

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101222\
 Data File : BF130635.D
 Acq On : 12 Oct 2022 18:00
 Operator : CG\JU
 Sample : N5066-19
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 C20(19-20)

Quant Time: Oct 13 05:46:16 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 12 06:52:52 2022
 Response via : Initial Calibration

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

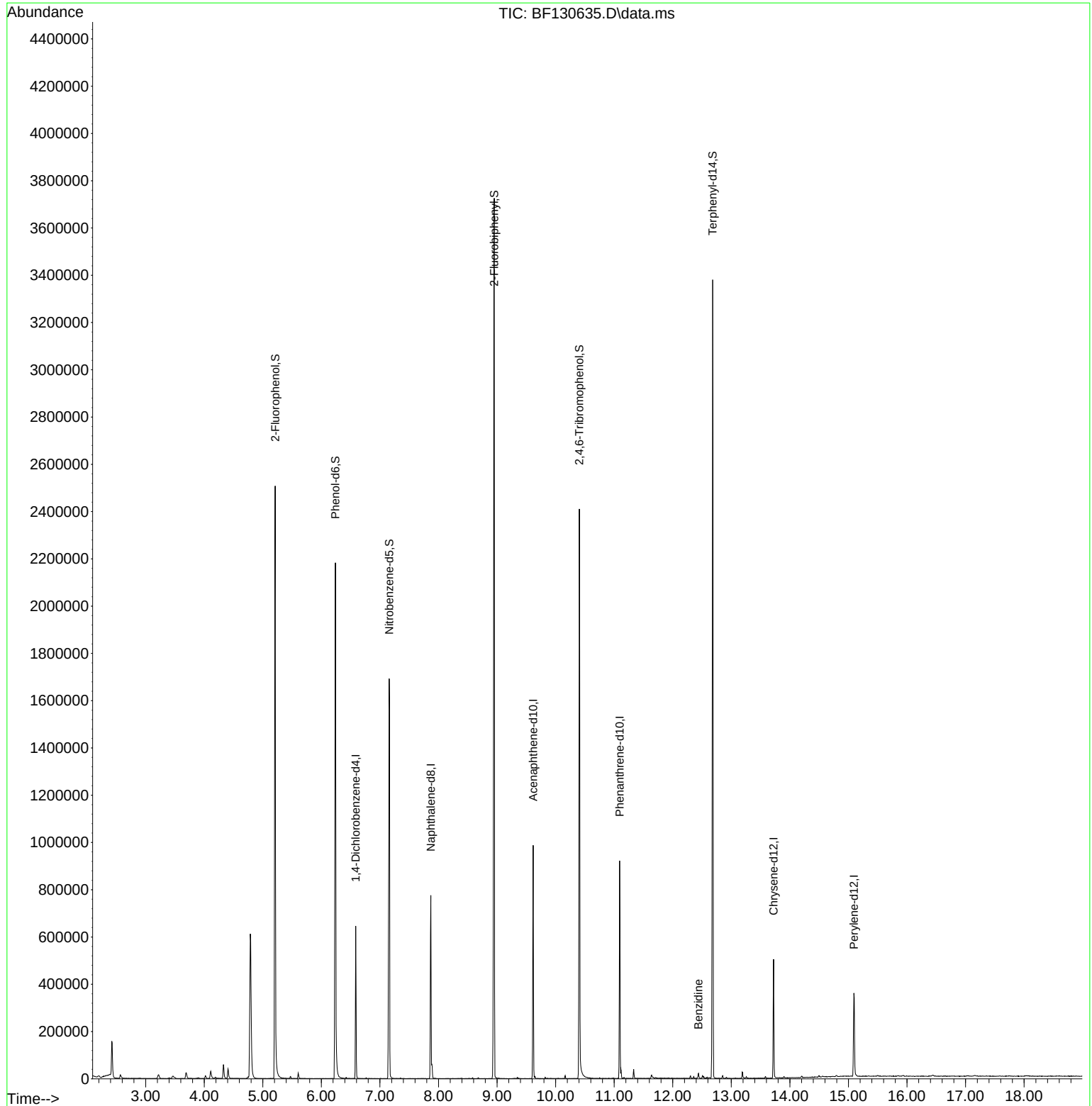
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.587	152	84716	20.000	ng	0.00
21) Naphthalene-d8	7.869	136	339717	20.000	ng	0.00
39) Acenaphthene-d10	9.616	164	184109	20.000	ng	0.00
64) Phenanthrene-d10	11.092	188	307778	20.000	ng	0.00
76) Chrysene-d12	13.721	240	157597	20.000	ng	0.00
86) Perylene-d12	15.092	264	153544	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.210	112	736098	156.623	ng	0.02
7) Phenol-d6	6.240	99	827237	139.997	ng	0.00
23) Nitrobenzene-d5	7.157	82	629713	101.191	ng	0.00
42) 2,4,6-Tribromophenol	10.404	330	308484	171.238	ng	0.00
45) 2-Fluorobiphenyl	8.951	172	1254513	103.214	ng	0.00
79) Terphenyl-d14	12.680	244	1209366	127.364	ng	0.00
Target Compounds						
77) Benzdine	12.439	184	8970	2.252	ng	Qvalue 100

