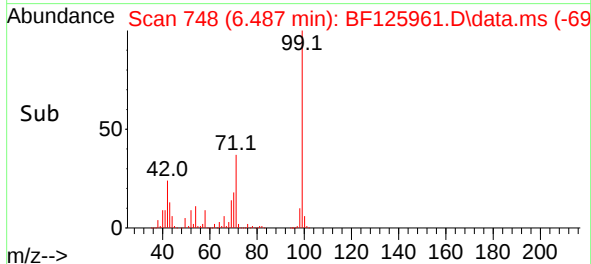
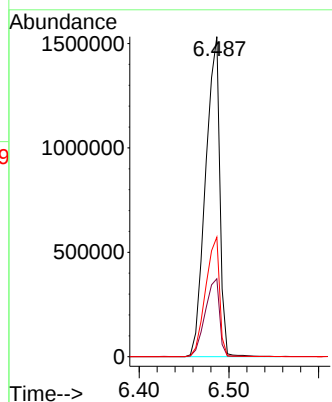
#7
Phenol-d6
Concen: 106.949 ng
RT: 6.487 min Scan# 748
Delta R.T. -0.006 min
Lab File: BF125961.D
Acq: 27 Oct 2021 13:53

Instrument :
BNA_F
ClientSampleId :
RED-BOX-1-225057

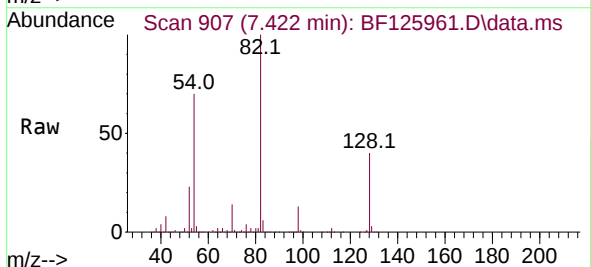


Tgt Ion: 99 Resp: 1681531

Ion	Ratio	Lower	Upper
99	100		
42	24.3	23.5	35.3
71	37.4	25.6	38.4

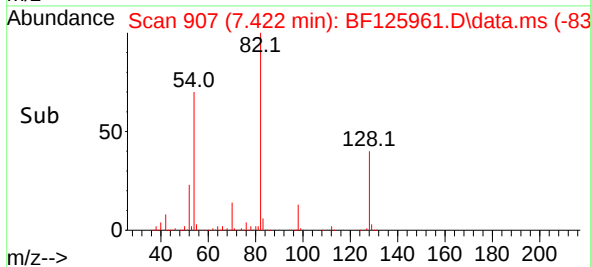
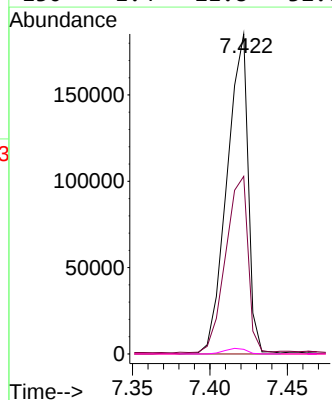


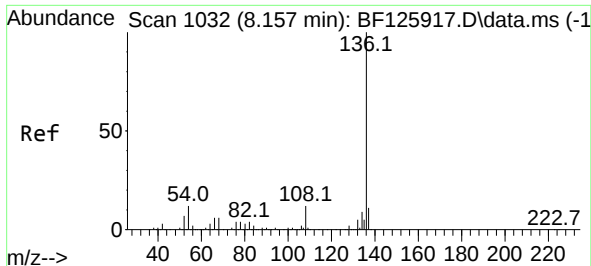
#19
n-Nitroso-di-n-propylamine
Concen: 19.616 ng
RT: 7.422 min Scan# 907
Delta R.T. 0.135 min
Lab File: BF125961.D
Acq: 27 Oct 2021 13:53



Tgt Ion: 70 Resp: 176205

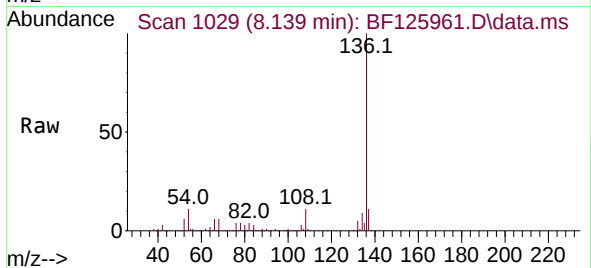
Ion	Ratio	Lower	Upper
70	100		
42	55.5	72.2	108.2#
101	0.0	7.8	11.8#
130	1.4	21.8	32.6#



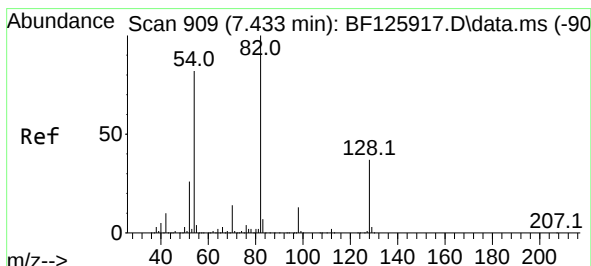
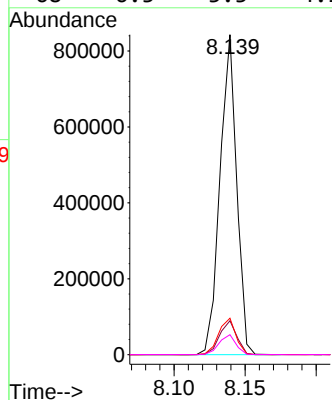
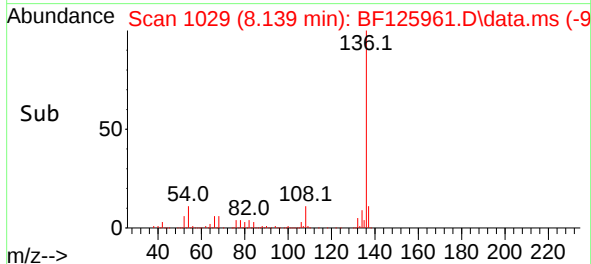


