

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101623\
 Data File : BF135782.D
 Acq On : 16 Oct 2023 18:14
 Operator : CG\JU
 Sample : 04656-18
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-101S

Quant Time: Oct 17 01:56:43 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 17 01:22:00 2023
 Response via : Initial Calibration

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

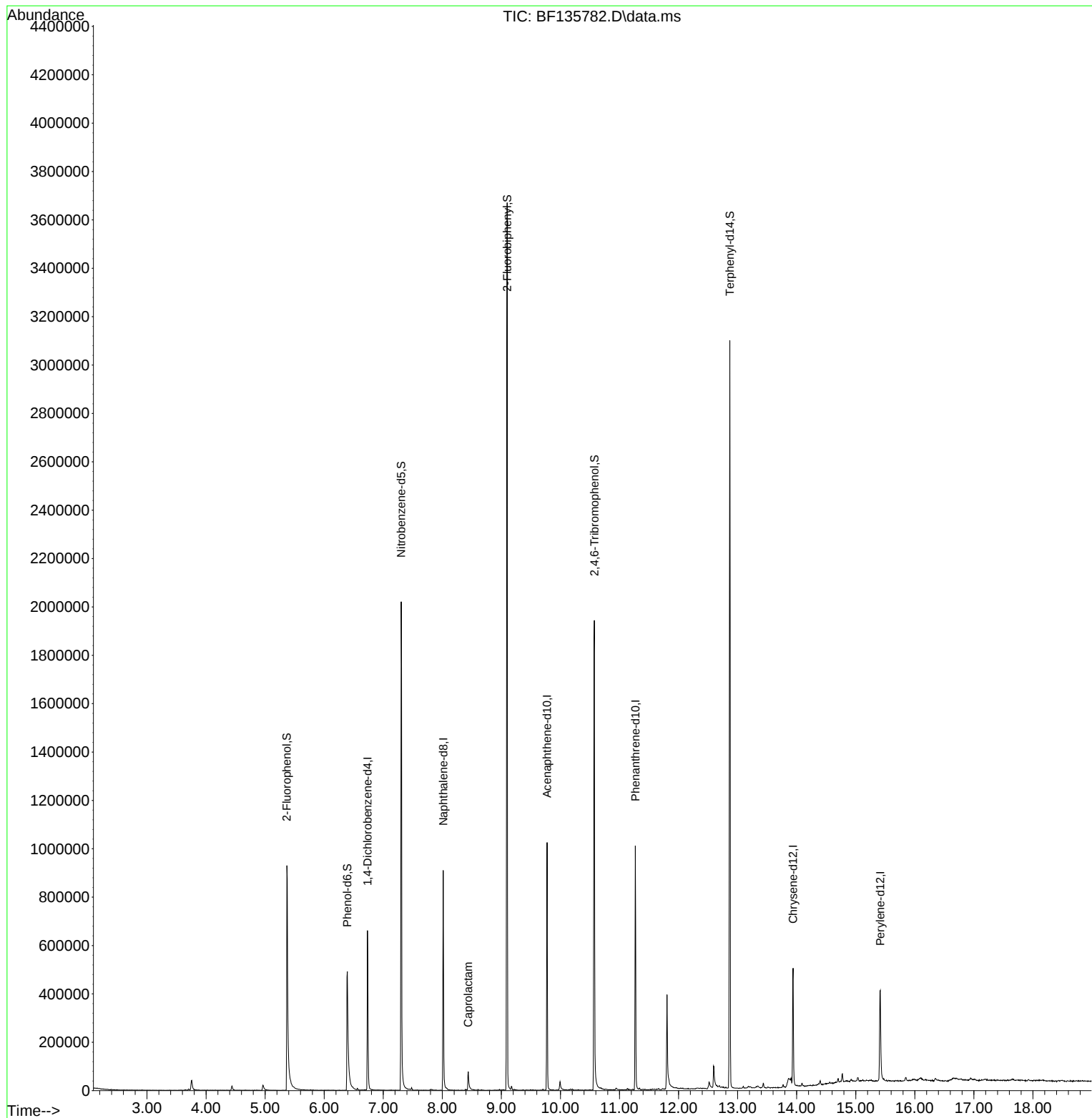
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.734	152	98316	20.000	ng	-0.01
21) Naphthalene-d8	8.016	136	382727	20.000	ng	0.00
39) Acenaphthene-d10	9.774	164	190148	20.000	ng	-0.01
64) Phenanthrene-d10	11.269	188	360245	20.000	ng	-0.01
76) Chrysene-d12	13.939	240	178289	20.000	ng	-0.01
86) Perylene-d12	15.415	264	197893	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.369	112	356447	58.289	ng	0.00
7) Phenol-d6	6.392	99	269332	35.299	ng	0.00
23) Nitrobenzene-d5	7.304	82	640198	91.999	ng	-0.01
42) 2,4,6-Tribromophenol	10.574	330	254115	139.270	ng	-0.01
45) 2-Fluorobiphenyl	9.098	172	1093582	89.921	ng	0.00
79) Terphenyl-d14	12.868	244	1094959	113.735	ng	-0.01
Target Compounds						
35) Caprolactam	8.439	113	9482	5.275	ng	Qvalue # 85

