

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101123\
 Data File : BF135708.D
 Acq On : 11 Oct 2023 12:37
 Operator : CG\JU
 Sample : 04656-13
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-104I

Quant Time: Oct 12 00:46:58 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

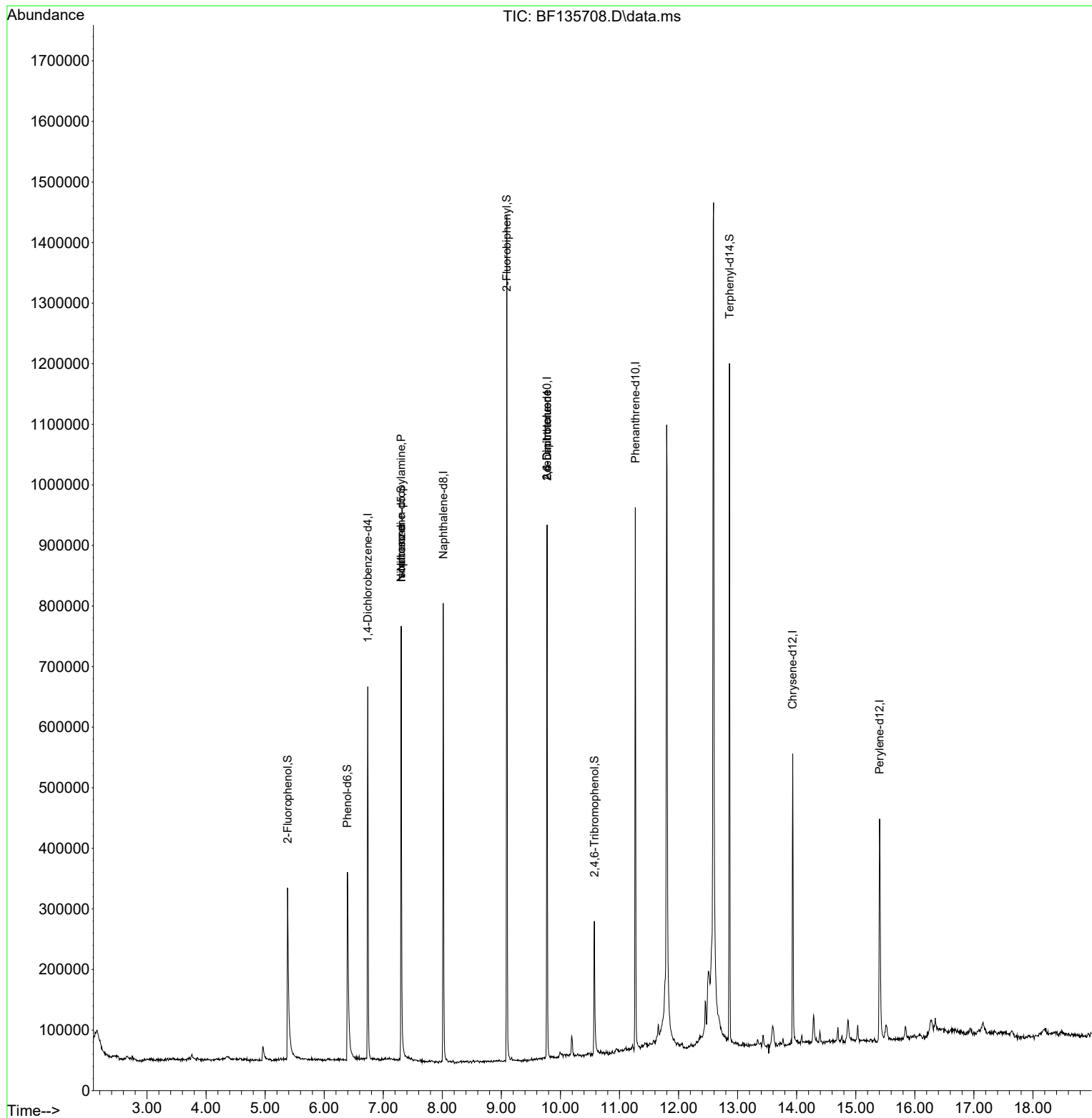
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.739	152	92238	20.000	ng	0.00
21) Naphthalene-d8	8.016	136	325467	20.000	ng	0.00
39) Acenaphthene-d10	9.775	164	170059	20.000	ng	0.00
64) Phenanthrene-d10	11.269	188	320601	20.000	ng	0.00
76) Chrysene-d12	13.933	240	168808	20.000	ng	0.00
86) Perylene-d12	15.404	264	192879	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.381	112	130576	23.025	ng	0.01
7) Phenol-d6	6.392	99	166705	23.118	ng	0.00
23) Nitrobenzene-d5	7.304	82	216986	36.221	ng	0.00
42) 2,4,6-Tribromophenol	10.575	330	32068	18.975	ng	0.00
45) 2-Fluorobiphenyl	9.092	172	403319	35.781	ng	0.00
79) Terphenyl-d14	12.863	244	373156	34.268	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.304	70	28650	6.414	ng	# 78
25) Isophorone	7.304	82	216986	19.725	ng	# 65
51) 2,6-Dinitrotoluene	9.775	165	21962	8.719	ng	# 17
57) 2,4-Dinitrotoluene	9.775	165	21962	6.965	ng	# 18

