

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081021\
 Data File : BF125040.D
 Acq On : 10 Aug 2021 20:32
 Operator : JU/CG
 Sample : M3279-10
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SPLP-AMENDED-COM-3

Quant Time: Aug 11 04:15:43 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)

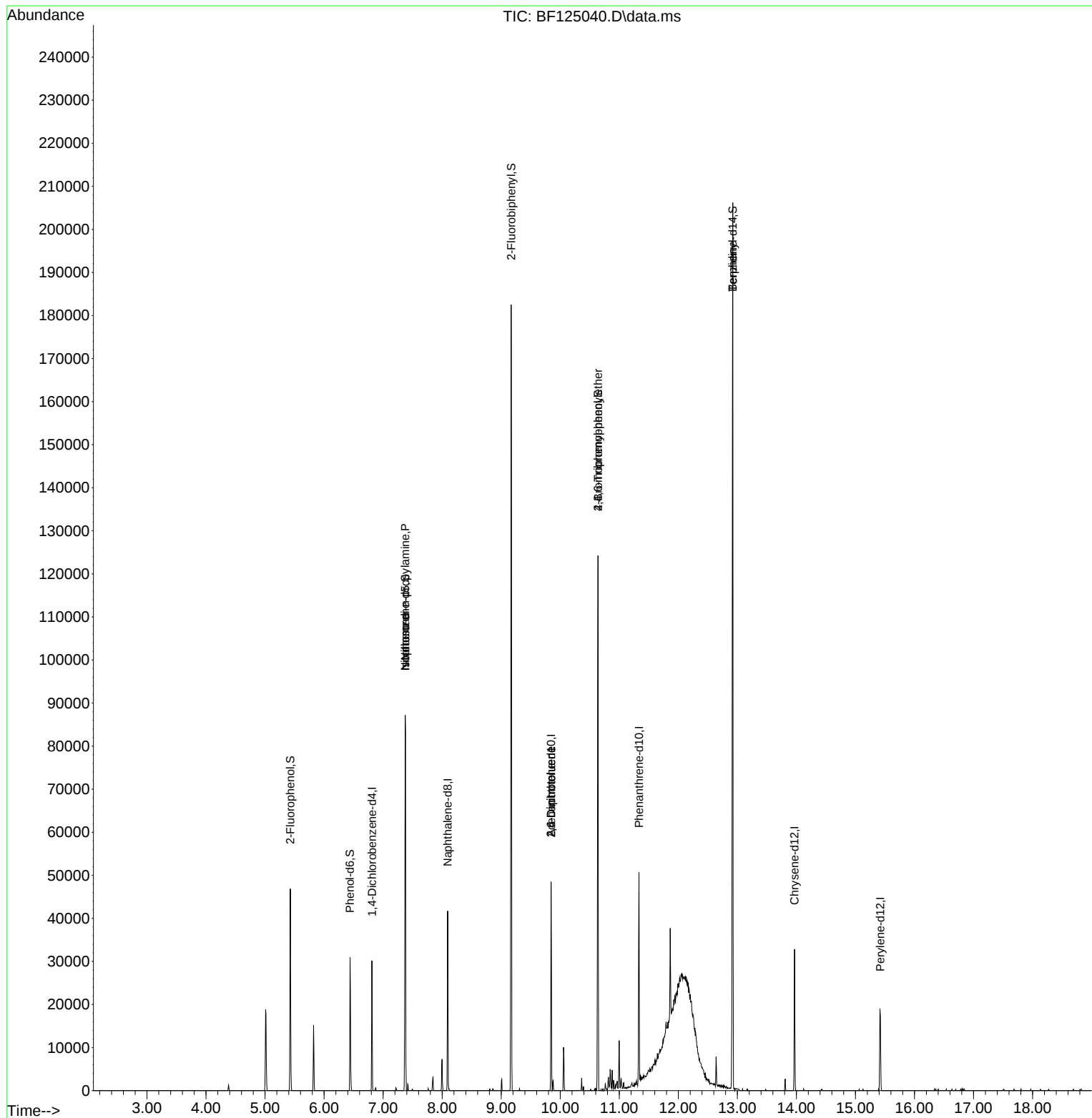
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.810	152	3939	20.000	ng	0.00
21) Naphthalene-d8	8.092	136	15165	20.000	ng	# 0.00
39) Acenaphthene-d10	9.845	164	9391	20.000	ng	0.00
64) Phenanthrene-d10	11.333	188	17074	20.000	ng	0.00
76) Chrysene-d12	13.968	240	12006	20.000	ng	# 0.00
86) Perylene-d12	15.421	264	9511	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	10963	45.592	ng	0.00
7) Phenol-d6	6.439	99	8045	26.533	ng	-0.01
23) Nitrobenzene-d5	7.375	82	29671	102.352	ng	0.00
42) 2,4,6-Tribromophenol	10.639	330	12152	144.841	ng	0.00
45) 2-Fluorobiphenyl	9.169	172	51744	80.624	ng	0.00
79) Terphenyl-d14	12.921	244	66356	93.229	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.375	70	4048	22.500	ng	# 61
25) Isophorone	7.375	82	29681	59.989	ng	# 59
51) 2,6-Dinitrotoluene	9.845	165	1087	7.671	ng	# 26
57) 2,4-Dinitrotoluene	9.845	165	1087	5.650	ng	# 18
67) 4-Bromophenyl-phenylether	10.639	248	903	4.829	ng	# 1
77) Benzidine	12.921	184	1029	3.203	ng	# 69

