

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102721\
 Data File : BF125964.D
 Acq On : 27 Oct 2021 15:30
 Operator : JU/CG
 Sample : M4325-04
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RED-BOX-2-1934

Quant Time: Oct 28 08:58:24 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)

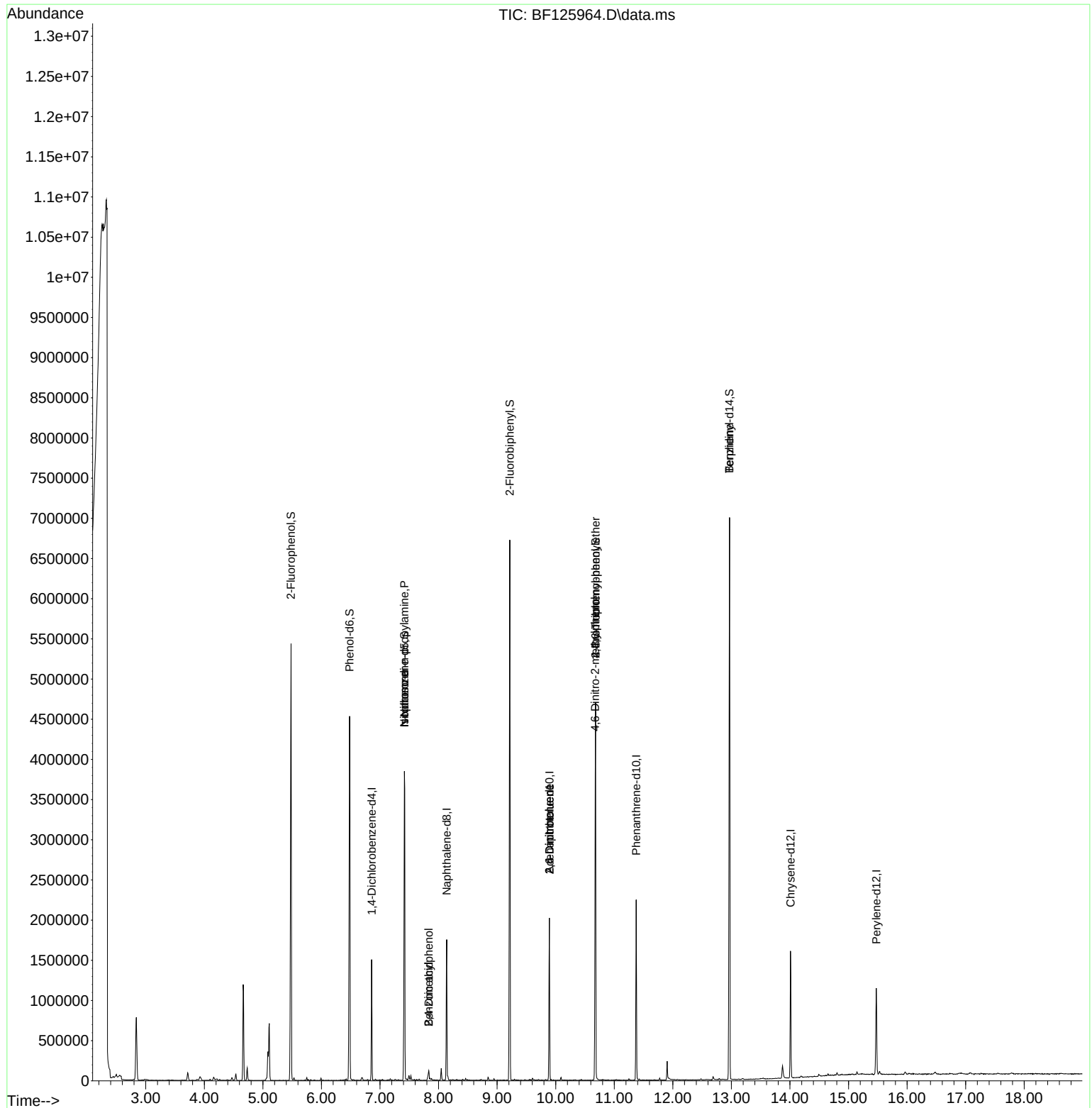
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.857	152	170327	20.000	ng	-0.01
21) Naphthalene-d8	8.139	136	690999	20.000	ng	#-0.02
39) Acenaphthene-d10	9.892	164	391538	20.000	ng	-0.02
64) Phenanthrene-d10	11.374	188	755156	20.000	ng	-0.02
76) Chrysene-d12	14.010	240	518446	20.000	ng	-0.02
86) Perylene-d12	15.474	264	453271	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	1350658	118.116	ng	0.00
7) Phenol-d6	6.481	99	1541937	98.313	ng	-0.01
23) Nitrobenzene-d5	7.416	82	1241732	92.822	ng	-0.02
42) 2,4,6-Tribromophenol	10.680	330	519255	152.131	ng	-0.01
45) 2-Fluorobiphenyl	9.216	172	1991371	89.943	ng	-0.02
79) Terphenyl-d14	12.968	244	2541263	80.178	ng	-0.01
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.416	70	169325	18.896	ng	# 65
25) Isophorone	7.416	82	1237496	48.575	ng	# 59
27) 2,4-Dimethylphenol	7.833	122	30413	3.058	ng	# 7
32) Benzoic acid	7.833	122	30413	7.996	ng	# 69
51) 2,6-Dinitrotoluene	9.892	165	49260	10.297	ng	# 28
57) 2,4-Dinitrotoluene	9.892	165	49260	8.383	ng	# 20
58) Fluorene	10.433	166	2555	Below Cal		87
65) 4,6-Dinitro-2-methylph...	10.674	198	1460	6.450	ng	# 1
67) 4-Bromophenyl-phenylether	10.680	248	35659	4.420	ng	# 1
77) Benzidine	12.968	184	34008	2.103	ng	96

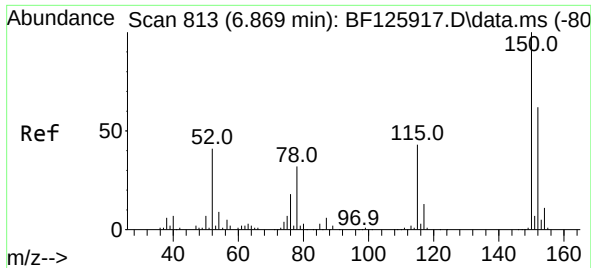
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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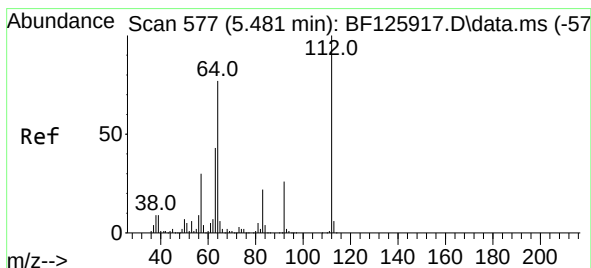
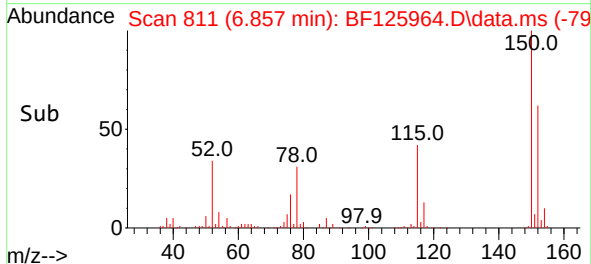
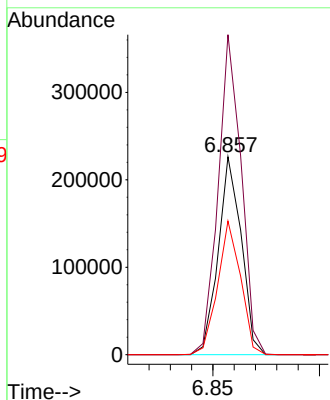
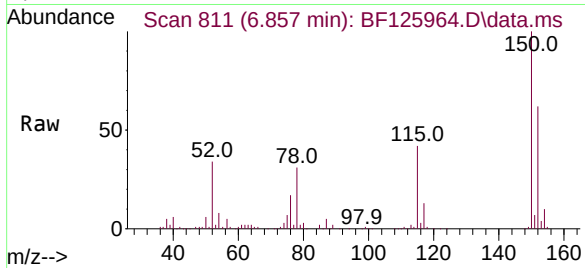




