

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081121\
 Data File : BF125053.D
 Acq On : 11 Aug 2021 10:35
 Operator : JU/CG
 Sample : PB138307BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB138307BL

Quant Time: Aug 11 11:10:30 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)

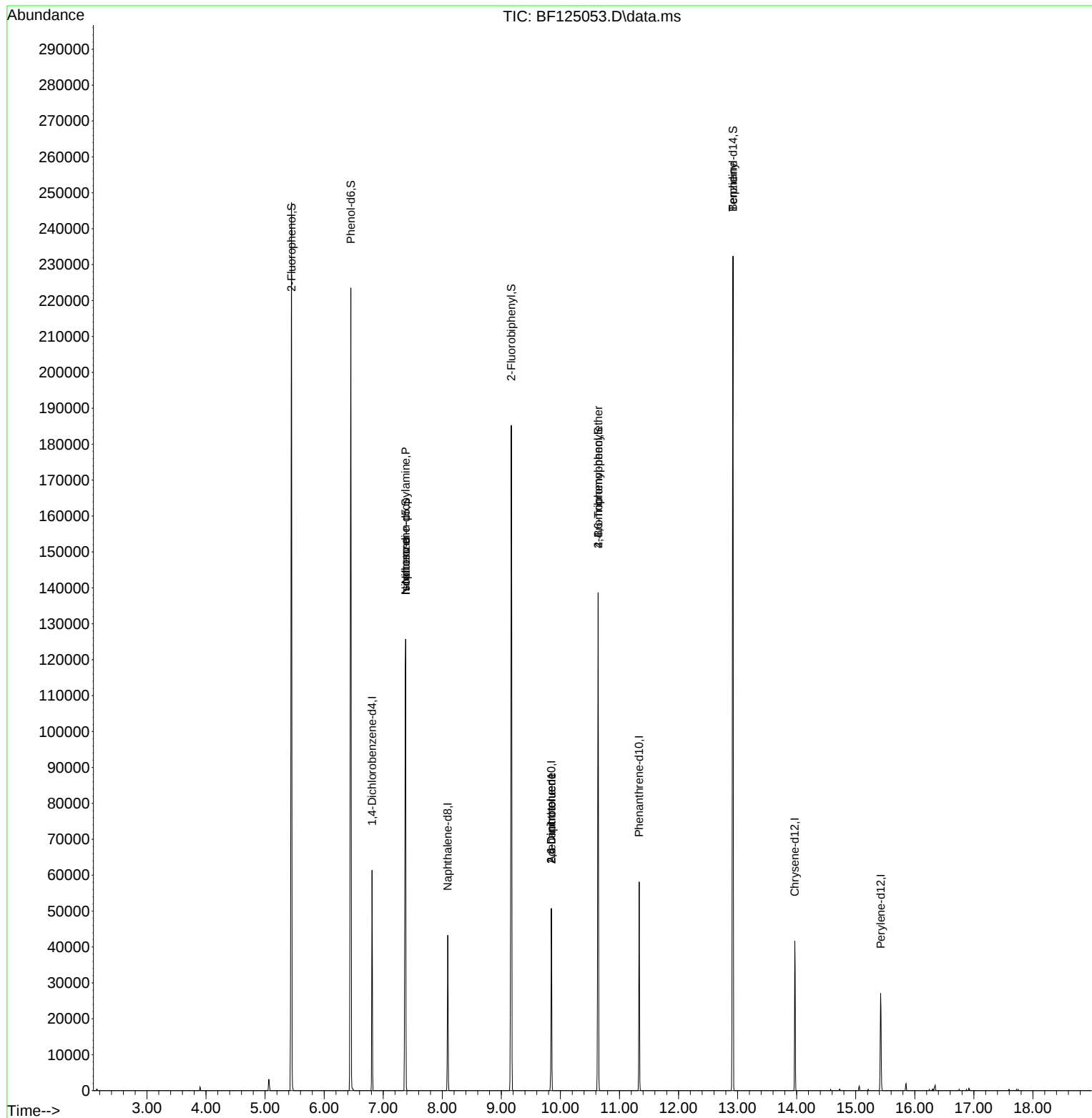
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.810	152	8351	20.000	ng	0.00
21) Naphthalene-d8	8.092	136	18590	20.000	ng	# 0.00
39) Acenaphthene-d10	9.845	164	10934	20.000	ng	0.00
64) Phenanthrene-d10	11.333	188	20012	20.000	ng	0.00
76) Chrysene-d12	13.969	240	15258	20.000	ng	0.00
86) Perylene-d12	15.421	264	13091	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.446	112	64209	125.951	ng	0.01
7) Phenol-d6	6.451	99	75315	117.164	ng	0.00
23) Nitrobenzene-d5	7.381	82	47721	134.288	ng	0.00
42) 2,4,6-Tribromophenol	10.639	330	13292	136.071	ng	0.00
45) 2-Fluorobiphenyl	9.169	172	61966	82.926	ng	0.00
79) Terphenyl-d14	12.922	244	77545	85.729	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.381	70	6539	17.144	ng	# 59
25) Isophorone	7.381	82	47720	78.679	ng	# 59
51) 2,6-Dinitrotoluene	9.845	165	1388	8.413	ng	# 26
57) 2,4-Dinitrotoluene	9.845	165	1388	6.196	ng	# 18
67) 4-Bromophenyl-phenylether	10.639	248	999	4.558	ng	# 1
77) Benzidine	12.922	184	1070	2.621	ng	# 69

