

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101623\
 Data File : BF135787.D
 Acq On : 16 Oct 2023 20:52
 Operator : CG\JU
 Sample : 04656-19
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-101I

Quant Time: Oct 17 01:58:17 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	6.739	152	92568	20.000	ng	0.00
21) Naphthalene-d8	8.016	136	364696	20.000	ng	0.00
39) Acenaphthene-d10	9.775	164	185682	20.000	ng	-0.01
64) Phenanthrene-d10	11.269	188	352277	20.000	ng	-0.01
76) Chrysene-d12	13.939	240	177481	20.000	ng	-0.01
86) Perylene-d12	15.409	264	204811	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.369	112	372525	64.701	ng	0.00
7) Phenol-d6	6.387	99	274984	38.278	ng	-0.01
23) Nitrobenzene-d5	7.304	82	627838	94.683	ng	-0.01
42) 2,4,6-Tribromophenol	10.574	330	243268	136.532	ng	-0.01
45) 2-Fluorobiphenyl	9.098	172	1091821	91.935	ng	0.00
79) Terphenyl-d14	12.868	244	1126340	117.527	ng	-0.01

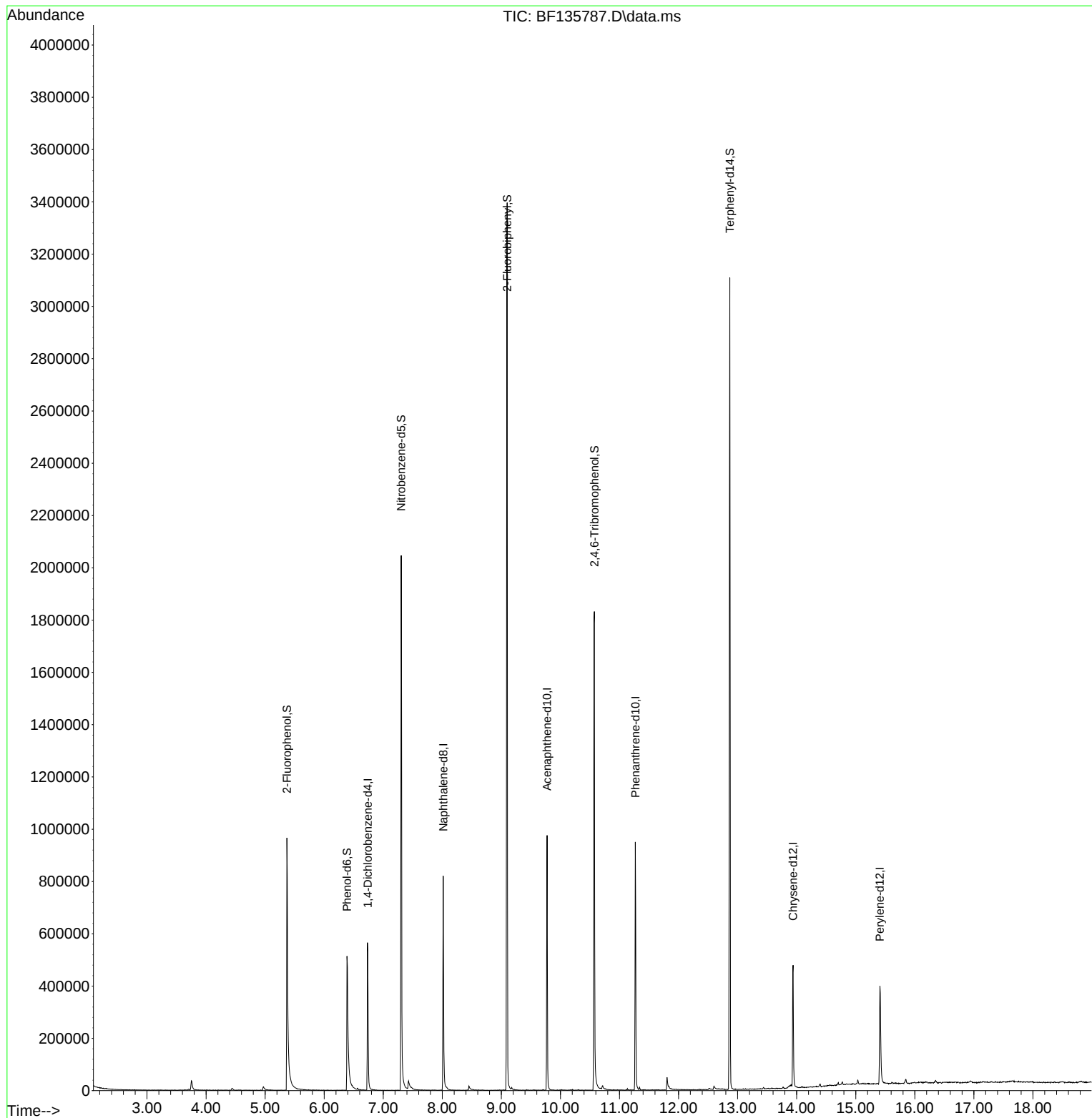
Target Compounds	Qvalue

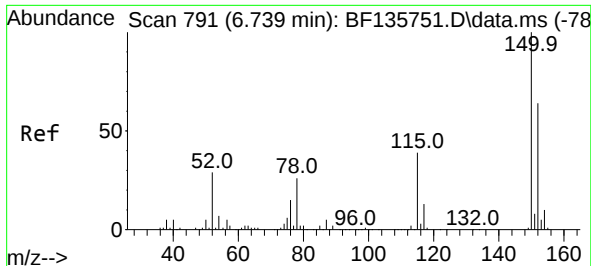
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101623\
Data File : BF135787.D
Acq On : 16 Oct 2023 20:52
Operator : CG\JU
Sample : 04656-19
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-101I

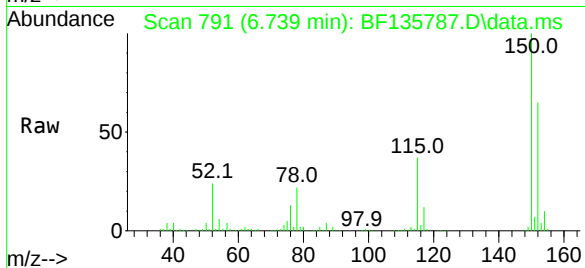
Quant Time: Oct 17 01:58:17 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 17 01:22:00 2023
Response via : Initial Calibration



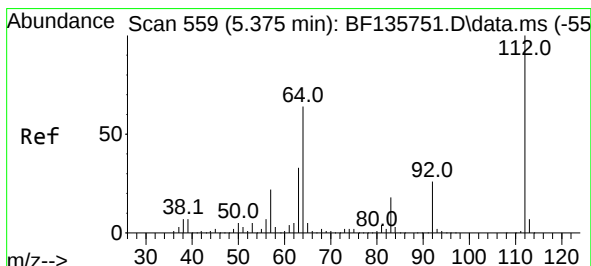
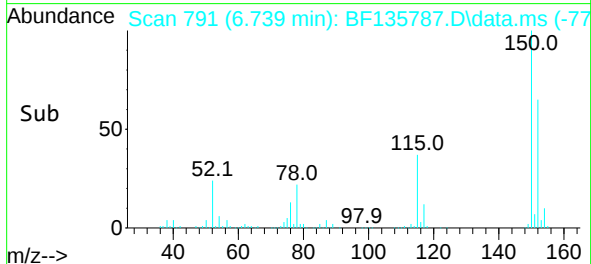
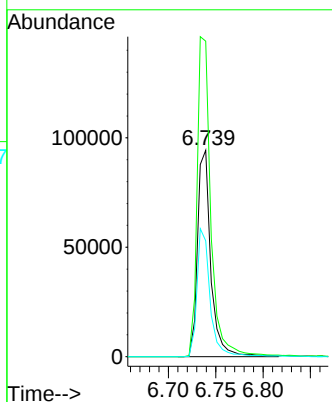


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.739 min Scan# 791
Delta R.T. -0.007 min
Lab File: BF135787.D
Acq: 16 Oct 2023 20:52

