

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081022\
 Data File : BF129693.D
 Acq On : 10 Aug 2022 12:51
 Operator : CG\JU
 Sample : N3971-02
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-7R

Quant Time: Aug 10 15:29:34 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 10 15:26:57 2022
 Response via : Initial Calibration

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

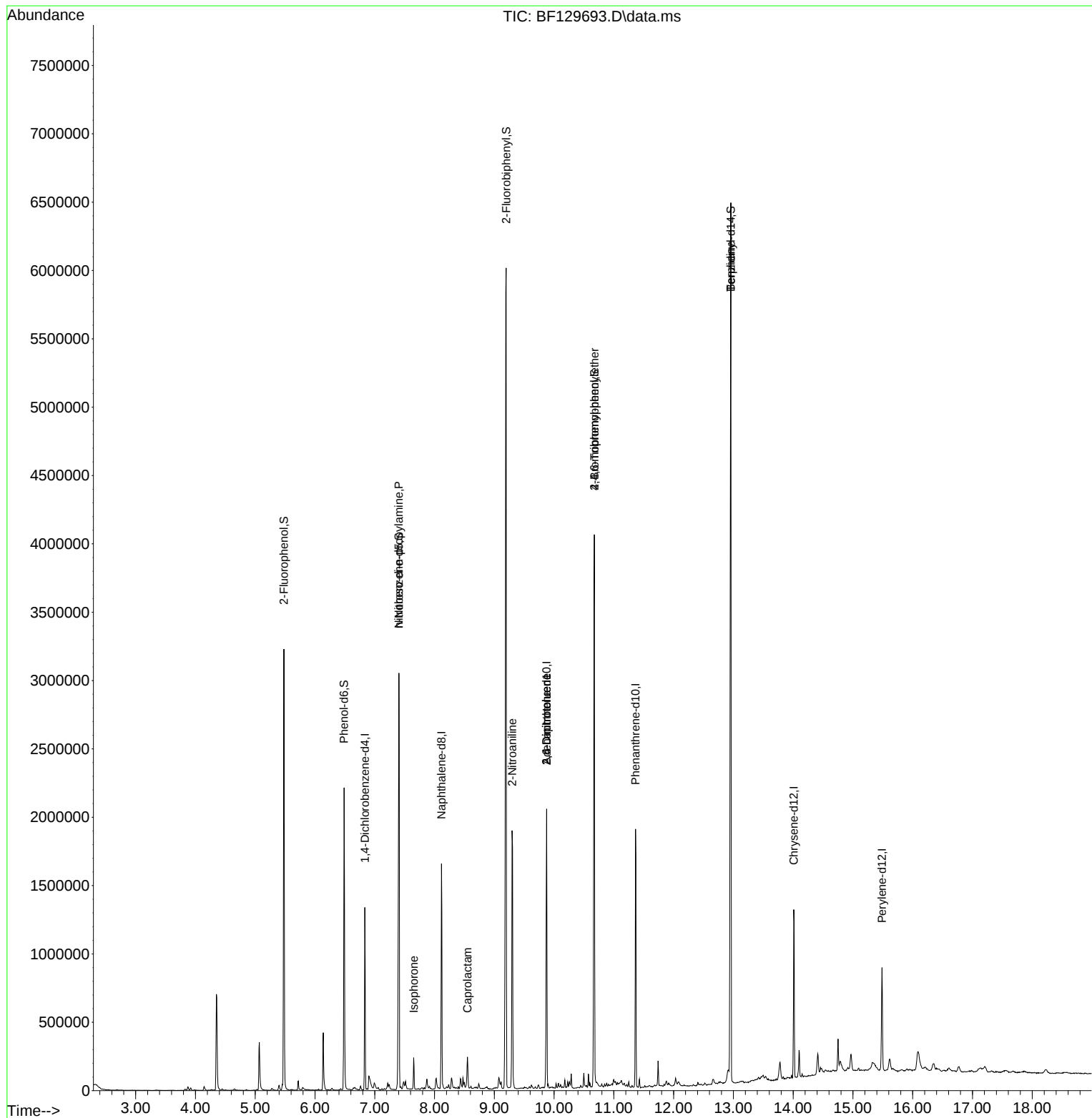
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.834	152	188783	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	760296	20.000	ng	0.00
39) Acenaphthene-d10	9.875	164	398859	20.000	ng	0.00
64) Phenanthrene-d10	11.363	188	689896	20.000	ng	# 0.00
76) Chrysene-d12	14.010	240	428064	20.000	ng	-0.01
86) Perylene-d12	15.486	264	320554	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	852992	73.604	ng	0.00
7) Phenol-d6	6.487	99	709411	48.701	ng	0.00
23) Nitrobenzene-d5	7.404	82	1218782	87.507	ng	0.00
42) 2,4,6-Tribromophenol	10.675	330	516939	134.805	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	2188170	84.867	ng	0.00
79) Terphenyl-d14	12.957	244	2280292	100.498	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.404	70	163306	18.519	ng	# 73
25) Isophorone	7.651	82	74653	2.990	ng	99
35) Caprolactam	8.551	113	28743	8.071	ng	# 88
48) 2-Nitroaniline	9.298	65	34128	4.362	ng	# 19
51) 2,6-Dinitrotoluene	9.875	165	52693	8.550	ng	# 25
57) 2,4-Dinitrotoluene	9.875	165	52693	6.545	ng	# 21
67) 4-Bromophenyl-phenylether	10.675	248	33588	4.446	ng	# 1
77) Benzidine	12.957	184	32034	2.118	ng	# 92

