

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100923\
 Data File : BF135652.D
 Acq On : 09 Oct 2023 15:03
 Operator : CG\JU
 Sample : 04656-02
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-105I

Quant Time: Oct 09 15:47:04 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 04 17:06:20 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.740	152	154197	20.000	ng	0.00
21) Naphthalene-d8	8.016	136	577134	20.000	ng	0.00
39) Acenaphthene-d10	9.775	164	291595	20.000	ng	0.00
64) Phenanthrene-d10	11.269	188	586172	20.000	ng	# 0.00
76) Chrysene-d12	13.933	240	391672	20.000	ng	0.00
86) Perylene-d12	15.404	264	317084	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.375	112	464636	49.009	ng	0.00
7) Phenol-d6	6.387	99	349032	28.953	ng	0.00
23) Nitrobenzene-d5	7.310	82	870415	81.938	ng	0.00
42) 2,4,6-Tribromophenol	10.575	330	324271	111.904	ng	0.00
45) 2-Fluorobiphenyl	9.098	172	1421056	73.526	ng	0.00
79) Terphenyl-d14	12.875	244	1592183	63.017	ng	0.01

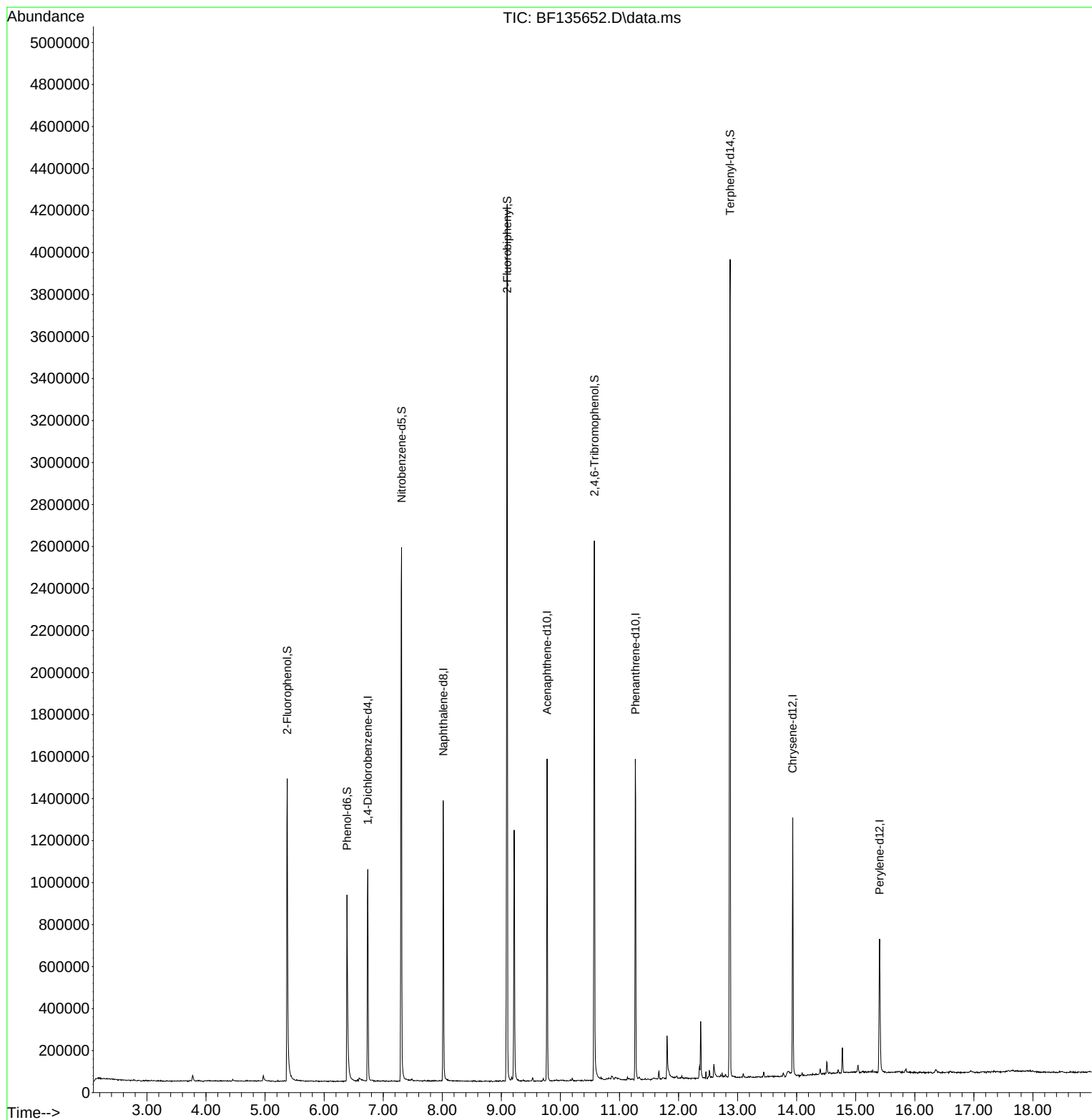
Target Compounds	Qvalue

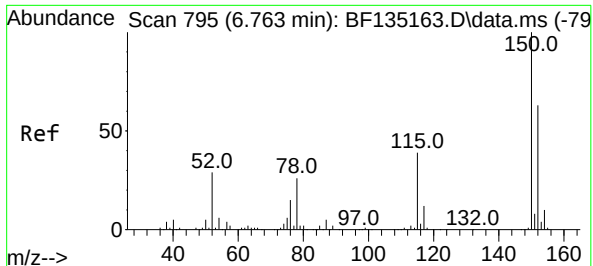
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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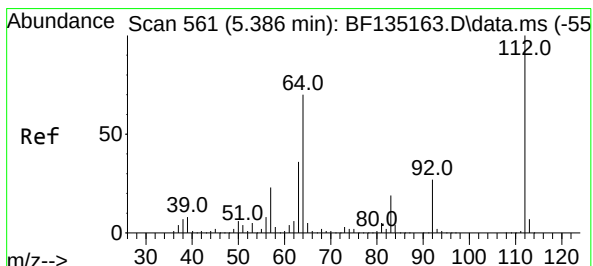
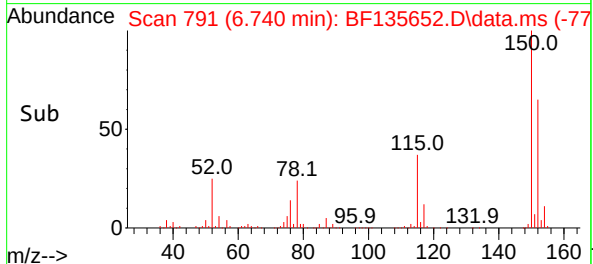
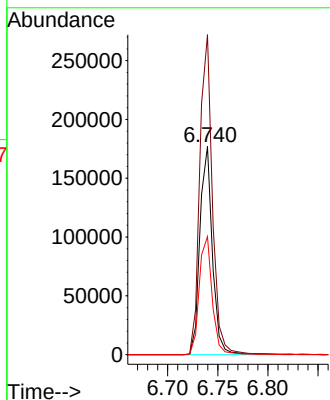
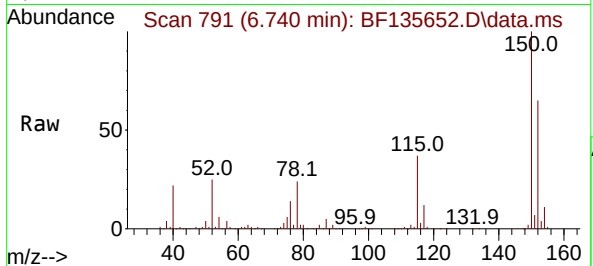




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.740 min Scan# 795
Delta R.T. 0.001 min
Lab File: BF135652.D
Acq: 09 Oct 2023 15:03

