

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081021\
 Data File : BF125044.D
 Acq On : 10 Aug 2021 22:46
 Operator : JU/CG
 Sample : M3333-05
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 124019

Quant Time: Aug 11 04:16:37 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)

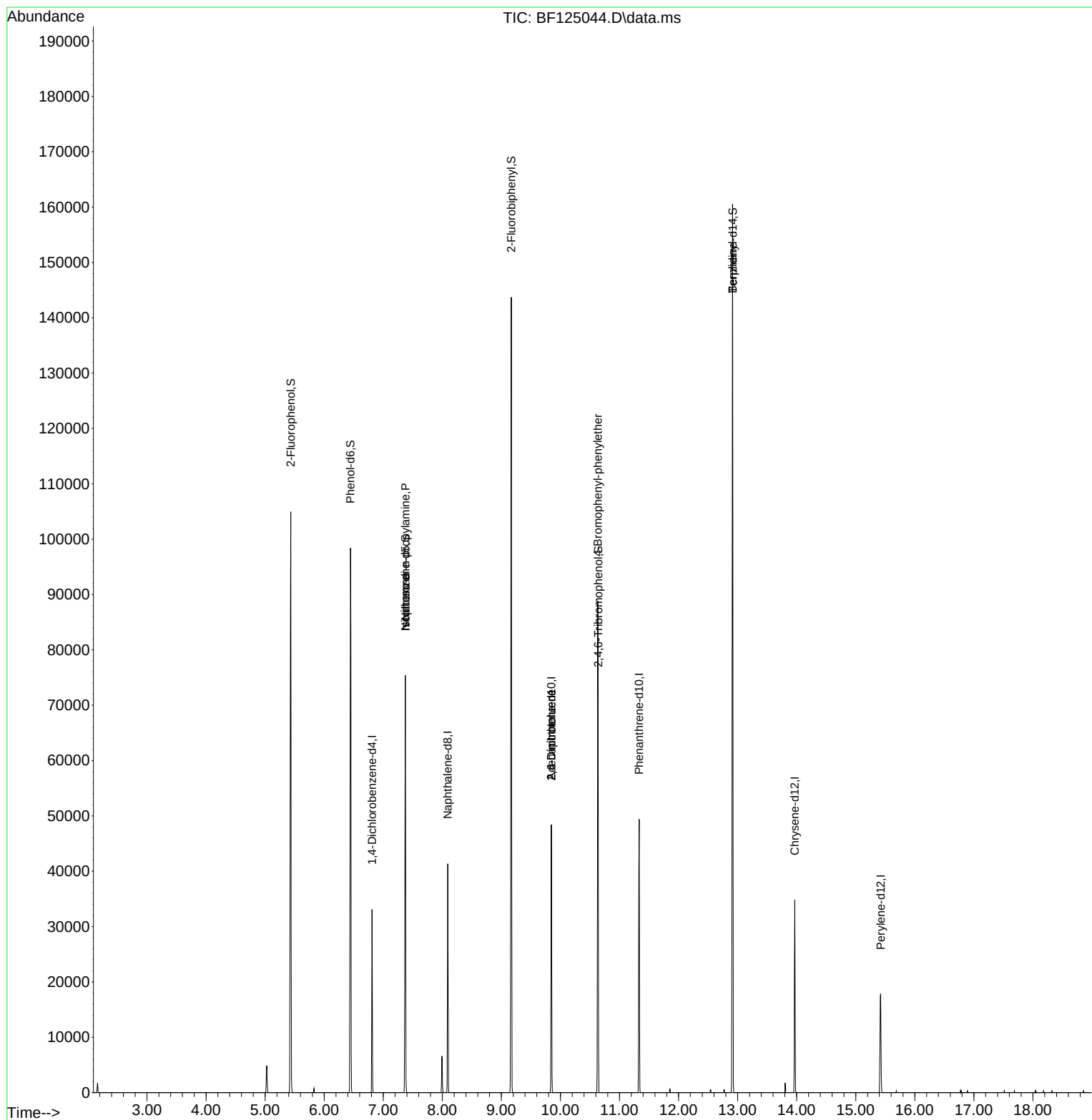
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.810	152	3878	20.000	ng	# 0.00
21) Naphthalene-d8	8.092	136	15802	20.000	ng	# 0.00
39) Acenaphthene-d10	9.845	164	8899	20.000	ng	0.00
64) Phenanthrene-d10	11.333	188	18528	20.000	ng	0.00
76) Chrysene-d12	13.969	240	12654	20.000	ng	# 0.00
86) Perylene-d12	15.421	264	10173	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	24536	103.643	ng	0.00
7) Phenol-d6	6.445	99	31202	104.527	ng	0.00
23) Nitrobenzene-d5	7.375	82	22748	75.308	ng	0.00
42) 2,4,6-Tribromophenol	10.639	330	9375	117.919	ng	0.00
45) 2-Fluorobiphenyl	9.169	172	38149	62.727	ng	0.00
79) Terphenyl-d14	12.916	244	47660	63.532	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.375	70	3141	17.734	ng	# 69
25) Isophorone	7.375	82	22748	44.123	ng	# 59
51) 2,6-Dinitrotoluene	9.845	165	1155	8.601	ng	# 26
57) 2,4-Dinitrotoluene	9.845	165	1155	6.335	ng	# 18
67) 4-Bromophenyl-phenylether	10.633	248	723	3.563	ng	# 1
77) Benzidine	12.916	184	819	2.419	ng	# 69