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.139 min Scan# 1029
Delta R.T. -0.018 min
Lab File: BF125961.D
Acq: 27 Oct 2021 13:53

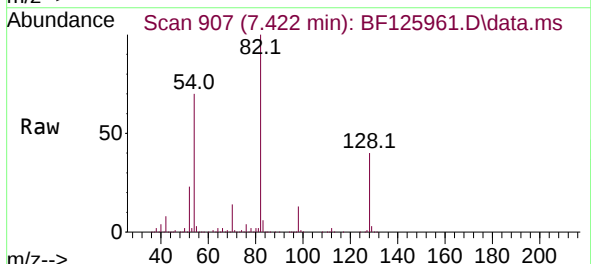
Instrument :
BNA_F
ClientSampleId :
RED-BOX-1-225057



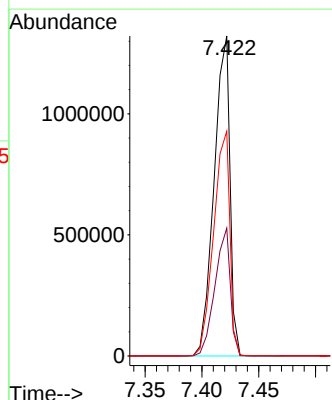
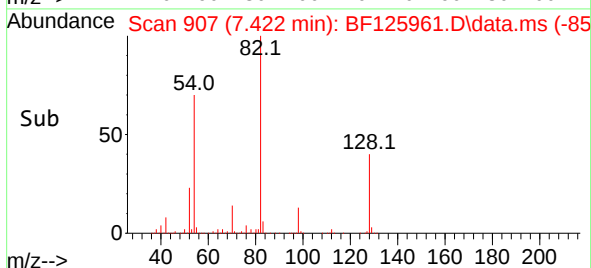
Tgt Ion:136 Resp: 687129
Ion Ratio Lower Upper
136 100
137 10.6 9.8 14.6
54 11.4 6.4 9.6#
68 6.3 3.3 4.9#

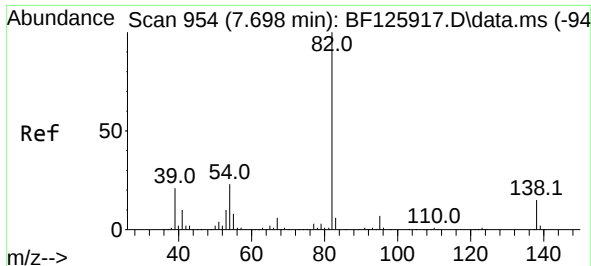


#23
Nitrobenzene-d5
Concen: 96.225 ng
RT: 7.422 min Scan# 907
Delta R.T. -0.012 min
Lab File: BF125961.D
Acq: 27 Oct 2021 13:53



Tgt Ion: 82 Resp: 1280043
Ion Ratio Lower Upper
82 100
128 40.0 40.6 60.8#
54 70.3 49.6 74.4

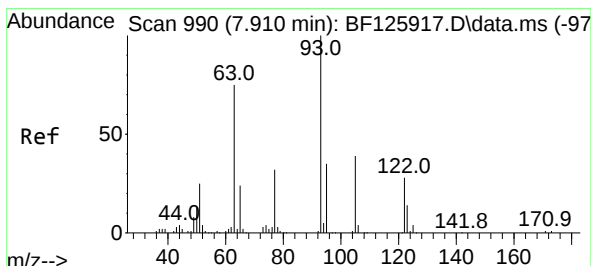
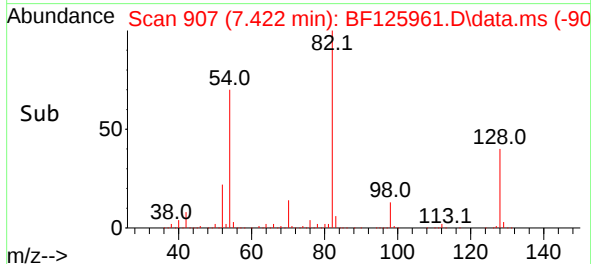
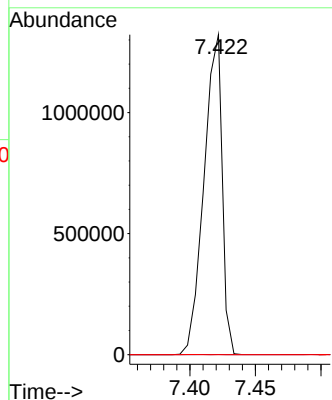
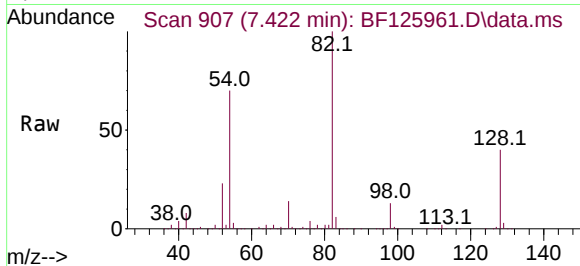