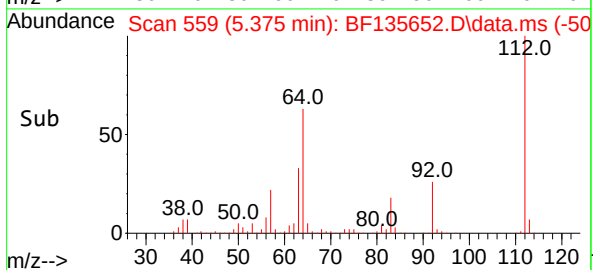
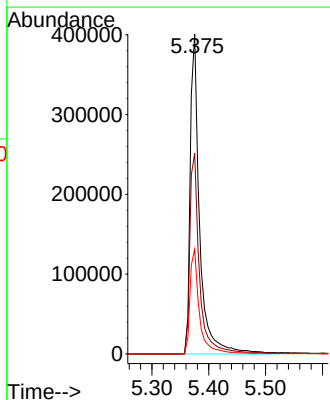
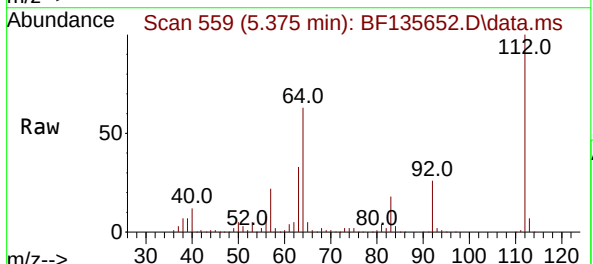
Instrument :
BNA_F
ClientSampleId :
MW-105I

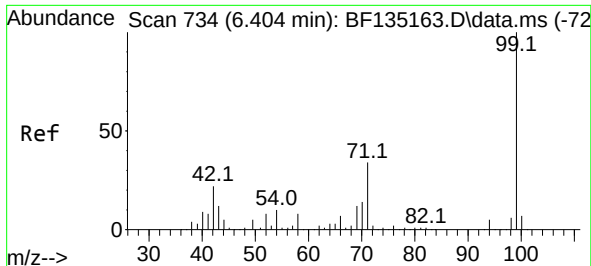
Tgt Ion:152 Resp: 154197
Ion Ratio Lower Upper
152 100
150 153.7 127.8 191.6
115 56.8 49.8 74.8



#5
2-Fluorophenol
Concen: 49.009 ng
RT: 5.375 min Scan# 559
Delta R.T. 0.006 min
Lab File: BF135652.D
Acq: 09 Oct 2023 15:03

Tgt Ion:112 Resp: 464636
Ion Ratio Lower Upper
112 100
64 62.8 55.9 83.9
63 32.7 29.0 43.6

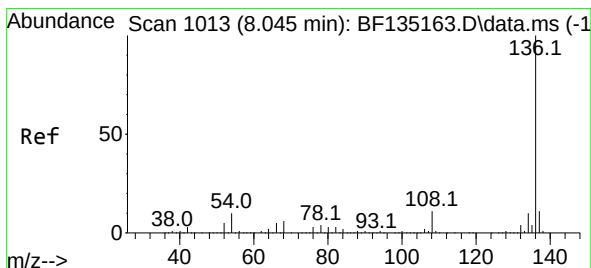
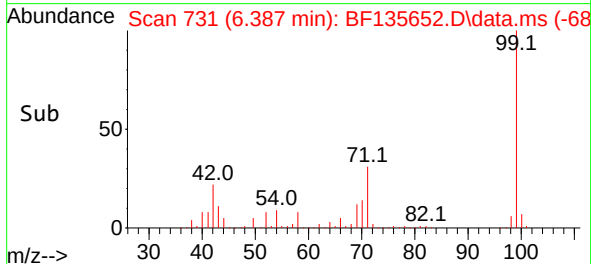
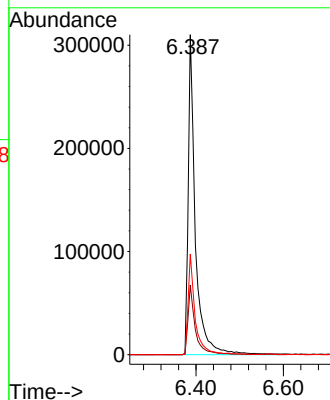
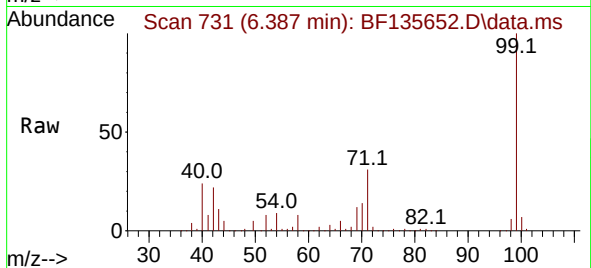




