

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101823\
 Data File : BF135852.D
 Acq On : 18 Oct 2023 17:40
 Operator : CG\JU
 Sample : 04793-03
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-303-20231005

Quant Time: Oct 19 01:20:54 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	79935	20.000	ng	0.00
21) Naphthalene-d8	8.016	136	313894	20.000	ng	0.00
39) Acenaphthene-d10	9.775	164	158363	20.000	ng	-0.01
64) Phenanthrene-d10	11.269	188	314313	20.000	ng	-0.01
76) Chrysene-d12	13.939	240	164794	20.000	ng	-0.01
86) Perylene-d12	15.415	264	155711	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.375	112	293255	58.983	ng	0.00
7) Phenol-d6	6.398	99	223113	35.966	ng	0.00
23) Nitrobenzene-d5	7.310	82	535537	93.835	ng	0.00
42) 2,4,6-Tribromophenol	10.575	330	197254	129.805	ng	-0.01
45) 2-Fluorobiphenyl	9.098	172	950719	93.864	ng	0.00
79) Terphenyl-d14	12.869	244	984063	110.586	ng	-0.01

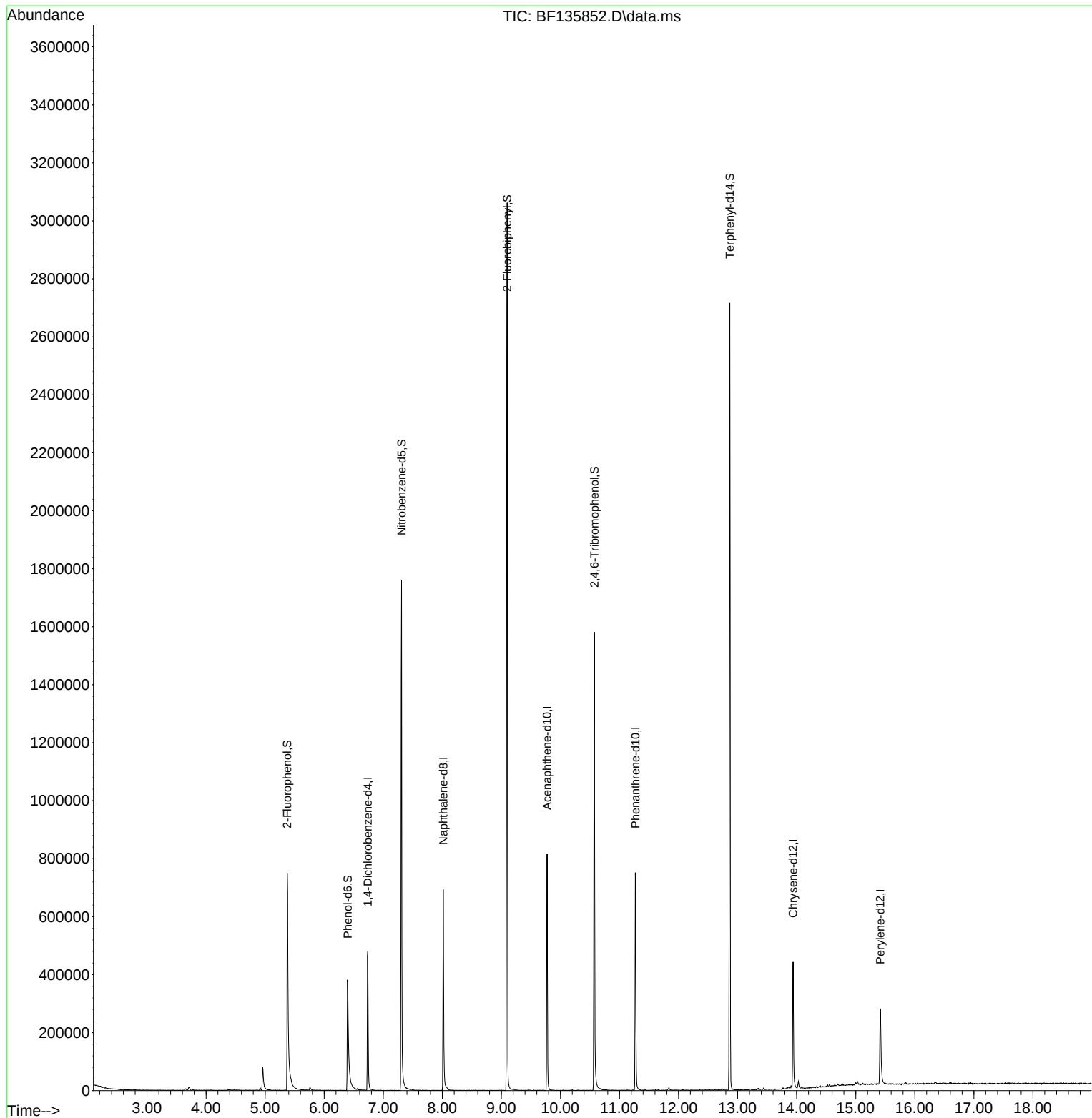
Target Compounds	Qvalue

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

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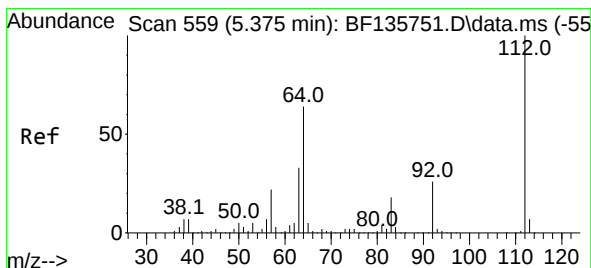
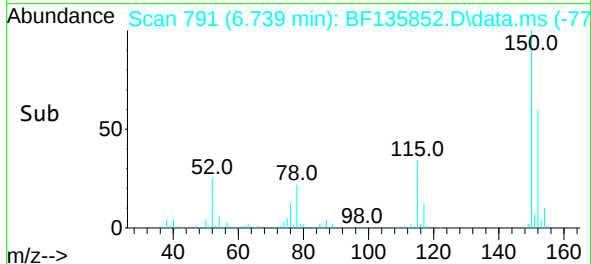
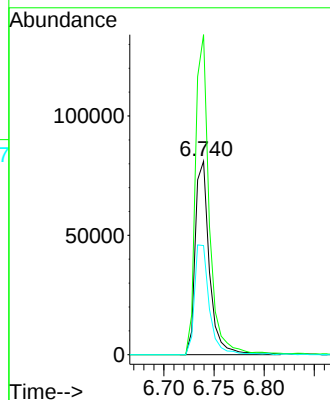
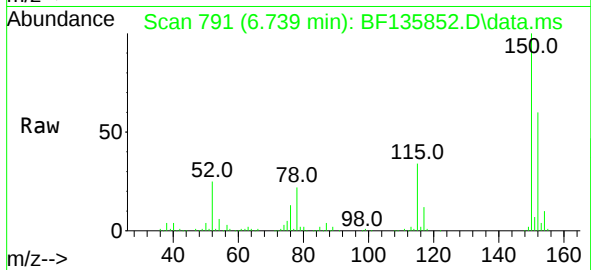




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.739 min Scan# 791
 Delta R.T. -0.007 min
 Lab File: BF135852.D
 Acq: 18 Oct 2023 17:40