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

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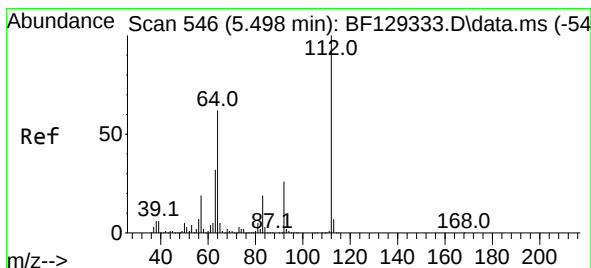
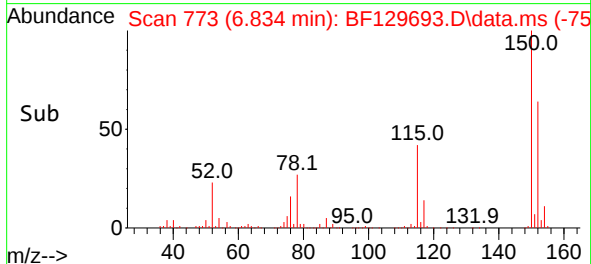
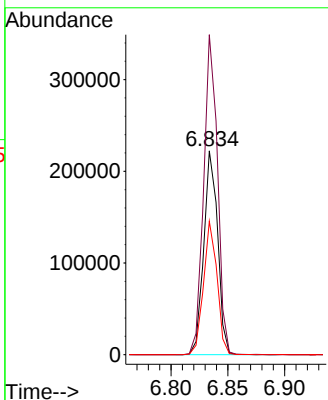
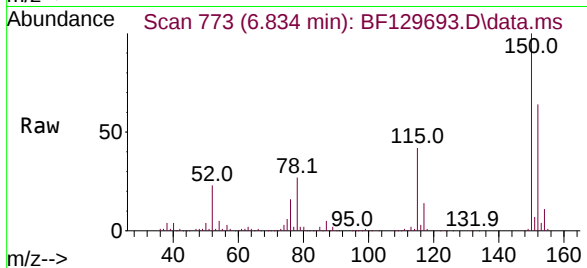




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.834 min Scan# 71
 Delta R.T. -0.005 min
 Lab File: BF129693.D
 Acq: 10 Aug 2022 12:51

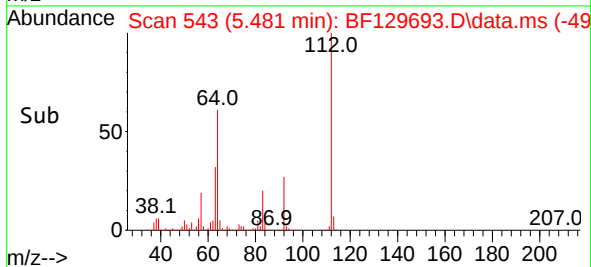
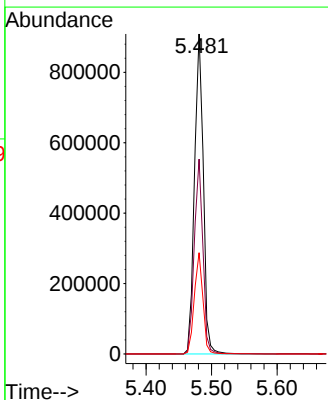
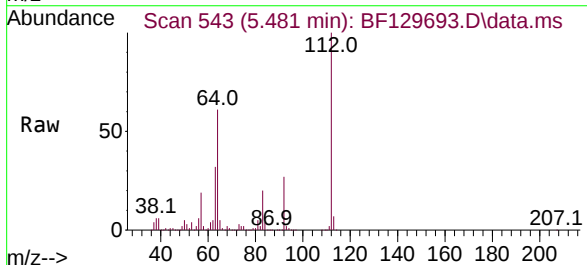
Instrument :
 BNA_F
 ClientSampleId :
 MW-7R

Tgt Ion:152 Resp: 188783
 Ion Ratio Lower Upper
 152 100
 150 157.0 123.7 185.5
 115 65.4 49.9 74.9



#5
 2-Fluorophenol
 Concen: 73.604 ng
 RT: 5.481 min Scan# 543
 Delta R.T. 0.006 min
 Lab File: BF129693.D
 Acq: 10 Aug 2022 12:51

Tgt Ion:112 Resp: 852992
 Ion Ratio Lower Upper
 112 100
 64 60.9 53.3 79.9
 63 31.7 28.0 42.0

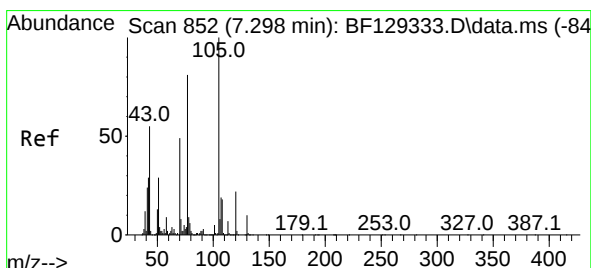
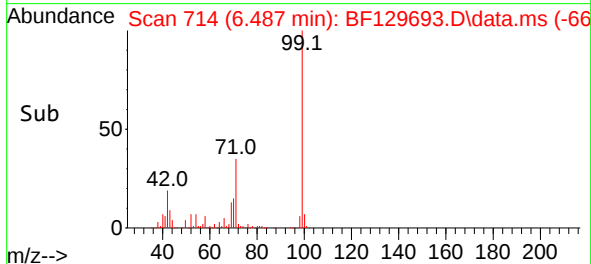
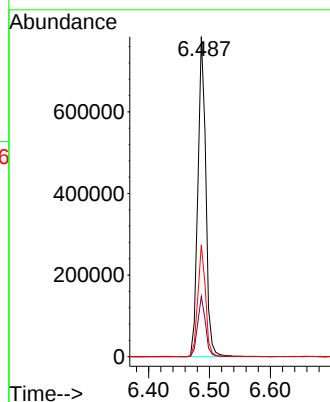
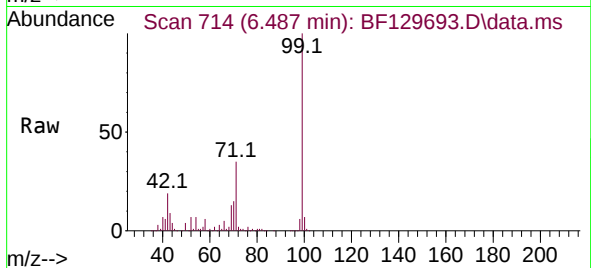




#7
Phenol-d6
Concen: 48.701 ng
RT: 6.487 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF129693.D
Acq: 10 Aug 2022 12:51