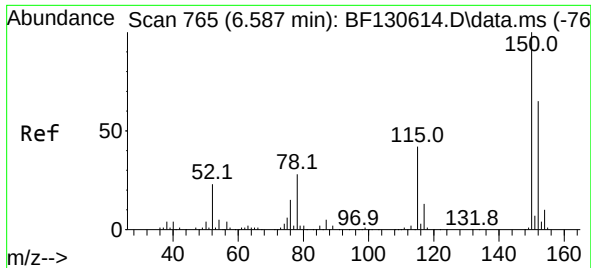
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101222\
Data File : BF130635.D
Acq On : 12 Oct 2022 18:00
Operator : CG\JU
Sample : N5066-19
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
C20(19-20)

Quant Time: Oct 13 05:46:16 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 12 06:52:52 2022
Response via : Initial Calibration

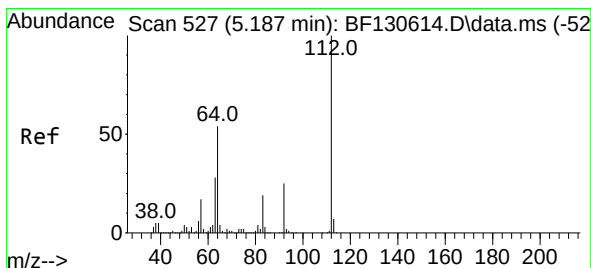
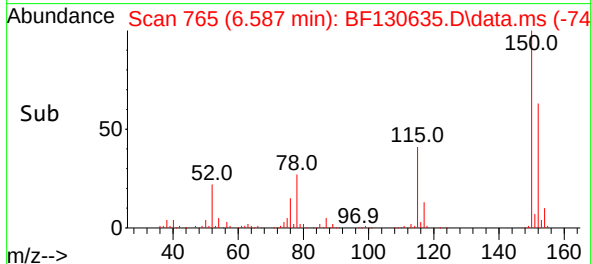
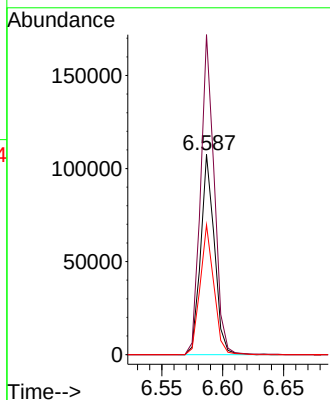
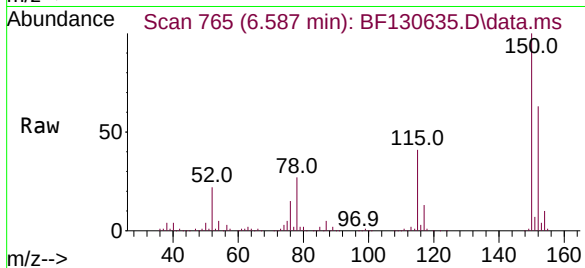




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.587 min Scan# 765
Delta R.T. -0.000 min
Lab File: BF130635.D
Acq: 12 Oct 2022 18:00