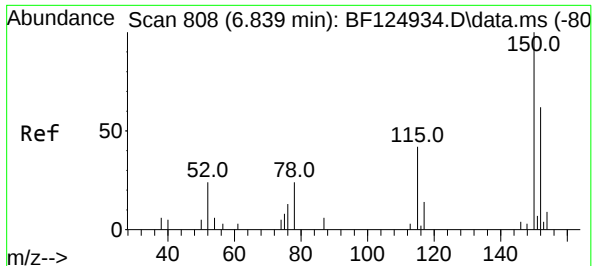
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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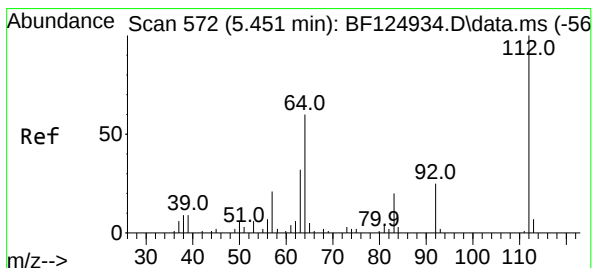
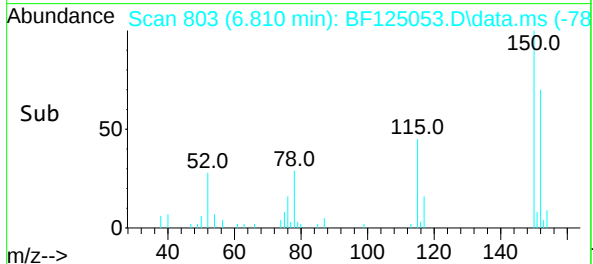
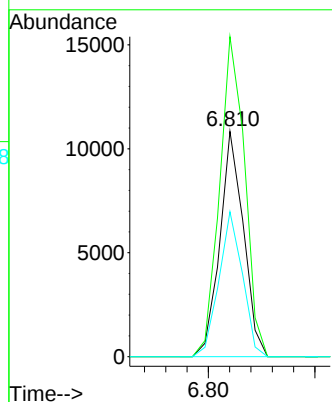
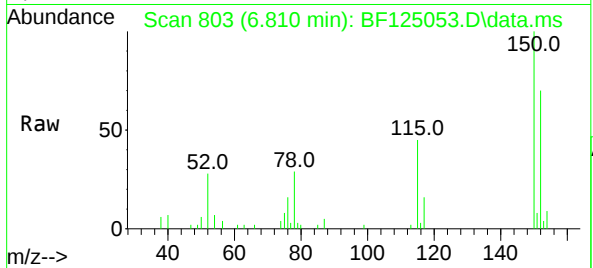




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.810 min Scan# 803
Delta R.T. -0.006 min
Lab File: BF125053.D
Acq: 11 Aug 2021 10:35

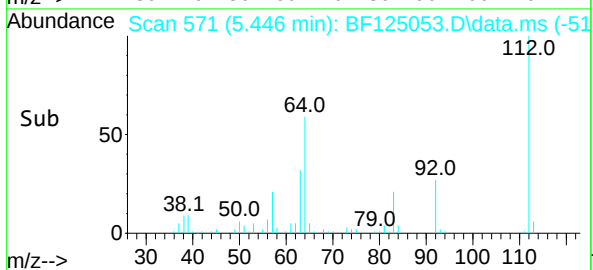
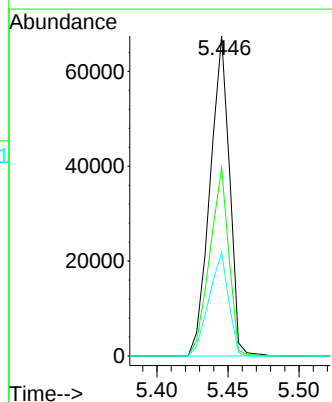
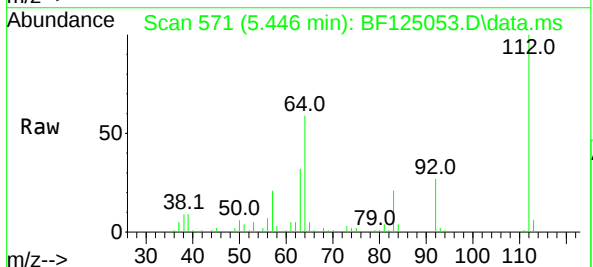
Instrument :
BNA_F
ClientSampleId :
PB138307BL

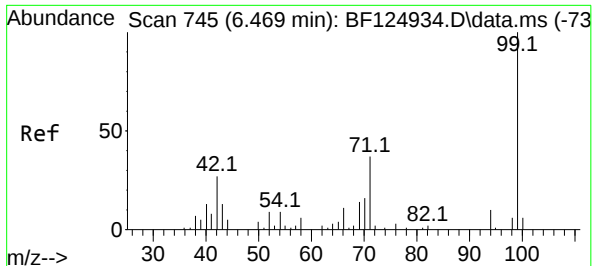
Tgt Ion:152 Resp: 8351
Ion Ratio Lower Upper
152 100
150 142.0 117.6 176.4
115 64.3 47.1 70.7



#5
2-Fluorophenol
Concen: 125.951 ng
RT: 5.446 min Scan# 571
Delta R.T. 0.012 min
Lab File: BF125053.D
Acq: 11 Aug 2021 10:35

Tgt Ion:112 Resp: 64209
Ion Ratio Lower Upper
112 100
64 58.8 44.2 66.2
63 32.4 26.2 39.2

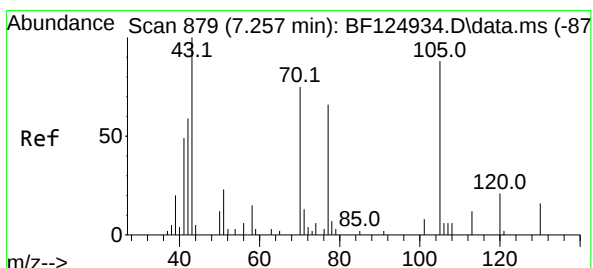
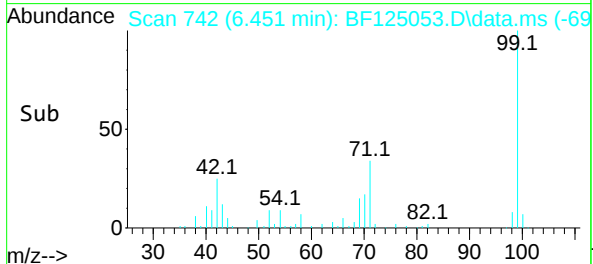
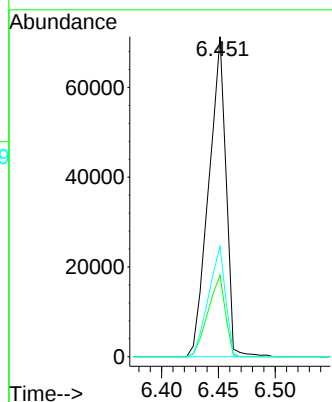
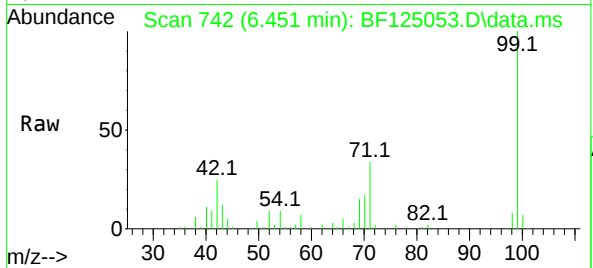