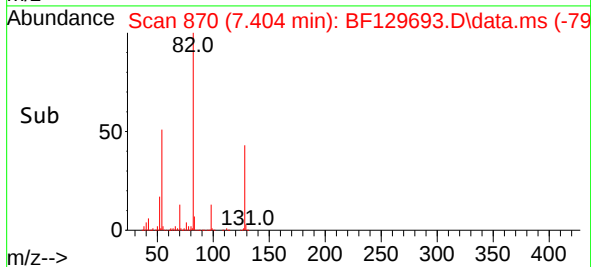
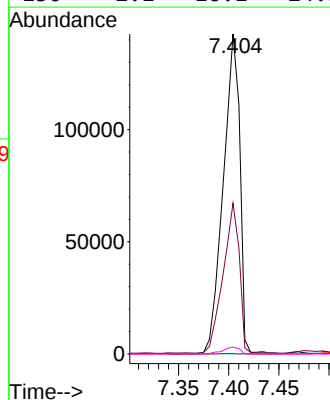
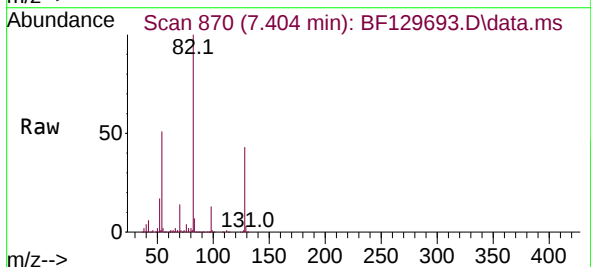
Instrument :
BNA_F
ClientSampleId :
MW-7R

Tgt Ion: 99 Resp: 709411
Ion Ratio Lower Upper
99 100
42 18.8 17.3 25.9
71 34.9 28.9 43.3



#19
n-Nitroso-di-n-propylamine
Concen: 18.519 ng
RT: 7.404 min Scan# 870
Delta R.T. 0.147 min
Lab File: BF129693.D
Acq: 10 Aug 2022 12:51

Tgt Ion: 70 Resp: 163306
Ion Ratio Lower Upper
70 100
42 47.1 52.3 78.5#
101 0.2 7.5 11.3#
130 2.1 16.1 24.1#



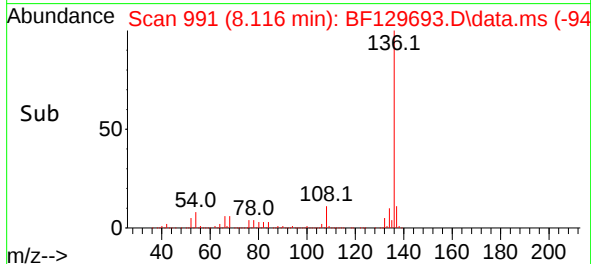
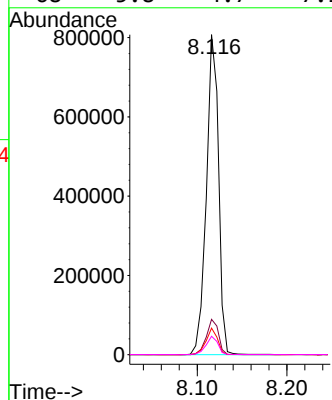
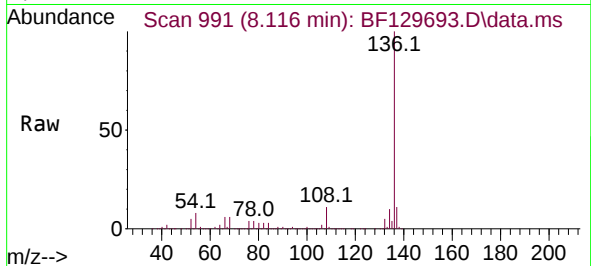


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.116 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF129693.D
Acq: 10 Aug 2022 12:51

Instrument :
BNA_F
ClientSampleId :
MW-7R

Tgt Ion:136 Resp: 760296

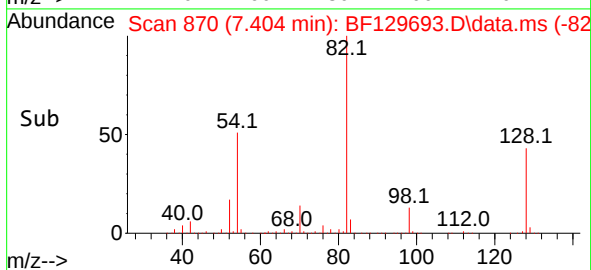
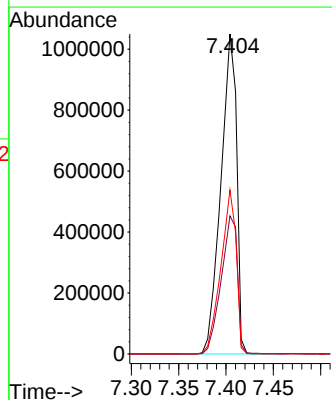
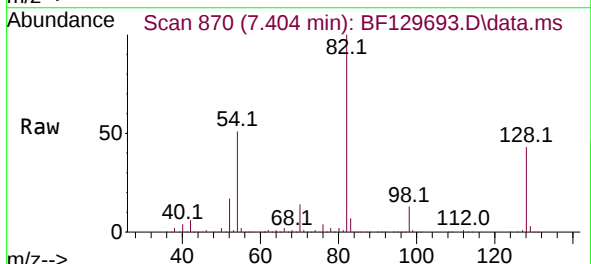
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	8.3	7.5	11.3
68	5.8	4.7	7.1

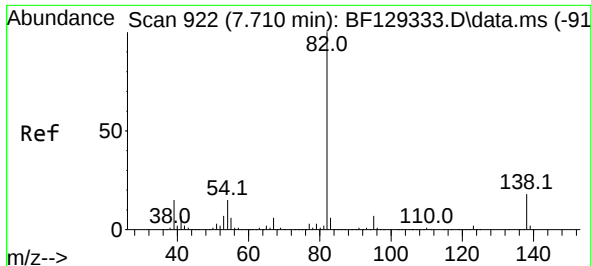


#23
Nitrobenzene-d5
Concen: 87.507 ng
RT: 7.404 min Scan# 870
Delta R.T. -0.006 min
Lab File: BF129693.D
Acq: 10 Aug 2022 12:51

