

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081021\
 Data File : BF125027.D
 Acq On : 10 Aug 2021 12:22
 Operator : JU/CG
 Sample : PB138288BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB138288BL

Quant Time: Aug 10 13:00:27 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080421.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 10 11:32:36 2021
 Response via : Initial Calibration

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

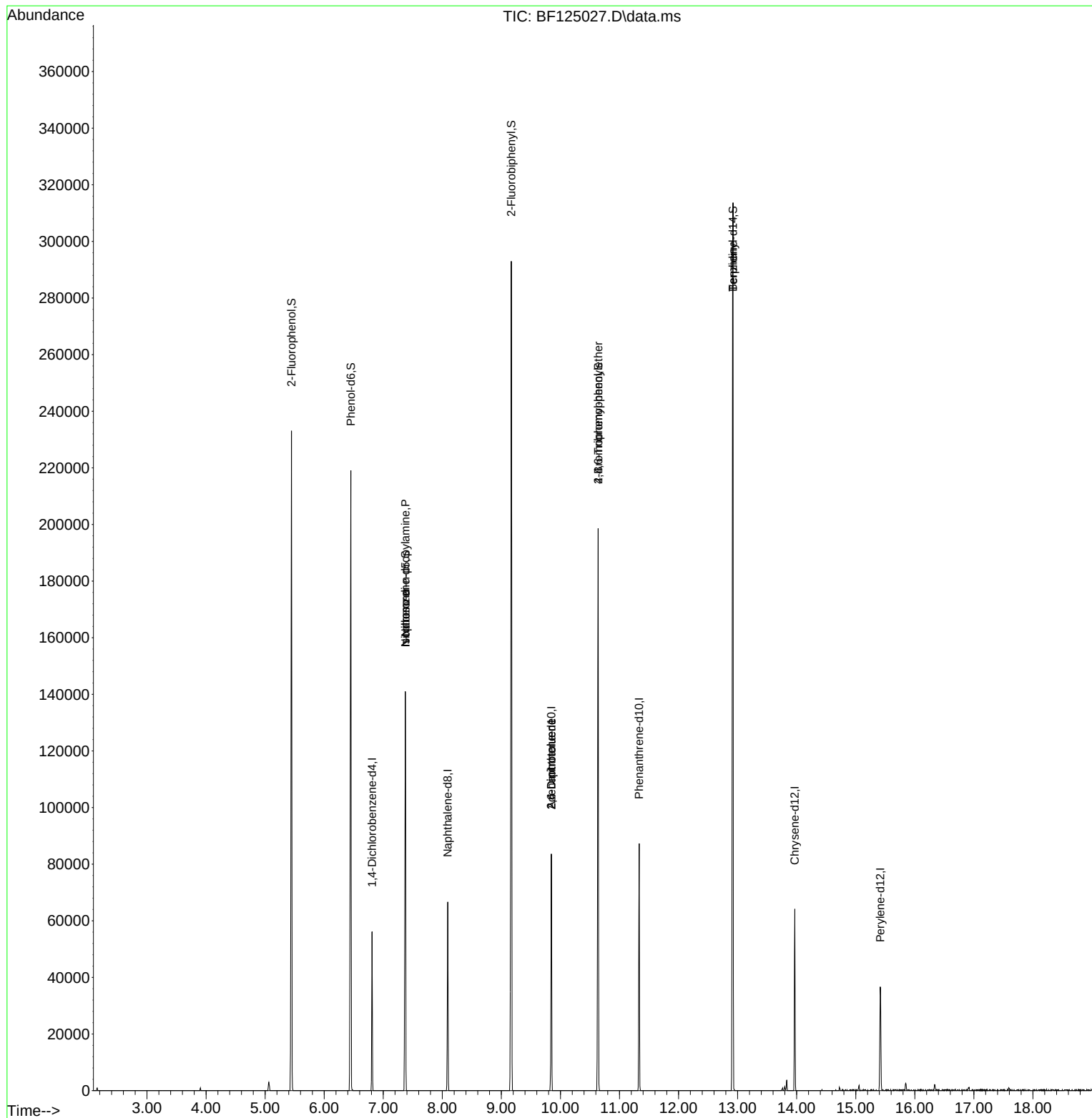
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.810	152	7294	20.000	ng	0.00
21) Naphthalene-d8	8.092	136	29874	20.000	ng	# 0.00
39) Acenaphthene-d10	9.845	164	16943	20.000	ng	0.00
64) Phenanthrene-d10	11.333	188	31192	20.000	ng	0.00
76) Chrysene-d12	13.968	240	23118	20.000	ng	# 0.00
86) Perylene-d12	15.415	264	18840	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.445	112	59819	134.344	ng	0.01
7) Phenol-d6	6.451	99	72388	128.930	ng	0.00
23) Nitrobenzene-d5	7.375	82	48829	85.505	ng	0.00
42) 2,4,6-Tribromophenol	10.639	330	20004	132.154	ng	0.00
45) 2-Fluorobiphenyl	9.169	172	97277	84.011	ng	0.00
79) Terphenyl-d14	12.921	244	114183	83.314	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.375	70	6814	20.454	ng	# 68
25) Isophorone	7.375	82	48828	50.097	ng	# 59
51) 2,6-Dinitrotoluene	9.845	165	2191	8.570	ng	# 26
57) 2,4-Dinitrotoluene	9.845	165	2191	6.312	ng	# 18
67) 4-Bromophenyl-phenylether	10.639	248	1490	4.361	ng	# 1
77) Benzidine	12.921	184	1676	2.709	ng	# 83