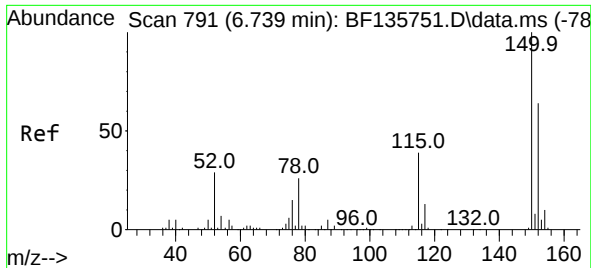
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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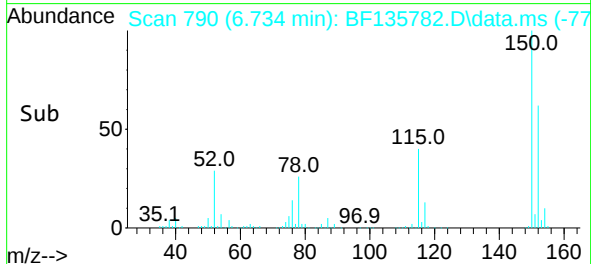
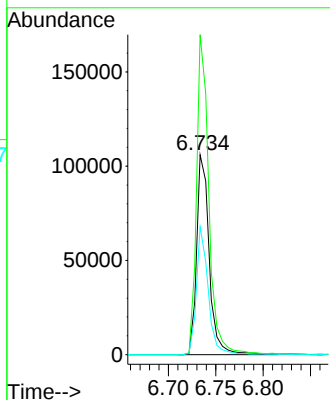
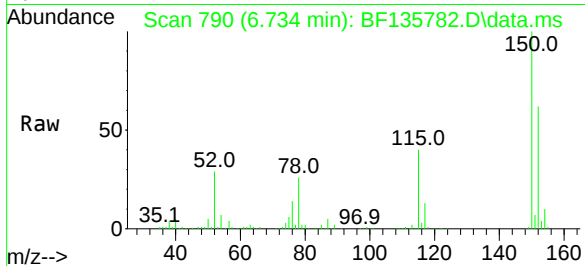




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.734 min Scan# 791
 Delta R.T. -0.012 min
 Lab File: BF135782.D
 Acq: 16 Oct 2023 18:14

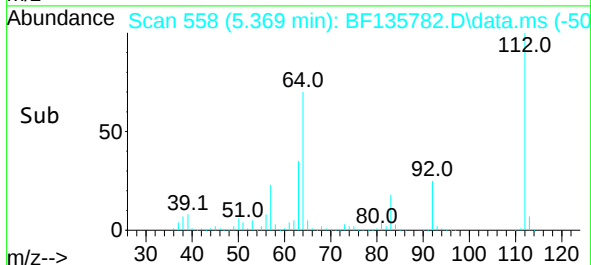
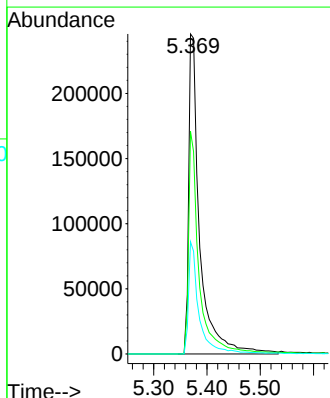
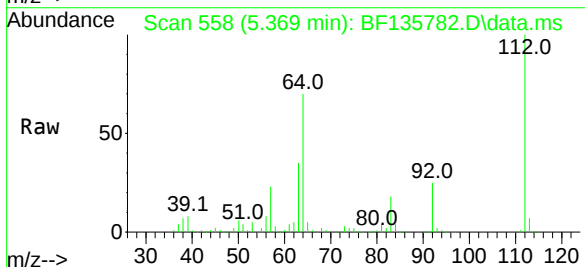
Instrument :
 BNA_F
 ClientSampleId :
 MW-101S

