

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121323\
 Data File : BF136536.D
 Acq On : 13 Dec 2023 14:09
 Operator : CG\JU
 Sample : 05737-01 10X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SU-02-12082023

Quant Time: Dec 13 14:48:11 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 06 09:40:27 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.792	152	100952	20.000	ng	-0.01
21) Naphthalene-d8	8.069	136	371393	20.000	ng	-0.01
39) Acenaphthene-d10	9.828	164	172988	20.000	ng	-0.01
64) Phenanthrene-d10	11.322	188	260153	20.000	ng	0.00
76) Chrysene-d12	13.974	240	209750	20.000	ng	0.00
86) Perylene-d12	15.451	264	214542	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	79789	11.672	ng	0.00
7) Phenol-d6	6.434	99	96490	11.314	ng	-0.01
23) Nitrobenzene-d5	7.351	82	56356	8.203	ng	-0.02
42) 2,4,6-Tribromophenol	10.622	330	19741	9.255	ng	-0.01
45) 2-Fluorobiphenyl	9.145	172	115386	9.101	ng	-0.02
79) Terphenyl-d14	12.910	244	94627	5.946	ng	-0.01

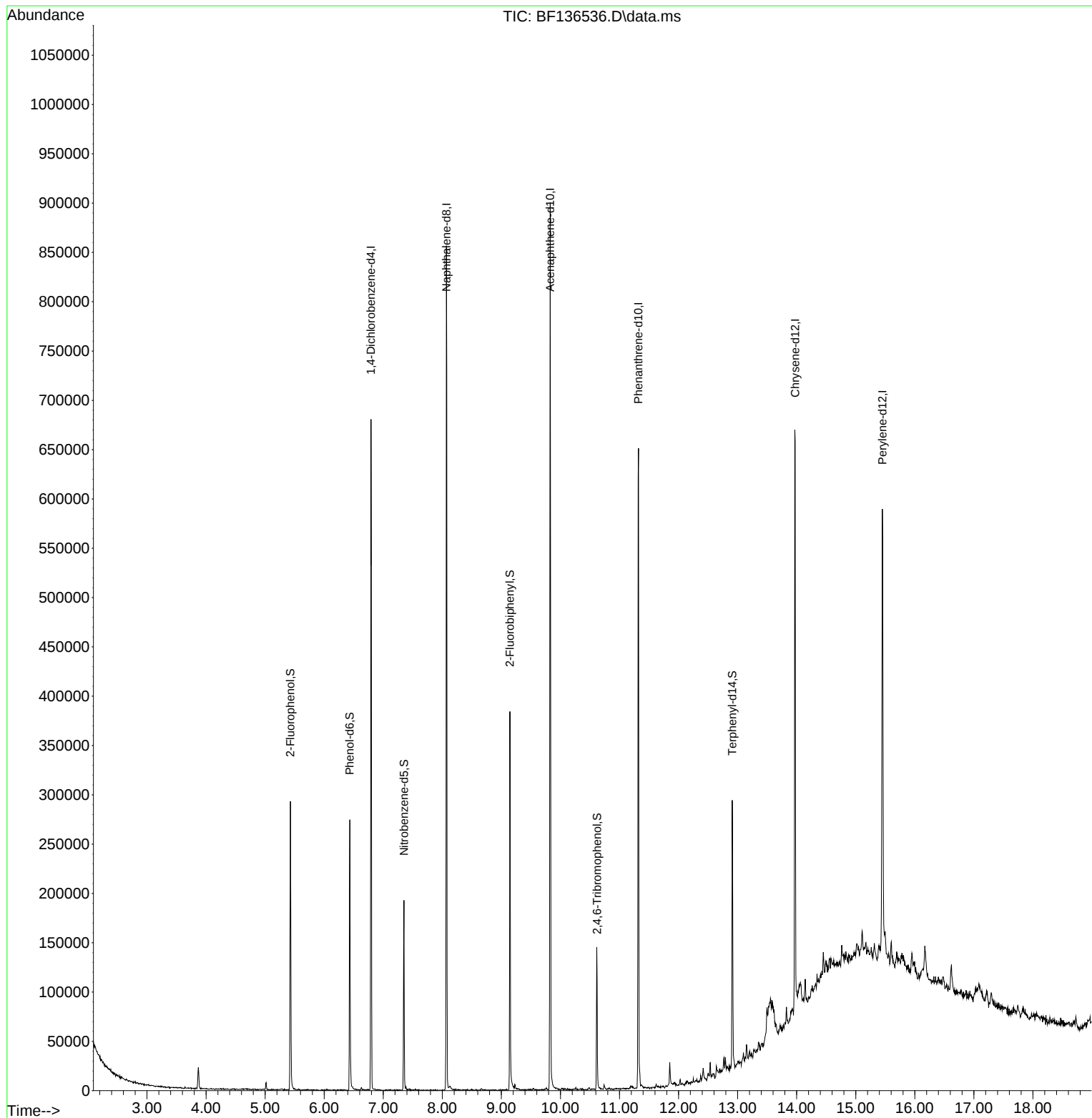
Target Compounds	Qvalue

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121323\
Data File : BF136536.D
Acq On : 13 Dec 2023 14:09
Operator : CG\JU
Sample : 05737-01 10X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SU-02-12082023

Quant Time: Dec 13 14:48:11 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 06 09:40:27 2023
Response via : Initial Calibration

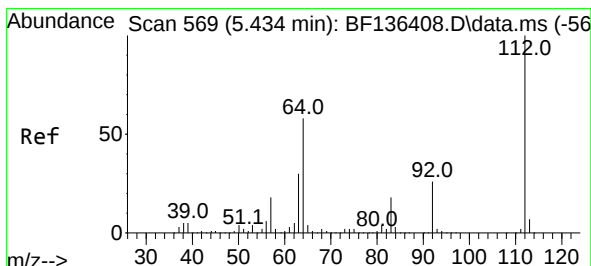
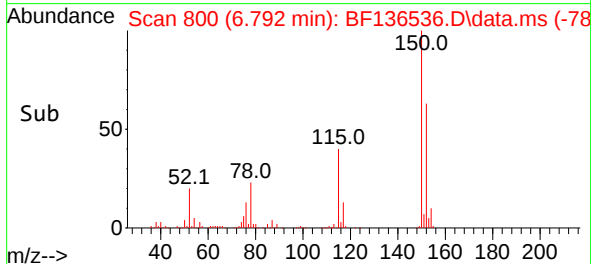
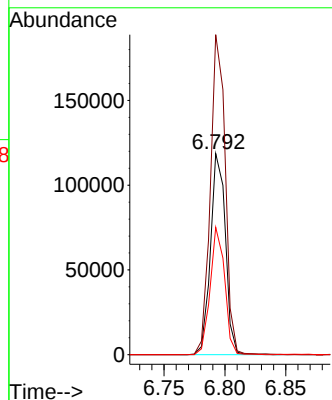
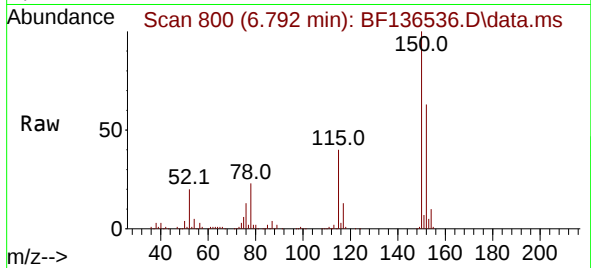




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.792 min Scan# 80
Delta R.T. -0.012 min
Lab File: BF136536.D
Acq: 13 Dec 2023 14:09