#25
Isophorone
Concen: 50.430 ng
RT: 7.422 min Scan# 907
Delta R.T. -0.276 min
Lab File: BF125961.D
Acq: 27 Oct 2021 13:53

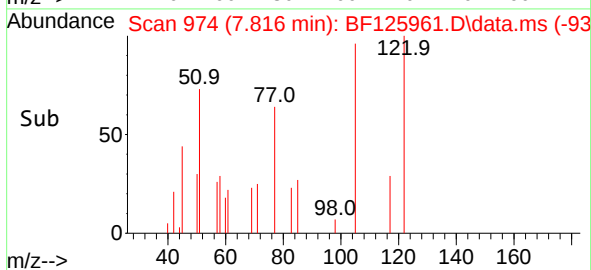
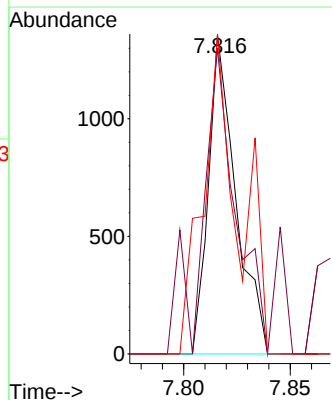
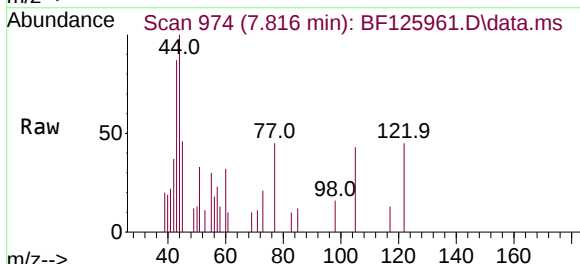
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RED-BOX-1-225057

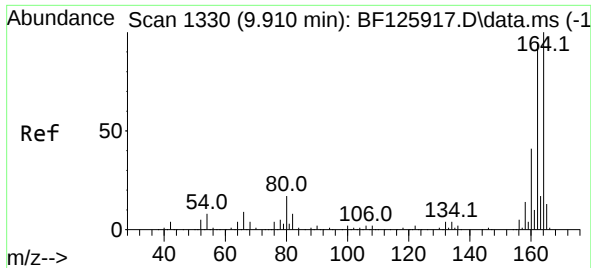
Tgt Ion: 82 Resp: 1277550
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#



#32
Benzoic acid
Concen: 4.323 ng
RT: 7.816 min Scan# 974
Delta R.T. -0.094 min
Lab File: BF125961.D
Acq: 27 Oct 2021 13:53

Tgt Ion:122 Resp: 1207
Ion Ratio Lower Upper
122 100
105 95.7 97.6 137.6#
77 100.2 59.6 99.6#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.892 min Scan# 1327

Delta R.T. -0.018 min

Lab File: BF125961.D

Acq: 27 Oct 2021 13:53

Instrument :

BNA_F

ClientSampleId :

RED-BOX-1-225057

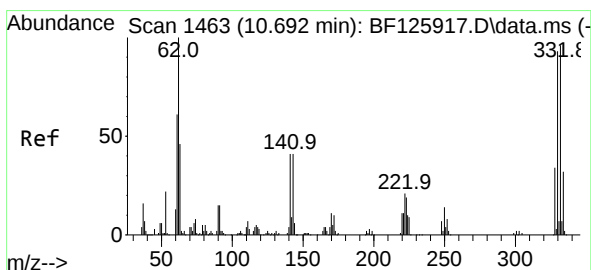
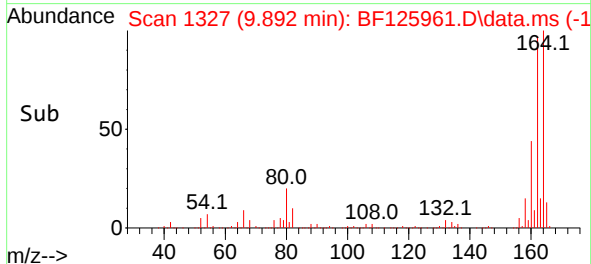
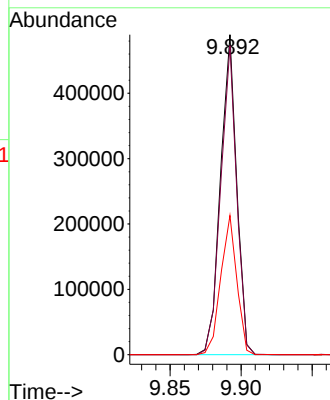
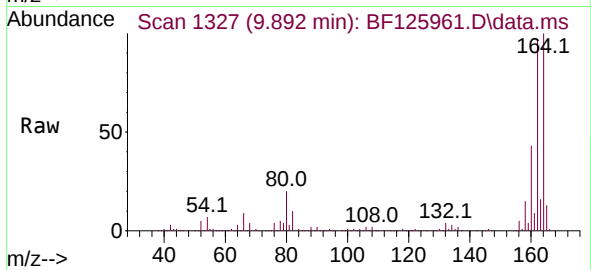
Tgt Ion:164 Resp: 386958

