

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101223\
 Data File : BF135729.D
 Acq On : 12 Oct 2023 12:19
 Operator : CG\JU
 Sample : 04656-13RE
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-104IRE

Quant Time: Oct 13 00:54:35 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 11 02:43:17 2023
 Response via : Initial Calibration

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

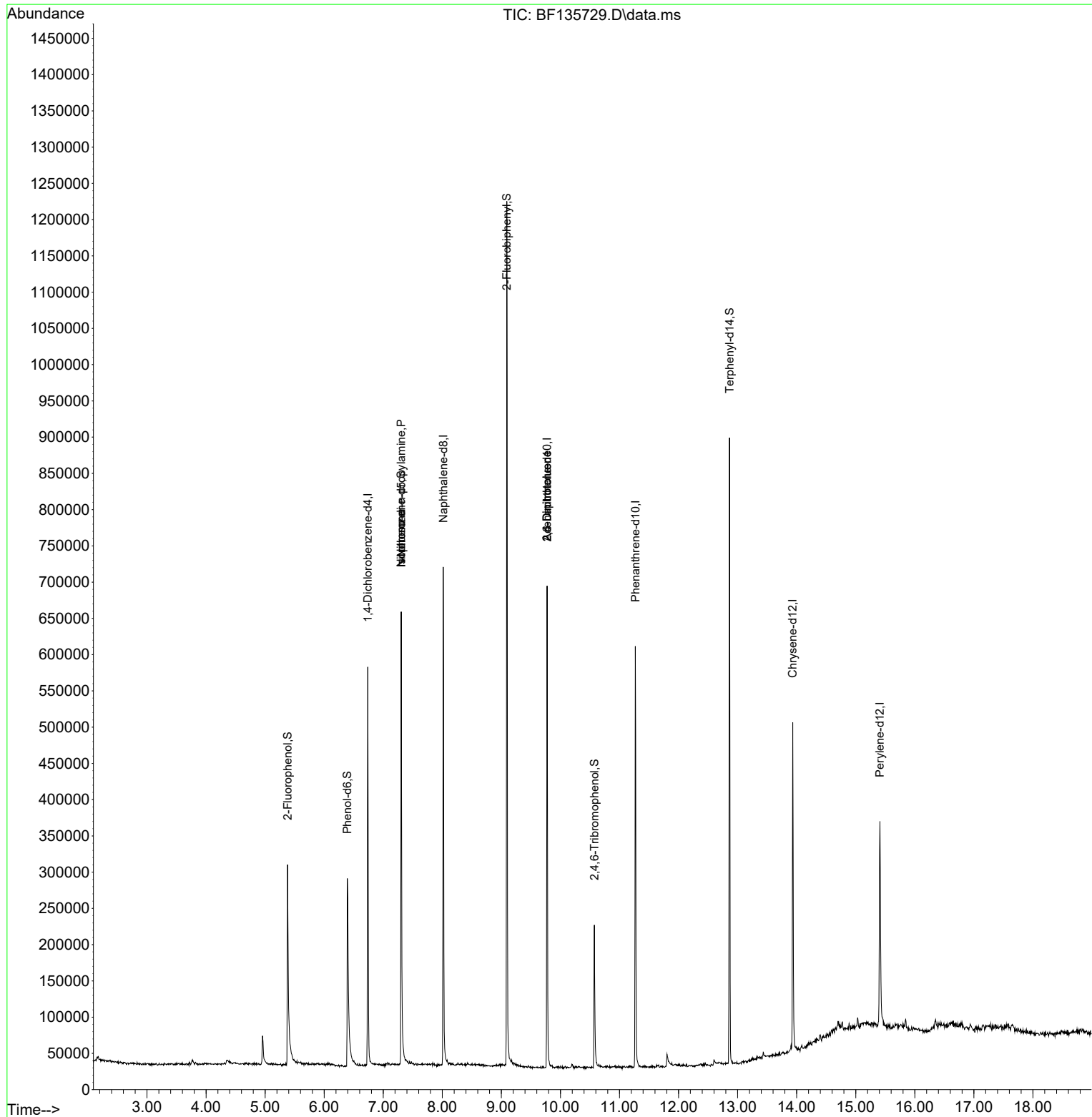
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.739	152	79242	20.000	ng	0.00
21) Naphthalene-d8	8.016	136	307348	20.000	ng	0.00
39) Acenaphthene-d10	9.775	164	132914	20.000	ng	0.00
64) Phenanthrene-d10	11.269	188	227517	20.000	ng	0.00
76) Chrysene-d12	13.933	240	157426	20.000	ng	0.00
86) Perylene-d12	15.409	264	153275	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.381	112	113920	23.382	ng	0.01
7) Phenol-d6	6.392	99	139902	22.583	ng	0.00
23) Nitrobenzene-d5	7.304	82	191745	33.894	ng	0.00
42) 2,4,6-Tribromophenol	10.574	330	27911	21.131	ng	0.00
45) 2-Fluorobiphenyl	9.092	172	378288	42.940	ng	0.00
79) Terphenyl-d14	12.863	244	291933	28.747	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.304	70	25012	6.518	ng	# 81
25) Isophorone	7.304	82	191745	18.458	ng	# 65
51) 2,6-Dinitrotoluene	9.775	165	16831	8.550	ng	# 17
57) 2,4-Dinitrotoluene	9.775	165	16831	6.829	ng	# 18

