

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101823\
 Data File : BF135876.D
 Acq On : 19 Oct 2023 06:00
 Operator : CG\JU
 Sample : 04740-05
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW4

Quant Time: Oct 19 06:20:41 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)

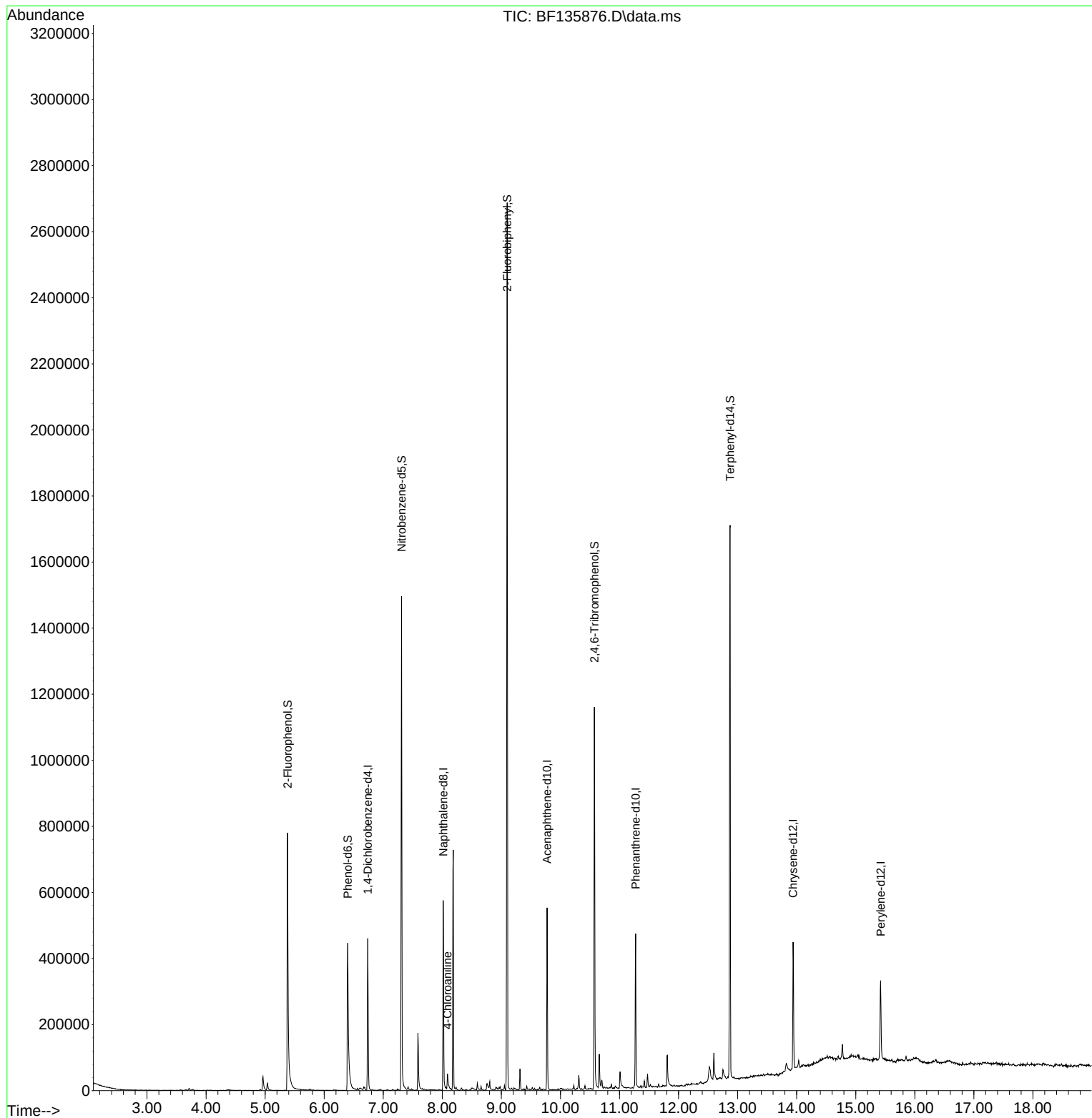
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.739	152	68189	20.000	ng	0.00
21) Naphthalene-d8	8.016	136	233228	20.000	ng	0.00
39) Acenaphthene-d10	9.775	164	100298	20.000	ng	-0.01
64) Phenanthrene-d10	11.274	188	167504	20.000	ng	0.00
76) Chrysene-d12	13.939	240	134555	20.000	ng	-0.01
86) Perylene-d12	15.421	264	112657	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.381	112	264981	62.477	ng	0.00
7) Phenol-d6	6.398	99	204739	38.689	ng	0.00
23) Nitrobenzene-d5	7.310	82	434011	102.347	ng	0.00
42) 2,4,6-Tribromophenol	10.575	330	137389	142.751	ng	-0.01
45) 2-Fluorobiphenyl	9.098	172	768677	119.826	ng	0.00
79) Terphenyl-d14	12.874	244	655299	90.190	ng	0.00
Target Compounds						
33) 4-Chloroaniline	8.086	127	19965	4.018	ng	Qvalue 96