Ion Ratio Lower Upper

164 100

162 96.5 81.3 121.9

160 43.5 38.0 57.0



#42

2,4,6-Tribromophenol

Concen: 158.796 ng

RT: 10.680 min Scan# 1461

Delta R.T. -0.012 min

Lab File: BF125961.D

Acq: 27 Oct 2021 13:53

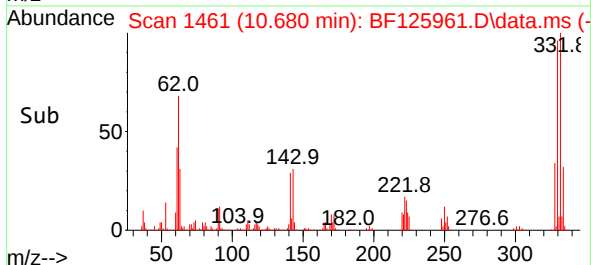
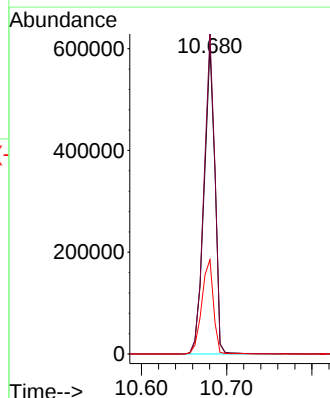
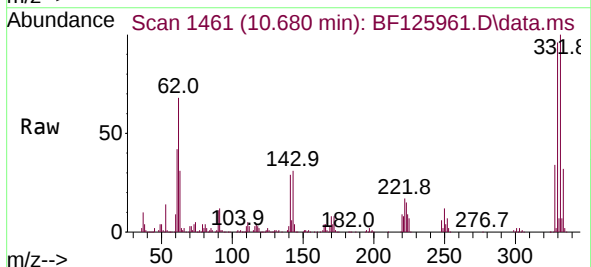
Tgt Ion:330 Resp: 535664

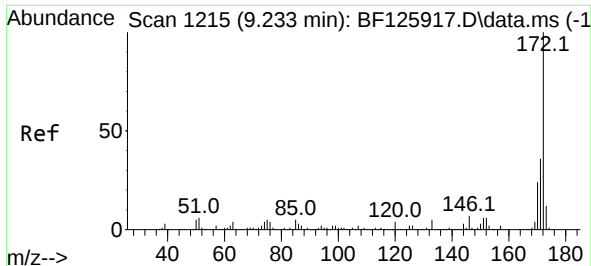
Ion Ratio Lower Upper

330 100

332 103.7 76.2 114.4

141 32.8 44.6 66.8#

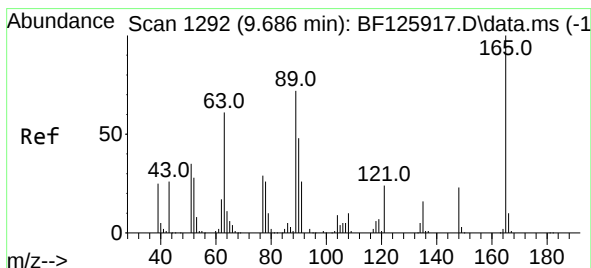
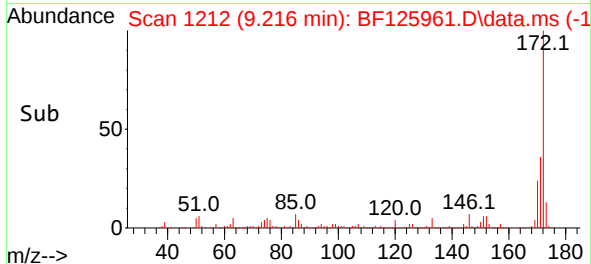
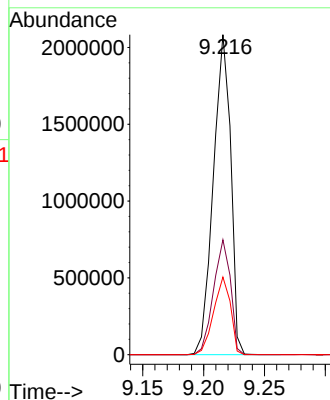
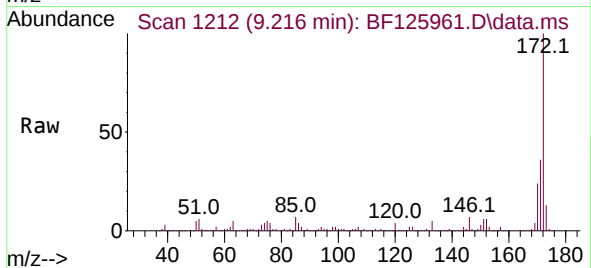




#45
2-Fluorobiphenyl
Concen: 94.458 ng
RT: 9.216 min Scan# 1212
Delta R.T. -0.018 min
Lab File: BF125961.D
Acq: 27 Oct 2021 13:53

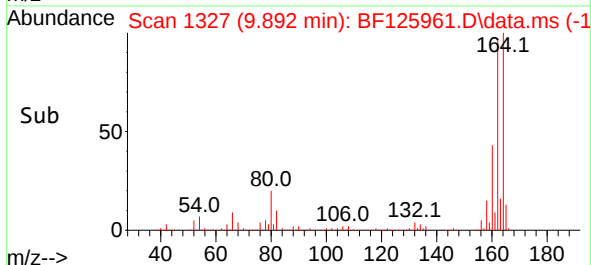
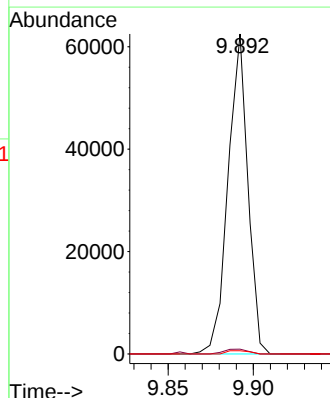
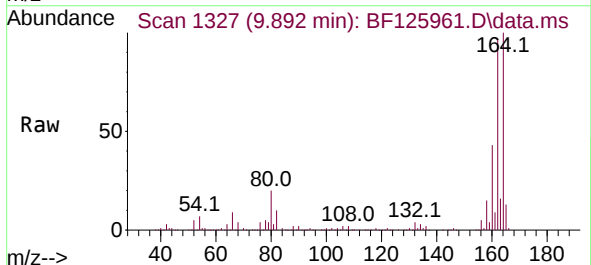
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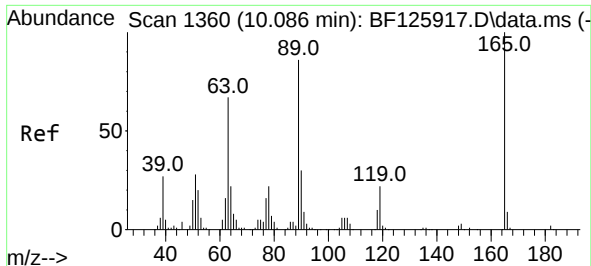
Tgt Ion:172 Resp: 2066887
Ion Ratio Lower Upper
172 100
171 35.9 26.5 39.7
170 24.2 18.8 28.2



