

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101123\
 Data File : BF135713.D
 Acq On : 11 Oct 2023 15:10
 Operator : CG\JU
 Sample : 04656-15
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-105S

Quant Time: Oct 12 00:48:02 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	94617	20.000	ng	0.00
21) Naphthalene-d8	8.016	136	331765	20.000	ng	0.00
39) Acenaphthene-d10	9.774	164	182885	20.000	ng	0.00
64) Phenanthrene-d10	11.269	188	321510	20.000	ng	0.00
76) Chrysene-d12	13.933	240	172671	20.000	ng	0.00
86) Perylene-d12	15.409	264	217571	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.375	112	352746	60.636	ng	0.00
7) Phenol-d6	6.386	99	295065	39.889	ng	0.00
23) Nitrobenzene-d5	7.310	82	615135	100.734	ng	0.00
42) 2,4,6-Tribromophenol	10.574	330	230997	127.101	ng	0.00
45) 2-Fluorobiphenyl	9.098	172	1068605	88.155	ng	0.00
79) Terphenyl-d14	12.868	244	913311	81.994	ng	0.00

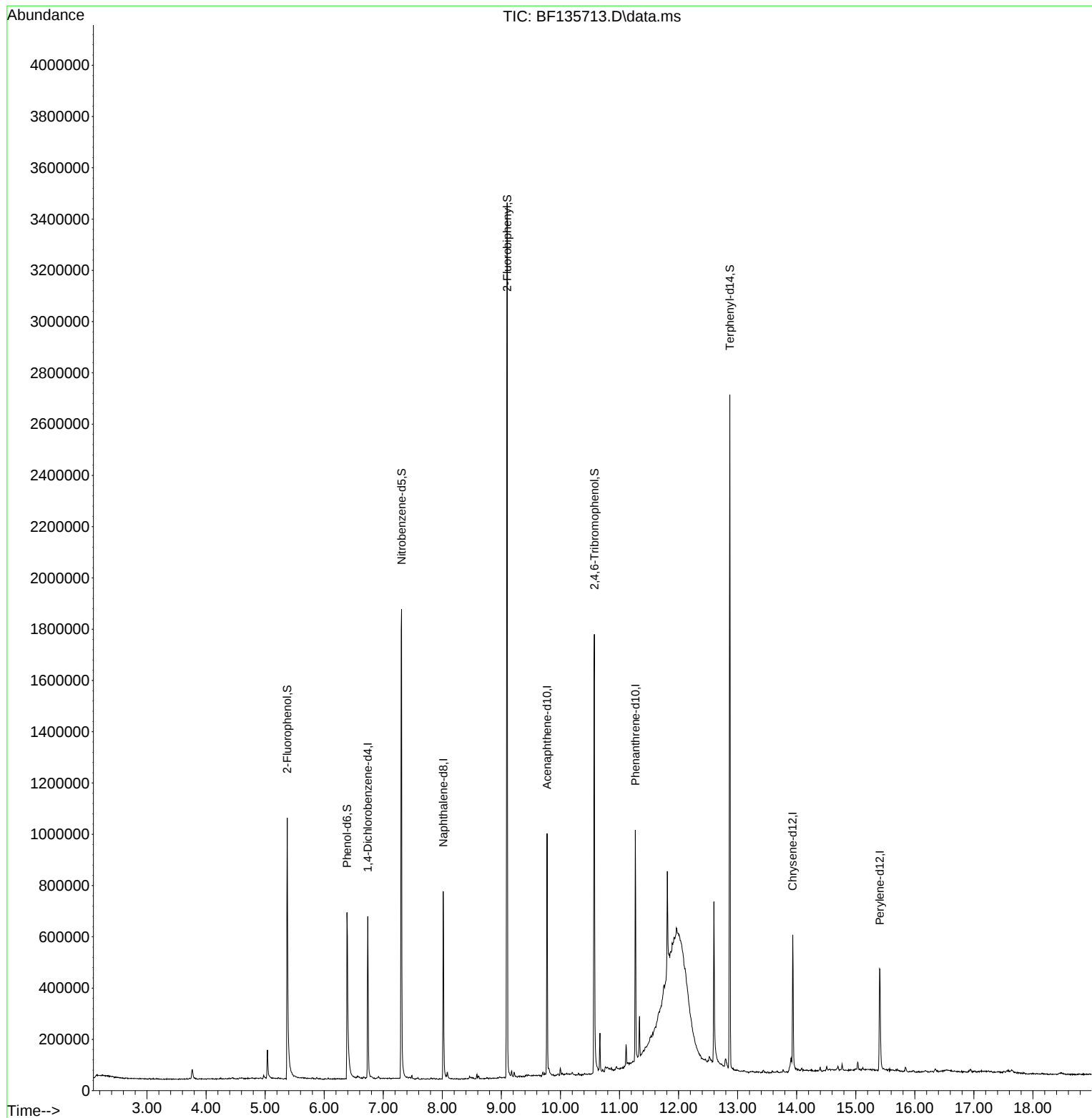
Target Compounds	Qvalue

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

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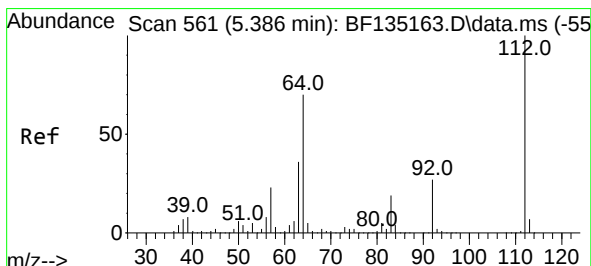
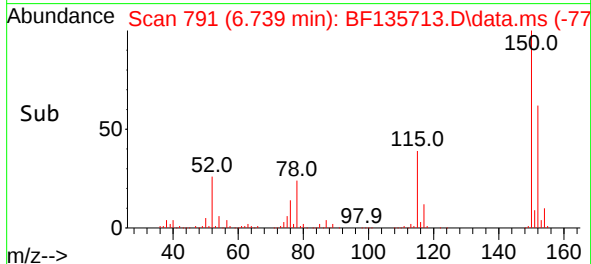
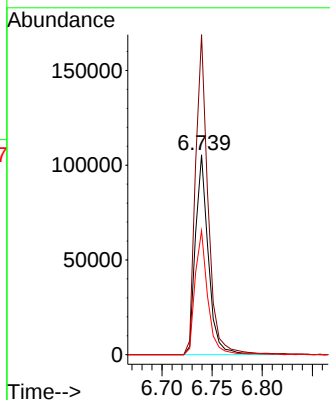
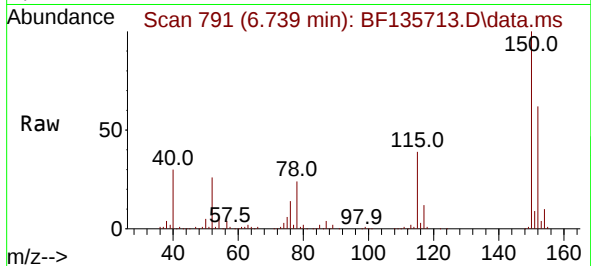




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.739 min Scan# 795
Delta R.T. 0.000 min
Lab File: BF135713.D
Acq: 11 Oct 2023 15:10