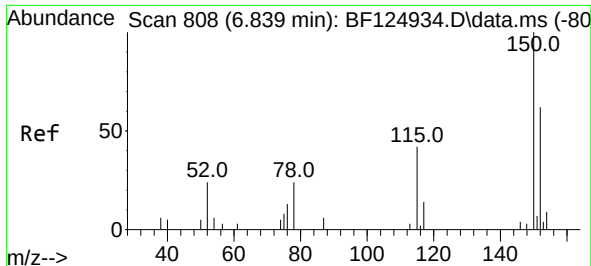
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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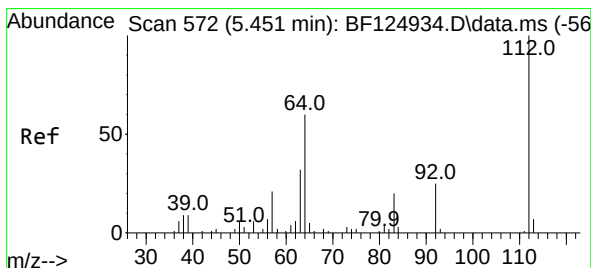
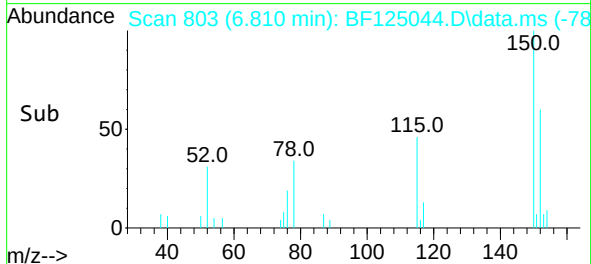
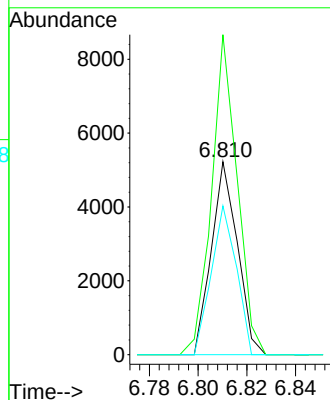
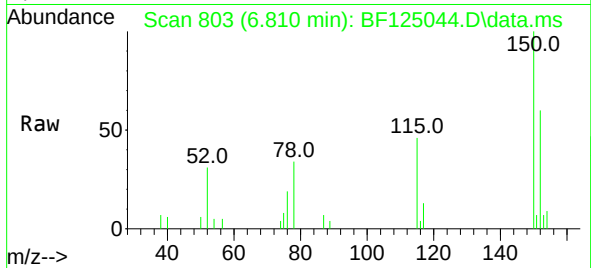




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.810 min Scan# 803
Delta R.T. -0.006 min
Lab File: BF125044.D
Acq: 10 Aug 2021 22:46

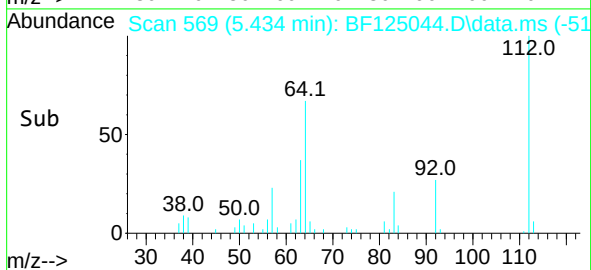
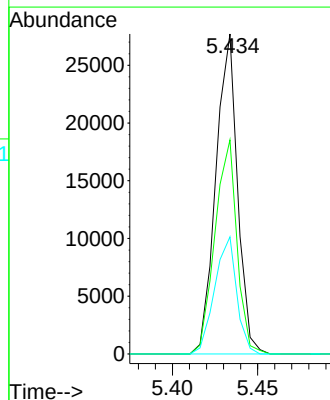
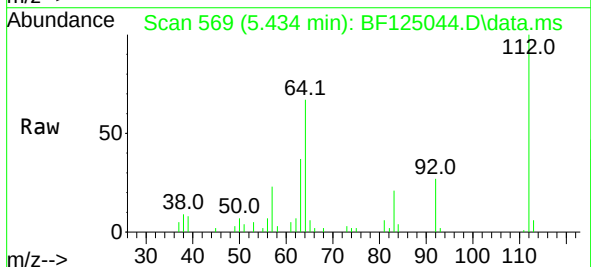
Instrument :
BNA_F
ClientSampled :
124019

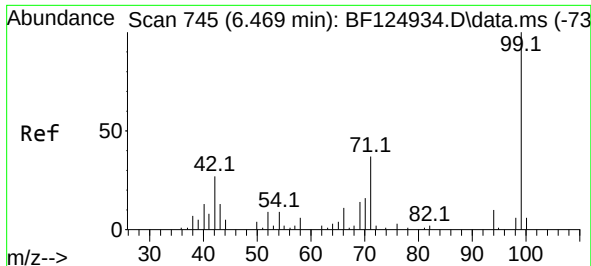
Tgt Ion:152 Resp: 3878
Ion Ratio Lower Upper
152 100
150 165.9 117.6 176.4
115 77.1 47.1 70.7#



#5
2-Fluorophenol
Concen: 103.643 ng
RT: 5.434 min Scan# 569
Delta R.T. 0.000 min
Lab File: BF125044.D
Acq: 10 Aug 2021 22:46

Tgt Ion:112 Resp: 24536
Ion Ratio Lower Upper
112 100
64 66.9 44.2 66.2#
63 36.6 26.2 39.2

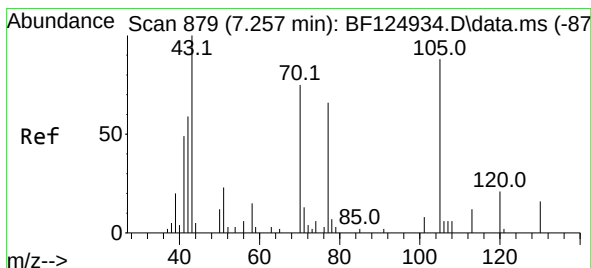
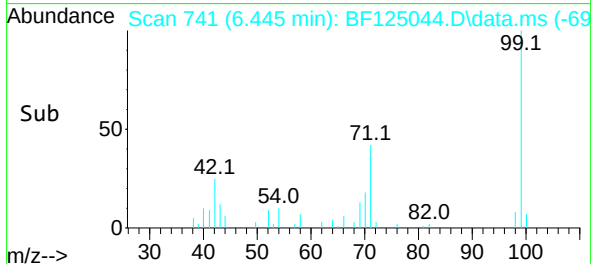
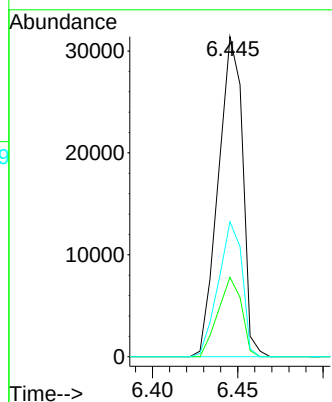
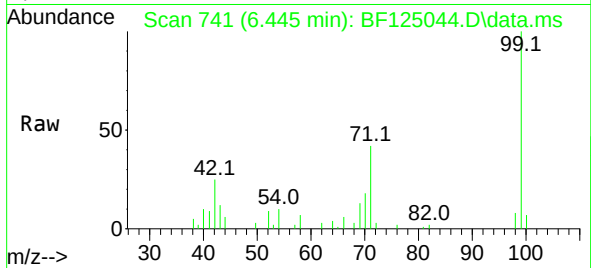




