

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101223\
 Data File : BF135732.D
 Acq On : 12 Oct 2023 13:51
 Operator : CG\JU
 Sample : 04689-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TW-1

Quant Time: Oct 13 00:55:13 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)

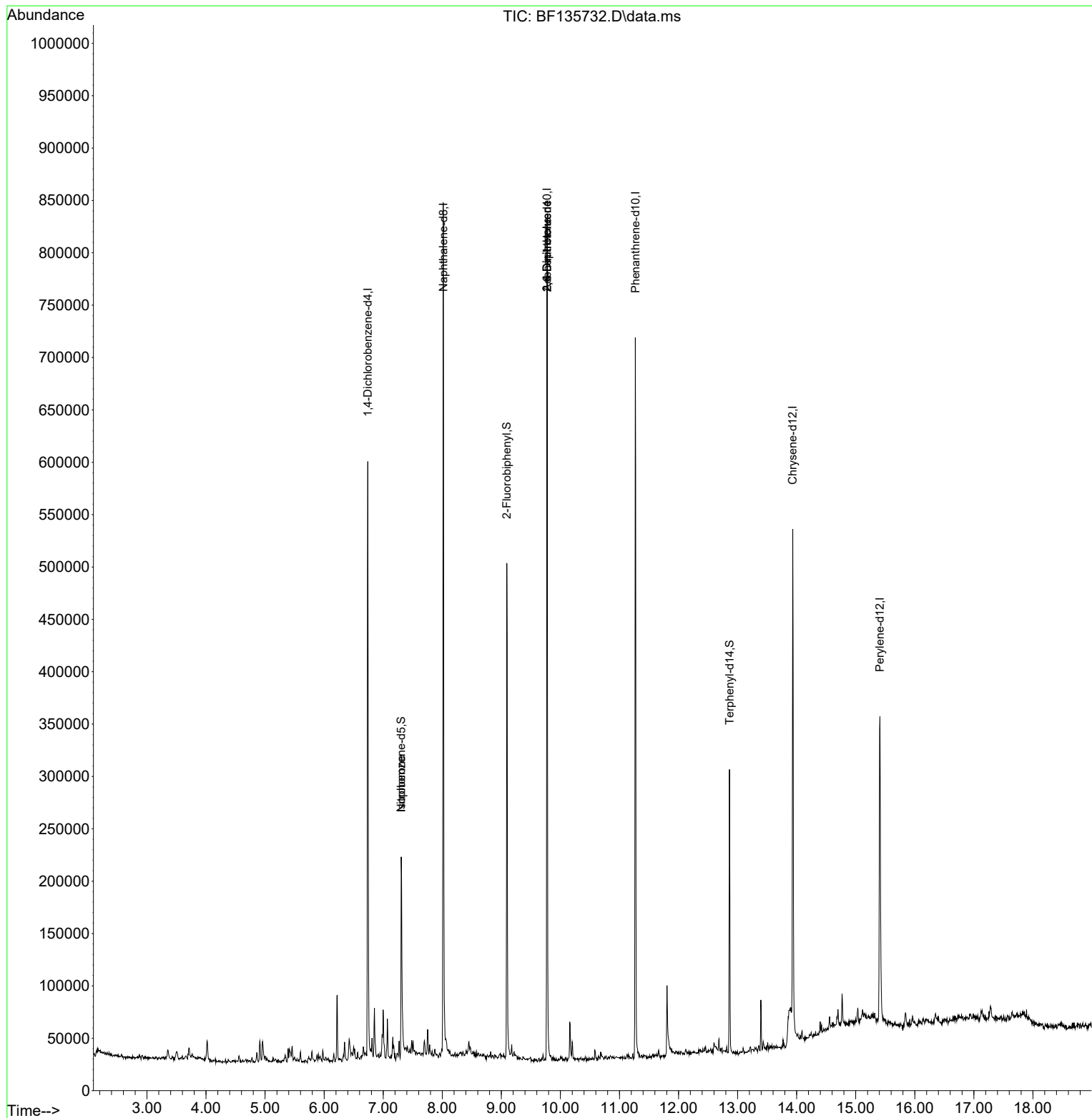
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.740	152	87552	20.000	ng	0.00
21) Naphthalene-d8	8.016	136	356640	20.000	ng	0.00
39) Acenaphthene-d10	9.775	164	158938	20.000	ng	0.00
64) Phenanthrene-d10	11.269	188	273831	20.000	ng	0.00
76) Chrysene-d12	13.933	240	168745	20.000	ng	0.00
86) Perylene-d12	15.410	264	159134	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	8557	1.590	ng	0.05
7) Phenol-d6	6.422	99	13194	1.928	ng	0.03
23) Nitrobenzene-d5	7.304	82	74165	11.298	ng	0.00
42) 2,4,6-Tribromophenol	10.581	330	1709	1.082	ng	0.00
45) 2-Fluorobiphenyl	9.092	172	155114	14.724	ng	0.00
79) Terphenyl-d14	12.863	244	90713	8.333	ng	0.00
Target Compounds						
25) Isophorone	7.304	82	74165	6.153	ng	# 65
51) 2,6-Dinitrotoluene	9.775	165	19897	8.452	ng	# 17
57) 2,4-Dinitrotoluene	9.775	165	19897	6.751	ng	# 18