Tgt Ion:152 Resp: 98316
 Ion Ratio Lower Upper
 152 100
 150 160.1 124.5 186.7
 115 64.0 49.0 73.4



#5
 2-Fluorophenol
 Concen: 58.289 ng
 RT: 5.369 min Scan# 558
 Delta R.T. -0.006 min
 Lab File: BF135782.D
 Acq: 16 Oct 2023 18:14

Tgt Ion:112 Resp: 356447
 Ion Ratio Lower Upper
 112 100
 64 69.6 51.2 76.8
 63 35.1 26.1 39.1

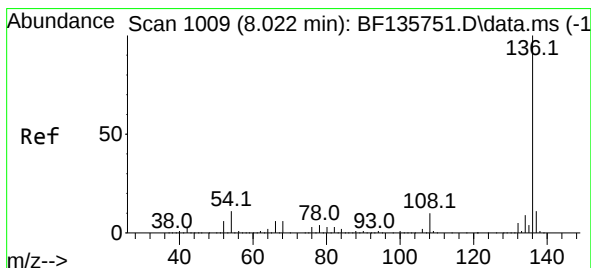
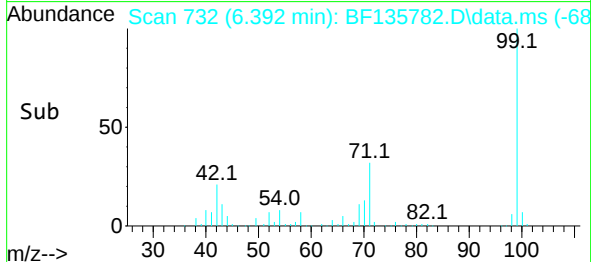
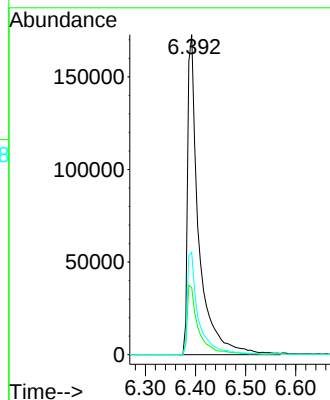
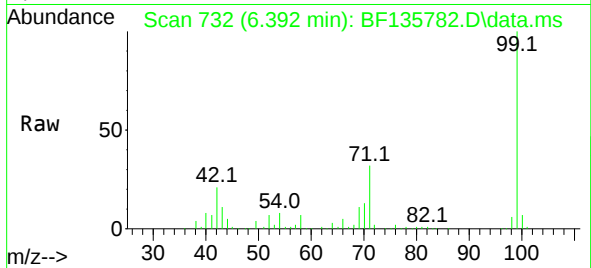




#7
Phenol-d6
Concen: 35.299 ng
RT: 6.392 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF135782.D
Acq: 16 Oct 2023 18:14

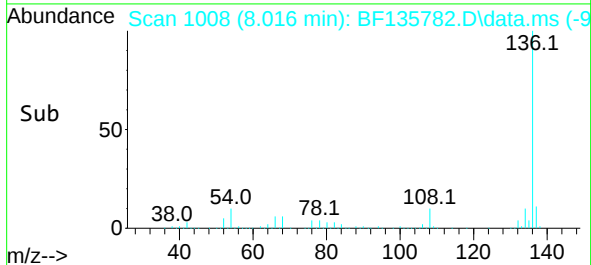
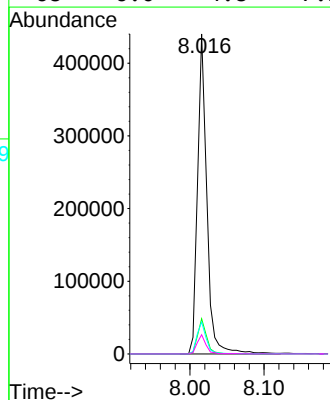
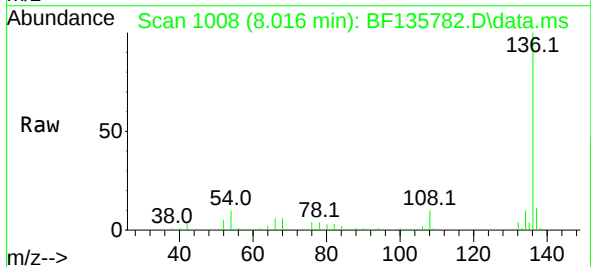
Instrument :
BNA_F
ClientSampleId :
MW-101S