Instrument :
BNA_F
ClientSampleId :
MW-101I

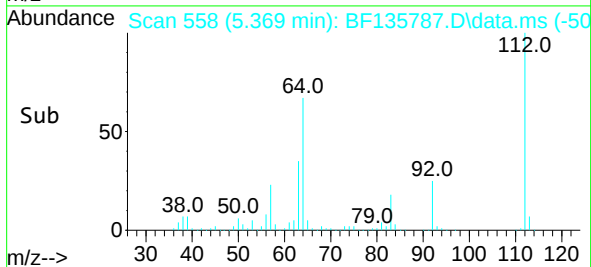
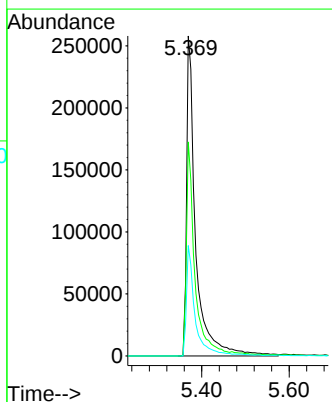
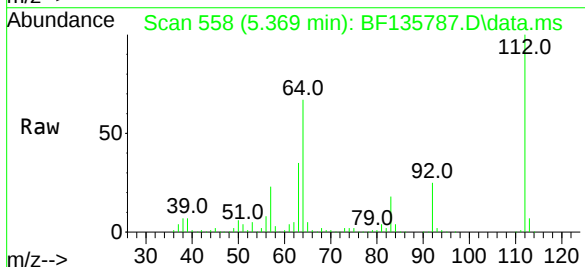


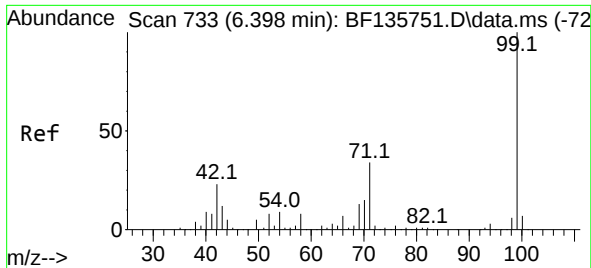
Tgt Ion:152 Resp: 92568
Ion Ratio Lower Upper
152 100
150 152.9 124.5 186.7
115 56.1 49.0 73.4



#5
2-Fluorophenol
Concen: 64.701 ng
RT: 5.369 min Scan# 558
Delta R.T. -0.006 min
Lab File: BF135787.D
Acq: 16 Oct 2023 20:52

Tgt Ion:112 Resp: 372525
Ion Ratio Lower Upper
112 100
64 66.9 51.2 76.8
63 34.5 26.1 39.1

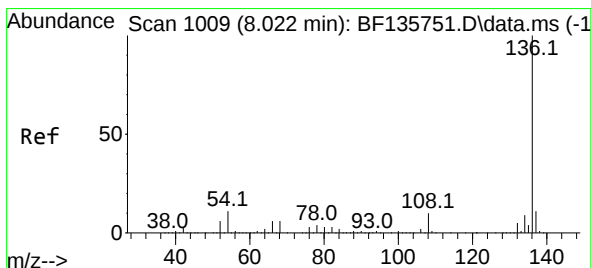
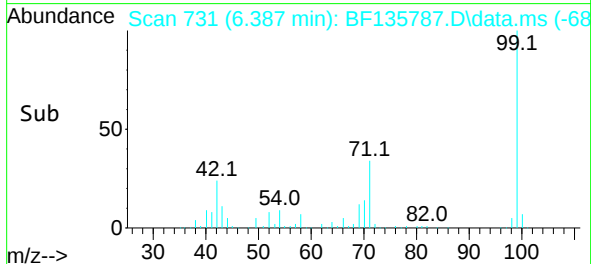
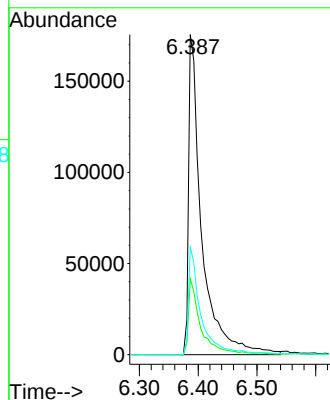
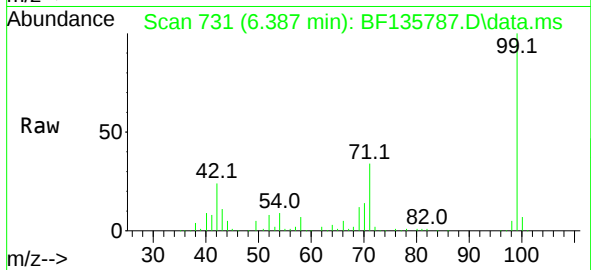