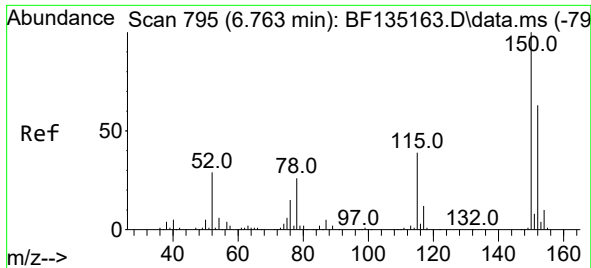
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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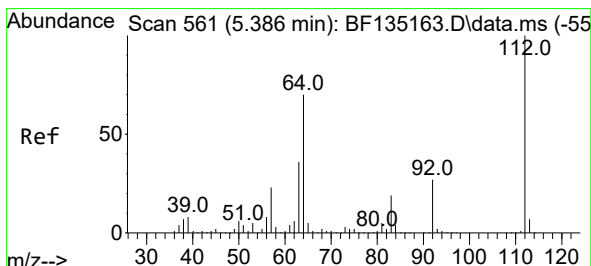
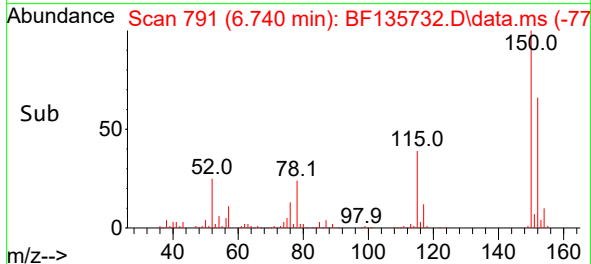
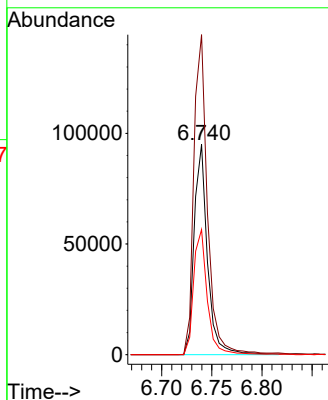
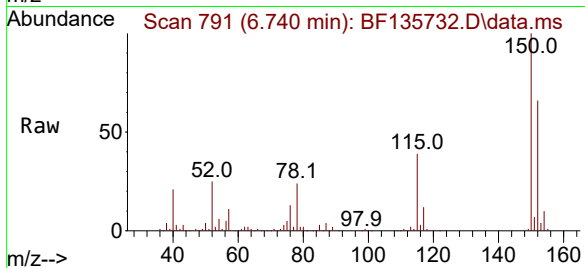




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.740 min Scan# 795
Delta R.T. 0.001 min
Lab File: BF135732.D
Acq: 12 Oct 2023 13:51

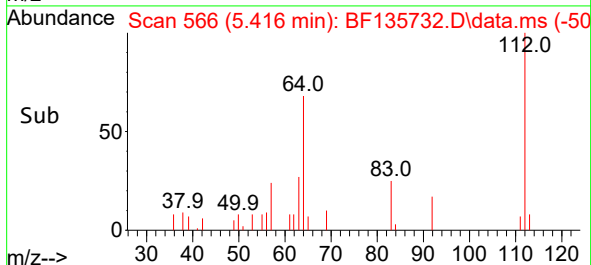
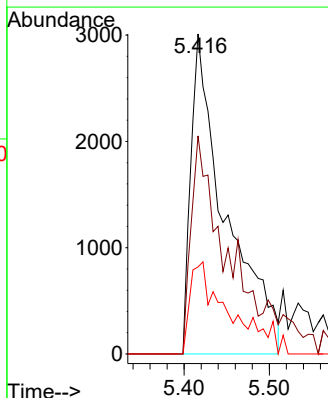
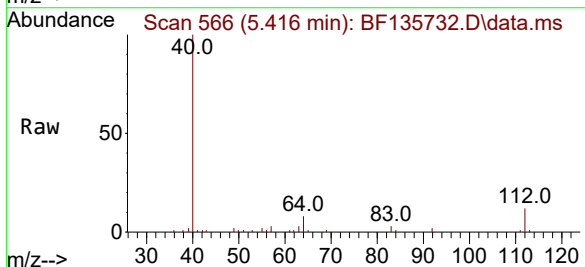
Instrument :
BNA_F
ClientSampleId :
TW-1

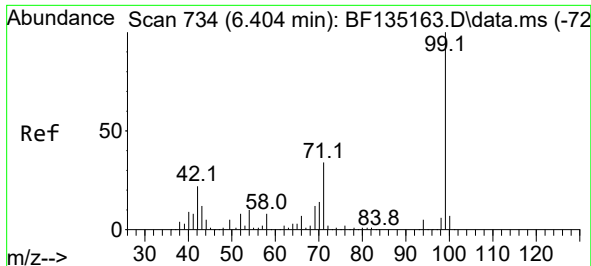
Tgt Ion:152 Resp: 87552
Ion Ratio Lower Upper
152 100
150 152.2 127.8 191.6
115 59.5 49.8 74.8