Tgt Ion: 82 Resp: 1218782

Ion	Ratio	Lower	Upper
82	100		
128	43.1	34.0	51.0
54	51.2	46.9	70.3

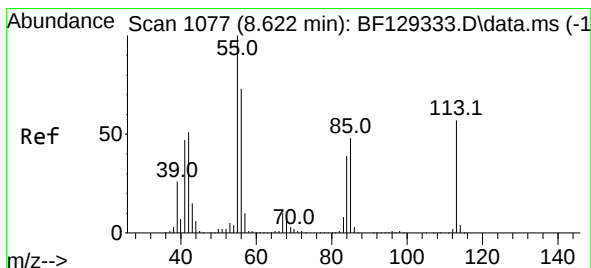
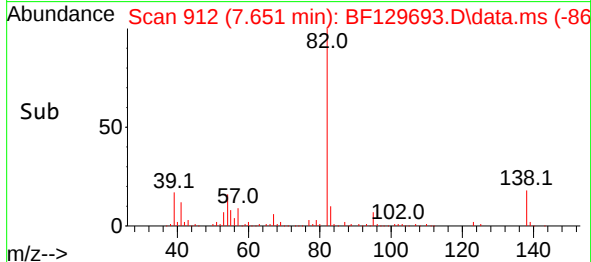
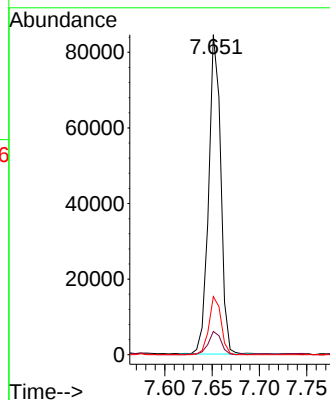
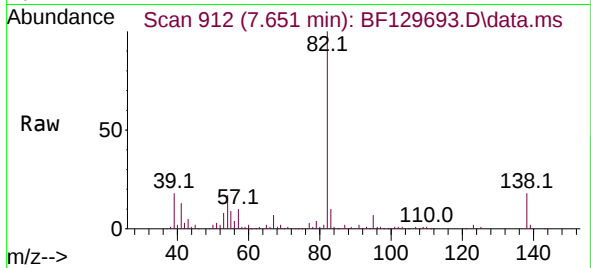




#25
Isophorone
Concen: 2.990 ng
RT: 7.651 min Scan# 91
Delta R.T. -0.018 min
Lab File: BF129693.D
Acq: 10 Aug 2022 12:51

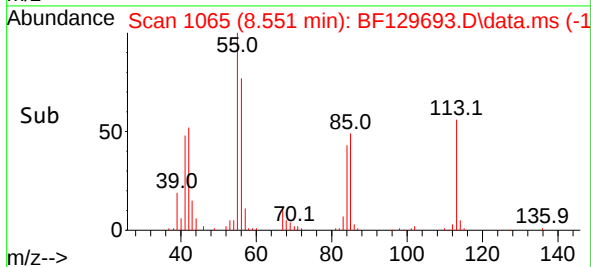
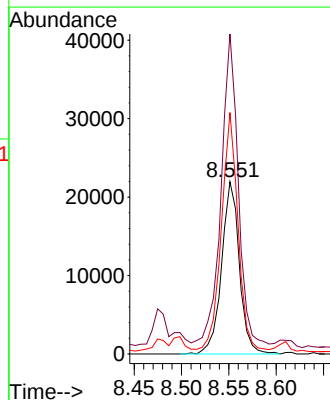
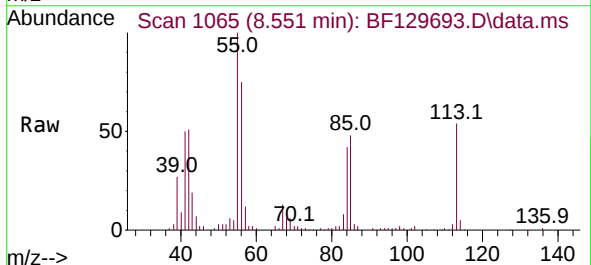
Instrument :
BNA_F
ClientSampleId :
MW-7R

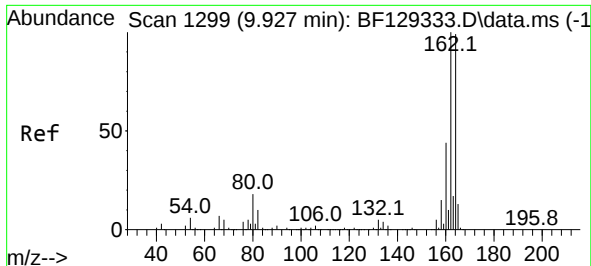
Tgt Ion: 82 Resp: 74653
Ion Ratio Lower Upper
82 100
95 7.3 5.7 8.5
138 18.2 14.2 21.2



#35
Caprolactam
Concen: 8.071 ng
RT: 8.551 min Scan# 1065
Delta R.T. -0.035 min
Lab File: BF129693.D
Acq: 10 Aug 2022 12:51

Tgt Ion: 113 Resp: 28743
Ion Ratio Lower Upper
113 100
55 185.8 188.5 228.5#
56 140.1 130.6 170.6

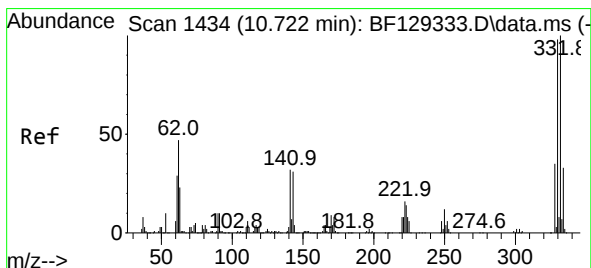
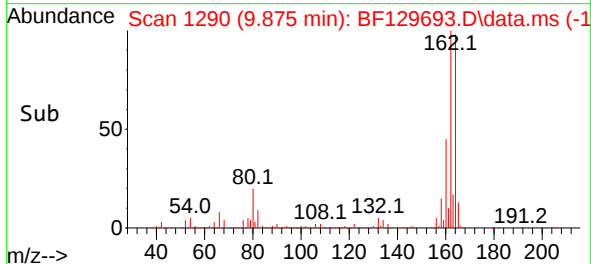
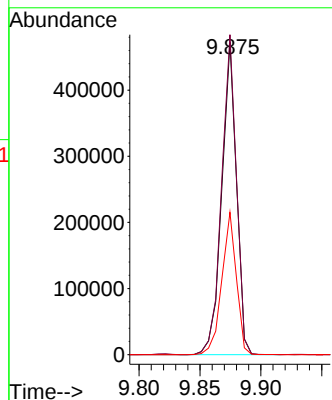
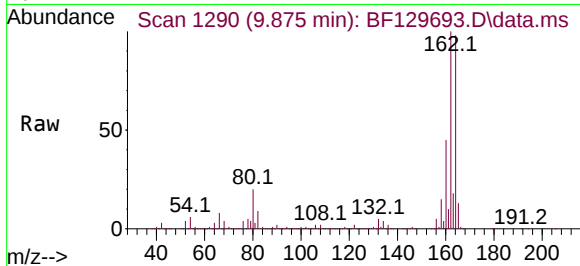