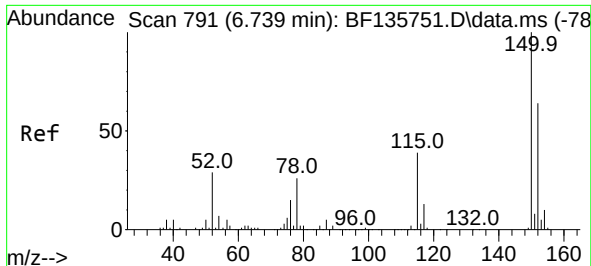
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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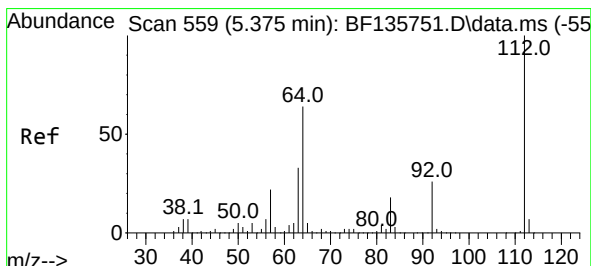
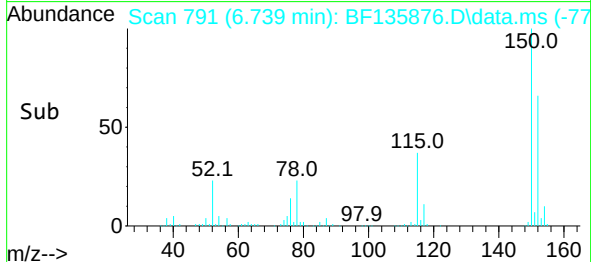
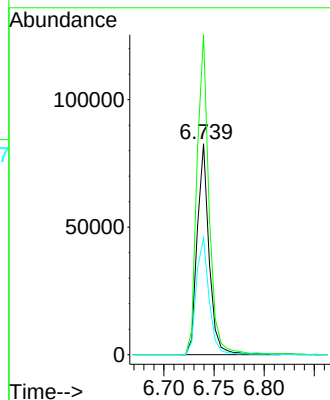
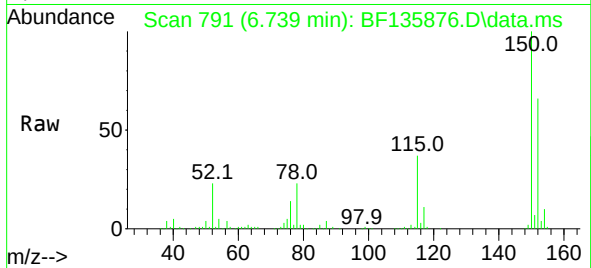




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.739 min Scan# 791
 Delta R.T. -0.007 min
 Lab File: BF135876.D
 Acq: 19 Oct 2023 06:00

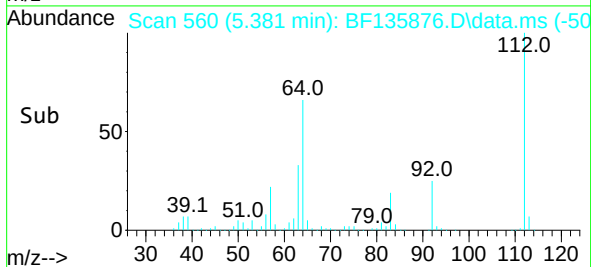
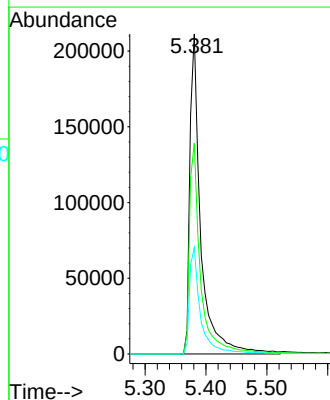
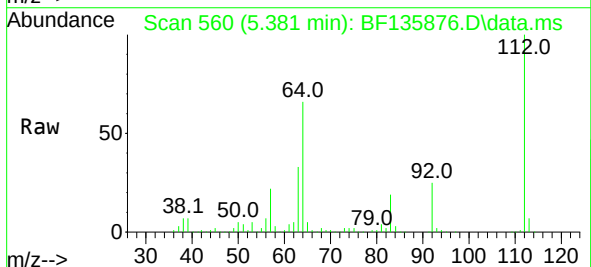
Instrument :
 BNA_F
 ClientSampleId :
 MW4