#7
Phenol-d6
Concen: 38.278 ng
RT: 6.387 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF135787.D
Acq: 16 Oct 2023 20:52

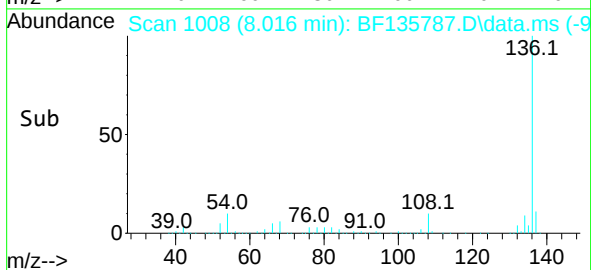
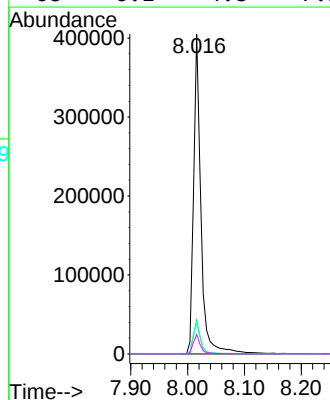
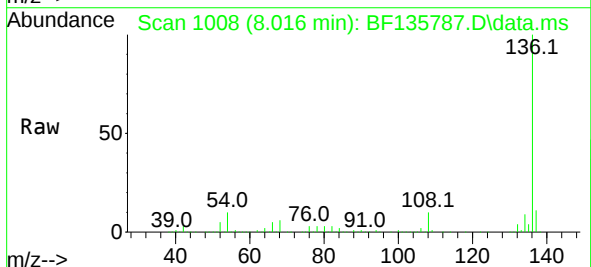
Instrument :
BNA_F
ClientSampleId :
MW-101I

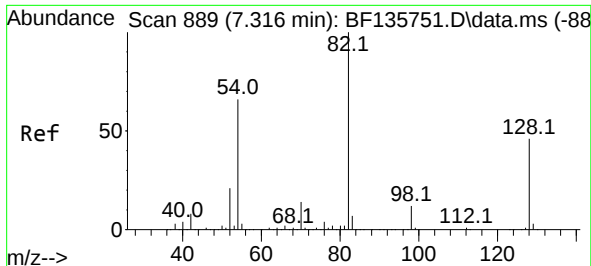
Tgt Ion: 99 Resp: 274984
Ion Ratio Lower Upper
99 100
42 23.8 18.4 27.6
71 33.6 27.2 40.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.016 min Scan# 1008
Delta R.T. -0.006 min
Lab File: BF135787.D
Acq: 16 Oct 2023 20:52

Tgt Ion: 136 Resp: 364696
Ion Ratio Lower Upper
136 100
137 10.7 8.6 12.8
54 9.8 8.5 12.7
68 6.1 4.8 7.2





#23

Nitrobenzene-d5

Concen: 94.683 ng

RT: 7.304 min Scan# 81

Delta R.T. -0.012 min

Lab File: BF135787.D

Acq: 16 Oct 2023 20:52

Instrument :

BNA_F

ClientSampleId :