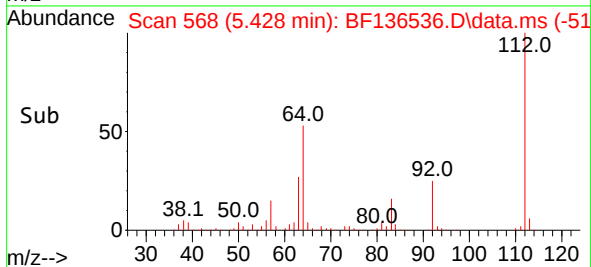
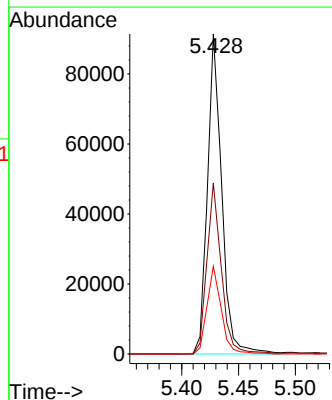
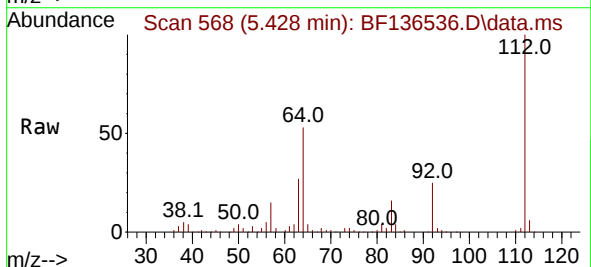
Instrument :
BNA_F
ClientSampleId :
SU-02-12082023

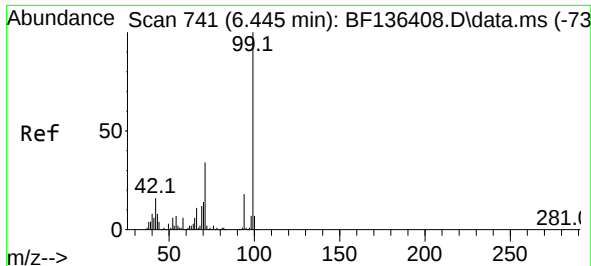
Tgt Ion:152 Resp: 100952
Ion Ratio Lower Upper
152 100
150 159.1 126.4 189.6
115 63.3 48.2 72.4



#5
2-Fluorophenol
Concen: 11.672 ng
RT: 5.428 min Scan# 568
Delta R.T. -0.006 min
Lab File: BF136536.D
Acq: 13 Dec 2023 14:09

Tgt Ion:112 Resp: 79789
Ion Ratio Lower Upper
112 100
64 53.4 46.5 69.7
63 27.4 23.9 35.9

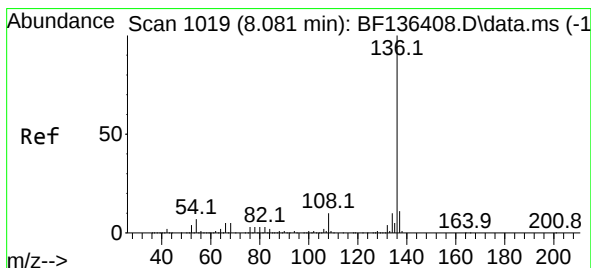
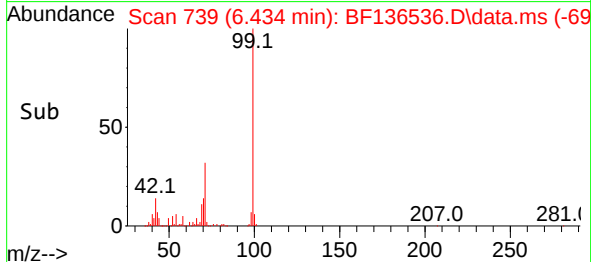
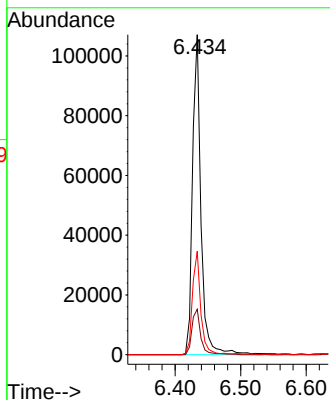
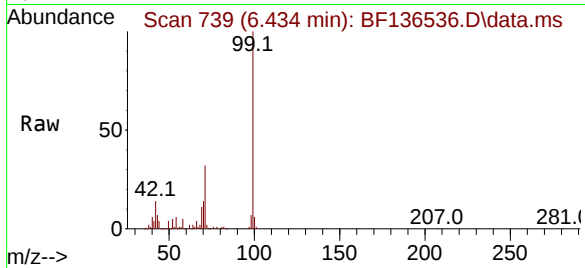




