

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081021\
 Data File : BF125030.D
 Acq On : 10 Aug 2021 14:36
 Operator : JU/CG
 Sample : SP5637
 Misc : 625 SURROGATE
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP5637

Quant Time: Aug 10 15:13:39 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)

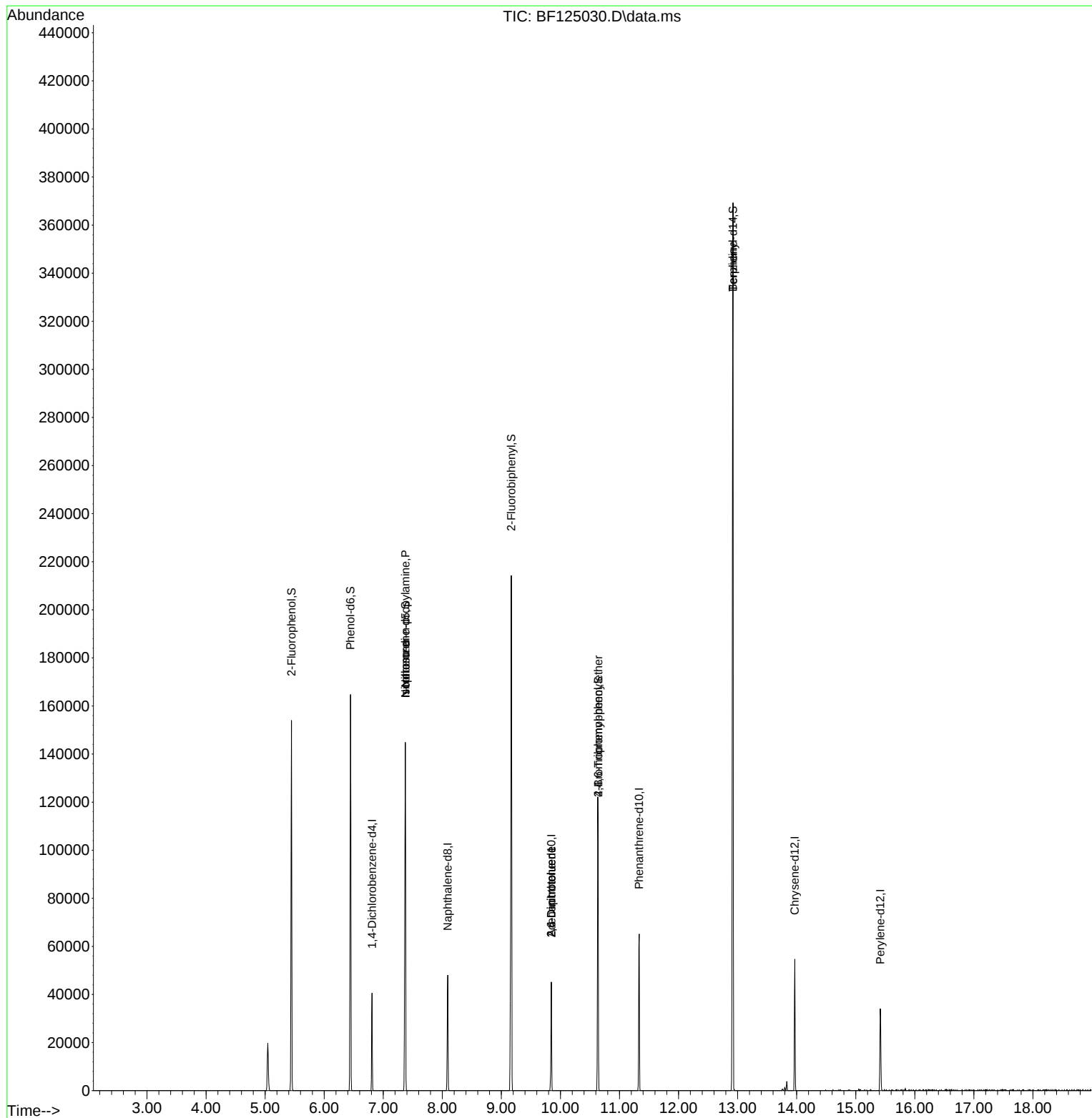
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.810	152	6069	20.000	ng	0.00
21) Naphthalene-d8	8.092	136	24428	20.000	ng	0.00
39) Acenaphthene-d10	9.845	164	9726	20.000	ng	0.00
64) Phenanthrene-d10	11.333	188	26399	20.000	ng	0.00
76) Chrysene-d12	13.968	240	19875	20.000	ng	# 0.00
86) Perylene-d12	15.415	264	17038	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.445	112	37387	100.913	ng	0.01
7) Phenol-d6	6.445	99	52522	112.428	ng	0.00
23) Nitrobenzene-d5	7.375	82	52355	112.119	ng	0.00
42) 2,4,6-Tribromophenol	10.639	330	13528	155.688	ng	0.00
45) 2-Fluorobiphenyl	9.169	172	71543	107.634	ng	0.00
79) Terphenyl-d14	12.921	244	127173	107.934	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.375	70	6644	23.969	ng	# 65
25) Isophorone	7.375	82	52368	65.707	ng	# 59
51) 2,6-Dinitrotoluene	9.845	165	1220	8.313	ng	# 26
57) 2,4-Dinitrotoluene	9.845	165	1220	6.123	ng	# 18
67) 4-Bromophenyl-phenylether	10.639	248	828	2.864	ng	# 1
77) Benzidine	12.921	184	1839	3.458	ng	# 85