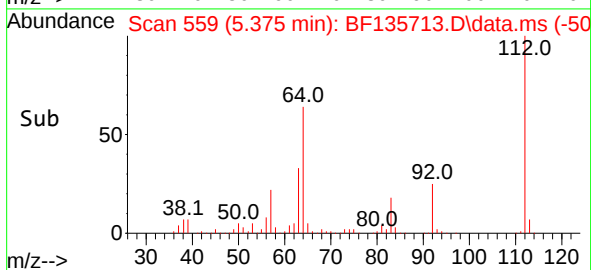
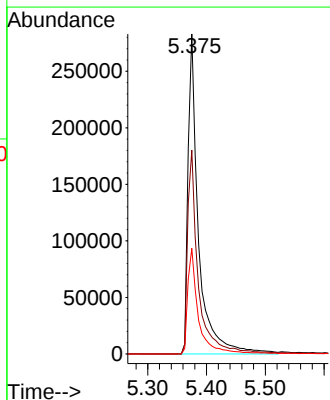
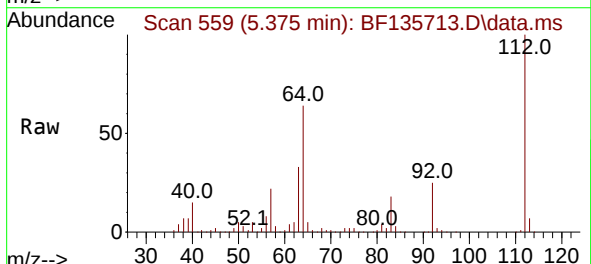
Instrument :
BNA_F
ClientSampleId :
MW-105S

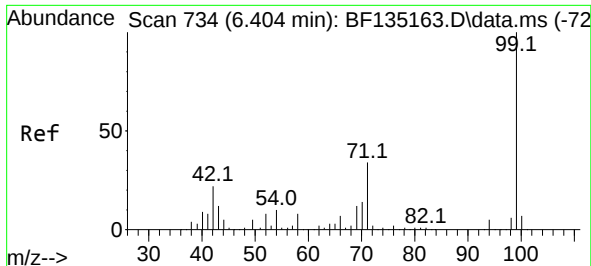
Tgt Ion:152 Resp: 94617
Ion Ratio Lower Upper
152 100
150 160.1 127.8 191.6
115 62.0 49.8 74.8



#5
2-Fluorophenol
Concen: 60.636 ng
RT: 5.375 min Scan# 559
Delta R.T. 0.006 min
Lab File: BF135713.D
Acq: 11 Oct 2023 15:10

Tgt Ion:112 Resp: 352746
Ion Ratio Lower Upper
112 100
64 63.7 55.9 83.9
63 33.0 29.0 43.6

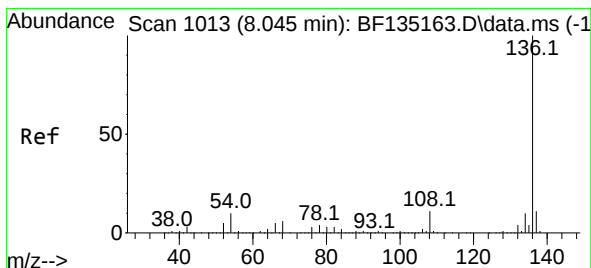
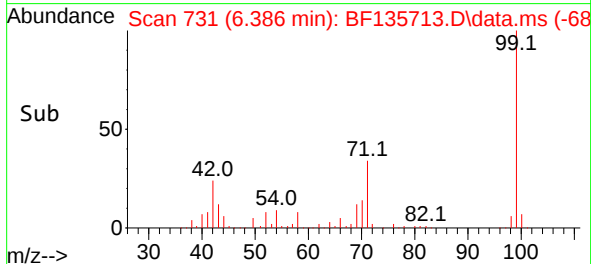
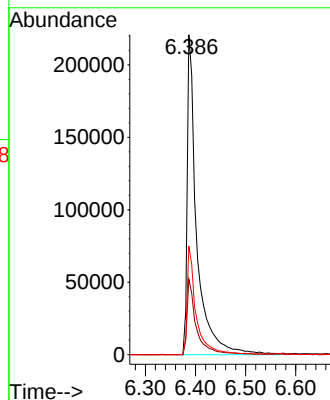
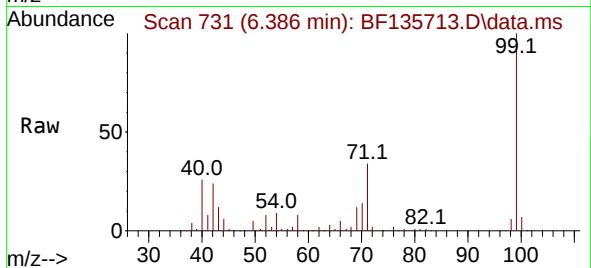




