

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122821\
 Data File : BF126391.D
 Acq On : 28 Dec 2021 20:20
 Operator : JU/CG
 Sample : M5115-04
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-4

Quant Time: Dec 29 08:24:17 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121521.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 22 13:00:11 2021
 Response via : Initial Calibration

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

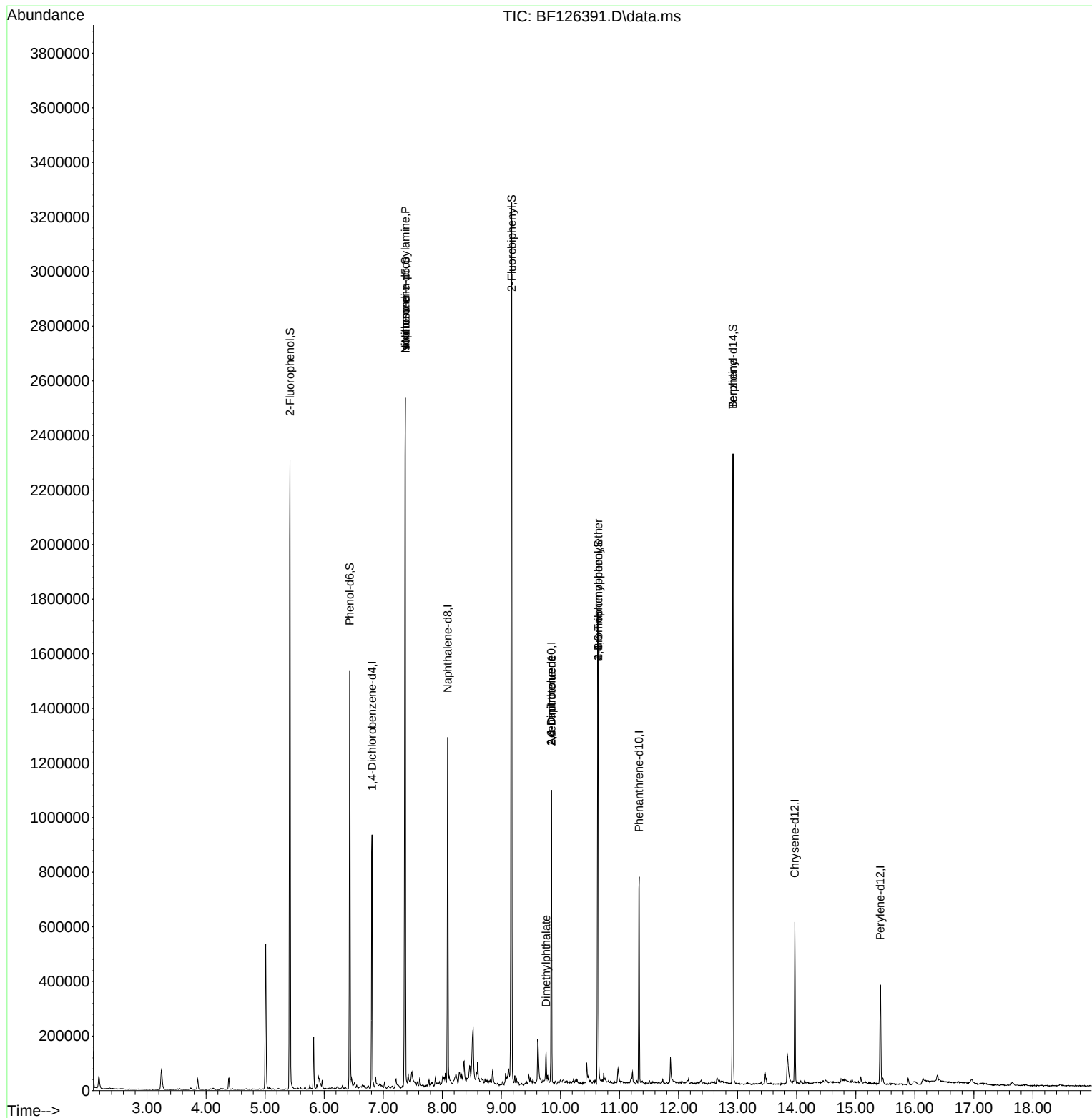
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.810	152	134663	20.000	ng	0.00
21) Naphthalene-d8	8.092	136	569056	20.000	ng	#-0.01
39) Acenaphthene-d10	9.845	164	200365	20.000	ng	-0.01
64) Phenanthrene-d10	11.333	188	272733	20.000	ng	# 0.00
76) Chrysene-d12	13.968	240	184262	20.000	ng	-0.01
86) Perylene-d12	15.415	264	155028	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	664479	72.666	ng	0.00
7) Phenol-d6	6.434	99	524911	45.208	ng	-0.01
23) Nitrobenzene-d5	7.375	82	966694	92.004	ng	0.00
42) 2,4,6-Tribromophenol	10.639	330	219867	136.544	ng	0.00
45) 2-Fluorobiphenyl	9.175	172	1088234	95.258	ng	0.00
79) Terphenyl-d14	12.921	244	733034	69.146	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.375	70	122612	17.202	ng	# 54
25) Isophorone	7.375	82	964053	48.587	ng	# 59
50) Dimethylphthalate	9.757	163	40084	3.158	ng	# 89
51) 2,6-Dinitrotoluene	9.845	165	25678	9.347	ng	# 28
57) 2,4-Dinitrotoluene	9.845	165	25678	7.328	ng	# 20
67) 4-Bromophenyl-phenylether	10.639	248	11774	4.600	ng	# 1
77) Benzidine	12.921	184	8869	3.053	ng	# 89

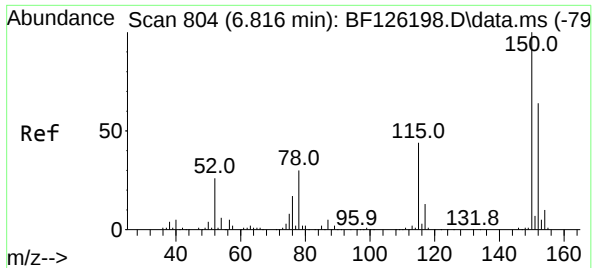
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122821\
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ALS Vial : 15 Sample Multiplier: 1