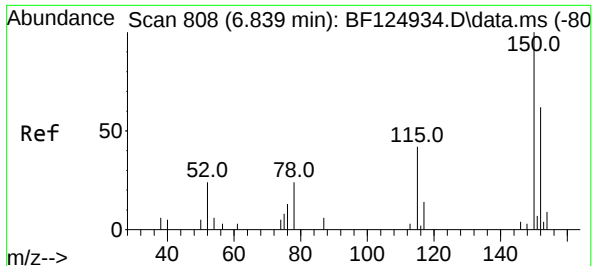
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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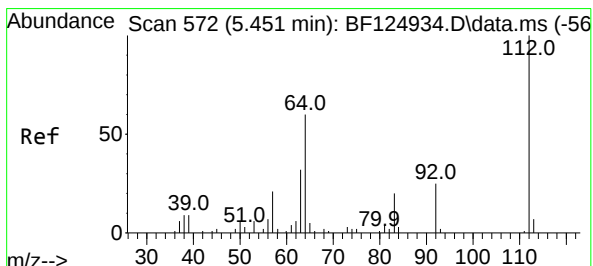
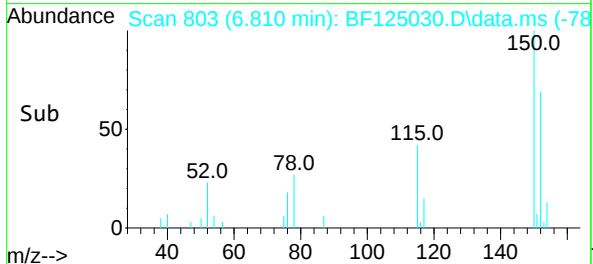
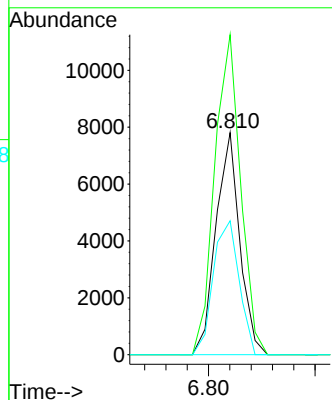
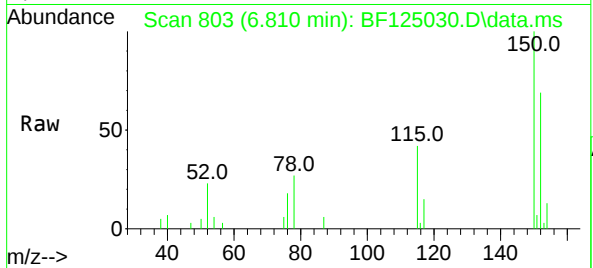




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.810 min Scan# 803
Delta R.T. -0.006 min
Lab File: BF125030.D
Acq: 10 Aug 2021 14:36

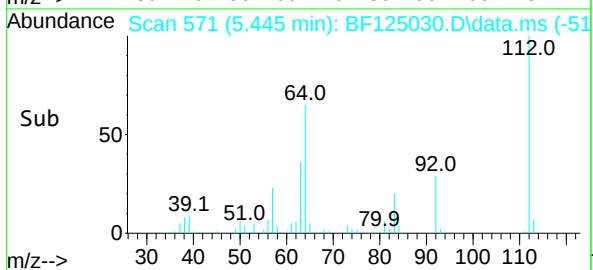
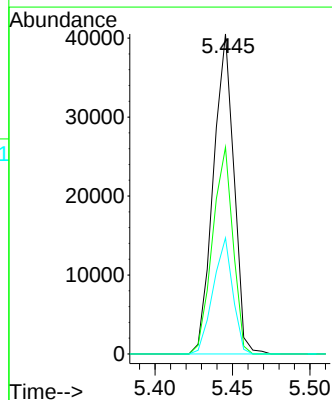
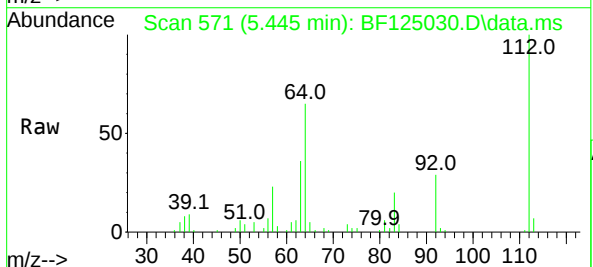
Instrument :
BNA_F
ClientSampleId :
SP5637

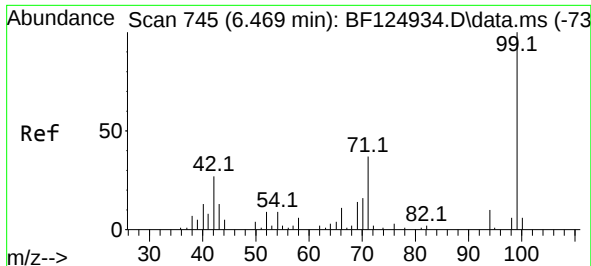
Tgt Ion:152 Resp: 6069
Ion Ratio Lower Upper
152 100
150 144.1 117.6 176.4
115 60.3 47.1 70.7



#5
2-Fluorophenol
Concen: 100.913 ng
RT: 5.445 min Scan# 571
Delta R.T. 0.012 min
Lab File: BF125030.D
Acq: 10 Aug 2021 14:36

Tgt Ion:112 Resp: 37387
Ion Ratio Lower Upper
112 100
64 64.6 44.2 66.2
63 36.2 26.2 39.2

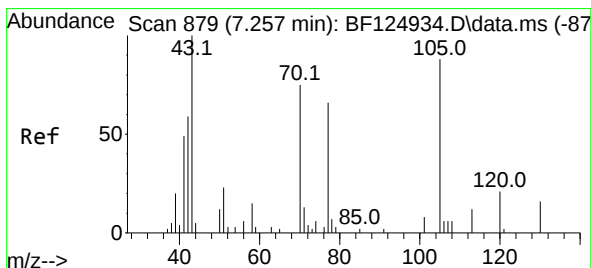
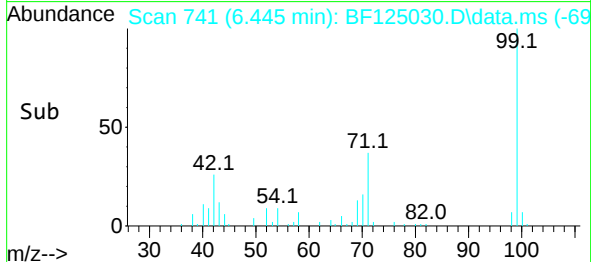
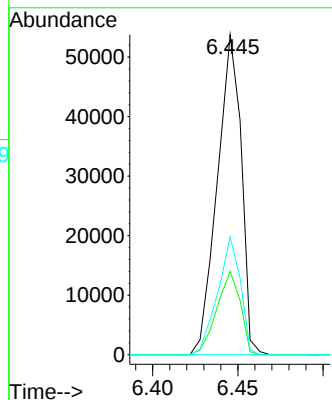
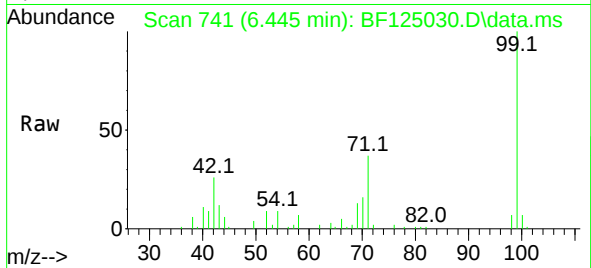