#7
Phenol-d6
Concen: 117.164 ng
RT: 6.451 min Scan# 742
Delta R.T. 0.000 min
Lab File: BF125053.D
Acq: 11 Aug 2021 10:35

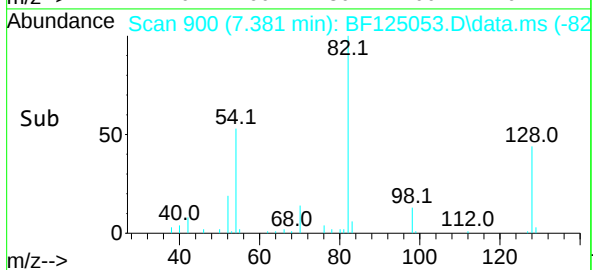
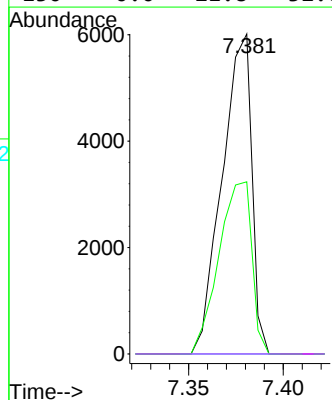
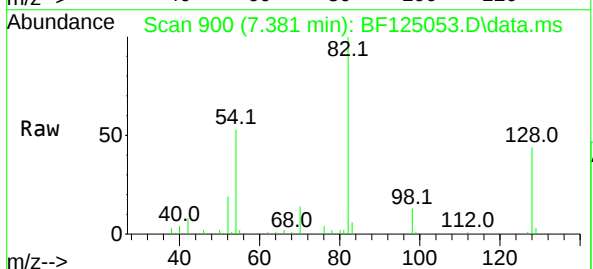
Instrument :
BNA_F
ClientSampleId :
PB138307BL

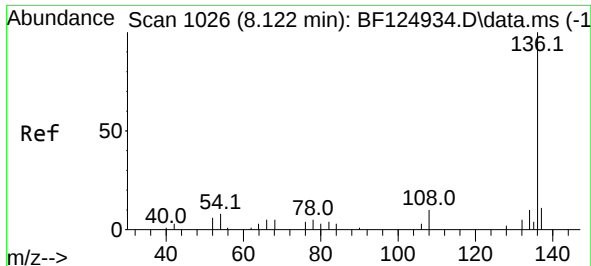
Tgt Ion:	99	Resp:	75315
Ion	Ratio	Lower	Upper
99	100		
42	25.5	23.5	35.3
71	34.4	25.6	38.4



#19
n-Nitroso-di-n-propylamine
Concen: 17.144 ng
RT: 7.381 min Scan# 900
Delta R.T. 0.153 min
Lab File: BF125053.D
Acq: 11 Aug 2021 10:35

Tgt Ion:	70	Resp:	6539
Ion	Ratio	Lower	Upper
70	100		
42	53.8	72.2	108.2#
101	0.0	7.8	11.8#
130	0.0	21.8	32.6#

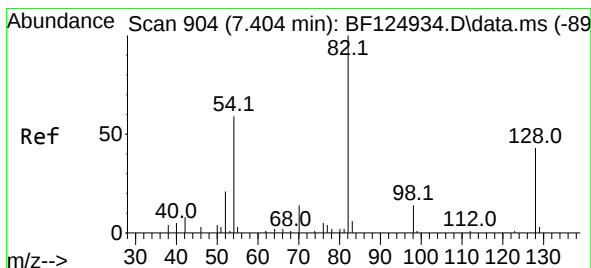
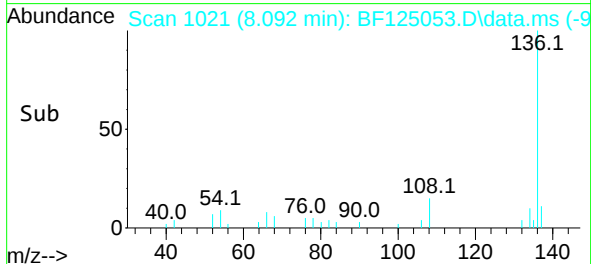
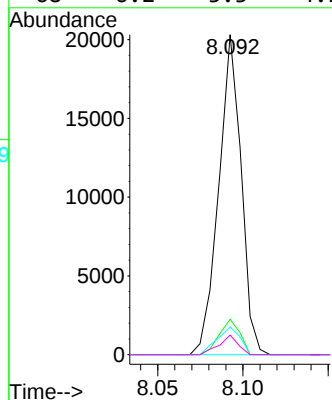
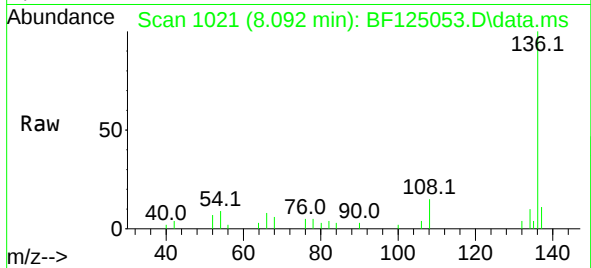