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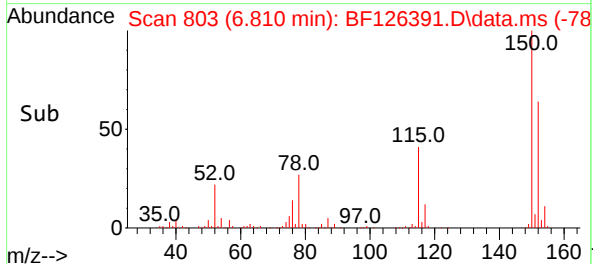
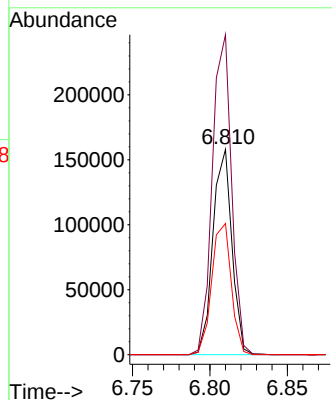
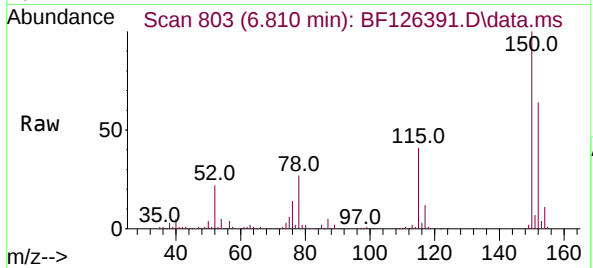




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.810 min Scan# 804
Delta R.T. -0.006 min
Lab File: BF126391.D
Acq: 28 Dec 2021 20:20

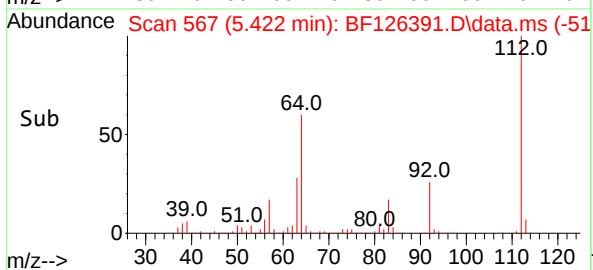
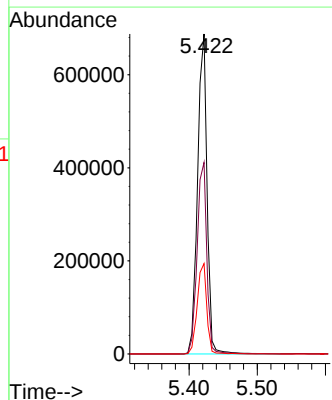
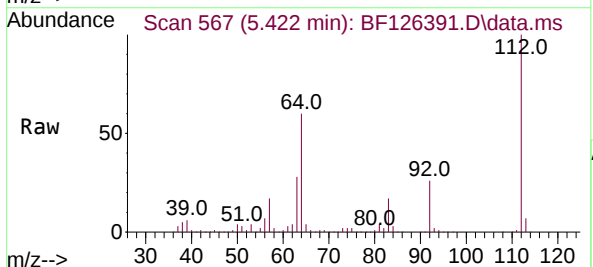
Instrument :
BNA_F
ClientSampleId :
MW-4

Tgt Ion:152 Resp: 134663
Ion Ratio Lower Upper
152 100
150 155.8 117.6 176.4
115 63.9 47.1 70.7



#5
2-Fluorophenol
Concen: 72.666 ng
RT: 5.422 min Scan# 567
Delta R.T. -0.006 min
Lab File: BF126391.D
Acq: 28 Dec 2021 20:20

Tgt Ion:112 Resp: 664479
Ion Ratio Lower Upper
112 100
64 59.9 44.2 66.2
63 28.2 26.2 39.2

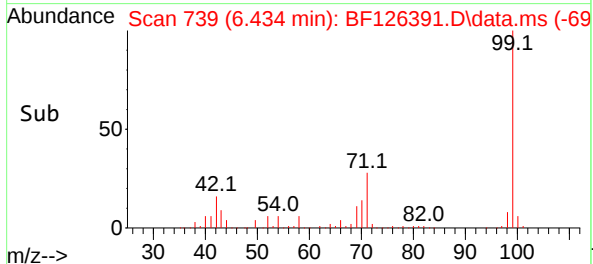
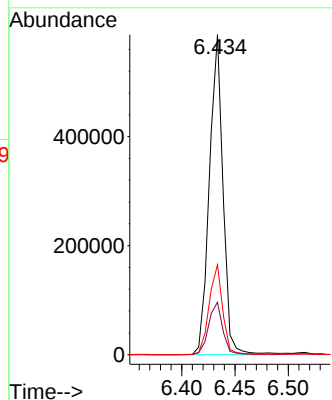
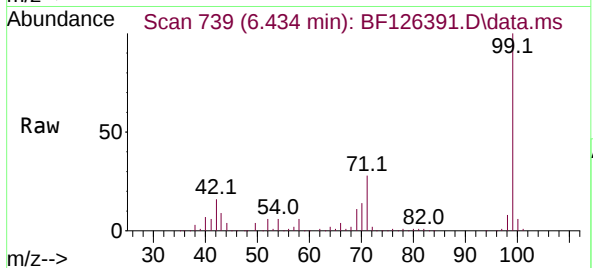




#7
Phenol-d6
Concen: 45.208 ng
RT: 6.434 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF126391.D
Acq: 28 Dec 2021 20:20