#5
2-Fluorophenol
Concen: 1.590 ng
RT: 5.416 min Scan# 566
Delta R.T. 0.047 min
Lab File: BF135732.D
Acq: 12 Oct 2023 13:51

Tgt Ion:112 Resp: 8557
Ion Ratio Lower Upper
112 100
64 68.2 55.9 83.9
63 27.2 29.0 43.6#

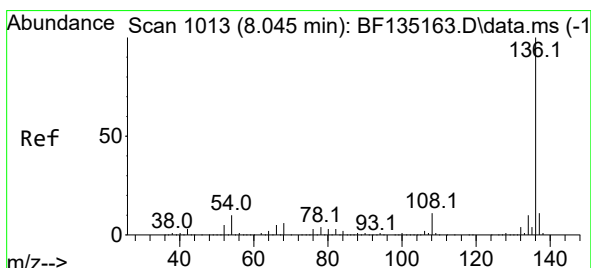
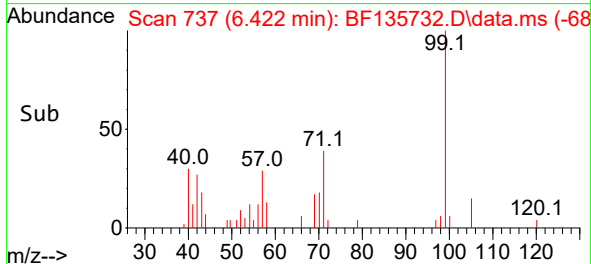
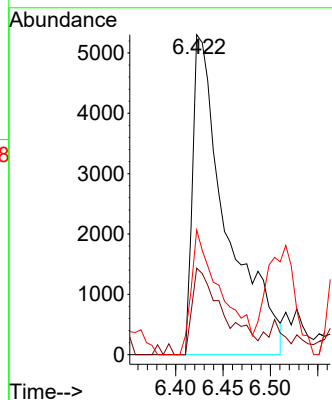
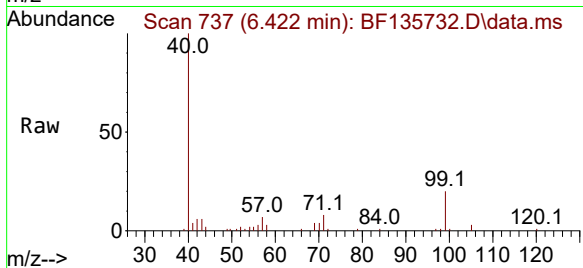




#7
Phenol-d6
Concen: 1.928 ng
RT: 6.422 min Scan# 71
Delta R.T. 0.030 min
Lab File: BF135732.D
Acq: 12 Oct 2023 13:51

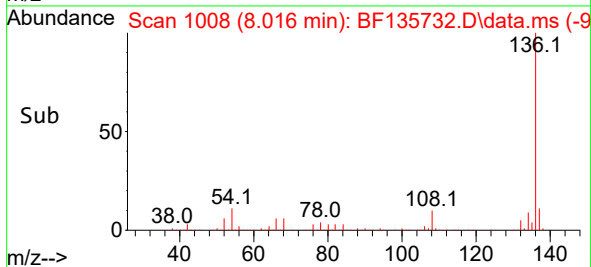
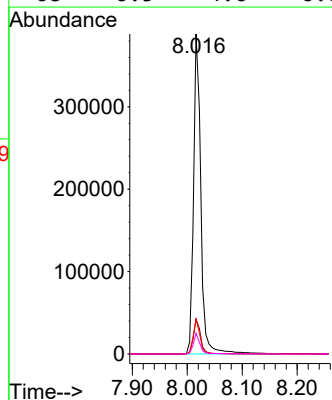
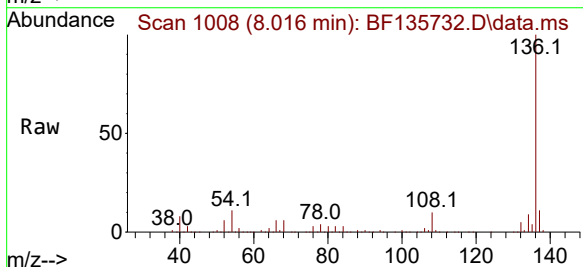
Instrument :
BNA_F
ClientSampleId :
TW-1

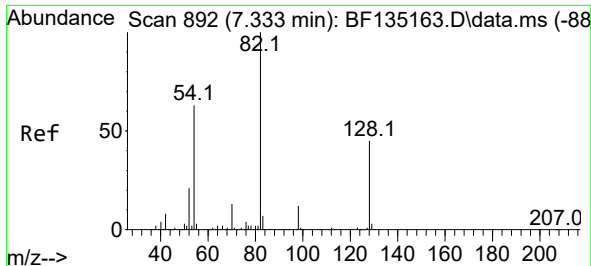
Tgt Ion: 99 Resp: 13194
Ion Ratio Lower Upper
99 100
42 27.0 17.9 26.9#
71 39.0 27.0 40.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.016 min Scan# 1008
Delta R.T. -0.006 min
Lab File: BF135732.D
Acq: 12 Oct 2023 13:51