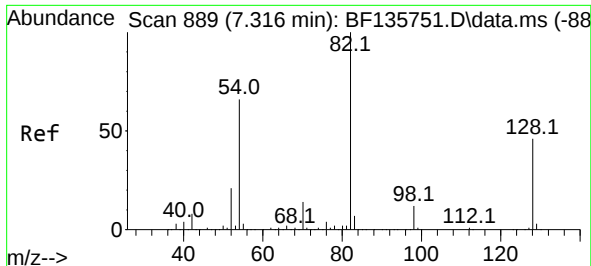
Tgt Ion: 99 Resp: 269332
Ion Ratio Lower Upper
99 100
42 21.0 18.4 27.6
71 32.0 27.2 40.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.016 min Scan# 1008
Delta R.T. -0.006 min
Lab File: BF135782.D
Acq: 16 Oct 2023 18:14

Tgt Ion: 136 Resp: 382727
Ion Ratio Lower Upper
136 100
137 11.0 8.6 12.8
54 10.0 8.5 12.7
68 6.0 4.8 7.2





#23

Nitrobenzene-d5

Concen: 91.999 ng

RT: 7.304 min Scan# 81

Delta R.T. -0.012 min

Lab File: BF135782.D

Acq: 16 Oct 2023 18:14

Instrument :

BNA_F

ClientSampleId :

MW-101S

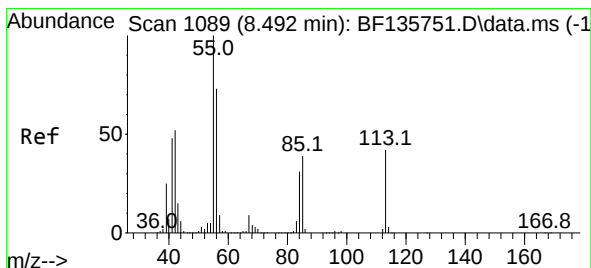
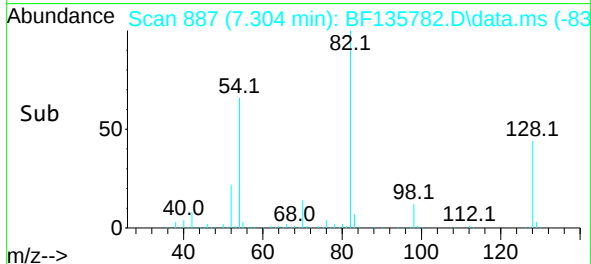
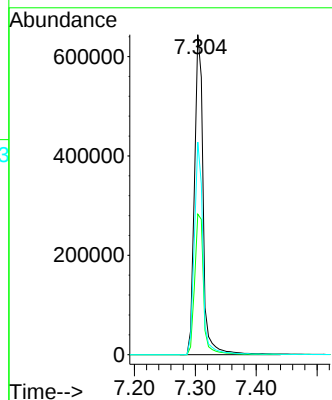
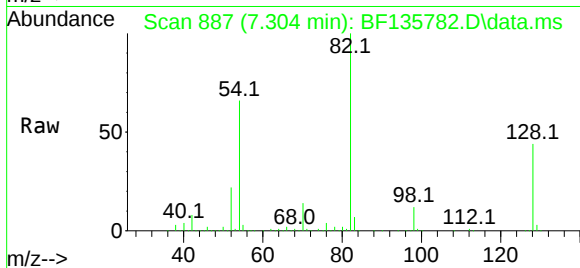
Tgt Ion: 82 Resp: 640198