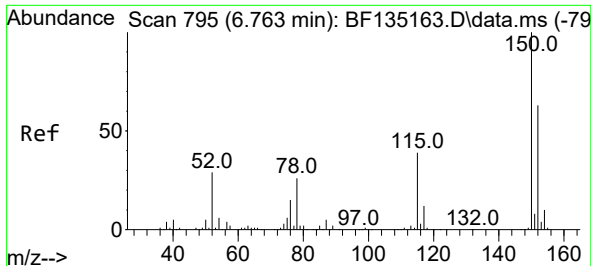
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 11 02:43:17 2023
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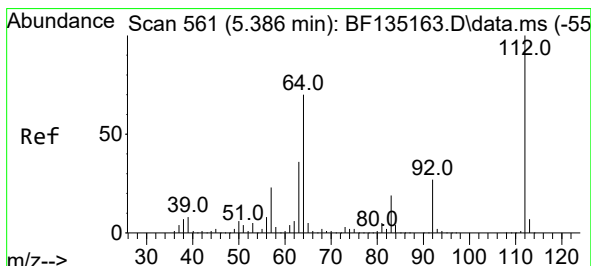
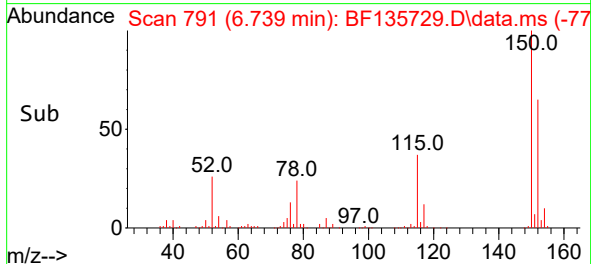
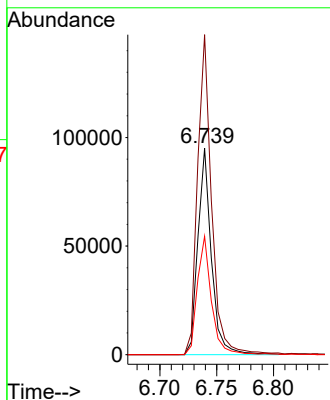
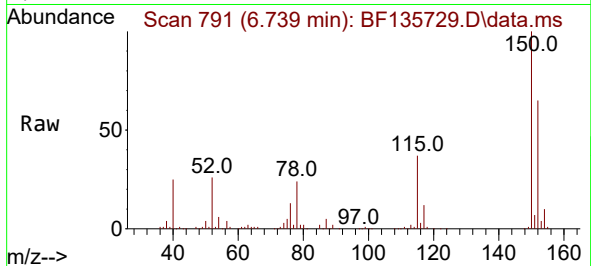




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.739 min Scan# 795
Delta R.T. 0.000 min
Lab File: BF135729.D
Acq: 12 Oct 2023 12:19

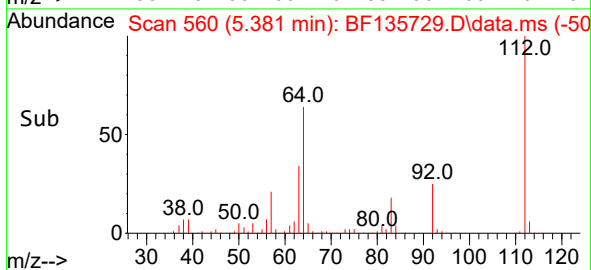
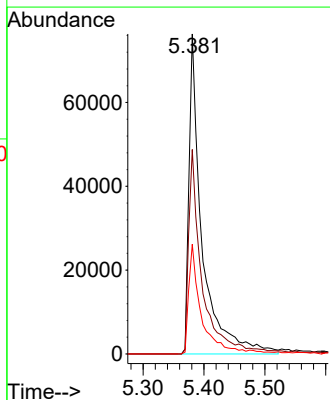
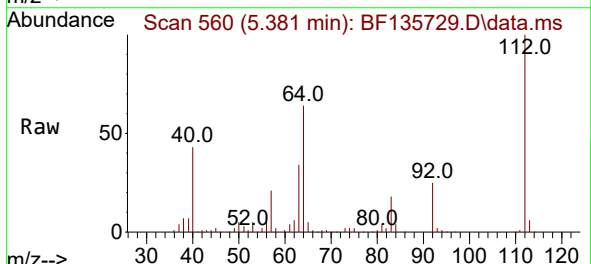
Instrument :
BNA_F
ClientSampleId :
MW-104IRE

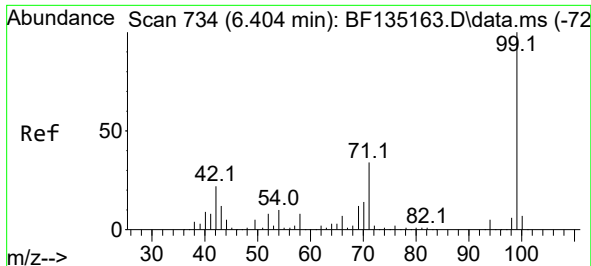
Tgt Ion:152 Resp: 79242
Ion Ratio Lower Upper
152 100
150 154.9 127.8 191.6
115 57.3 49.8 74.8



#5
2-Fluorophenol
Concen: 23.382 ng
RT: 5.381 min Scan# 560
Delta R.T. 0.012 min
Lab File: BF135729.D
Acq: 12 Oct 2023 12:19

Tgt Ion:112 Resp: 113920
Ion Ratio Lower Upper
112 100
64 63.9 55.9 83.9
63 34.3 29.0 43.6