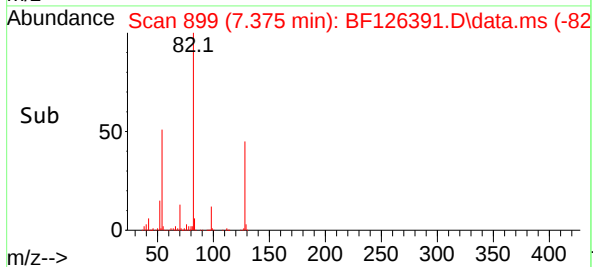
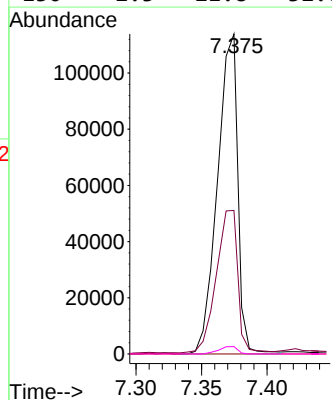
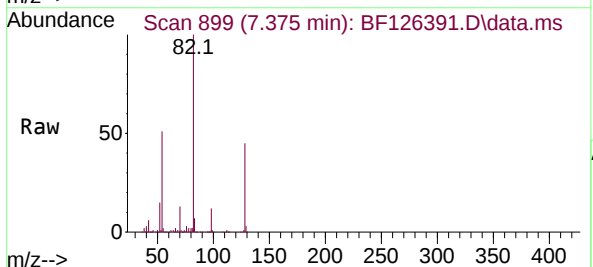
Instrument :
BNA_F
ClientSampleId :
MW-4

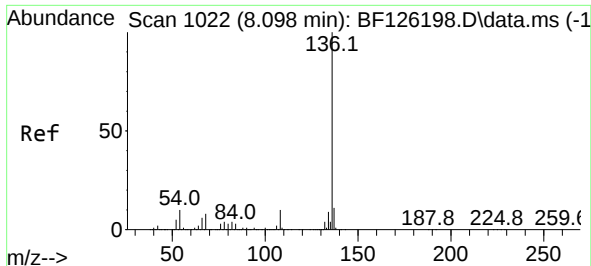
Tgt Ion: 99 Resp: 524911
Ion Ratio Lower Upper
99 100
42 16.4 23.5 35.3#
71 28.1 25.6 38.4



#19
n-Nitroso-di-n-propylamine
Concen: 17.202 ng
RT: 7.375 min Scan# 899
Delta R.T. 0.141 min
Lab File: BF126391.D
Acq: 28 Dec 2021 20:20

Tgt Ion: 70 Resp: 122612
Ion Ratio Lower Upper
70 100
42 44.8 72.2 108.2#
101 0.0 7.8 11.8#
130 2.3 21.8 32.6#

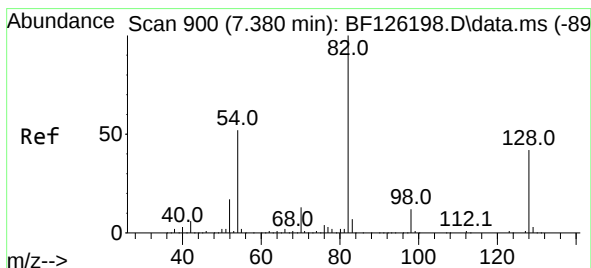
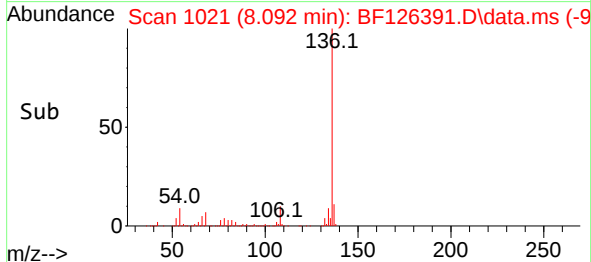
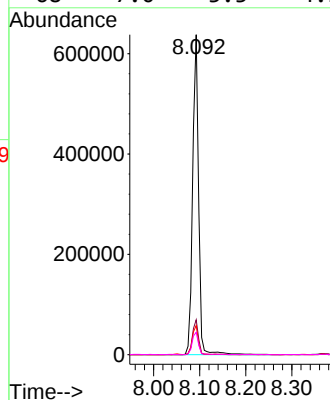
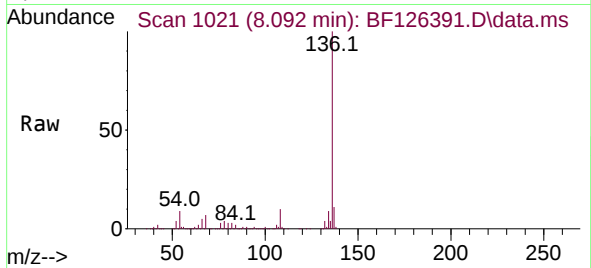




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.092 min Scan# 1022
Delta R.T. -0.012 min
Lab File: BF126391.D
Acq: 28 Dec 2021 20:20

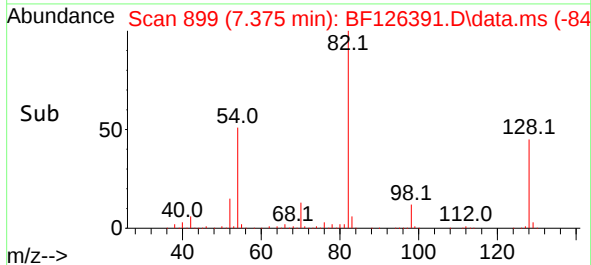
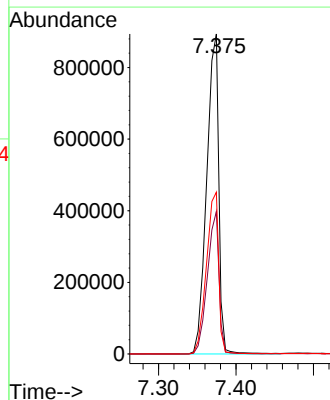
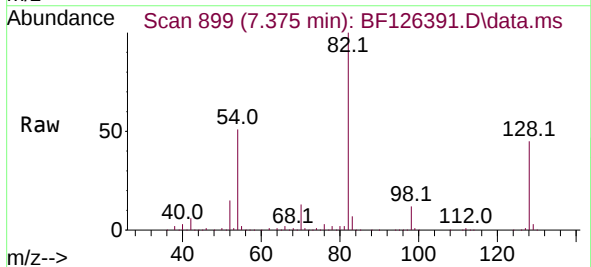
Instrument :
BNA_F
ClientSampleId :
MW-4