#51
2,6-Dinitrotoluene
Concen: 10.669 ng
RT: 9.892 min Scan# 1327
Delta R.T. 0.206 min
Lab File: BF125961.D
Acq: 27 Oct 2021 13:53

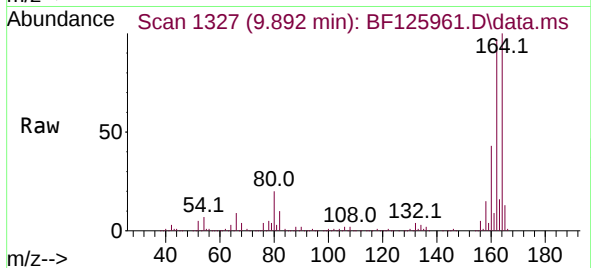
Tgt Ion:165 Resp: 50441
Ion Ratio Lower Upper
165 100
63 1.5 42.6 63.8#
89 1.0 40.6 60.8#



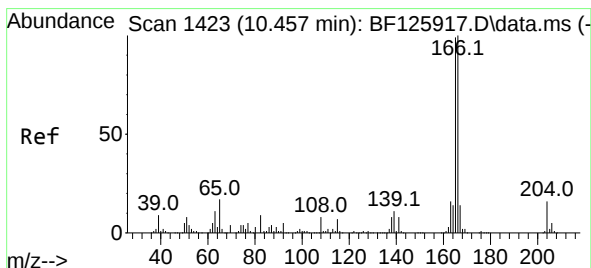
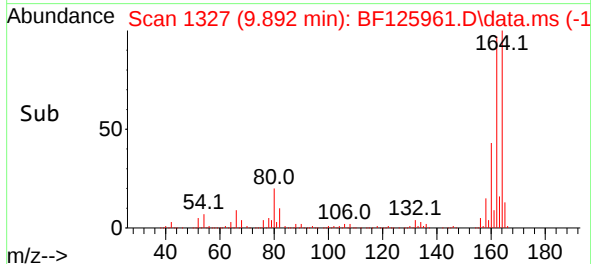
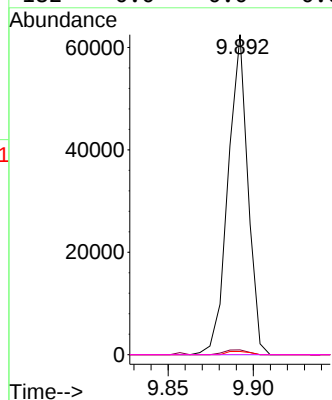


#57
2,4-Dinitrotoluene
Concen: 8.686 ng
RT: 9.892 min Scan# 1327
Delta R.T. -0.194 min
Lab File: BF125961.D
Acq: 27 Oct 2021 13:53

Instrument :
BNA_F
ClientSampleId :
RED-BOX-1-225057

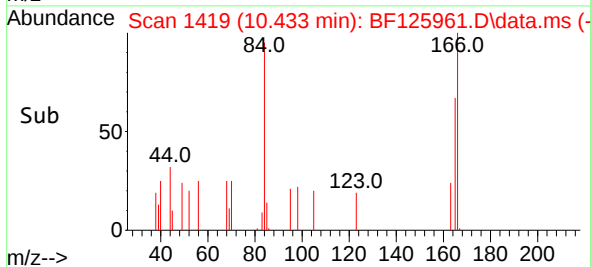
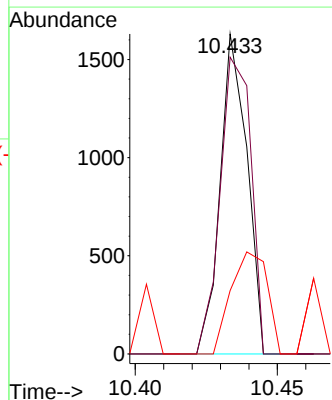
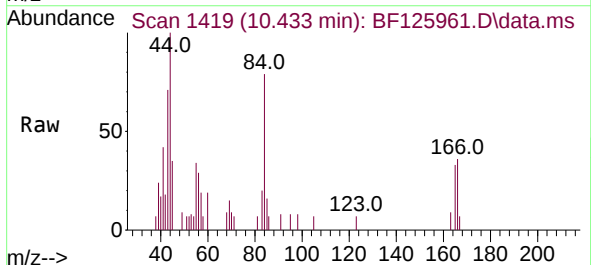