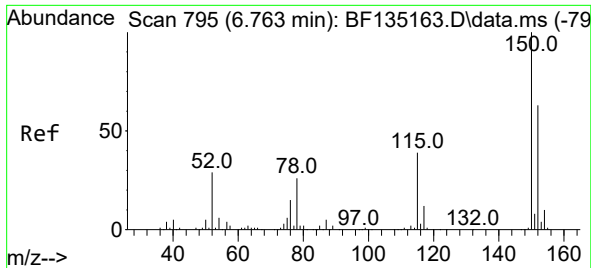
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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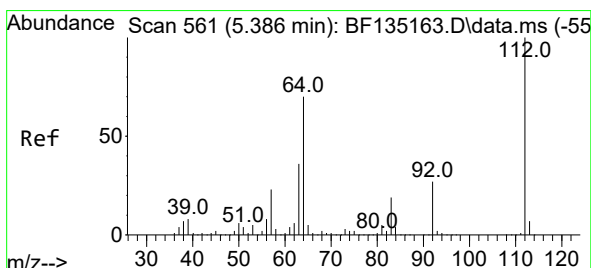
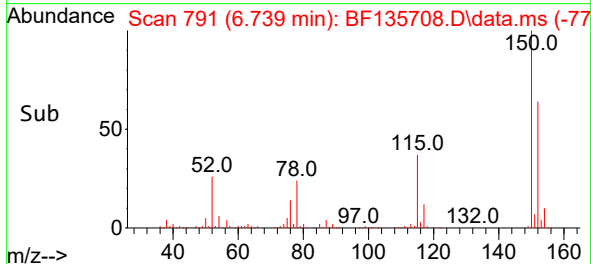
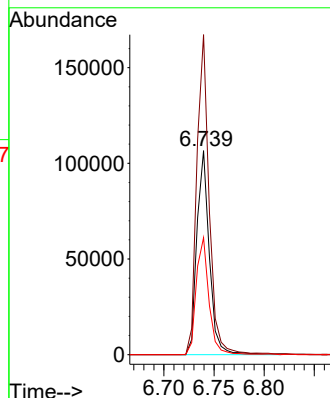
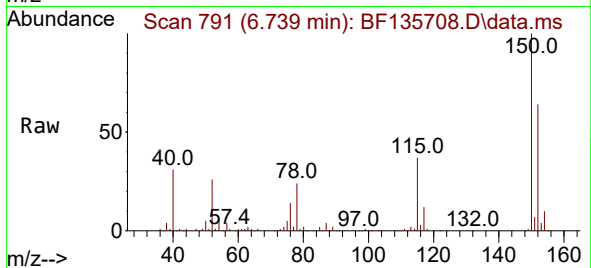




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.739 min Scan# 795
Delta R.T. 0.000 min
Lab File: BF135708.D
Acq: 11 Oct 2023 12:37

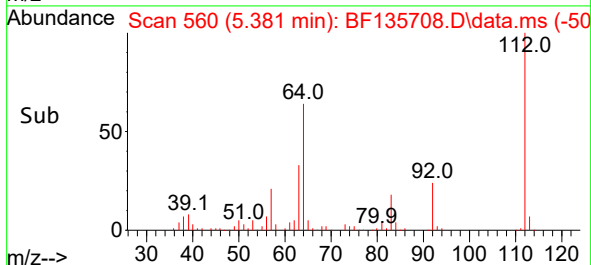
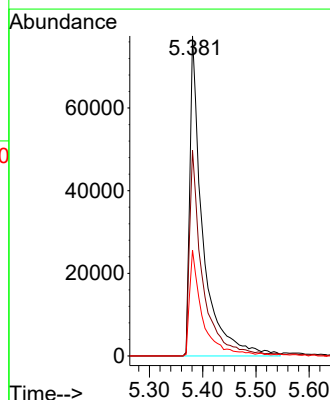
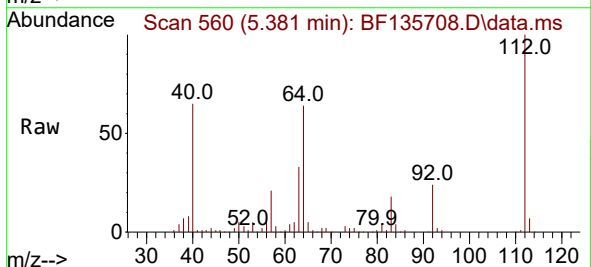
Instrument :
BNA_F
ClientSampleId :
MW-104I

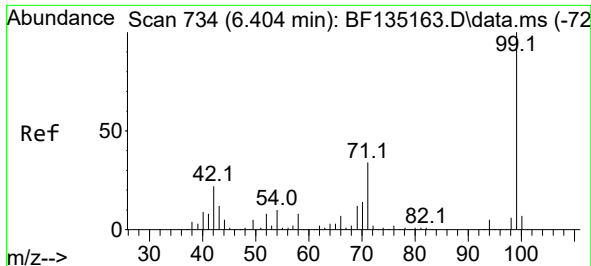
Tgt Ion:152 Resp: 92238
Ion Ratio Lower Upper
152 100
150 156.9 127.8 191.6
115 57.4 49.8 74.8



#5
2-Fluorophenol
Concen: 23.025 ng
RT: 5.381 min Scan# 560
Delta R.T. 0.012 min
Lab File: BF135708.D
Acq: 11 Oct 2023 12:37

Tgt Ion:112 Resp: 130576
Ion Ratio Lower Upper
112 100
64 64.2 55.9 83.9
63 33.1 29.0 43.6