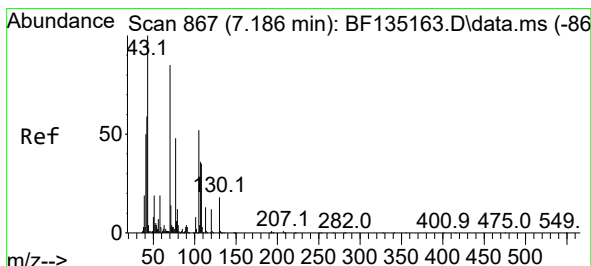
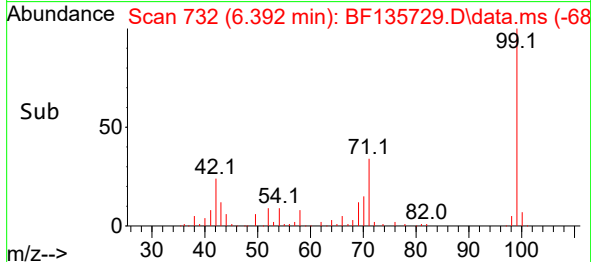
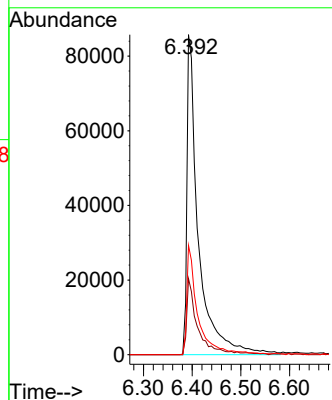
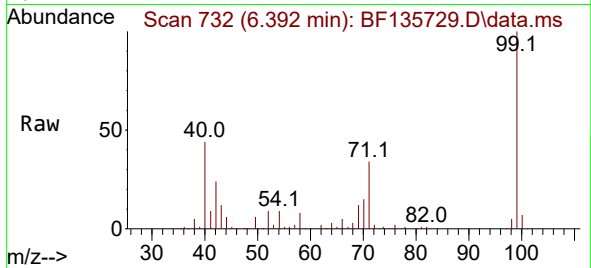




#7
Phenol-d6
Concen: 22.583 ng
RT: 6.392 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF135729.D
Acq: 12 Oct 2023 12:19

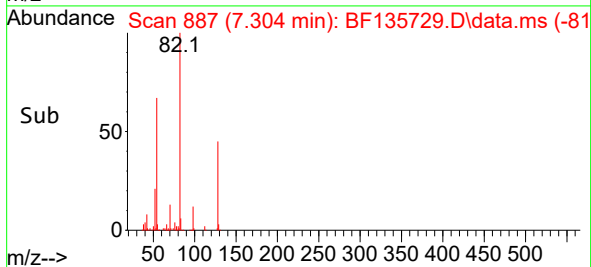
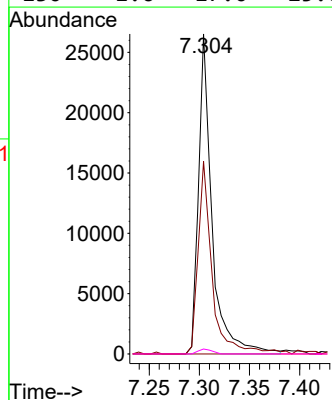
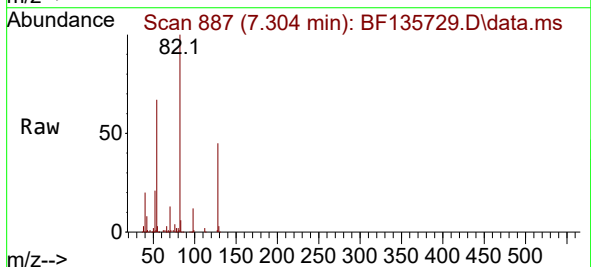
Instrument :
BNA_F
ClientSampleId :
MW-104IRE

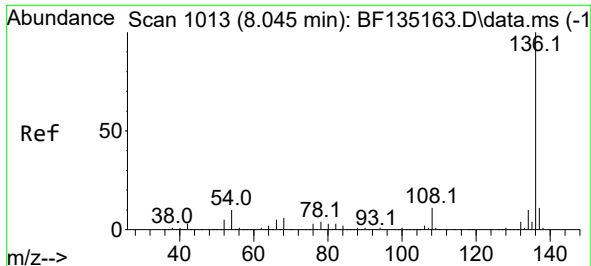
Tgt Ion: 99 Resp: 139902
Ion Ratio Lower Upper
99 100
42 23.8 17.9 26.9
71 34.2 27.0 40.6



#19
n-Nitroso-di-n-propylamine
Concen: 6.518 ng
RT: 7.304 min Scan# 887
Delta R.T. 0.147 min
Lab File: BF135729.D
Acq: 12 Oct 2023 12:19

Tgt Ion: 70 Resp: 25012
Ion Ratio Lower Upper
70 100
42 60.2 55.4 83.0
101 0.0 7.7 11.5#
130 1.6 17.0 25.6#