#7
Phenol-d6
Concen: 112.428 ng
RT: 6.445 min Scan# 741
Delta R.T. -0.006 min
Lab File: BF125030.D
Acq: 10 Aug 2021 14:36

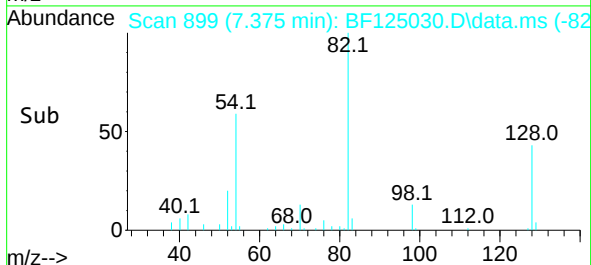
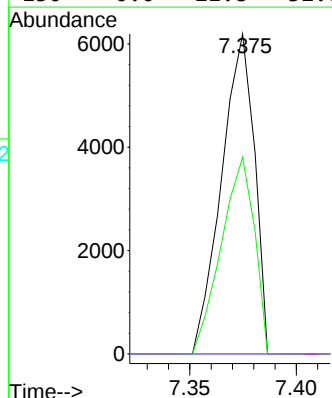
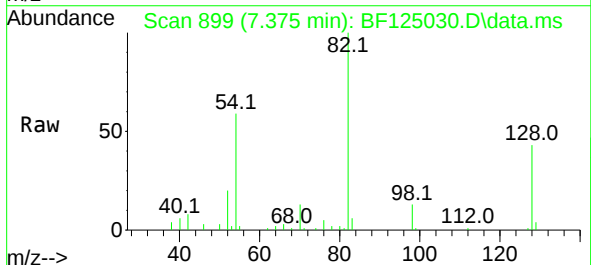
Instrument :
BNA_F
ClientSampleId :
SP5637

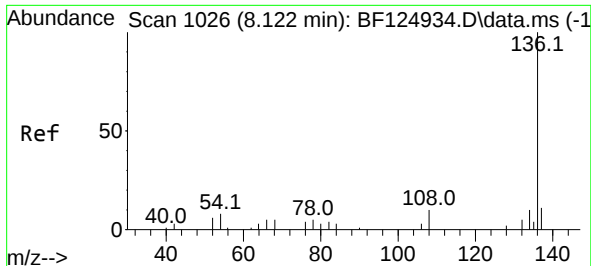
Tgt Ion: 99 Resp: 52522
Ion Ratio Lower Upper
99 100
42 26.1 23.5 35.3
71 36.8 25.6 38.4



#19
n-Nitroso-di-n-propylamine
Concen: 23.969 ng
RT: 7.375 min Scan# 899
Delta R.T. 0.147 min
Lab File: BF125030.D
Acq: 10 Aug 2021 14:36

Tgt Ion: 70 Resp: 6644
Ion Ratio Lower Upper
70 100
42 61.5 72.2 108.2#
101 0.0 7.8 11.8#
130 0.0 21.8 32.6#

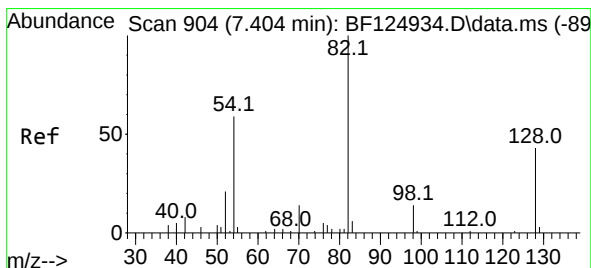
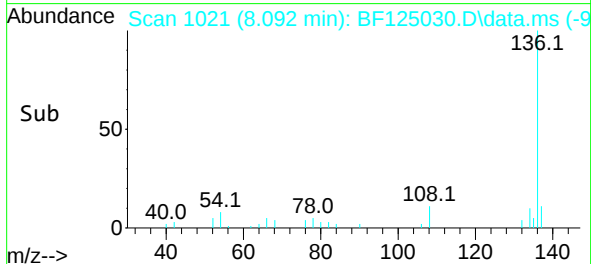
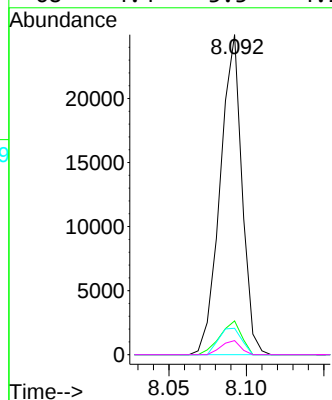
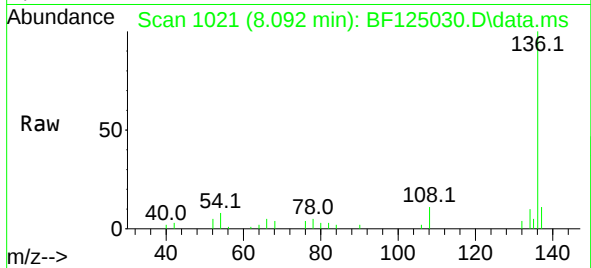