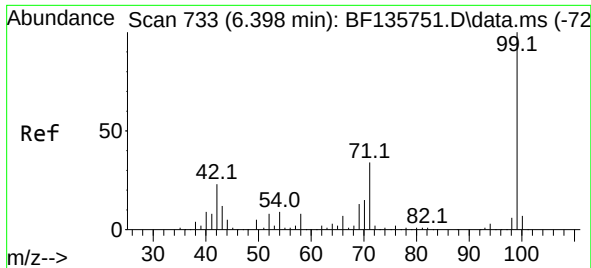
Tgt Ion:152 Resp: 68189
 Ion Ratio Lower Upper
 152 100
 150 151.7 124.5 186.7
 115 55.5 49.0 73.4



#5
 2-Fluorophenol
 Concen: 62.477 ng
 RT: 5.381 min Scan# 560
 Delta R.T. 0.006 min
 Lab File: BF135876.D
 Acq: 19 Oct 2023 06:00

Tgt Ion:112 Resp: 264981
 Ion Ratio Lower Upper
 112 100
 64 65.9 51.2 76.8
 63 33.2 26.1 39.1

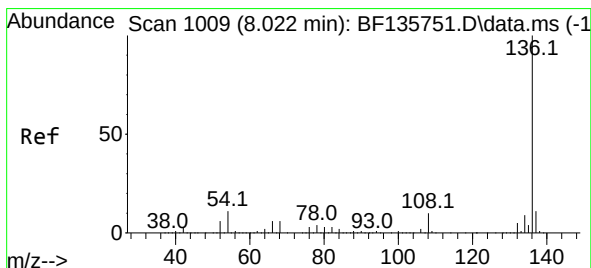
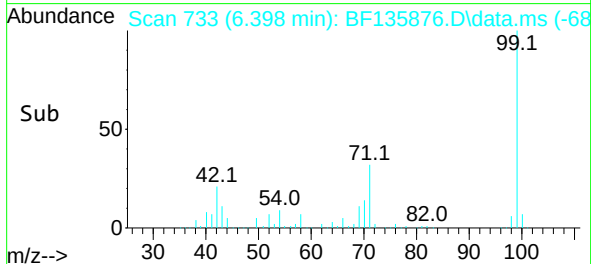
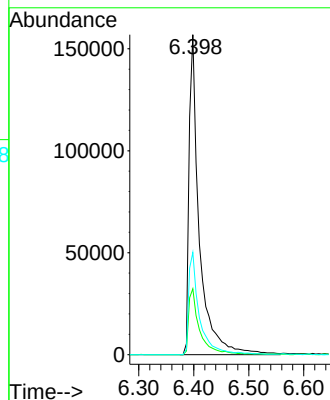
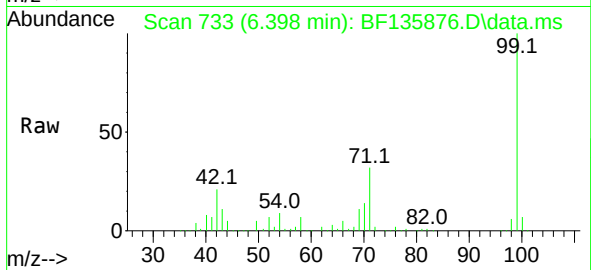




#7
Phenol-d6
Concen: 38.689 ng
RT: 6.398 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF135876.D
Acq: 19 Oct 2023 06:00