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.875 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF129693.D
Acq: 10 Aug 2022 12:51

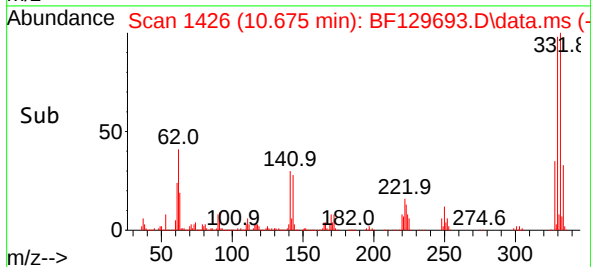
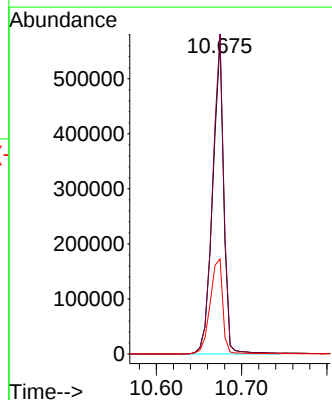
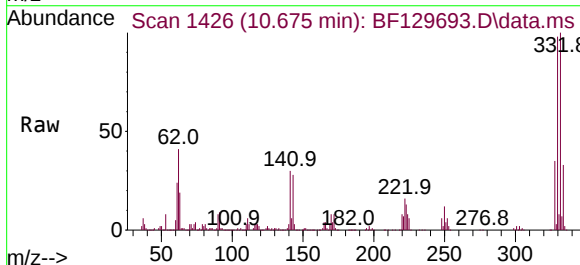
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BNA_F
ClientSampleId :
MW-7R

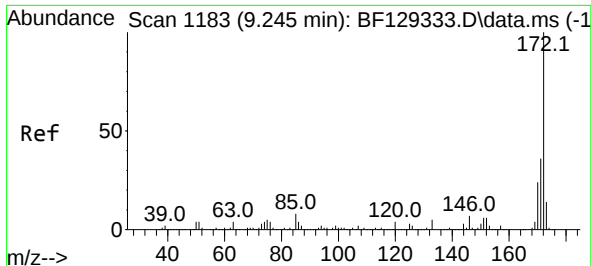
Tgt Ion:164 Resp: 398859
Ion Ratio Lower Upper
164 100
162 102.4 79.5 119.3
160 45.6 34.2 51.4



#42
2,4,6-Tribromophenol
Concen: 134.805 ng
RT: 10.675 min Scan# 1426
Delta R.T. 0.000 min
Lab File: BF129693.D
Acq: 10 Aug 2022 12:51

Tgt Ion:330 Resp: 516939
Ion Ratio Lower Upper
330 100
332 103.9 76.8 115.2
141 34.8 28.0 42.0





#45

2-Fluorobiphenyl

Concen: 84.867 ng

RT: 9.198 min Scan# 1183

Delta R.T. 0.000 min

Lab File: BF129693.D

Acq: 10 Aug 2022 12:51

Instrument :

BNA_F

ClientSampleId :

MW-7R

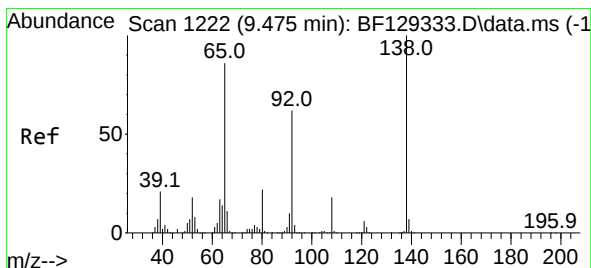
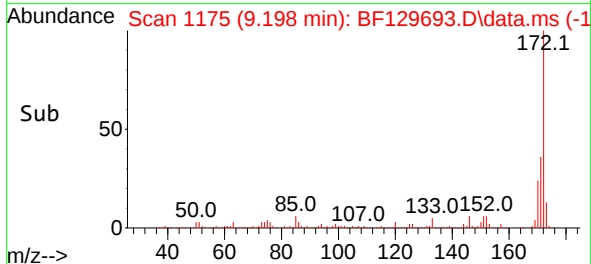
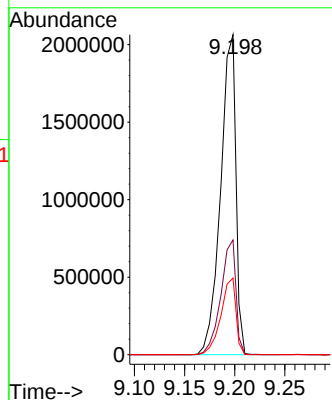
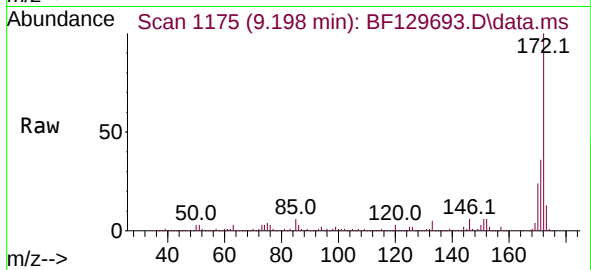
Tgt Ion:172 Resp: 2188170

Ion Ratio Lower Upper

172 100

171 35.8 28.8 43.2

170 23.9 19.8 29.8



#48

2-Nitroaniline

Concen: 4.362 ng

RT: 9.298 min Scan# 1192

Delta R.T. -0.135 min

Lab File: BF129693.D

Acq: 10 Aug 2022 12:51

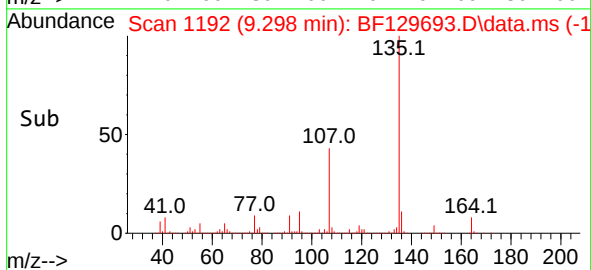
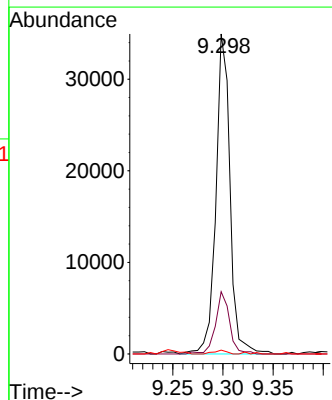
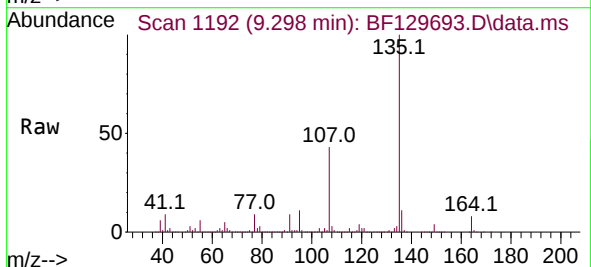
Tgt Ion: 65 Resp: 34128