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.857 min Scan# 811
Delta R.T. -0.012 min
Lab File: BF125964.D
Acq: 27 Oct 2021 15:30

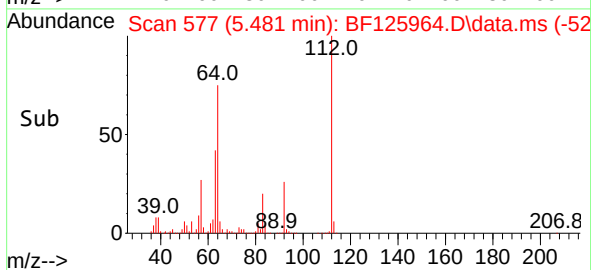
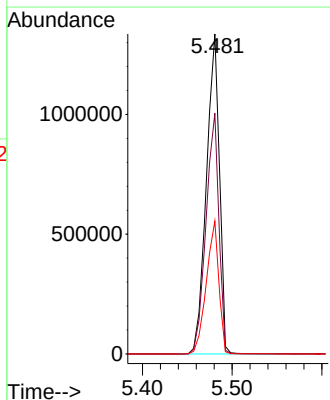
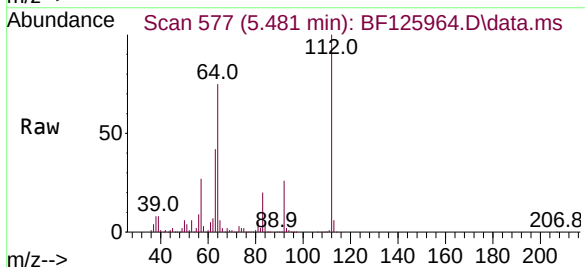
Instrument :
BNA_F
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RED-BOX-2-1934

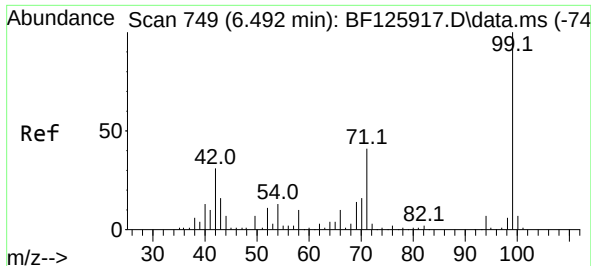
Tgt Ion:152 Resp: 170327
Ion Ratio Lower Upper
152 100
150 161.7 117.6 176.4
115 67.5 47.1 70.7



#5
2-Fluorophenol
Concen: 118.116 ng
RT: 5.481 min Scan# 577
Delta R.T. 0.000 min
Lab File: BF125964.D
Acq: 27 Oct 2021 15:30

Tgt Ion:112 Resp: 1350658
Ion Ratio Lower Upper
112 100
64 75.2 44.2 66.2#
63 41.6 26.2 39.2#

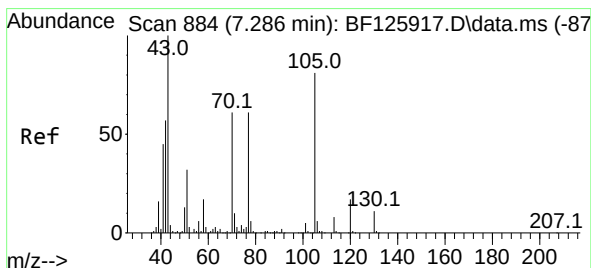
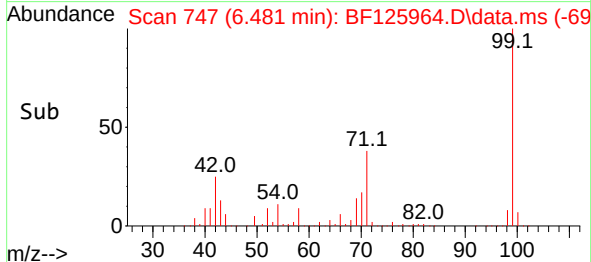
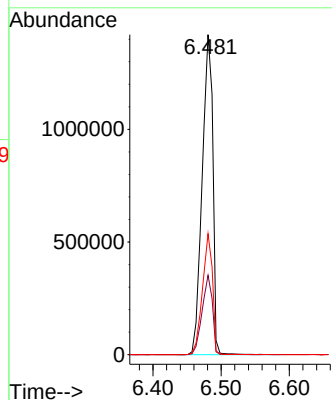
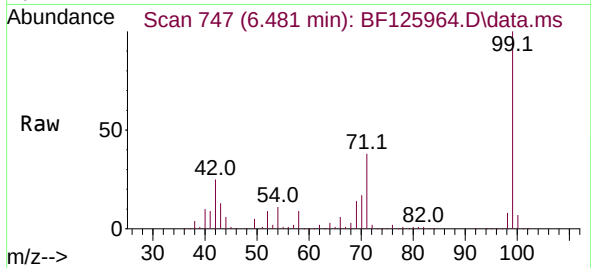




#7
Phenol-d6
Concen: 98.313 ng
RT: 6.481 min Scan# 747
Delta R.T. -0.012 min
Lab File: BF125964.D
Acq: 27 Oct 2021 15:30

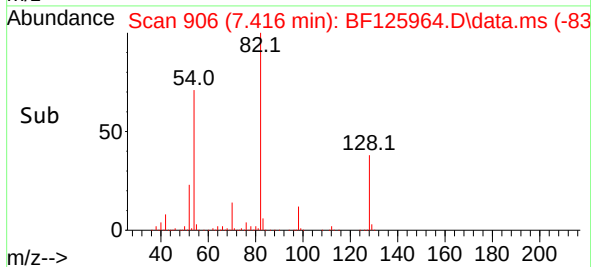
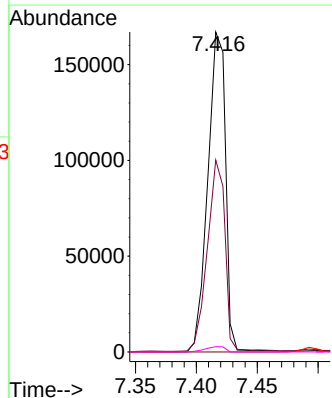
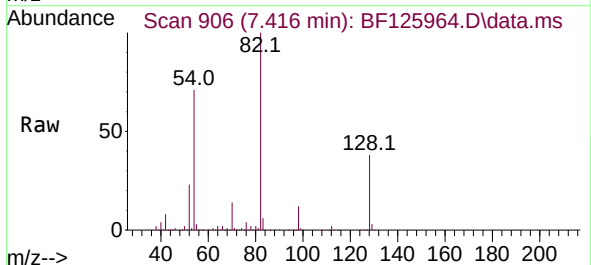
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BNA_F
ClientSampleId :
RED-BOX-2-1934