#7
Phenol-d6
Concen: 104.527 ng
RT: 6.445 min Scan# 741
Delta R.T. -0.006 min
Lab File: BF125044.D
Acq: 10 Aug 2021 22:46

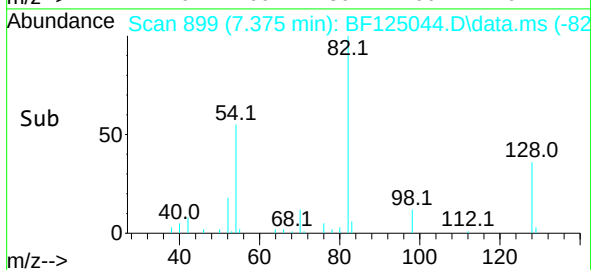
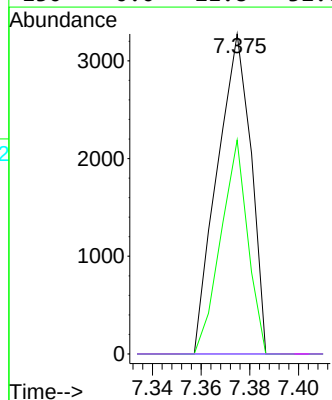
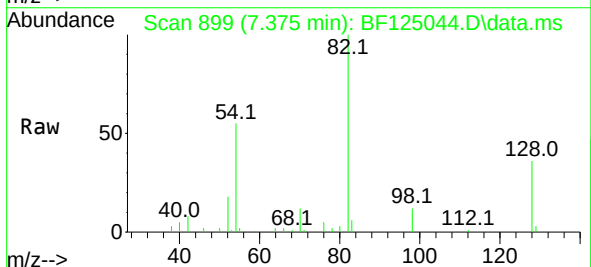
Instrument :
BNA_F
ClientSampled :
124019

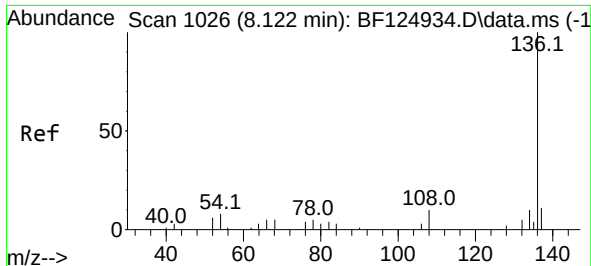
Tgt Ion: 99 Resp: 31202
Ion Ratio Lower Upper
99 100
42 24.8 23.5 35.3
71 42.2 25.6 38.4#



#19
n-Nitroso-di-n-propylamine
Concen: 17.734 ng
RT: 7.375 min Scan# 899
Delta R.T. 0.147 min
Lab File: BF125044.D
Acq: 10 Aug 2021 22:46

Tgt Ion: 70 Resp: 3141
Ion Ratio Lower Upper
70 100
42 66.9 72.2 108.2#
101 0.0 7.8 11.8#
130 0.0 21.8 32.6#

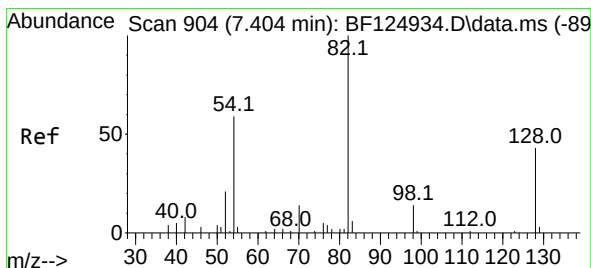
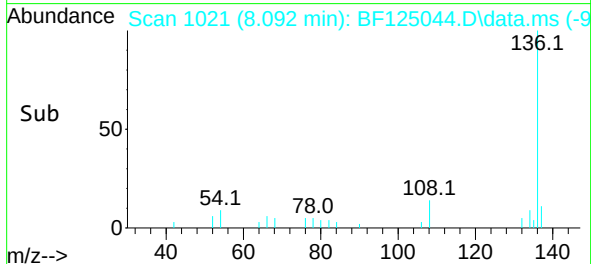
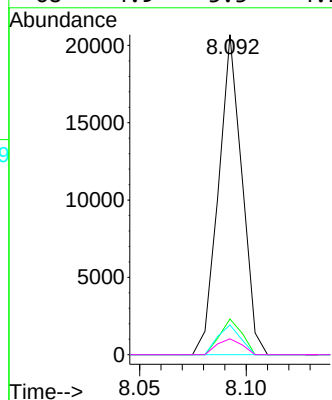
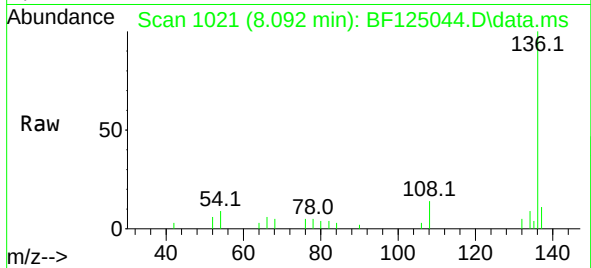