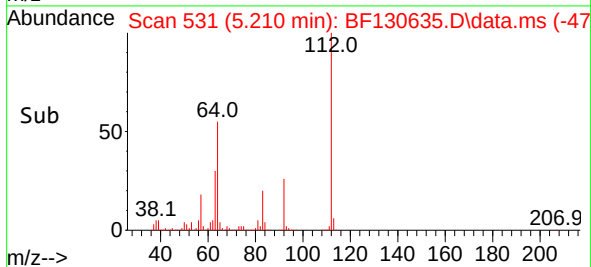
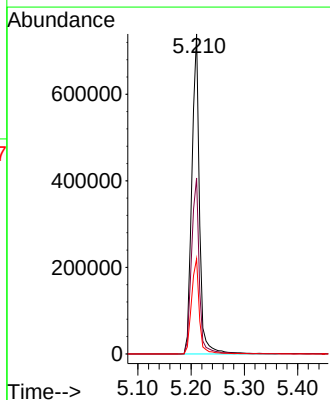
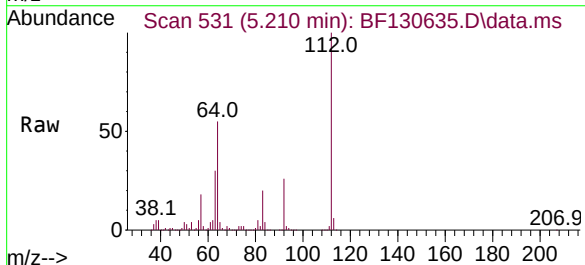
Instrument :
BNA_F
ClientSampleId :
C20(19-20)

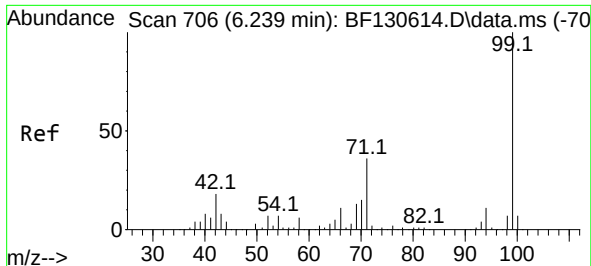
Tgt Ion:152 Resp: 84716
Ion Ratio Lower Upper
152 100
150 159.9 123.8 185.6
115 64.8 52.2 78.4



#5
2-Fluorophenol
Concen: 156.623 ng
RT: 5.210 min Scan# 531
Delta R.T. 0.024 min
Lab File: BF130635.D
Acq: 12 Oct 2022 18:00

Tgt Ion:112 Resp: 736098
Ion Ratio Lower Upper
112 100
64 55.0 43.5 65.3
63 29.7 22.6 34.0

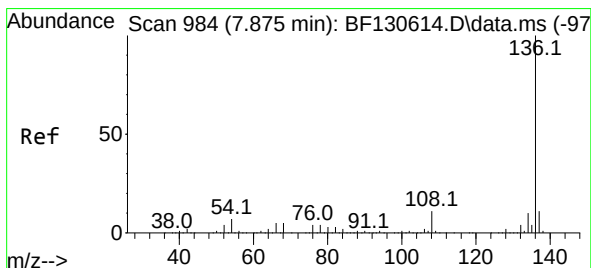
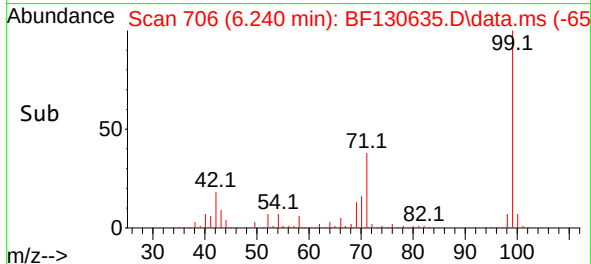
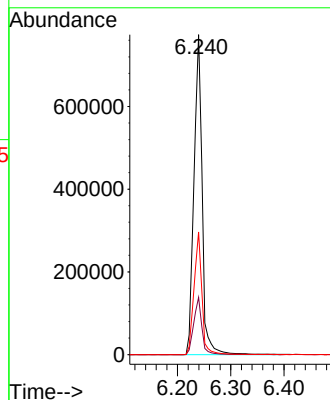
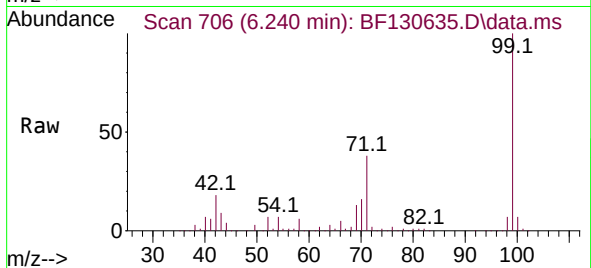




#7
Phenol-d6
Concen: 139.997 ng
RT: 6.240 min Scan# 706
Delta R.T. 0.000 min
Lab File: BF130635.D
Acq: 12 Oct 2022 18:00