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.092 min Scan# 1021
Delta R.T. -0.006 min
Lab File: BF125030.D
Acq: 10 Aug 2021 14:36

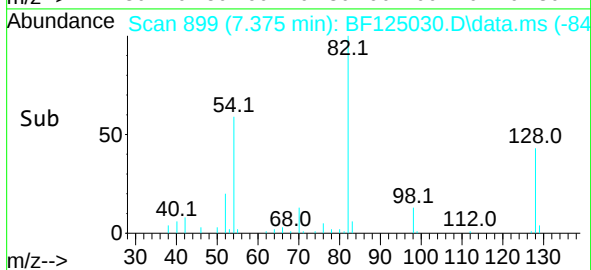
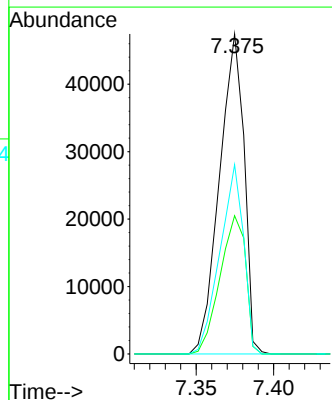
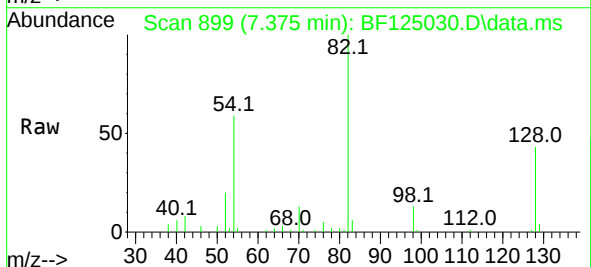
Instrument :
BNA_F
ClientSampleId :
SP5637

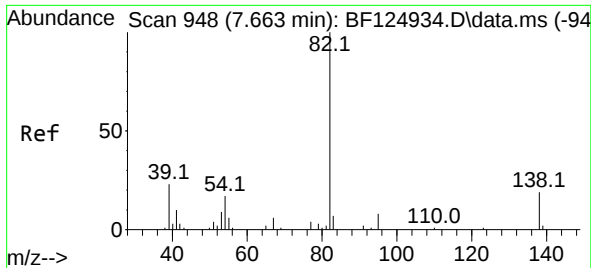
Tgt Ion:136	Resp:	24428
Ion Ratio	Lower	Upper
136	100	
137	10.5	9.8 14.6
54	8.3	6.4 9.6
68	4.4	3.3 4.9



#23
Nitrobenzene-d5
Concen: 112.119 ng
RT: 7.375 min Scan# 899
Delta R.T. -0.006 min
Lab File: BF125030.D
Acq: 10 Aug 2021 14:36

Tgt Ion: 82	Resp:	52355
Ion Ratio	Lower	Upper
82	100	
128	43.2	40.6 60.8
54	59.1	49.6 74.4

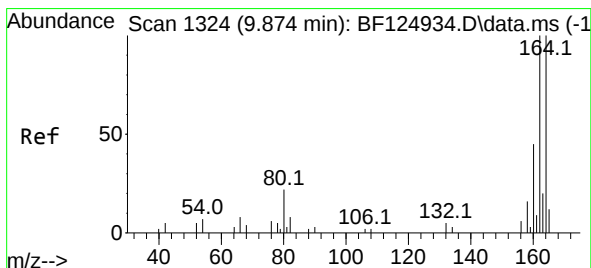
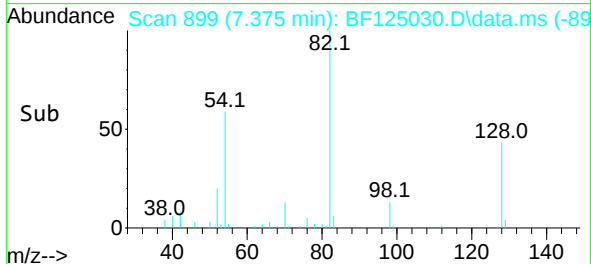
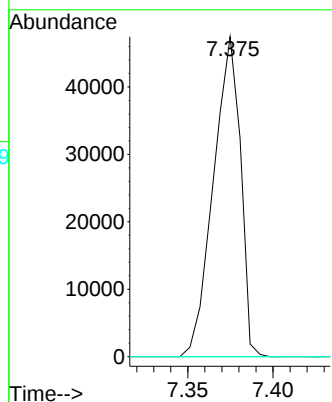
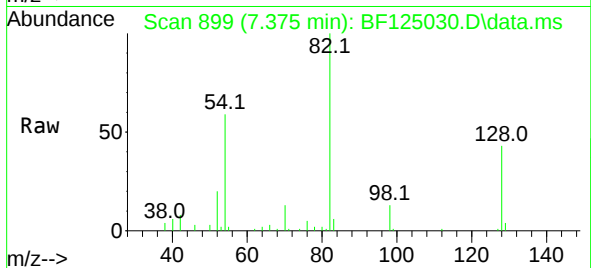




#25
Isophorone
Concen: 65.707 ng
RT: 7.375 min Scan# 899
Delta R.T. -0.265 min
Lab File: BF125030.D
Acq: 10 Aug 2021 14:36