#7
Phenol-d6
Concen: 28.953 ng
RT: 6.387 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF135652.D
Acq: 09 Oct 2023 15:03

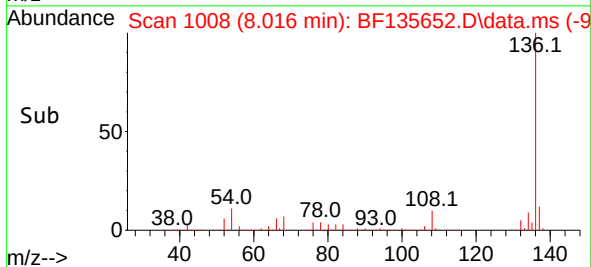
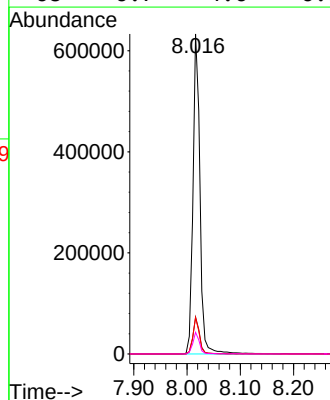
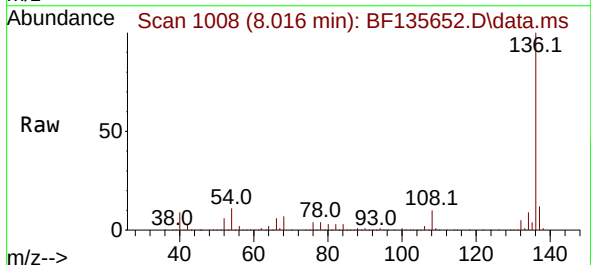
Instrument :
BNA_F
ClientSampleId :
MW-105I

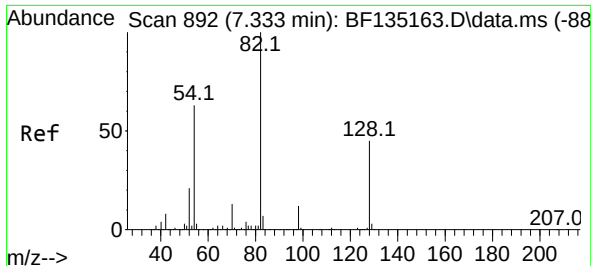
Tgt Ion: 99 Resp: 349032
Ion Ratio Lower Upper
99 100
42 21.8 17.9 26.9
71 31.5 27.0 40.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.016 min Scan# 1008
Delta R.T. 0.000 min
Lab File: BF135652.D
Acq: 09 Oct 2023 15:03

Tgt Ion: 136 Resp: 577134
Ion Ratio Lower Upper
136 100
137 11.6 8.8 13.2
54 11.3 7.7 11.5
68 6.7 4.6 6.8





#23

Nitrobenzene-d5

Concen: 81.938 ng

RT: 7.310 min Scan# 81

Delta R.T. 0.000 min

Lab File: BF135652.D

Acq: 09 Oct 2023 15:03

Instrument :

BNA_F

ClientSampleId :