#7
Phenol-d6
Concen: 11.314 ng
RT: 6.434 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF136536.D
Acq: 13 Dec 2023 14:09

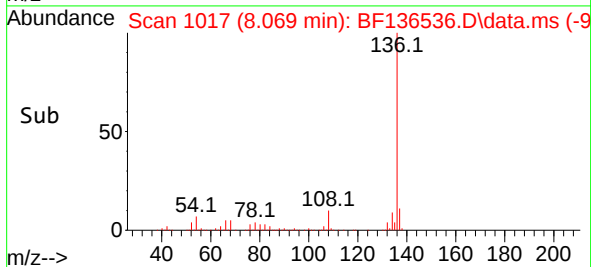
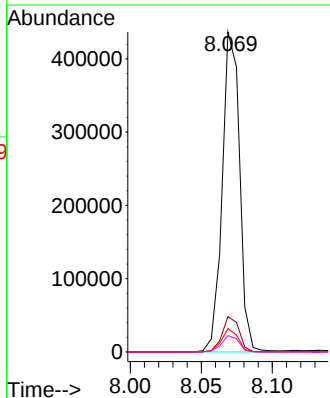
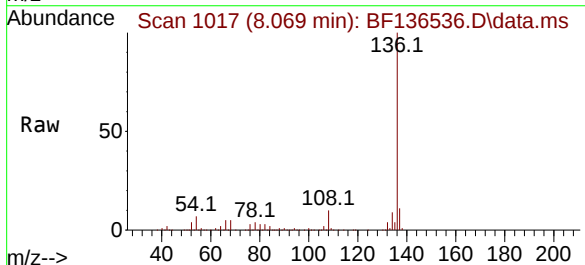
Instrument :
BNA_F
ClientSampleId :
SU-02-12082023

Tgt Ion: 99 Resp: 96490
Ion Ratio Lower Upper
99 100
42 14.2 12.8 19.2
71 32.3 27.0 40.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.069 min Scan# 1017
Delta R.T. -0.012 min
Lab File: BF136536.D
Acq: 13 Dec 2023 14:09

Tgt Ion: 136 Resp: 371393
Ion Ratio Lower Upper
136 100
137 11.0 8.6 12.8
54 7.3 5.7 8.5
68 5.1 4.0 6.0





#23

Nitrobenzene-d5

Concen: 8.203 ng

RT: 7.351 min Scan# 89

Delta R.T. -0.018 min

Lab File: BF136536.D

Acq: 13 Dec 2023 14:09

Instrument :

BNA_F

ClientSampleId :