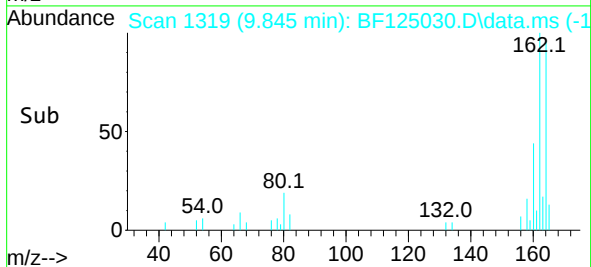
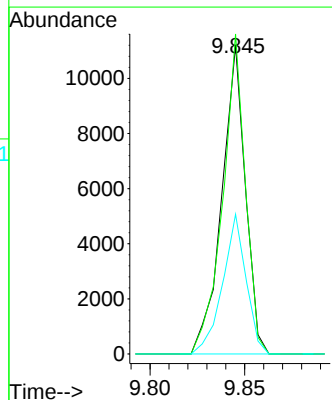
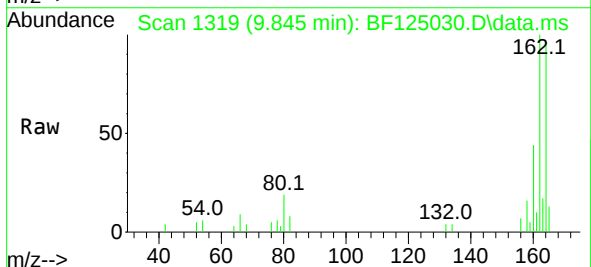
Instrument :
BNA_F
ClientSampleID :
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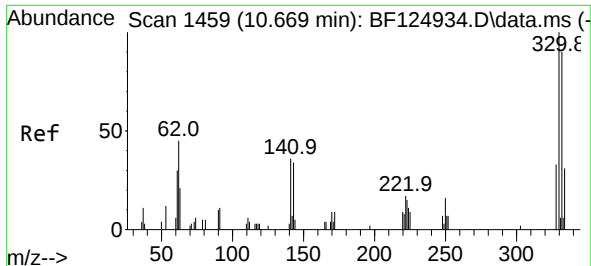
Tgt Ion: 82 Resp: 52368
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.845 min Scan# 1319
Delta R.T. -0.006 min
Lab File: BF125030.D
Acq: 10 Aug 2021 14:36

Tgt Ion:164 Resp: 9726
Ion Ratio Lower Upper
164 100
162 103.7 81.3 121.9
160 45.3 38.0 57.0

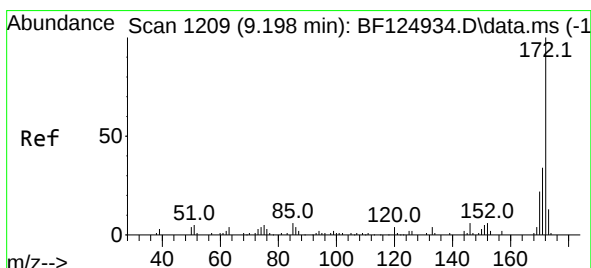
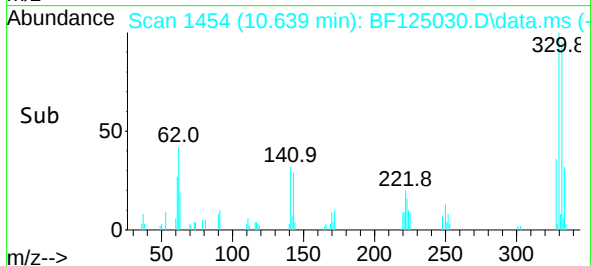
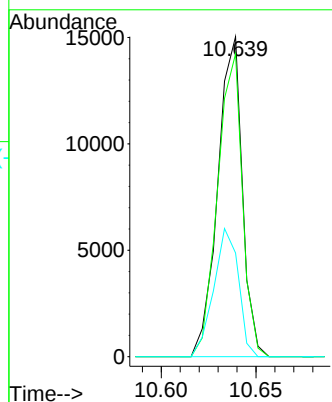
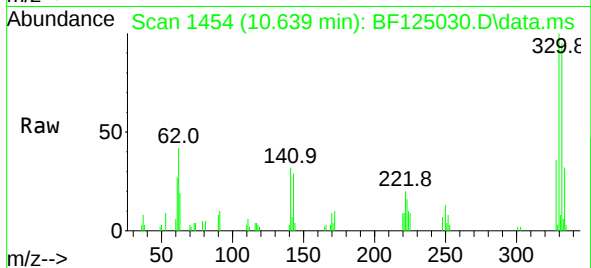




#42
2,4,6-Tribromophenol
Concen: 155.688 ng
RT: 10.639 min Scan# 1454
Delta R.T. 0.000 min
Lab File: BF125030.D
Acq: 10 Aug 2021 14:36

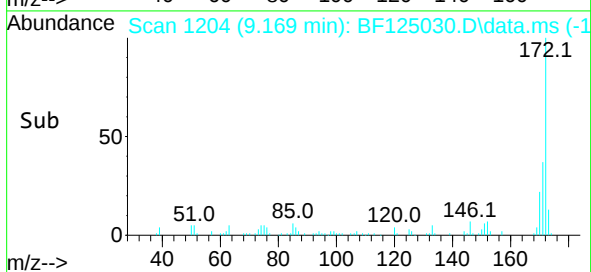
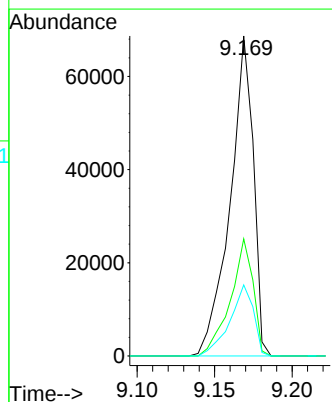
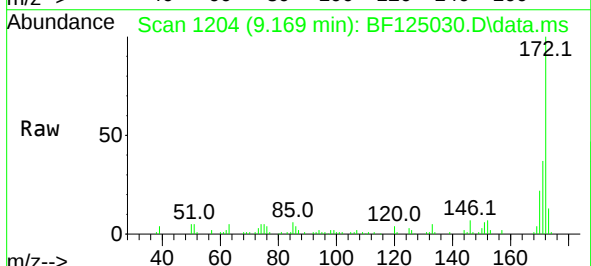
Instrument :
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ClientSampled :
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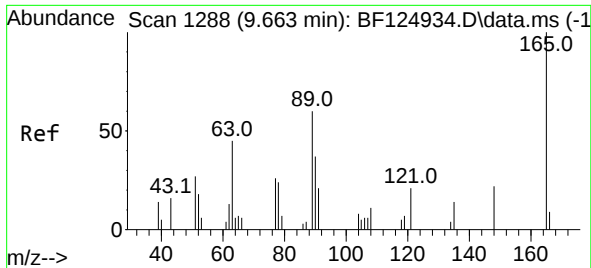
Tgt Ion: 330 Resp: 13528
Ion Ratio Lower Upper
330 100
332 95.4 76.2 114.4
141 40.5 44.6 66.8#