MW-105I

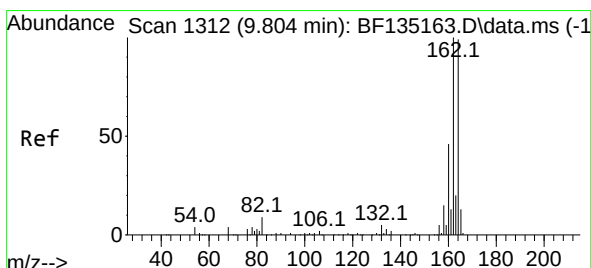
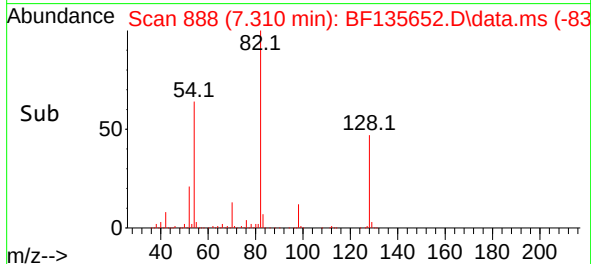
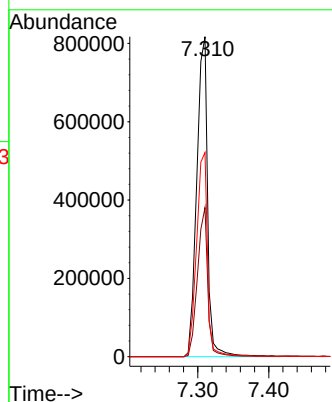
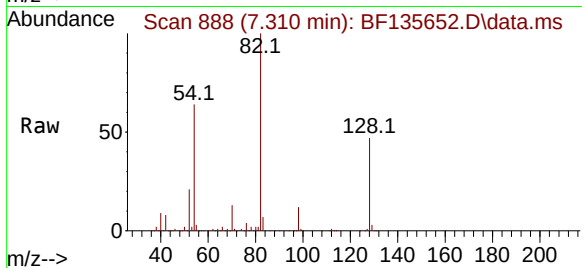
Tgt Ion: 82 Resp: 870415

Ion Ratio Lower Upper

82 100

128 46.6 35.8 53.6

54 63.8 50.6 76.0



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.775 min Scan# 1307

Delta R.T. 0.000 min

Lab File: BF135652.D

Acq: 09 Oct 2023 15:03

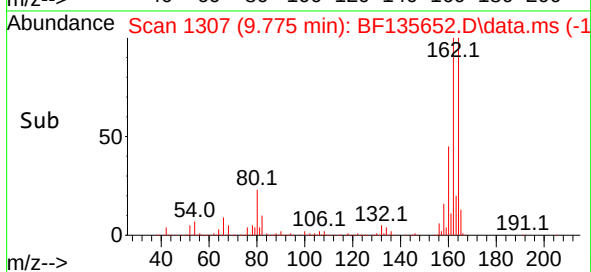
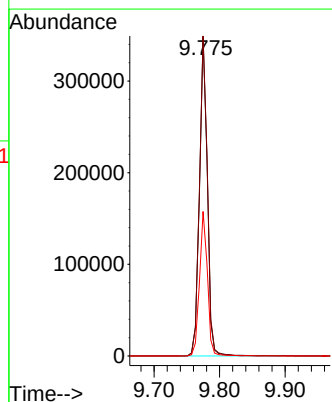
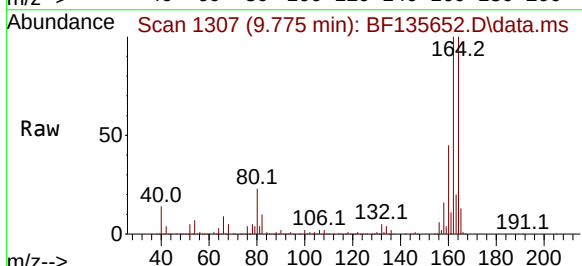
Tgt Ion: 164 Resp: 291595