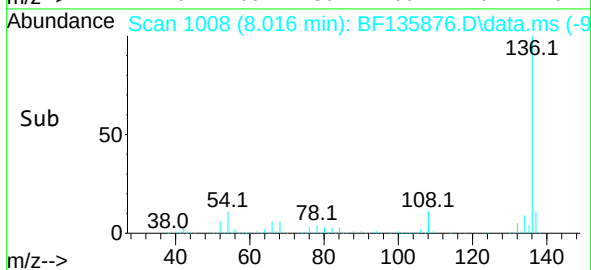
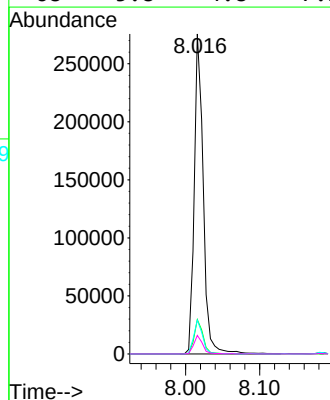
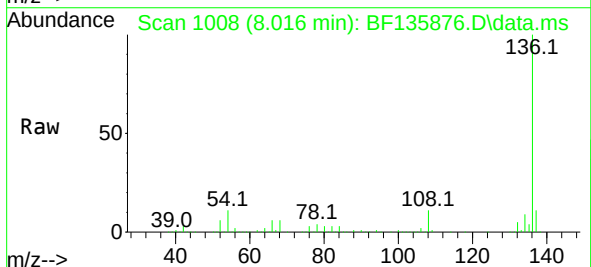
Instrument :
BNA_F
ClientSampleId :
MW4

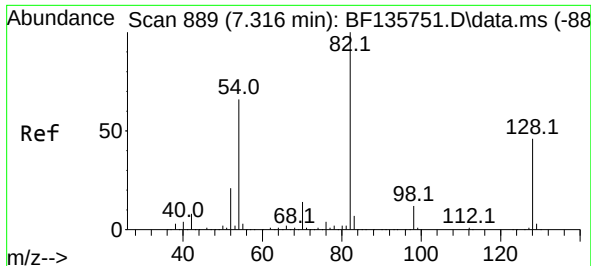
Tgt Ion: 99 Resp: 204739
Ion Ratio Lower Upper
99 100
42 20.6 18.4 27.6
71 31.9 27.2 40.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.016 min Scan# 1008
Delta R.T. -0.006 min
Lab File: BF135876.D
Acq: 19 Oct 2023 06:00

Tgt Ion: 136 Resp: 233228
Ion Ratio Lower Upper
136 100
137 10.7 8.6 12.8
54 10.6 8.5 12.7
68 5.8 4.8 7.2

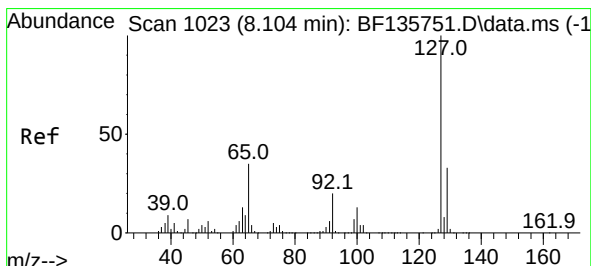
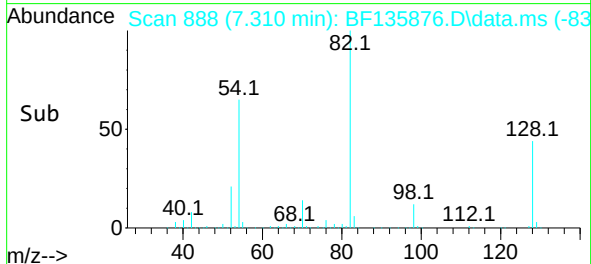
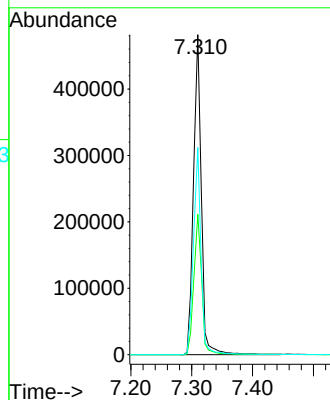
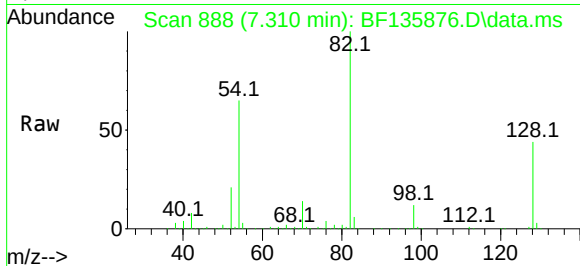




#23
Nitrobenzene-d5
Concen: 102.347 ng
RT: 7.310 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF135876.D
Acq: 19 Oct 2023 06:00