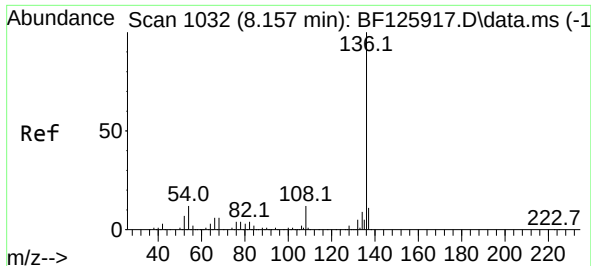
Tgt Ion: 99 Resp: 1541937
Ion Ratio Lower Upper
99 100
42 24.8 23.5 35.3
71 37.8 25.6 38.4



#19
n-Nitroso-di-n-propylamine
Concen: 18.896 ng
RT: 7.416 min Scan# 906
Delta R.T. 0.129 min
Lab File: BF125964.D
Acq: 27 Oct 2021 15:30

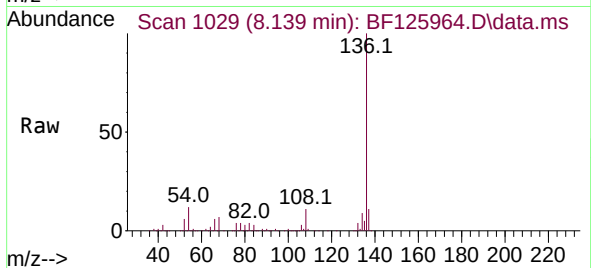
Tgt Ion: 70 Resp: 169325
Ion Ratio Lower Upper
70 100
42 60.0 72.2 108.2#
101 0.0 7.8 11.8#
130 1.7 21.8 32.6#



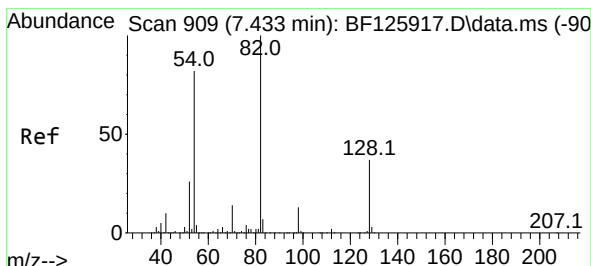
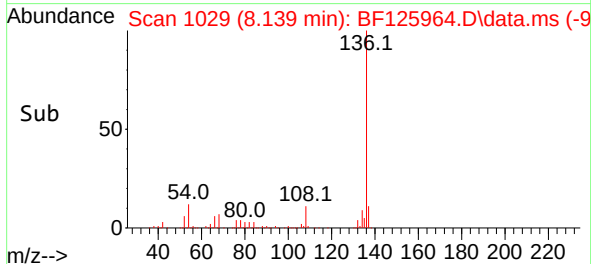
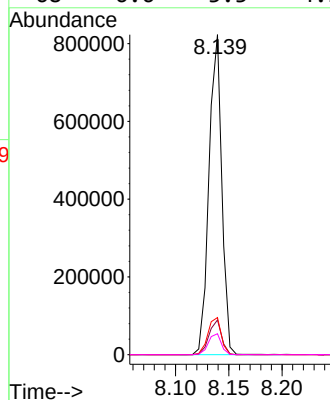


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.139 min Scan# 1029
Delta R.T. -0.018 min
Lab File: BF125964.D
Acq: 27 Oct 2021 15:30

Instrument :
BNA_F
ClientSampleId :
RED-BOX-2-1934

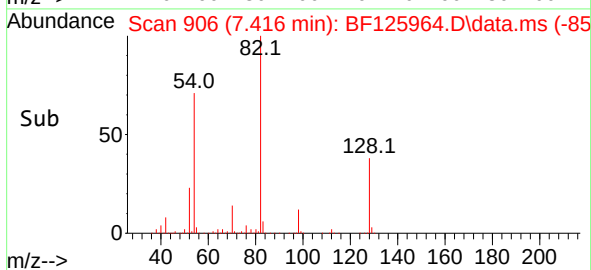
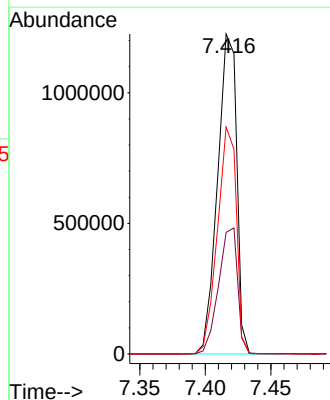
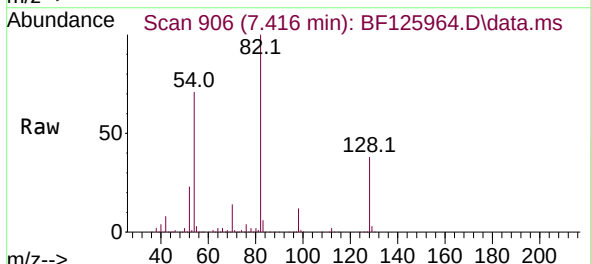


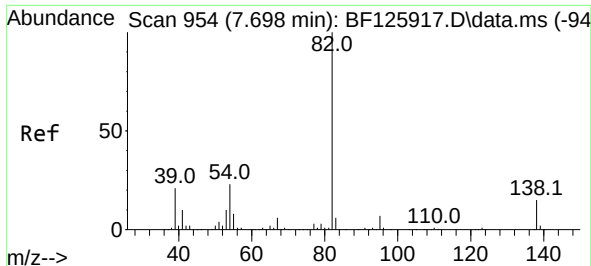
Tgt Ion:136 Resp: 690999
Ion Ratio Lower Upper
136 100
137 10.9 9.8 14.6
54 11.6 6.4 9.6#
68 6.6 3.3 4.9#



#23
Nitrobenzene-d5
Concen: 92.822 ng
RT: 7.416 min Scan# 906
Delta R.T. -0.018 min
Lab File: BF125964.D
Acq: 27 Oct 2021 15:30

Tgt Ion: 82 Resp: 1241732
Ion Ratio Lower Upper
82 100
128 38.0 40.6 60.8#
54 70.9 49.6 74.4