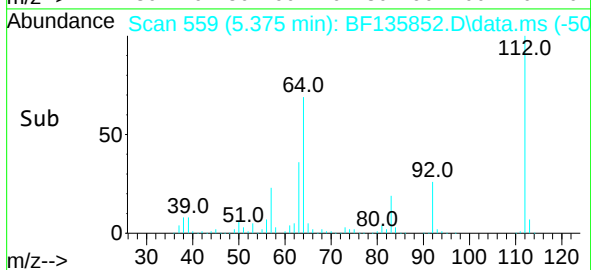
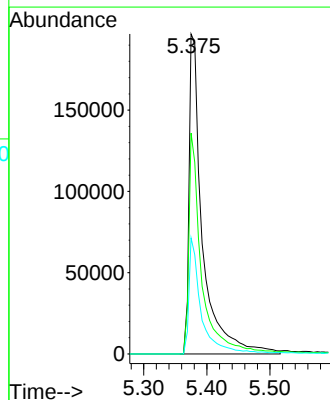
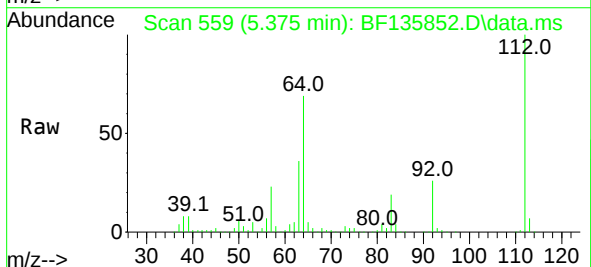
Instrument :
 BNA_F
 ClientSampleId :
 SP-303-20231005

Tgt Ion:152 Resp: 79935
 Ion Ratio Lower Upper
 152 100
 150 165.5 124.5 186.7
 115 56.4 49.0 73.4



#5
 2-Fluorophenol
 Concen: 58.983 ng
 RT: 5.375 min Scan# 559
 Delta R.T. -0.000 min
 Lab File: BF135852.D
 Acq: 18 Oct 2023 17:40

Tgt Ion:112 Resp: 293255
 Ion Ratio Lower Upper
 112 100
 64 69.0 51.2 76.8
 63 36.3 26.1 39.1

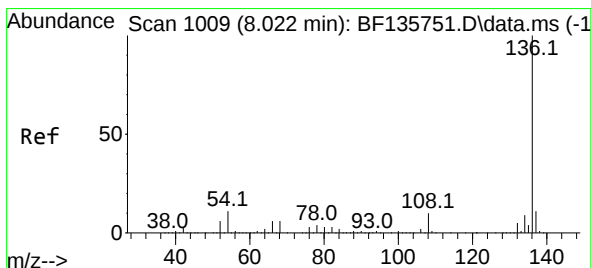
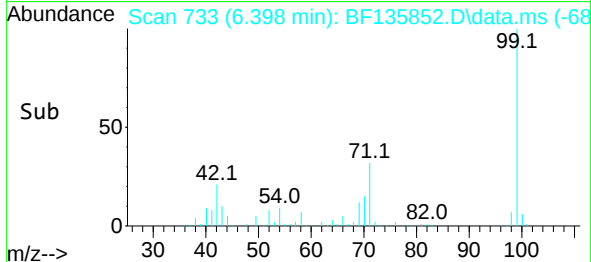
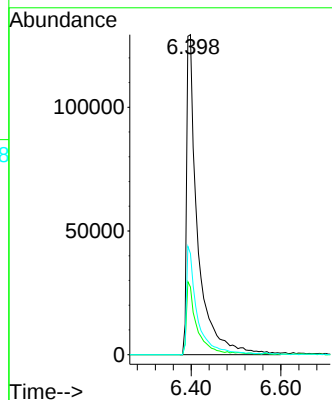
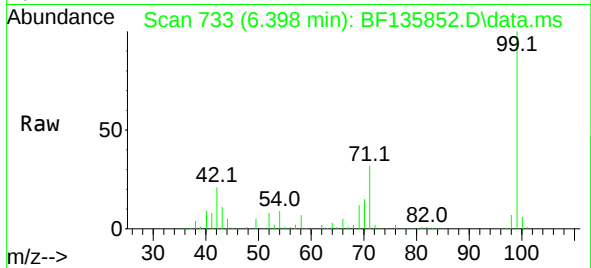




#7
Phenol-d6
Concen: 35.966 ng
RT: 6.398 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF135852.D
Acq: 18 Oct 2023 17:40