Ion Ratio Lower Upper

82 100

128 43.9 37.0 55.6

54 66.5 52.8 79.2



#35

Caprolactam

Concen: 5.275 ng

RT: 8.439 min Scan# 1080

Delta R.T. -0.059 min

Lab File: BF135782.D

Acq: 16 Oct 2023 18:14

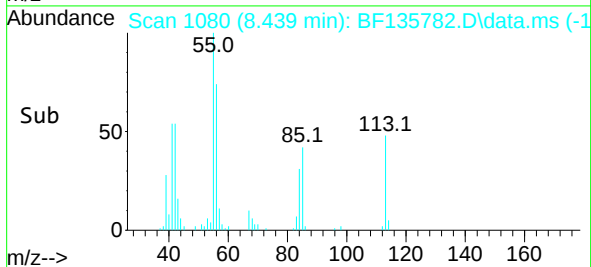
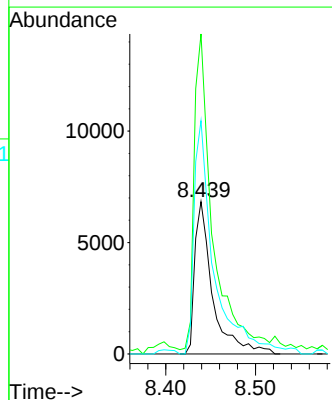
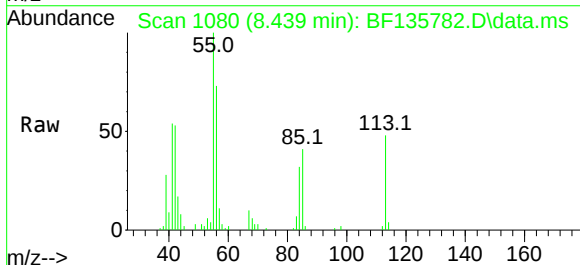
Tgt Ion: 113 Resp: 9482

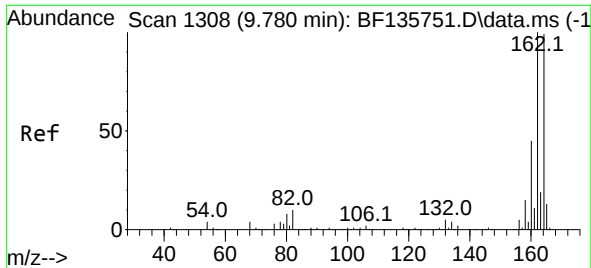
Ion Ratio Lower Upper

113 100

55 210.1 217.4 257.4#

56 153.1 153.1 193.1

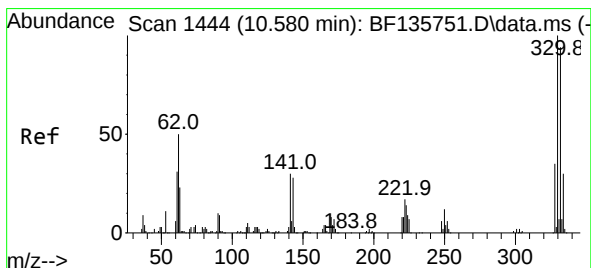
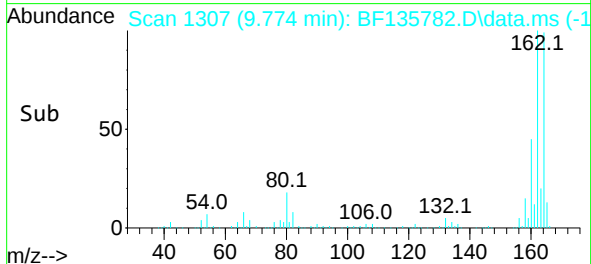
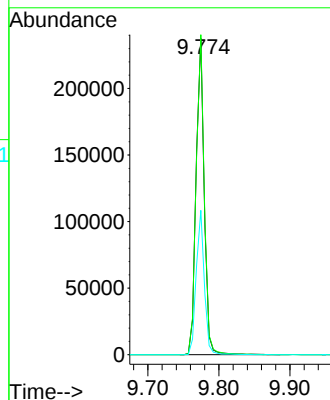
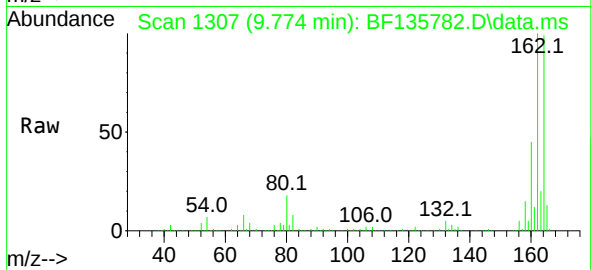