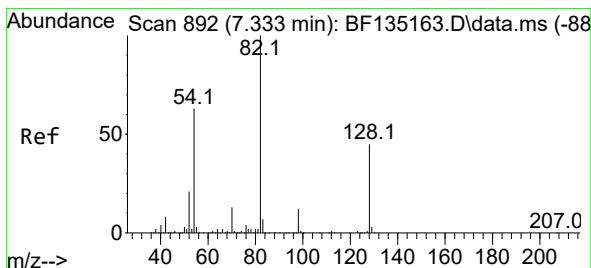
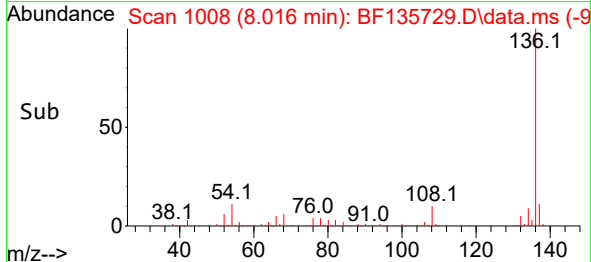
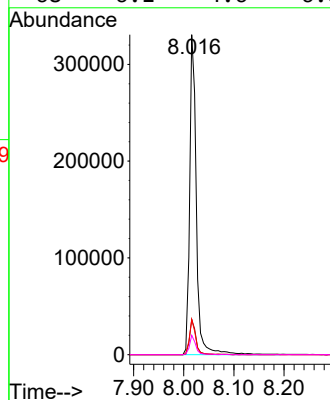
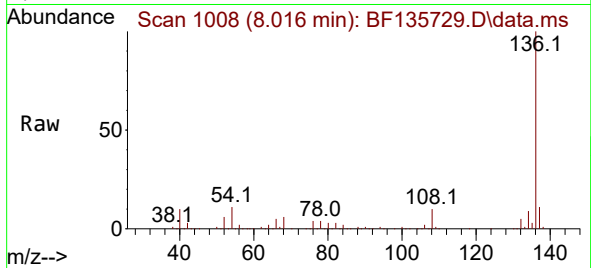




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.016 min Scan# 1013
Delta R.T. -0.006 min
Lab File: BF135729.D
Acq: 12 Oct 2023 12:19

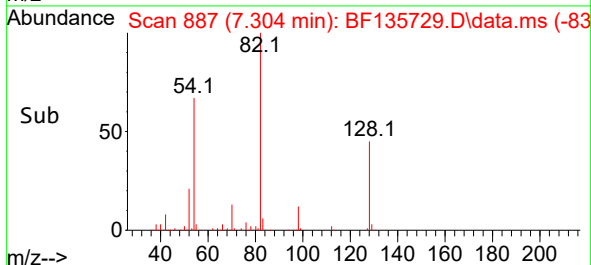
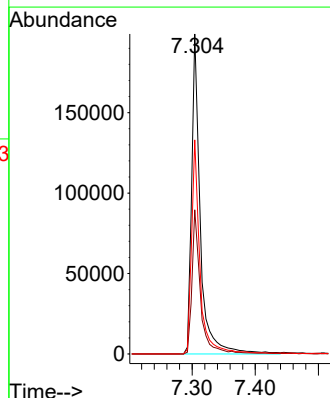
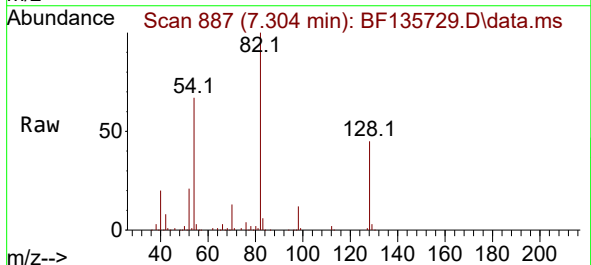
Instrument :
BNA_F
ClientSampleId :
MW-104IRE

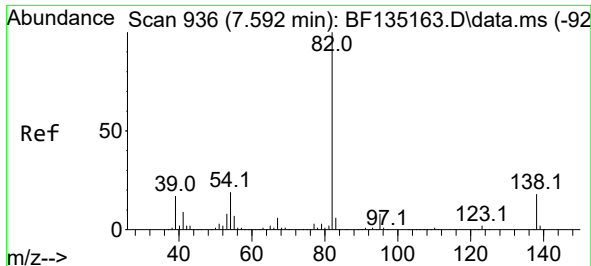
Tgt Ion:136 Resp: 307348
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 11.0 7.7 11.5
68 6.1 4.6 6.8



#23
Nitrobenzene-d5
Concen: 33.894 ng
RT: 7.304 min Scan# 887
Delta R.T. -0.006 min
Lab File: BF135729.D
Acq: 12 Oct 2023 12:19

Tgt Ion: 82 Resp: 191745
Ion Ratio Lower Upper
82 100
128 45.1 35.8 53.6
54 66.9 50.6 76.0