MW-101I

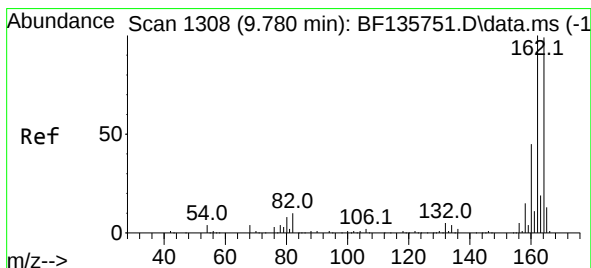
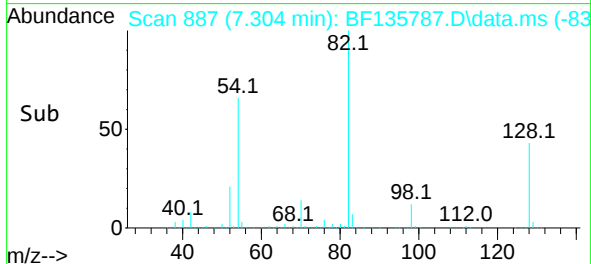
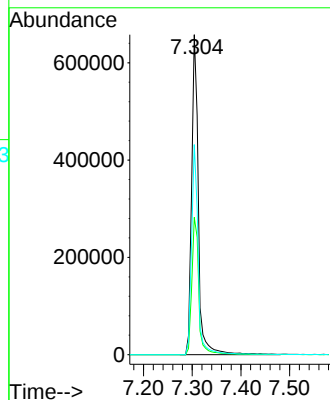
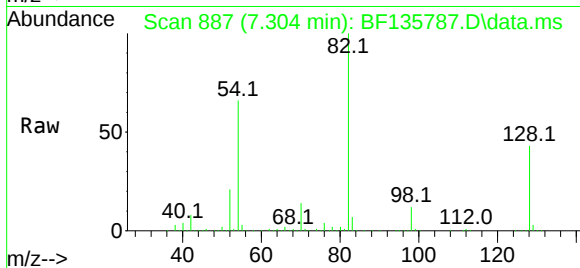
Tgt Ion: 82 Resp: 627838

Ion Ratio Lower Upper

82 100

128 42.9 37.0 55.6

54 65.7 52.8 79.2



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.775 min Scan# 1307

Delta R.T. -0.012 min

Lab File: BF135787.D

Acq: 16 Oct 2023 20:52

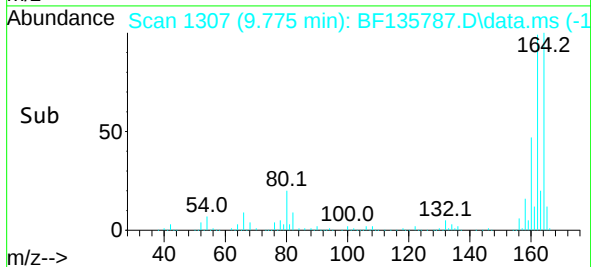
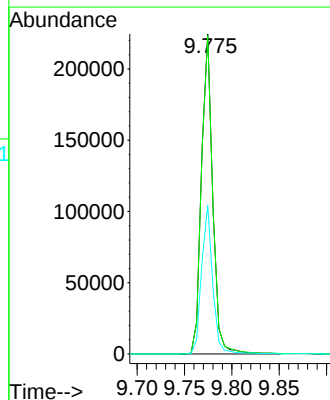
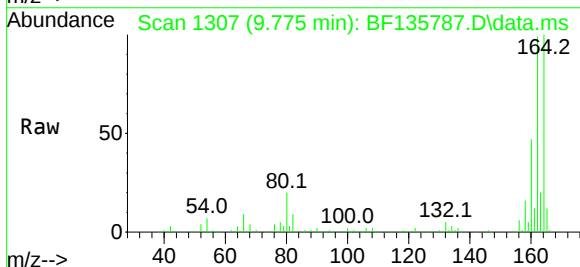
Tgt Ion:164 Resp: 185682

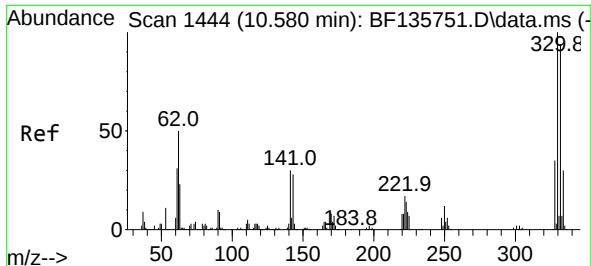
Ion Ratio Lower Upper

164 100

162 99.5 80.8 121.2

160 46.5 36.6 54.8





#42

2,4,6-Tribromophenol

Concen: 136.532 ng

RT: 10.574 min Scan# 1443

Delta R.T. -0.012 min

Lab File: BF135787.D

Acq: 16 Oct 2023 20:52

Instrument :