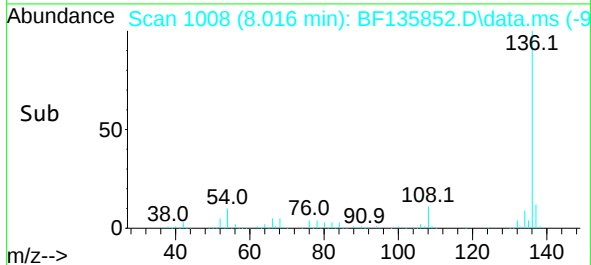
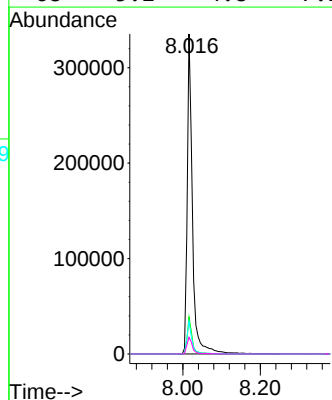
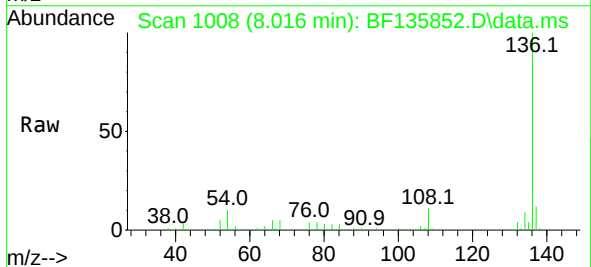
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BNA_F
ClientSampleId :
SP-303-20231005

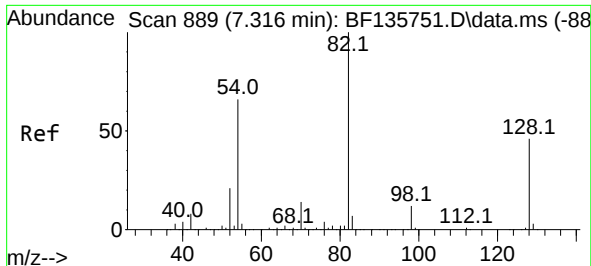
Tgt Ion: 99 Resp: 223113
Ion Ratio Lower Upper
99 100
42 21.1 18.4 27.6
71 31.6 27.2 40.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.016 min Scan# 1008
Delta R.T. -0.006 min
Lab File: BF135852.D
Acq: 18 Oct 2023 17:40

Tgt Ion: 136 Resp: 313894
Ion Ratio Lower Upper
136 100
137 11.6 8.6 12.8
54 10.2 8.5 12.7
68 5.2 4.8 7.2

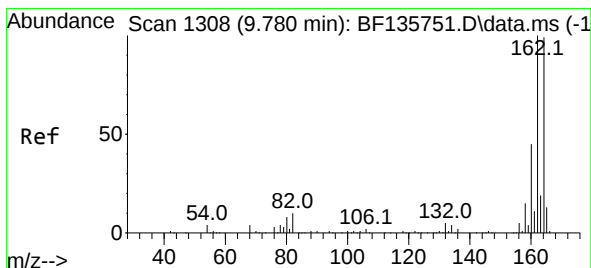
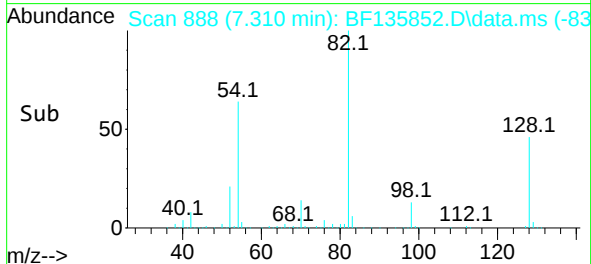
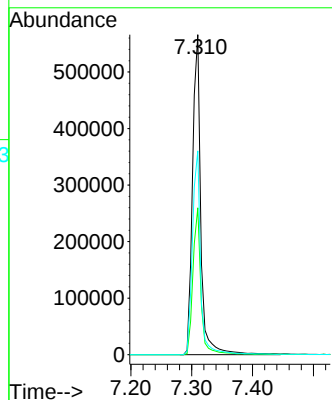
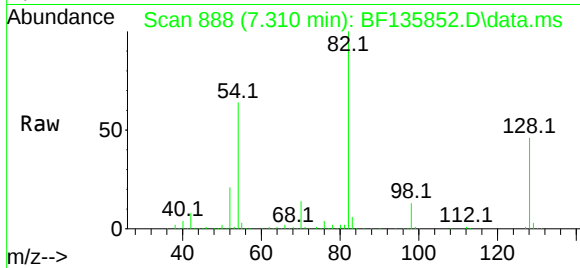