#45
2-Fluorobiphenyl
Concen: 107.634 ng
RT: 9.169 min Scan# 1204
Delta R.T. -0.006 min
Lab File: BF125030.D
Acq: 10 Aug 2021 14:36

Tgt Ion: 172 Resp: 71543
Ion Ratio Lower Upper
172 100
171 36.6 26.5 39.7
170 22.2 18.8 28.2

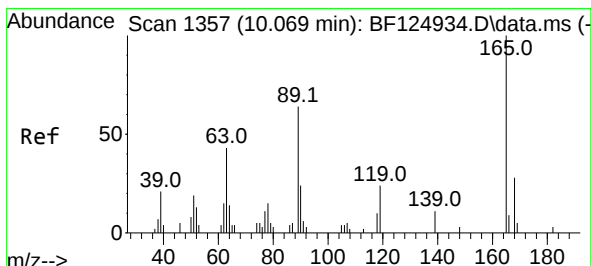
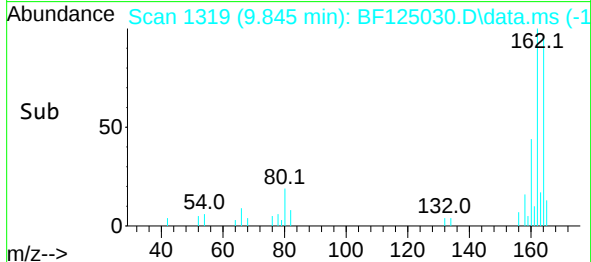
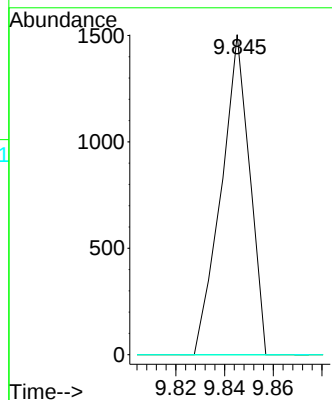
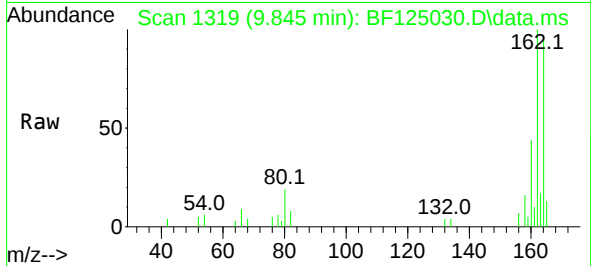




#51
2,6-Dinitrotoluene
Concen: 8.313 ng
RT: 9.845 min Scan# 1319
Delta R.T. 0.206 min
Lab File: BF125030.D
Acq: 10 Aug 2021 14:36

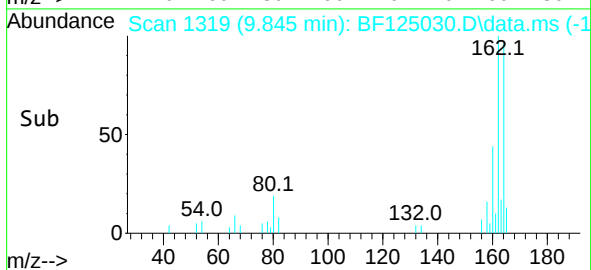
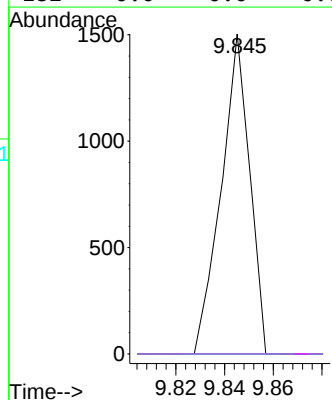
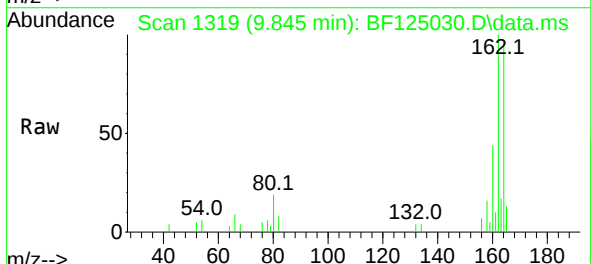
Instrument :
BNA_F
ClientSampled :
SP5637

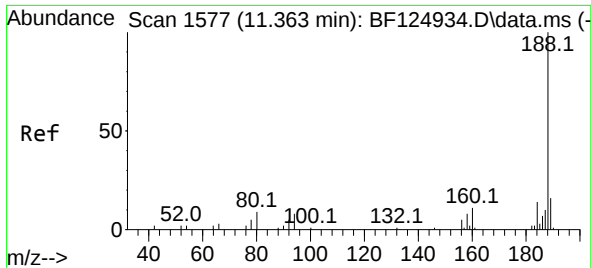
Tgt Ion:165 Resp: 1220
Ion Ratio Lower Upper
165 100
63 0.0 42.6 63.8#
89 0.0 40.6 60.8#



#57
2,4-Dinitrotoluene
Concen: 6.123 ng
RT: 9.845 min Scan# 1319
Delta R.T. -0.200 min
Lab File: BF125030.D
Acq: 10 Aug 2021 14:36