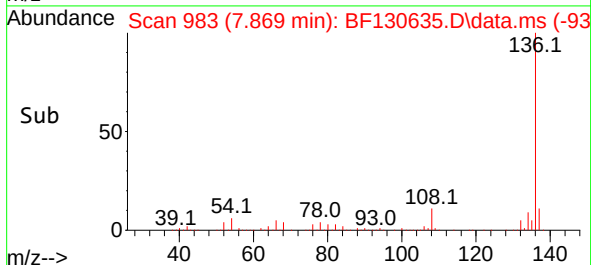
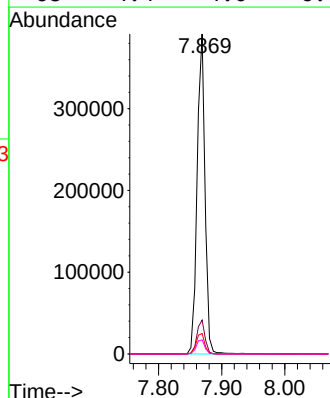
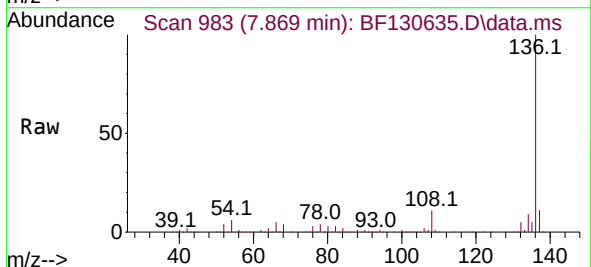
Instrument :
BNA_F
ClientSampleId :
C20(19-20)

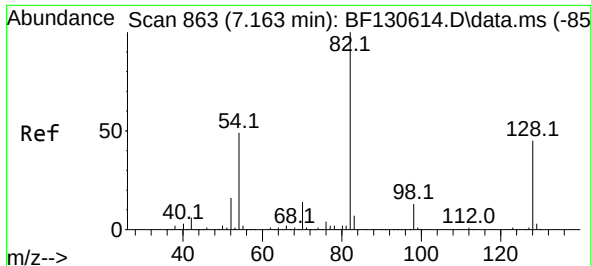
Tgt Ion: 99 Resp: 827237
Ion Ratio Lower Upper
99 100
42 17.9 14.0 21.0
71 38.3 28.8 43.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.869 min Scan# 983
Delta R.T. -0.006 min
Lab File: BF130635.D
Acq: 12 Oct 2022 18:00

Tgt Ion: 136 Resp: 339717
Ion Ratio Lower Upper
136 100
137 10.6 8.4 12.6
54 6.4 5.5 8.3
68 4.4 4.0 6.0

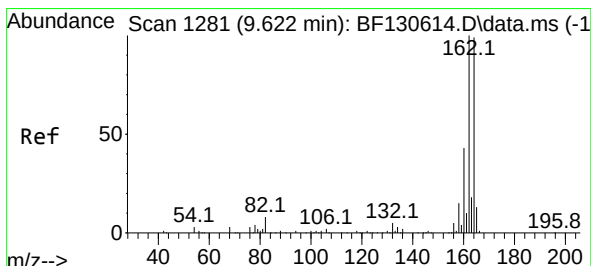
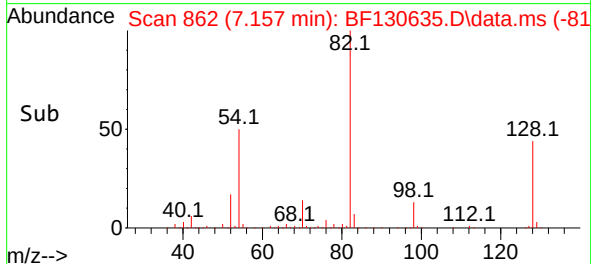
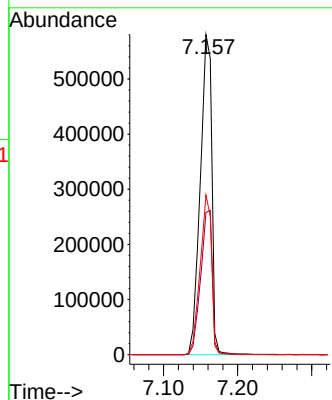
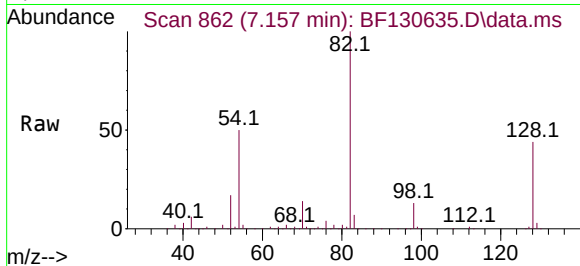




