

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101723\
 Data File : BF135812.D
 Acq On : 17 Oct 2023 15:09
 Operator : CG\JU
 Sample : 04724-02
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-2A

Quant Time: Oct 18 01:38:00 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	82658	20.000	ng	-0.01
21) Naphthalene-d8	8.016	136	276750	20.000	ng	0.00
39) Acenaphthene-d10	9.774	164	131657	20.000	ng	-0.01
64) Phenanthrene-d10	11.268	188	233774	20.000	ng	-0.01
76) Chrysene-d12	13.933	240	171177	20.000	ng	-0.02
86) Perylene-d12	15.409	264	168593	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.375	112	335831	65.321	ng	0.00
7) Phenol-d6	6.392	99	248918	38.804	ng	0.00
23) Nitrobenzene-d5	7.304	82	551906	109.682	ng	-0.01
42) 2,4,6-Tribromophenol	10.574	330	189419	149.933	ng	-0.01
45) 2-Fluorobiphenyl	9.092	172	917071	108.908	ng	-0.01
79) Terphenyl-d14	12.868	244	883453	95.578	ng	-0.01

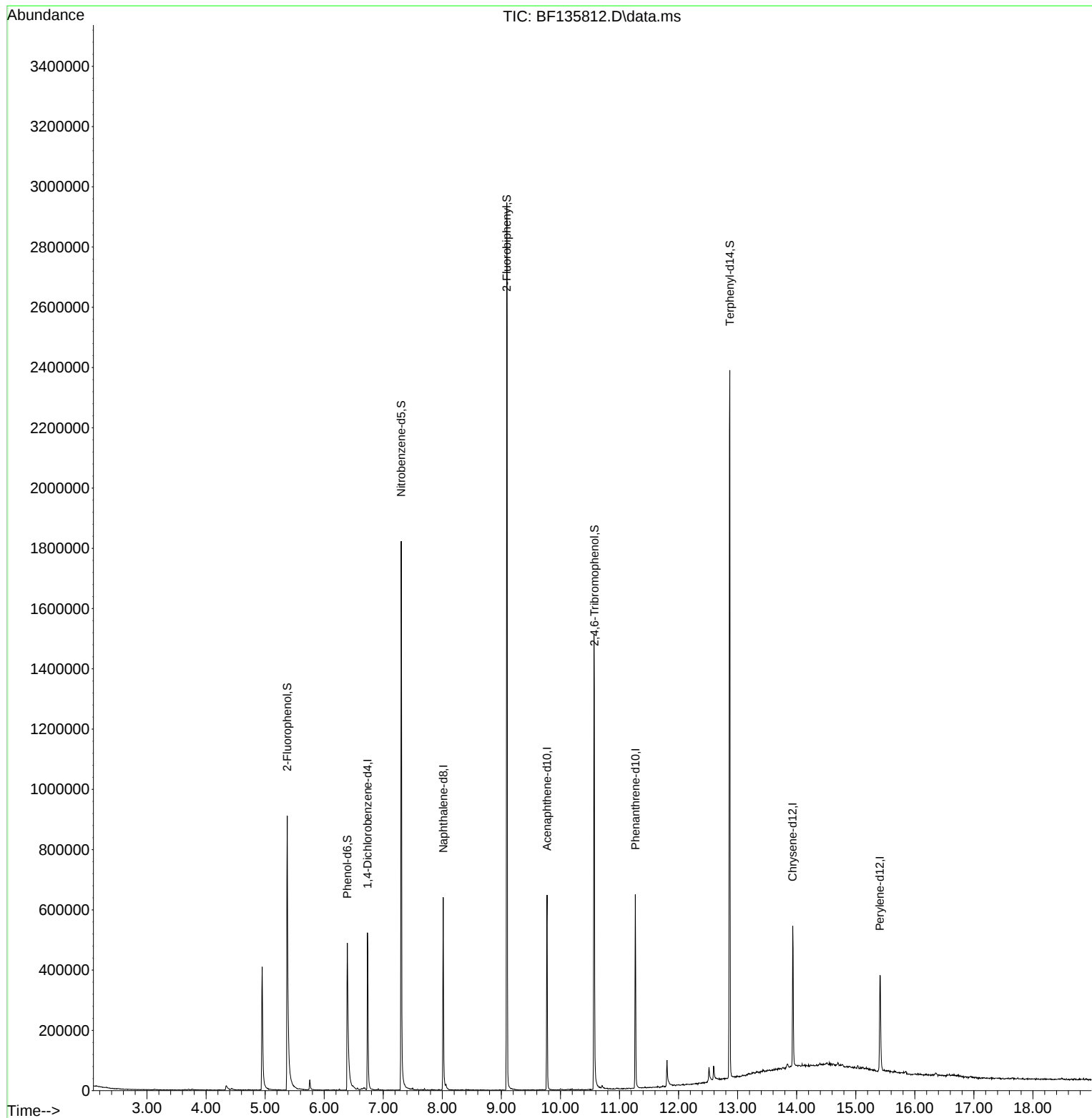
Target Compounds	Qvalue

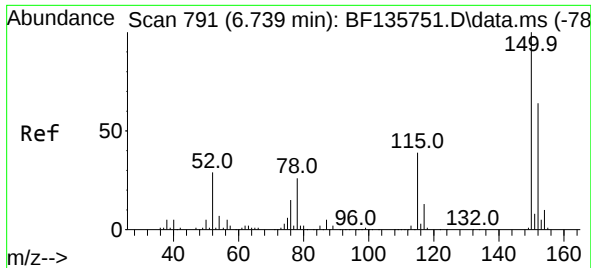
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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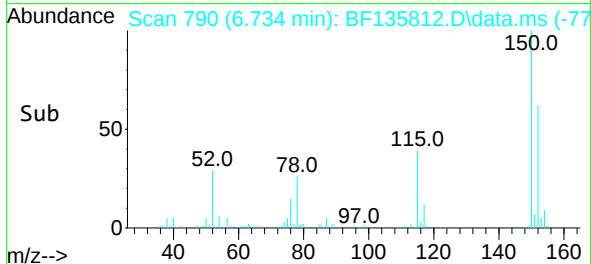
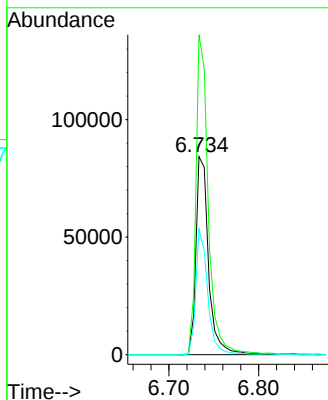
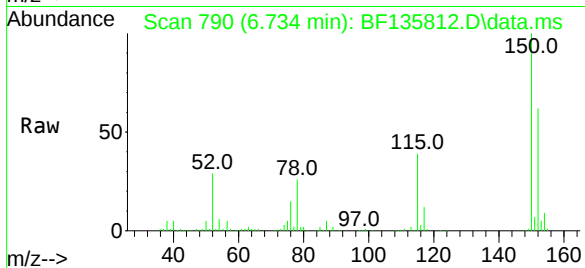




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.734 min Scan# 791
 Delta R.T. -0.013 min
 Lab File: BF135812.D
 Acq: 17 Oct 2023 15:09