Tgt Ion:136 Resp: 356640
Ion Ratio Lower Upper
136 100
137 10.9 8.8 13.2
54 10.8 7.7 11.5
68 6.5 4.6 6.8





#23

Nitrobenzene-d5

Concen: 11.298 ng

RT: 7.304 min Scan# 887

Delta R.T. -0.006 min

Lab File: BF135732.D

Acq: 12 Oct 2023 13:51

Instrument :

BNA_F

ClientSampleId :

TW-1

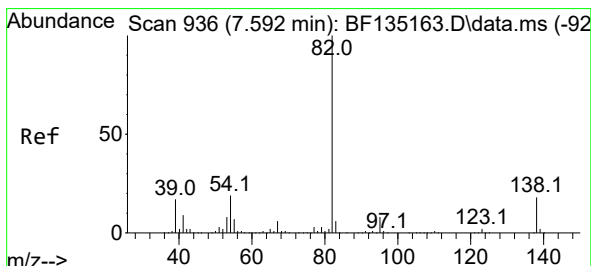
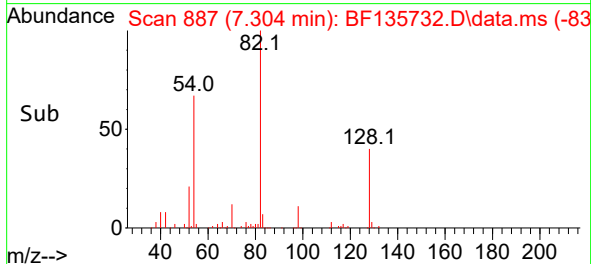
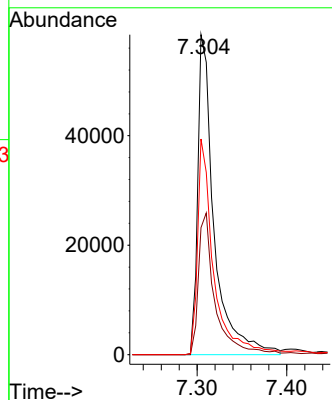
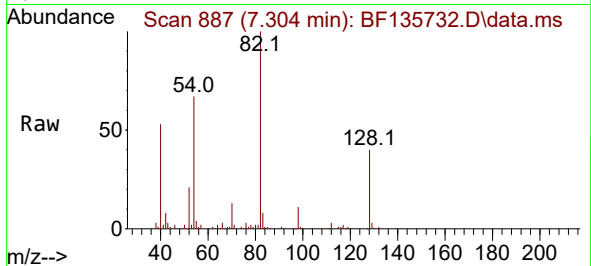
Tgt Ion: 82 Resp: 74165

Ion Ratio Lower Upper

82 100

128 39.7 35.8 53.6

54 67.4 50.6 76.0



#25

Isophorone

Concen: 6.153 ng

RT: 7.304 min Scan# 887

Delta R.T. -0.259 min

Lab File: BF135732.D

Acq: 12 Oct 2023 13:51

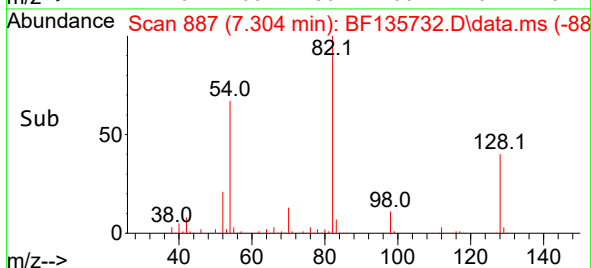
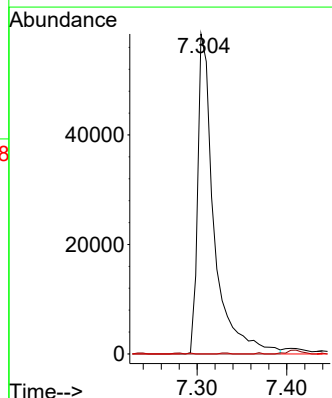
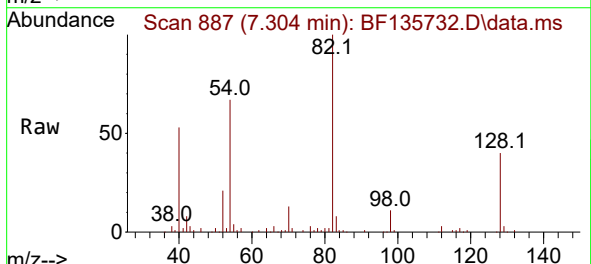
Tgt Ion: 82 Resp: 74165