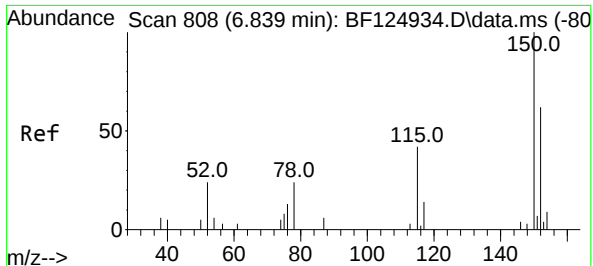
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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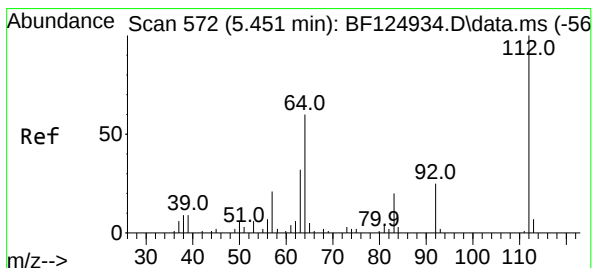
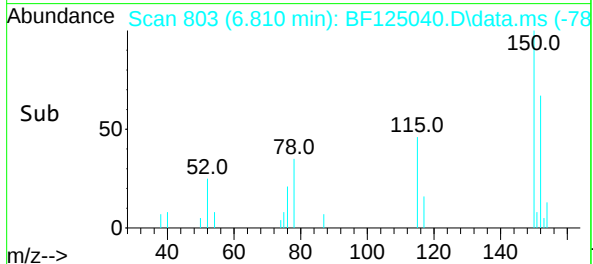
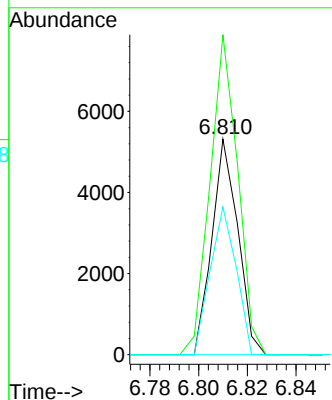
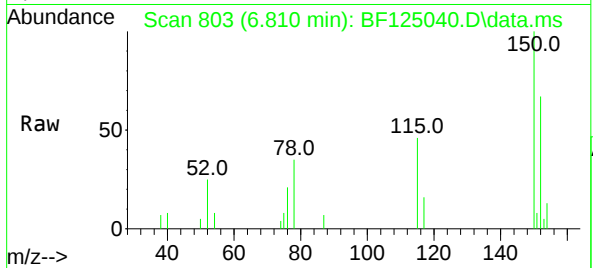




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.810 min Scan# 803
Delta R.T. -0.006 min
Lab File: BF125040.D
Acq: 10 Aug 2021 20:32

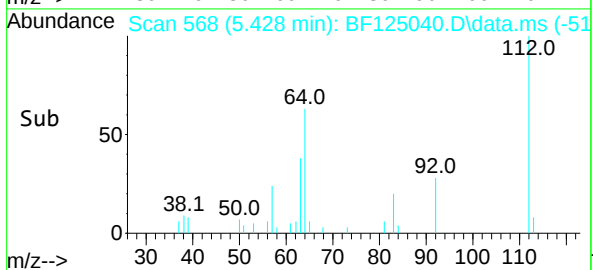
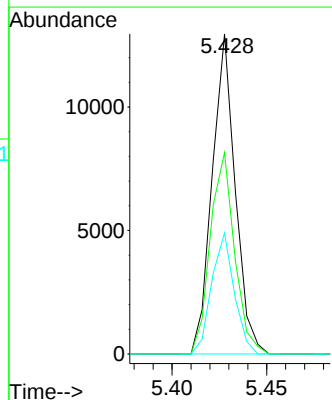
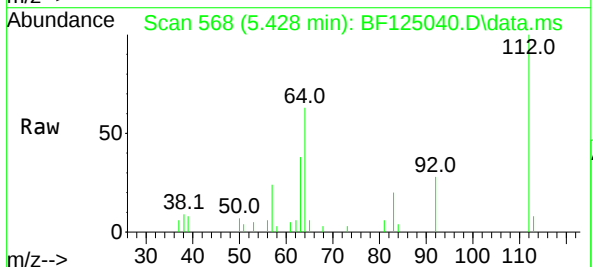
Instrument :
BNA_F
ClientSampleId :
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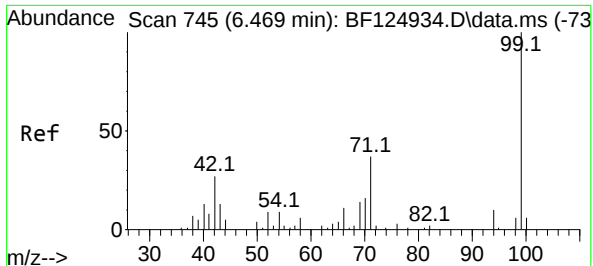
Tgt Ion:152 Resp: 3939
Ion Ratio Lower Upper
152 100
150 148.5 117.6 176.4
115 68.5 47.1 70.7



#5
2-Fluorophenol
Concen: 45.592 ng
RT: 5.428 min Scan# 568
Delta R.T. -0.006 min
Lab File: BF125040.D
Acq: 10 Aug 2021 20:32

Tgt Ion:112 Resp: 10963
Ion Ratio Lower Upper
112 100
64 63.0 44.2 66.2
63 37.8 26.2 39.2

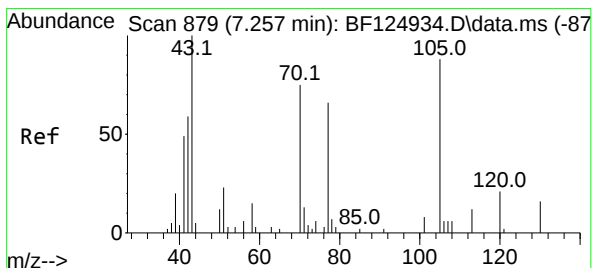
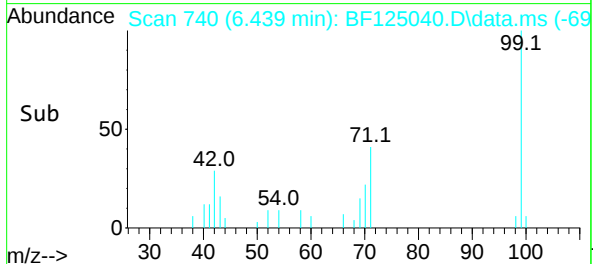
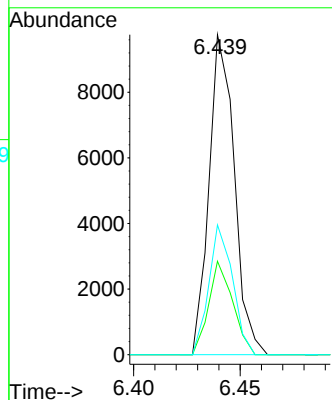
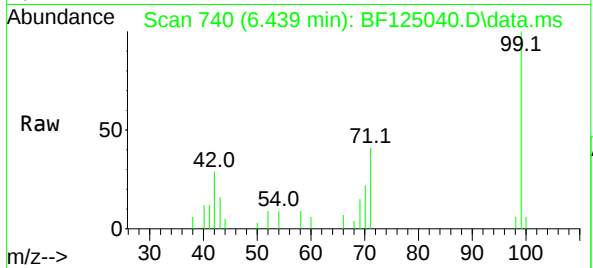