SU-02-12082023

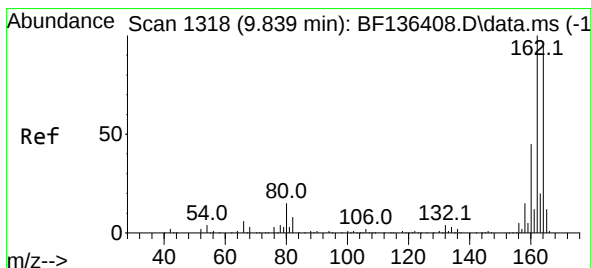
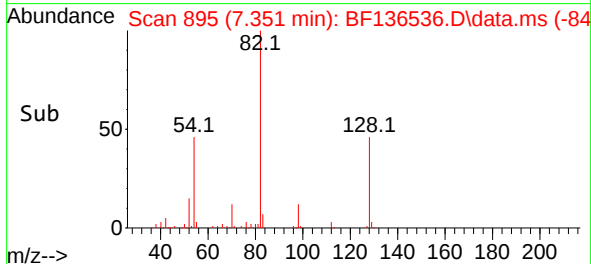
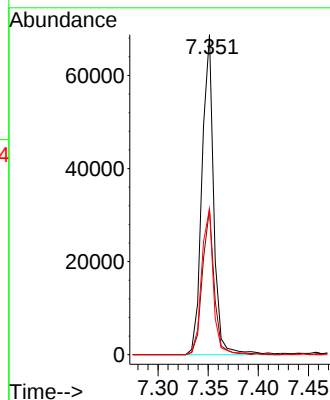
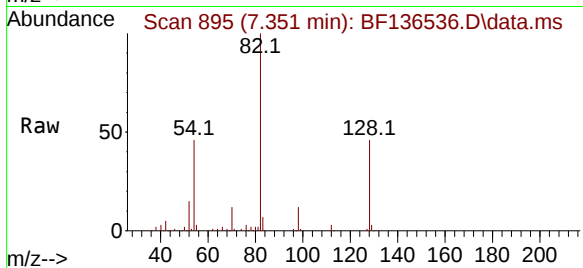
Tgt Ion: 82 Resp: 56356

Ion Ratio Lower Upper

82 100

128 45.6 36.3 54.5

54 45.6 39.0 58.6



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.828 min Scan# 1316

Delta R.T. -0.012 min

Lab File: BF136536.D

Acq: 13 Dec 2023 14:09

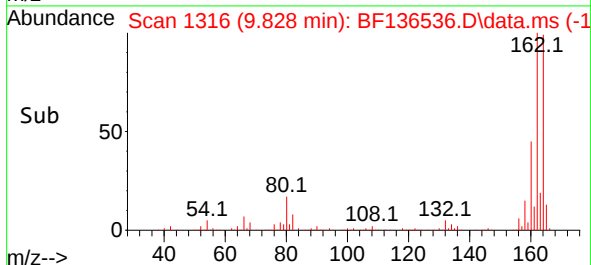
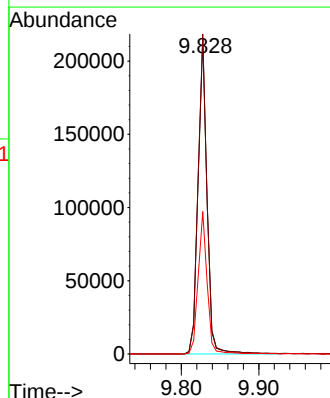
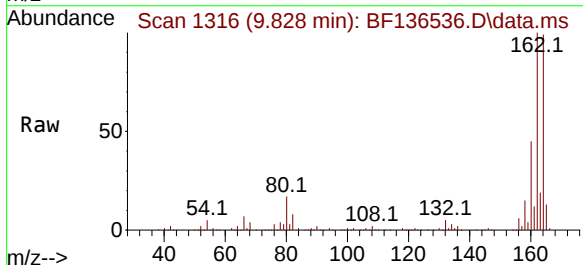
Tgt Ion: 164 Resp: 172988

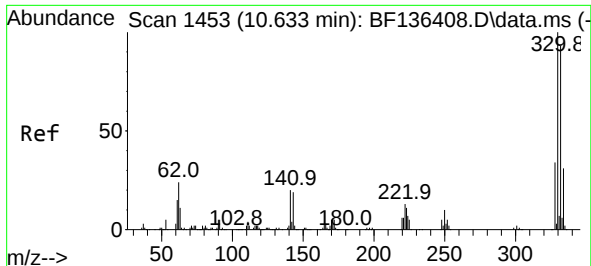
Ion Ratio Lower Upper

164 100

162 101.3 84.4 126.6

160 45.1 37.6 56.4





#42

2,4,6-Tribromophenol

Concen: 9.255 ng

RT: 10.622 min Scan# 1453

Delta R.T. -0.012 min

Lab File: BF136536.D

Acq: 13 Dec 2023 14:09

Instrument :

BNA_F

ClientSampleId :