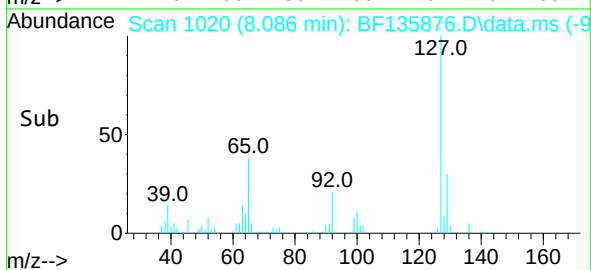
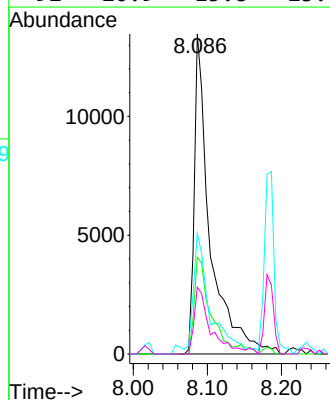
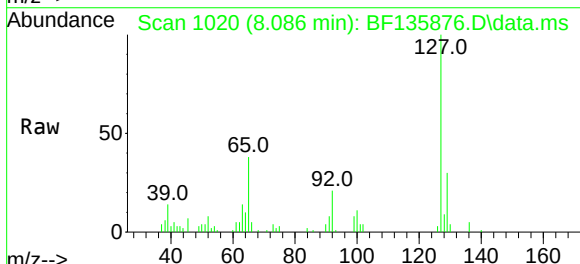
Instrument :
BNA_F
ClientSampleId :
MW4

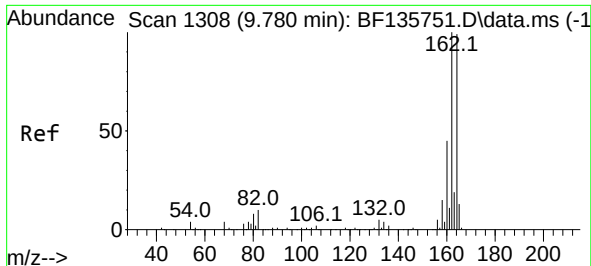
Tgt Ion: 82 Resp: 434011
Ion Ratio Lower Upper
82 100
128 43.9 37.0 55.6
54 64.7 52.8 79.2



#33
4-Chloroaniline
Concen: 4.018 ng
RT: 8.086 min Scan# 1020
Delta R.T. -0.018 min
Lab File: BF135876.D
Acq: 19 Oct 2023 06:00

Tgt Ion: 127 Resp: 19965
Ion Ratio Lower Upper
127 100
129 30.3 26.5 39.7
65 37.8 27.9 41.9
92 20.9 15.8 23.8

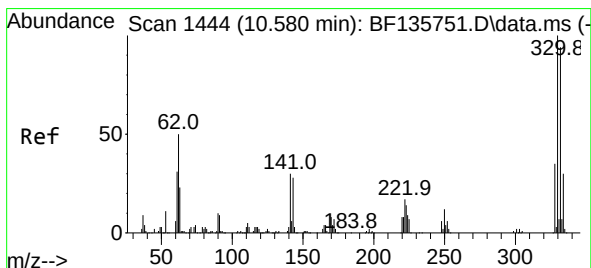
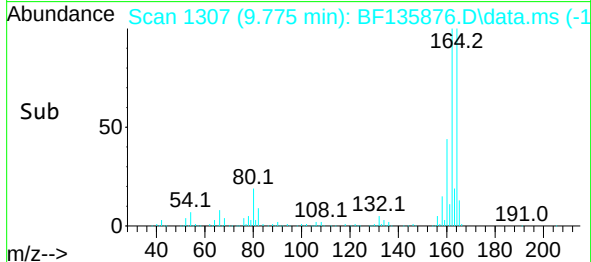
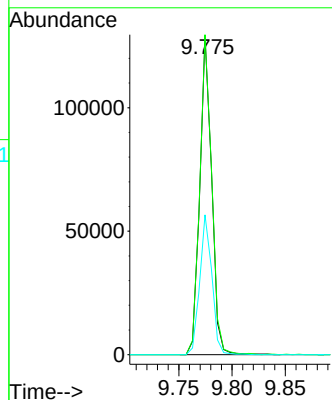
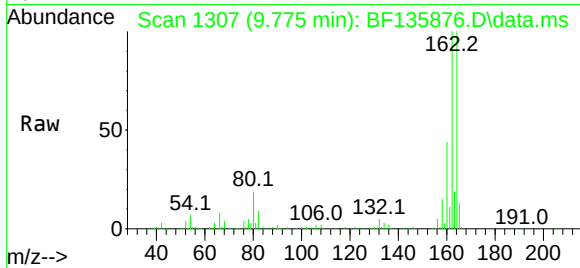