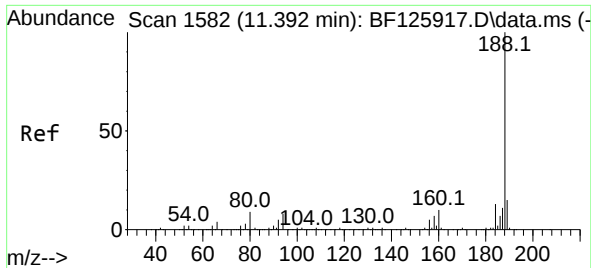
Tgt Ion:165 Resp: 50441
Ion Ratio Lower Upper
165 100
63 1.5 40.9 61.3#
89 1.0 59.7 89.5#
182 0.0 0.0 0.0



#58
Fluorene
Concen: Below Cal
RT: 10.433 min Scan# 1419
Delta R.T. -0.024 min
Lab File: BF125961.D
Acq: 27 Oct 2021 13:53

Tgt Ion:166 Resp: 1072
Ion Ratio Lower Upper
166 100
165 92.8 78.1 117.1
167 19.8 11.1 16.7#

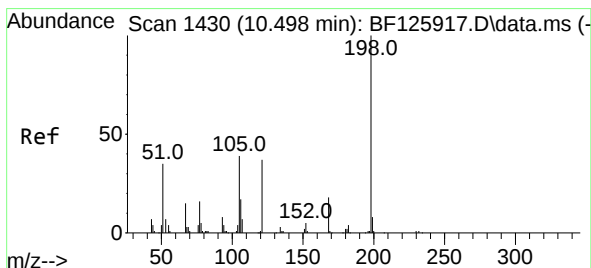
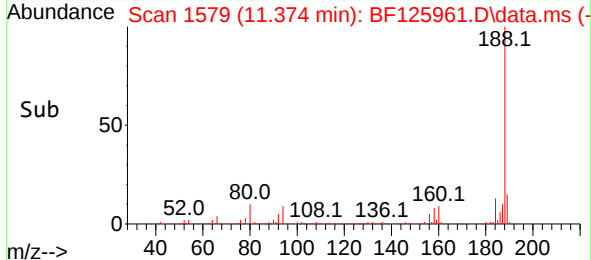
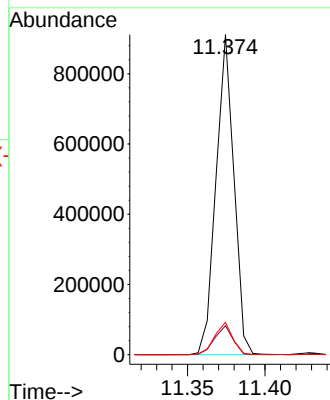
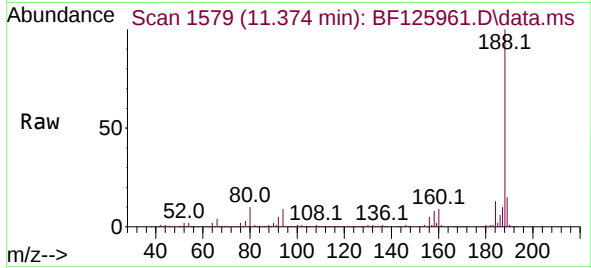




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.374 min Scan# 1579
Delta R.T. -0.018 min
Lab File: BF125961.D
Acq: 27 Oct 2021 13:53

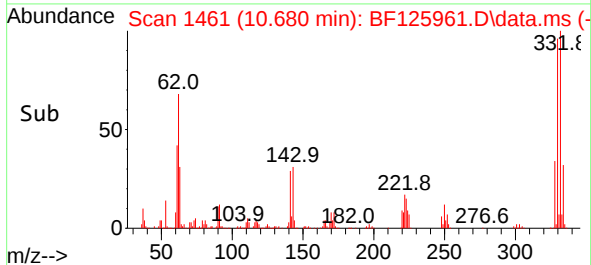
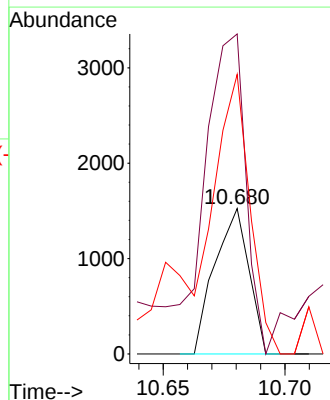
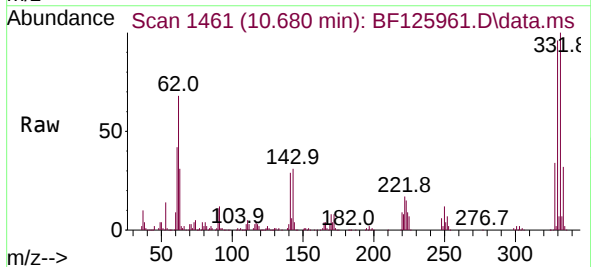
Instrument :
BNA_F
ClientSampleId :
RED-BOX-1-225057

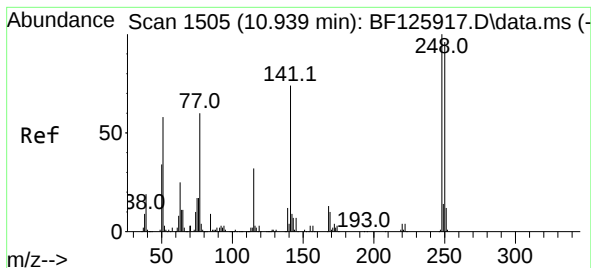
Tgt Ion:188 Resp: 731816
Ion Ratio Lower Upper
188 100
94 9.1 6.7 10.1
80 10.1 7.5 11.3