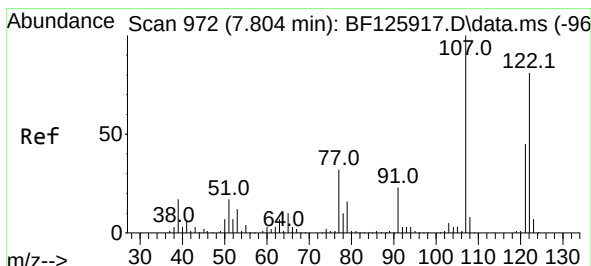
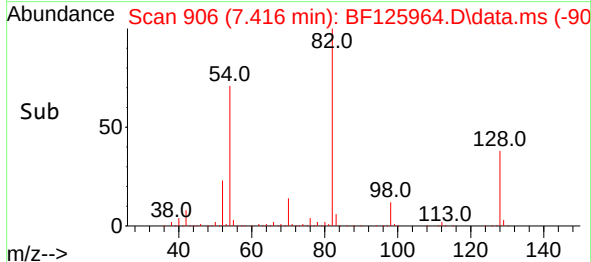
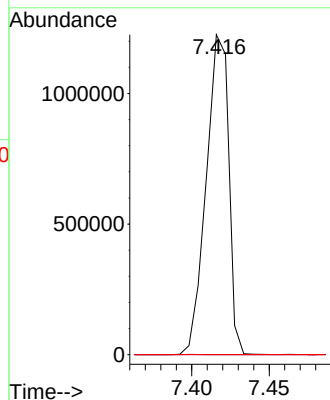
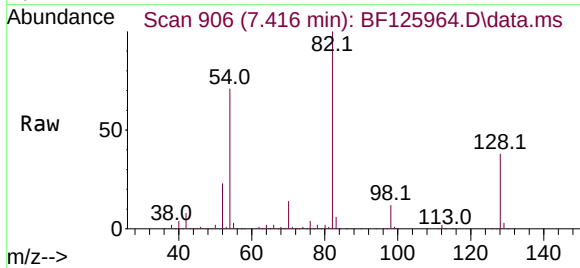




#25
Isophorone
Concen: 48.575 ng
RT: 7.416 min Scan# 906
Delta R.T. -0.282 min
Lab File: BF125964.D
Acq: 27 Oct 2021 15:30

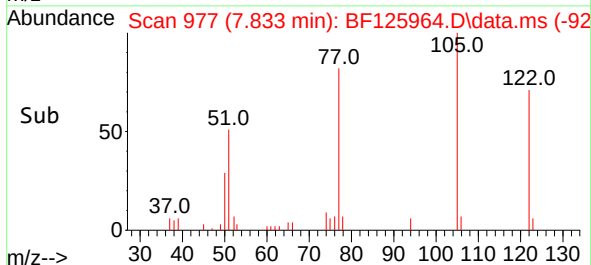
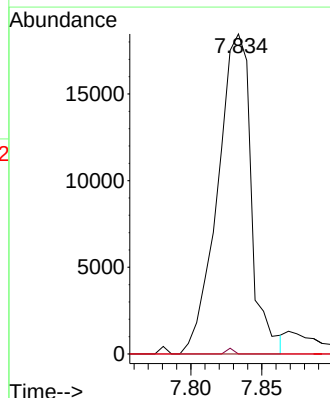
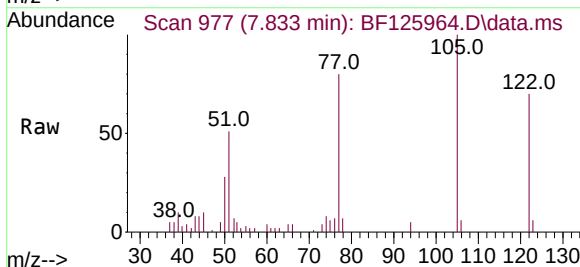
Instrument :
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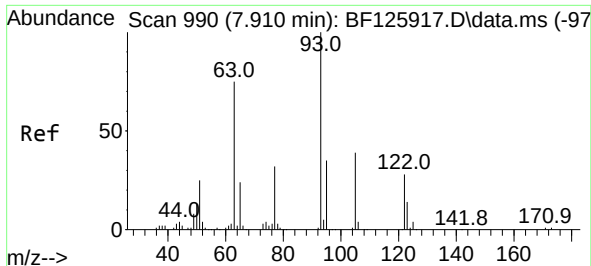
Tgt Ion: 82 Resp: 1237496
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#



#27
2,4-Dimethylphenol
Concen: 3.058 ng
RT: 7.833 min Scan# 977
Delta R.T. 0.029 min
Lab File: BF125964.D
Acq: 27 Oct 2021 15:30

Tgt Ion: 122 Resp: 30413
Ion Ratio Lower Upper
122 100
107 0.0 85.0 127.6#
121 0.0 43.3 64.9#

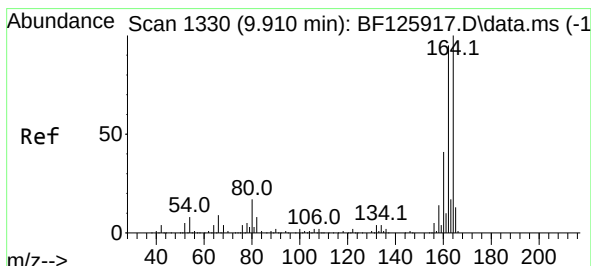
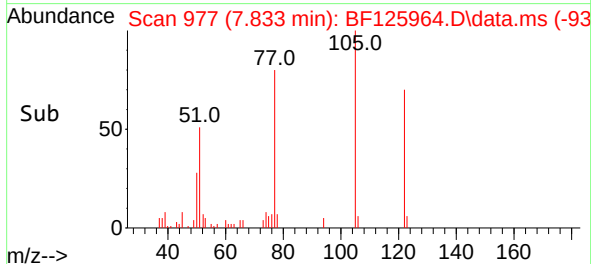
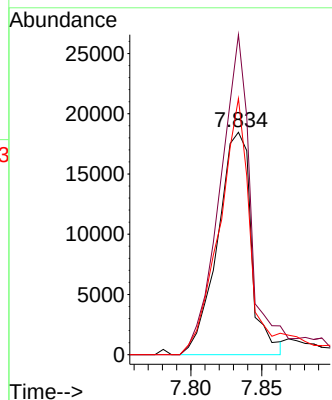
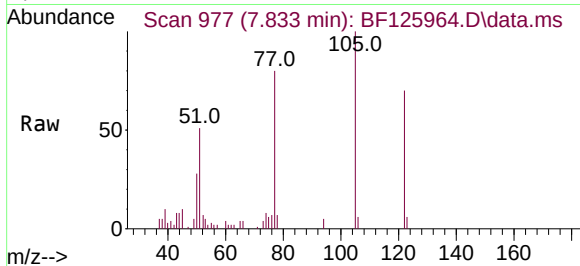




#32
Benzoic acid
Concen: 7.996 ng
RT: 7.833 min Scan# 977
Delta R.T. -0.077 min
Lab File: BF125964.D
Acq: 27 Oct 2021 15:30