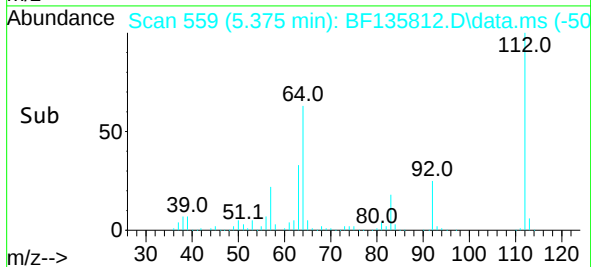
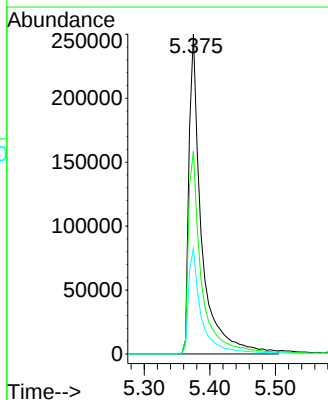
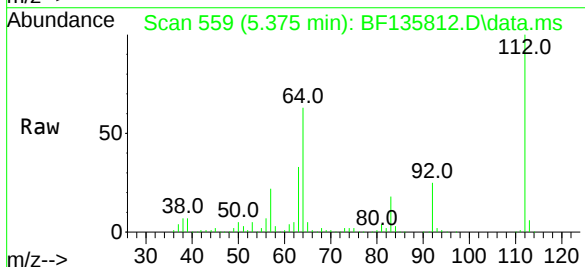
Instrument :
 BNA_F
 ClientSampleId :
 MW-2A

Tgt Ion:152 Resp: 82658
 Ion Ratio Lower Upper
 152 100
 150 161.5 124.5 186.7
 115 63.4 49.0 73.4



#5
 2-Fluorophenol
 Concen: 65.321 ng
 RT: 5.375 min Scan# 559
 Delta R.T. -0.000 min
 Lab File: BF135812.D
 Acq: 17 Oct 2023 15:09

Tgt Ion:112 Resp: 335831
 Ion Ratio Lower Upper
 112 100
 64 63.3 51.2 76.8
 63 33.1 26.1 39.1

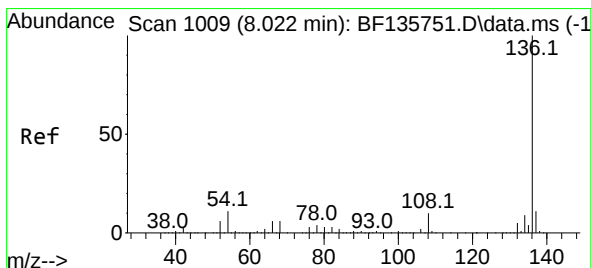
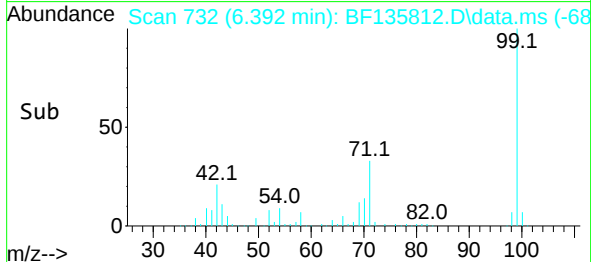
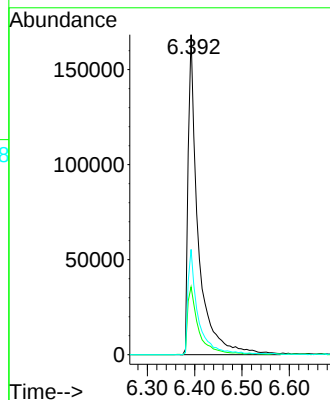
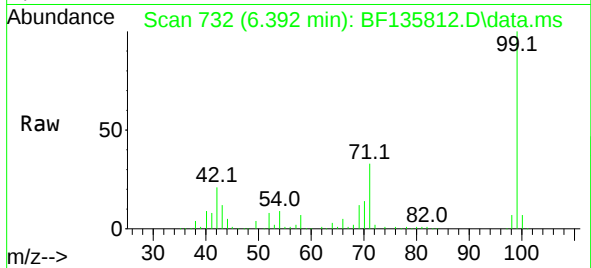




#7
Phenol-d6
Concen: 38.804 ng
RT: 6.392 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF135812.D
Acq: 17 Oct 2023 15:09