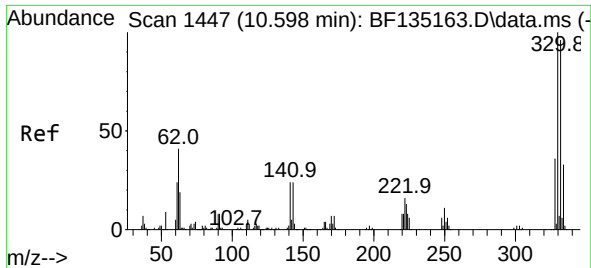
Ion Ratio Lower Upper

164 100

162 100.1 81.0 121.4

160 45.2 37.0 55.4

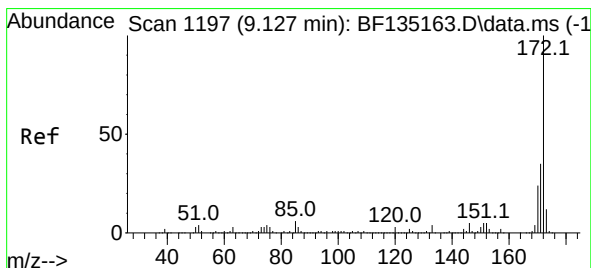
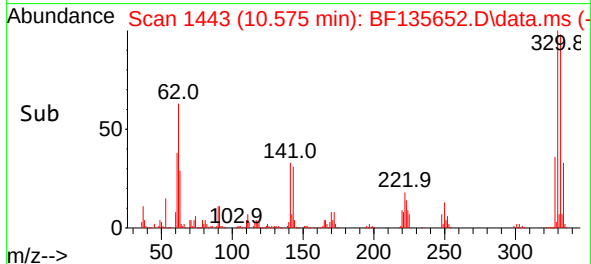
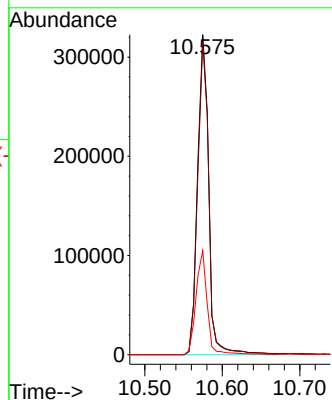
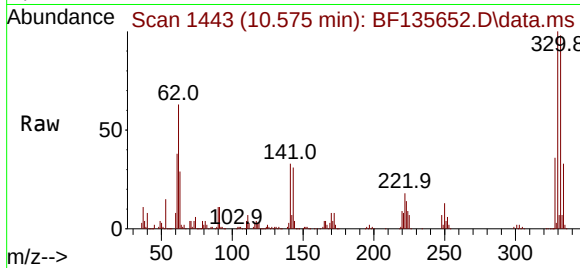




#42
2,4,6-Tribromophenol
Concen: 111.904 ng
RT: 10.575 min Scan# 1443
Delta R.T. 0.006 min
Lab File: BF135652.D
Acq: 09 Oct 2023 15:03

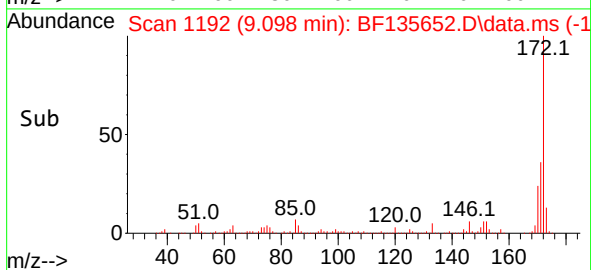
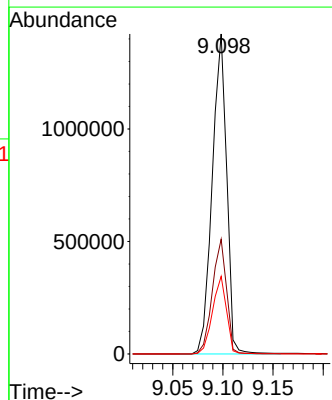
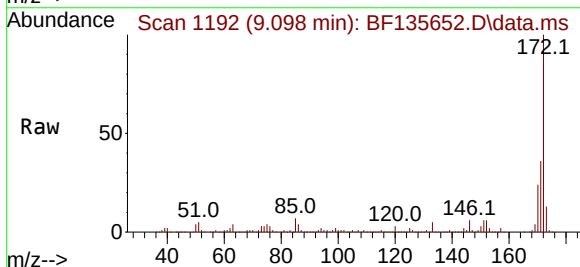
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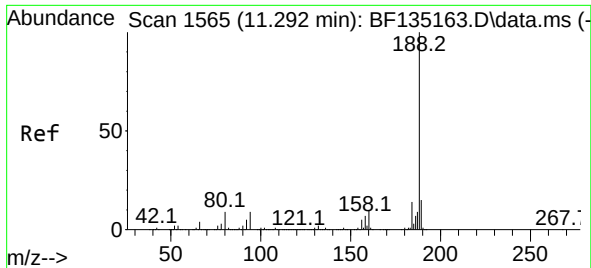
Tgt Ion:330 Resp: 324271
Ion Ratio Lower Upper
330 100
332 97.0 77.3 115.9
141 32.7 25.8 38.8