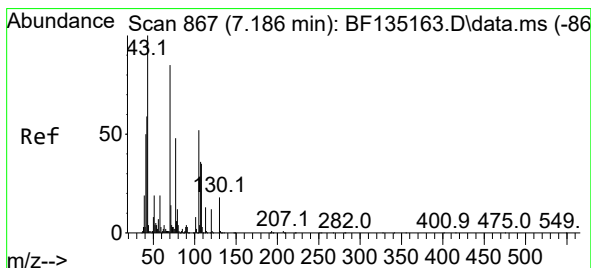
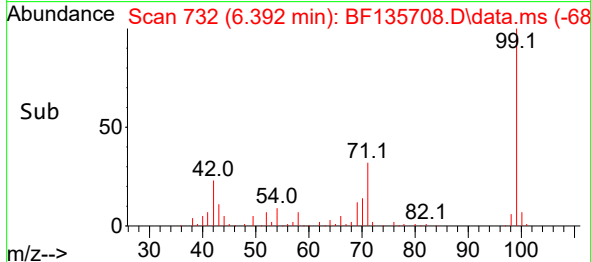
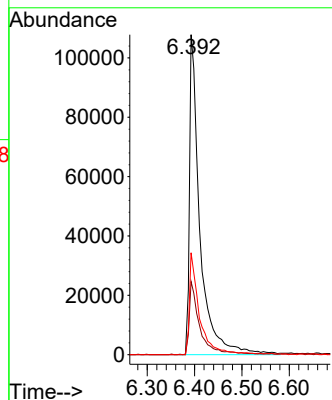
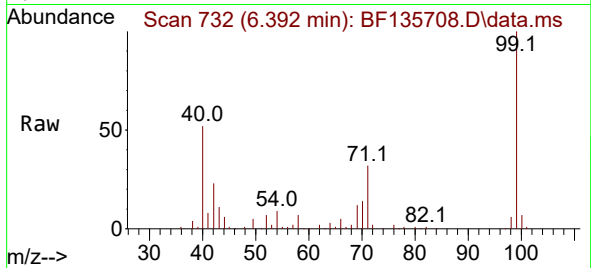




#7
Phenol-d6
Concen: 23.118 ng
RT: 6.392 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF135708.D
Acq: 11 Oct 2023 12:37

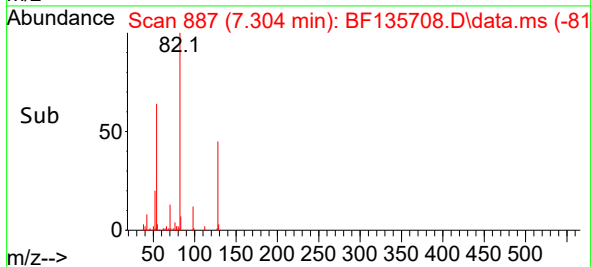
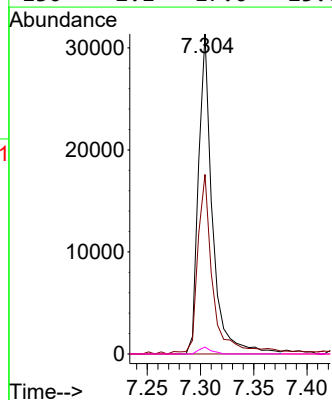
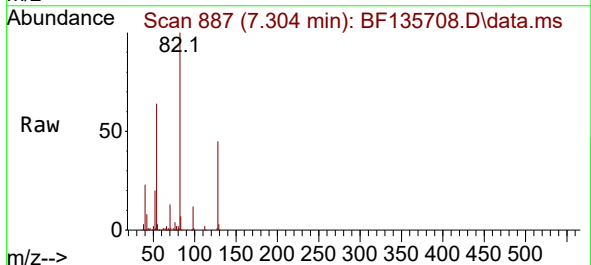
Instrument :
BNA_F
ClientSampleId :
MW-104I

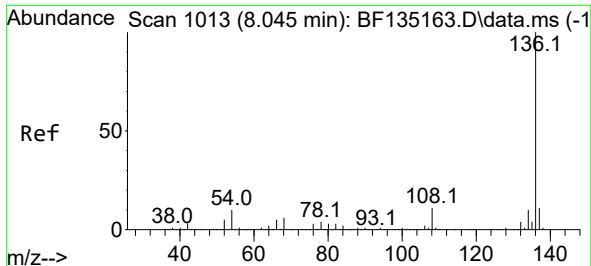
Tgt Ion: 99 Resp: 166705
Ion Ratio Lower Upper
99 100
42 22.9 17.9 26.9
71 31.9 27.0 40.6



#19
n-Nitroso-di-n-propylamine
Concen: 6.414 ng
RT: 7.304 min Scan# 887
Delta R.T. 0.147 min
Lab File: BF135708.D
Acq: 11 Oct 2023 12:37

Tgt Ion: 70 Resp: 28650
Ion Ratio Lower Upper
70 100
42 56.1 55.4 83.0
101 0.0 7.7 11.5#
130 2.1 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: BF135708.D

Acq: 11 Oct 2023 12:37

Instrument :

BNA_F

ClientSampleId :