#65
4,6-Dinitro-2-methylphenol
Concen: 6.469 ng
RT: 10.680 min Scan# 1461
Delta R.T. 0.182 min
Lab File: BF125961.D
Acq: 27 Oct 2021 13:53

Tgt Ion:198 Resp: 1486
Ion Ratio Lower Upper
198 100
51 220.0 45.3 85.3#
105 192.2 30.6 70.6#

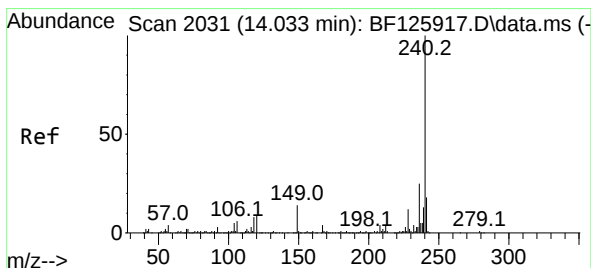
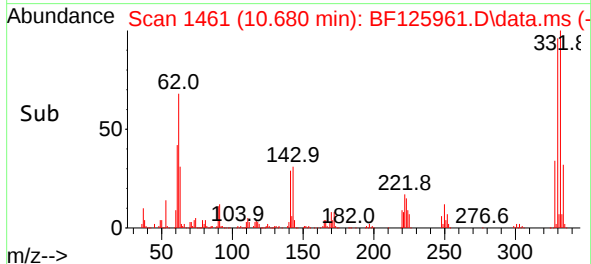
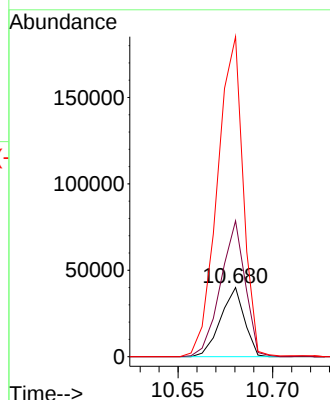
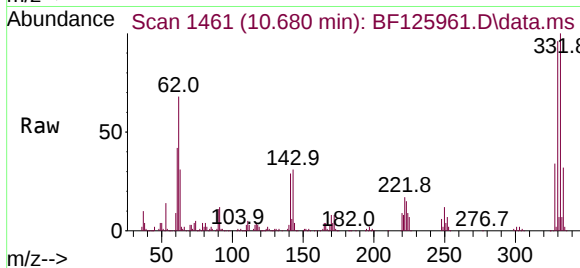




#67
4-Bromophenyl-phenylether
Concen: 4.478 ng
RT: 10.680 min Scan# 1461
Delta R.T. -0.259 min
Lab File: BF125961.D
Acq: 27 Oct 2021 13:53

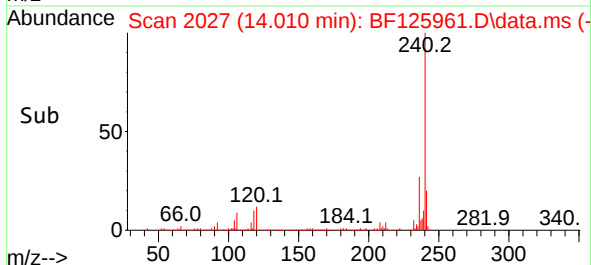
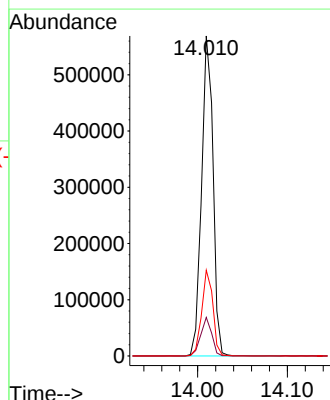
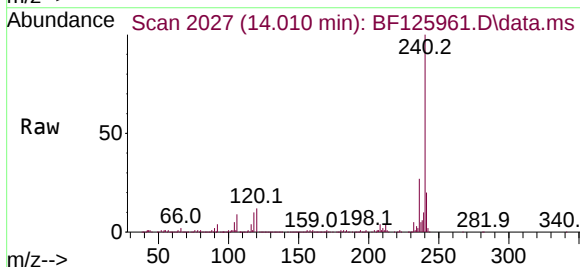
Instrument :
BNA_F
ClientSampleId :
RED-BOX-1-225057

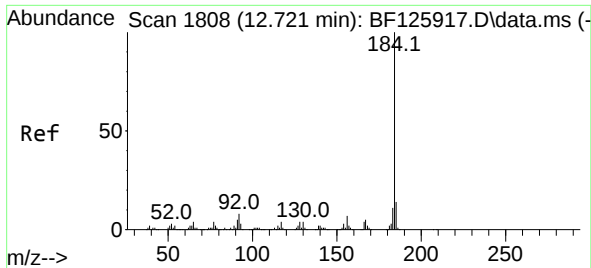
Tgt Ion:248 Resp: 35007
Ion Ratio Lower Upper
248 100
250 196.6 74.2 111.4#
141 463.0 60.4 90.6#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.010 min Scan# 2027
Delta R.T. -0.023 min
Lab File: BF125961.D
Acq: 27 Oct 2021 13:53

Tgt Ion:240 Resp: 504556
Ion Ratio Lower Upper
240 100
120 12.1 10.8 16.2
236 26.8 21.6 32.4