#7
Phenol-d6
Concen: 39.889 ng
RT: 6.386 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF135713.D
Acq: 11 Oct 2023 15:10

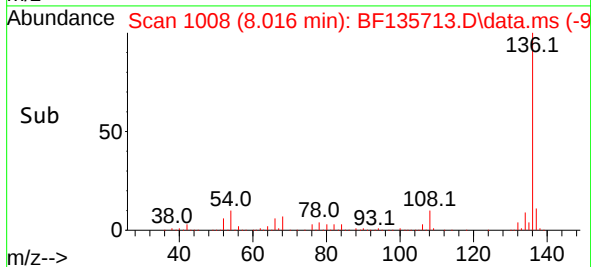
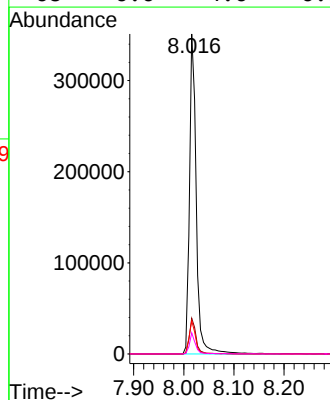
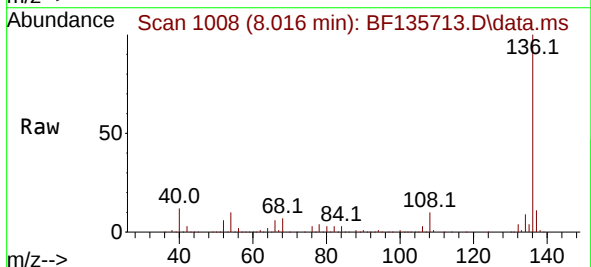
Instrument :
BNA_F
ClientSampleId :
MW-105S

Tgt Ion: 99 Resp: 295065
Ion Ratio Lower Upper
99 100
42 23.6 17.9 26.9
71 33.9 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: BF135713.D
Acq: 11 Oct 2023 15:10

Tgt Ion:136 Resp: 331765
Ion Ratio Lower Upper
136 100
137 11.1 8.8 13.2
54 10.3 7.7 11.5
68 6.6 4.6 6.8





#23

Nitrobenzene-d5

Concen: 100.734 ng

RT: 7.310 min Scan# 81

Delta R.T. -0.000 min

Lab File: BF135713.D

Acq: 11 Oct 2023 15:10

Instrument :

BNA_F

ClientSampleId :

MW-105S

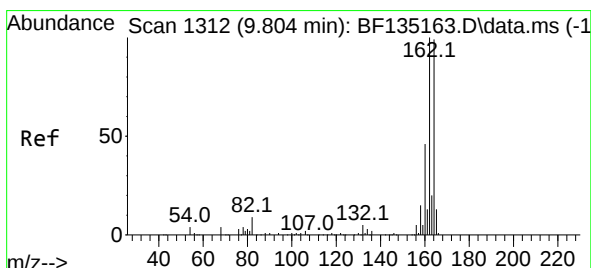
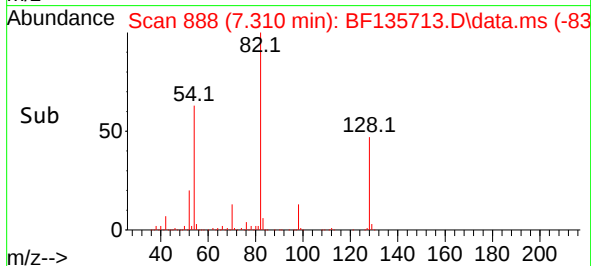
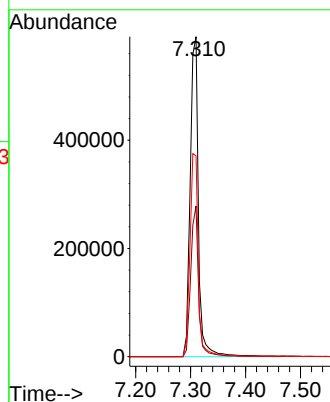
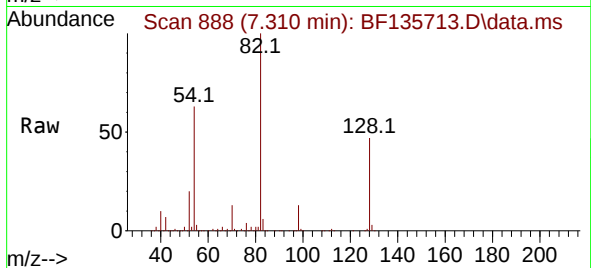
Tgt Ion: 82 Resp: 615135