MW-104I

Tgt Ion:136 Resp: 325467

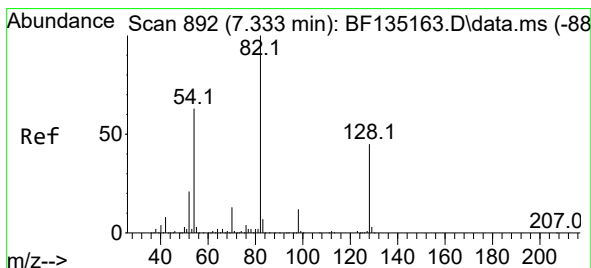
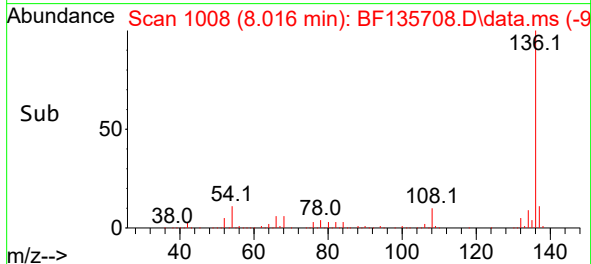
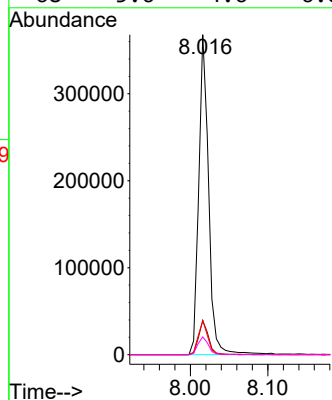
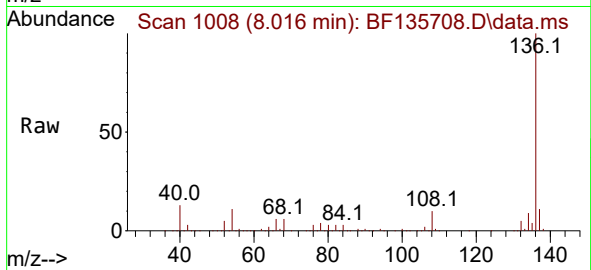
Ion Ratio Lower Upper

136 100

137 10.7 8.8 13.2

54 10.7 7.7 11.5

68 5.6 4.6 6.8



#23

Nitrobenzene-d5

Concen: 36.221 ng

RT: 7.304 min Scan# 887

Delta R.T. -0.006 min

Lab File: BF135708.D

Acq: 11 Oct 2023 12:37

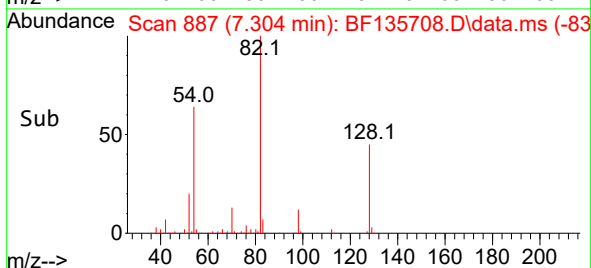
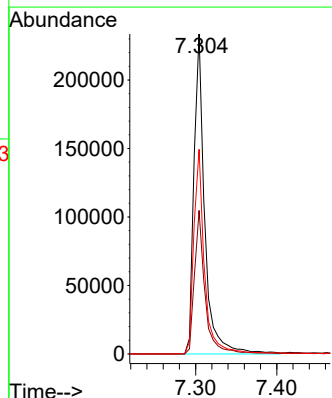
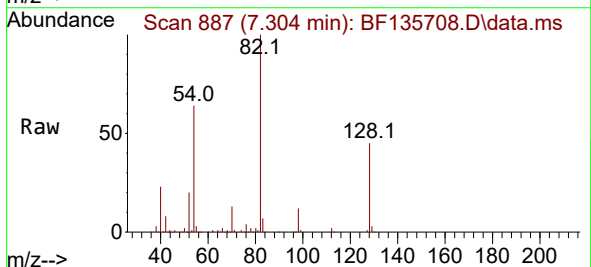
Tgt Ion: 82 Resp: 216986