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.092 min Scan# 1021
Delta R.T. -0.006 min
Lab File: BF125044.D
Acq: 10 Aug 2021 22:46

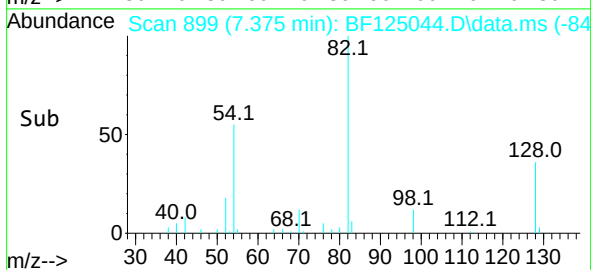
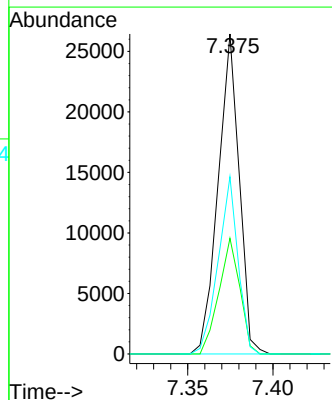
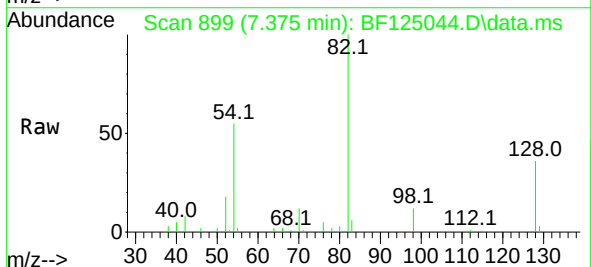
Instrument :
BNA_F
ClientSampled :
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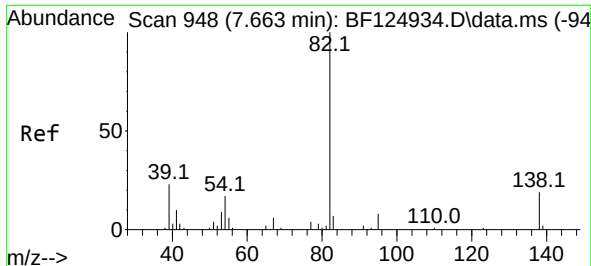
Tgt Ion:136	Resp:	15802
Ion Ratio	Lower	Upper
136	100	
137	11.1	9.8 14.6
54	9.3	6.4 9.6
68	4.9	3.3 4.9#



#23
Nitrobenzene-d5
Concen: 75.308 ng
RT: 7.375 min Scan# 899
Delta R.T. -0.006 min
Lab File: BF125044.D
Acq: 10 Aug 2021 22:46

Tgt Ion: 82	Resp:	22748
Ion Ratio	Lower	Upper
82	100	
128	36.1	40.6 60.8#
54	55.4	49.6 74.4

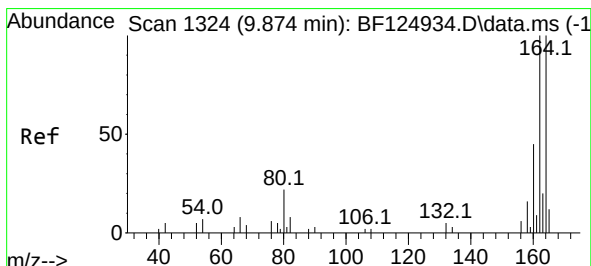
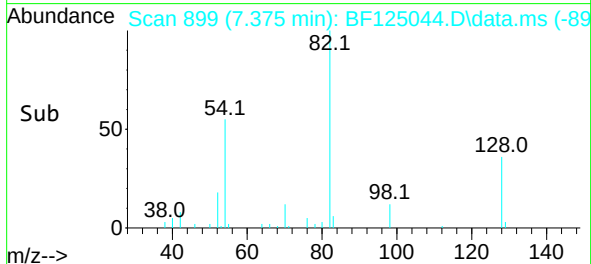
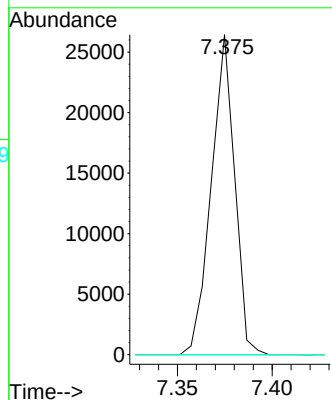
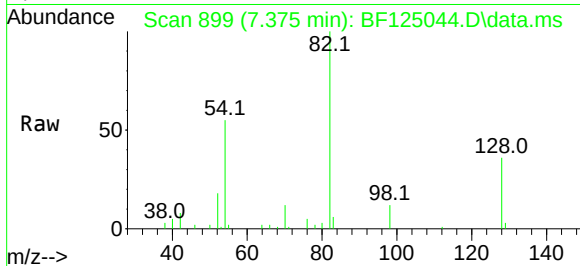




#25
Isophorone
Concen: 44.123 ng
RT: 7.375 min Scan# 899
Delta R.T. -0.265 min
Lab File: BF125044.D
Acq: 10 Aug 2021 22:46