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.775 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF135876.D
Acq: 19 Oct 2023 06:00

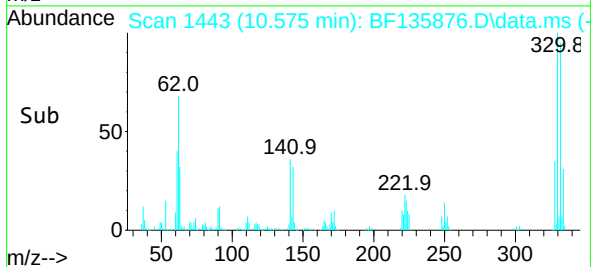
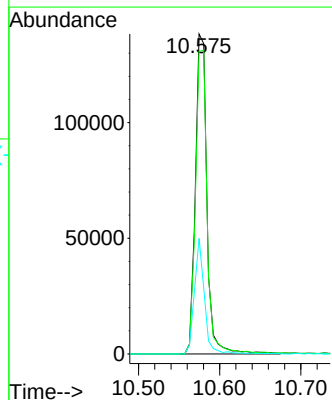
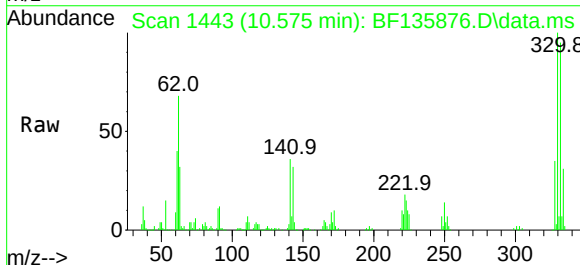
Instrument :
BNA_F
ClientSampleId :
MW4

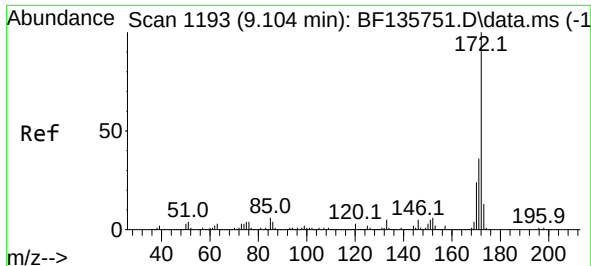
Tgt Ion:164 Resp: 100298
Ion Ratio Lower Upper
164 100
162 100.4 80.8 121.2
160 43.9 36.6 54.8



#42
2,4,6-Tribromophenol
Concen: 142.751 ng
RT: 10.575 min Scan# 1443
Delta R.T. -0.012 min
Lab File: BF135876.D
Acq: 19 Oct 2023 06:00

Tgt Ion:330 Resp: 137389
Ion Ratio Lower Upper
330 100
332 95.8 75.0 112.4
141 31.4 25.8 38.6

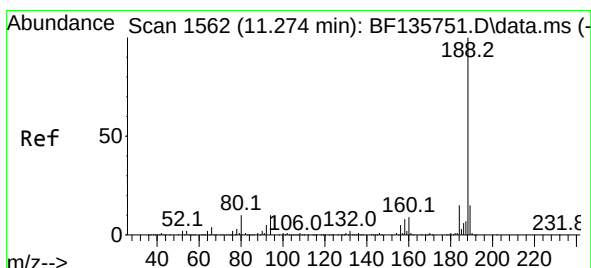
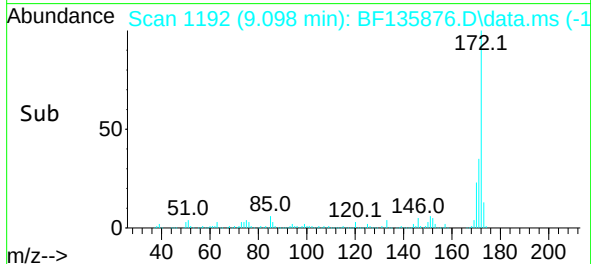
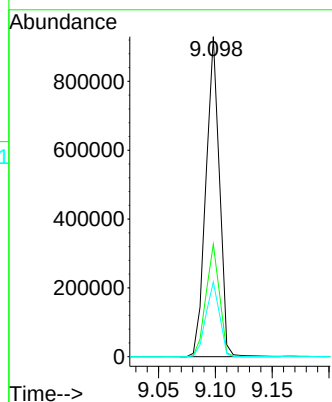
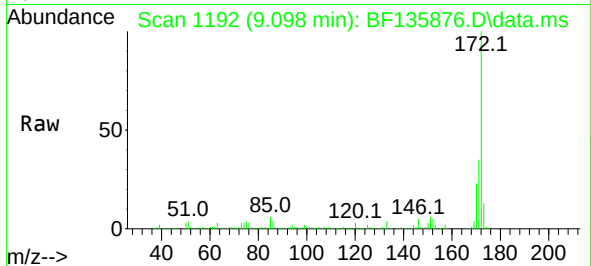