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.774 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF135782.D
Acq: 16 Oct 2023 18:14

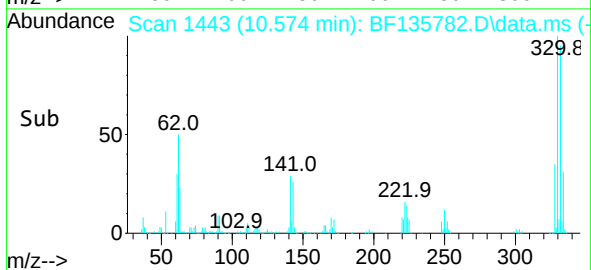
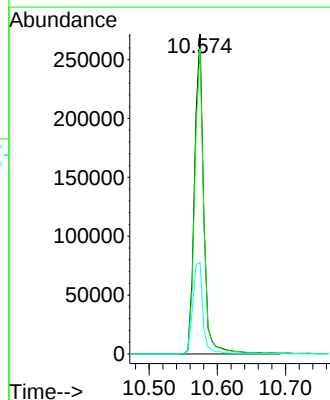
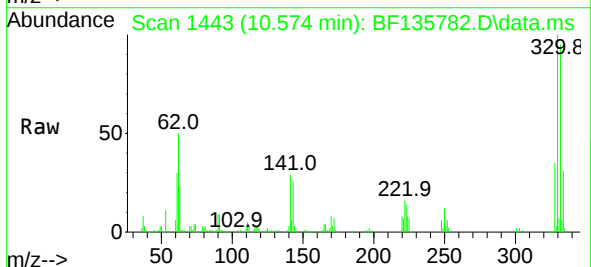
Instrument :
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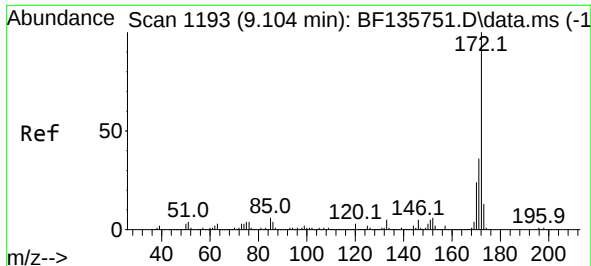
Tgt Ion:164 Resp: 190148
Ion Ratio Lower Upper
164 100
162 101.2 80.8 121.2
160 45.6 36.6 54.8



#42
2,4,6-Tribromophenol
Concen: 139.270 ng
RT: 10.574 min Scan# 1443
Delta R.T. -0.012 min
Lab File: BF135782.D
Acq: 16 Oct 2023 18:14

Tgt Ion:330 Resp: 254115
Ion Ratio Lower Upper
330 100
332 94.6 75.0 112.4
141 32.3 25.8 38.6

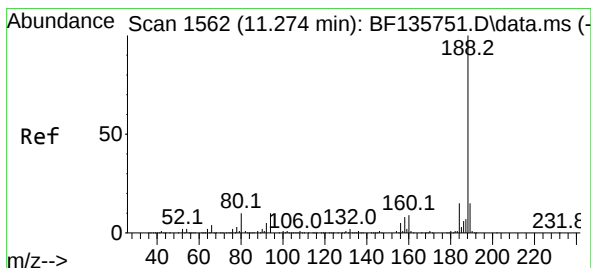
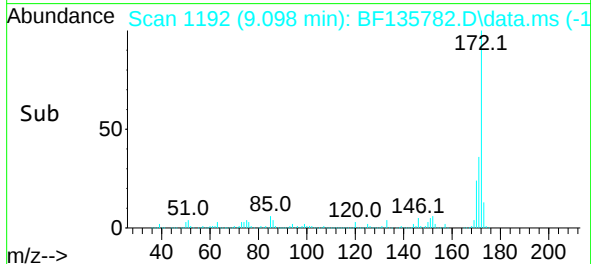
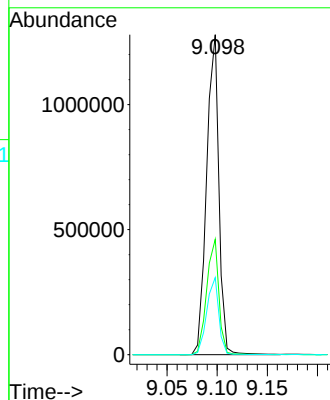
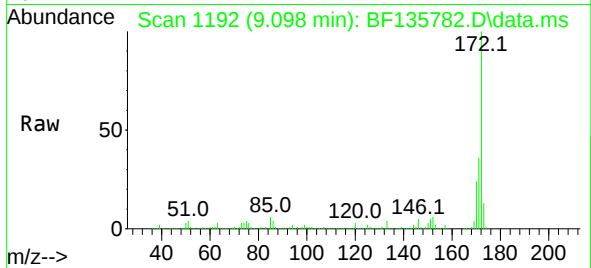