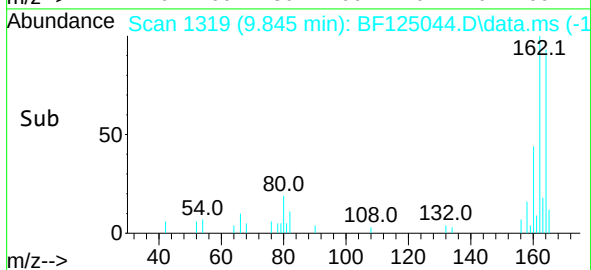
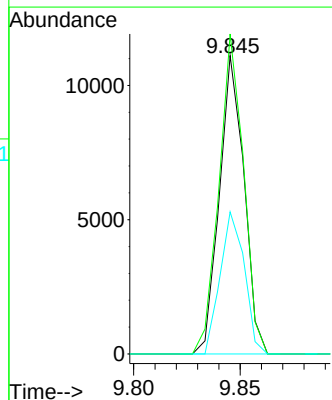
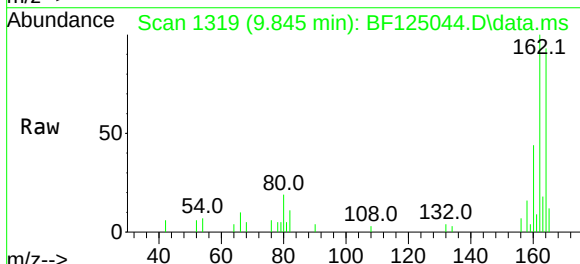
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ClientSampled :
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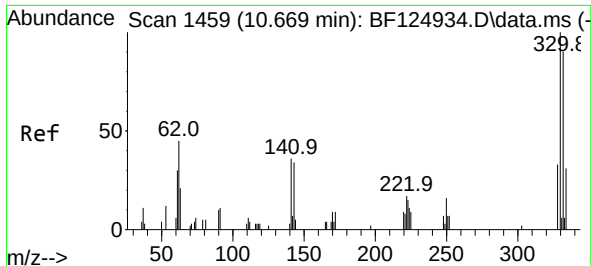
Tgt Ion: 82 Resp: 22748
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.845 min Scan# 1319
Delta R.T. -0.006 min
Lab File: BF125044.D
Acq: 10 Aug 2021 22:46

Tgt Ion: 164 Resp: 8899
Ion Ratio Lower Upper
164 100
162 107.3 81.3 121.9
160 47.6 38.0 57.0

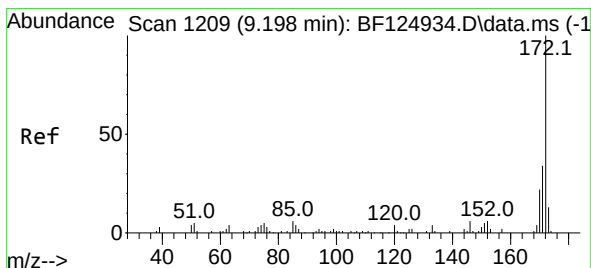
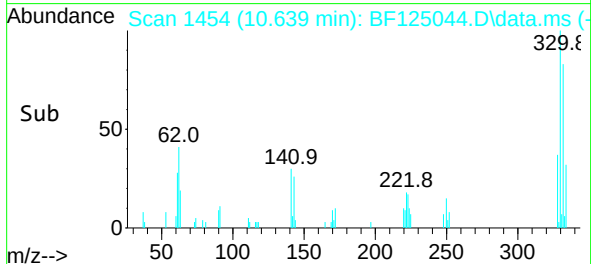
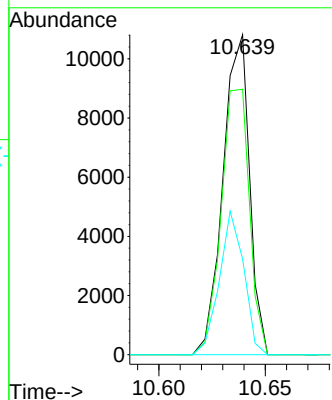
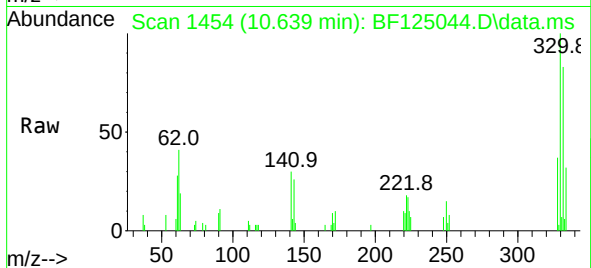




#42
2,4,6-Tribromophenol
Concen: 117.919 ng
RT: 10.639 min Scan# 1454
Delta R.T. 0.000 min
Lab File: BF125044.D
Acq: 10 Aug 2021 22:46

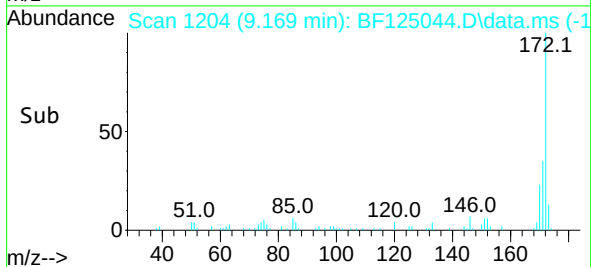
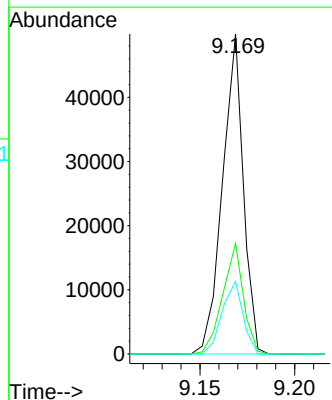
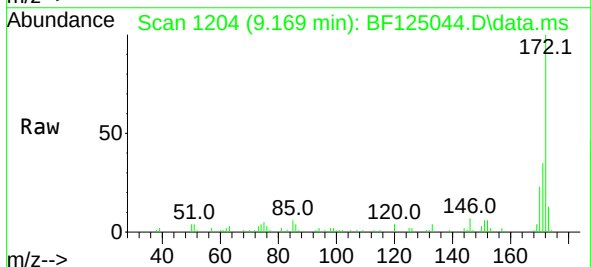
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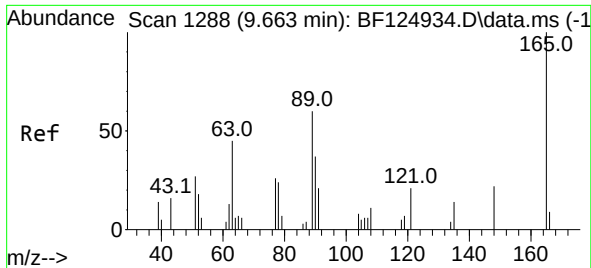
Tgt Ion: 330 Resp: 9375
Ion Ratio Lower Upper
330 100
332 88.6 76.2 114.4
141 41.4 44.6 66.8#