Ion Ratio Lower Upper

82 100

128 47.1 35.8 53.6

54 62.7 50.6 76.0



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.774 min Scan# 1307

Delta R.T. -0.006 min

Lab File: BF135713.D

Acq: 11 Oct 2023 15:10

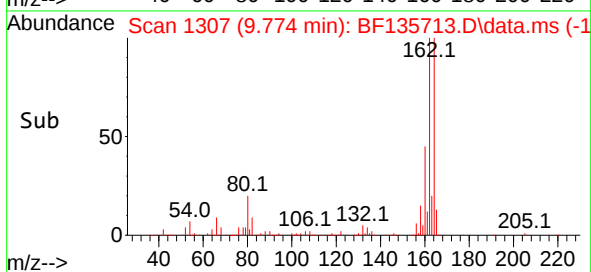
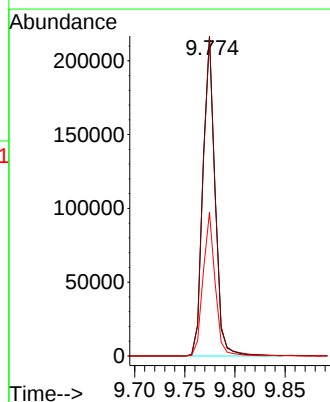
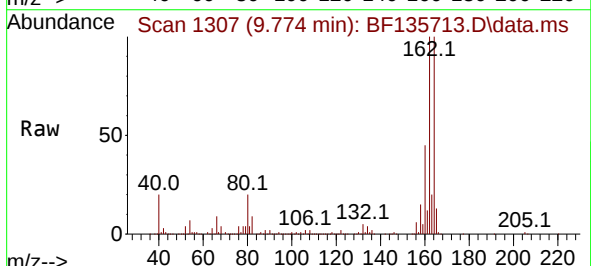
Tgt Ion: 164 Resp: 182885

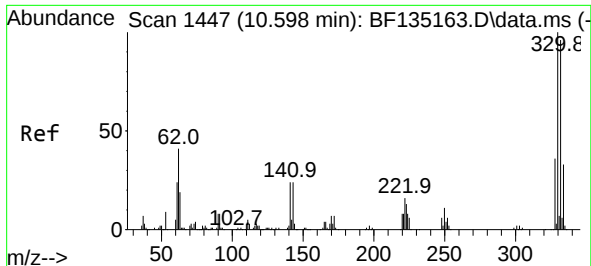
Ion Ratio Lower Upper

164 100

162 99.9 81.0 121.4

160 45.0 37.0 55.4





#42

2,4,6-Tribromophenol

Concen: 127.101 ng

RT: 10.574 min Scan# 1443

Delta R.T. -0.000 min

Lab File: BF135713.D

Acq: 11 Oct 2023 15:10

Instrument :

BNA_F

ClientSampleId :