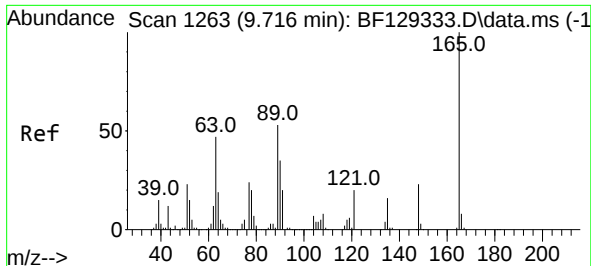
Ion Ratio Lower Upper

65 100

92 19.5 51.9 77.9#

138 1.2 76.4 114.6#

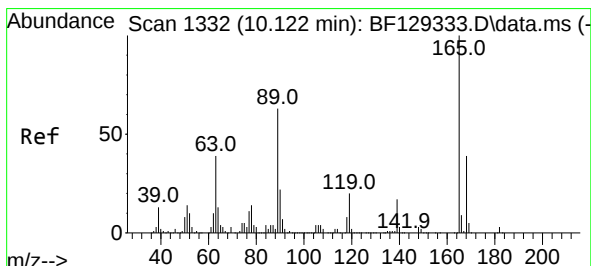
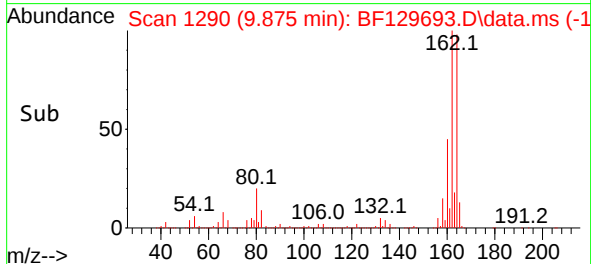
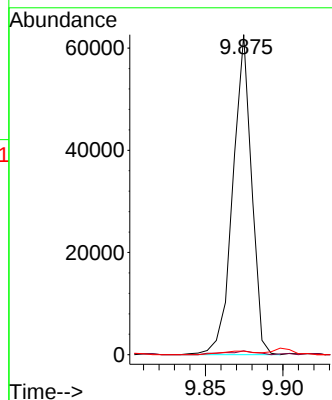
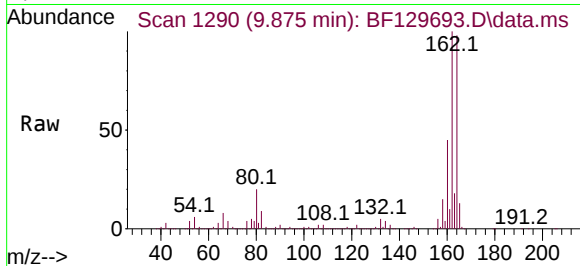




#51
2,6-Dinitrotoluene
Concen: 8.550 ng
RT: 9.875 min Scan# 1290
Delta R.T. 0.200 min
Lab File: BF129693.D
Acq: 10 Aug 2022 12:51

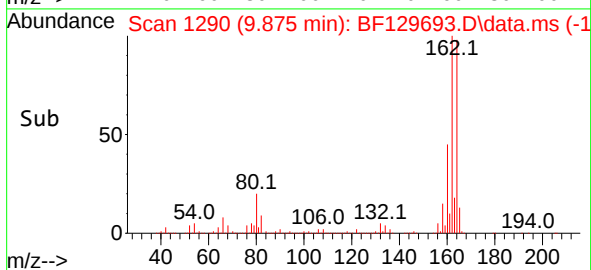
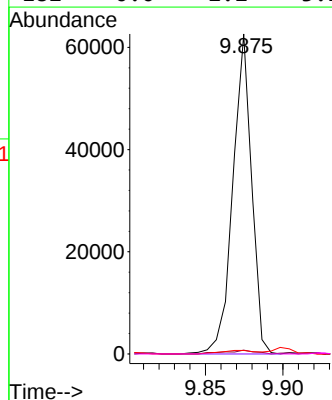
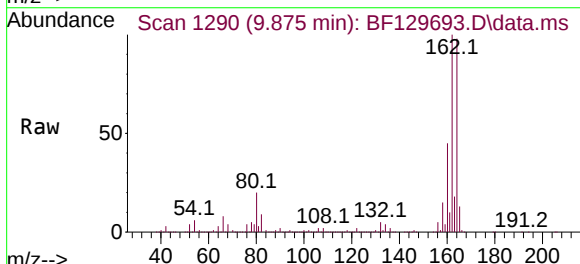
Instrument :
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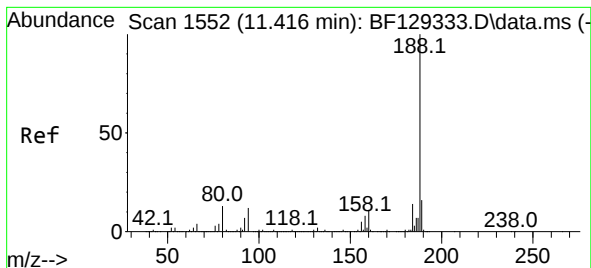
Tgt Ion:165 Resp: 52693
Ion Ratio Lower Upper
165 100
63 1.2 44.9 67.3#
89 1.1 43.6 65.4#



#57
2,4-Dinitrotoluene
Concen: 6.545 ng
RT: 9.875 min Scan# 1290
Delta R.T. -0.206 min
Lab File: BF129693.D
Acq: 10 Aug 2022 12:51