#23
Nitrobenzene-d5
Concen: 101.191 ng
RT: 7.157 min Scan# 80
Delta R.T. -0.006 min
Lab File: BF130635.D
Acq: 12 Oct 2022 18:00

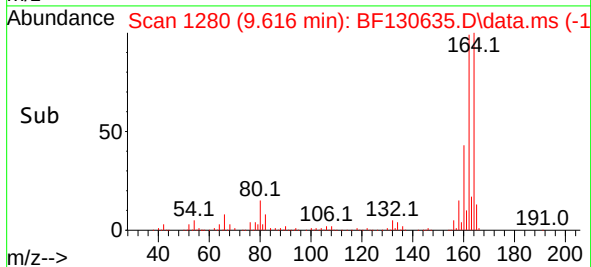
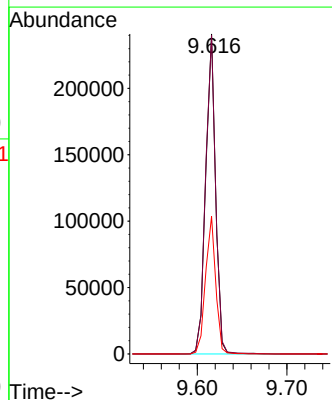
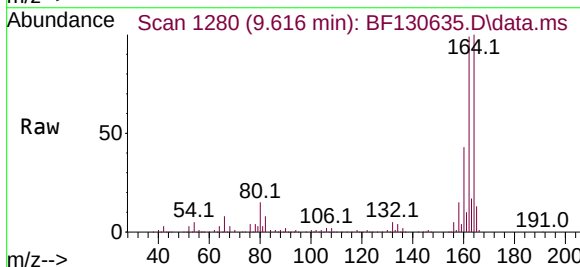
Instrument :
BNA_F
ClientSampleId :
C20(19-20)

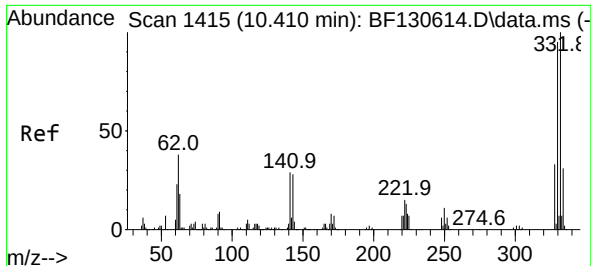
Tgt Ion: 82 Resp: 629713
Ion Ratio Lower Upper
82 100
128 44.4 35.8 53.6
54 49.8 39.3 58.9



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.616 min Scan# 1280
Delta R.T. -0.006 min
Lab File: BF130635.D
Acq: 12 Oct 2022 18:00

Tgt Ion:164 Resp: 184109
Ion Ratio Lower Upper
164 100
162 99.5 81.0 121.4
160 43.0 34.5 51.7





#42

2,4,6-Tribromophenol

Concen: 171.238 ng

RT: 10.404 min Scan# 1415

Delta R.T. -0.006 min

Lab File: BF130635.D

Acq: 12 Oct 2022 18:00

Instrument :

BNA_F

ClientSampleId :

C20(19-20)

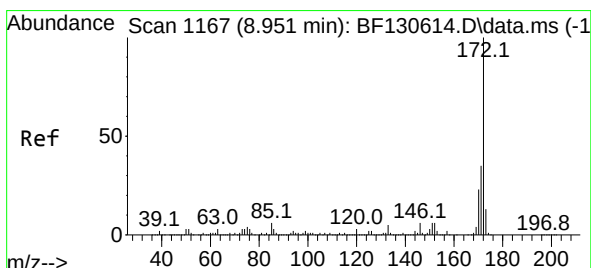
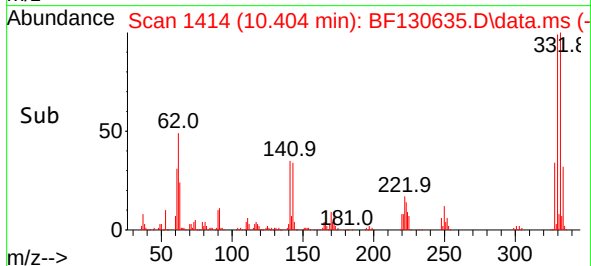
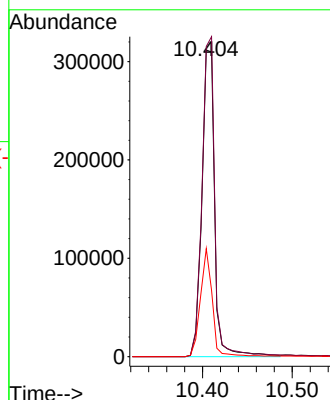
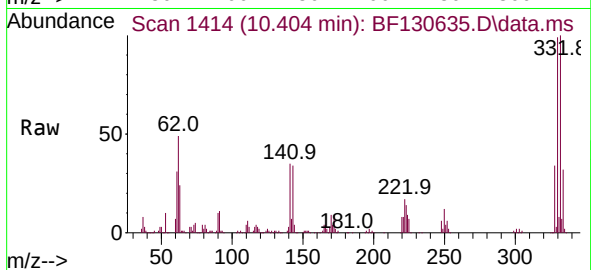
Tgt Ion:330 Resp: 308484