#45
2-Fluorobiphenyl
Concen: 62.727 ng
RT: 9.169 min Scan# 1204
Delta R.T. -0.006 min
Lab File: BF125044.D
Acq: 10 Aug 2021 22:46

Tgt Ion: 172 Resp: 38149
Ion Ratio Lower Upper
172 100
171 34.6 26.5 39.7
170 22.7 18.8 28.2

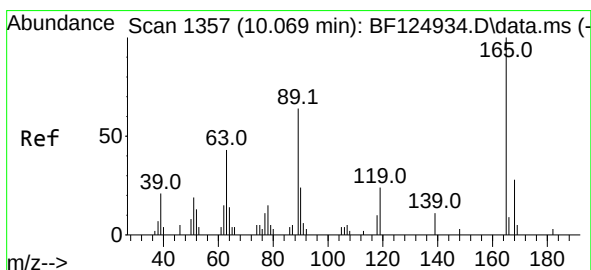
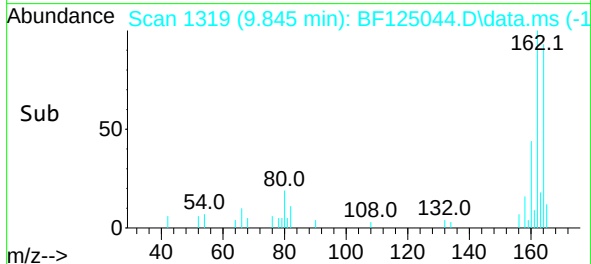
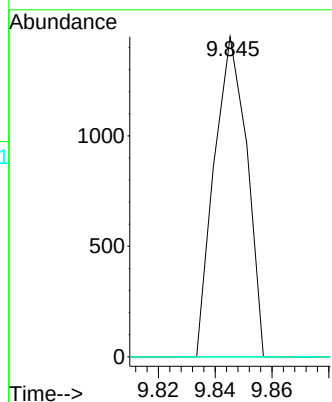
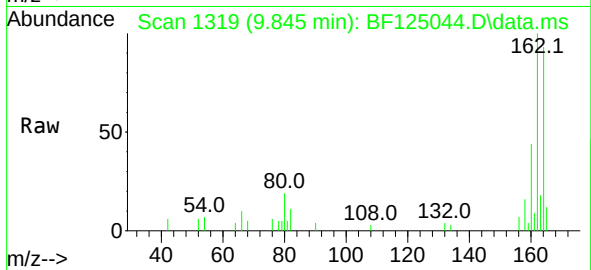




#51
2,6-Dinitrotoluene
Concen: 8.601 ng
RT: 9.845 min Scan# 1319
Delta R.T. 0.206 min
Lab File: BF125044.D
Acq: 10 Aug 2021 22:46

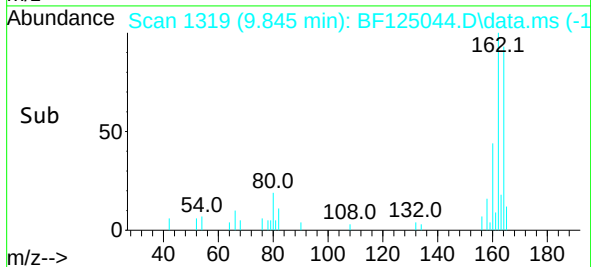
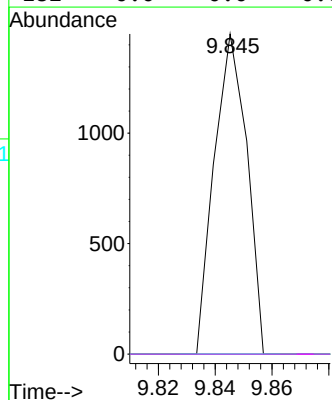
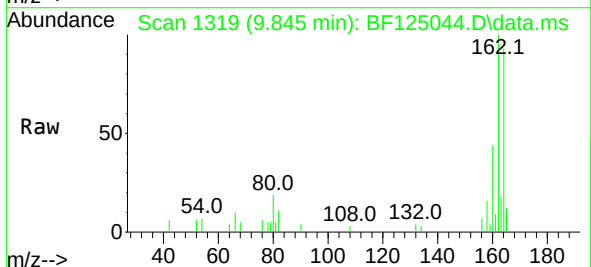
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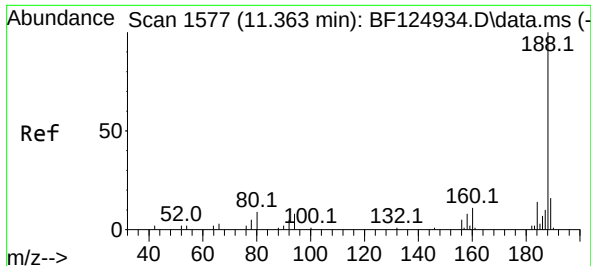
Tgt Ion:165 Resp: 1155
Ion Ratio Lower Upper
165 100
63 0.0 42.6 63.8#
89 0.0 40.6 60.8#



#57
2,4-Dinitrotoluene
Concen: 6.335 ng
RT: 9.845 min Scan# 1319
Delta R.T. -0.200 min
Lab File: BF125044.D
Acq: 10 Aug 2021 22:46