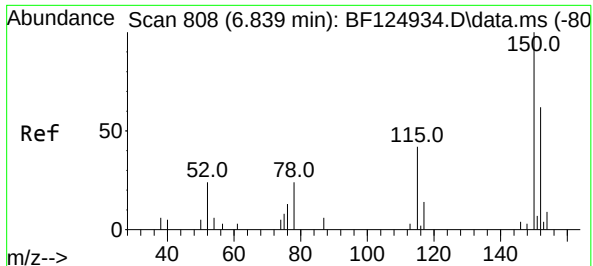
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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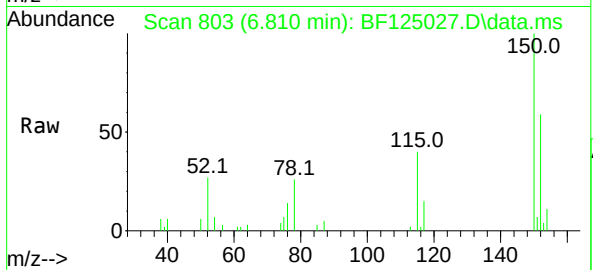
Quant Time: Aug 10 13:00:27 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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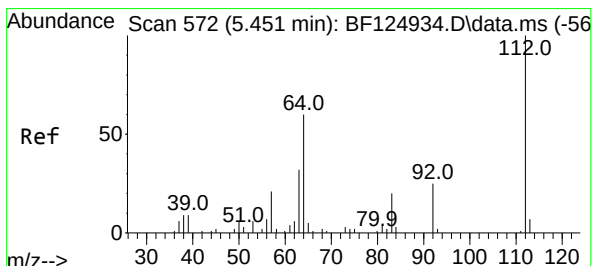
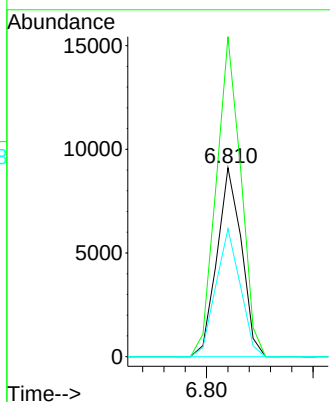
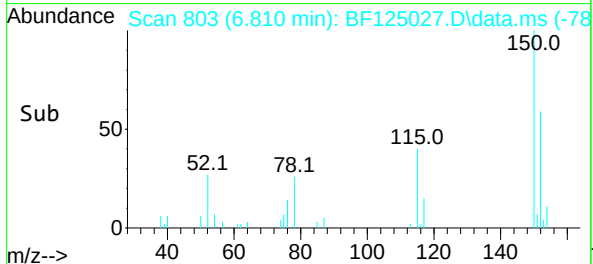


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.810 min Scan# 803
Delta R.T. -0.006 min
Lab File: BF125027.D
Acq: 10 Aug 2021 12:22

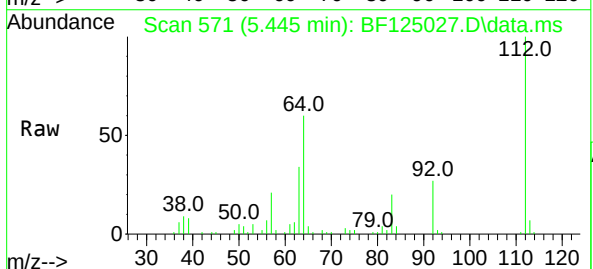
Instrument :
BNA_F
ClientSampleId :
PB138288BL



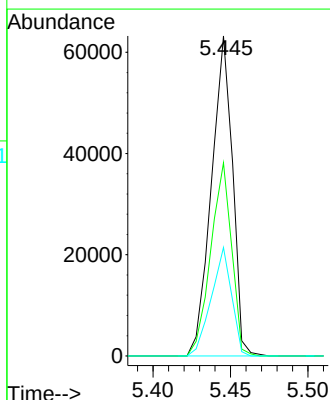
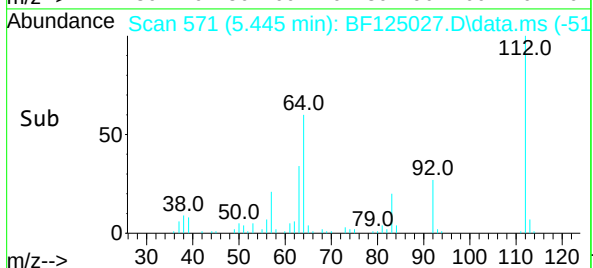
Tgt Ion:152 Resp: 7294
Ion Ratio Lower Upper
152 100
150 169.3 117.6 176.4
115 67.7 47.1 70.7

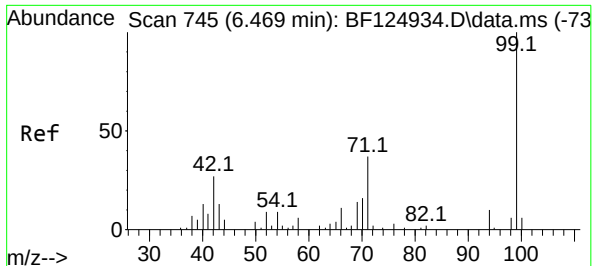


#5
2-Fluorophenol
Concen: 134.344 ng
RT: 5.445 min Scan# 571
Delta R.T. 0.012 min
Lab File: BF125027.D
Acq: 10 Aug 2021 12:22



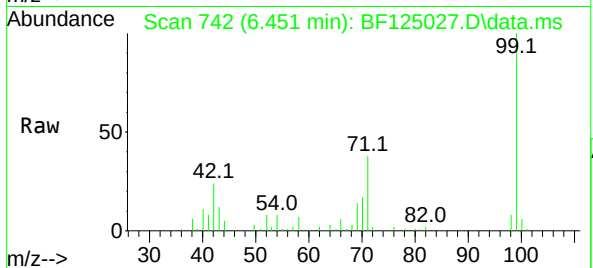
Tgt Ion:112 Resp: 59819
Ion Ratio Lower Upper
112 100
64 60.4 44.2 66.2
63 33.9 26.2 39.2