#23
Nitrobenzene-d5
Concen: 93.835 ng
RT: 7.310 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF135852.D
Acq: 18 Oct 2023 17:40

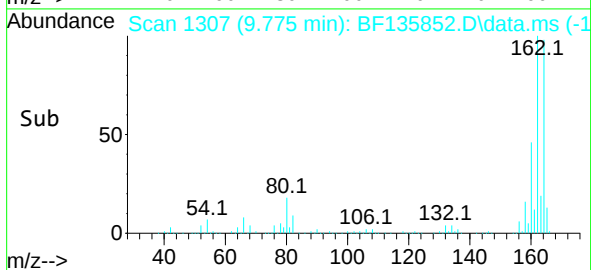
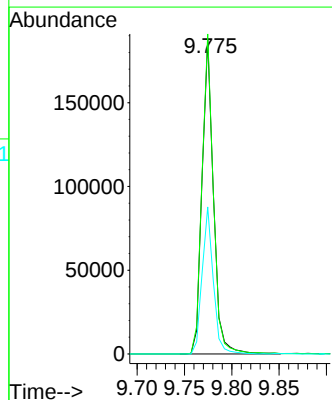
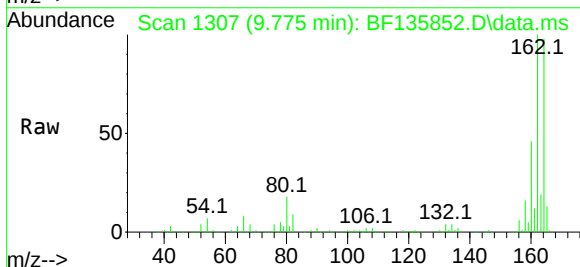
Instrument :
BNA_F
ClientSampleId :
SP-303-20231005

Tgt Ion: 82 Resp: 535537
Ion Ratio Lower Upper
82 100
128 45.9 37.0 55.6
54 63.7 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: BF135852.D
Acq: 18 Oct 2023 17:40

Tgt Ion:164 Resp: 158363
Ion Ratio Lower Upper
164 100
162 101.7 80.8 121.2
160 46.7 36.6 54.8





#42

2,4,6-Tribromophenol

Concen: 129.805 ng

RT: 10.575 min Scan# 1443

Delta R.T. -0.012 min

Lab File: BF135852.D

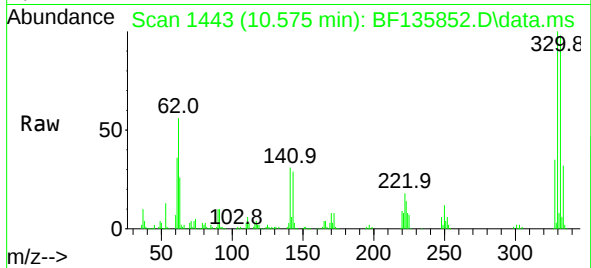
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Instrument :

BNA_F

ClientSampleId :