#45
2-Fluorobiphenyl
Concen: 89.921 ng
RT: 9.098 min Scan# 1193
Delta R.T. -0.006 min
Lab File: BF135782.D
Acq: 16 Oct 2023 18:14

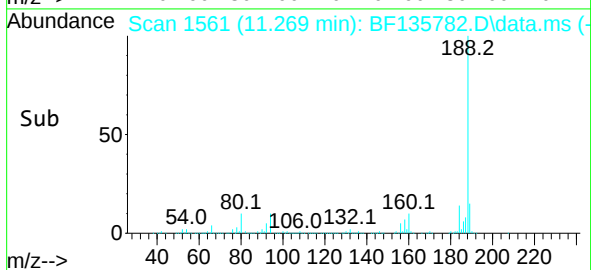
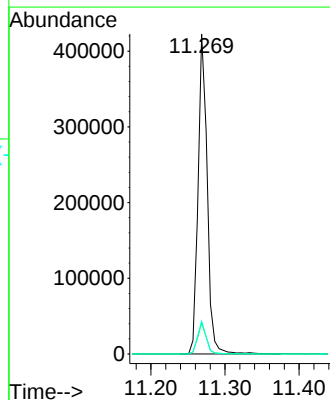
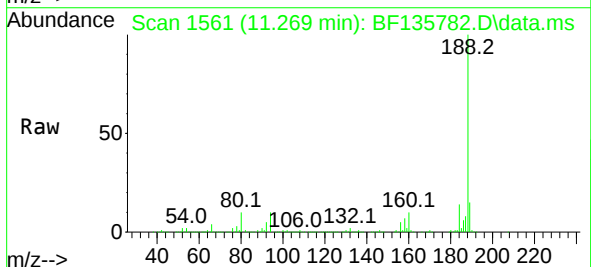
Instrument :
BNA_F
ClientSampleId :
MW-101S

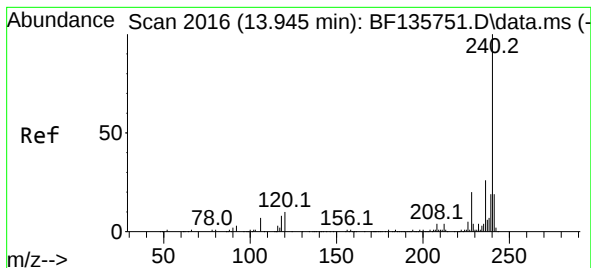
Tgt Ion:172 Resp: 1093582
Ion Ratio Lower Upper
172 100
171 36.1 28.4 42.6
170 24.1 18.8 28.2



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.269 min Scan# 1561
Delta R.T. -0.012 min
Lab File: BF135782.D
Acq: 16 Oct 2023 18:14

Tgt Ion:188 Resp: 360245
Ion Ratio Lower Upper
188 100
94 9.6 8.0 12.0
80 10.3 8.3 12.5





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.939 min Scan# 2015

Delta R.T. -0.012 min

Lab File: BF135782.D

Acq: 16 Oct 2023 18:14

Instrument :

BNA_F

ClientSampleId :