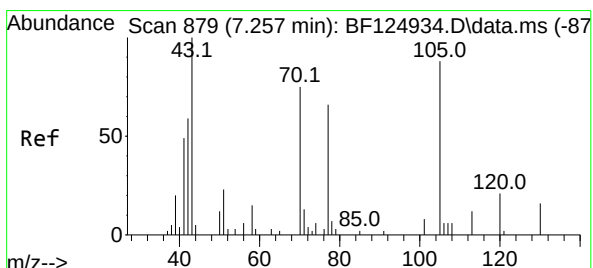
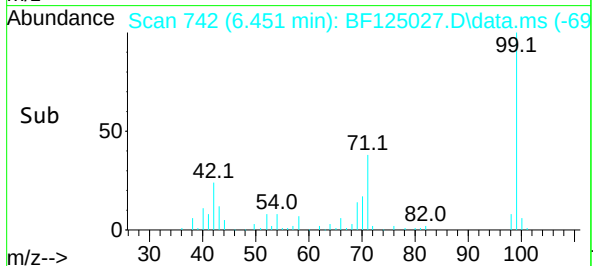
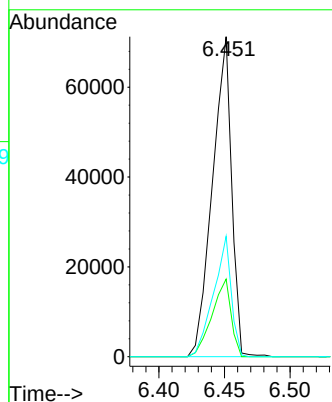


#7
Phenol-d6
Concen: 128.930 ng
RT: 6.451 min Scan# 742
Delta R.T. 0.000 min
Lab File: BF125027.D
Acq: 10 Aug 2021 12:22

Instrument :
BNA_F
ClientSampleId :
PB138288BL

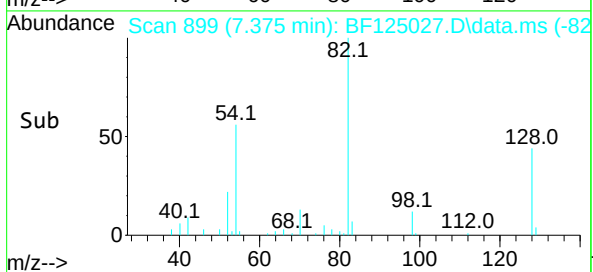
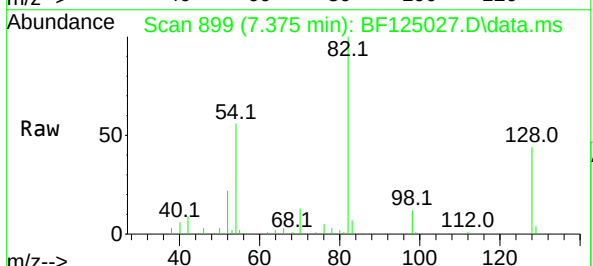
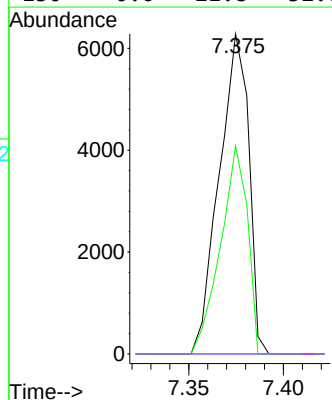


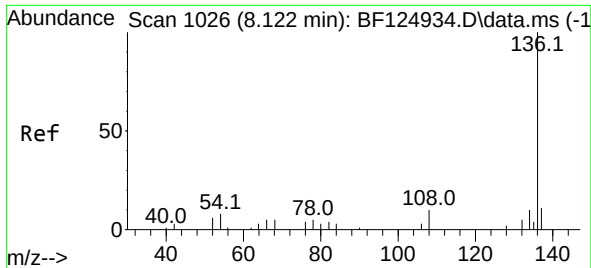
Tgt Ion:	99	Resp:	72388
Ion	Ratio	Lower	Upper
99	100		
42	24.2	23.5	35.3
71	37.6	25.6	38.4



#19
n-Nitroso-di-n-propylamine
Concen: 20.454 ng
RT: 7.375 min Scan# 899
Delta R.T. 0.147 min
Lab File: BF125027.D
Acq: 10 Aug 2021 12:22

Tgt Ion:	70	Resp:	6814
Ion	Ratio	Lower	Upper
70	100		
42	65.0	72.2	108.2#
101	0.0	7.8	11.8#
130	0.0	21.8	32.6#

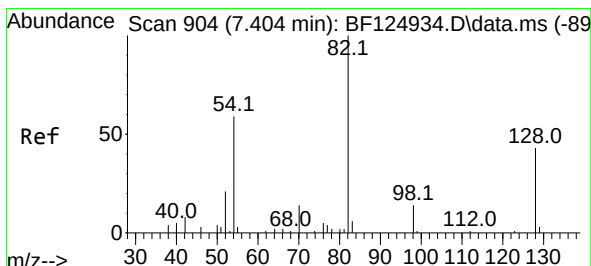
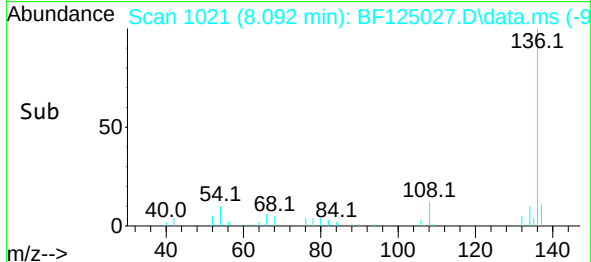
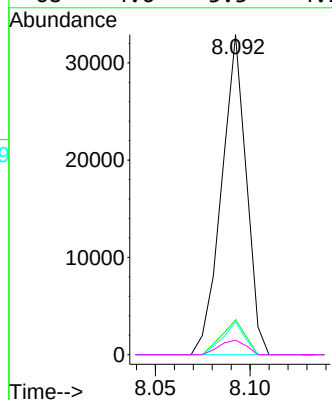
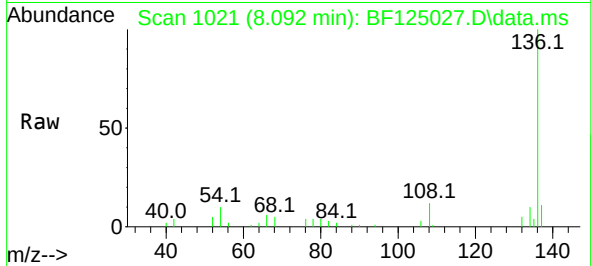