MW-105S

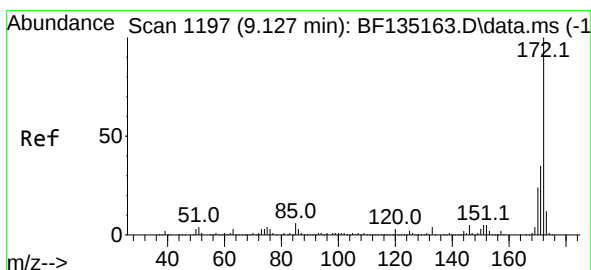
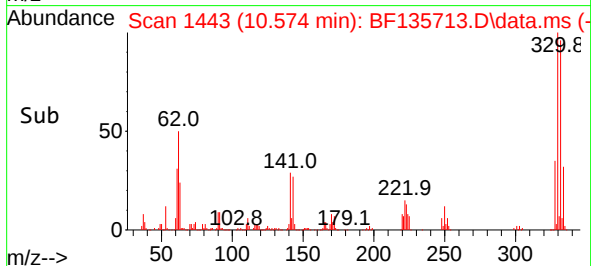
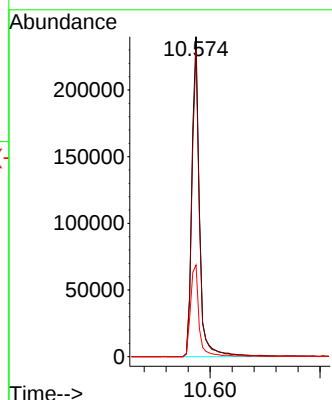
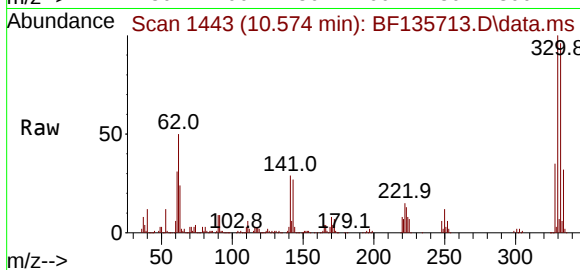
Tgt Ion:330 Resp: 230997

Ion Ratio Lower Upper

330 100

332 95.2 77.3 115.9

141 31.8 25.8 38.8



#45

2-Fluorobiphenyl

Concen: 88.155 ng

RT: 9.098 min Scan# 1192

Delta R.T. -0.000 min

Lab File: BF135713.D

Acq: 11 Oct 2023 15:10

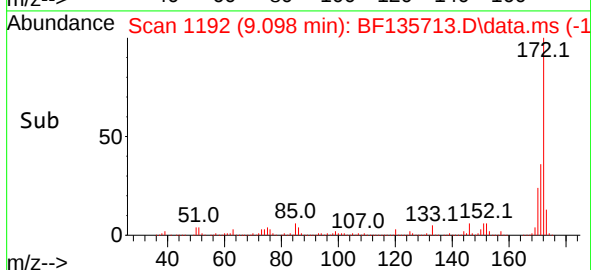
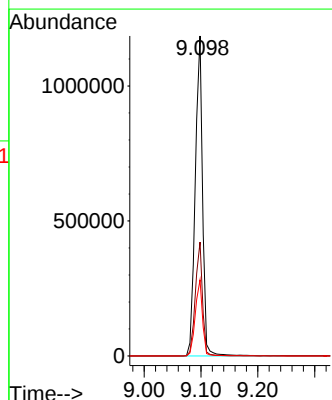
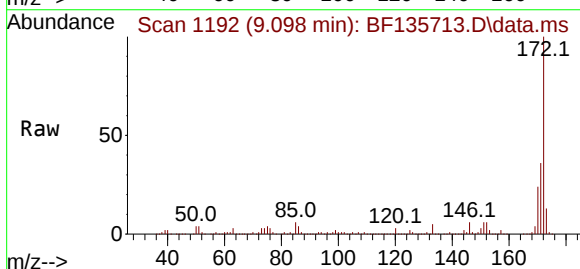
Tgt Ion:172 Resp: 1068605