#7
Phenol-d6
Concen: 26.533 ng
RT: 6.439 min Scan# 740
Delta R.T. -0.012 min
Lab File: BF125040.D
Acq: 10 Aug 2021 20:32

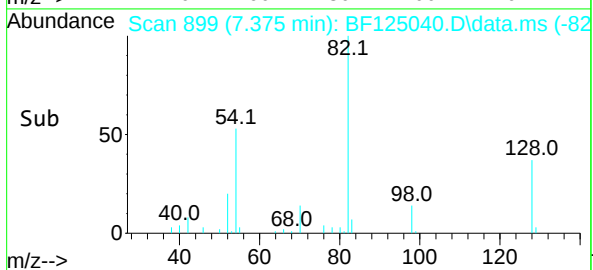
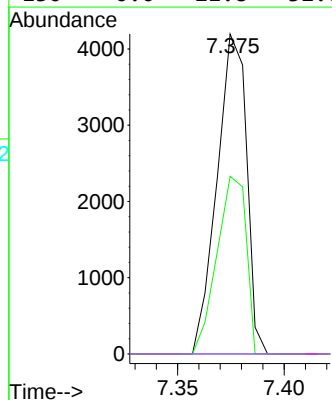
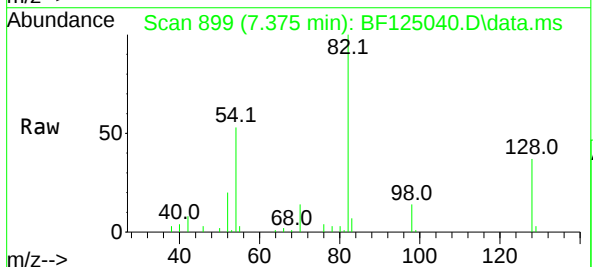
Instrument :
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ClientSampleId :
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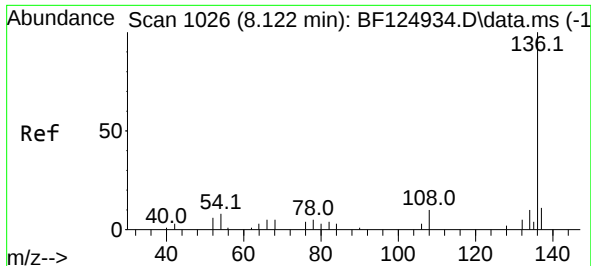
Tgt Ion: 99	Resp: 8045
Ion Ratio	Lower Upper
99 100	
42 29.2	23.5 35.3
71 40.5	25.6 38.4#



#19
n-Nitroso-di-n-propylamine
Concen: 22.500 ng
RT: 7.375 min Scan# 899
Delta R.T. 0.147 min
Lab File: BF125040.D
Acq: 10 Aug 2021 20:32

Tgt Ion: 70	Resp: 4048
Ion Ratio	Lower Upper
70 100	
42 55.5	72.2 108.2#
101 0.0	7.8 11.8#
130 0.0	21.8 32.6#

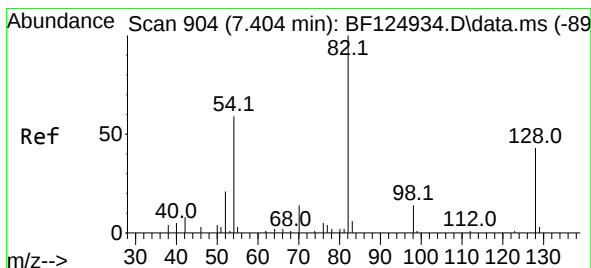
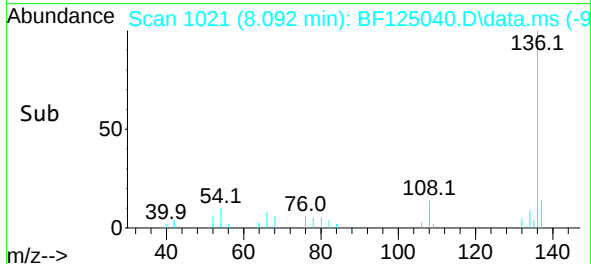
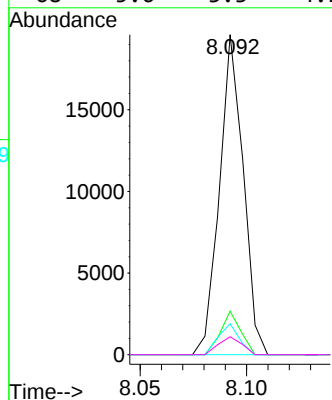
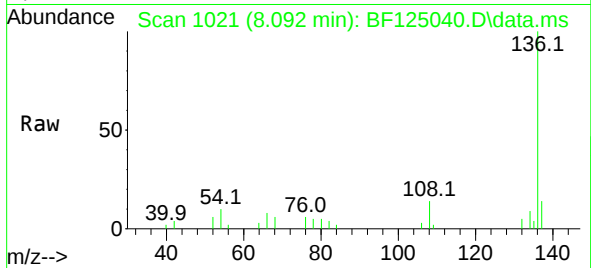