Ion Ratio Lower Upper

330 100

332 105.0 84.2 126.4

141 32.9 26.8 40.2



#45

2-Fluorobiphenyl

Concen: 103.214 ng

RT: 8.951 min Scan# 1167

Delta R.T. 0.000 min

Lab File: BF130635.D

Acq: 12 Oct 2022 18:00

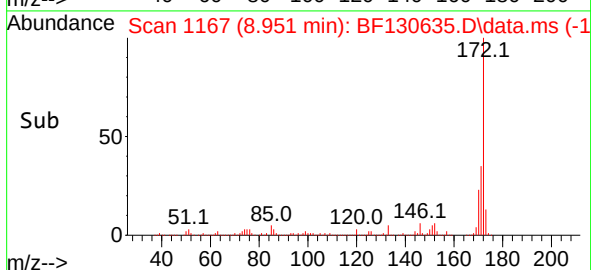
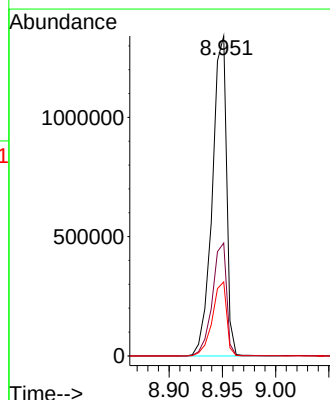
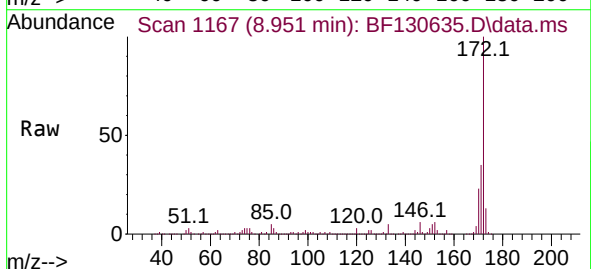
Tgt Ion:172 Resp: 1254513

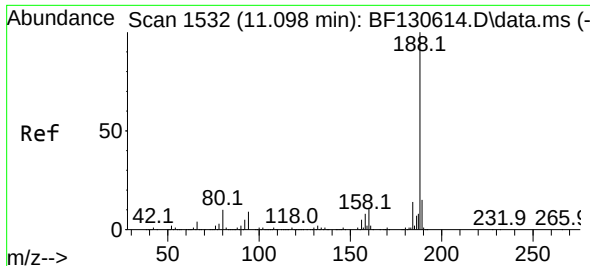
Ion Ratio Lower Upper

172 100

171 35.3 27.8 41.8

170 23.1 18.6 27.8

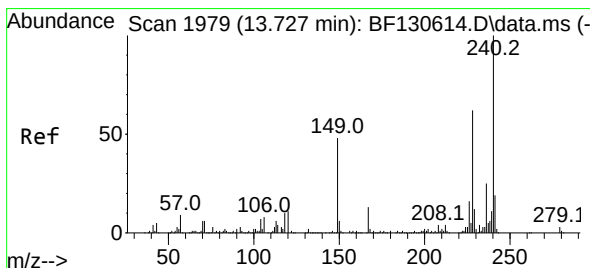
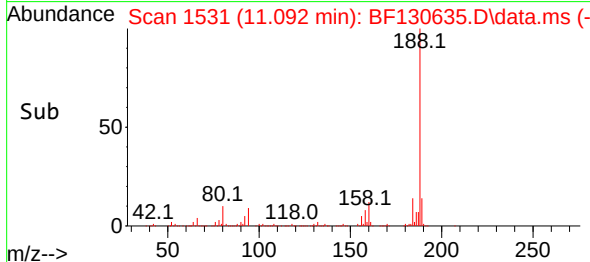
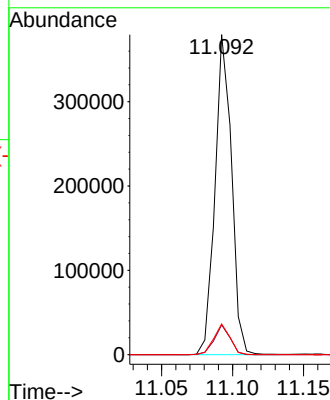
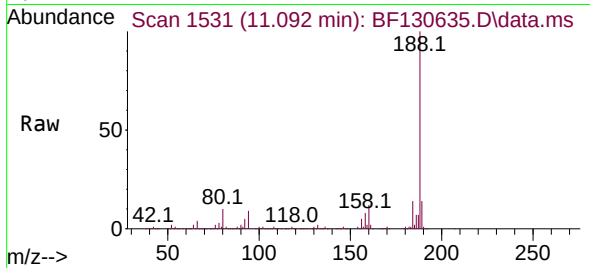