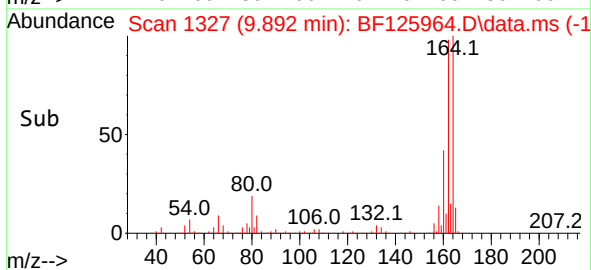
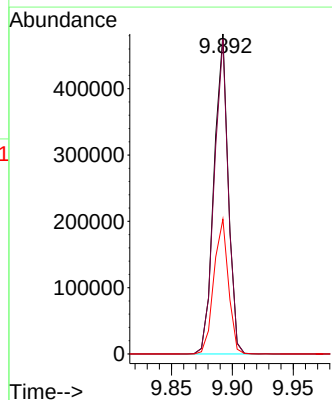
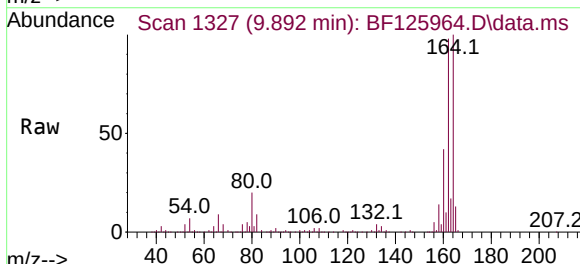
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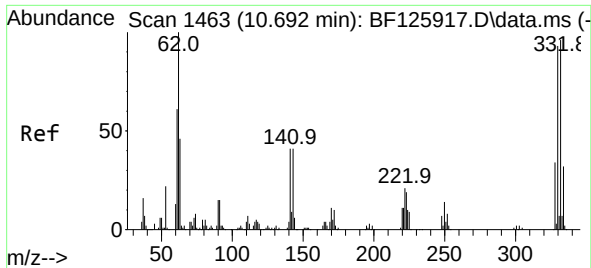
Tgt Ion:122 Resp: 30413
Ion Ratio Lower Upper
122 100
105 143.8 97.6 137.6#
77 115.2 59.6 99.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.892 min Scan# 1327
Delta R.T. -0.018 min
Lab File: BF125964.D
Acq: 27 Oct 2021 15:30

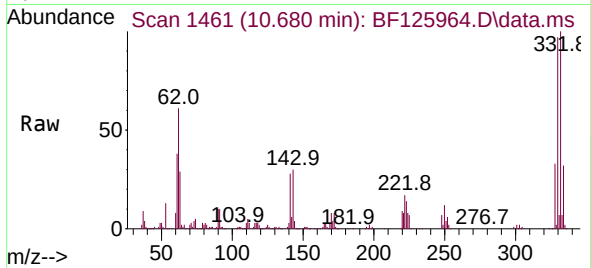
Tgt Ion:164 Resp: 391538
Ion Ratio Lower Upper
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162 98.3 81.3 121.9
160 42.1 38.0 57.0



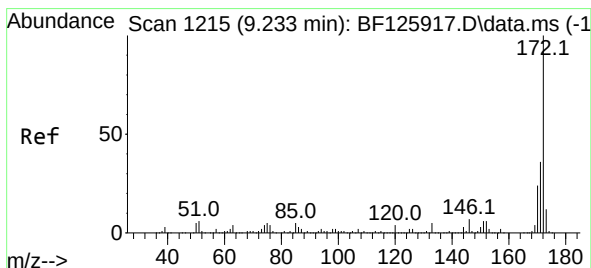
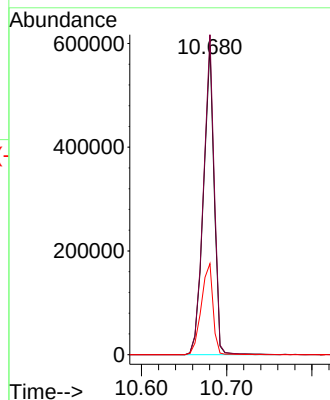
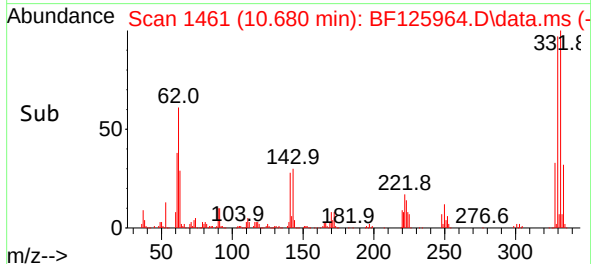


#42
2,4,6-Tribromophenol
Concen: 152.131 ng
RT: 10.680 min Scan# 1461
Delta R.T. -0.012 min
Lab File: BF125964.D
Acq: 27 Oct 2021 15:30

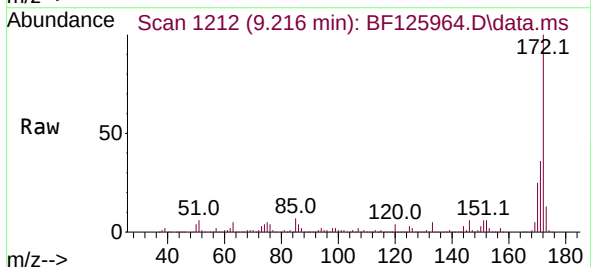
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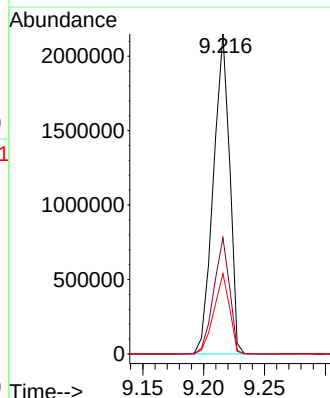
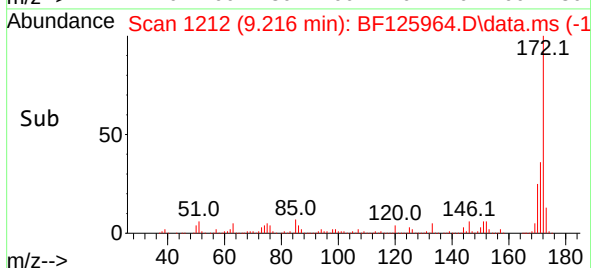
Tgt Ion: 330 Resp: 519255
Ion Ratio Lower Upper
330 100
332 104.1 76.2 114.4
141 32.3 44.6 66.8#

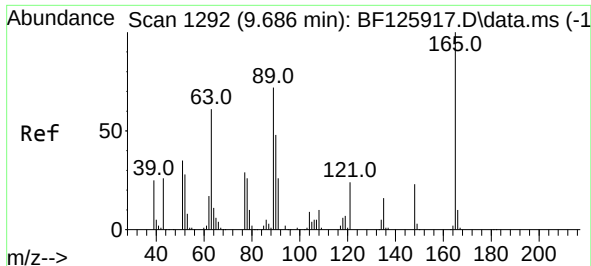


#45
2-Fluorobiphenyl
Concen: 89.943 ng
RT: 9.216 min Scan# 1212
Delta R.T. -0.018 min
Lab File: BF125964.D
Acq: 27 Oct 2021 15:30



Tgt Ion: 172 Resp: 1991371
Ion Ratio Lower Upper
172 100
171 36.3 26.5 39.7
170 25.1 18.8 28.2