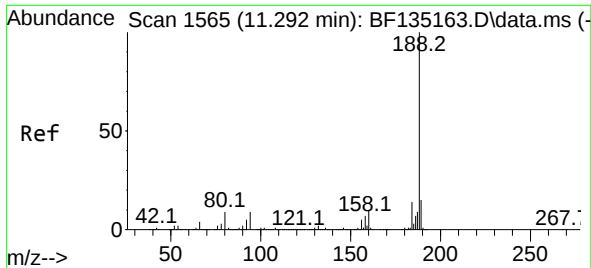
Ion Ratio Lower Upper

172 100

171 35.6 28.4 42.6

170 23.8 19.0 28.4

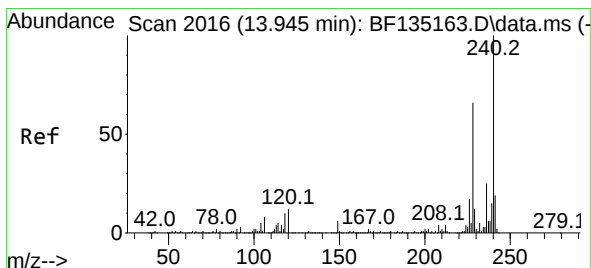
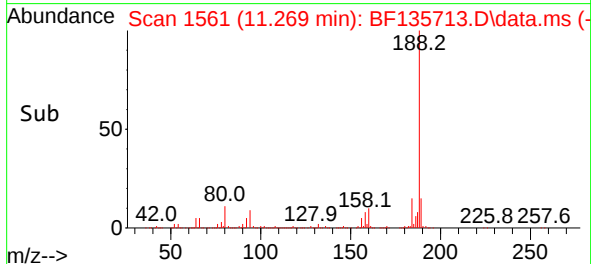
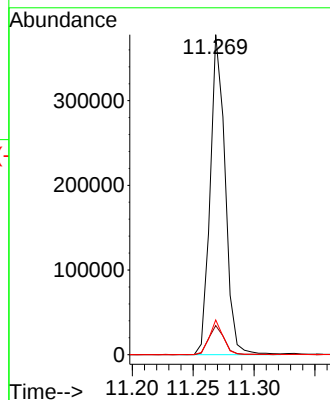
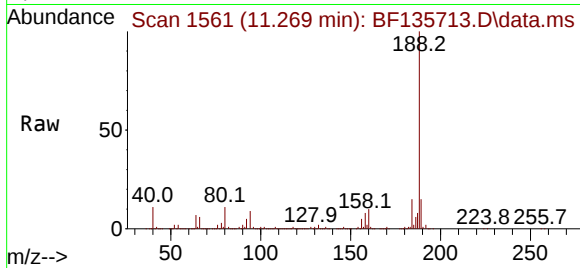




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.269 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF135713.D
Acq: 11 Oct 2023 15:10

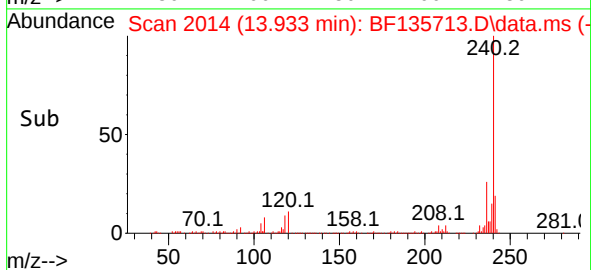
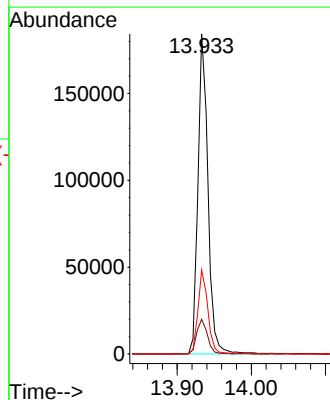
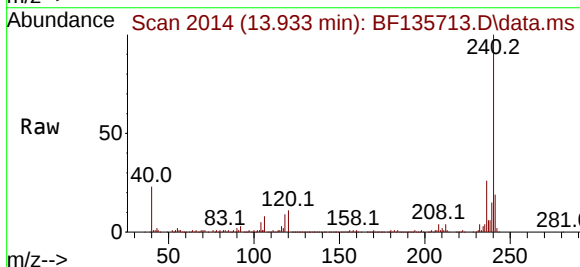
Instrument :
BNA_F
ClientSampleId :
MW-105S