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.092 min Scan# 1021
Delta R.T. -0.006 min
Lab File: BF125040.D
Acq: 10 Aug 2021 20:32

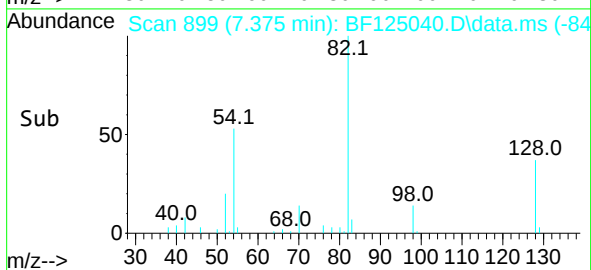
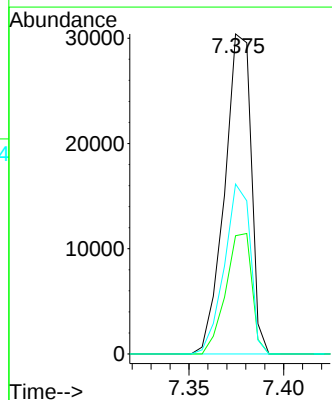
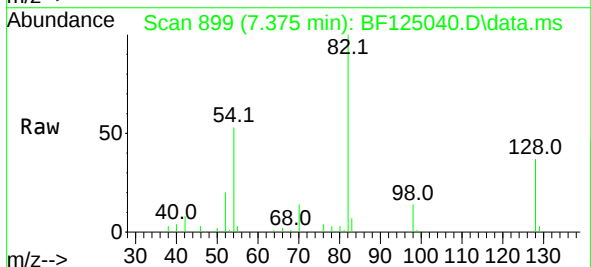
Instrument :
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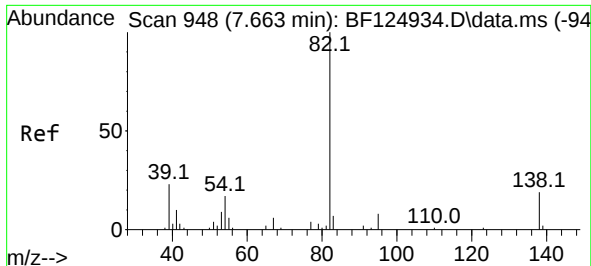
Tgt Ion:136	Resp:	15165
Ion Ratio	Lower	Upper
136	100	
137	13.6	9.8 14.6
54	9.7	6.4 9.6#
68	5.6	3.3 4.9#



#23
Nitrobenzene-d5
Concen: 102.352 ng
RT: 7.375 min Scan# 899
Delta R.T. -0.006 min
Lab File: BF125040.D
Acq: 10 Aug 2021 20:32

Tgt Ion: 82	Resp:	29671
Ion Ratio	Lower	Upper
82	100	
128	37.0	40.6 60.8#
54	53.1	49.6 74.4

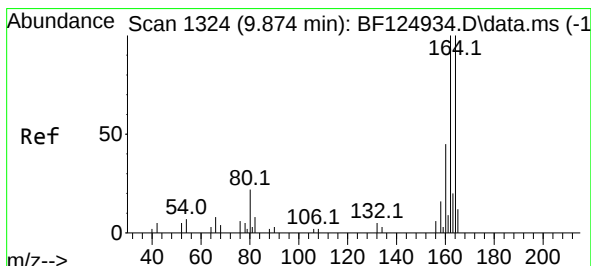
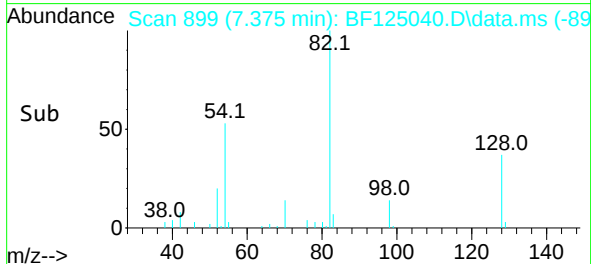
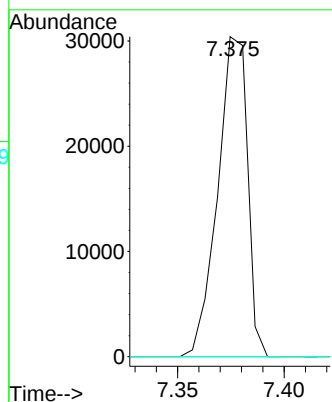
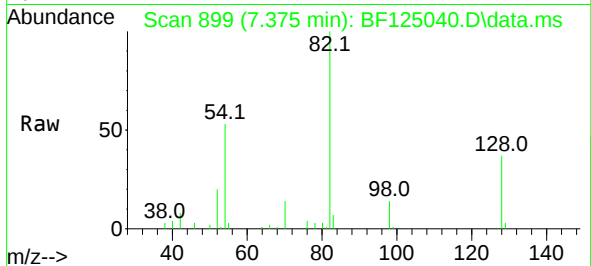




#25
Isophorone
Concen: 59.989 ng
RT: 7.375 min Scan# 899
Delta R.T. -0.265 min
Lab File: BF125040.D
Acq: 10 Aug 2021 20:32