#45
2-Fluorobiphenyl
Concen: 73.526 ng
RT: 9.098 min Scan# 1192
Delta R.T. 0.000 min
Lab File: BF135652.D
Acq: 09 Oct 2023 15:03

Tgt Ion:172 Resp: 1421056
Ion Ratio Lower Upper
172 100
171 35.8 28.4 42.6
170 24.2 19.0 28.4

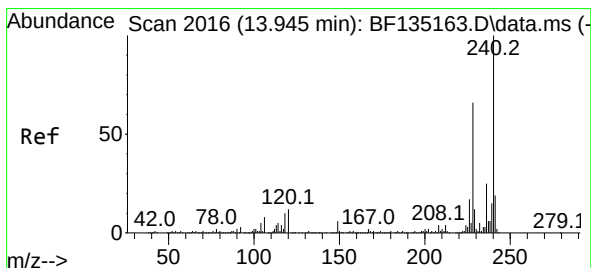
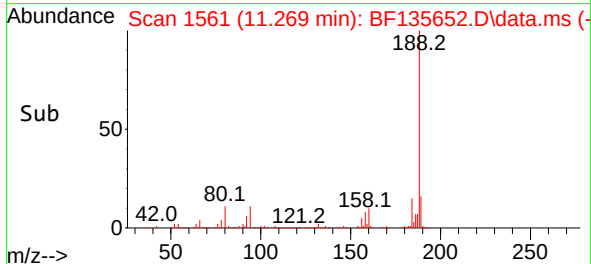
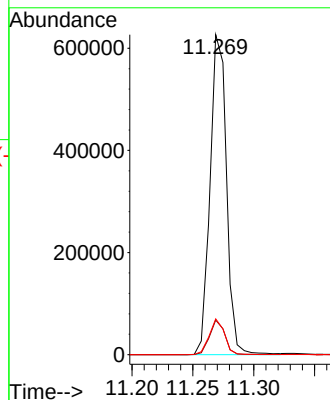
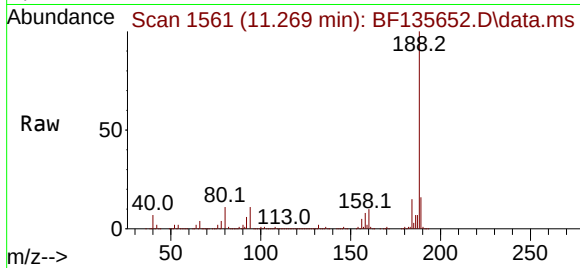




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.269 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF135652.D
Acq: 09 Oct 2023 15:03