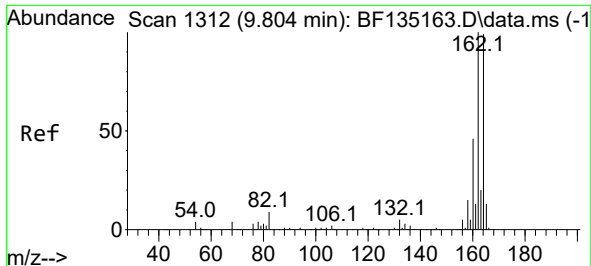
Ion Ratio Lower Upper

82 100

95 0.0 6.0 9.0#

138 0.0 14.5 21.7#

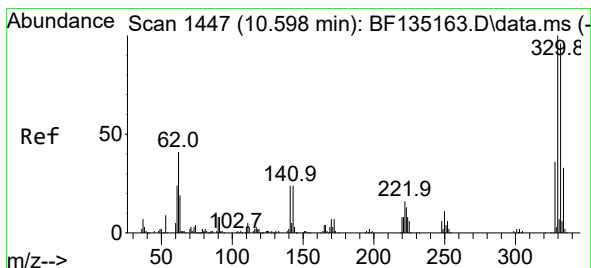
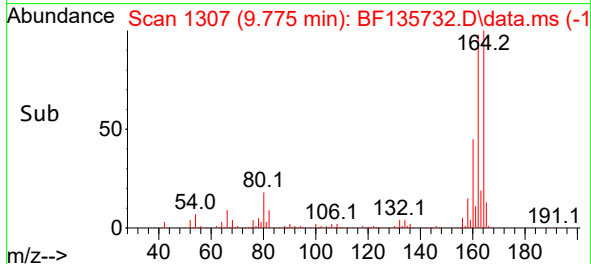
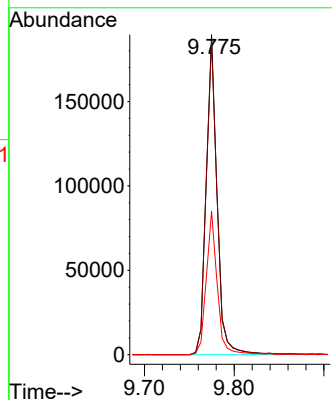
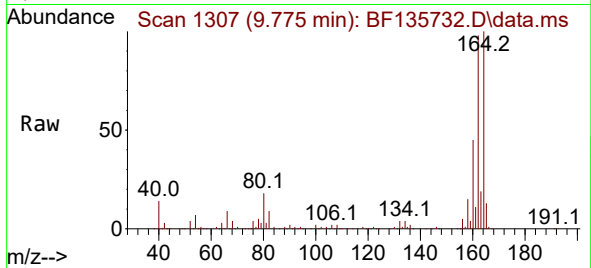




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.775 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF135732.D
Acq: 12 Oct 2023 13:51

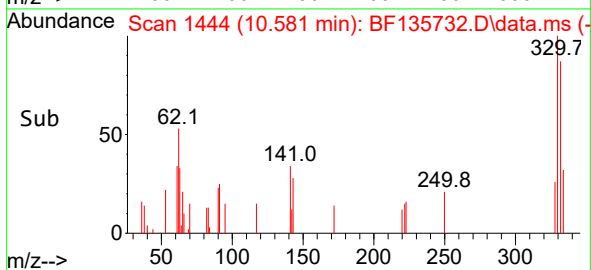
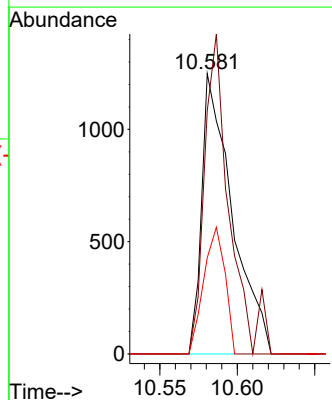
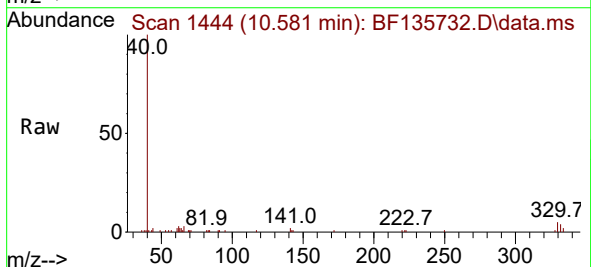
Instrument :
BNA_F
ClientSampleId :
TW-1

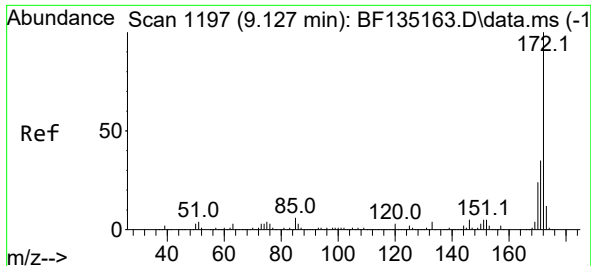
Tgt Ion:164 Resp: 158938
Ion Ratio Lower Upper
164 100
162 98.0 81.0 121.4
160 44.8 37.0 55.4



#42
2,4,6-Tribromophenol
Concen: 1.082 ng
RT: 10.581 min Scan# 1444
Delta R.T. 0.006 min
Lab File: BF135732.D
Acq: 12 Oct 2023 13:51

Tgt Ion:330 Resp: 1709
Ion Ratio Lower Upper
330 100
332 93.1 77.3 115.9
141 31.5 25.8 38.8





#45

2-Fluorobiphenyl

Concen: 14.724 ng

RT: 9.092 min Scan# 1197

Delta R.T. -0.006 min

Lab File: BF135732.D

Acq: 12 Oct 2023 13:51

Instrument :