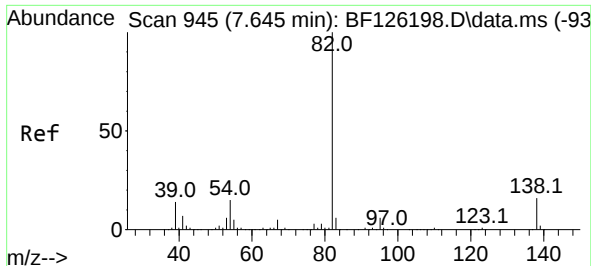
Tgt Ion:	136	Resp:	569056
Ion Ratio	Lower	Upper	
136	100		
137	10.9	9.8	14.6
54	9.1	6.4	9.6
68	7.0	3.3	4.9



#23
Nitrobenzene-d5
Concen: 92.004 ng
RT: 7.375 min Scan# 899
Delta R.T. -0.006 min
Lab File: BF126391.D
Acq: 28 Dec 2021 20:20

Tgt Ion:	82	Resp:	966694
Ion Ratio	Lower	Upper	
82	100		
128	44.5	40.6	60.8
54	50.6	49.6	74.4

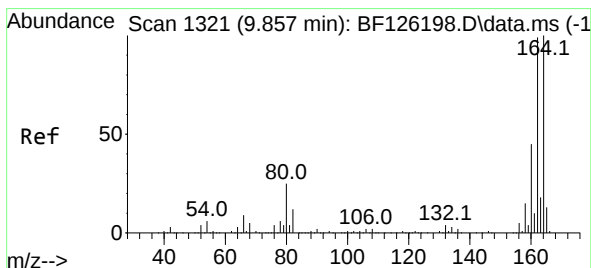
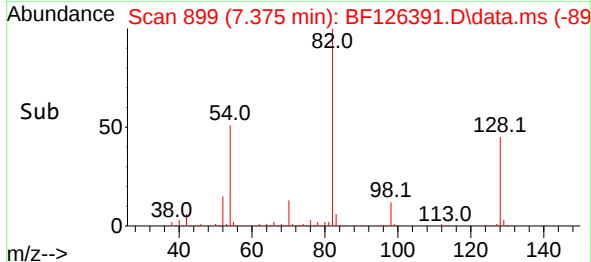
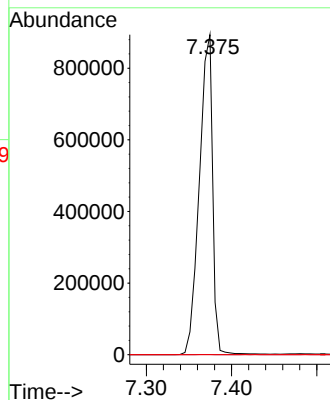
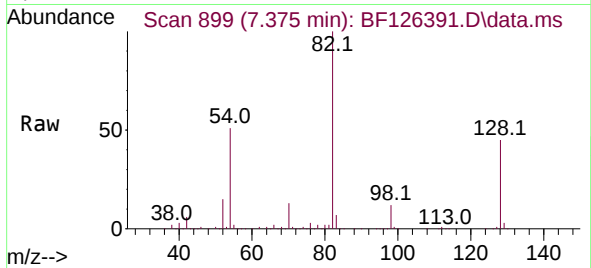




#25
Isophorone
Concen: 48.587 ng
RT: 7.375 min Scan# 89
Delta R.T. -0.265 min
Lab File: BF126391.D
Acq: 28 Dec 2021 20:20

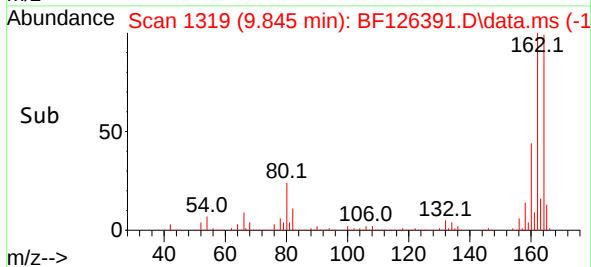
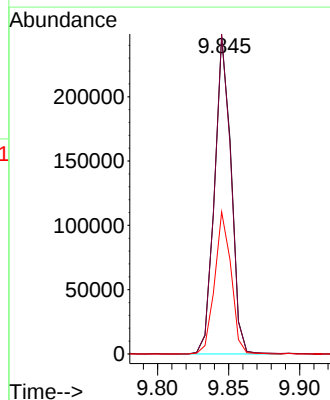
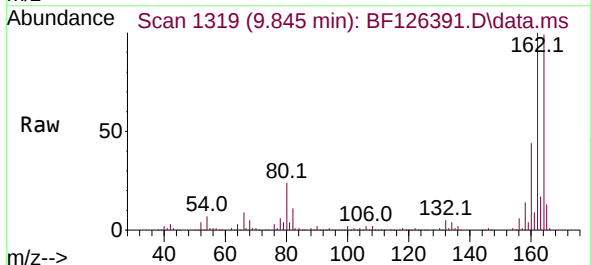
Instrument :
BNA_F
ClientSampleId :
MW-4

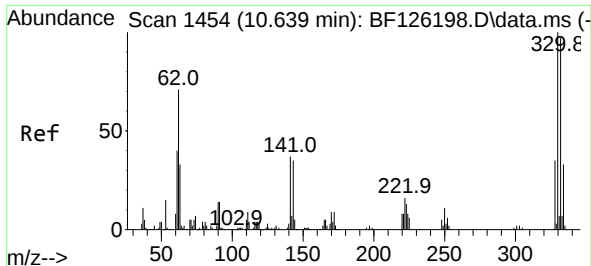
Tgt Ion: 82 Resp: 964053
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.845 min Scan# 1319
Delta R.T. -0.012 min
Lab File: BF126391.D
Acq: 28 Dec 2021 20:20

Tgt Ion: 164 Resp: 200365
Ion Ratio Lower Upper
164 100
162 100.8 81.3 121.9
160 44.8 38.0 57.0