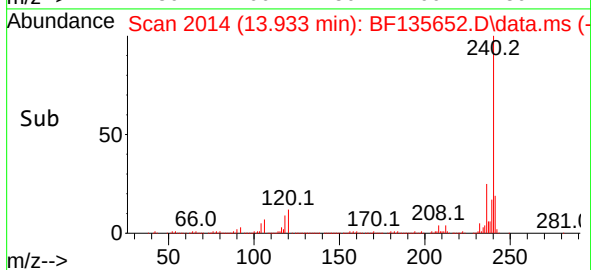
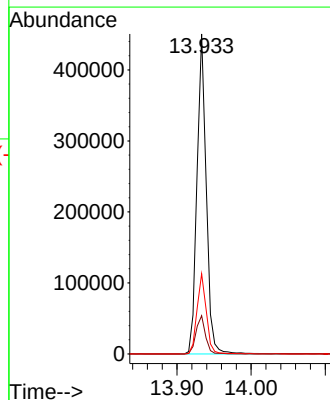
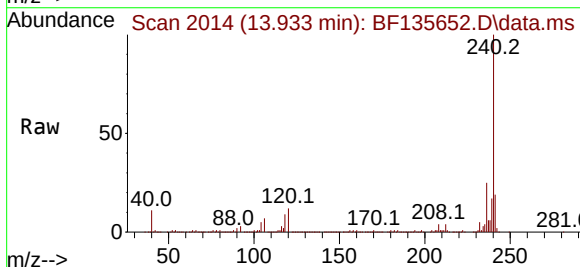
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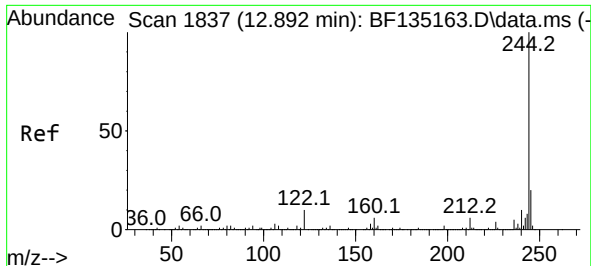
Tgt Ion:188 Resp: 586172
Ion Ratio Lower Upper
188 100
94 10.8 7.0 10.6#
80 11.2 7.5 11.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.933 min Scan# 2014
Delta R.T. 0.006 min
Lab File: BF135652.D
Acq: 09 Oct 2023 15:03

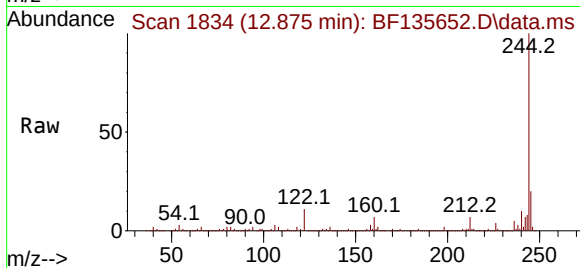
Tgt Ion:240 Resp: 391672
Ion Ratio Lower Upper
240 100
120 12.0 9.4 14.2
236 25.0 19.8 29.8



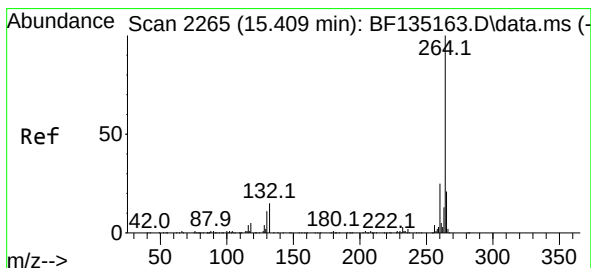
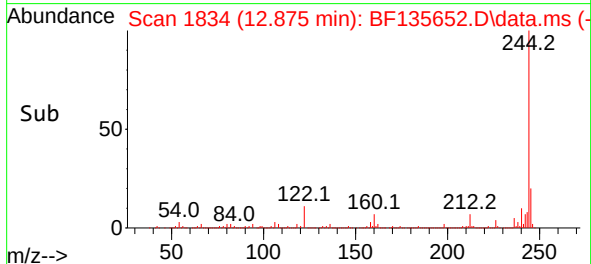
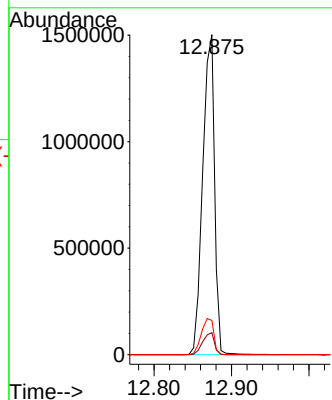


#79
 Terphenyl-d14
 Concen: 63.017 ng
 RT: 12.875 min Scan# 1834
 Delta R.T. 0.012 min
 Lab File: BF135652.D
 Acq: 09 Oct 2023 15:03

Instrument :
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Tgt Ion:244 Resp: 1592183
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.1 7.7
 122 10.7 7.9 11.9



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.404 min Scan# 2264
 Delta R.T. 0.018 min
 Lab File: BF135652.D
 Acq: 09 Oct 2023 15:03

Tgt Ion:264 Resp: 317084
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.8 29.6
 265 21.2 17.0 25.4