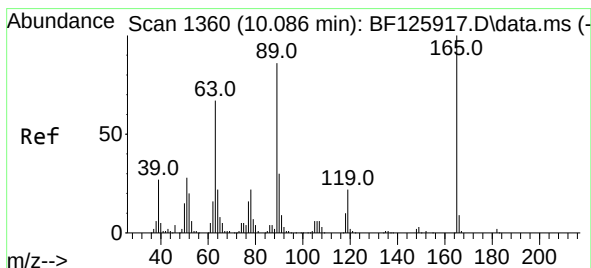
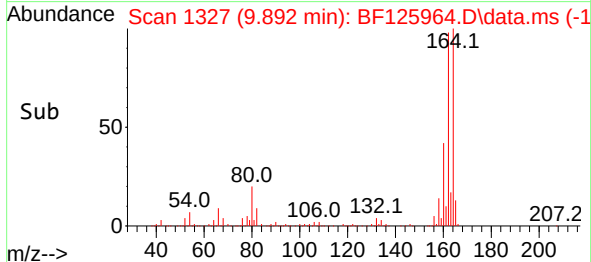
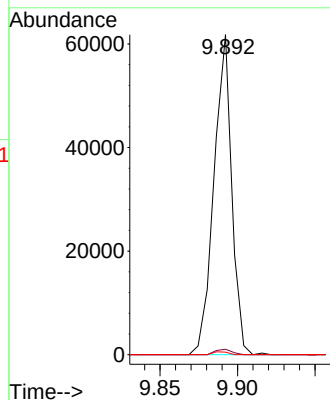
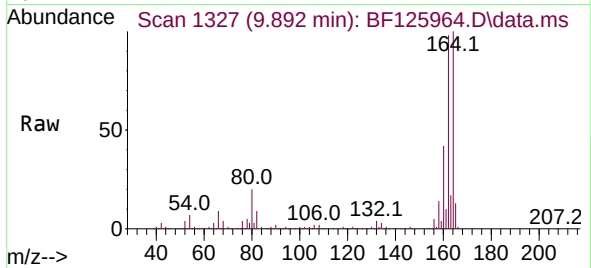




#51
2,6-Dinitrotoluene
Concen: 10.297 ng
RT: 9.892 min Scan# 1327
Delta R.T. 0.206 min
Lab File: BF125964.D
Acq: 27 Oct 2021 15:30

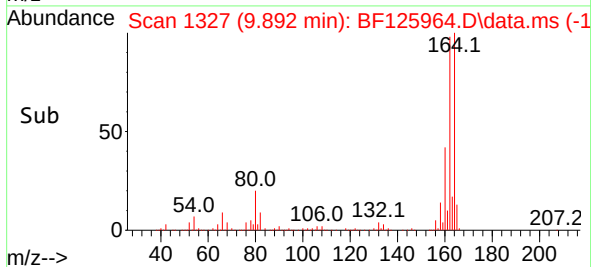
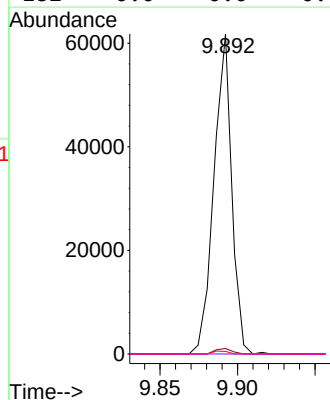
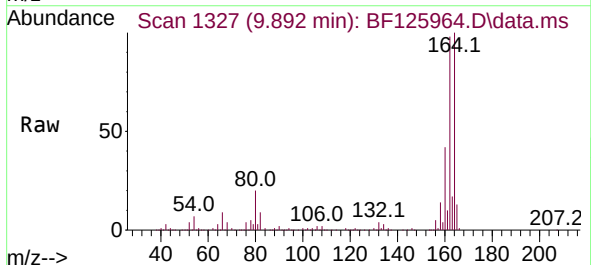
Instrument :
BNA_F
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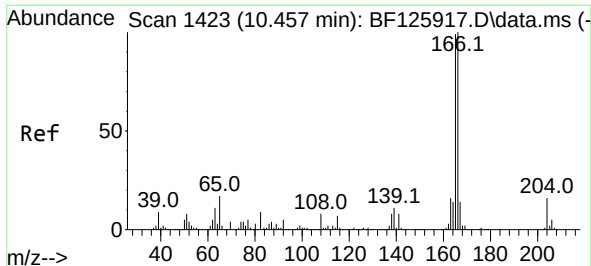
Tgt Ion:165 Resp: 49260
Ion Ratio Lower Upper
165 100
63 1.7 42.6 63.8#
89 0.8 40.6 60.8#



#57
2,4-Dinitrotoluene
Concen: 8.383 ng
RT: 9.892 min Scan# 1327
Delta R.T. -0.194 min
Lab File: BF125964.D
Acq: 27 Oct 2021 15:30

Tgt Ion:165 Resp: 49260
Ion Ratio Lower Upper
165 100
63 1.7 40.9 61.3#
89 0.8 59.7 89.5#
182 0.0 0.0 0.0

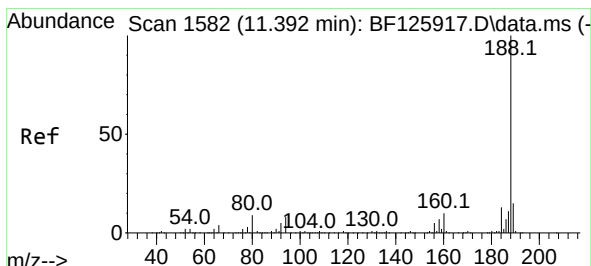
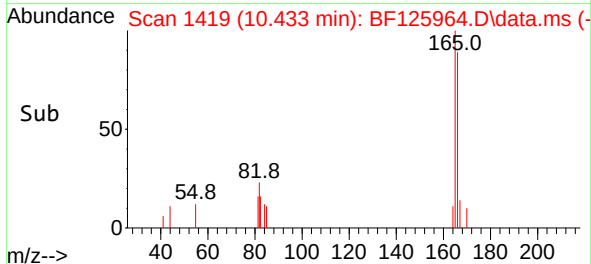
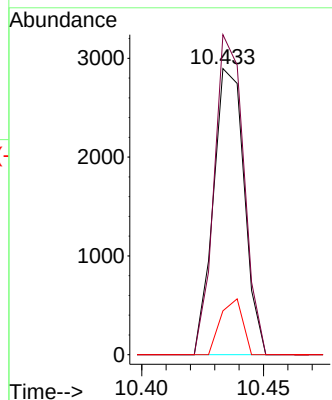
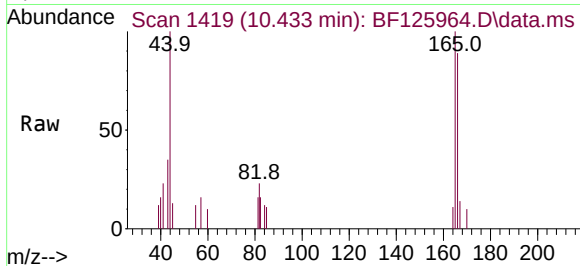




#58
Fluorene
Concen: Below Cal
RT: 10.433 min Scan# 1419
Delta R.T. -0.024 min
Lab File: BF125964.D
Acq: 27 Oct 2021 15:30