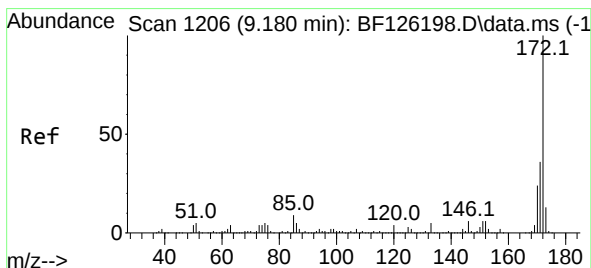
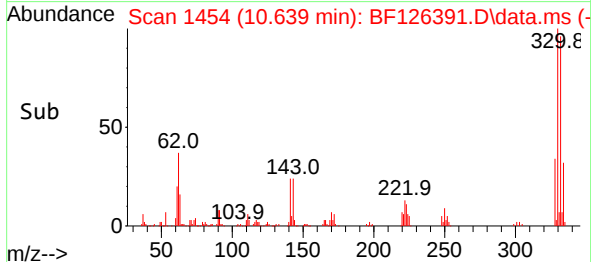
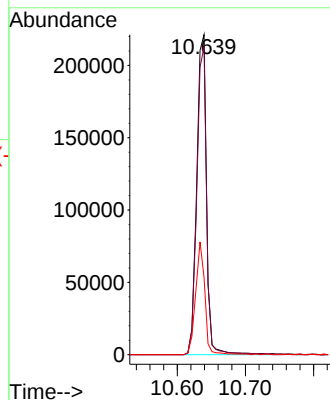
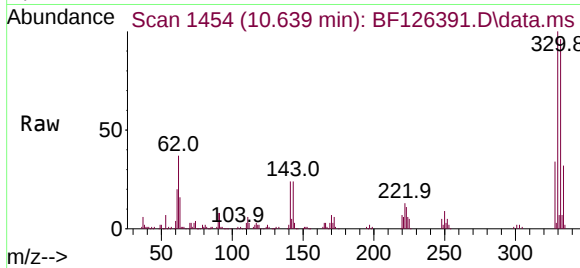




#42
2,4,6-Tribromophenol
Concen: 136.544 ng
RT: 10.639 min Scan# 1454
Delta R.T. -0.006 min
Lab File: BF126391.D
Acq: 28 Dec 2021 20:20

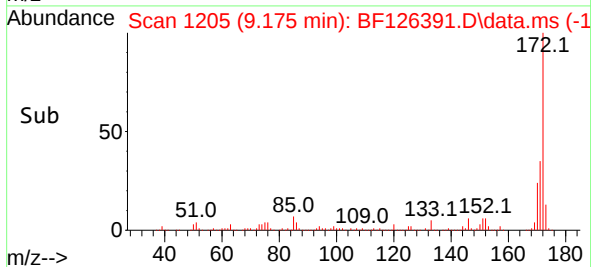
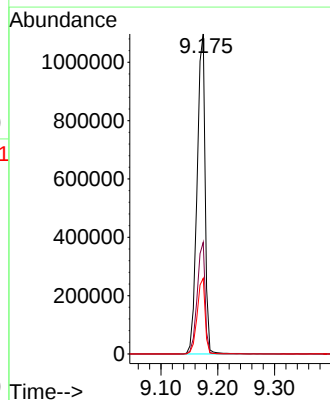
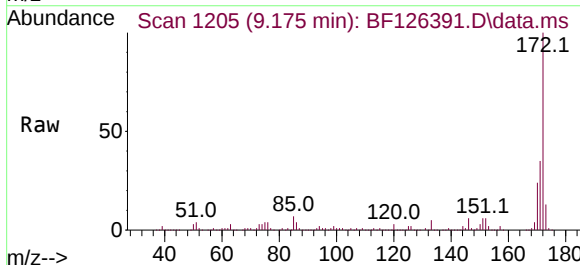
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ClientSampleId :
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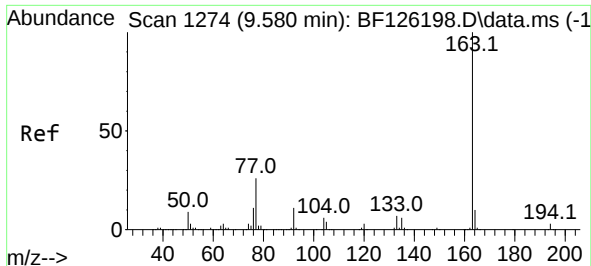
Tgt Ion: 330 Resp: 219867
Ion Ratio Lower Upper
330 100
332 95.6 76.2 114.4
141 33.0 44.6 66.8#



#45
2-Fluorobiphenyl
Concen: 95.258 ng
RT: 9.175 min Scan# 1205
Delta R.T. -0.006 min
Lab File: BF126391.D
Acq: 28 Dec 2021 20:20

Tgt Ion: 172 Resp: 1088234
Ion Ratio Lower Upper
172 100
171 34.9 26.5 39.7
170 23.6 18.8 28.2

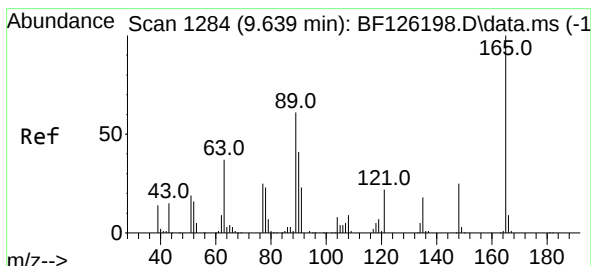
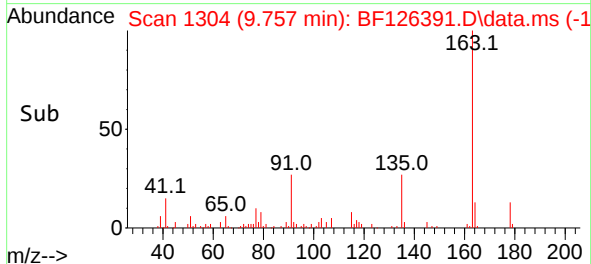
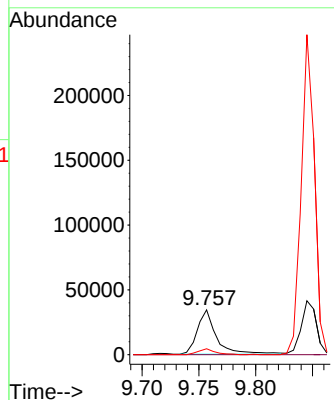
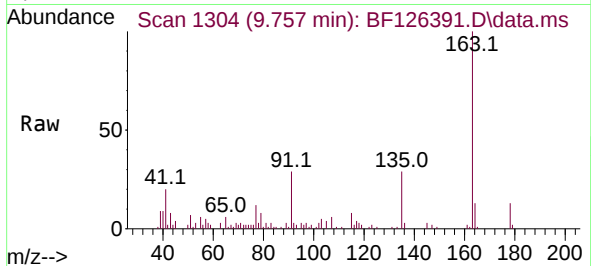