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.092 min Scan# 1021
Delta R.T. -0.006 min
Lab File: BF125053.D
Acq: 11 Aug 2021 10:35

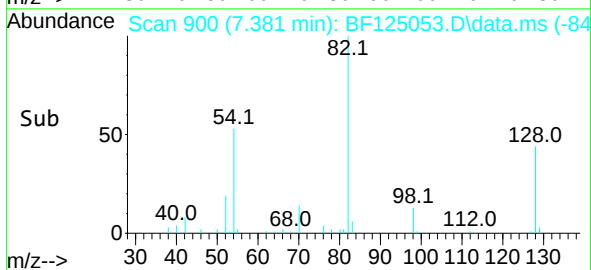
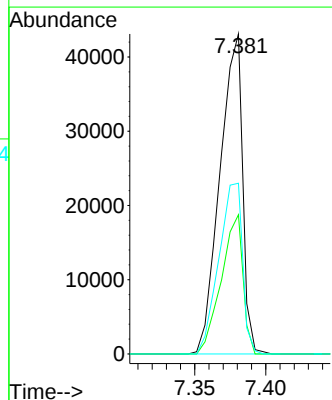
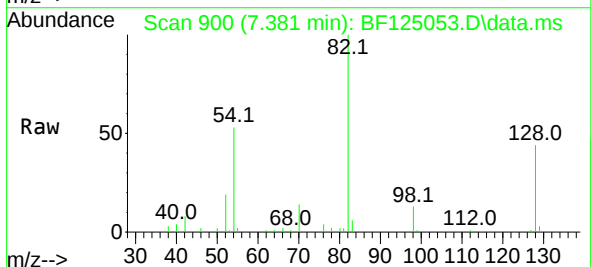
Instrument :
BNA_F
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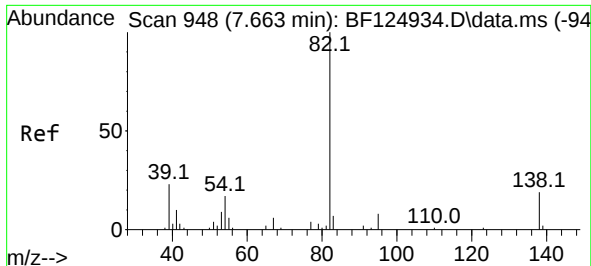
Tgt Ion:136	Resp:	18590
Ion Ratio	Lower	Upper
136	100	
137	11.0	9.8 14.6
54	8.7	6.4 9.6
68	6.2	3.3 4.9



#23
Nitrobenzene-d5
Concen: 134.288 ng
RT: 7.381 min Scan# 900
Delta R.T. 0.000 min
Lab File: BF125053.D
Acq: 11 Aug 2021 10:35

Tgt Ion: 82	Resp:	47721
Ion Ratio	Lower	Upper
82	100	
128	43.5	40.6 60.8
54	53.3	49.6 74.4

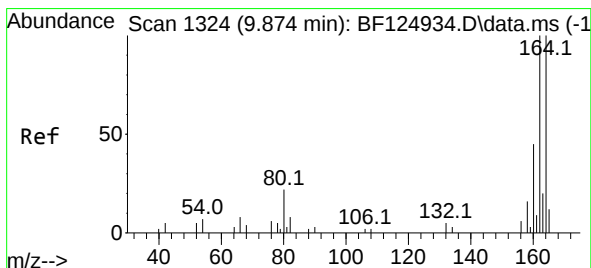
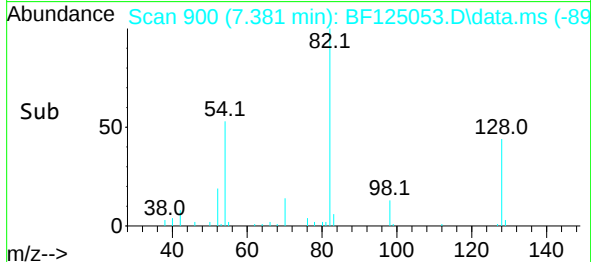
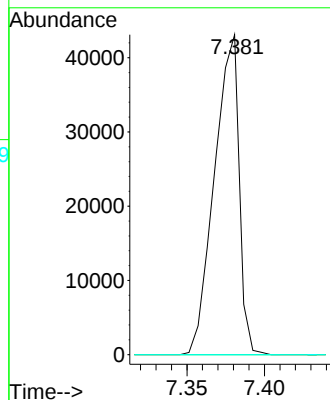
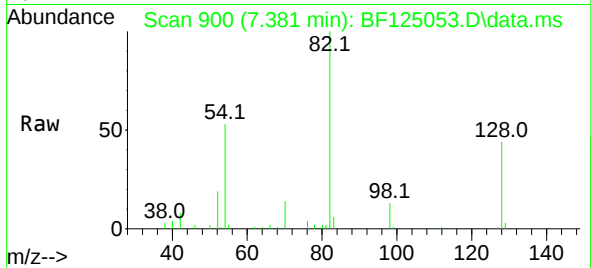




#25
Isophorone
Concen: 78.679 ng
RT: 7.381 min Scan# 900
Delta R.T. -0.259 min
Lab File: BF125053.D
Acq: 11 Aug 2021 10:35

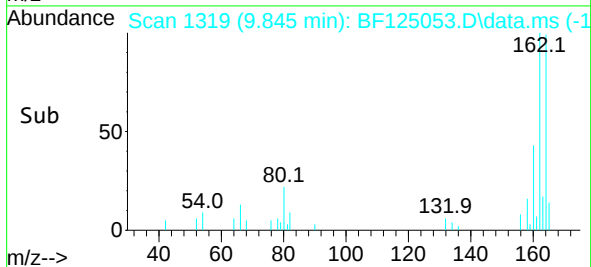
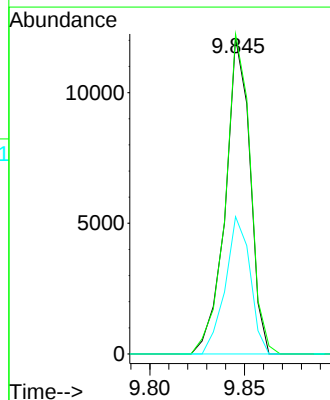
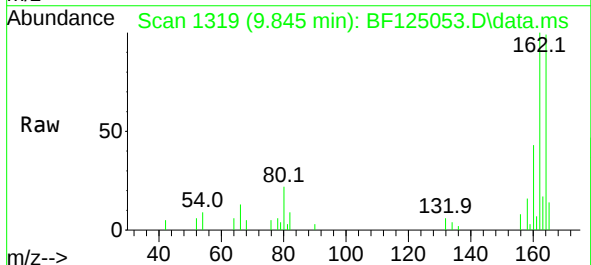
Instrument :
BNA_F
ClientSampleId :
PB138307BL