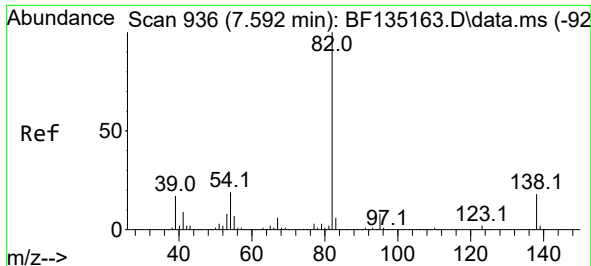
Ion Ratio Lower Upper

82 100

128 44.8 35.8 53.6

54 64.0 50.6 76.0

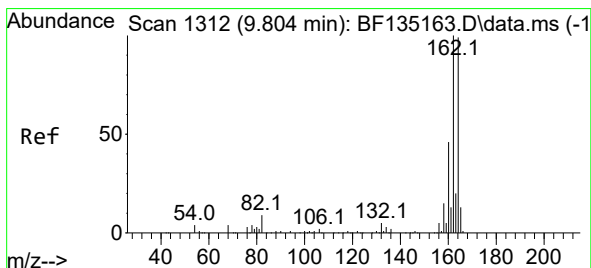
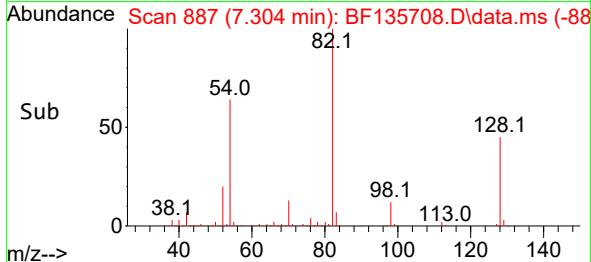
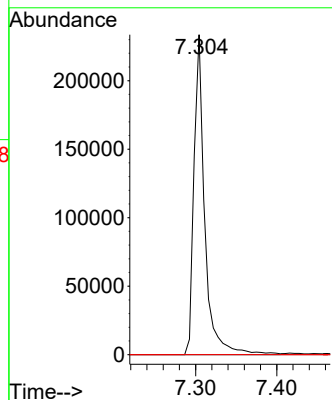
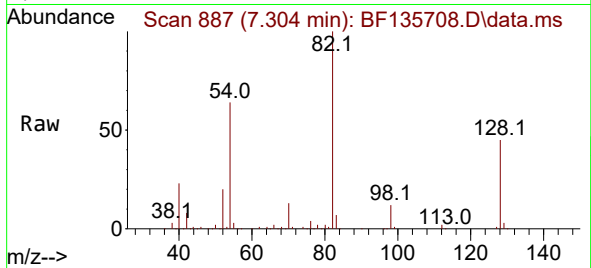




#25
Isophorone
Concen: 19.725 ng
RT: 7.304 min Scan# 81
Delta R.T. -0.259 min
Lab File: BF135708.D
Acq: 11 Oct 2023 12:37

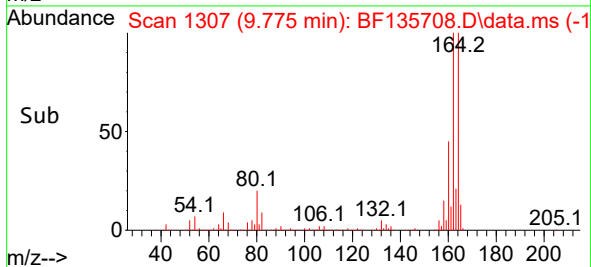
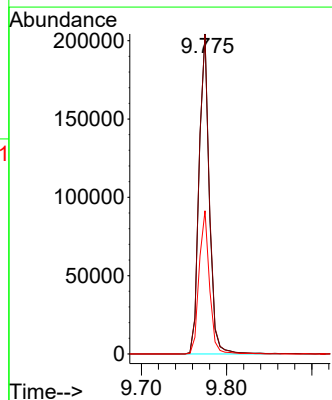
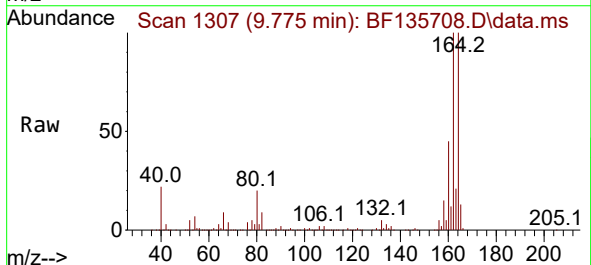
Instrument :
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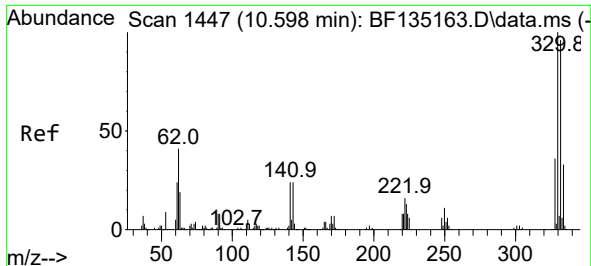
Tgt Ion: 82 Resp: 216986
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 14.5 21.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.775 min Scan# 1307
Delta R.T. -0.006 min
Lab File: BF135708.D
Acq: 11 Oct 2023 12:37

Tgt Ion:164 Resp: 170059
Ion Ratio Lower Upper
164 100
162 99.8 81.0 121.4
160 44.8 37.0 55.4





#42

2,4,6-Tribromophenol

Concen: 18.975 ng

RT: 10.575 min Scan# 1443

Delta R.T. -0.000 min

Lab File: BF135708.D

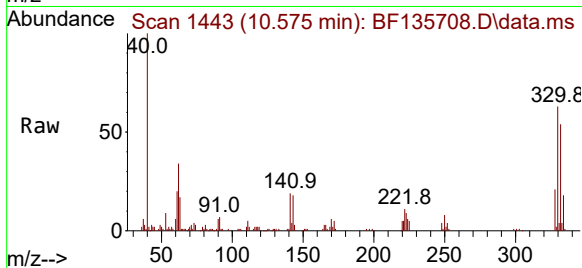
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Instrument :

BNA_F

ClientSampleId :