Tgt Ion:165 Resp: 1220
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

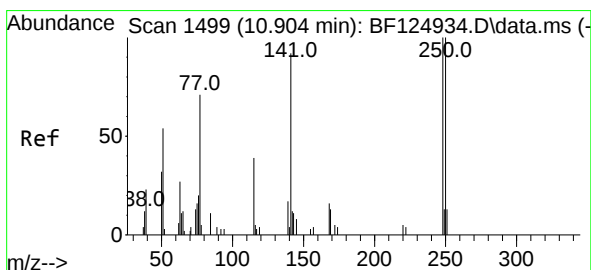
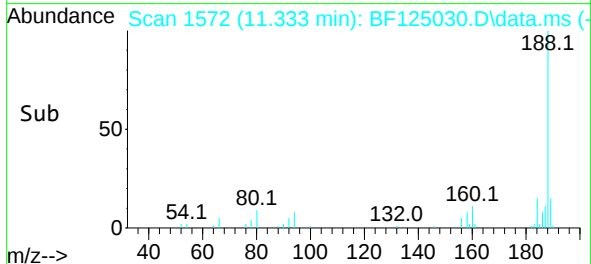
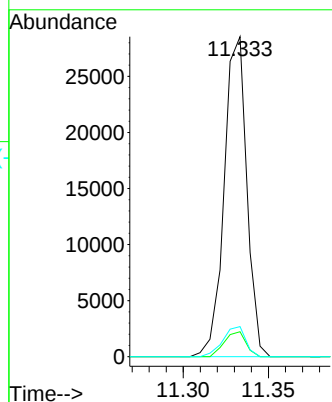
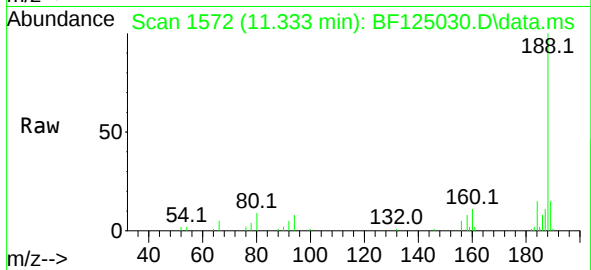




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.333 min Scan# 1572
Delta R.T. 0.000 min
Lab File: BF125030.D
Acq: 10 Aug 2021 14:36

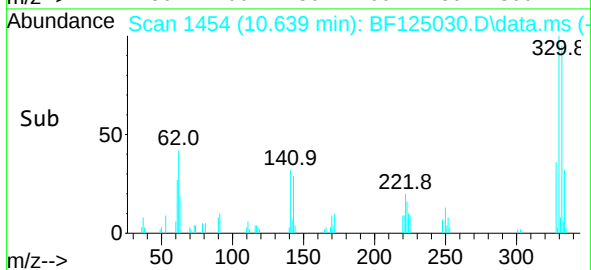
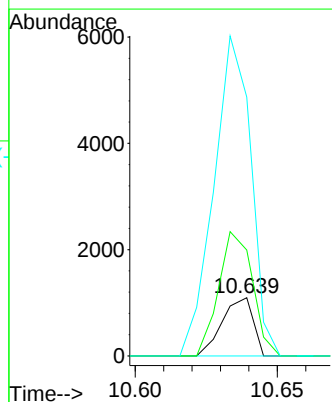
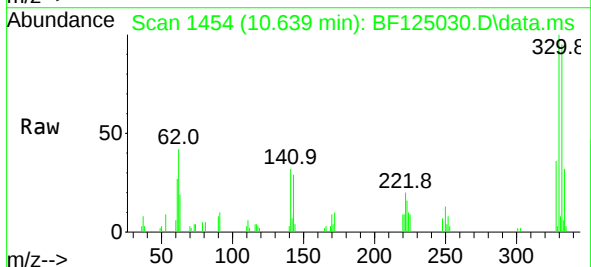
Instrument :
BNA_F
ClientSampleId :
SP5637

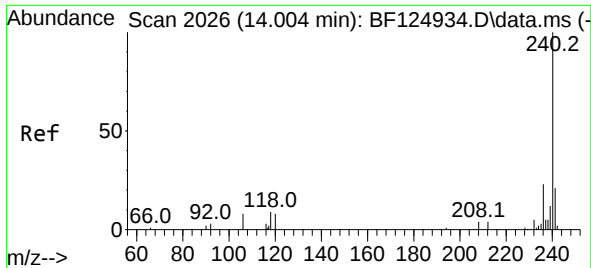
Tgt Ion:188 Resp: 26399
Ion Ratio Lower Upper
188 100
94 7.8 6.7 10.1
80 9.4 7.5 11.3



#67
4-Bromophenyl-phenylether
Concen: 2.864 ng
RT: 10.639 min Scan# 1454
Delta R.T. -0.241 min
Lab File: BF125030.D
Acq: 10 Aug 2021 14:36

Tgt Ion:248 Resp: 828
Ion Ratio Lower Upper
248 100
250 181.8 74.2 111.4#
141 444.3 60.4 90.6#

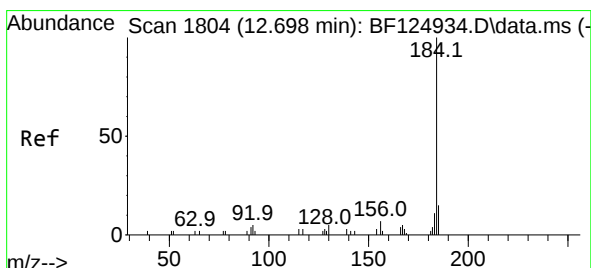
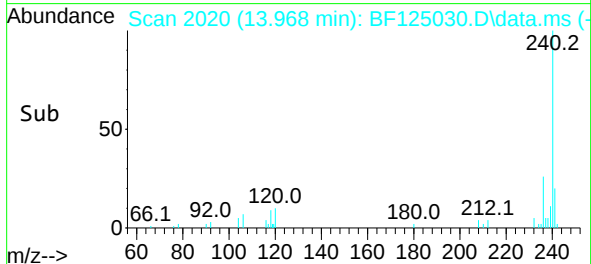
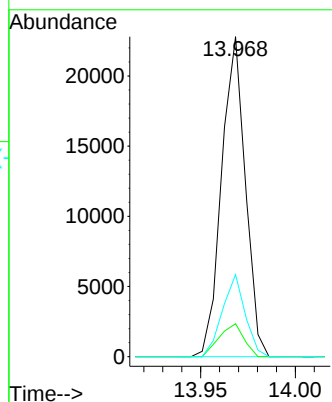
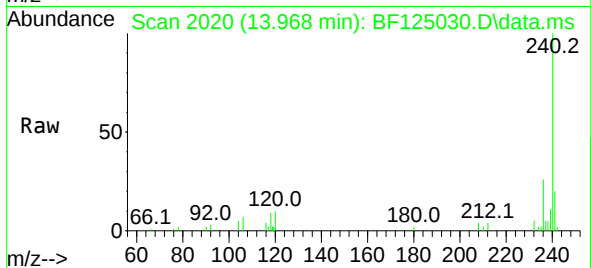