#50
Dimethylphthalate
Concen: 3.158 ng
RT: 9.757 min Scan# 11
Delta R.T. 0.176 min
Lab File: BF126391.D
Acq: 28 Dec 2021 20:20

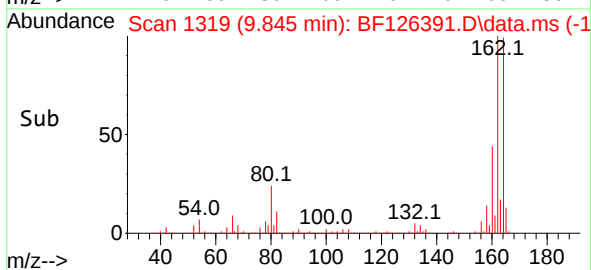
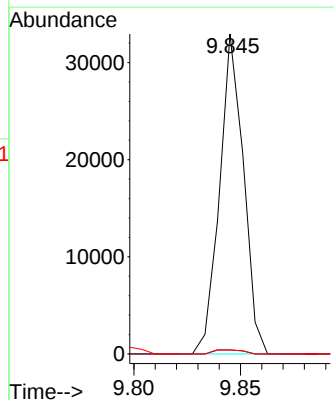
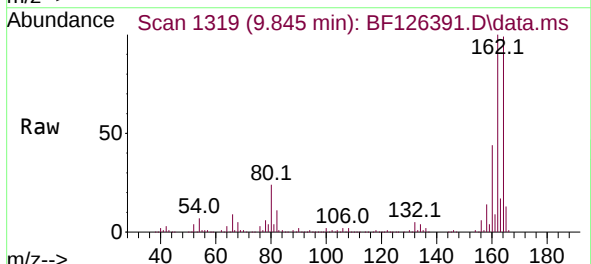
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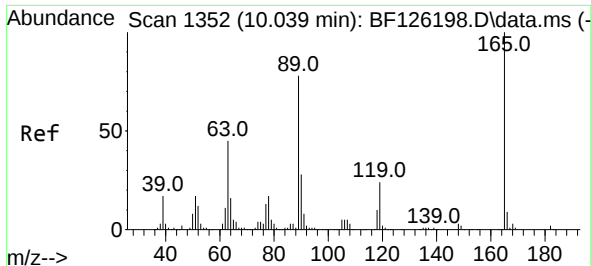
Tgt Ion:163 Resp: 40084
Ion Ratio Lower Upper
163 100
194 0.0 2.6 3.8#
164 13.2 7.4 11.0#



#51
2,6-Dinitrotoluene
Concen: 9.347 ng
RT: 9.845 min Scan# 1319
Delta R.T. 0.206 min
Lab File: BF126391.D
Acq: 28 Dec 2021 20:20

Tgt Ion:165 Resp: 25678
Ion Ratio Lower Upper
165 100
63 1.2 42.6 63.8#
89 1.3 40.6 60.8#

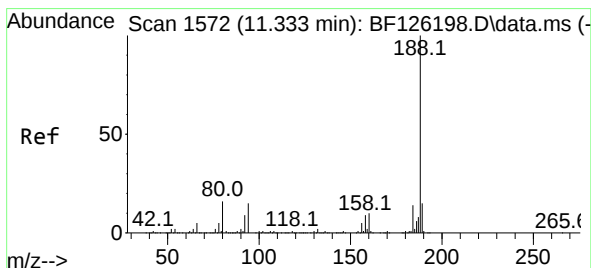
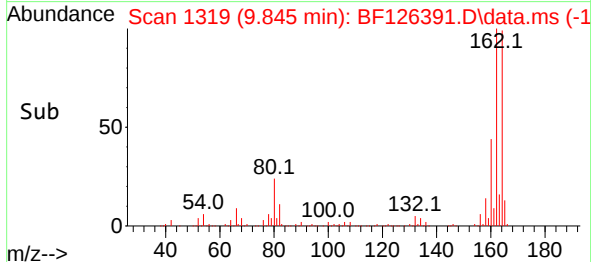
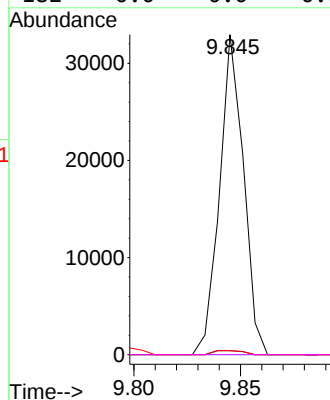
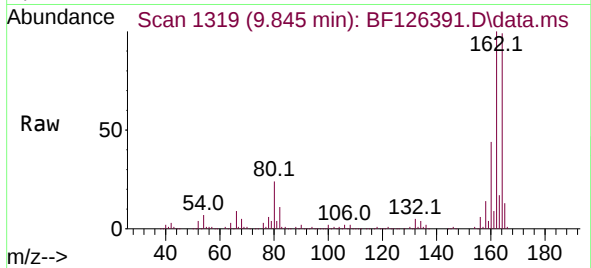




#57
2,4-Dinitrotoluene
Concen: 7.328 ng
RT: 9.845 min Scan# 11
Delta R.T. -0.194 min
Lab File: BF126391.D
Acq: 28 Dec 2021 20:20