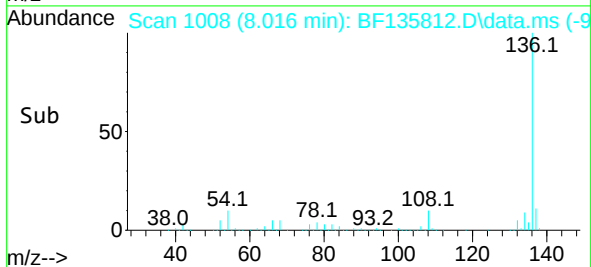
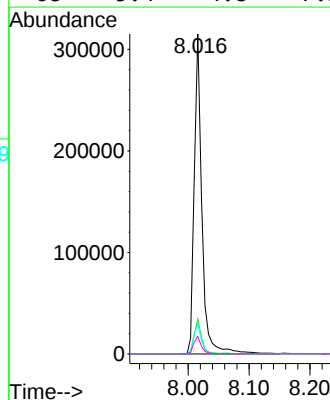
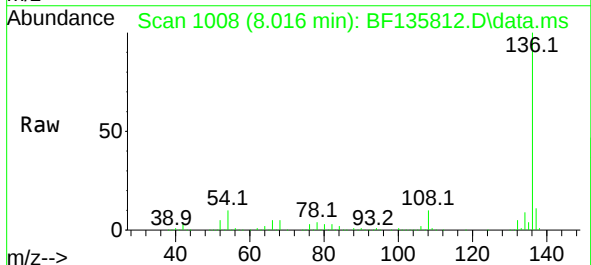
Instrument :
BNA_F
ClientSampleId :
MW-2A

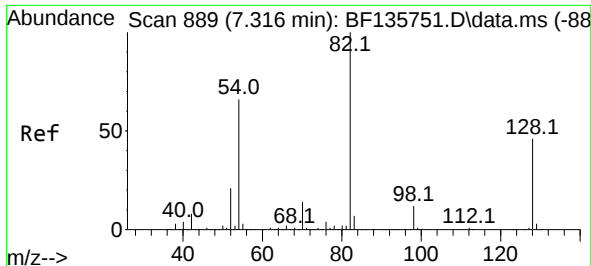
Tgt Ion: 99 Resp: 248918
Ion Ratio Lower Upper
99 100
42 21.2 18.4 27.6
71 32.9 27.2 40.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.016 min Scan# 1008
Delta R.T. -0.006 min
Lab File: BF135812.D
Acq: 17 Oct 2023 15:09

Tgt Ion: 136 Resp: 276750
Ion Ratio Lower Upper
136 100
137 10.9 8.6 12.8
54 9.5 8.5 12.7
68 5.4 4.8 7.2

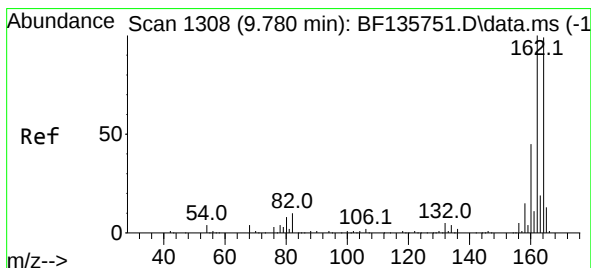
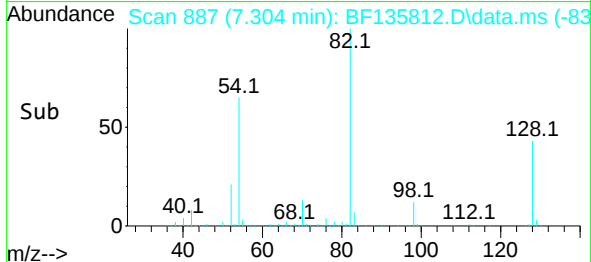
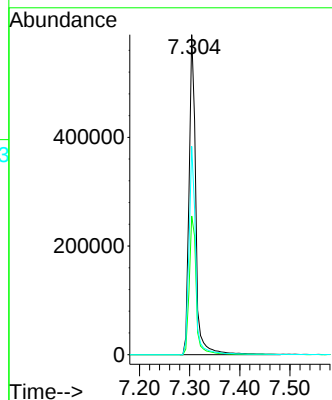
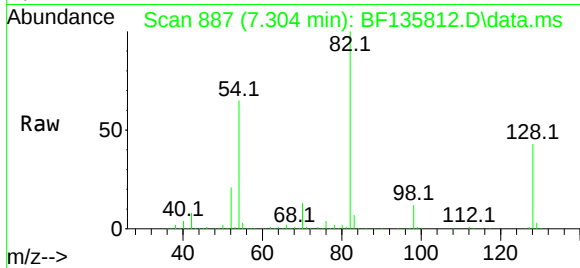