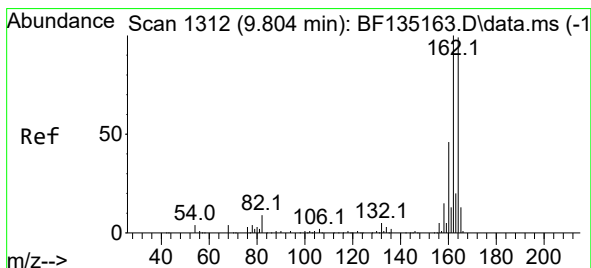
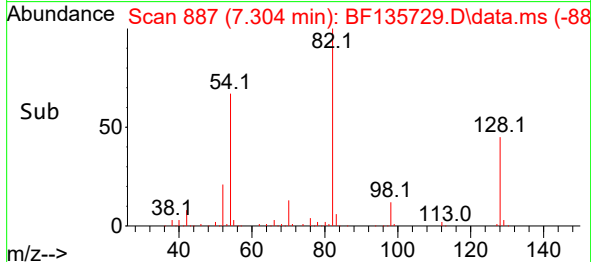
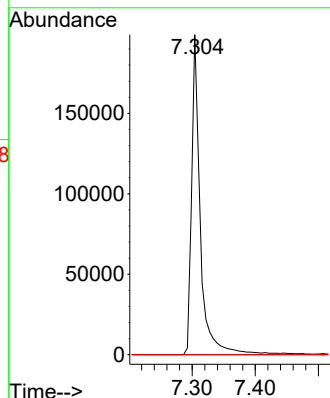
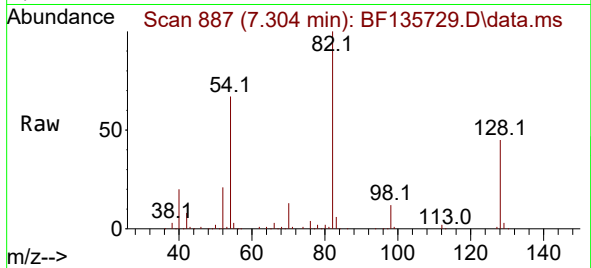




#25
Isophorone
Concen: 18.458 ng
RT: 7.304 min Scan# 81
Delta R.T. -0.259 min
Lab File: BF135729.D
Acq: 12 Oct 2023 12:19

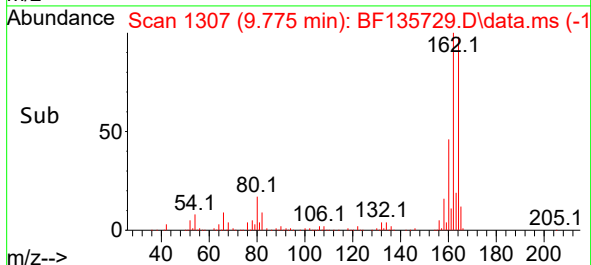
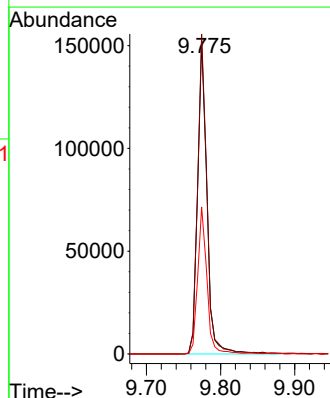
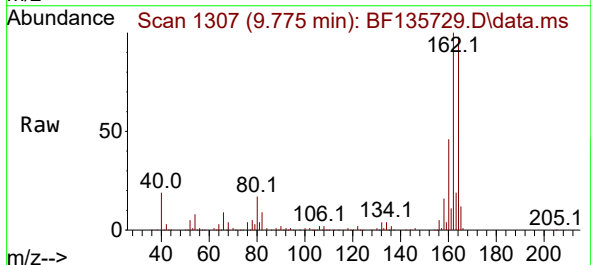
Instrument :
BNA_F
ClientSampleId :
MW-104IRE

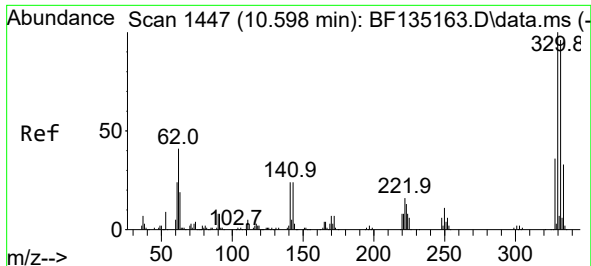
Tgt Ion: 82 Resp: 191745
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 14.5 21.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.775 min Scan# 1307
Delta R.T. -0.006 min
Lab File: BF135729.D
Acq: 12 Oct 2023 12:19

Tgt Ion:164 Resp: 132914
Ion Ratio Lower Upper
164 100
162 102.4 81.0 121.4
160 47.1 37.0 55.4





#42

2,4,6-Tribromophenol

Concen: 21.131 ng

RT: 10.574 min Scan# 1443

Delta R.T. -0.000 min

Lab File: BF135729.D

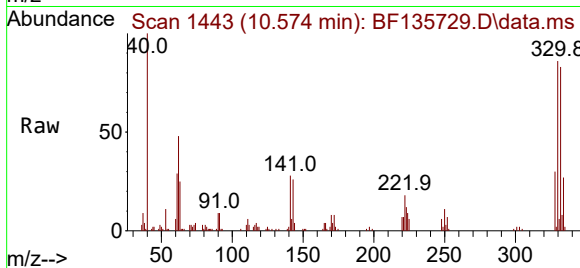
Acq: 12 Oct 2023 12:19

Instrument :

BNA_F

ClientSampleId :