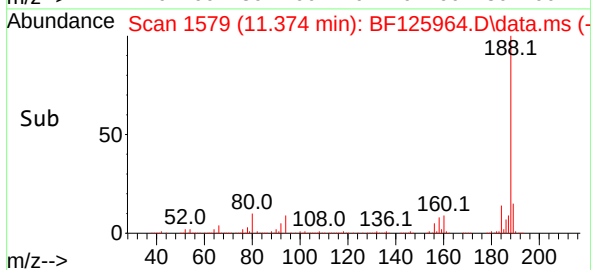
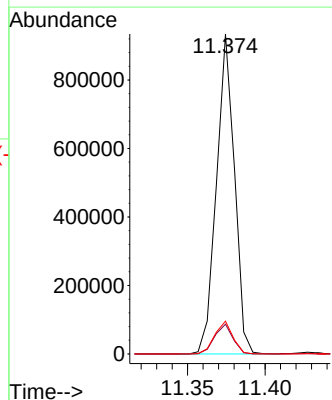
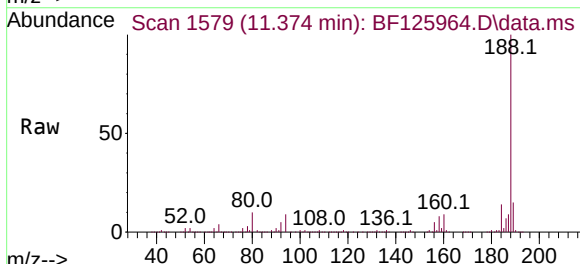
Instrument :
BNA_F
ClientSampleId :
RED-BOX-2-1934

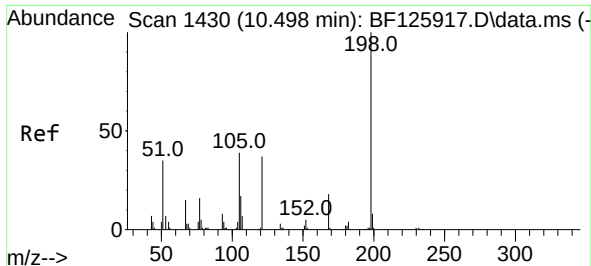
Tgt Ion:166	Resp:	2555
Ion Ratio	Lower	Upper
166	100	
165	111.8	78.1 117.1
167	15.3	11.1 16.7



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.374 min Scan# 1579
Delta R.T. -0.018 min
Lab File: BF125964.D
Acq: 27 Oct 2021 15:30

Tgt Ion:188	Resp:	755156
Ion Ratio	Lower	Upper
188	100	
94	9.3	6.7 10.1
80	10.2	7.5 11.3

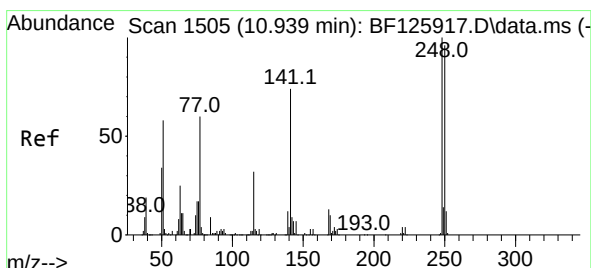
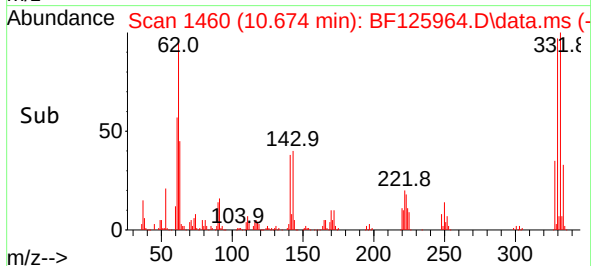
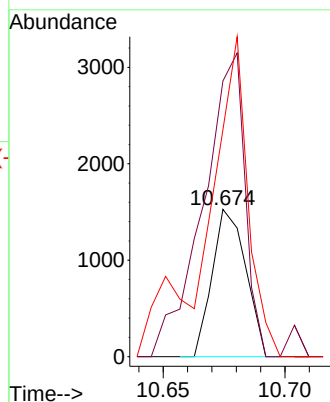
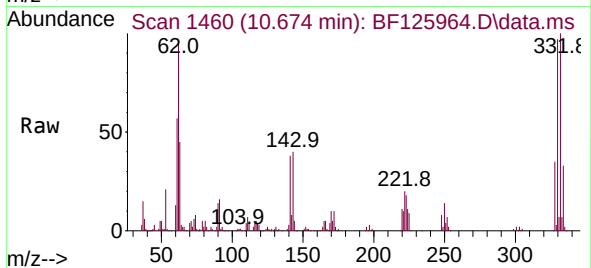




#65
4,6-Dinitro-2-methylphenol
Concen: 6.450 ng
RT: 10.674 min Scan# 1460
Delta R.T. 0.176 min
Lab File: BF125964.D
Acq: 27 Oct 2021 15:30

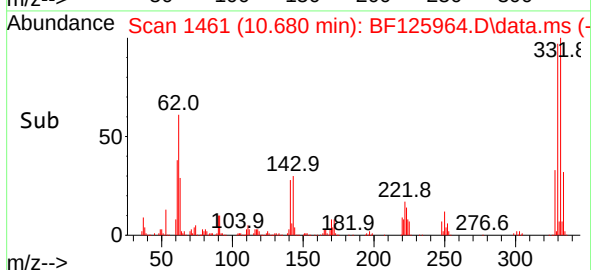
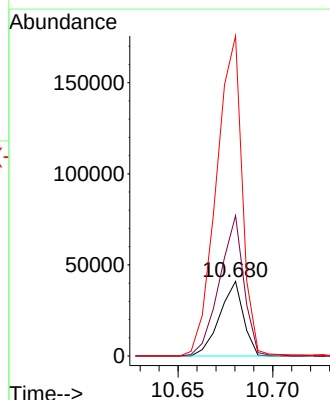
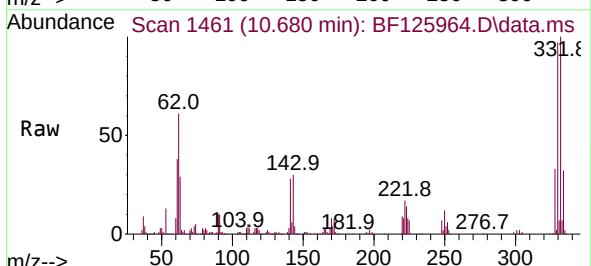
Instrument :
BNA_F
ClientSampleId :
RED-BOX-2-1934

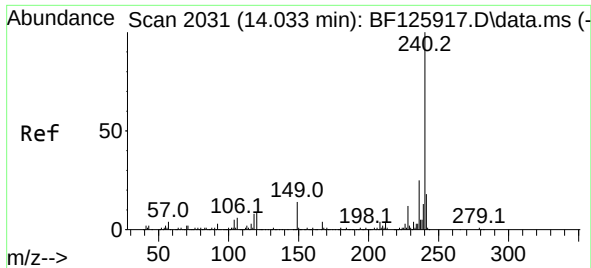
Tgt Ion:198 Resp: 1460
Ion Ratio Lower Upper
198 100
51 187.2 45.3 85.3#
105 154.0 30.6 70.6#



#67
4-Bromophenyl-phenylether
Concen: 4.420 ng
RT: 10.680 min Scan# 1461
Delta R.T. -0.259 min
Lab File: BF125964.D
Acq: 27 Oct 2021 15:30

Tgt Ion:248 Resp: 35659
Ion Ratio Lower Upper
248 100
250 188.3 74.2 111.4#
141 429.2 60.4 90.6#