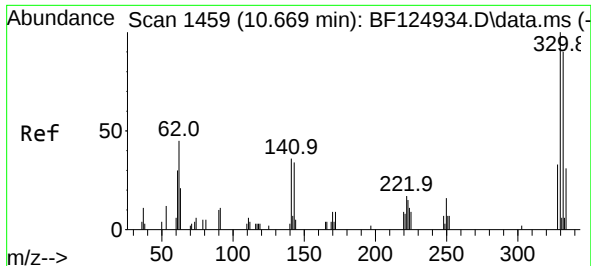
Tgt Ion: 82 Resp: 47720
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.845 min Scan# 1319
Delta R.T. -0.006 min
Lab File: BF125053.D
Acq: 11 Aug 2021 10:35

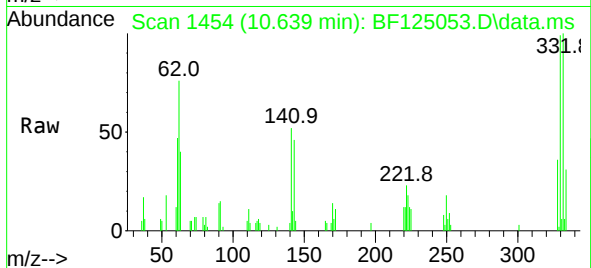
Tgt Ion: 164 Resp: 10934
Ion Ratio Lower Upper
164 100
162 101.1 81.3 121.9
160 43.4 38.0 57.0



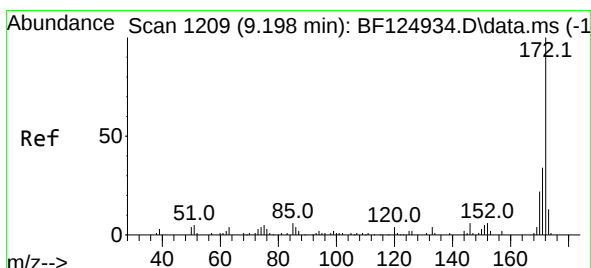
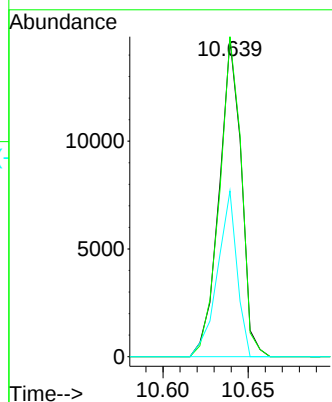
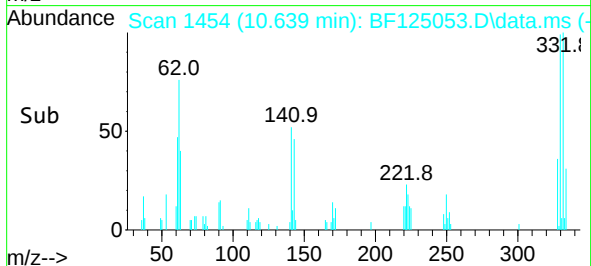


#42
2,4,6-Tribromophenol
Concen: 136.071 ng
RT: 10.639 min Scan# 1454
Delta R.T. 0.000 min
Lab File: BF125053.D
Acq: 11 Aug 2021 10:35

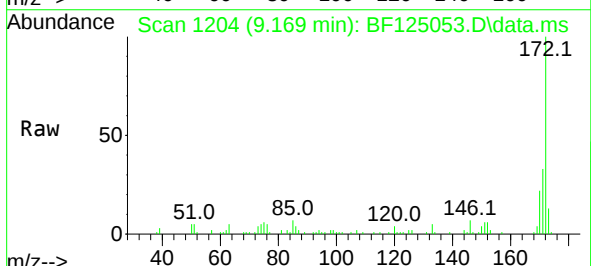
Instrument :
BNA_F
ClientSampleId :
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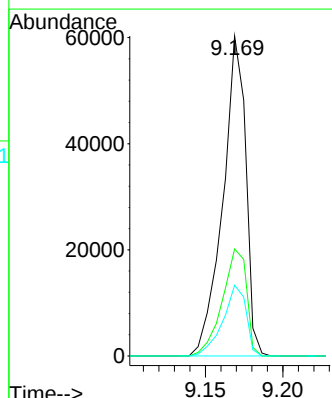
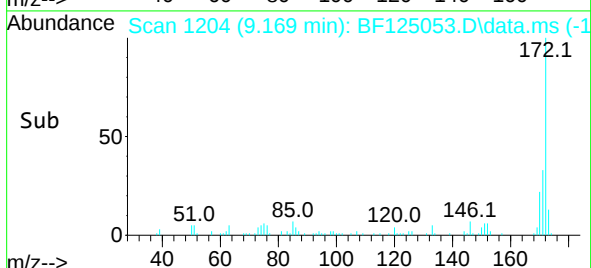
Tgt Ion:330 Resp: 13292
Ion Ratio Lower Upper
330 100
332 99.5 76.2 114.4
141 46.0 44.6 66.8