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.092 min Scan# 1021
Delta R.T. -0.006 min
Lab File: BF125027.D
Acq: 10 Aug 2021 12:22

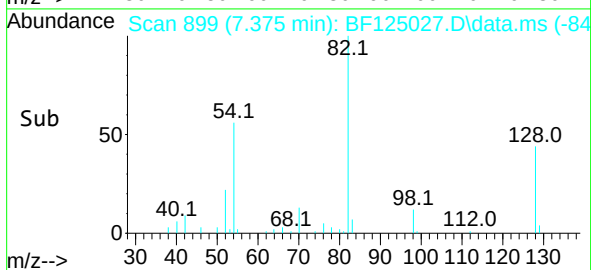
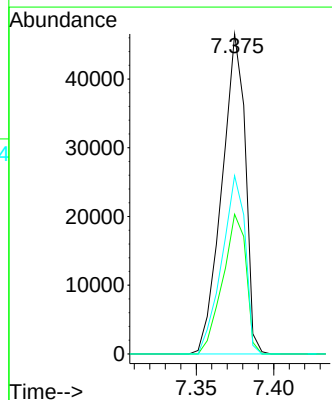
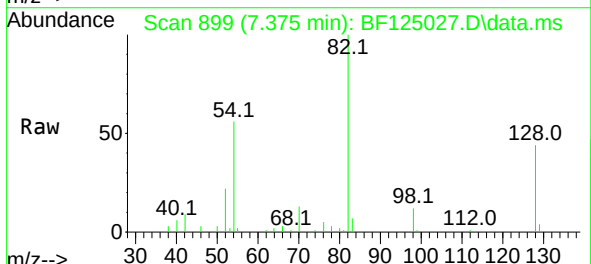
Instrument :
BNA_F
ClientSampleId :
PB138288BL

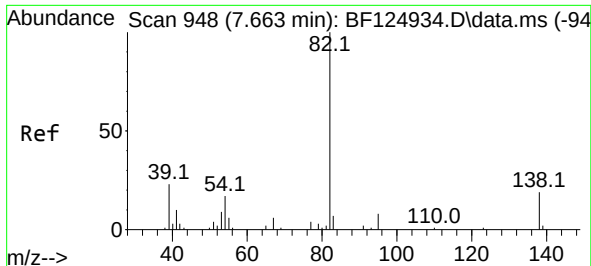
Tgt Ion:136	Resp:	29874
Ion Ratio	Lower	Upper
136	100	
137	10.9	9.8 14.6
54	10.3	6.4 9.6#
68	4.6	3.3 4.9



#23
Nitrobenzene-d5
Concen: 85.505 ng
RT: 7.375 min Scan# 899
Delta R.T. -0.006 min
Lab File: BF125027.D
Acq: 10 Aug 2021 12:22

Tgt Ion: 82	Resp:	48829
Ion Ratio	Lower	Upper
82	100	
128	43.7	40.6 60.8
54	55.7	49.6 74.4

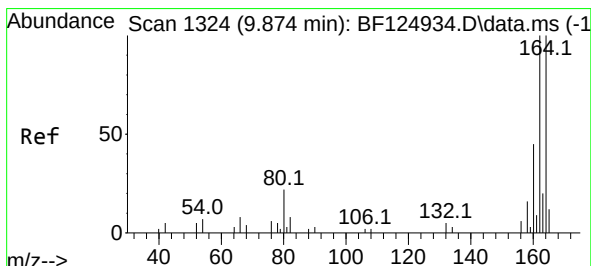
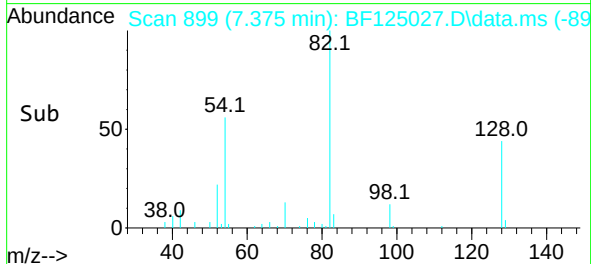
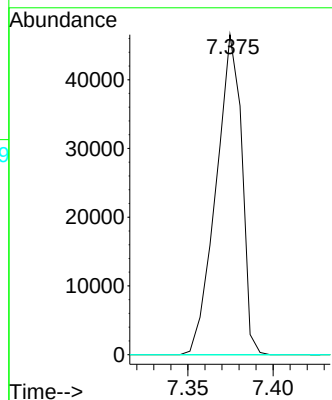
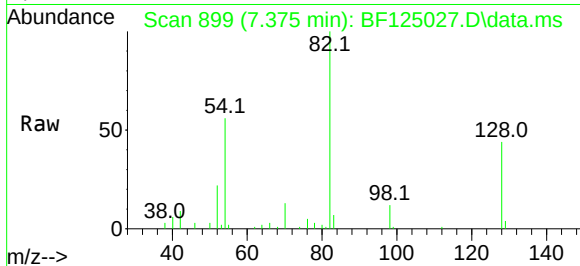




#25
Isophorone
Concen: 50.097 ng
RT: 7.375 min Scan# 899
Delta R.T. -0.265 min
Lab File: BF125027.D
Acq: 10 Aug 2021 12:22