SP-303-20231005



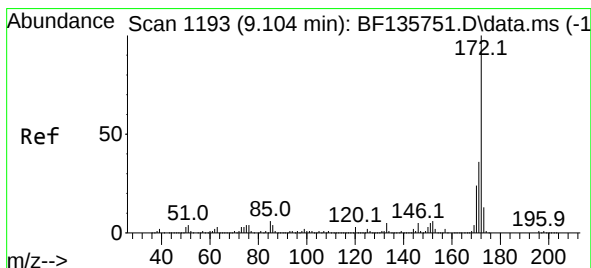
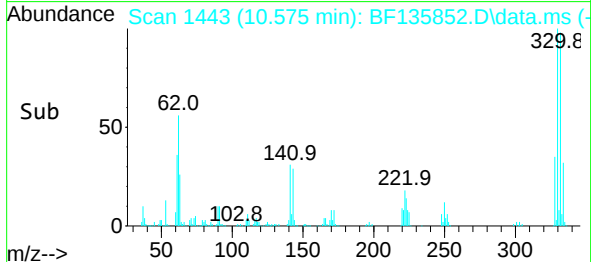
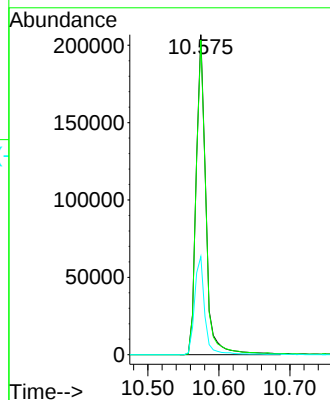
Tgt Ion:330 Resp: 197254

Ion Ratio Lower Upper

330 100

332 99.1 75.0 112.4

141 32.2 25.8 38.6



#45

2-Fluorobiphenyl

Concen: 93.864 ng

RT: 9.098 min Scan# 1192

Delta R.T. -0.006 min

Lab File: BF135852.D

Acq: 18 Oct 2023 17:40

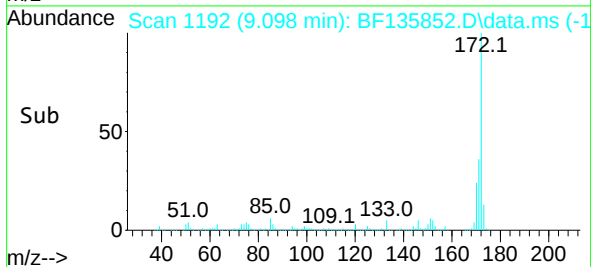
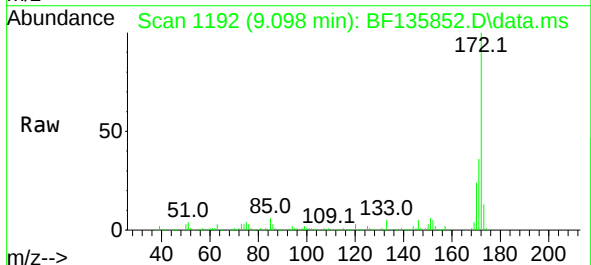
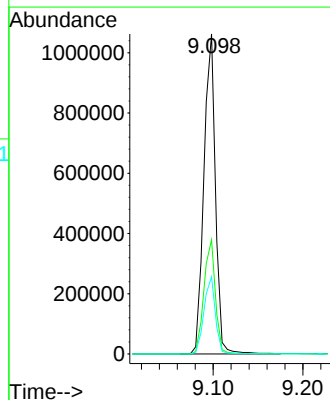
Tgt Ion:172 Resp: 950719