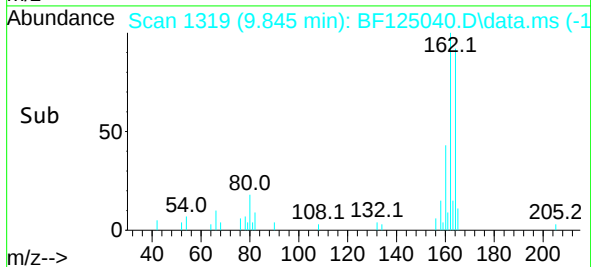
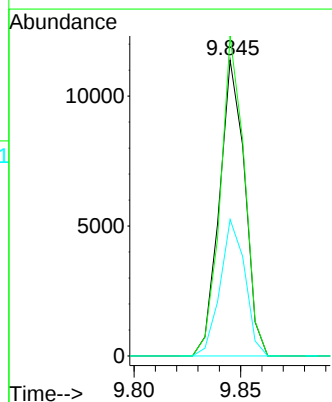
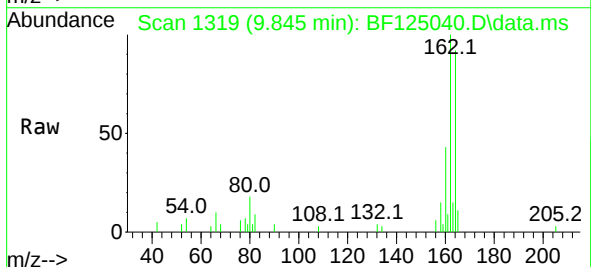
Instrument :
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ClientSampleId :
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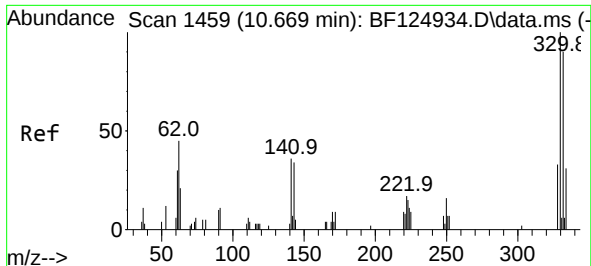
Tgt Ion: 82 Resp: 29681
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.845 min Scan# 1319
Delta R.T. -0.006 min
Lab File: BF125040.D
Acq: 10 Aug 2021 20:32

Tgt Ion:164 Resp: 9391
Ion Ratio Lower Upper
164 100
162 108.2 81.3 121.9
160 46.1 38.0 57.0

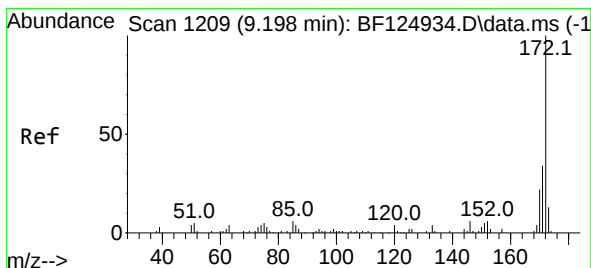
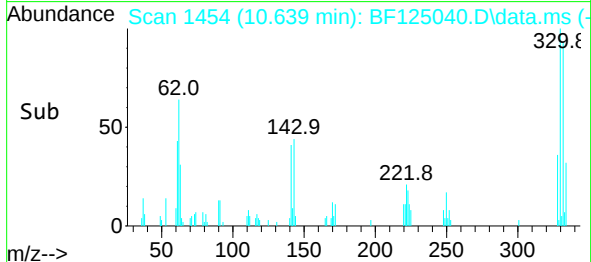
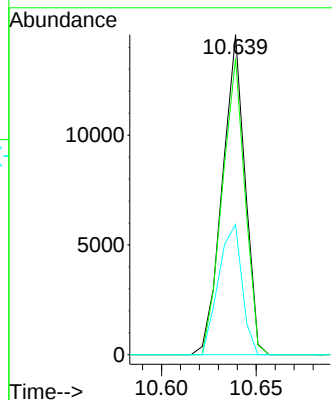
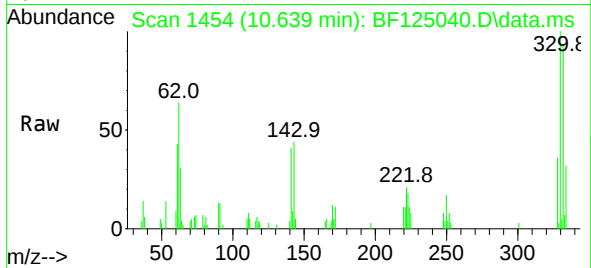




#42
2,4,6-Tribromophenol
Concen: 144.841 ng
RT: 10.639 min Scan# 1454
Delta R.T. -0.000 min
Lab File: BF125040.D
Acq: 10 Aug 2021 20:32

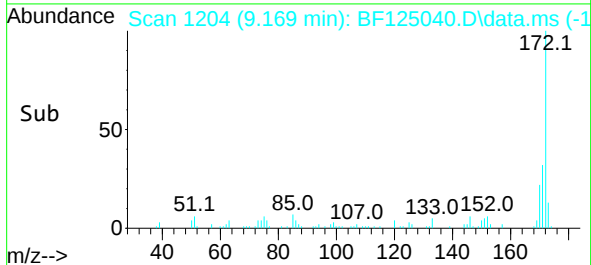
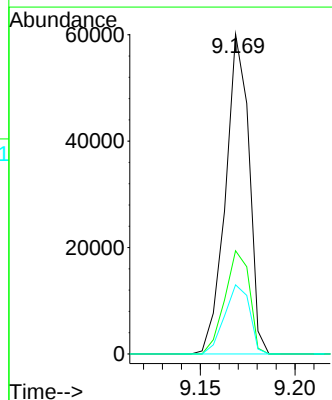
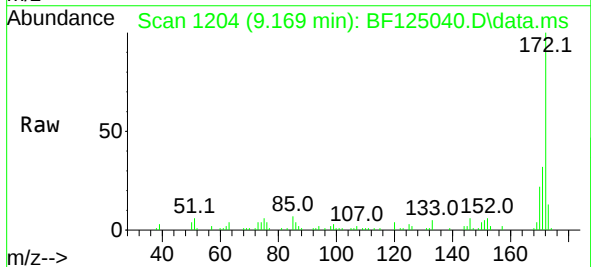
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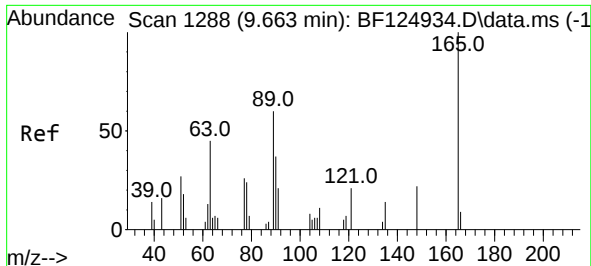
Tgt Ion: 330 Resp: 12152
Ion Ratio Lower Upper
330 100
332 92.5 76.2 114.4
141 42.1 44.6 66.8#