BNA_F

ClientSampleId :

MW-101I

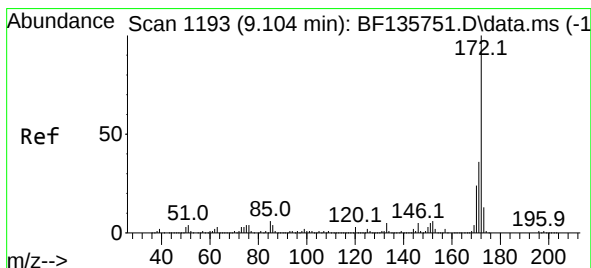
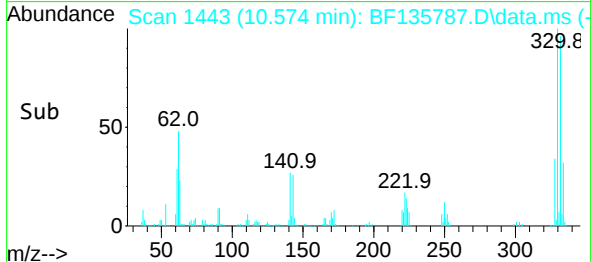
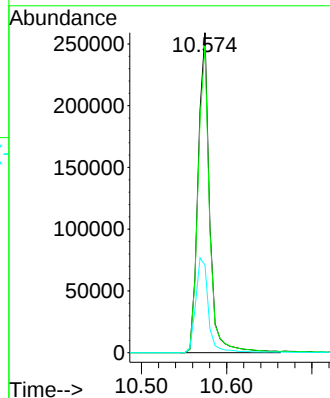
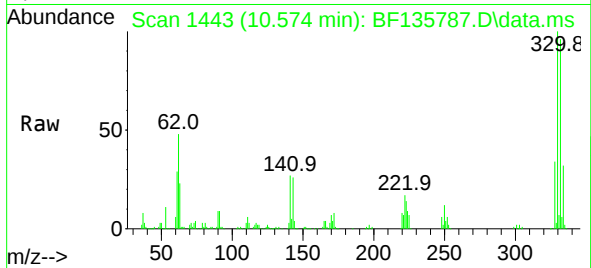
Tgt Ion:330 Resp: 243268

Ion Ratio Lower Upper

330 100

332 96.8 75.0 112.4

141 33.2 25.8 38.6



#45

2-Fluorobiphenyl

Concen: 91.935 ng

RT: 9.098 min Scan# 1192

Delta R.T. -0.006 min

Lab File: BF135787.D

Acq: 16 Oct 2023 20:52

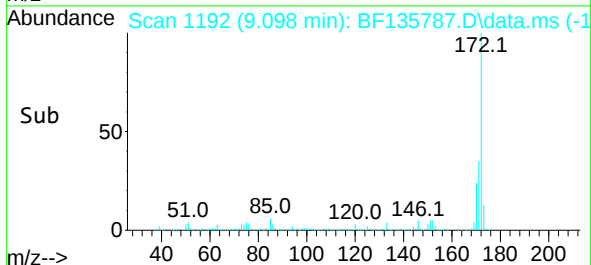
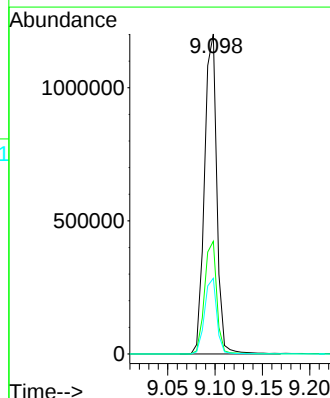
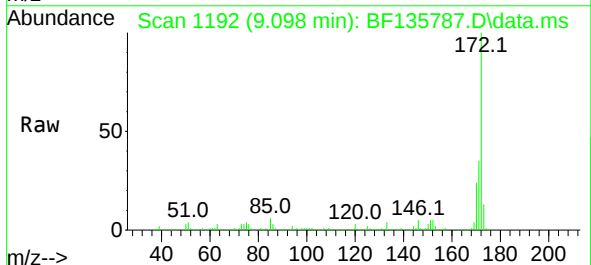
Tgt Ion:172 Resp: 1091821