MW-104I



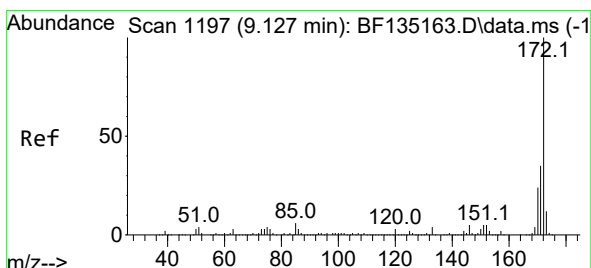
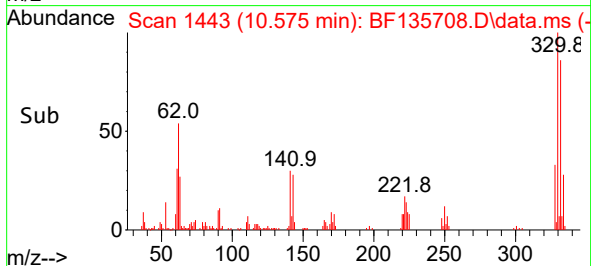
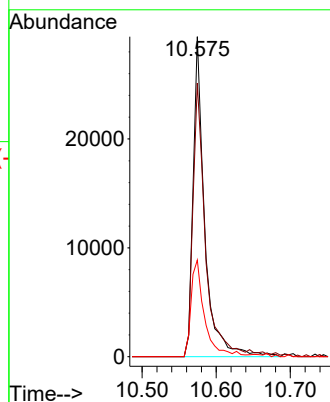
Tgt Ion:330 Resp: 32068

Ion Ratio Lower Upper

330 100

332 93.3 77.3 115.9

141 34.9 25.8 38.8



#45

2-Fluorobiphenyl

Concen: 35.781 ng

RT: 9.092 min Scan# 1191

Delta R.T. -0.006 min

Lab File: BF135708.D

Acq: 11 Oct 2023 12:37

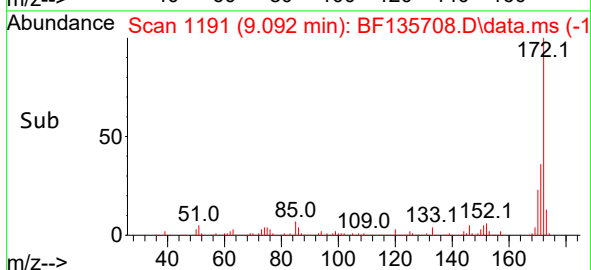
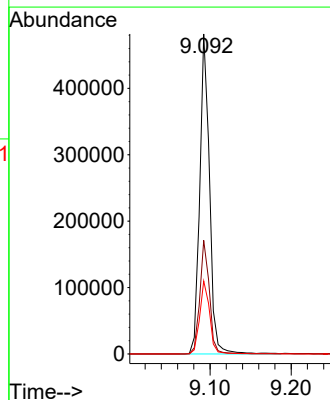
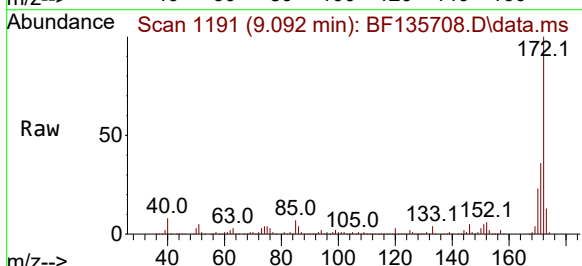
Tgt Ion:172 Resp: 403319

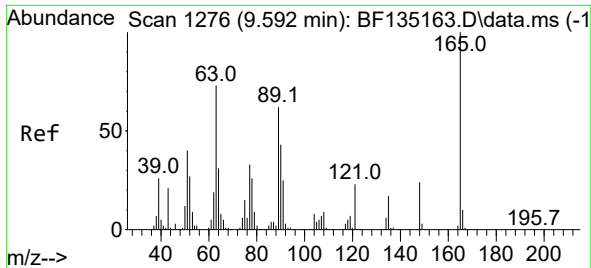
Ion Ratio Lower Upper

172 100

171 35.5 28.4 42.6

170 22.8 19.0 28.4

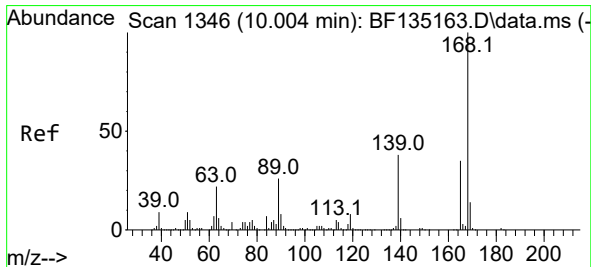
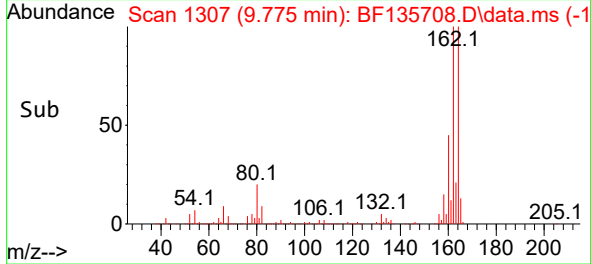
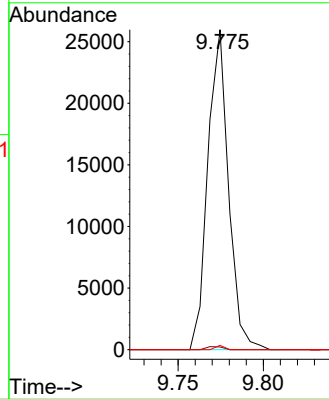
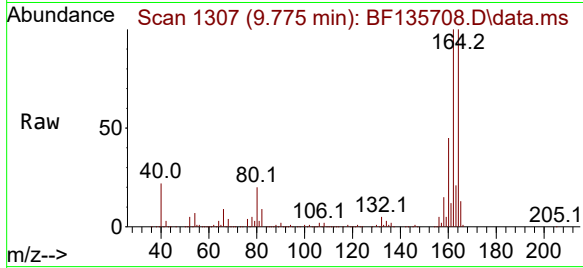