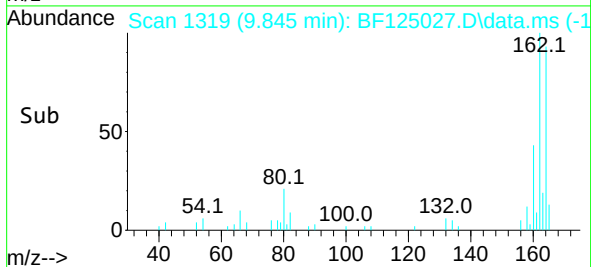
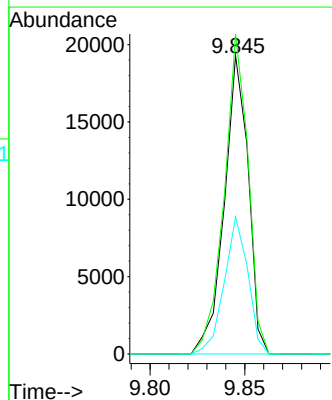
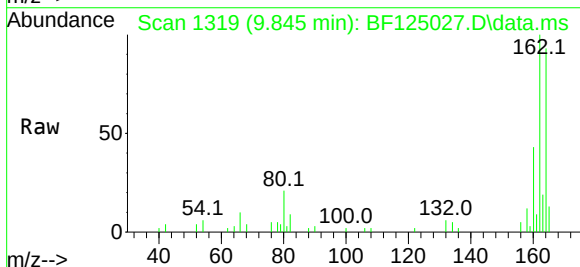
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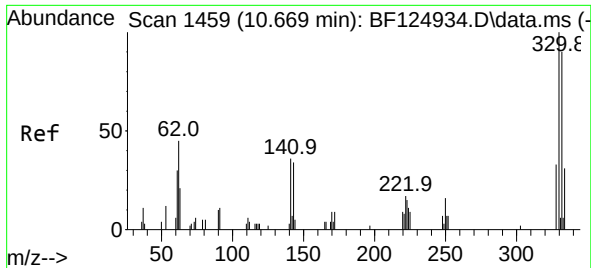
Tgt Ion: 82 Resp: 48828
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.845 min Scan# 1319
Delta R.T. -0.006 min
Lab File: BF125027.D
Acq: 10 Aug 2021 12:22

Tgt Ion:164 Resp: 16943
Ion Ratio Lower Upper
164 100
162 107.2 81.3 121.9
160 46.0 38.0 57.0

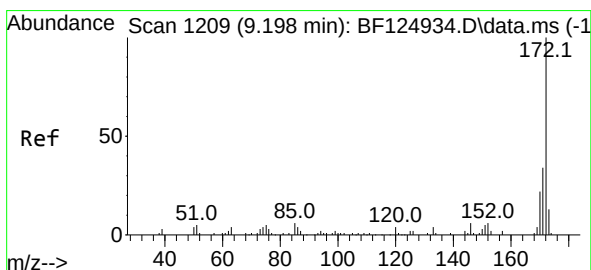
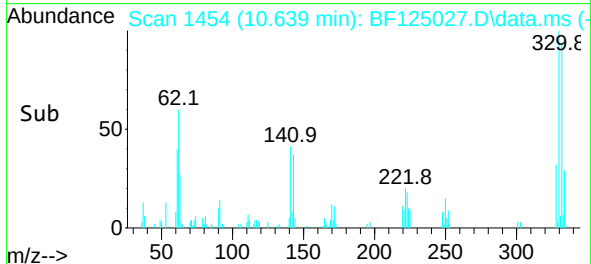
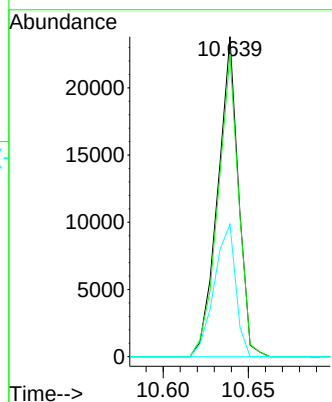
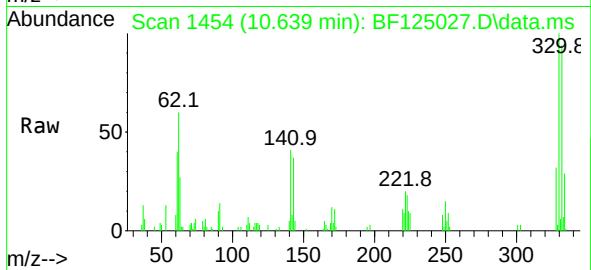




#42
2,4,6-Tribromophenol
Concen: 132.154 ng
RT: 10.639 min Scan# 1454
Delta R.T. 0.000 min
Lab File: BF125027.D
Acq: 10 Aug 2021 12:22

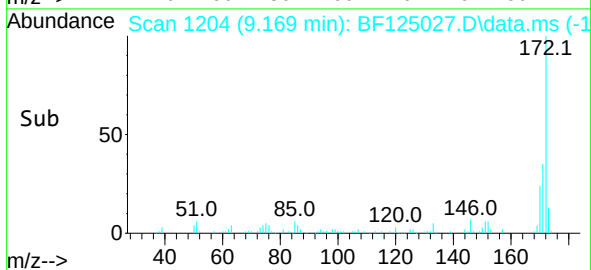
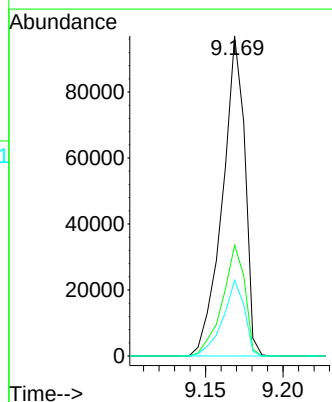
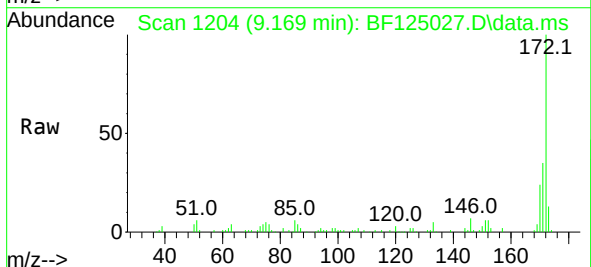
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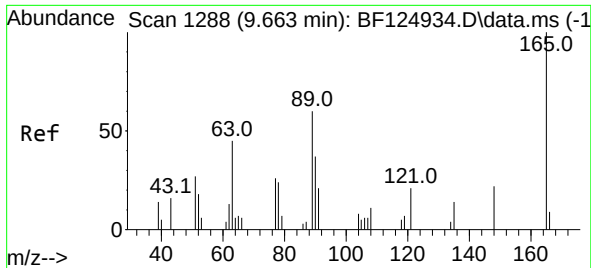
Tgt Ion:330 Resp: 20004
Ion Ratio Lower Upper
330 100
332 95.0 76.2 114.4
141 43.1 44.6 66.8#