MW-104IRE



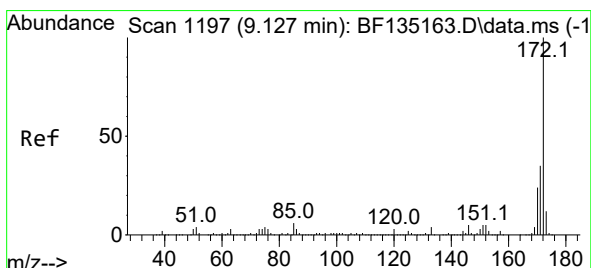
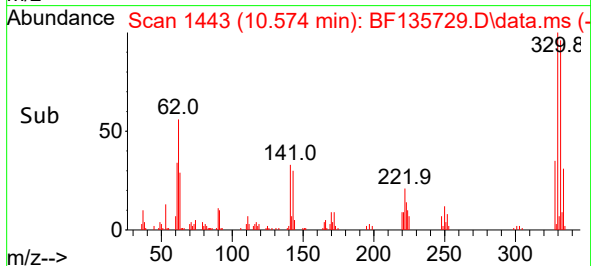
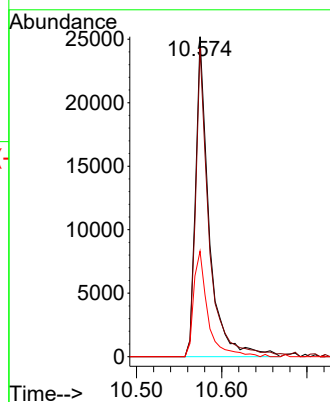
Tgt Ion:330 Resp: 27911

Ion Ratio Lower Upper

330 100

332 96.0 77.3 115.9

141 34.4 25.8 38.8



#45

2-Fluorobiphenyl

Concen: 42.940 ng

RT: 9.092 min Scan# 1191

Delta R.T. -0.006 min

Lab File: BF135729.D

Acq: 12 Oct 2023 12:19

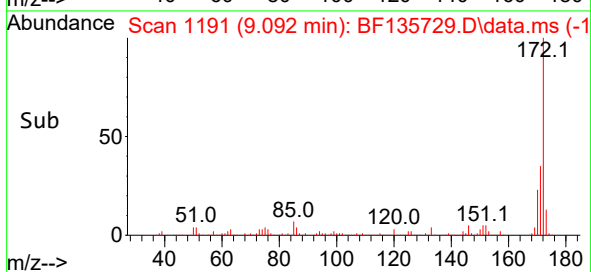
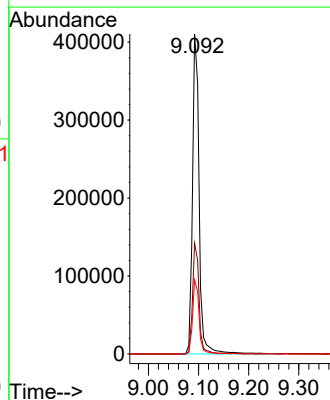
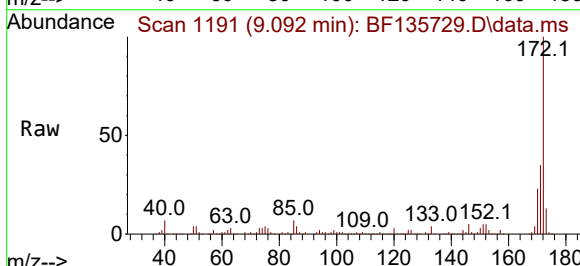
Tgt Ion:172 Resp: 378288

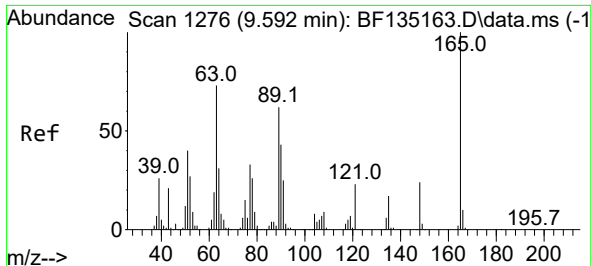
Ion Ratio Lower Upper

172 100

171 34.6 28.4 42.6

170 23.1 19.0 28.4





#51

2,6-Dinitrotoluene

Concen: 8.550 ng

RT: 9.775 min Scan# 1

Delta R.T. 0.194 min

Lab File: BF135729.D

Acq: 12 Oct 2023 12:19

Instrument :

BNA_F

ClientSampleId :

MW-104IRE

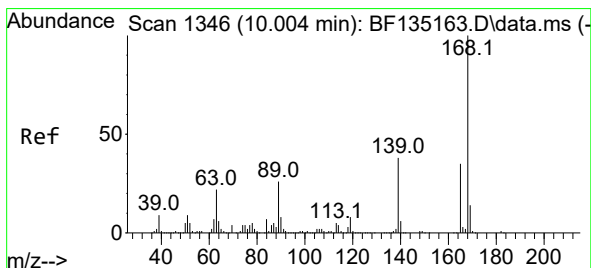
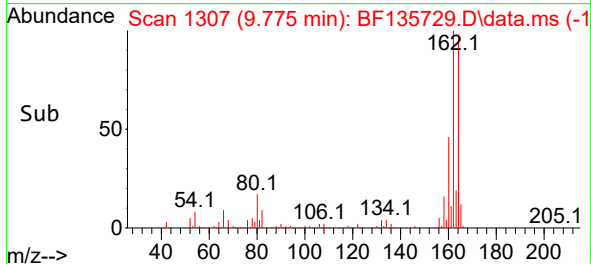
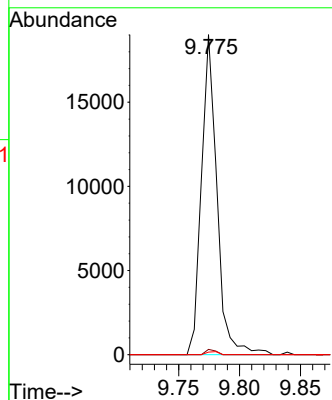
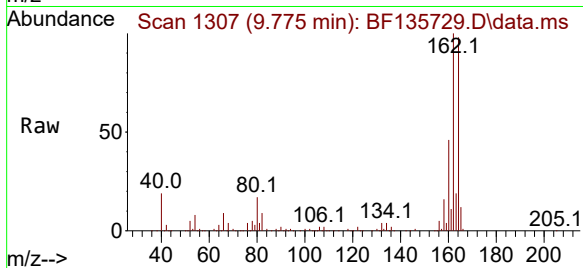
Tgt Ion:165 Resp: 16831