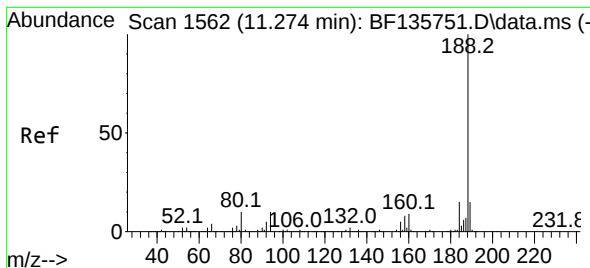
Ion Ratio Lower Upper

172 100

171 35.2 28.4 42.6

170 23.7 18.8 28.2





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.269 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF135787.D

Acq: 16 Oct 2023 20:52

Instrument :

BNA_F

ClientSampleId :

MW-101I

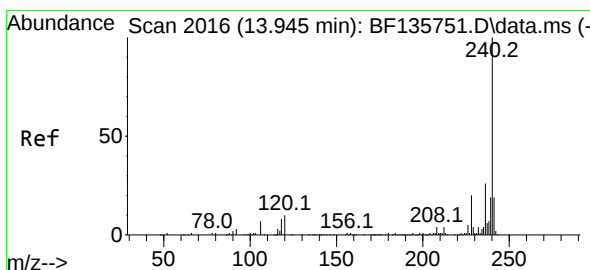
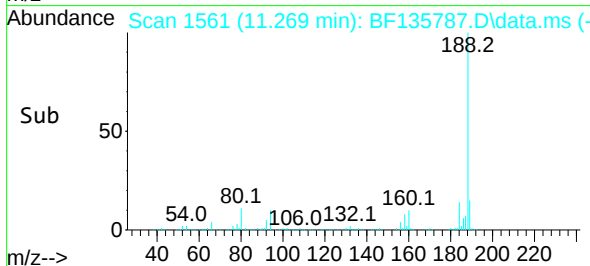
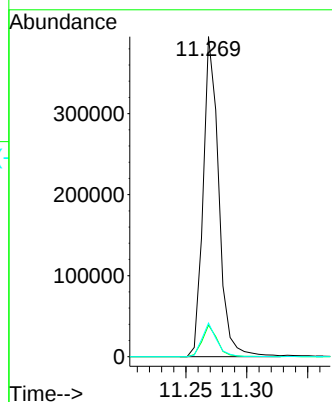
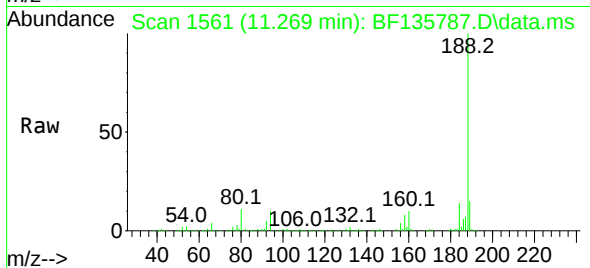
Tgt Ion:188 Resp: 352277

Ion Ratio Lower Upper

188 100

94 9.8 8.0 12.0

80 10.5 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: BF135787.D

Acq: 16 Oct 2023 20:52

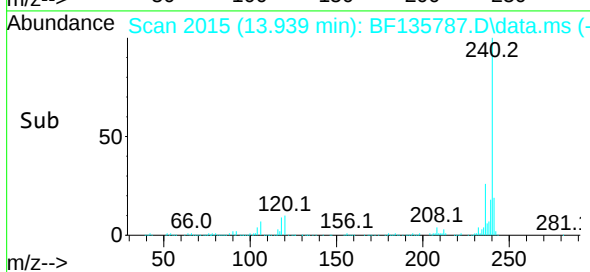
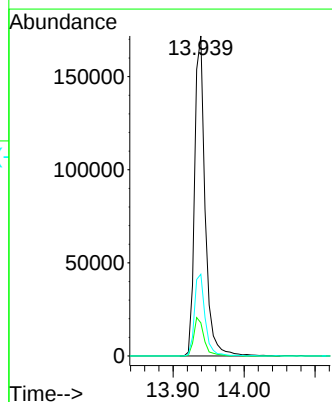
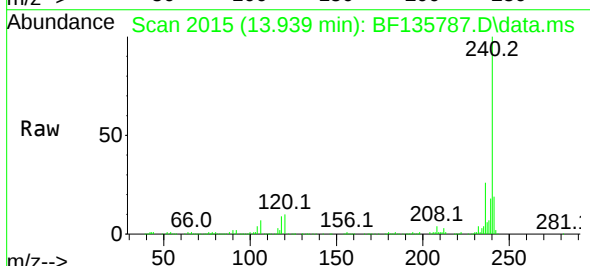
Tgt Ion:240 Resp: 177481