#45
2-Fluorobiphenyl
Concen: 84.011 ng
RT: 9.169 min Scan# 1204
Delta R.T. -0.006 min
Lab File: BF125027.D
Acq: 10 Aug 2021 12:22

Tgt Ion:172 Resp: 97277
Ion Ratio Lower Upper
172 100
171 34.6 26.5 39.7
170 23.7 18.8 28.2

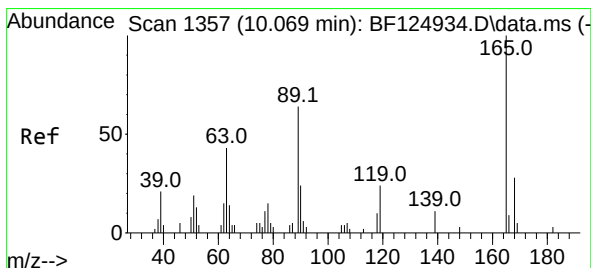
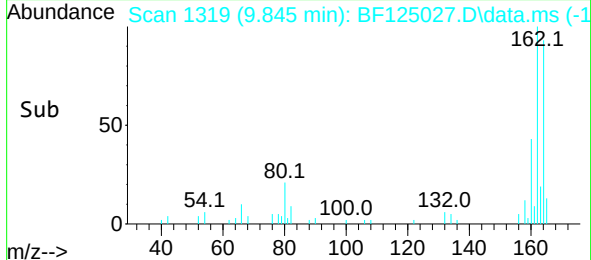
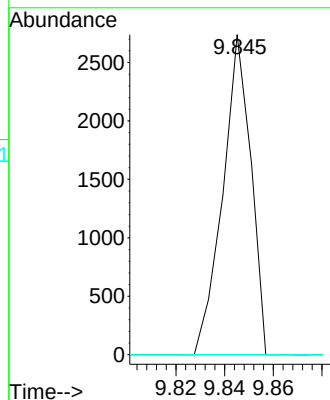
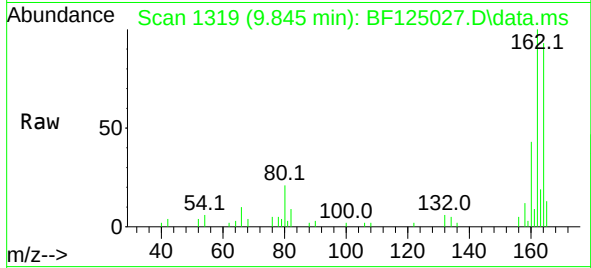




#51
2,6-Dinitrotoluene
Concen: 8.570 ng
RT: 9.845 min Scan# 1319
Delta R.T. 0.206 min
Lab File: BF125027.D
Acq: 10 Aug 2021 12:22

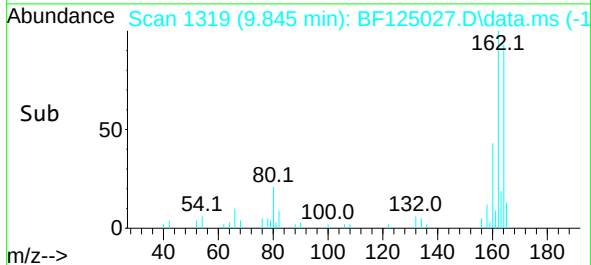
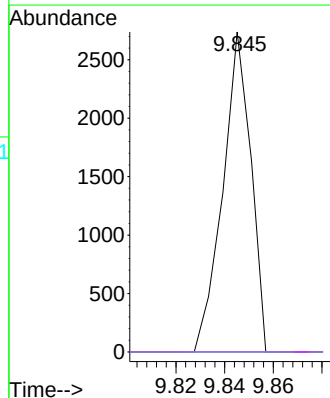
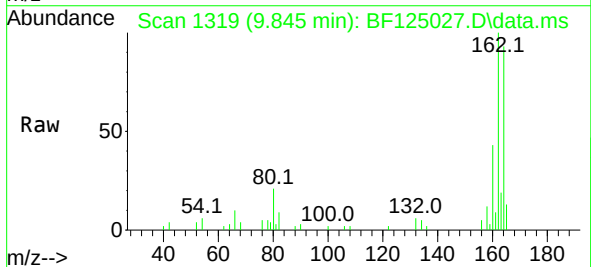
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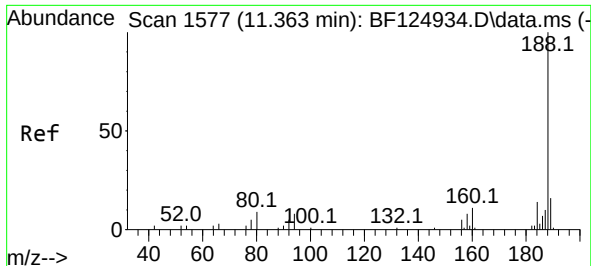
Tgt Ion:165 Resp: 2191
Ion Ratio Lower Upper
165 100
63 0.0 42.6 63.8#
89 0.0 40.6 60.8#



#57
2,4-Dinitrotoluene
Concen: 6.312 ng
RT: 9.845 min Scan# 1319
Delta R.T. -0.200 min
Lab File: BF125027.D
Acq: 10 Aug 2021 12:22

Tgt Ion:165 Resp: 2191
Ion Ratio Lower Upper
165 100
63 0.0 40.9 61.3#
89 0.0 59.7 89.5#
182 0.0 0.0 0.0