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.092 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF130635.D
Acq: 12 Oct 2022 18:00

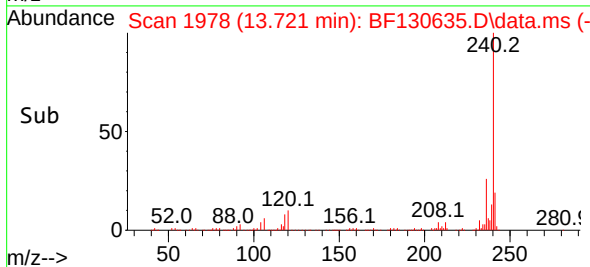
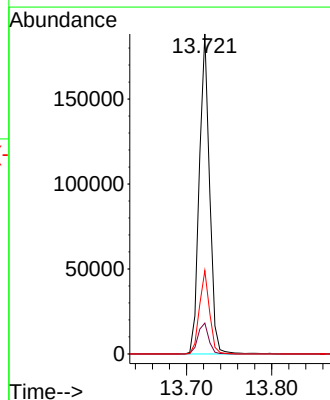
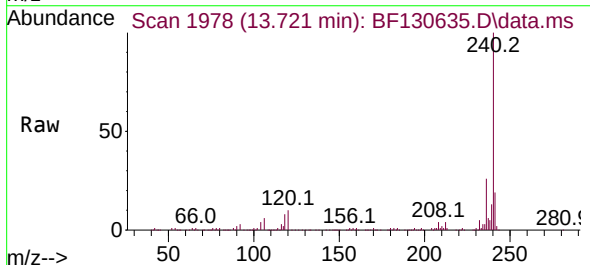
Instrument :
BNA_F
ClientSampleId :
C20(19-20)

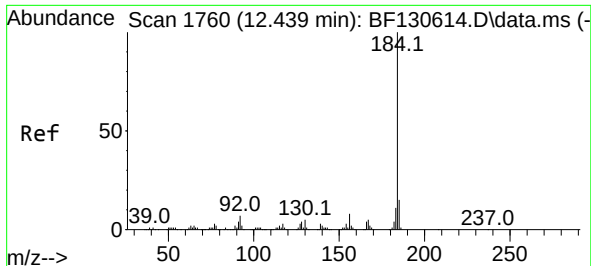
Tgt Ion:188 Resp: 307778
Ion Ratio Lower Upper
188 100
94 9.3 7.4 11.2
80 9.6 8.0 12.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.721 min Scan# 1978
Delta R.T. -0.006 min
Lab File: BF130635.D
Acq: 12 Oct 2022 18:00

Tgt Ion:240 Resp: 157597
Ion Ratio Lower Upper
240 100
120 9.6 8.6 13.0
236 26.0 20.2 30.4