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.968 min Scan# 2020
Delta R.T. -0.006 min
Lab File: BF125030.D
Acq: 10 Aug 2021 14:36

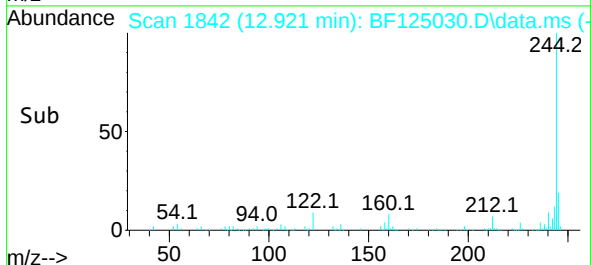
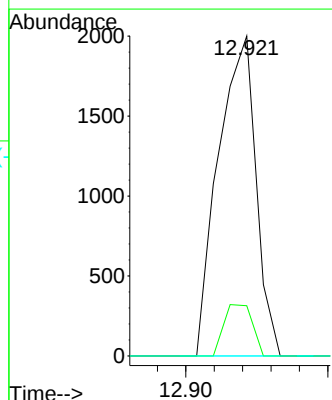
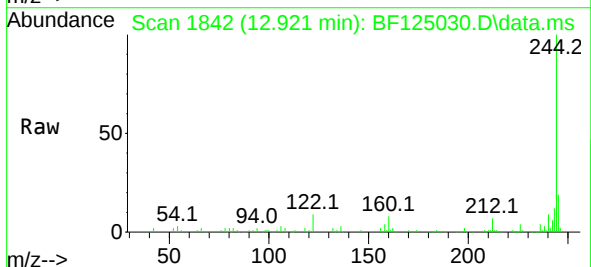
Instrument :
BNA_F
ClientSampleId :
SP5637

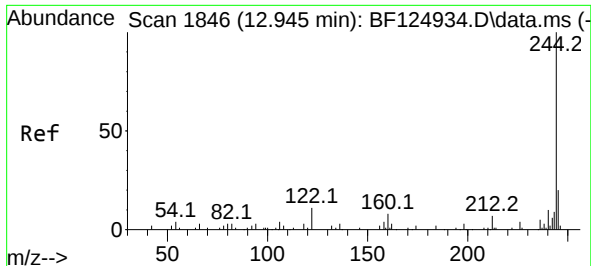
Tgt Ion:240 Resp: 19875
Ion Ratio Lower Upper
240 100
120 10.3 10.8 16.2#
236 25.7 21.6 32.4



#77
Benzidine
Concen: 3.458 ng
RT: 12.921 min Scan# 1842
Delta R.T. 0.253 min
Lab File: BF125030.D
Acq: 10 Aug 2021 14:36

Tgt Ion:184 Resp: 1839
Ion Ratio Lower Upper
184 100
185 15.7 10.8 16.2
183 0.0 8.1 12.1#

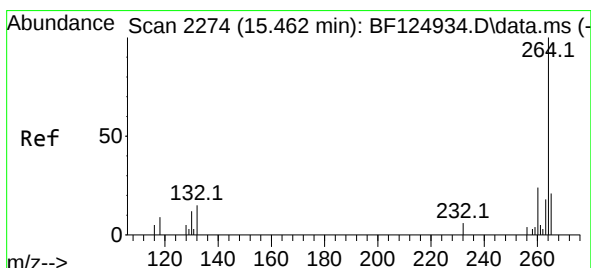
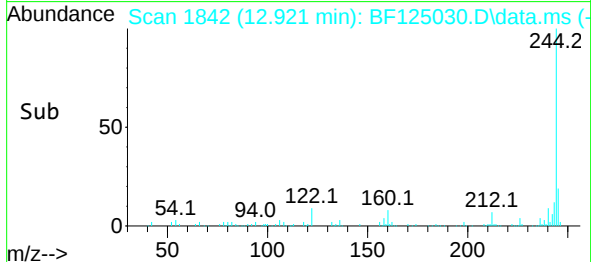
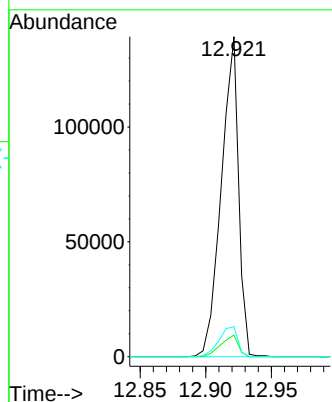
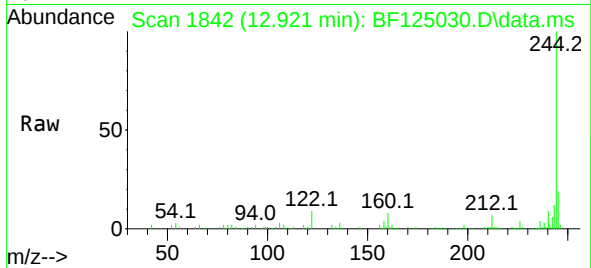




#79
Terphenyl-d14
Concen: 107.934 ng
RT: 12.921 min Scan# 1842
Delta R.T. 0.006 min
Lab File: BF125030.D
Acq: 10 Aug 2021 14:36

Instrument :
BNA_F
ClientSampled :
SP5637

Tgt Ion:244 Resp: 127173
Ion Ratio Lower Upper
244 100
212 6.7 5.9 8.9
122 9.4 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: BF125030.D
Acq: 10 Aug 2021 14:36

Tgt Ion:264 Resp: 17038
Ion Ratio Lower Upper
264 100
260 23.3 19.6 29.4
265 21.3 17.2 25.8