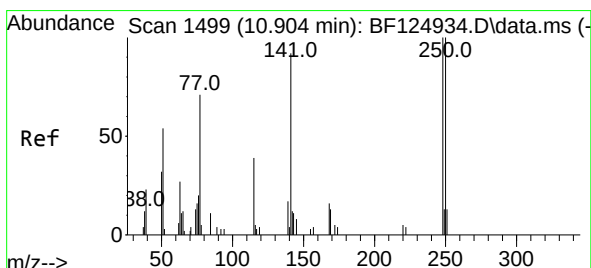
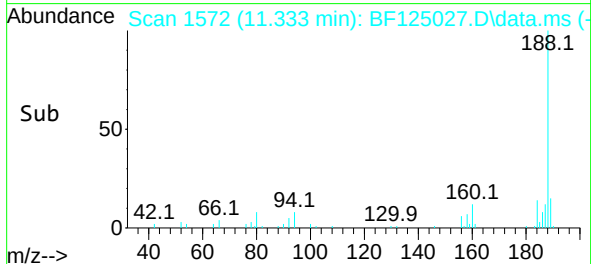
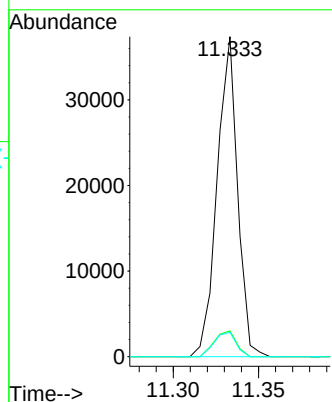
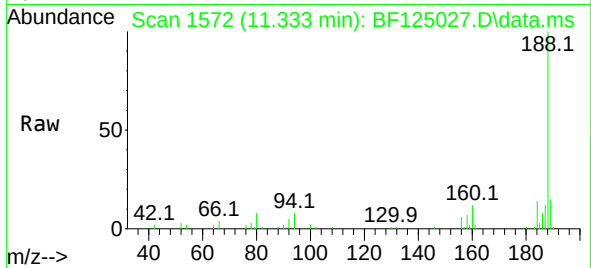




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.333 min Scan# 1572
Delta R.T. 0.000 min
Lab File: BF125027.D
Acq: 10 Aug 2021 12:22

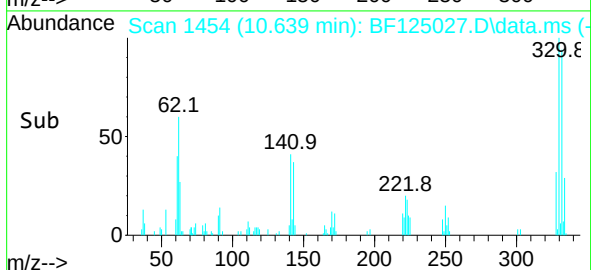
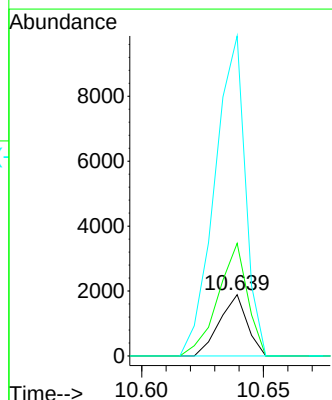
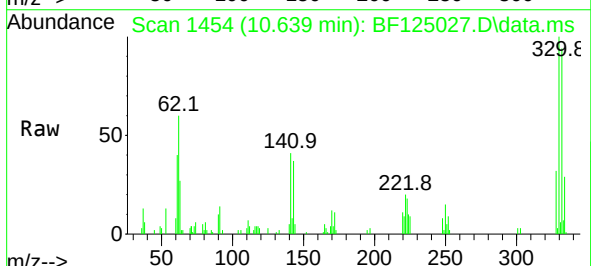
Instrument :
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ClientSampleId :
PB138288BL

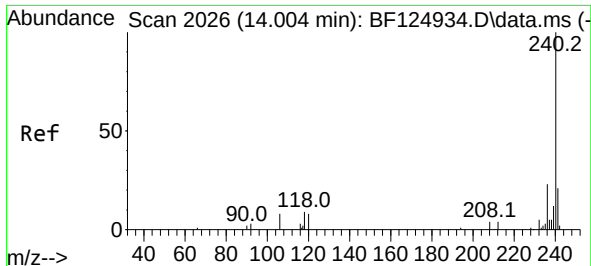
Tgt Ion:188 Resp: 31192
Ion Ratio Lower Upper
188 100
94 8.1 6.7 10.1
80 7.6 7.5 11.3



#67
4-Bromophenyl-phenylether
Concen: 4.361 ng
RT: 10.639 min Scan# 1454
Delta R.T. -0.241 min
Lab File: BF125027.D
Acq: 10 Aug 2021 12:22

Tgt Ion:248 Resp: 1490
Ion Ratio Lower Upper
248 100
250 183.7 74.2 111.4#
141 521.6 60.4 90.6#

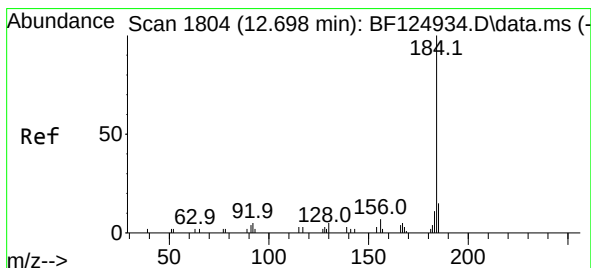
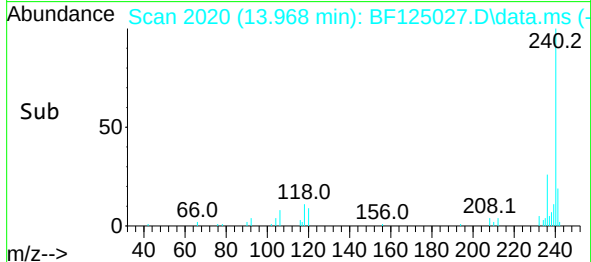
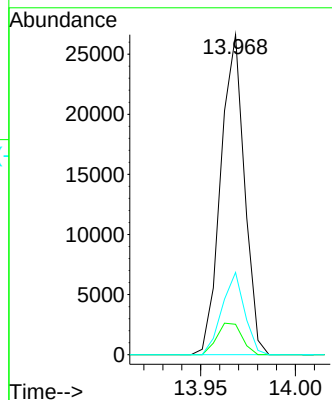
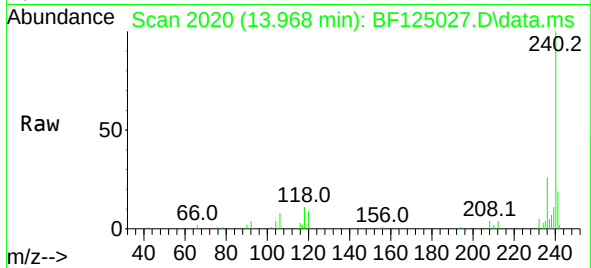