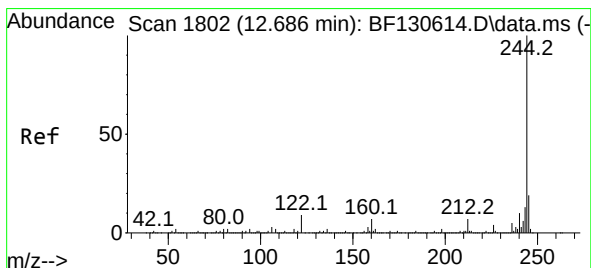
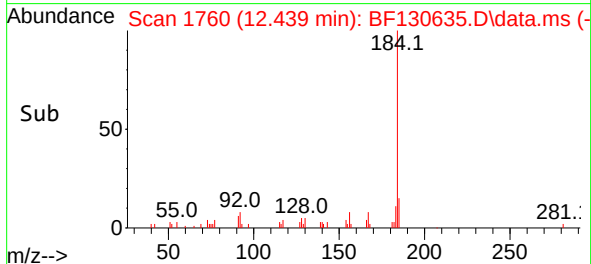
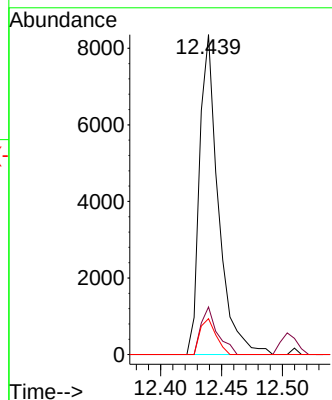
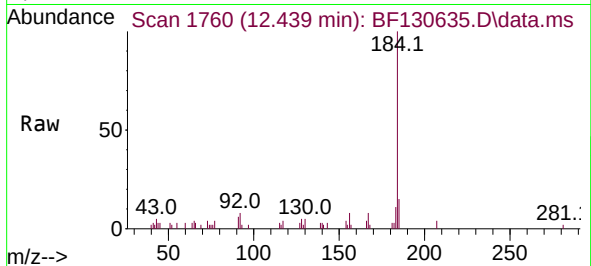




#77
Benzidine
Concen: 2.252 ng
RT: 12.439 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF130635.D
Acq: 12 Oct 2022 18:00

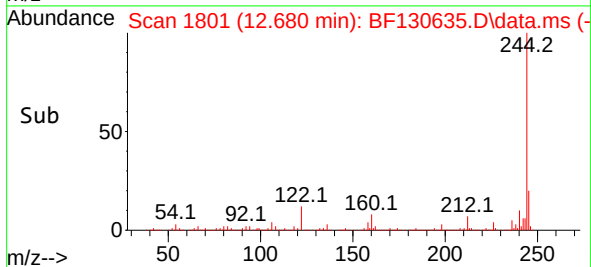
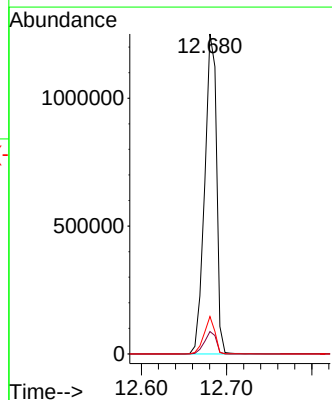
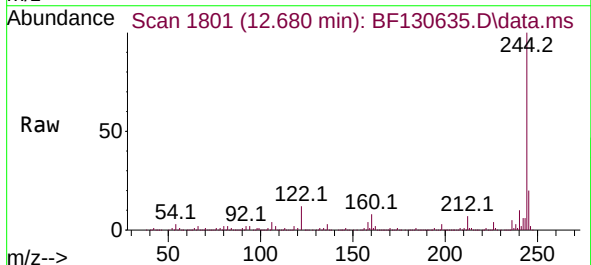
Instrument :
BNA_F
ClientSampleId :
C20(19-20)

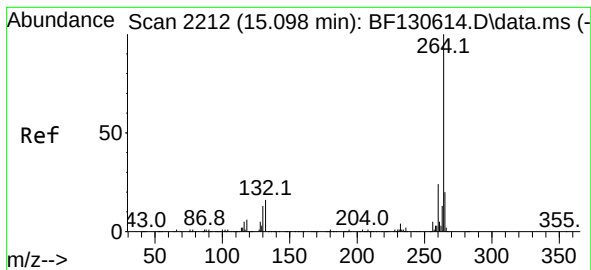
Tgt Ion:184 Resp: 8970
Ion Ratio Lower Upper
184 100
185 14.9 12.0 18.0
183 11.2 9.0 13.4



#79
Terphenyl-d14
Concen: 127.364 ng
RT: 12.680 min Scan# 1801
Delta R.T. -0.006 min
Lab File: BF130635.D
Acq: 12 Oct 2022 18:00

Tgt Ion:244 Resp: 1209366
Ion Ratio Lower Upper
244 100
212 7.0 5.4 8.0
122 11.7 7.5 11.3#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.092 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BF130635.D
 Acq: 12 Oct 2022 18:00

Instrument :
 BNA_F
 ClientSampleId :
 C20(19-20)

Tgt Ion:264 Resp: 153544
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.1 28.7
 265 22.1 16.4 24.6