SU-02-12082023

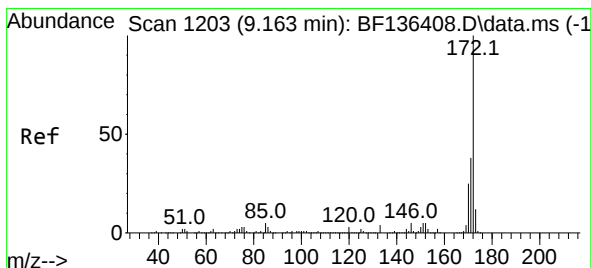
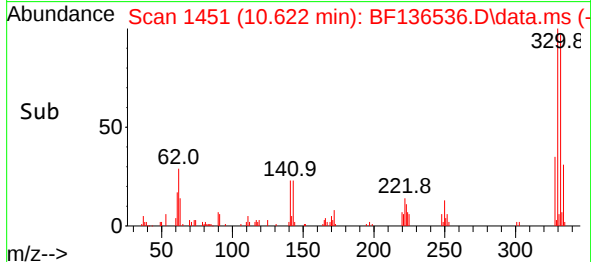
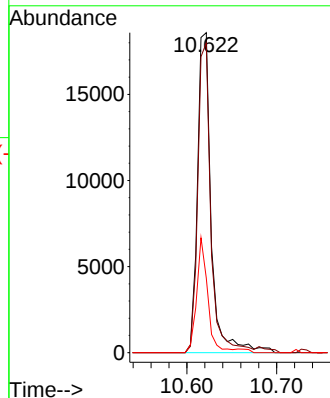
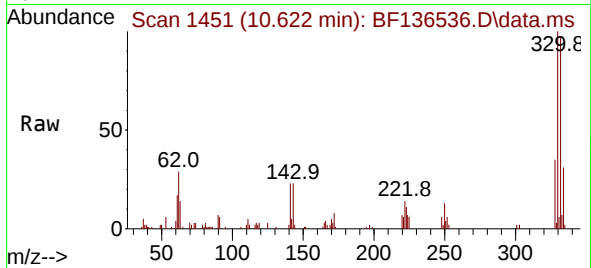
Tgt Ion:330 Resp: 19741

Ion Ratio Lower Upper

330 100

332 91.8 76.4 114.6

141 28.9 23.4 35.2



#45

2-Fluorobiphenyl

Concen: 9.101 ng

RT: 9.145 min Scan# 1200

Delta R.T. -0.018 min

Lab File: BF136536.D

Acq: 13 Dec 2023 14:09

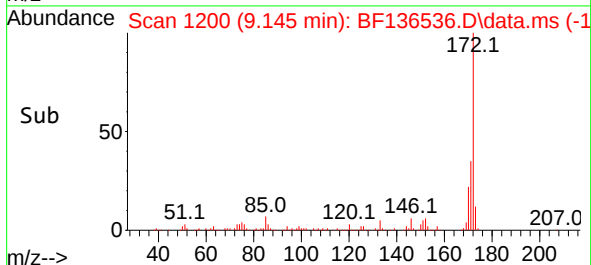
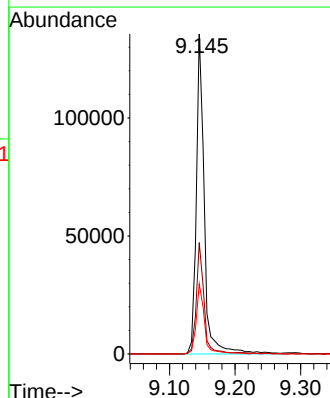
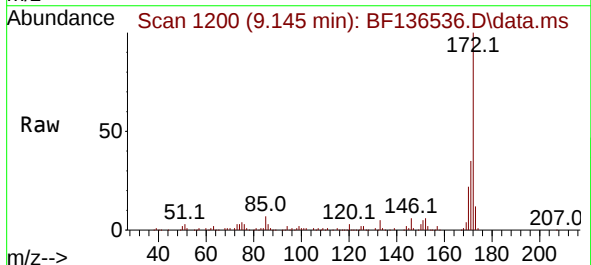
Tgt Ion:172 Resp: 115386