Tgt Ion:165 Resp: 52693
Ion Ratio Lower Upper
165 100
63 1.2 39.8 59.6#
89 1.1 60.2 90.2#
182 0.0 2.2 3.2#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.363 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF129693.D

Acq: 10 Aug 2022 12:51

Instrument :

BNA_F

ClientSampleId :

MW-7R

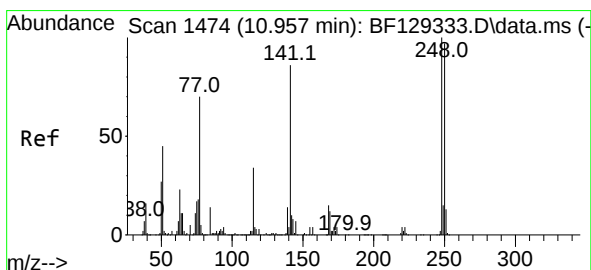
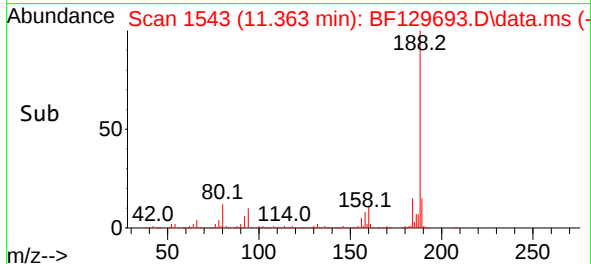
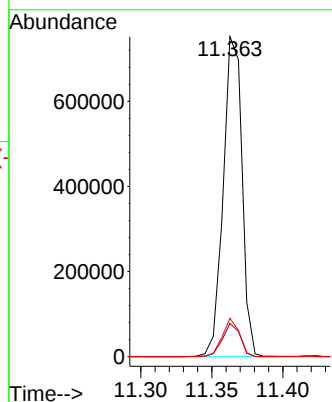
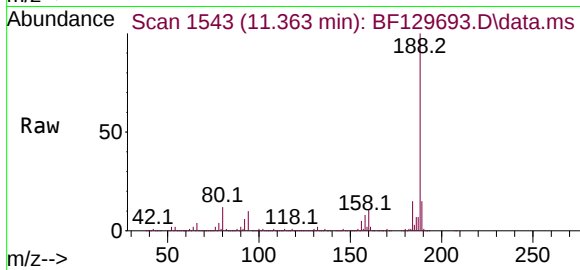
Tgt Ion:188 Resp: 689896

Ion Ratio Lower Upper

188 100

94 10.4 7.0 10.6

80 12.0 7.6 11.4#



#67

4-Bromophenyl-phenylether

Concen: 4.446 ng

RT: 10.675 min Scan# 1426

Delta R.T. -0.235 min

Lab File: BF129693.D

Acq: 10 Aug 2022 12:51

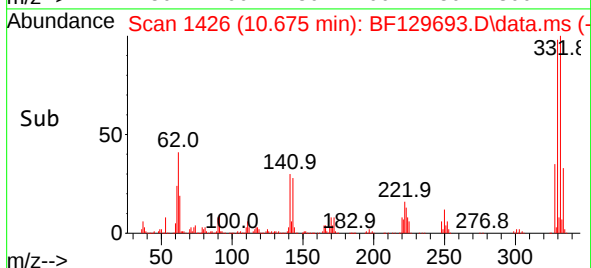
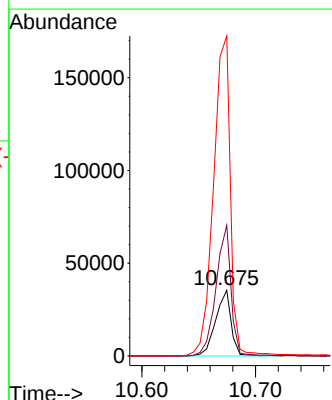
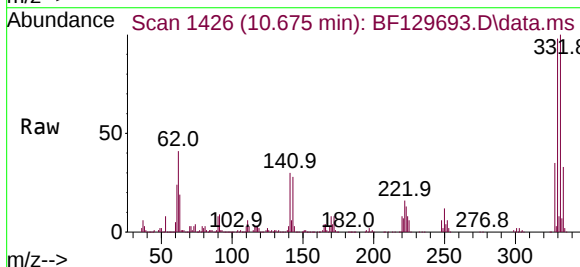
Tgt Ion:248 Resp: 33588

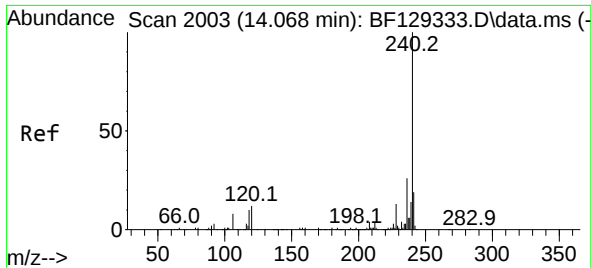
Ion Ratio Lower Upper

248 100

250 198.8 80.6 120.8#

141 487.3 58.9 88.3#

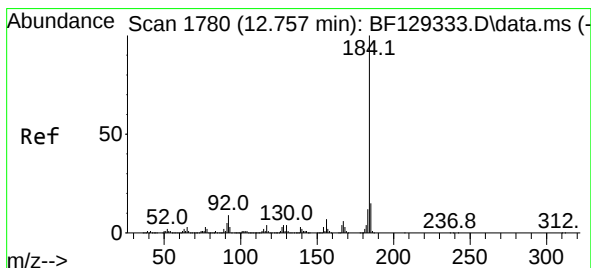
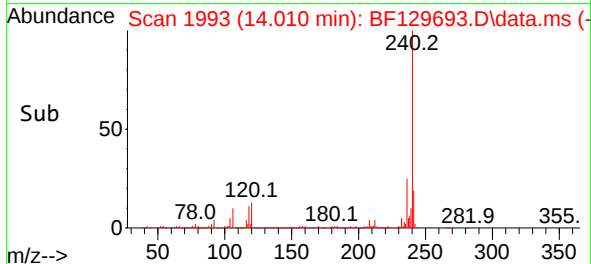
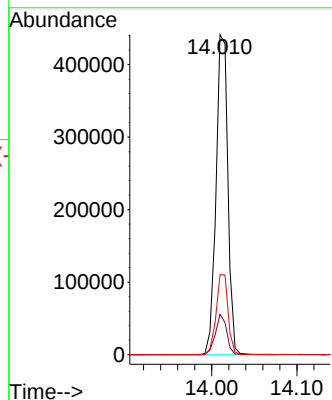
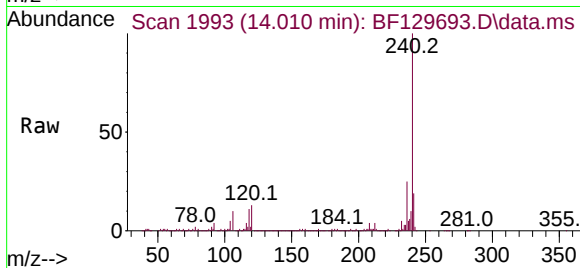