BNA_F

ClientSampleId :

TW-1

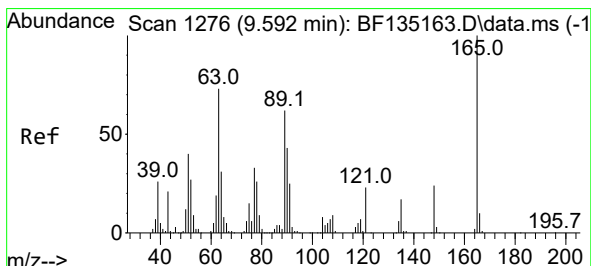
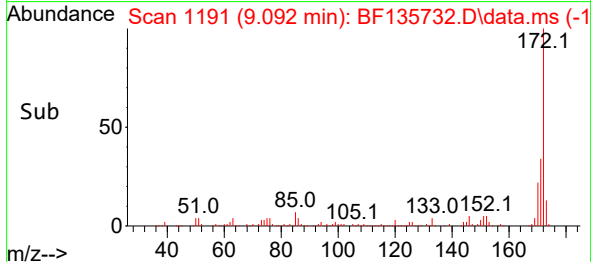
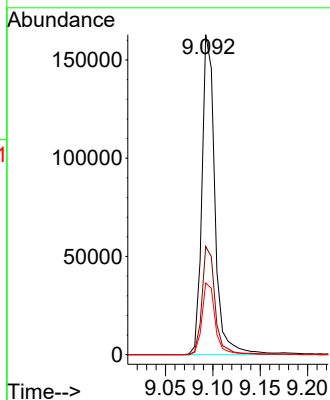
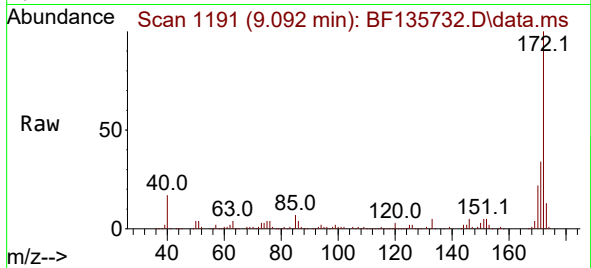
Tgt Ion:172 Resp: 155114

Ion Ratio Lower Upper

172 100

171 33.8 28.4 42.6

170 22.4 19.0 28.4



#51

2,6-Dinitrotoluene

Concen: 8.452 ng

RT: 9.775 min Scan# 1307

Delta R.T. 0.194 min

Lab File: BF135732.D

Acq: 12 Oct 2023 13:51

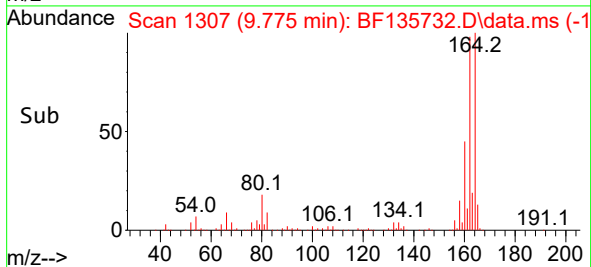
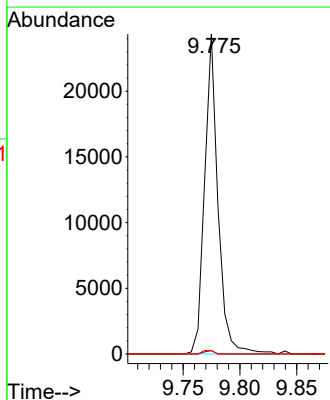
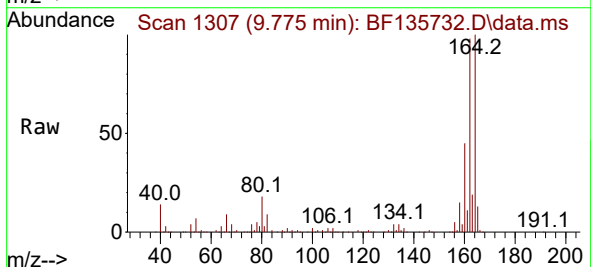
Tgt Ion:165 Resp: 19897