Ion Ratio Lower Upper

172 100

171 34.8 30.5 45.7

170 21.9 19.9 29.9

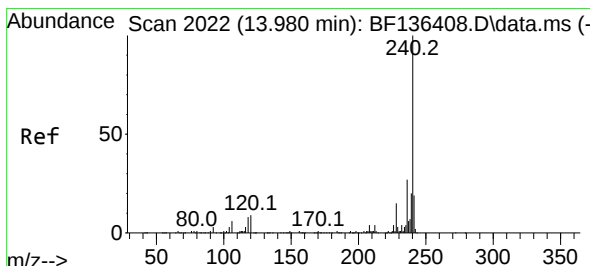
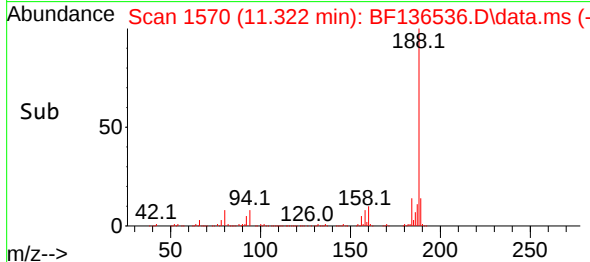
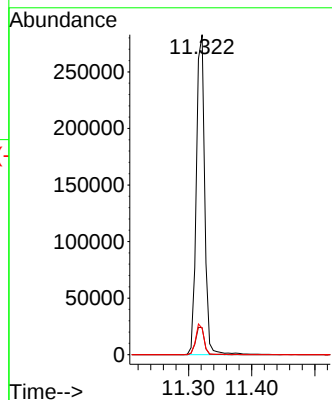
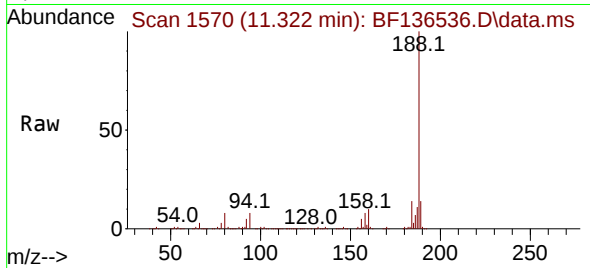




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.322 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF136536.D
Acq: 13 Dec 2023 14:09

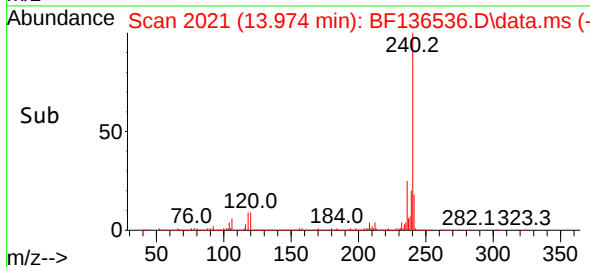
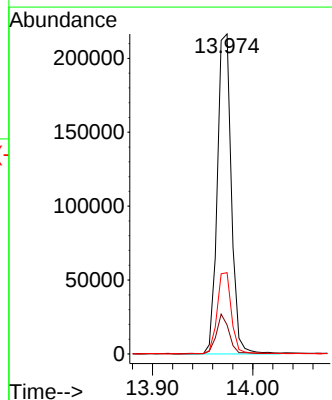
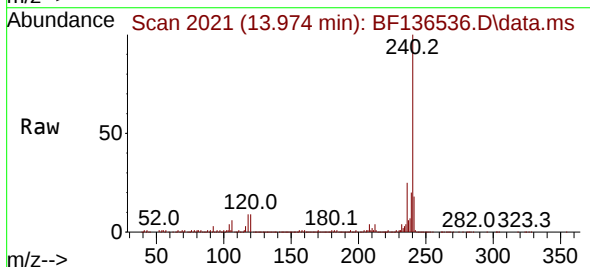
Instrument :
BNA_F
ClientSampleId :
SU-02-12082023