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.010 min Scan# 1814
Delta R.T. -0.012 min
Lab File: BF129693.D
Acq: 10 Aug 2022 12:51

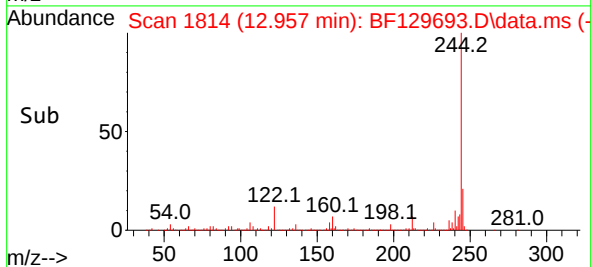
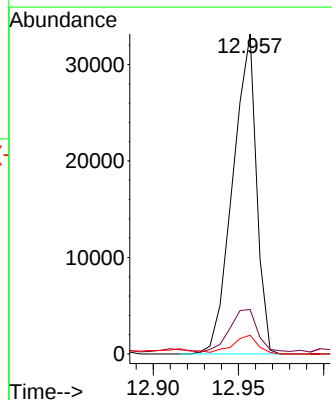
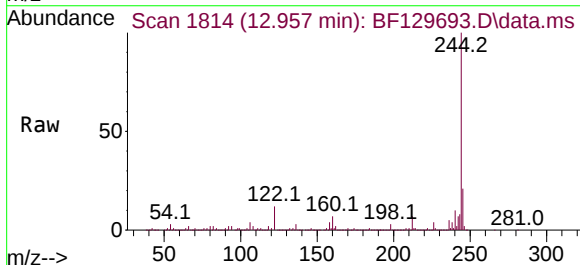
Instrument :
BNA_F
ClientSampleId :
MW-7R

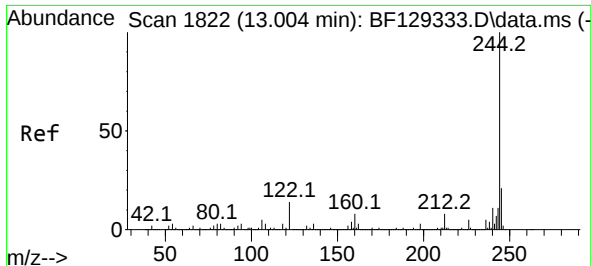
Tgt Ion:240 Resp: 428064
Ion Ratio Lower Upper
240 100
120 12.6 8.9 13.3
236 25.0 20.8 31.2



#77
Benzidine
Concen: 2.118 ng
RT: 12.957 min Scan# 1814
Delta R.T. 0.247 min
Lab File: BF129693.D
Acq: 10 Aug 2022 12:51

Tgt Ion:184 Resp: 32034
Ion Ratio Lower Upper
184 100
185 13.9 11.9 17.9
183 5.8 9.3 13.9#

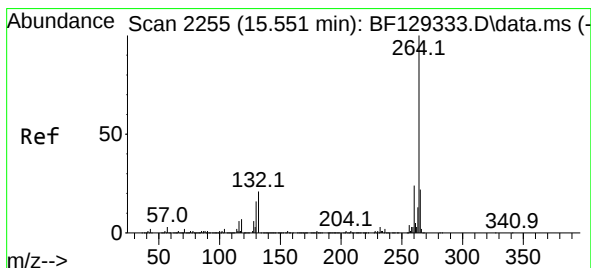
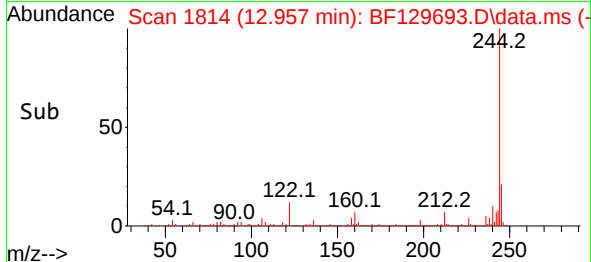
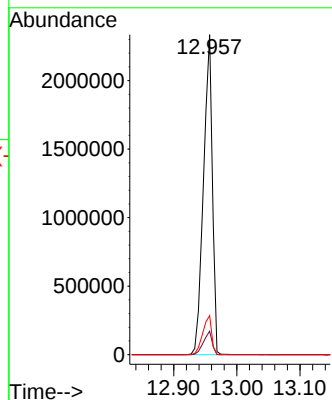
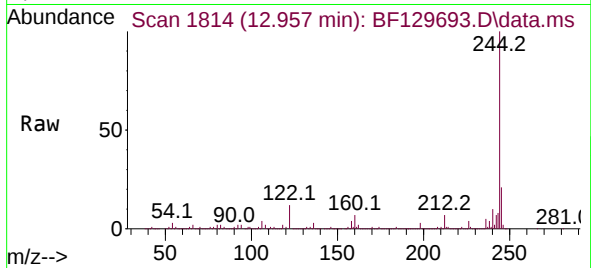




#79
 Terphenyl-d14
 Concen: 100.498 ng
 RT: 12.957 min Scan# 1814
 Delta R.T. 0.000 min
 Lab File: BF129693.D
 Acq: 10 Aug 2022 12:51

Instrument :
 BNA_F
 ClientSampleId :
 MW-7R

Tgt Ion:244 Resp: 2280292
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.1 9.1
 122 12.2 8.8 13.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.486 min Scan# 2244
 Delta R.T. -0.006 min
 Lab File: BF129693.D
 Acq: 10 Aug 2022 12:51

Tgt Ion:264 Resp: 320554
 Ion Ratio Lower Upper
 264 100
 260 23.1 18.4 27.6
 265 22.1 17.2 25.8