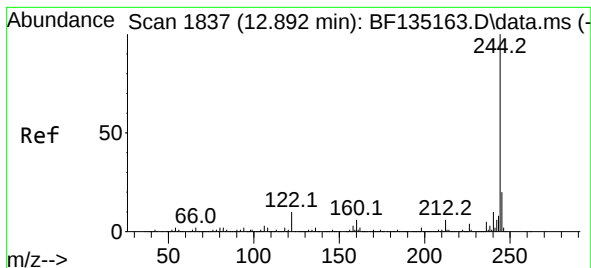
Tgt Ion:188 Resp: 321510
Ion Ratio Lower Upper
188 100
94 9.1 7.0 10.6
80 10.9 7.5 11.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.933 min Scan# 2014
Delta R.T. -0.006 min
Lab File: BF135713.D
Acq: 11 Oct 2023 15:10

Tgt Ion:240 Resp: 172671
Ion Ratio Lower Upper
240 100
120 10.9 9.4 14.2
236 26.2 19.8 29.8





#79

Terphenyl-d14

Concen: 81.994 ng

RT: 12.868 min Scan# 1833

Delta R.T. -0.000 min

Lab File: BF135713.D

Acq: 11 Oct 2023 15:10

Instrument :

BNA_F

ClientSampleId :

MW-105S

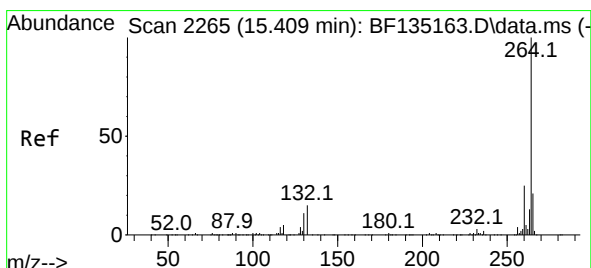
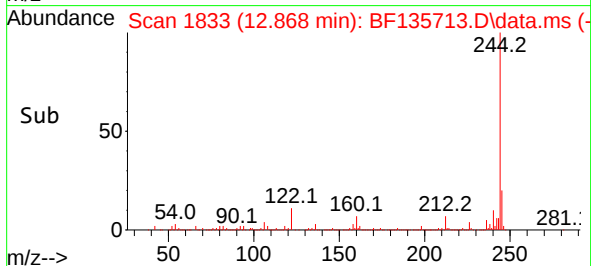
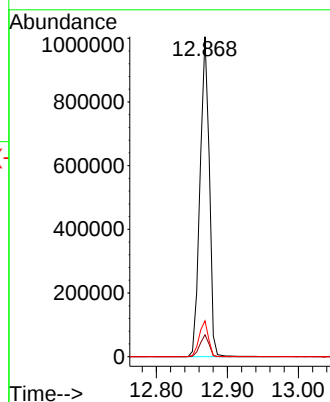
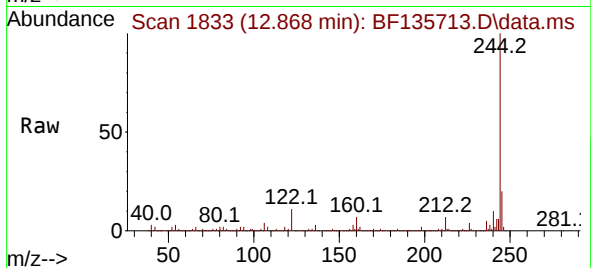
Tgt Ion:244 Resp: 913311

Ion Ratio Lower Upper

244 100

212 6.8 5.1 7.7

122 11.2 7.9 11.9



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.409 min Scan# 2265

Delta R.T. 0.006 min

Lab File: BF135713.D

Acq: 11 Oct 2023 15:10

Tgt Ion:264 Resp: 217571

Ion Ratio Lower Upper

264 100

260 22.5 19.8 29.6

265 20.4 17.0 25.4