#51
2,6-Dinitrotoluene
Concen: 8.719 ng
RT: 9.775 min Scan# 11
Delta R.T. 0.194 min
Lab File: BF135708.D
Acq: 11 Oct 2023 12:37

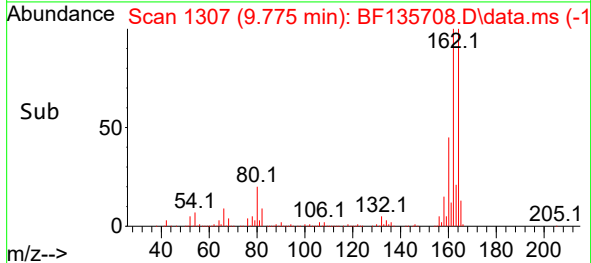
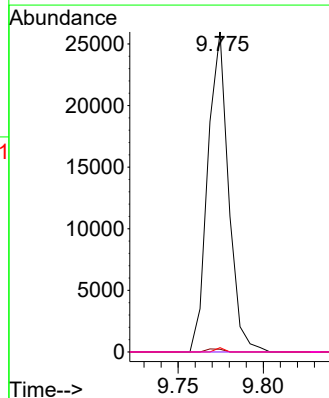
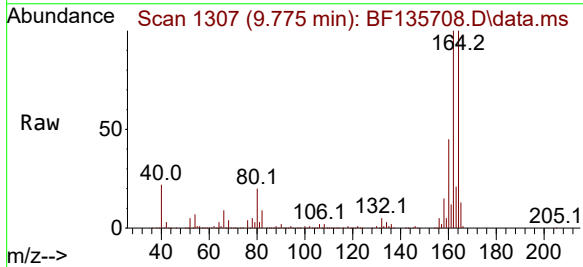
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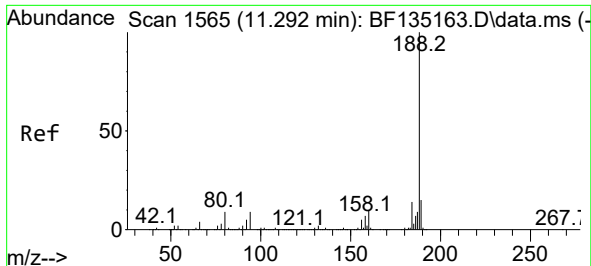
Tgt Ion:165 Resp: 21962
Ion Ratio Lower Upper
165 100
63 0.8 59.4 89.2#
89 1.4 49.8 74.8#



#57
2,4-Dinitrotoluene
Concen: 6.965 ng
RT: 9.775 min Scan# 1307
Delta R.T. -0.218 min
Lab File: BF135708.D
Acq: 11 Oct 2023 12:37

Tgt Ion:165 Resp: 21962
Ion Ratio Lower Upper
165 100
63 0.8 50.1 75.1#
89 1.4 59.3 88.9#
182 0.0 2.3 3.5#

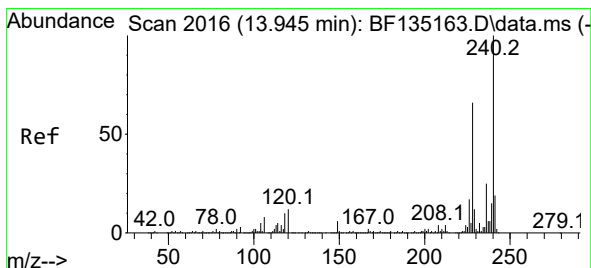
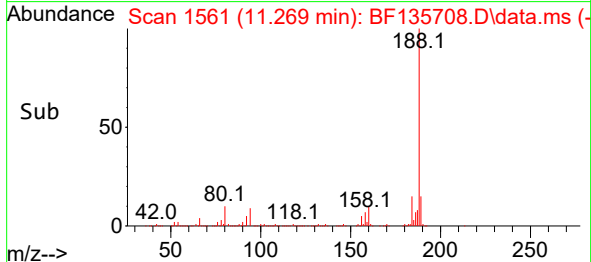
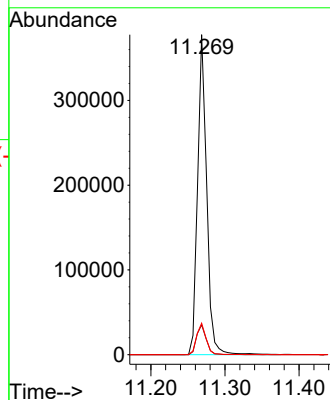
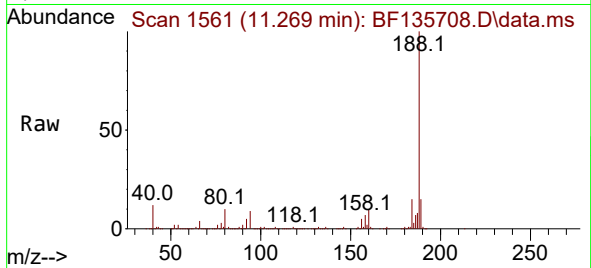




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.269 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF135708.D
Acq: 11 Oct 2023 12:37