#45
2-Fluorobiphenyl
Concen: 80.624 ng
RT: 9.169 min Scan# 1204
Delta R.T. -0.006 min
Lab File: BF125040.D
Acq: 10 Aug 2021 20:32

Tgt Ion: 172 Resp: 51744
Ion Ratio Lower Upper
172 100
171 32.2 26.5 39.7
170 21.6 18.8 28.2

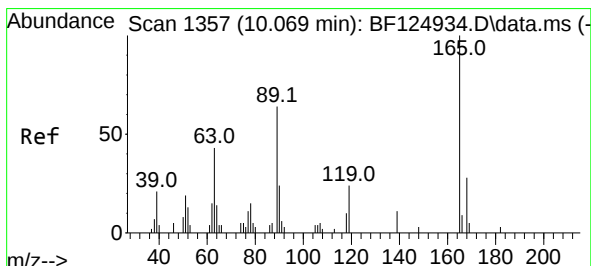
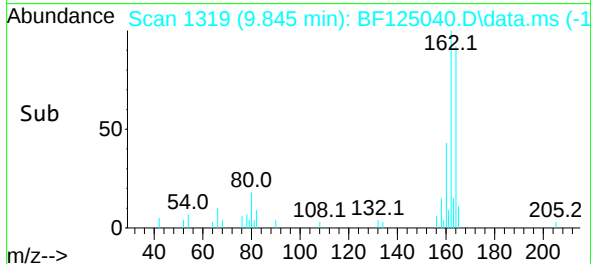
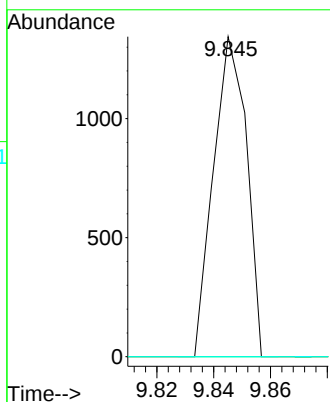
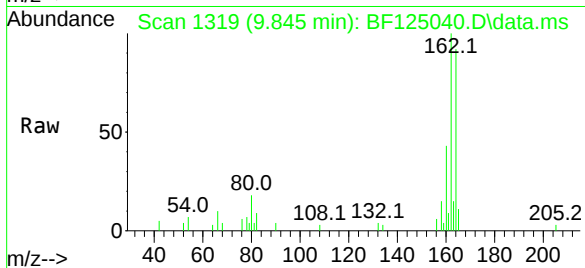




#51
2,6-Dinitrotoluene
Concen: 7.671 ng
RT: 9.845 min Scan# 1319
Delta R.T. 0.206 min
Lab File: BF125040.D
Acq: 10 Aug 2021 20:32

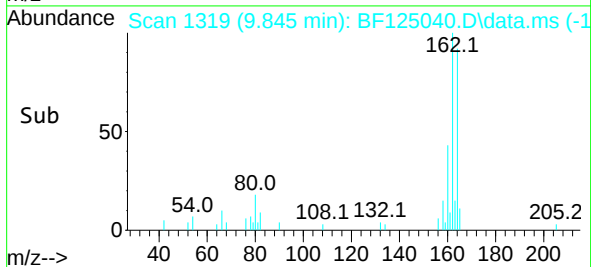
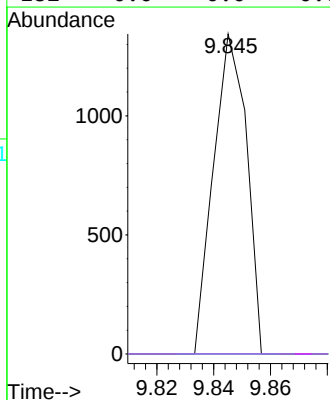
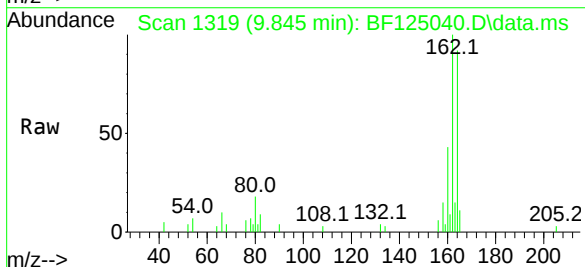
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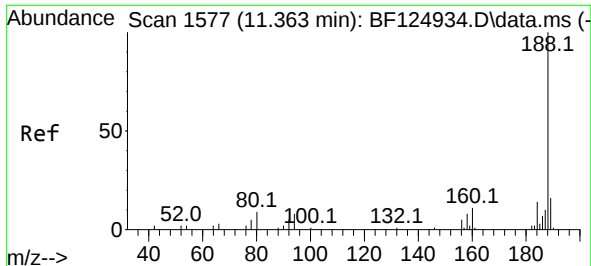
Tgt Ion:165 Resp: 1087
Ion Ratio Lower Upper
165 100
63 0.0 42.6 63.8#
89 0.0 40.6 60.8#



#57
2,4-Dinitrotoluene
Concen: 5.650 ng
RT: 9.845 min Scan# 1319
Delta R.T. -0.200 min
Lab File: BF125040.D
Acq: 10 Aug 2021 20:32