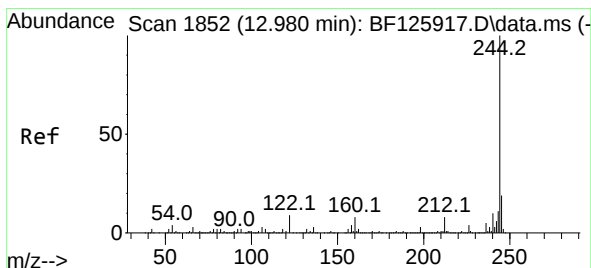
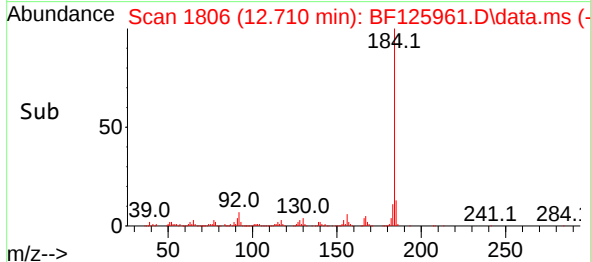
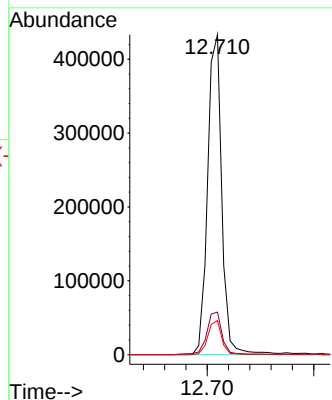
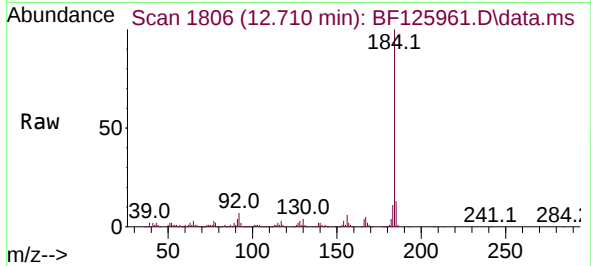




#77
Benzidine
Concen: 25.468 ng
RT: 12.710 min Scan# 1806
Delta R.T. -0.012 min
Lab File: BF125961.D
Acq: 27 Oct 2021 13:53

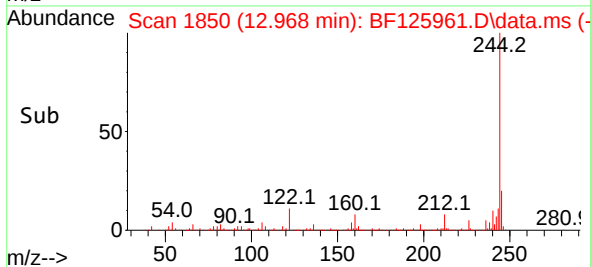
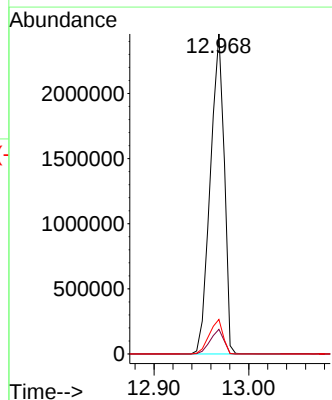
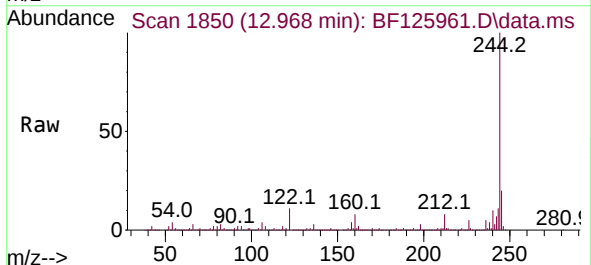
Instrument :
BNA_F
ClientSampleId :
RED-BOX-1-225057

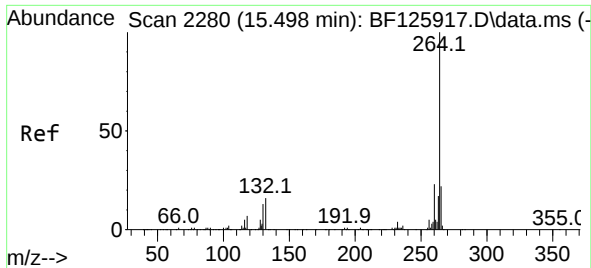
Tgt Ion:184 Resp: 400835
Ion Ratio Lower Upper
184 100
185 13.3 10.8 16.2
183 10.7 8.1 12.1



#79
Terphenyl-d14
Concen: 80.978 ng
RT: 12.968 min Scan# 1850
Delta R.T. -0.012 min
Lab File: BF125961.D
Acq: 27 Oct 2021 13:53

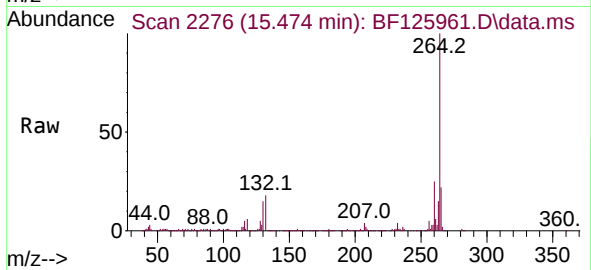
Tgt Ion:244 Resp: 2497856
Ion Ratio Lower Upper
244 100
212 7.7 5.9 8.9
122 10.8 9.0 13.4





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.474 min Scan# 2276
 Delta R.T. -0.023 min
 Lab File: BF125961.D
 Acq: 27 Oct 2021 13:53

Instrument :
 BNA_F
 ClientSampleId :
 RED-BOX-1-225057



Tgt Ion:264 Resp: 434311

Ion	Ratio	Lower	Upper
264	100		
260	24.9	19.6	29.4
265	21.7	17.2	25.8