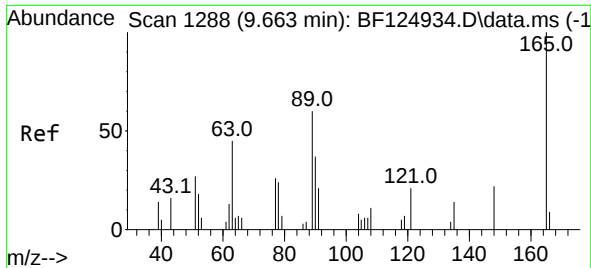


#45
2-Fluorobiphenyl
Concen: 82.926 ng
RT: 9.169 min Scan# 1204
Delta R.T. -0.006 min
Lab File: BF125053.D
Acq: 11 Aug 2021 10:35



Tgt Ion:172 Resp: 61966
Ion Ratio Lower Upper
172 100
171 33.5 26.5 39.7
170 22.1 18.8 28.2

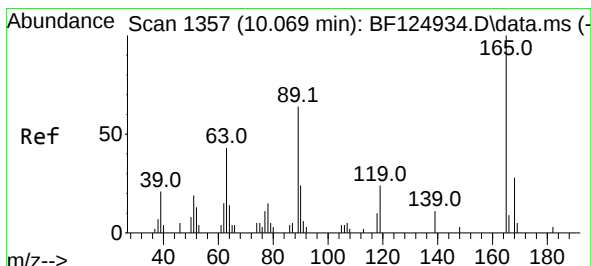
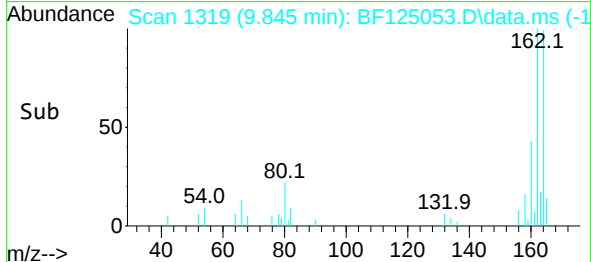
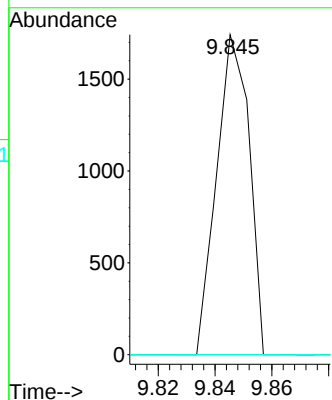
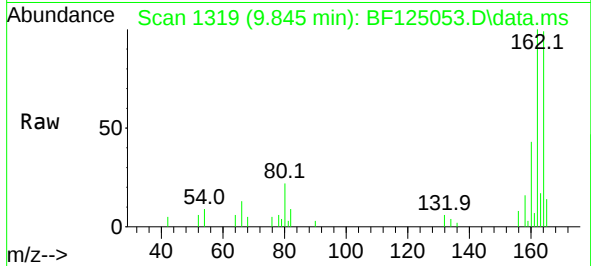




#51
2,6-Dinitrotoluene
Concen: 8.413 ng
RT: 9.845 min Scan# 1319
Delta R.T. 0.206 min
Lab File: BF125053.D
Acq: 11 Aug 2021 10:35

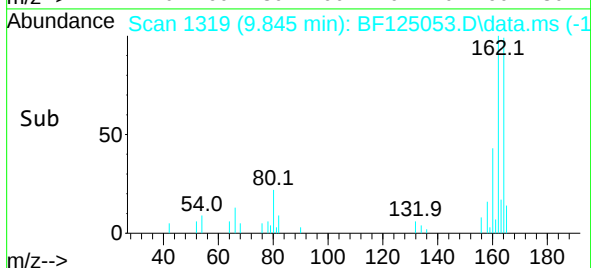
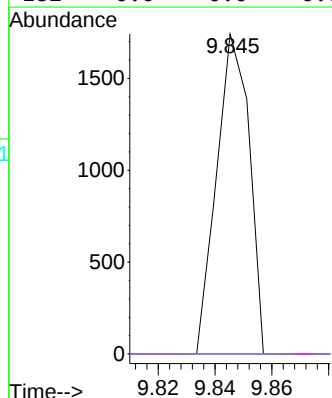
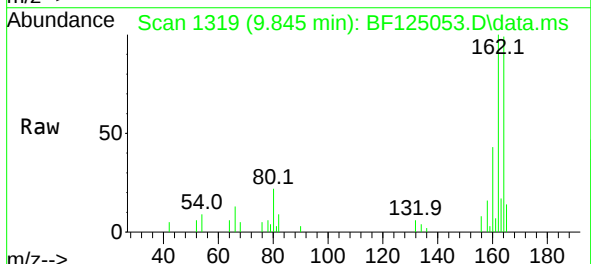
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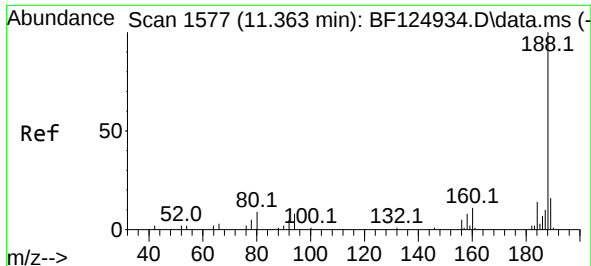
Tgt Ion:165 Resp: 1388
Ion Ratio Lower Upper
165 100
63 0.0 42.6 63.8#
89 0.0 40.6 60.8#



#57
2,4-Dinitrotoluene
Concen: 6.196 ng
RT: 9.845 min Scan# 1319
Delta R.T. -0.200 min
Lab File: BF125053.D
Acq: 11 Aug 2021 10:35