Tgt Ion:165 Resp: 1155
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

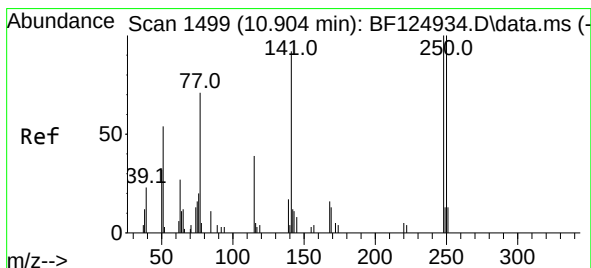
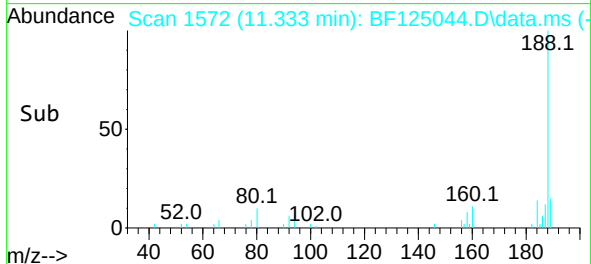
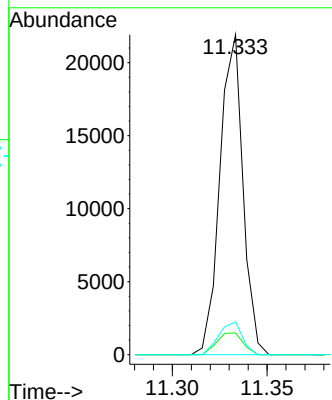
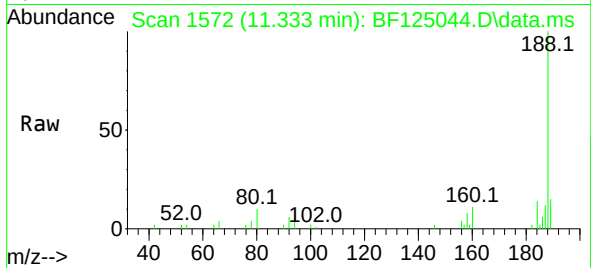




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.333 min Scan# 1572
Delta R.T. 0.000 min
Lab File: BF125044.D
Acq: 10 Aug 2021 22:46

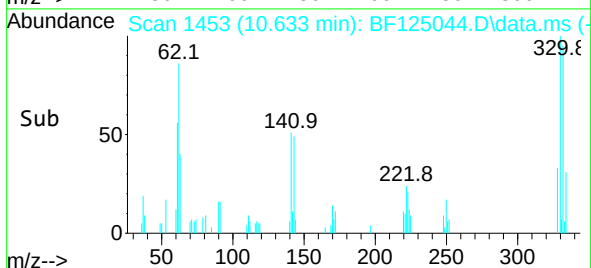
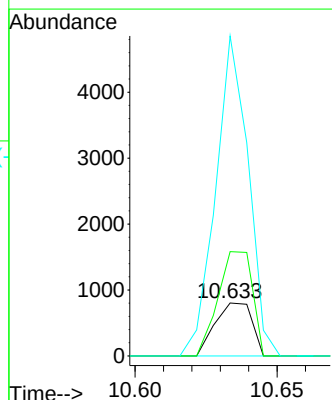
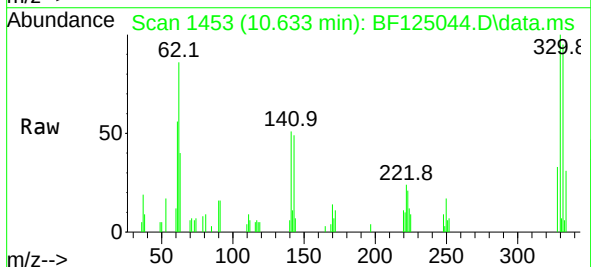
Instrument :
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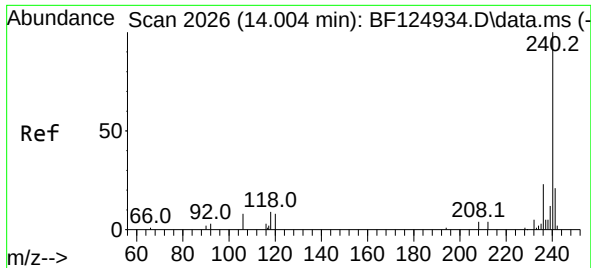
Tgt Ion:188 Resp: 18528
Ion Ratio Lower Upper
188 100
94 6.8 6.7 10.1
80 10.3 7.5 11.3



#67
4-Bromophenyl-phenylether
Concen: 3.563 ng
RT: 10.633 min Scan# 1453
Delta R.T. -0.247 min
Lab File: BF125044.D
Acq: 10 Aug 2021 22:46

Tgt Ion:248 Resp: 723
Ion Ratio Lower Upper
248 100
250 140.3 74.2 111.4#
141 430.2 60.4 90.6#

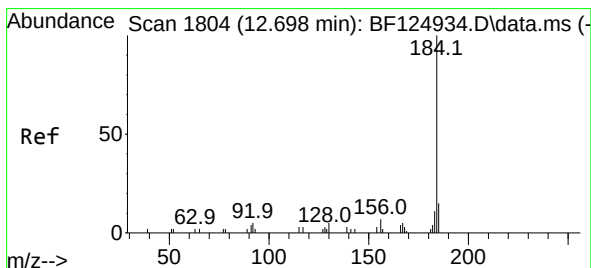
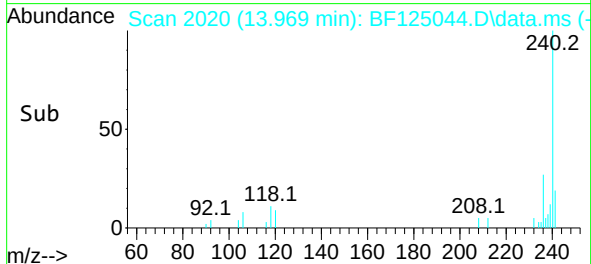
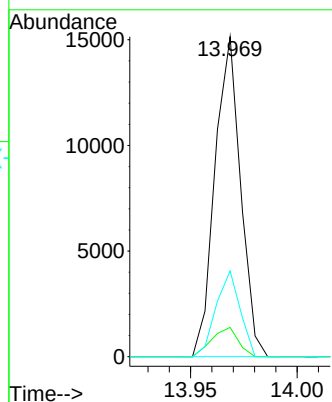
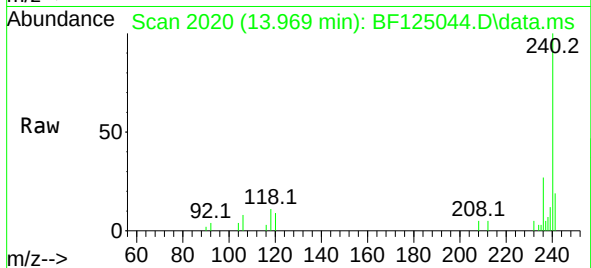