MW-101S

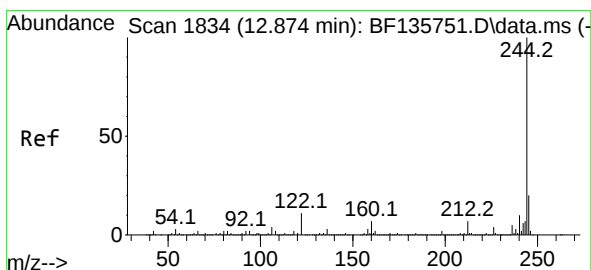
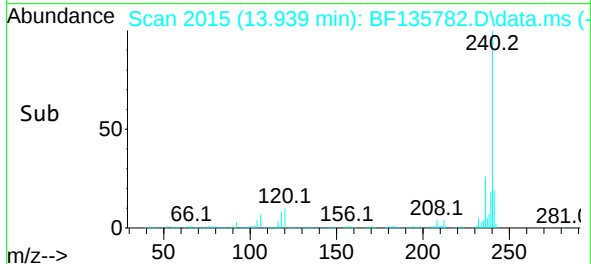
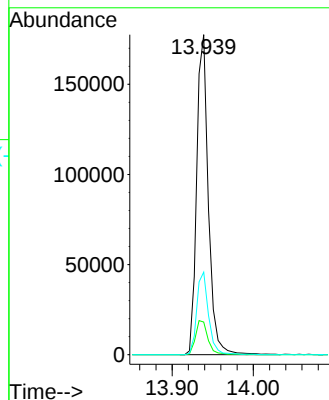
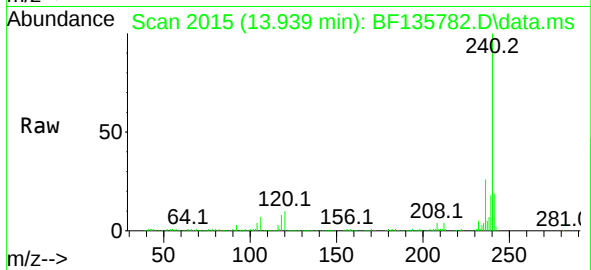
Tgt Ion:240 Resp: 178289

Ion Ratio Lower Upper

240 100

120 10.2 8.2 12.2

236 25.8 21.2 31.8



#79

Terphenyl-d14

Concen: 113.735 ng

RT: 12.868 min Scan# 1833

Delta R.T. -0.012 min

Lab File: BF135782.D

Acq: 16 Oct 2023 18:14

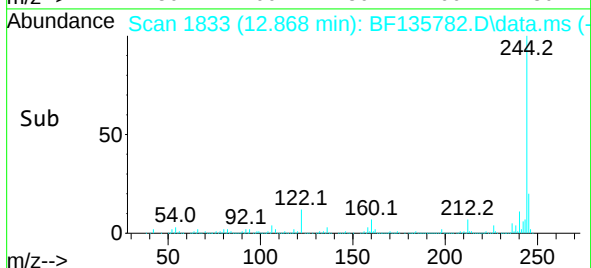
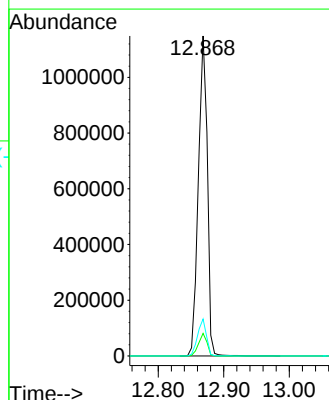
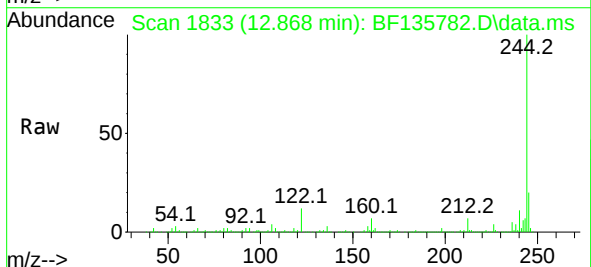
Tgt Ion:244 Resp: 1094959

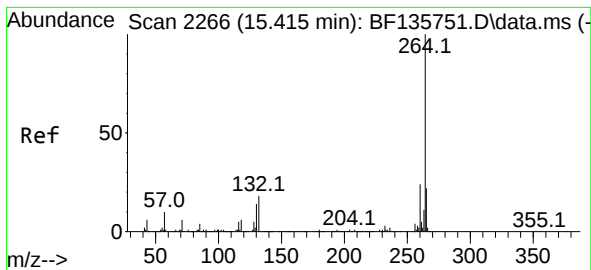
Ion Ratio Lower Upper

244 100

212 7.0 5.6 8.4

122 11.5 9.0 13.6





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.415 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BF135782.D
 Acq: 16 Oct 2023 18:14

Instrument :
 BNA_F
 ClientSampleId :
 MW-101S

Tgt Ion:264 Resp: 197893
 Ion Ratio Lower Upper
 264 100
 260 23.1 19.2 28.8
 265 21.1 17.4 26.2