Ion Ratio Lower Upper

165 100

63 1.7 59.4 89.2#

89 0.8 49.8 74.8#



#57

2,4-Dinitrotoluene

Concen: 6.829 ng

RT: 9.775 min Scan# 1307

Delta R.T. -0.218 min

Lab File: BF135729.D

Acq: 12 Oct 2023 12:19

Tgt Ion:165 Resp: 16831

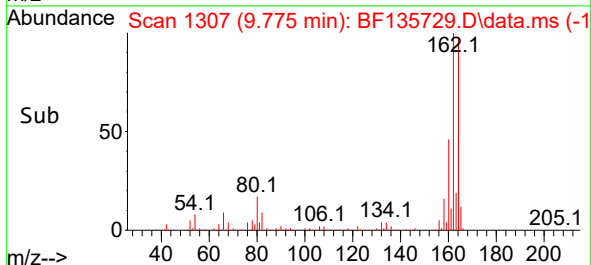
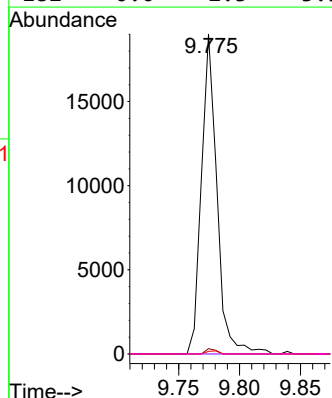
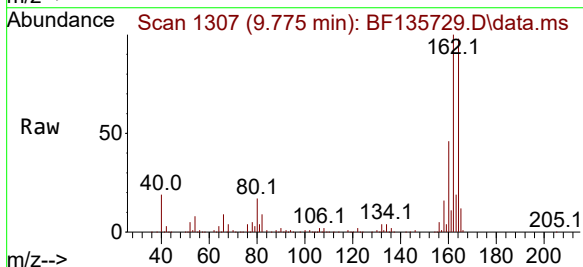
Ion Ratio Lower Upper

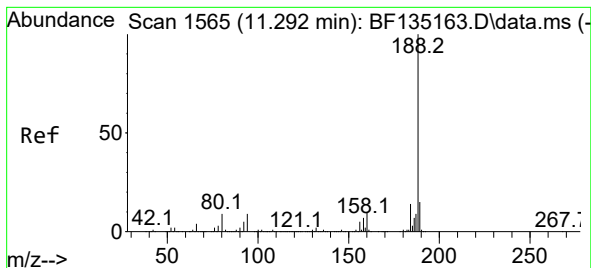
165 100

63 1.7 50.1 75.1#

89 0.8 59.3 88.9#

182 0.0 2.3 3.5#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.269 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF135729.D

Acq: 12 Oct 2023 12:19

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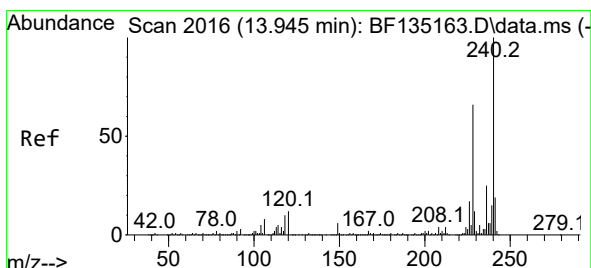
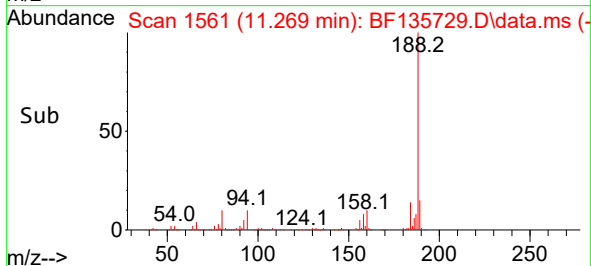
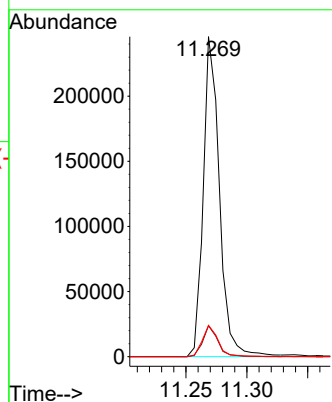
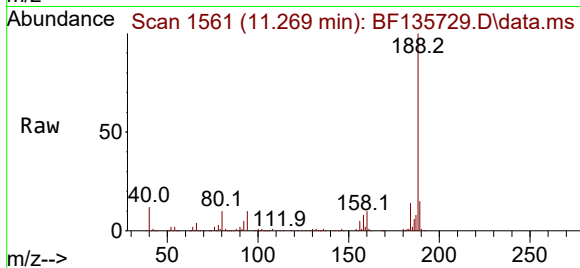
Tgt Ion:188 Resp: 227517