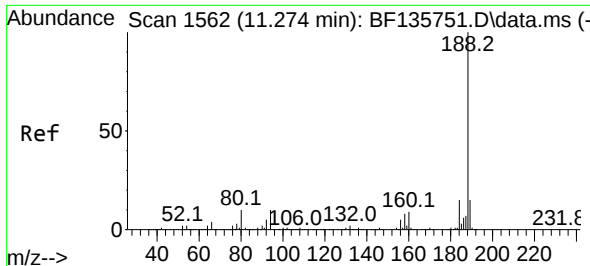
Ion Ratio Lower Upper

172 100

171 35.7 28.4 42.6

170 24.1 18.8 28.2

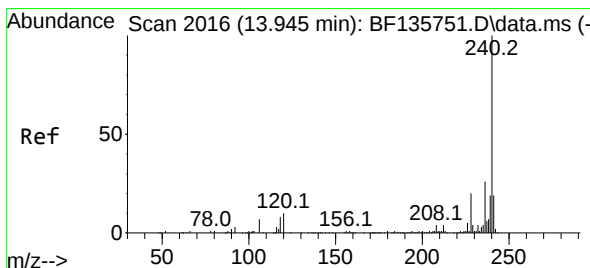
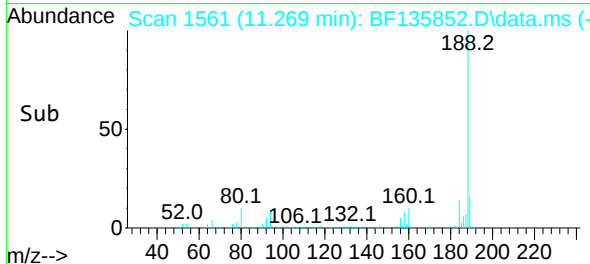
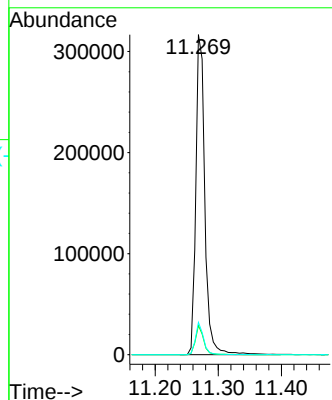
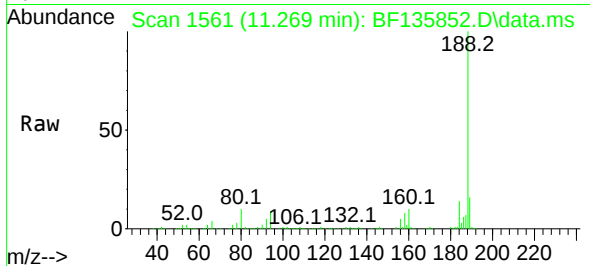




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.269 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF135852.D
Acq: 18 Oct 2023 17:40

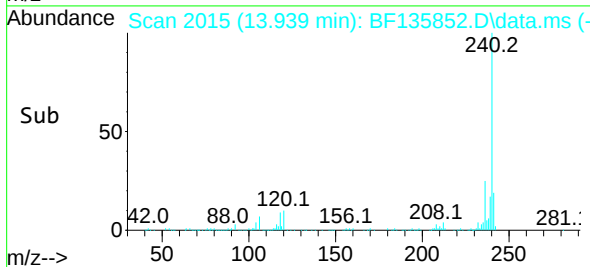
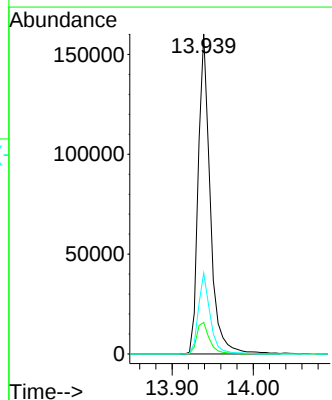
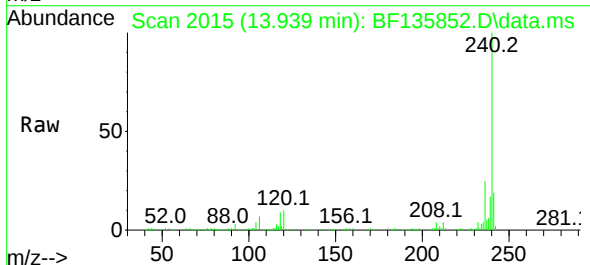
Instrument :
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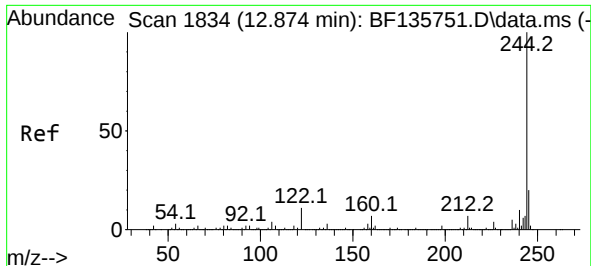
Tgt Ion:188 Resp: 314313
Ion Ratio Lower Upper
188 100
94 9.1 8.0 12.0
80 10.1 8.3 12.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.939 min Scan# 2015
Delta R.T. -0.012 min
Lab File: BF135852.D
Acq: 18 Oct 2023 17:40