#23
 Nitrobenzene-d5
 Concen: 109.682 ng
 RT: 7.304 min Scan# 81
 Delta R.T. -0.012 min
 Lab File: BF135812.D
 Acq: 17 Oct 2023 15:09

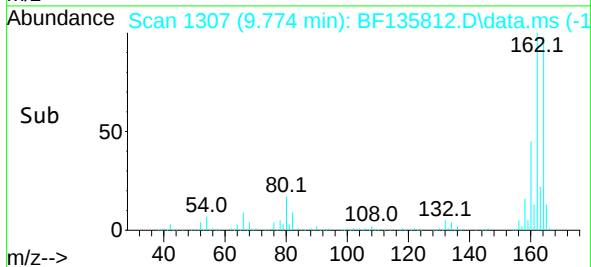
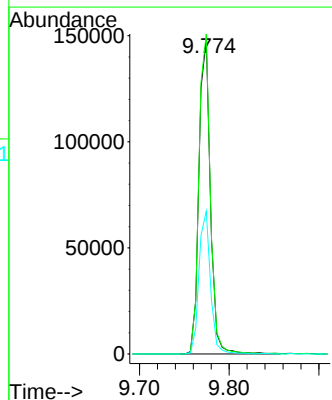
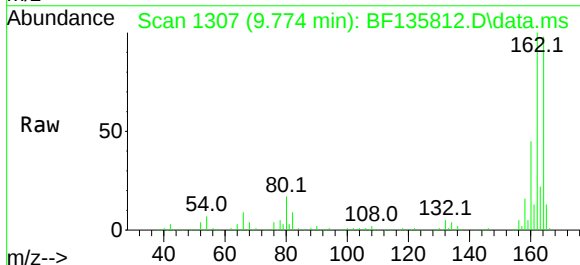
Instrument :
 BNA_F
 ClientSampleId :
 MW-2A

Tgt Ion: 82 Resp: 551906
 Ion Ratio Lower Upper
 82 100
 128 43.4 37.0 55.6
 54 65.1 52.8 79.2



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.774 min Scan# 1307
 Delta R.T. -0.012 min
 Lab File: BF135812.D
 Acq: 17 Oct 2023 15:09

Tgt Ion: 164 Resp: 131657
 Ion Ratio Lower Upper
 164 100
 162 101.6 80.8 121.2
 160 45.3 36.6 54.8





#42

2,4,6-Tribromophenol

Concen: 149.933 ng

RT: 10.574 min Scan# 1443

Delta R.T. -0.012 min

Lab File: BF135812.D

Acq: 17 Oct 2023 15:09

Instrument :

BNA_F

ClientSampleId :