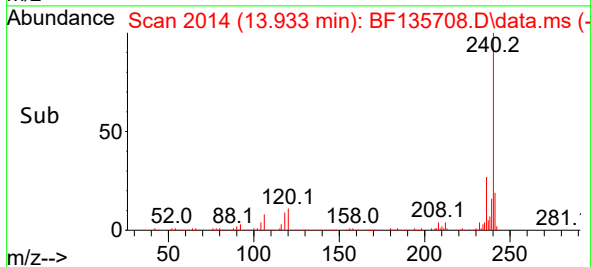
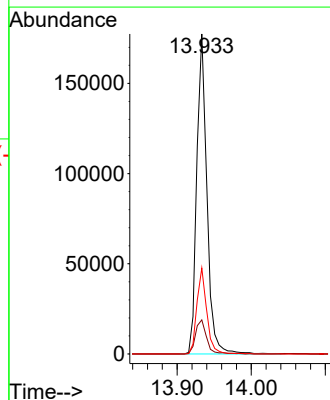
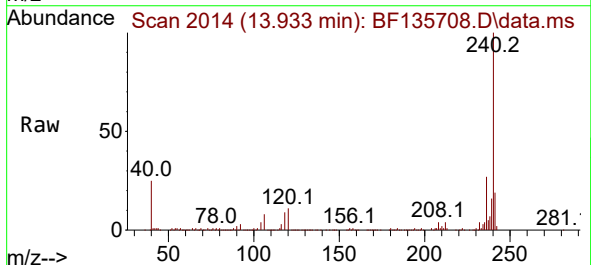
Instrument :
BNA_F
ClientSampleId :
MW-104I

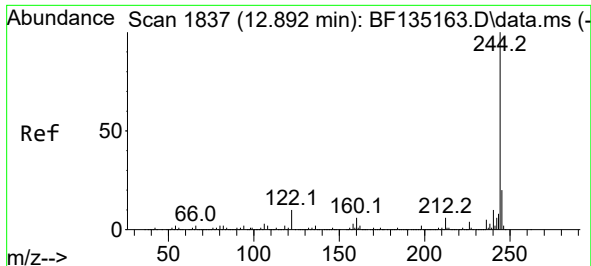
Tgt Ion:188 Resp: 320601
Ion Ratio Lower Upper
188 100
94 9.3 7.0 10.6
80 9.8 7.5 11.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.933 min Scan# 2014
Delta R.T. -0.006 min
Lab File: BF135708.D
Acq: 11 Oct 2023 12:37

Tgt Ion:240 Resp: 168808
Ion Ratio Lower Upper
240 100
120 10.7 9.4 14.2
236 26.8 19.8 29.8

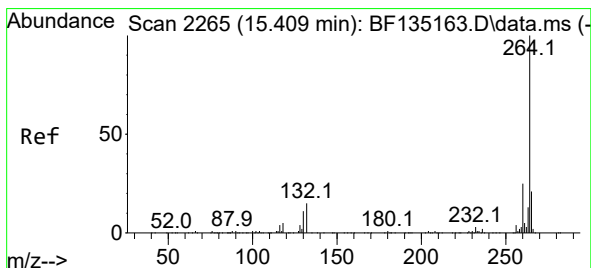
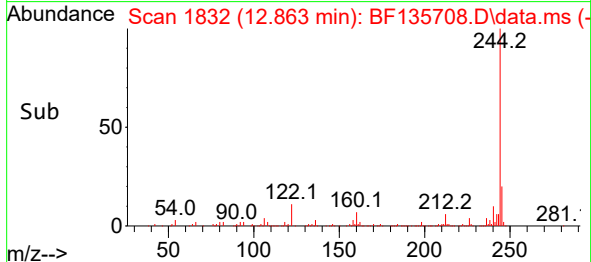
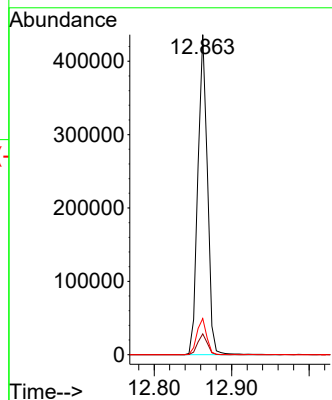
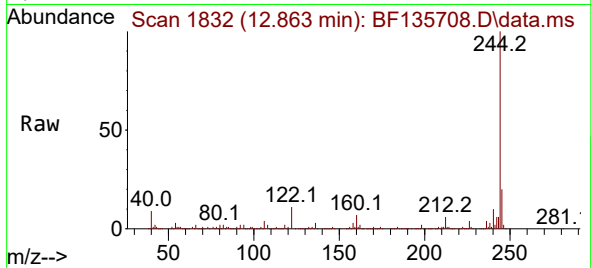




#79
 Terphenyl-d14
 Concen: 34.268 ng
 RT: 12.863 min Scan# 1832
 Delta R.T. -0.006 min
 Lab File: BF135708.D
 Acq: 11 Oct 2023 12:37

Instrument :
 BNA_F
 ClientSampleId :
 MW-104I

Tgt Ion:244 Resp: 373156
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.1 7.7
 122 11.3 7.9 11.9



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.404 min Scan# 2264
 Delta R.T. -0.000 min
 Lab File: BF135708.D
 Acq: 11 Oct 2023 12:37

Tgt Ion:264 Resp: 192879
 Ion Ratio Lower Upper
 264 100
 260 22.8 19.8 29.6
 265 21.5 17.0 25.4