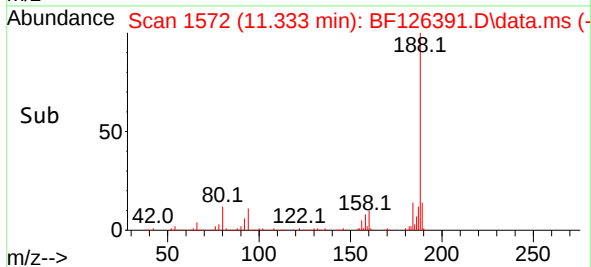
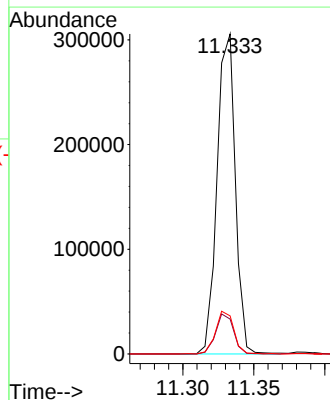
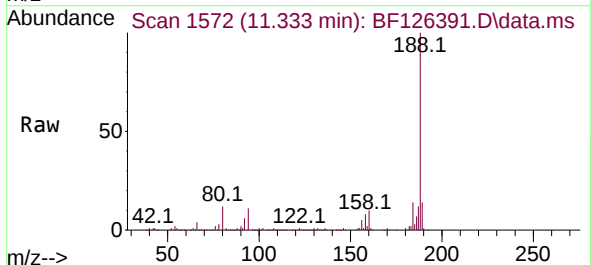
Instrument :
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ClientSampleId :
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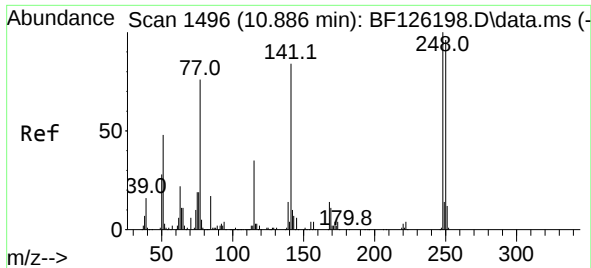
Tgt Ion:165	Resp:	25678
Ion Ratio	Lower	Upper
165	100	
63	1.2	40.9 61.3#
89	1.3	59.7 89.5#
182	0.0	0.0 0.0



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.333 min Scan# 1572
Delta R.T. -0.006 min
Lab File: BF126391.D
Acq: 28 Dec 2021 20:20

Tgt Ion:188	Resp:	272733
Ion Ratio	Lower	Upper
188	100	
94	10.9	6.7 10.1#
80	11.9	7.5 11.3#

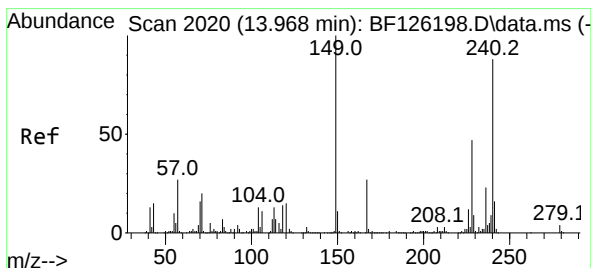
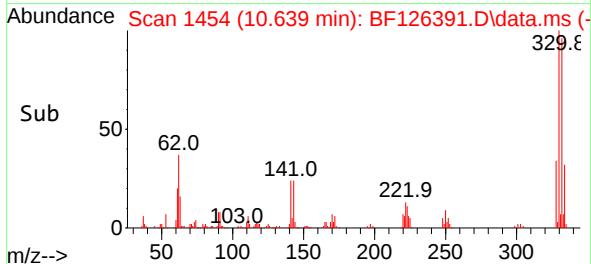
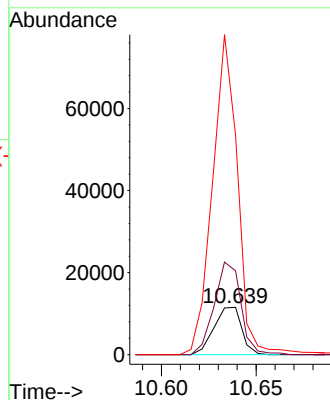
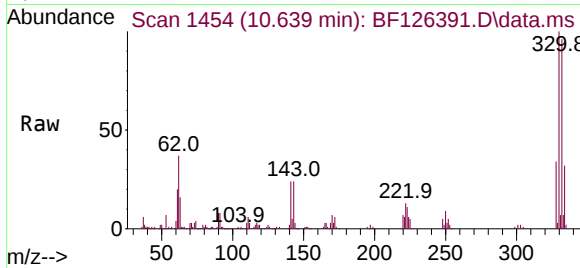




#67
4-Bromophenyl-phenylether
Concen: 4.600 ng
RT: 10.639 min Scan# 1496
Delta R.T. -0.247 min
Lab File: BF126391.D
Acq: 28 Dec 2021 20:20

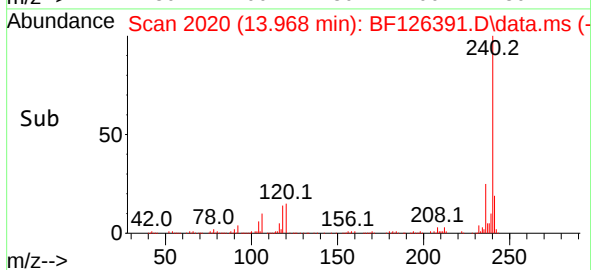
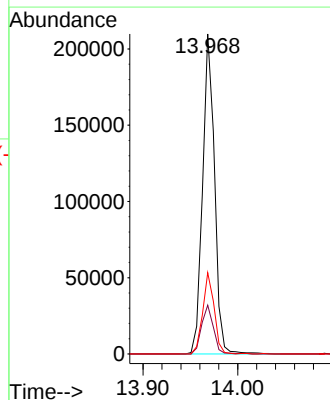
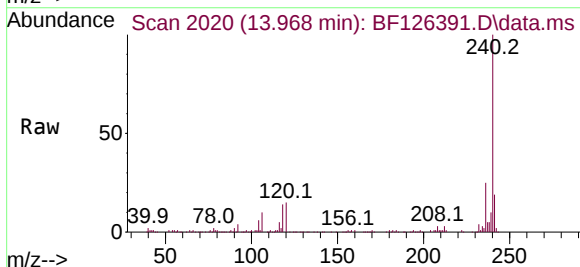
Instrument :
BNA_F
ClientSampleId :
MW-4