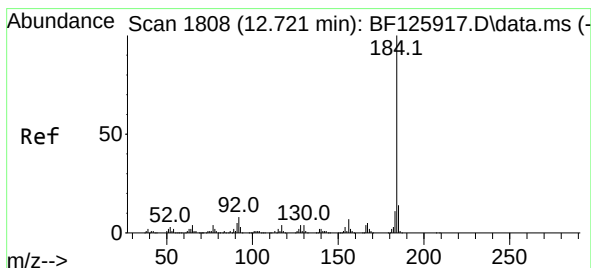
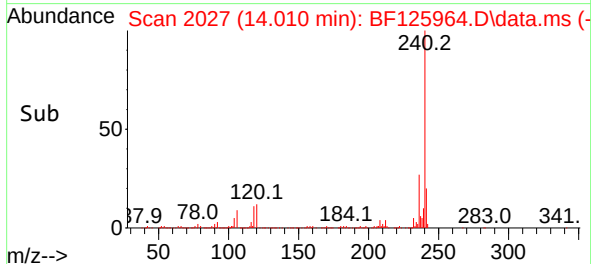
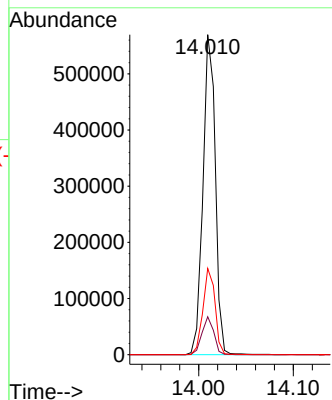
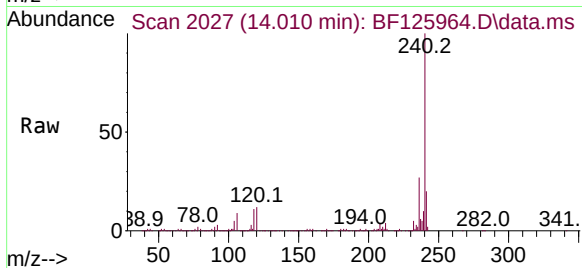




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.010 min Scan# 2027
Delta R.T. -0.023 min
Lab File: BF125964.D
Acq: 27 Oct 2021 15:30

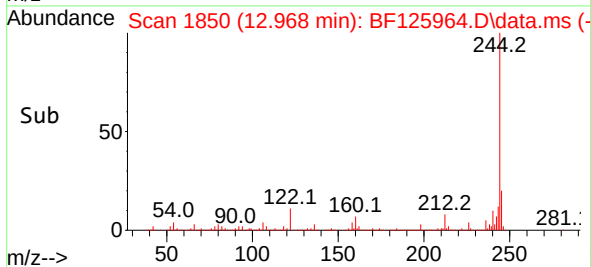
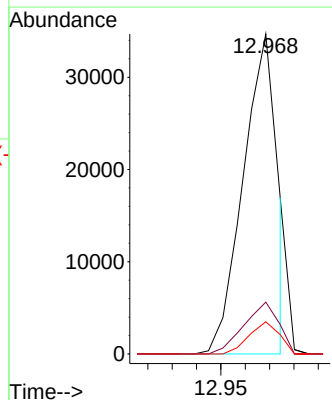
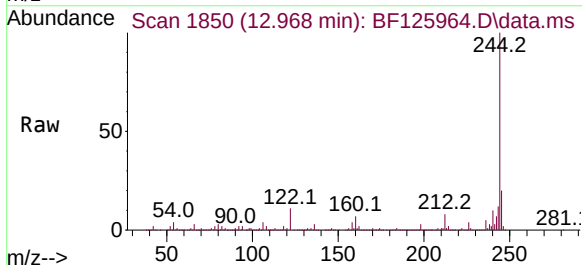
Instrument :
BNA_F
ClientSampleId :
RED-BOX-2-1934

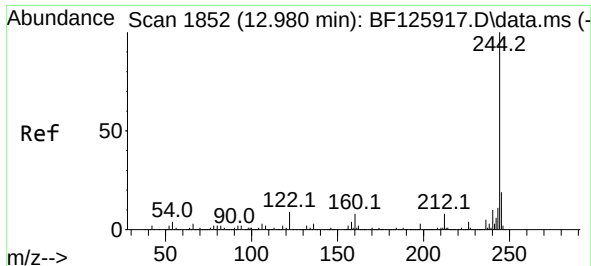
Tgt Ion:240 Resp: 518446
Ion Ratio Lower Upper
240 100
120 11.9 10.8 16.2
236 26.9 21.6 32.4



#77
Benzidine
Concen: 2.103 ng
RT: 12.968 min Scan# 1850
Delta R.T. 0.247 min
Lab File: BF125964.D
Acq: 27 Oct 2021 15:30

Tgt Ion:184 Resp: 34008
Ion Ratio Lower Upper
184 100
185 16.2 10.8 16.2
183 10.0 8.1 12.1

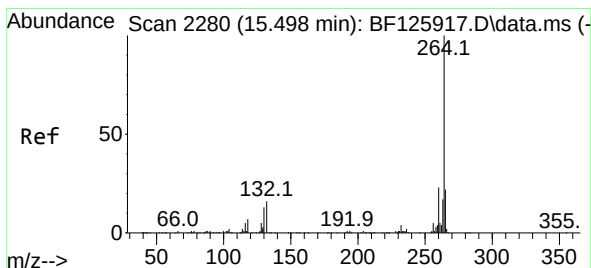
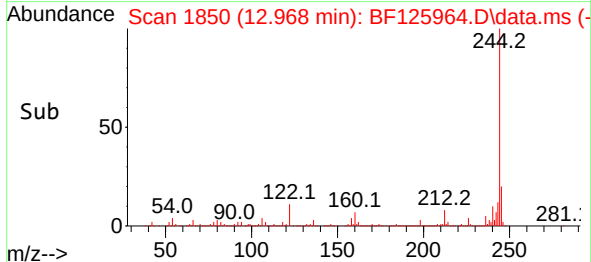
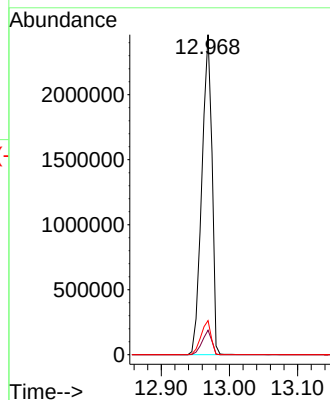
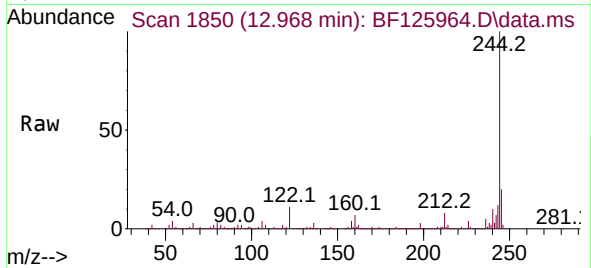




#79
 Terphenyl-d14
 Concen: 80.178 ng
 RT: 12.968 min Scan# 1850
 Delta R.T. -0.012 min
 Lab File: BF125964.D
 Acq: 27 Oct 2021 15:30

Instrument :
 BNA_F
 ClientSampleId :
 RED-BOX-2-1934

Tgt Ion:244 Resp: 2541263
 Ion Ratio Lower Upper
 244 100
 212 7.7 5.9 8.9
 122 10.7 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: BF125964.D
 Acq: 27 Oct 2021 15:30

Tgt Ion:264 Resp: 453271
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.6 29.4
 265 21.3 17.2 25.8