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.968 min Scan# 2020
Delta R.T. -0.006 min
Lab File: BF125027.D
Acq: 10 Aug 2021 12:22

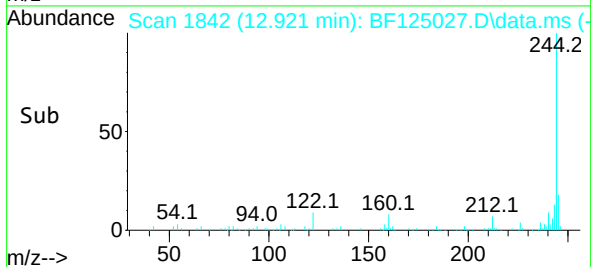
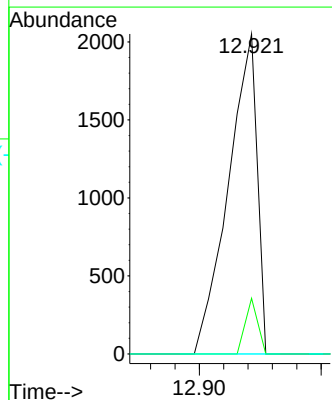
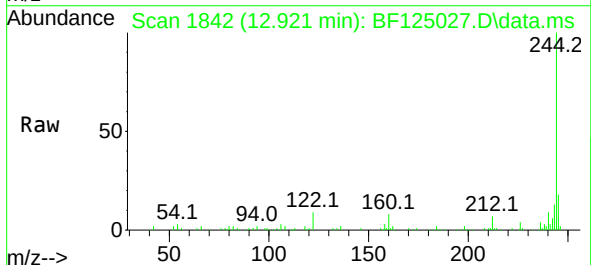
Instrument :
BNA_F
ClientSampleId :
PB138288BL

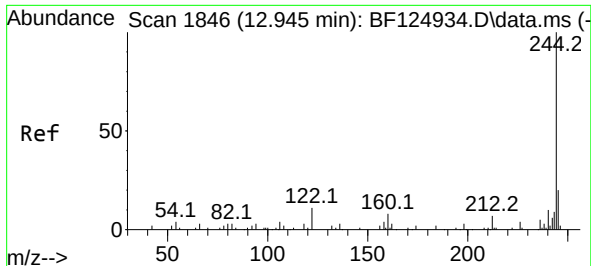
Tgt Ion:240 Resp: 23118
Ion Ratio Lower Upper
240 100
120 9.5 10.8 16.2#
236 25.7 21.6 32.4



#77
Benzidine
Concen: 2.709 ng
RT: 12.921 min Scan# 1842
Delta R.T. 0.253 min
Lab File: BF125027.D
Acq: 10 Aug 2021 12:22

Tgt Ion:184 Resp: 1676
Ion Ratio Lower Upper
184 100
185 17.4 10.8 16.2#
183 0.0 8.1 12.1#

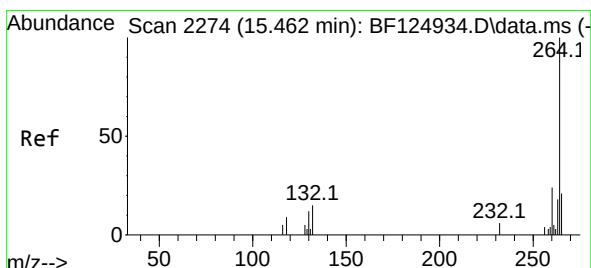
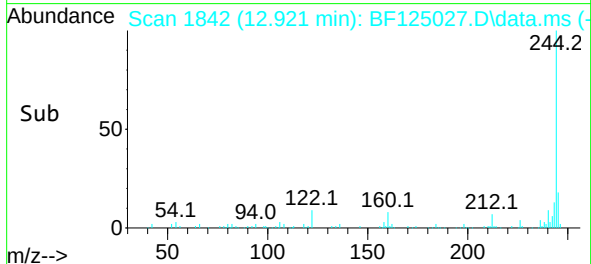
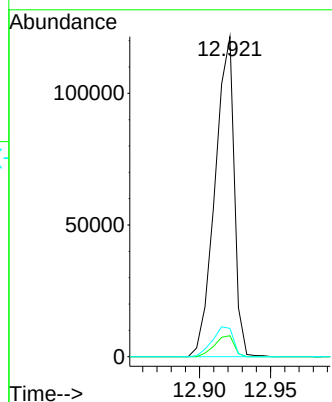
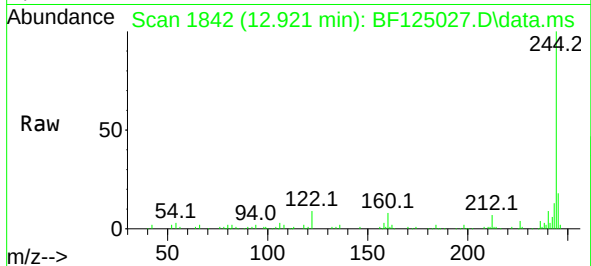




#79
 Terphenyl-d14
 Concen: 83.314 ng
 RT: 12.921 min Scan# 1842
 Delta R.T. 0.006 min
 Lab File: BF125027.D
 Acq: 10 Aug 2021 12:22

Instrument :
 BNA_F
 ClientSampleId :
 PB138288BL

Tgt Ion:244 Resp: 114183
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.9 8.9
 122 8.9 9.0 13.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.415 min Scan# 2266
 Delta R.T. 0.000 min
 Lab File: BF125027.D
 Acq: 10 Aug 2021 12:22

Tgt Ion:264 Resp: 18840
 Ion Ratio Lower Upper
 264 100
 260 22.9 19.6 29.4
 265 18.9 17.2 25.8