Ion Ratio Lower Upper

188 100

94 9.7 7.0 10.6

80 9.8 7.5 11.3



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.933 min Scan# 2014

Delta R.T. -0.006 min

Lab File: BF135729.D

Acq: 12 Oct 2023 12:19

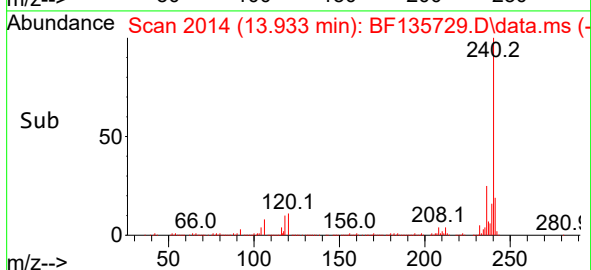
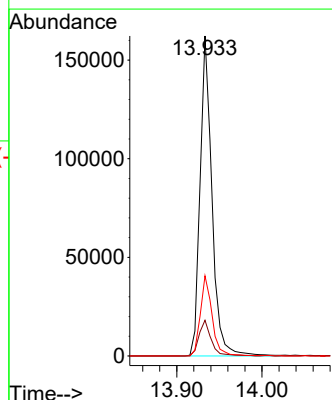
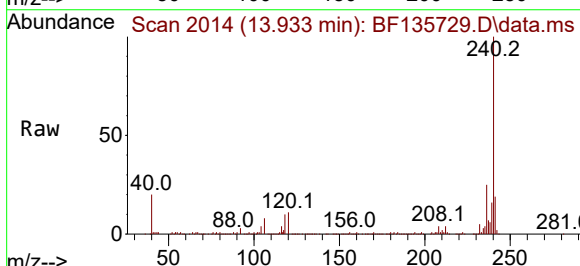
Tgt Ion:240 Resp: 157426

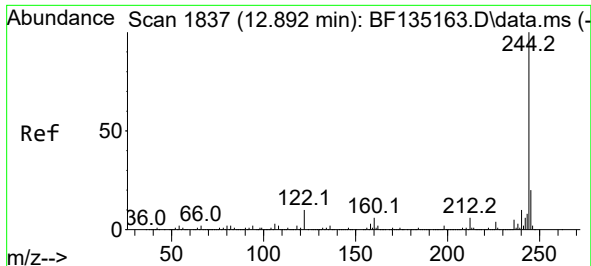
Ion Ratio Lower Upper

240 100

120 11.1 9.4 14.2

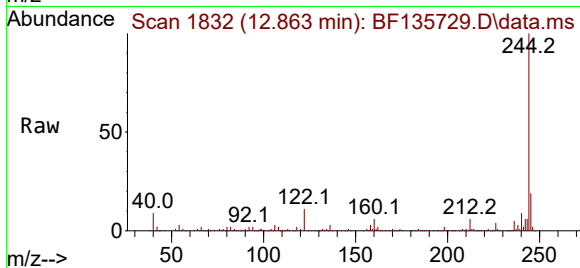
236 25.1 19.8 29.8



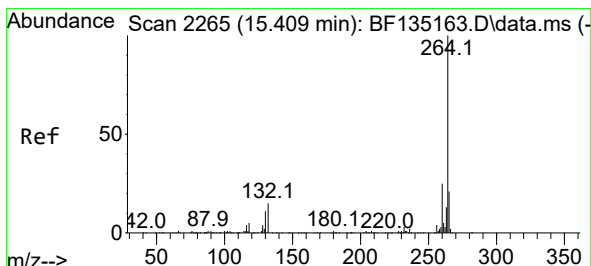
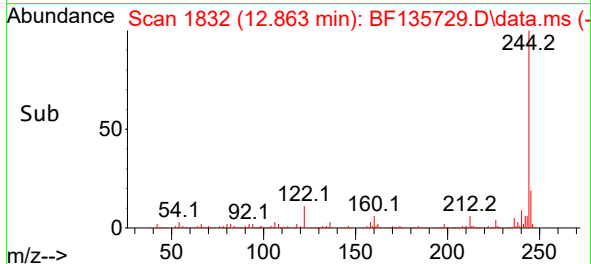
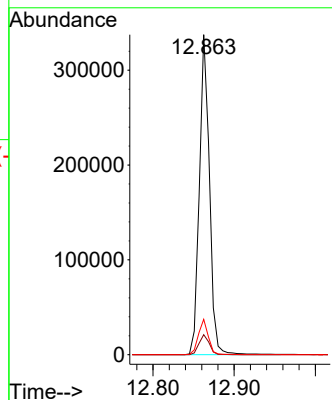


#79
 Terphenyl-d14
 Concen: 28.747 ng
 RT: 12.863 min Scan# 1832
 Delta R.T. -0.006 min
 Lab File: BF135729.D
 Acq: 12 Oct 2023 12:19

Instrument :
 BNA_F
 ClientSampleId :
 MW-104IRE



Tgt Ion:244 Resp: 291933
 Ion Ratio Lower Upper
 244 100
 212 6.2 5.1 7.7
 122 11.0 7.9 11.9



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.409 min Scan# 2265
 Delta R.T. 0.006 min
 Lab File: BF135729.D
 Acq: 12 Oct 2023 12:19

Tgt Ion:264 Resp: 153275
 Ion Ratio Lower Upper
 264 100
 260 23.1 19.8 29.6
 265 22.4 17.0 25.4