MW-2A

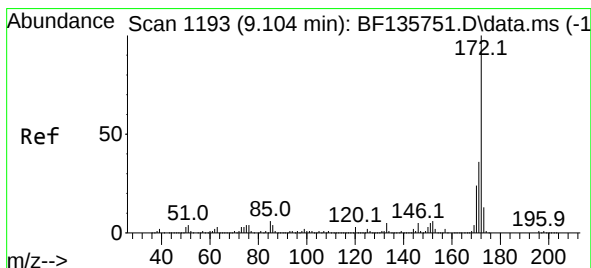
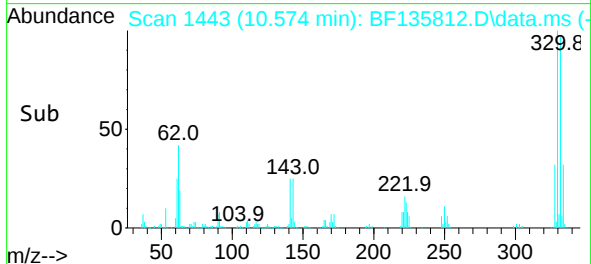
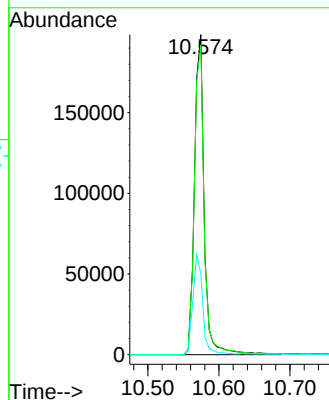
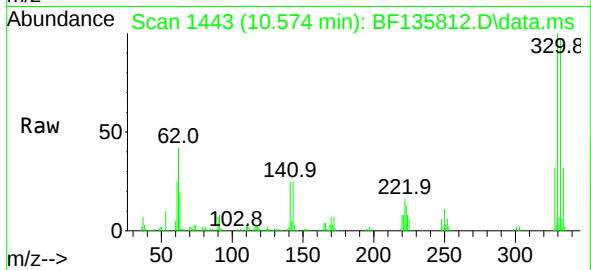
Tgt Ion:330 Resp: 189419

Ion Ratio Lower Upper

330 100

332 97.0 75.0 112.4

141 31.5 25.8 38.6



#45

2-Fluorobiphenyl

Concen: 108.908 ng

RT: 9.092 min Scan# 1191

Delta R.T. -0.012 min

Lab File: BF135812.D

Acq: 17 Oct 2023 15:09

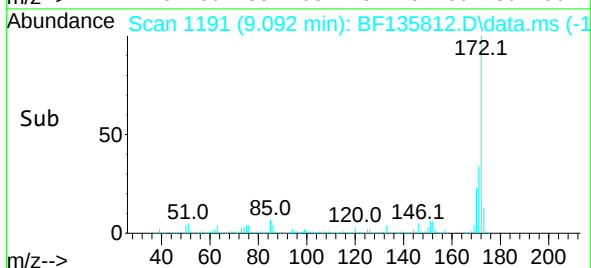
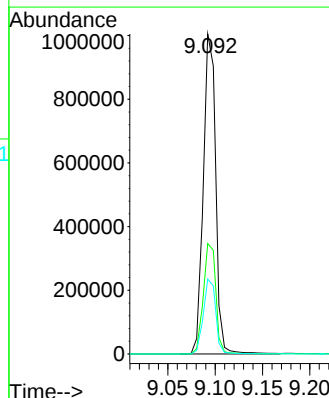
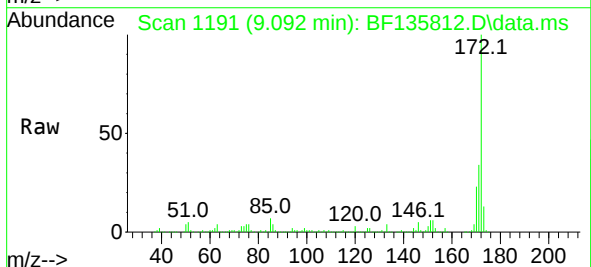
Tgt Ion:172 Resp: 917071