Tgt Ion:165 Resp: 1388
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

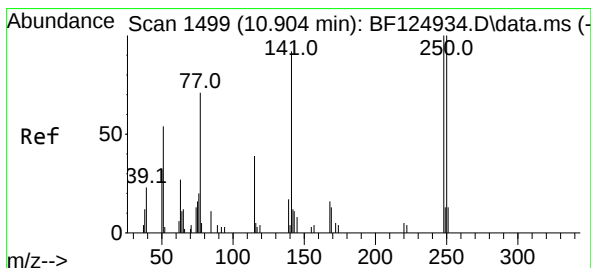
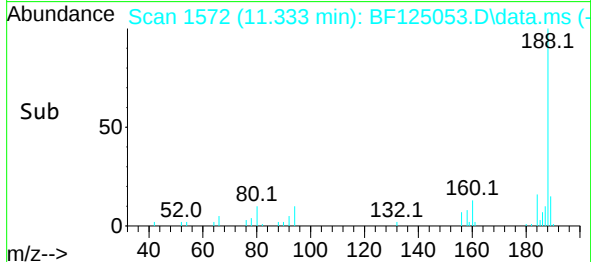
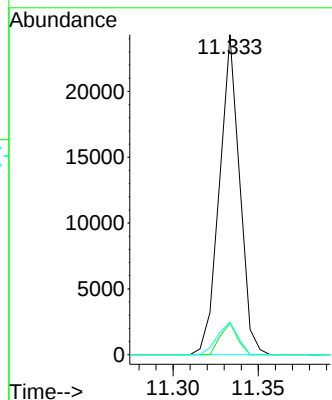
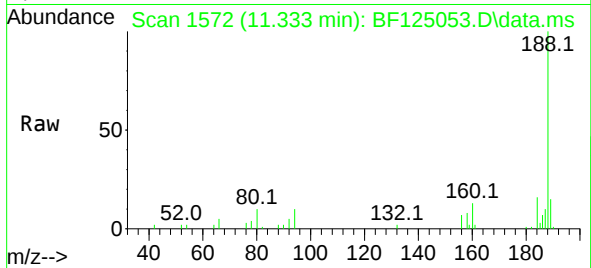




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.333 min Scan# 1572
Delta R.T. 0.000 min
Lab File: BF125053.D
Acq: 11 Aug 2021 10:35

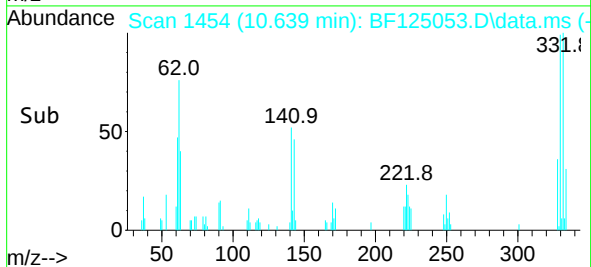
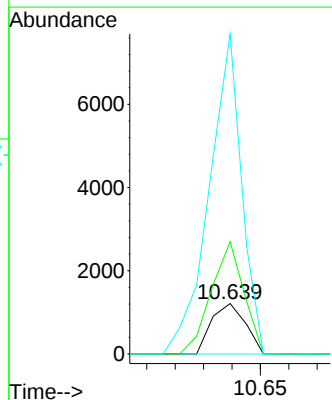
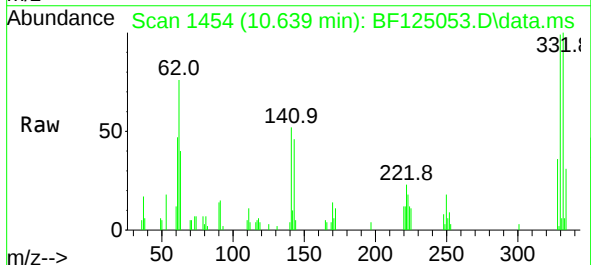
Instrument :
BNA_F
ClientSampleId :
PB138307BL

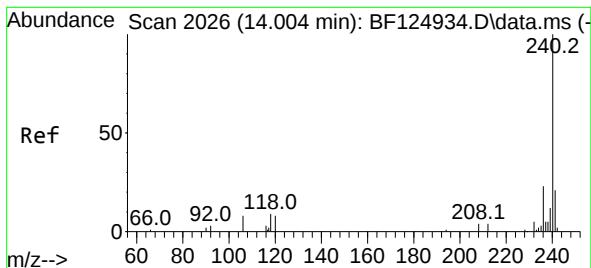
Tgt Ion:188 Resp: 20012
Ion Ratio Lower Upper
188 100
94 9.9 6.7 10.1
80 10.2 7.5 11.3



#67
4-Bromophenyl-phenylether
Concen: 4.558 ng
RT: 10.639 min Scan# 1454
Delta R.T. -0.241 min
Lab File: BF125053.D
Acq: 11 Aug 2021 10:35

Tgt Ion:248 Resp: 999
Ion Ratio Lower Upper
248 100
250 222.5 74.2 111.4#
141 635.2 60.4 90.6#

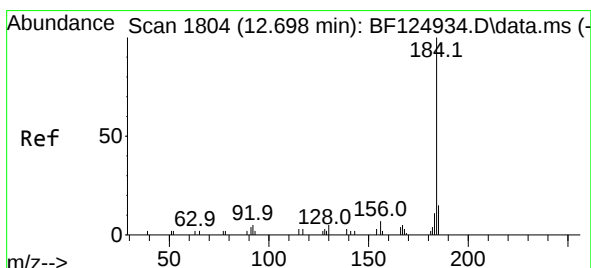
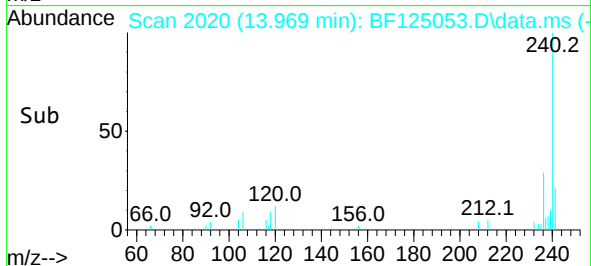
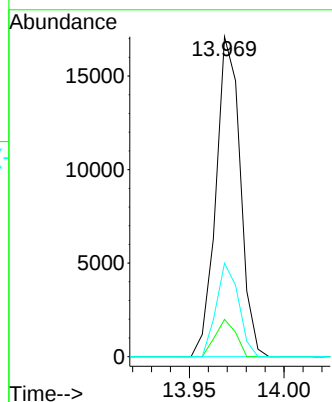
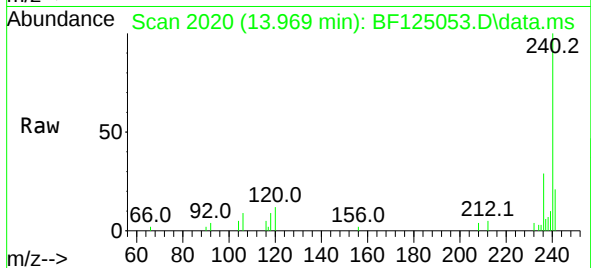