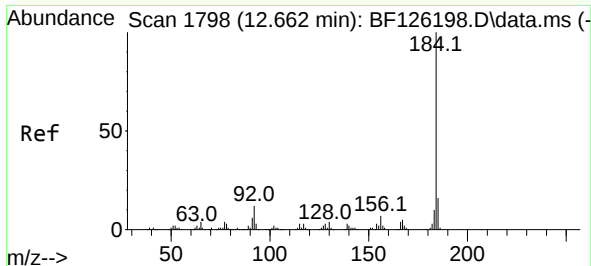
Tgt Ion:248 Resp: 11774
Ion Ratio Lower Upper
248 100
250 177.1 74.2 111.4#
141 463.6 60.4 90.6#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.968 min Scan# 2020
Delta R.T. -0.012 min
Lab File: BF126391.D
Acq: 28 Dec 2021 20:20

Tgt Ion:240 Resp: 184262
Ion Ratio Lower Upper
240 100
120 15.3 10.8 16.2
236 25.4 21.6 32.4

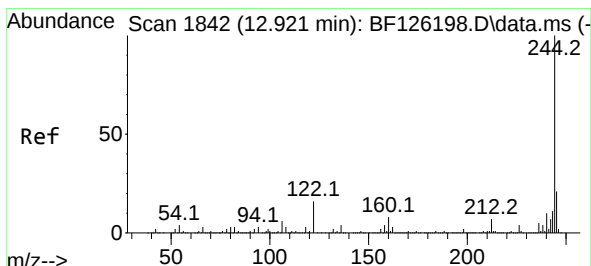
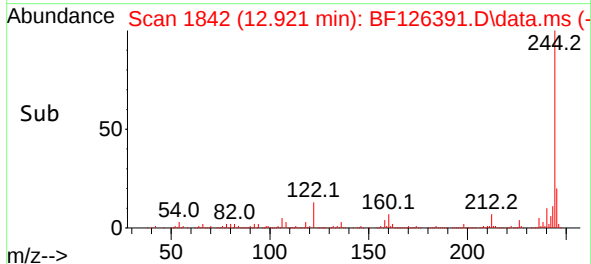
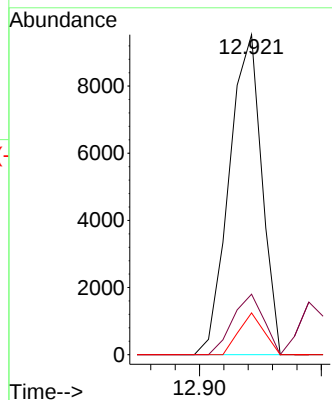
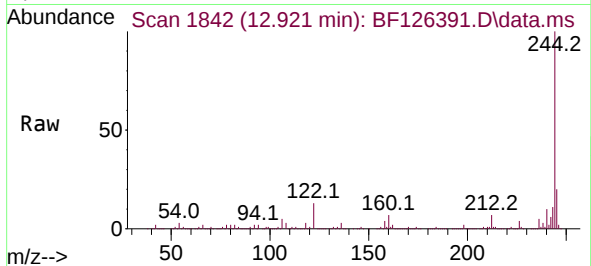




#77
Benzidine
Concen: 3.053 ng
RT: 12.921 min Scan# 1842
Delta R.T. 0.247 min
Lab File: BF126391.D
Acq: 28 Dec 2021 20:20

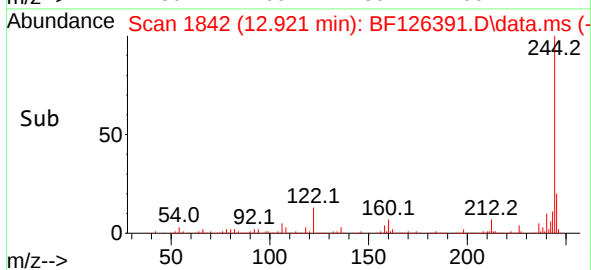
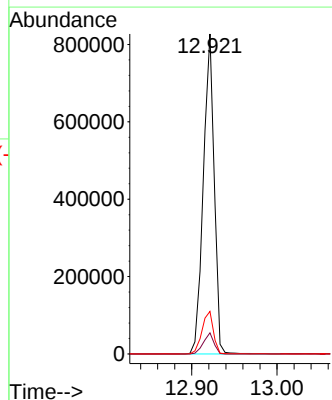
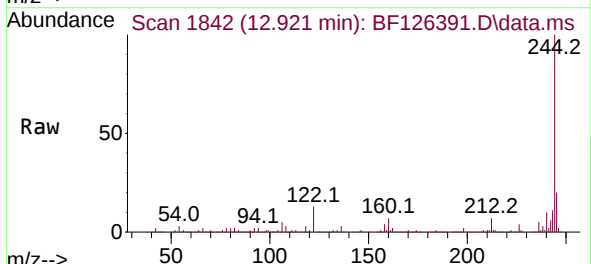
Instrument :
BNA_F
ClientSampleId :
MW-4

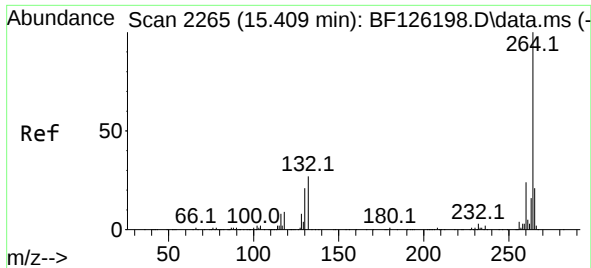
Tgt Ion:184 Resp: 8869
Ion Ratio Lower Upper
184 100
185 18.9 10.8 16.2#
183 13.1 8.1 12.1#



#79
Terphenyl-d14
Concen: 69.146 ng
RT: 12.921 min Scan# 1842
Delta R.T. -0.006 min
Lab File: BF126391.D
Acq: 28 Dec 2021 20:20

Tgt Ion:244 Resp: 733034
Ion Ratio Lower Upper
244 100
212 6.6 5.9 8.9
122 13.3 9.0 13.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.415 min Scan# 21
Delta R.T. -0.012 min
Lab File: BF126391.D
Acq: 28 Dec 2021 20:20

Instrument :
BNA_F
ClientSampleId :
MW-4

Tgt Ion:264 Resp: 155028
Ion Ratio Lower Upper
264 100
260 22.8 19.6 29.4
265 21.2 17.2 25.8