#45
2-Fluorobiphenyl
Concen: 119.826 ng
RT: 9.098 min Scan# 1193
Delta R.T. -0.006 min
Lab File: BF135876.D
Acq: 19 Oct 2023 06:00

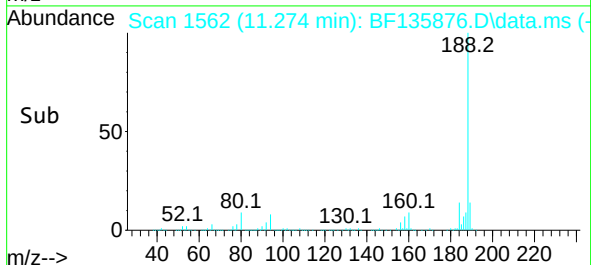
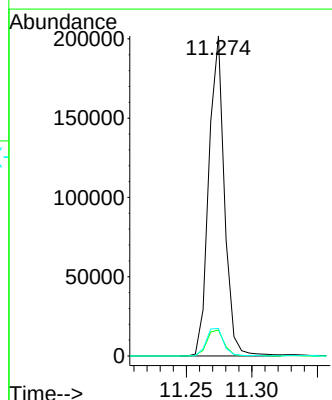
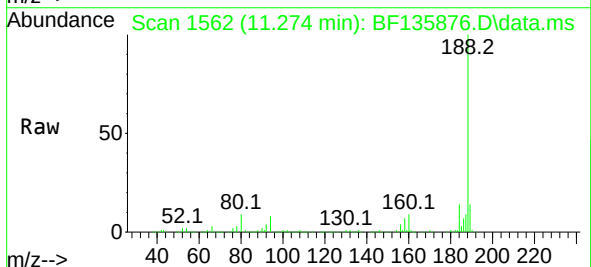
Instrument :
BNA_F
ClientSampleId :
MW4

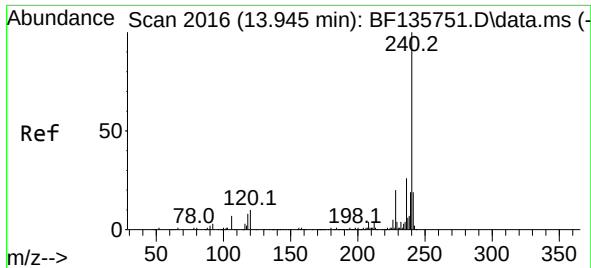
Tgt Ion:172 Resp: 768677
Ion Ratio Lower Upper
172 100
171 35.1 28.4 42.6
170 23.4 18.8 28.2



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.274 min Scan# 1562
Delta R.T. -0.006 min
Lab File: BF135876.D
Acq: 19 Oct 2023 06:00

Tgt Ion:188 Resp: 167504
Ion Ratio Lower Upper
188 100
94 8.1 8.0 12.0
80 8.6 8.3 12.5