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.969 min Scan# 2020
Delta R.T. -0.006 min
Lab File: BF125044.D
Acq: 10 Aug 2021 22:46

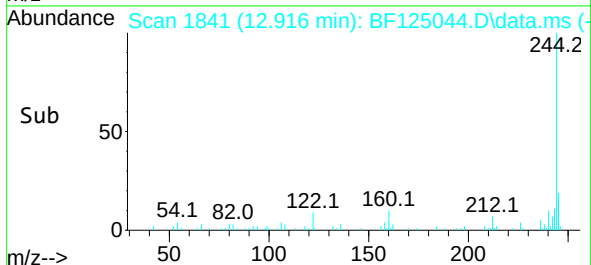
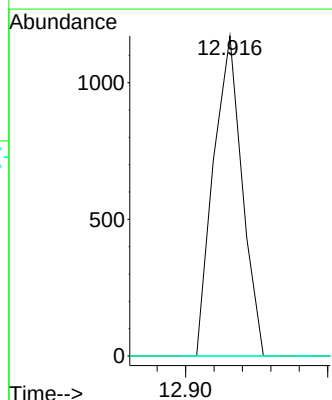
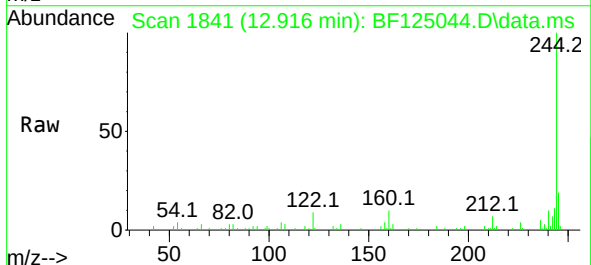
Instrument :
BNA_F
ClientSampled :
124019

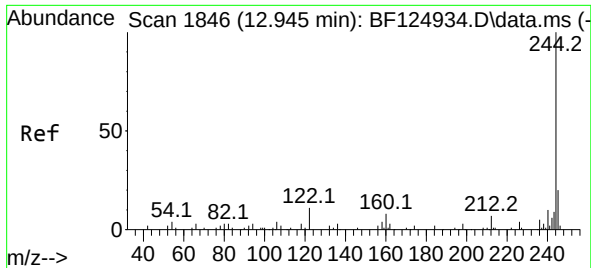
Tgt Ion:240 Resp: 12654
Ion Ratio Lower Upper
240 100
120 9.1 10.8 16.2#
236 26.8 21.6 32.4



#77
Benzidine
Concen: 2.419 ng
RT: 12.916 min Scan# 1841
Delta R.T. 0.247 min
Lab File: BF125044.D
Acq: 10 Aug 2021 22:46

Tgt Ion:184 Resp: 819
Ion Ratio Lower Upper
184 100
185 0.0 10.8 16.2#
183 0.0 8.1 12.1#

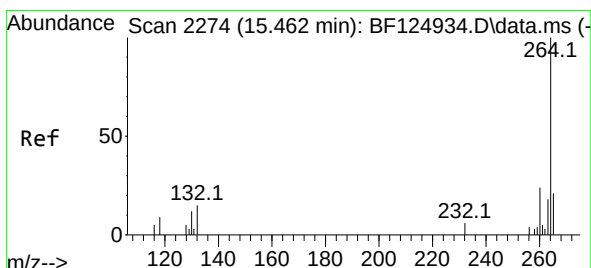
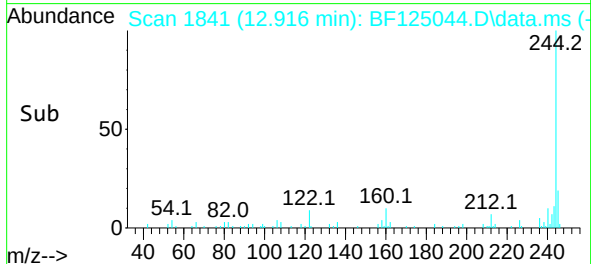
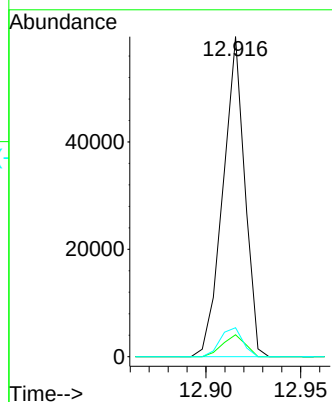
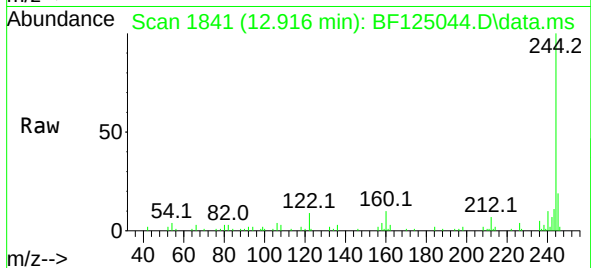




#79
Terphenyl-d14
Concen: 63.532 ng
RT: 12.916 min Scan# 1841
Delta R.T. 0.000 min
Lab File: BF125044.D
Acq: 10 Aug 2021 22:46

Instrument :
BNA_F
ClientSampled :
124019

Tgt Ion:244 Resp: 47660
Ion Ratio Lower Upper
244 100
212 6.9 5.9 8.9
122 9.1 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: BF125044.D
Acq: 10 Aug 2021 22:46

Tgt Ion:264 Resp: 10173
Ion Ratio Lower Upper
264 100
260 21.8 19.6 29.4
265 24.6 17.2 25.8