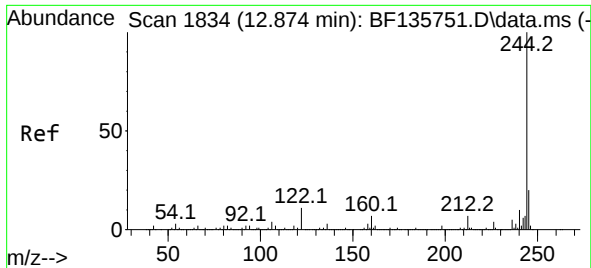
Ion Ratio Lower Upper

240 100

120 10.3 8.2 12.2

236 25.6 21.2 31.8

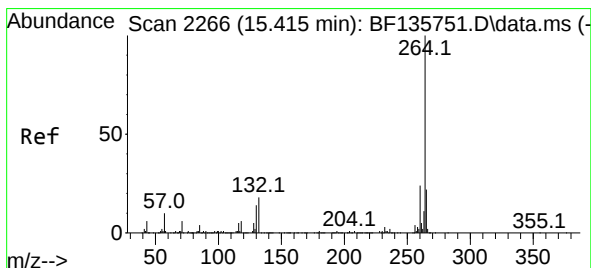
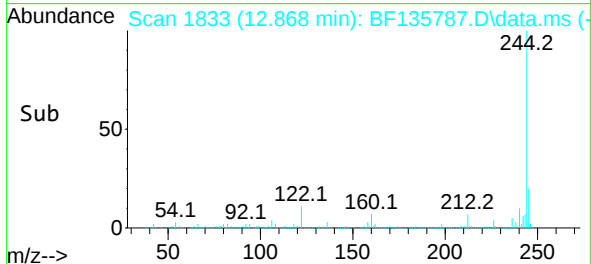
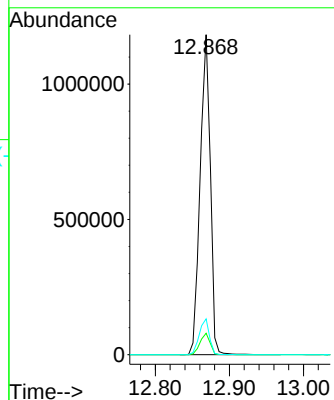
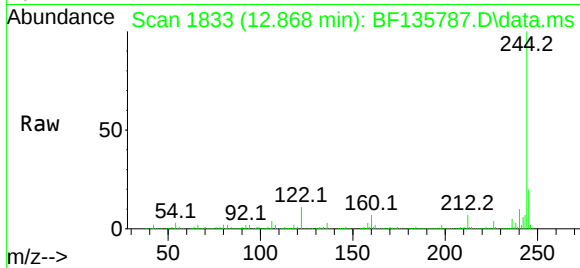




#79
 Terphenyl-d14
 Concen: 117.527 ng
 RT: 12.868 min Scan# 11
 Delta R.T. -0.012 min
 Lab File: BF135787.D
 Acq: 16 Oct 2023 20:52

Instrument :
 BNA_F
 ClientSampleId :
 MW-101I

Tgt Ion:244 Resp: 1126340
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.6 8.4
 122 11.2 9.0 13.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.409 min Scan# 2265
 Delta R.T. -0.012 min
 Lab File: BF135787.D
 Acq: 16 Oct 2023 20:52

Tgt Ion:264 Resp: 204811
 Ion Ratio Lower Upper
 264 100
 260 22.1 19.2 28.8
 265 21.3 17.4 26.2