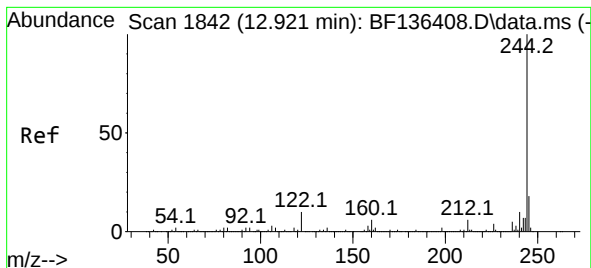
Tgt Ion:188 Resp: 260153
Ion Ratio Lower Upper
188 100
94 8.4 7.2 10.8
80 8.3 7.2 10.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.974 min Scan# 2021
Delta R.T. -0.006 min
Lab File: BF136536.D
Acq: 13 Dec 2023 14:09

Tgt Ion:240 Resp: 209750
Ion Ratio Lower Upper
240 100
120 9.1 7.3 10.9
236 25.4 21.3 31.9





#79

Terphenyl-d14

Concen: 5.946 ng

RT: 12.910 min Scan# 1840

Delta R.T. -0.012 min

Lab File: BF136536.D

Acq: 13 Dec 2023 14:09

Instrument :

BNA_F

ClientSampleId :

SU-02-12082023

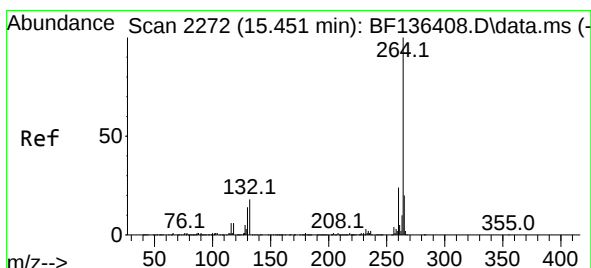
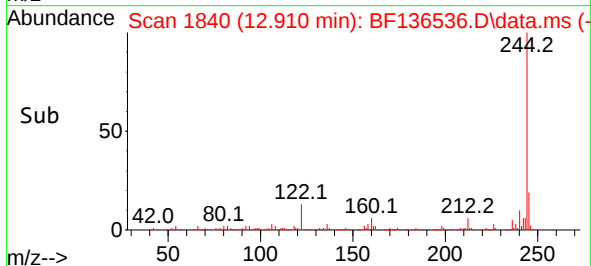
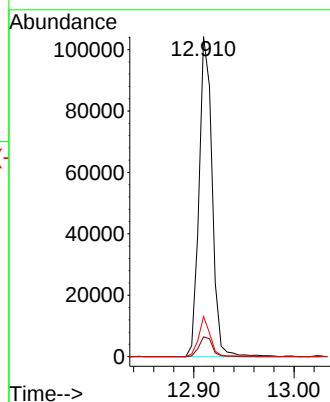
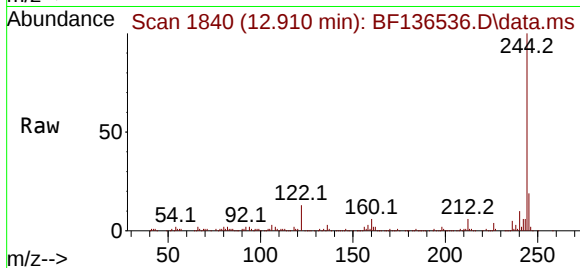
Tgt Ion:244 Resp: 94627

Ion Ratio Lower Upper

244 100

212 6.2 5.0 7.4

122 12.6 8.3 12.5#



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.451 min Scan# 2272

Delta R.T. -0.000 min

Lab File: BF136536.D

Acq: 13 Dec 2023 14:09

Tgt Ion:264 Resp: 214542

Ion Ratio Lower Upper

264 100

260 23.9 19.2 28.8

265 22.3 15.9 23.9