Tgt Ion:165 Resp: 1087
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

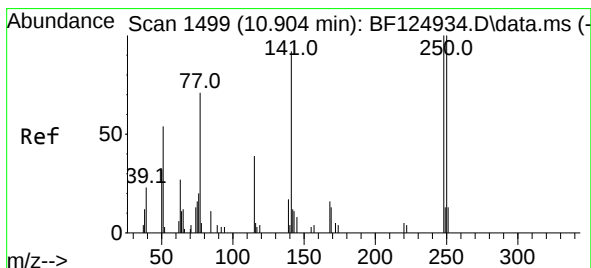
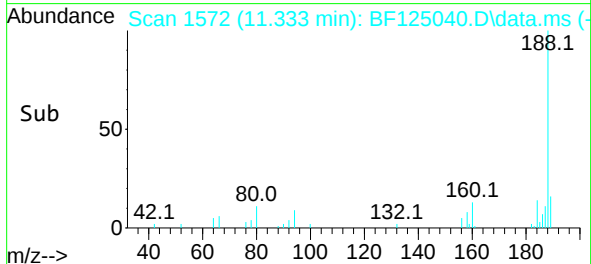
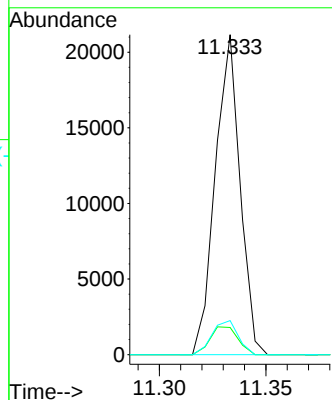
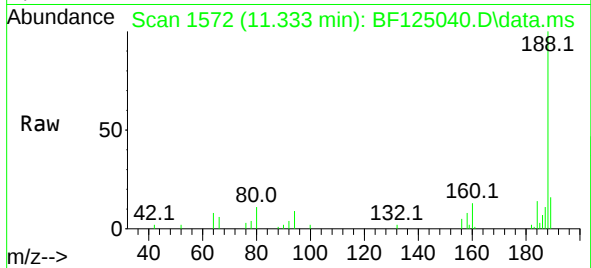




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.333 min Scan# 1572
Delta R.T. -0.000 min
Lab File: BF125040.D
Acq: 10 Aug 2021 20:32

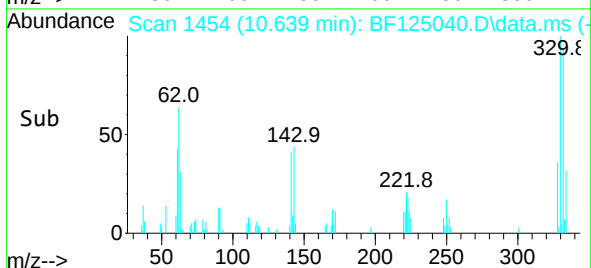
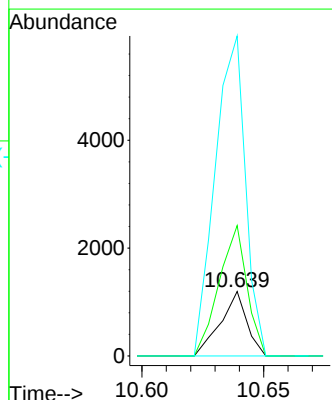
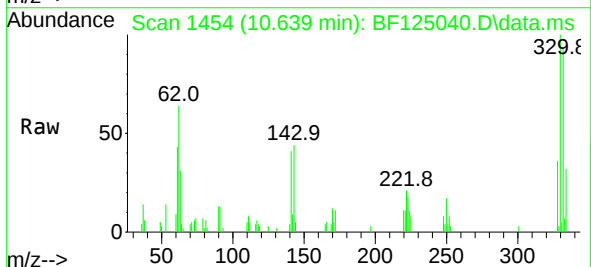
Instrument :
BNA_F
ClientSampleId :
SPLP-AMENDED-COM-3

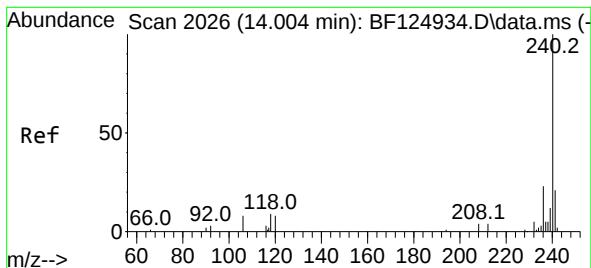
Tgt Ion:188 Resp: 17074
Ion Ratio Lower Upper
188 100
94 8.5 6.7 10.1
80 10.6 7.5 11.3



#67
4-Bromophenyl-phenylether
Concen: 4.829 ng
RT: 10.639 min Scan# 1454
Delta R.T. -0.241 min
Lab File: BF125040.D
Acq: 10 Aug 2021 20:32

Tgt Ion:248 Resp: 903
Ion Ratio Lower Upper
248 100
250 202.1 74.2 111.4#
141 496.2 60.4 90.6#

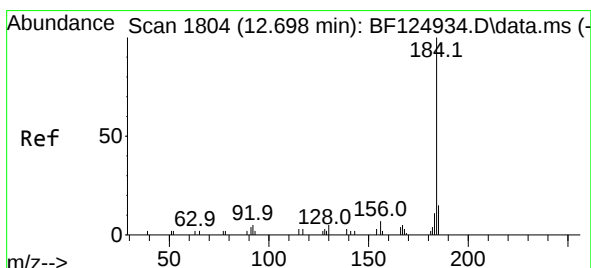
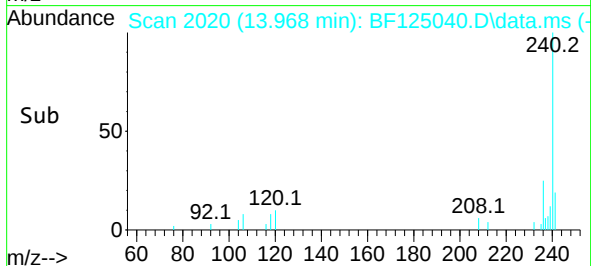
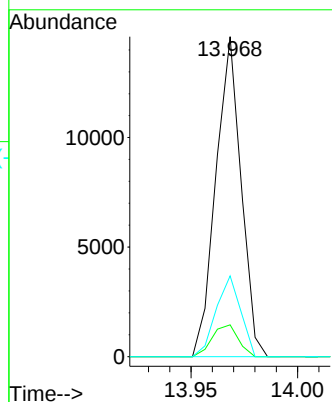
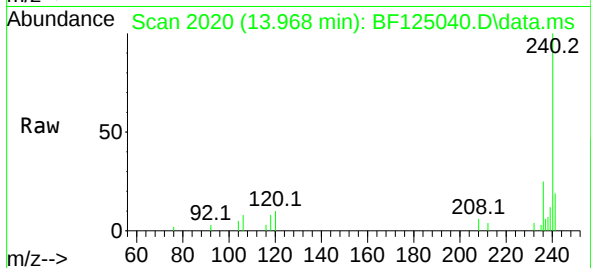