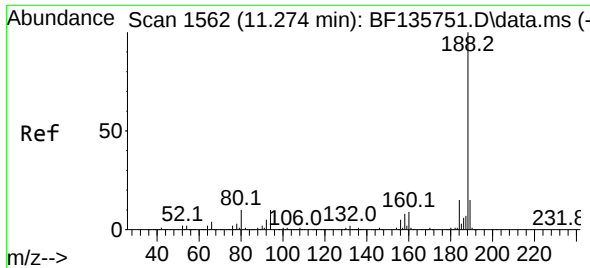
Ion Ratio Lower Upper

172 100

171 34.5 28.4 42.6

170 23.4 18.8 28.2

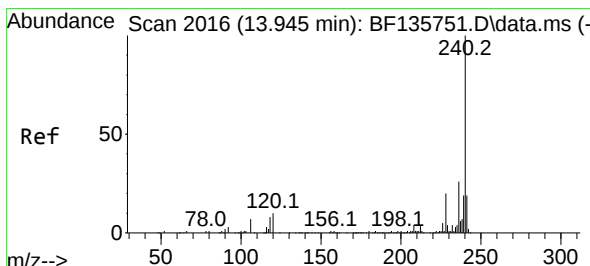
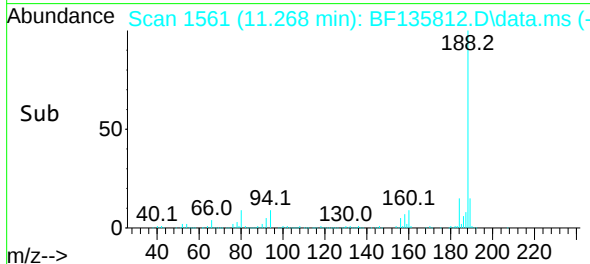
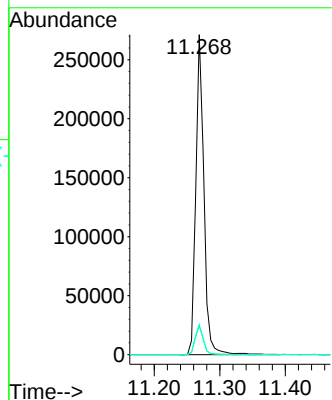
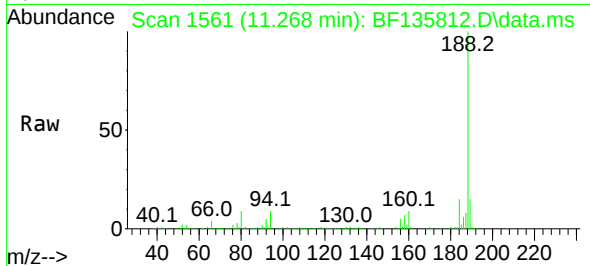




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.268 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF135812.D
Acq: 17 Oct 2023 15:09

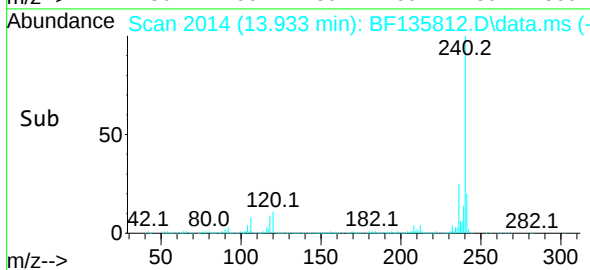
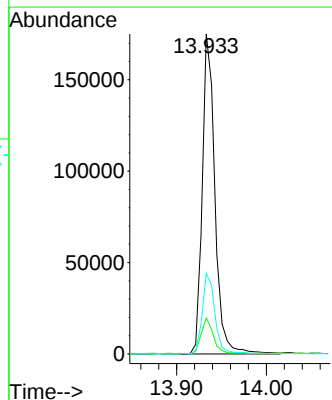
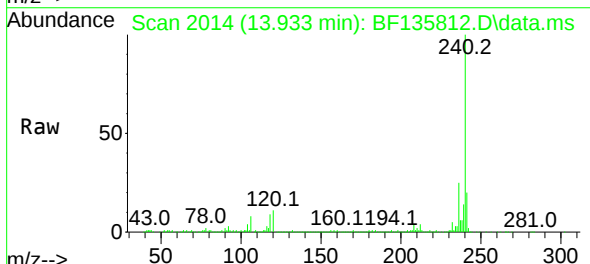
Instrument :
BNA_F
ClientSampleId :
MW-2A