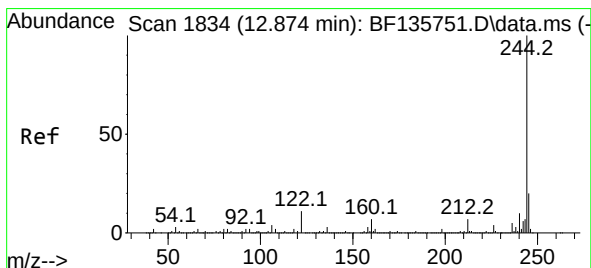
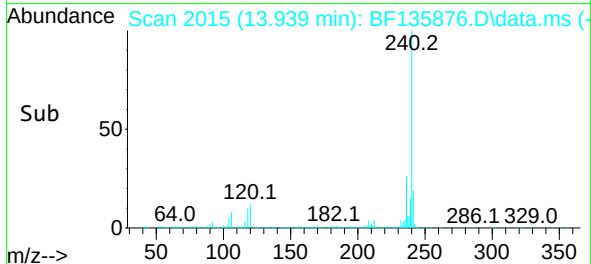
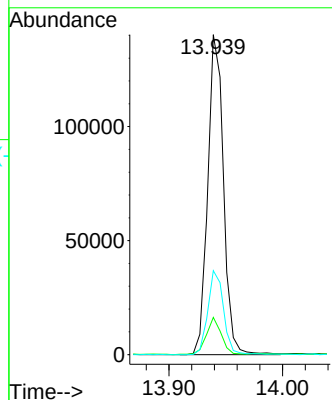
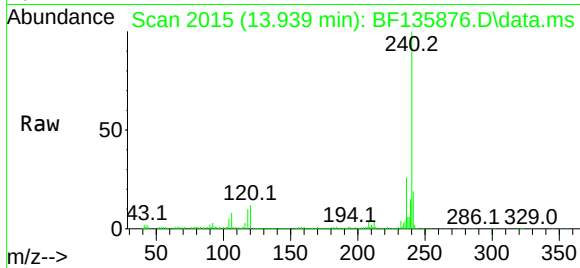




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.939 min Scan# 2016
Delta R.T. -0.012 min
Lab File: BF135876.D
Acq: 19 Oct 2023 06:00

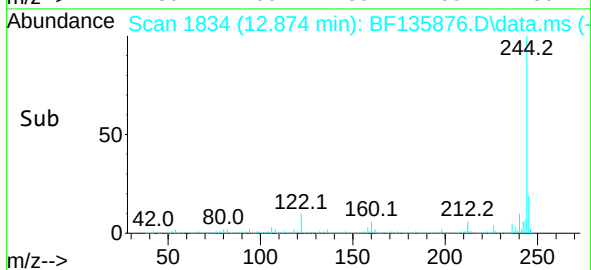
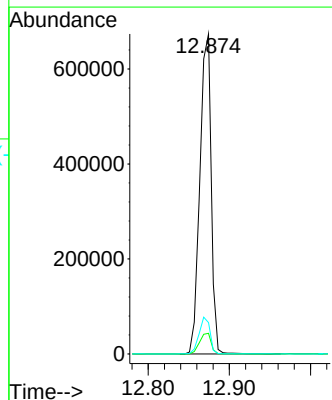
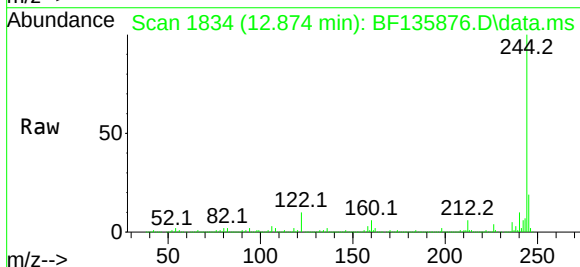
Instrument :
BNA_F
ClientSampleId :
MW4

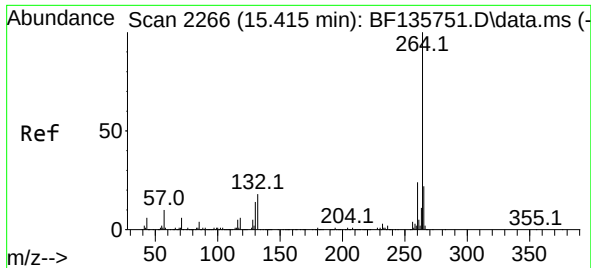
Tgt Ion:240 Resp: 134555
Ion Ratio Lower Upper
240 100
120 11.7 8.2 12.2
236 26.3 21.2 31.8



#79
Terphenyl-d14
Concen: 90.190 ng
RT: 12.874 min Scan# 1834
Delta R.T. -0.006 min
Lab File: BF135876.D
Acq: 19 Oct 2023 06:00

Tgt Ion:244 Resp: 655299
Ion Ratio Lower Upper
244 100
212 6.5 5.6 8.4
122 9.8 9.0 13.6





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.421 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BF135876.D
 Acq: 19 Oct 2023 06:00

Instrument :
 BNA_F
 ClientSampleId :
 MW4

Tgt Ion:264 Resp: 112657
 Ion Ratio Lower Upper
 264 100
 260 24.6 19.2 28.8
 265 22.5 17.4 26.2