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.969 min Scan# 2020
Delta R.T. -0.006 min
Lab File: BF125053.D
Acq: 11 Aug 2021 10:35

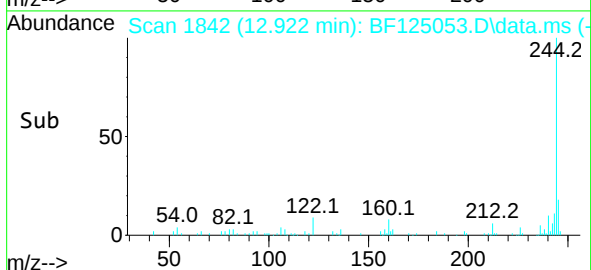
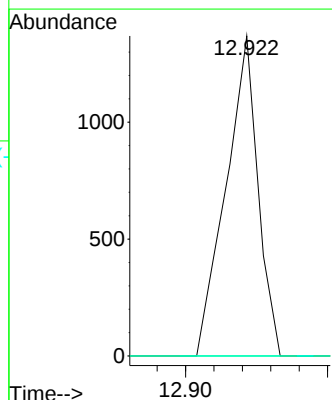
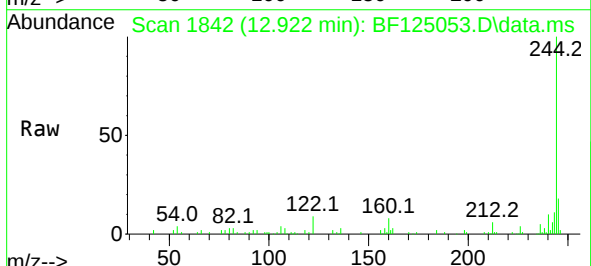
Instrument :
BNA_F
ClientSampleId :
PB138307BL

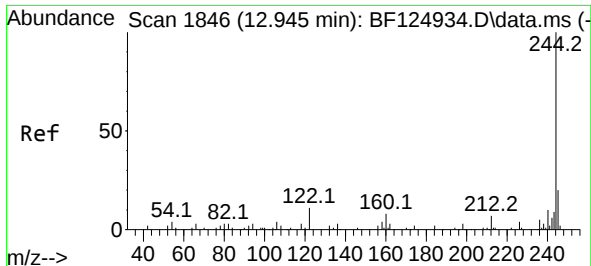
Tgt Ion:240 Resp: 15258
Ion Ratio Lower Upper
240 100
120 11.7 10.8 16.2
236 29.2 21.6 32.4



#77
Benzidine
Concen: 2.621 ng
RT: 12.922 min Scan# 1842
Delta R.T. 0.253 min
Lab File: BF125053.D
Acq: 11 Aug 2021 10:35

Tgt Ion:184 Resp: 1070
Ion Ratio Lower Upper
184 100
185 0.0 10.8 16.2#
183 0.0 8.1 12.1#

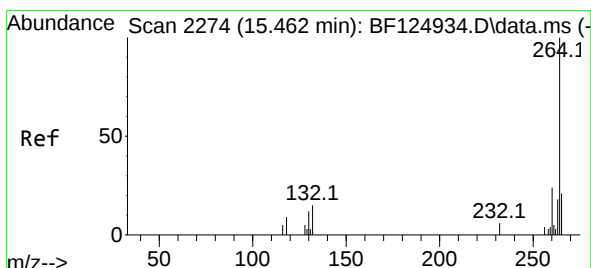
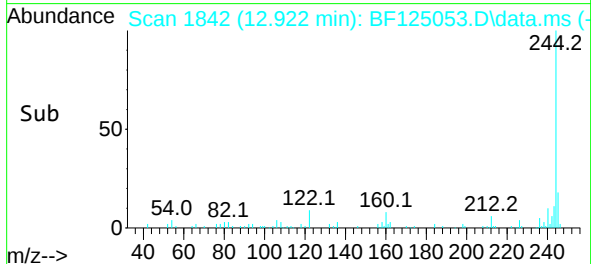
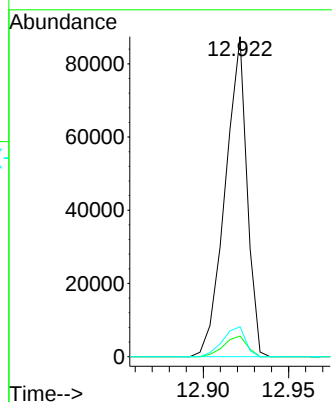
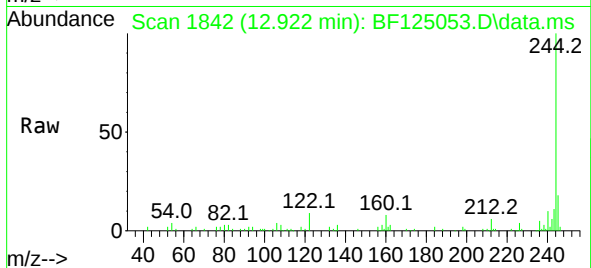




#79
Terphenyl-d14
Concen: 85.729 ng
RT: 12.922 min Scan# 1842
Delta R.T. 0.006 min
Lab File: BF125053.D
Acq: 11 Aug 2021 10:35

Instrument :
BNA_F
ClientSampleId :
PB138307BL

Tgt Ion:244 Resp: 77545
Ion Ratio Lower Upper
244 100
212 6.5 5.9 8.9
122 9.4 9.0 13.4



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.421 min Scan# 2267
Delta R.T. 0.006 min
Lab File: BF125053.D
Acq: 11 Aug 2021 10:35

Tgt Ion:264 Resp: 13091
Ion Ratio Lower Upper
264 100
260 22.4 19.6 29.4
265 18.8 17.2 25.8