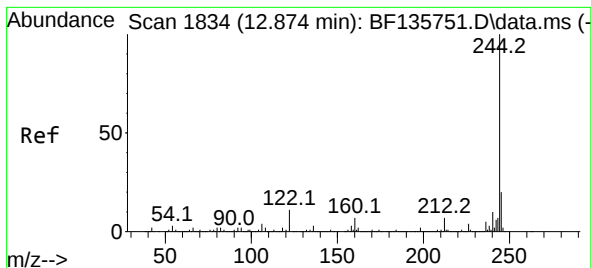
Tgt Ion:188 Resp: 233774
Ion Ratio Lower Upper
188 100
94 9.1 8.0 12.0
80 9.5 8.3 12.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.933 min Scan# 2014
Delta R.T. -0.018 min
Lab File: BF135812.D
Acq: 17 Oct 2023 15:09

Tgt Ion:240 Resp: 171177
Ion Ratio Lower Upper
240 100
120 11.3 8.2 12.2
236 25.1 21.2 31.8





#79

Terphenyl-d14

Concen: 95.578 ng

RT: 12.868 min Scan# 1833

Delta R.T. -0.012 min

Lab File: BF135812.D

Acq: 17 Oct 2023 15:09

Instrument :

BNA_F

ClientSampleId :

MW-2A

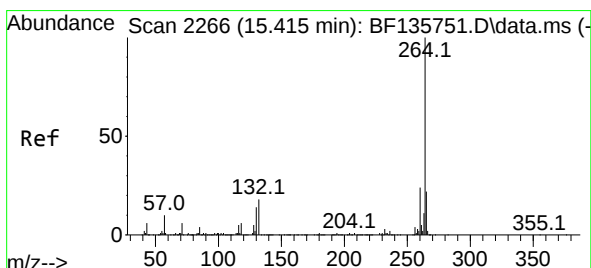
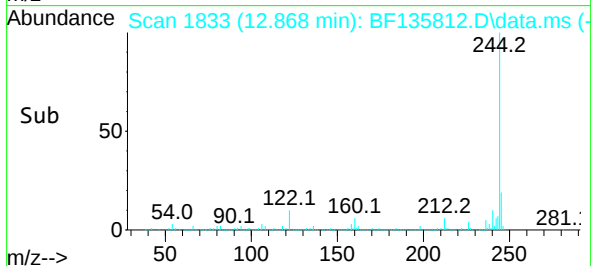
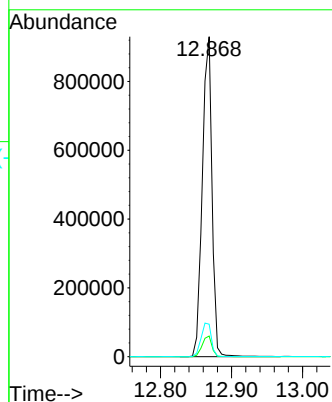
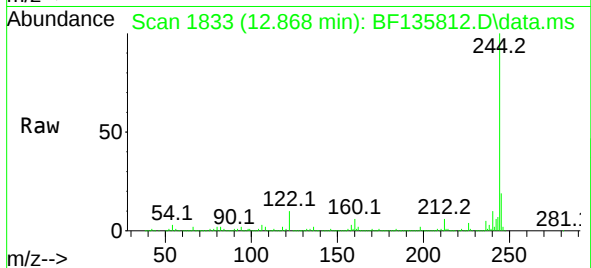
Tgt Ion:244 Resp: 883453

Ion Ratio Lower Upper

244 100

212 6.4 5.6 8.4

122 10.2 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: BF135812.D

Acq: 17 Oct 2023 15:09

Tgt Ion:264 Resp: 168593

Ion Ratio Lower Upper

264 100

260 22.4 19.2 28.8

265 20.9 17.4 26.2