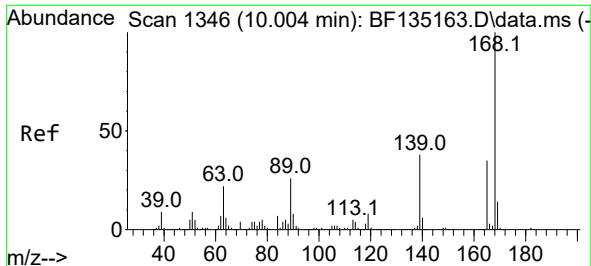
Ion Ratio Lower Upper

165 100

63 1.0 59.4 89.2#

89 1.0 49.8 74.8#

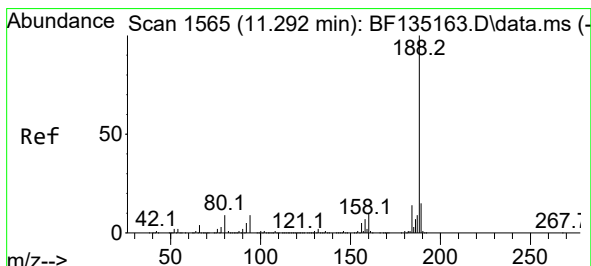
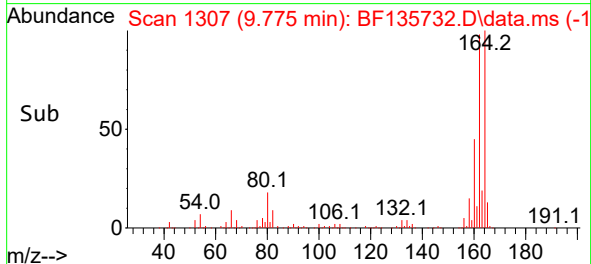
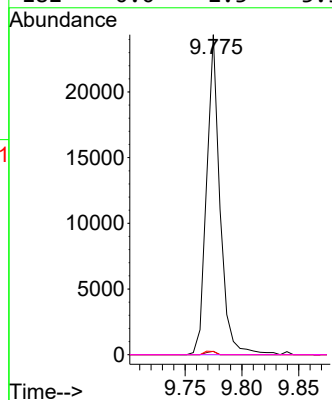
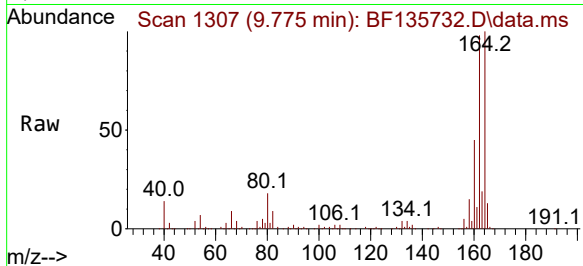




#57
2,4-Dinitrotoluene
Concen: 6.751 ng
RT: 9.775 min Scan# 11
Delta R.T. -0.217 min
Lab File: BF135732.D
Acq: 12 Oct 2023 13:51

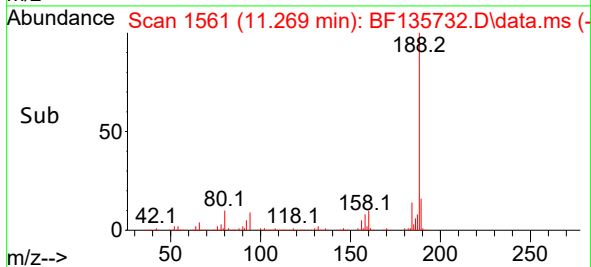
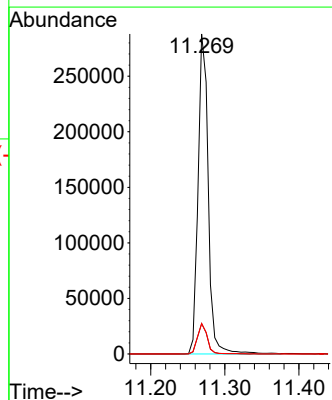
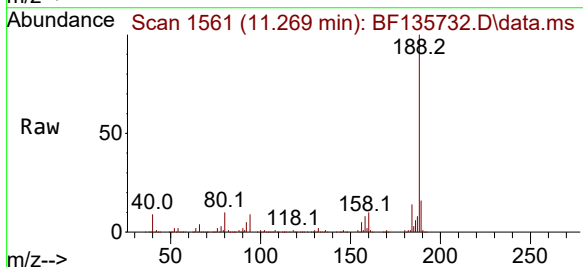
Instrument :
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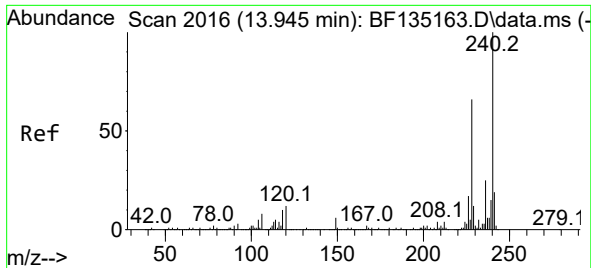
Tgt Ion:165 Resp: 19897
Ion Ratio Lower Upper
165 100
63 1.0 50.1 75.1#
89 1.0 59.3 88.9#
182 0.0 2.3 3.5#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.269 min Scan# 1561
Delta R.T. -0.006 min
Lab File: BF135732.D
Acq: 12 Oct 2023 13:51

Tgt Ion:188 Resp: 273831
Ion Ratio Lower Upper
188 100
94 9.5 7.0 10.6
80 9.5 7.5 11.3