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.968 min Scan# 2020
Delta R.T. -0.006 min
Lab File: BF125040.D
Acq: 10 Aug 2021 20:32

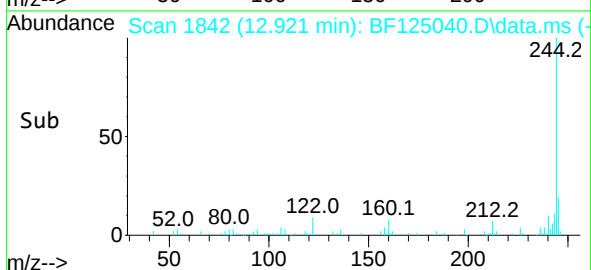
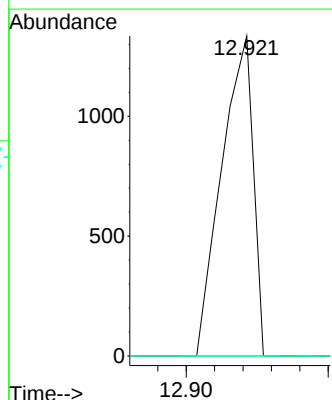
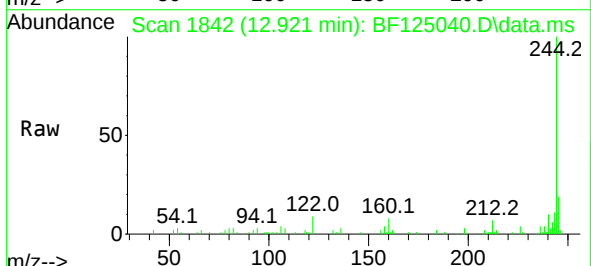
Instrument :
BNA_F
ClientSampleId :
SPLP-AMENDED-COM-3

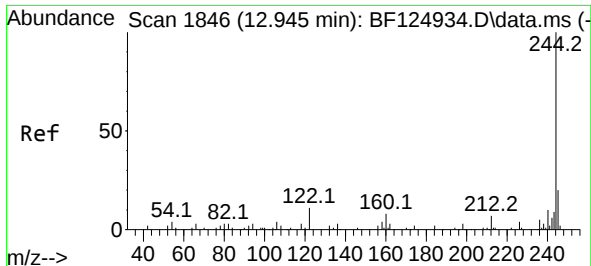
Tgt Ion:240 Resp: 12006
Ion Ratio Lower Upper
240 100
120 10.0 10.8 16.2#
236 25.3 21.6 32.4



#77
Benzidine
Concen: 3.203 ng
RT: 12.921 min Scan# 1842
Delta R.T. 0.253 min
Lab File: BF125040.D
Acq: 10 Aug 2021 20:32

Tgt Ion:184 Resp: 1029
Ion Ratio Lower Upper
184 100
185 0.0 10.8 16.2#
183 0.0 8.1 12.1#

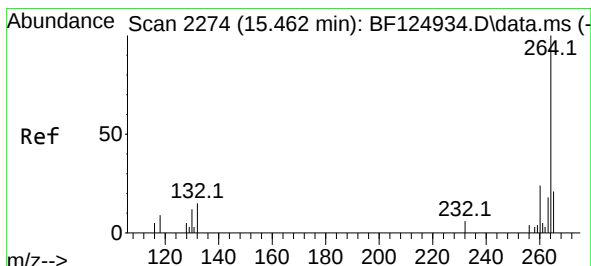
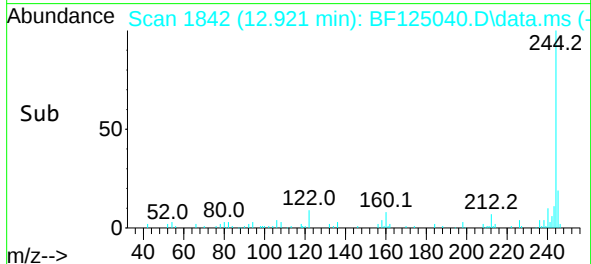
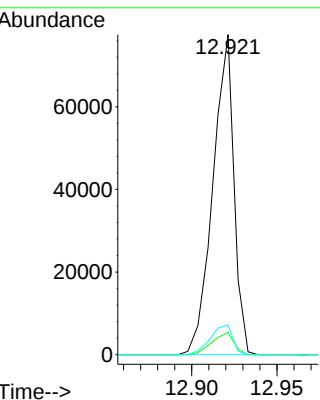
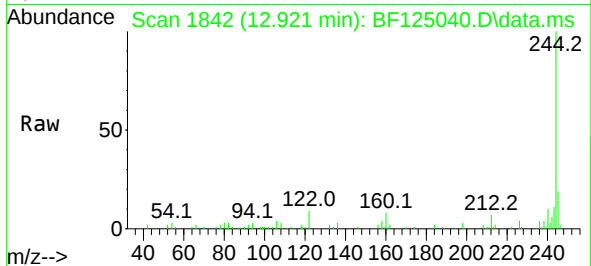




#79
 Terphenyl-d14
 Concen: 93.229 ng
 RT: 12.921 min Scan# 1842
 Delta R.T. 0.006 min
 Lab File: BF125040.D
 Acq: 10 Aug 2021 20:32

Instrument :
 BNA_F
 ClientSampleId :
 SPLP-AMENDED-COM-3

Tgt Ion:244	Resp:	66356
Ion Ratio	Lower	Upper
244	100	
212	7.0	5.9 8.9
122	9.3	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: BF125040.D
 Acq: 10 Aug 2021 20:32

Tgt Ion:264	Resp:	9511
Ion Ratio	Lower	Upper
264	100	
260	26.6	19.6 29.4
265	18.4	17.2 25.8