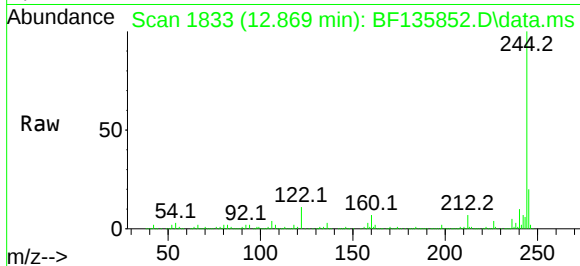
Tgt Ion:240 Resp: 164794
Ion Ratio Lower Upper
240 100
120 9.8 8.2 12.2
236 25.3 21.2 31.8



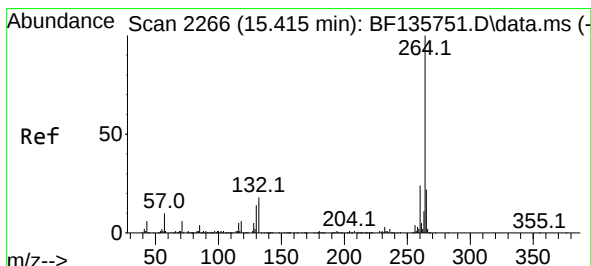
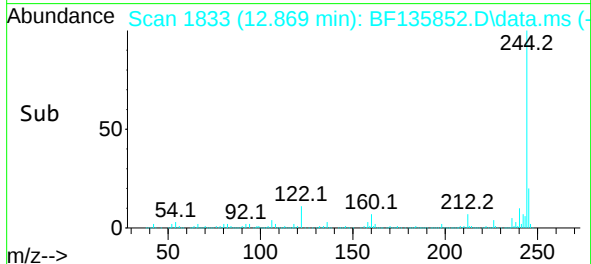
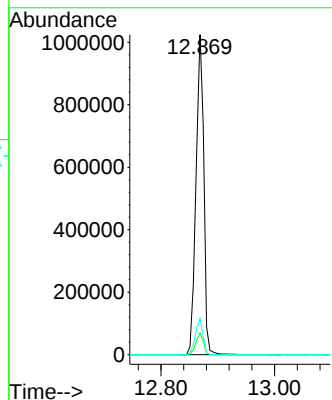


#79
 Terphenyl-d14
 Concen: 110.586 ng
 RT: 12.869 min Scan# 1833
 Delta R.T. -0.012 min
 Lab File: BF135852.D
 Acq: 18 Oct 2023 17:40

Instrument :
 BNA_F
 ClientSampleId :
 SP-303-20231005



Tgt Ion:244 Resp: 984063
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.6 8.4
 122 11.3 9.0 13.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.415 min Scan# 2266
 Delta R.T. -0.006 min
 Lab File: BF135852.D
 Acq: 18 Oct 2023 17:40

Tgt Ion:264 Resp: 155711
 Ion Ratio Lower Upper
 264 100
 260 22.5 19.2 28.8
 265 21.2 17.4 26.2