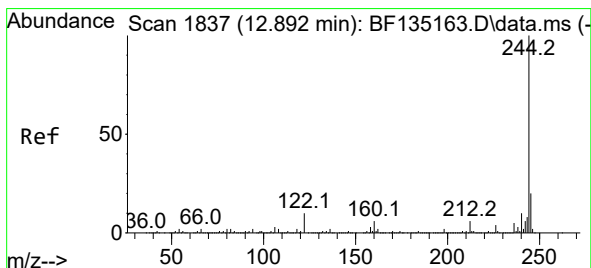
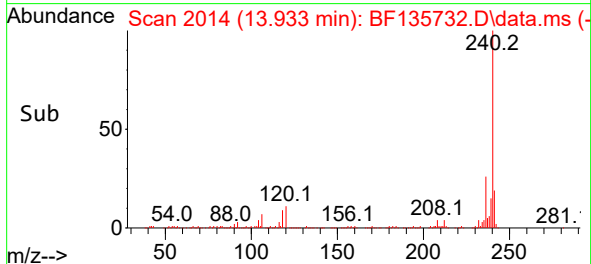
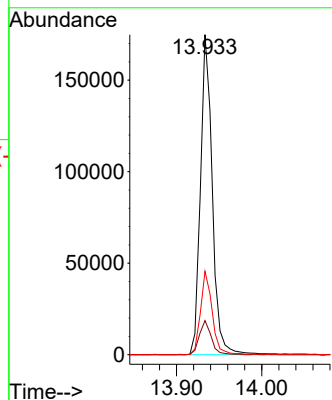
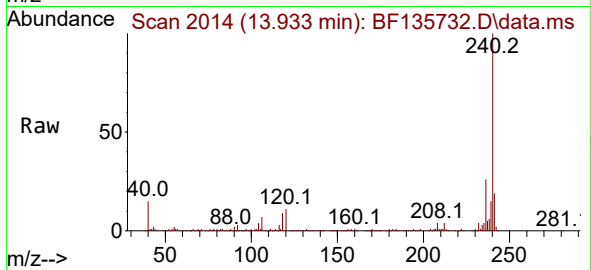




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.933 min Scan# 2016
Delta R.T. -0.006 min
Lab File: BF135732.D
Acq: 12 Oct 2023 13:51

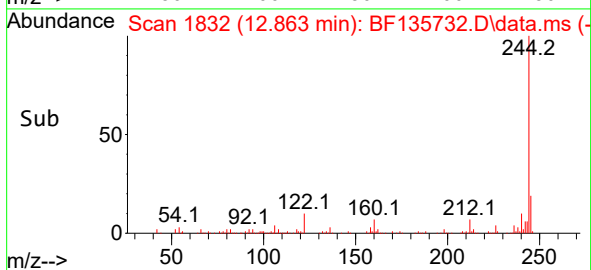
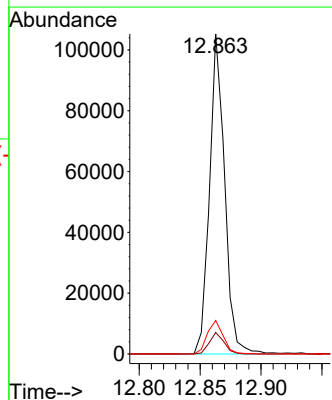
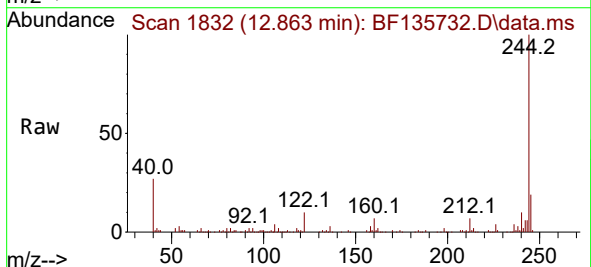
Instrument :
BNA_F
ClientSampleId :
TW-1

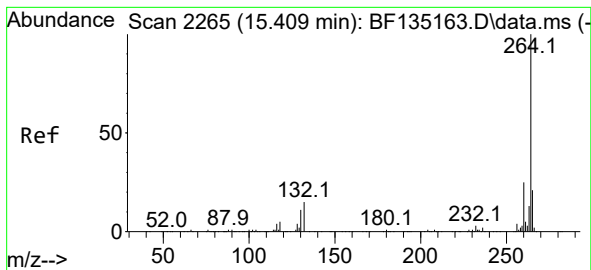
Tgt Ion:240 Resp: 168745
Ion Ratio Lower Upper
240 100
120 10.6 9.4 14.2
236 26.0 19.8 29.8



#79
Terphenyl-d14
Concen: 8.333 ng
RT: 12.863 min Scan# 1832
Delta R.T. -0.006 min
Lab File: BF135732.D
Acq: 12 Oct 2023 13:51

Tgt Ion:244 Resp: 90713
Ion Ratio Lower Upper
244 100
212 6.7 5.1 7.7
122 10.4 7.9 11.9





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.410 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF135732.D

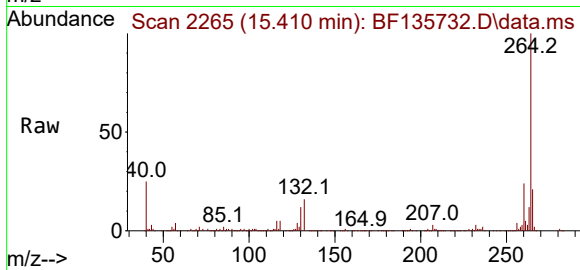
Acq: 12 Oct 2023 13:51

Instrument :

BNA_F

ClientSampleId :

TW-1



Tgt Ion:264 Resp: 159134

Ion Ratio Lower Upper

264 100

260 23.9 19.8 29.6

265 20.6 17.0 25.4

