

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122923\
 Data File : BF136825.D
 Acq On : 29 Dec 2023 13:07
 Operator : CG\JU
 Sample : 06017-07
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB32-1-20231222-12.5-13.5

Quant Time: Dec 29 13:34:04 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 21 01:54:25 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	69541	20.000	ng	-0.01
21) Naphthalene-d8	8.057	136	269241	20.000	ng	-0.01
39) Acenaphthene-d10	9.816	164	137090	20.000	ng	-0.01
64) Phenanthrene-d10	11.310	188	264520	20.000	ng	0.00
76) Chrysene-d12	13.963	240	157279	20.000	ng	0.00
86) Perylene-d12	15.445	264	137631	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	347181	77.897	ng	0.00
7) Phenol-d6	6.428	99	426358	73.827	ng	-0.01
23) Nitrobenzene-d5	7.340	82	259250	49.272	ng	-0.02
42) 2,4,6-Tribromophenol	10.610	330	123988	76.795	ng	-0.01
45) 2-Fluorobiphenyl	9.134	172	476122	46.712	ng	-0.02
79) Terphenyl-d14	12.904	244	441421	39.221	ng	-0.01

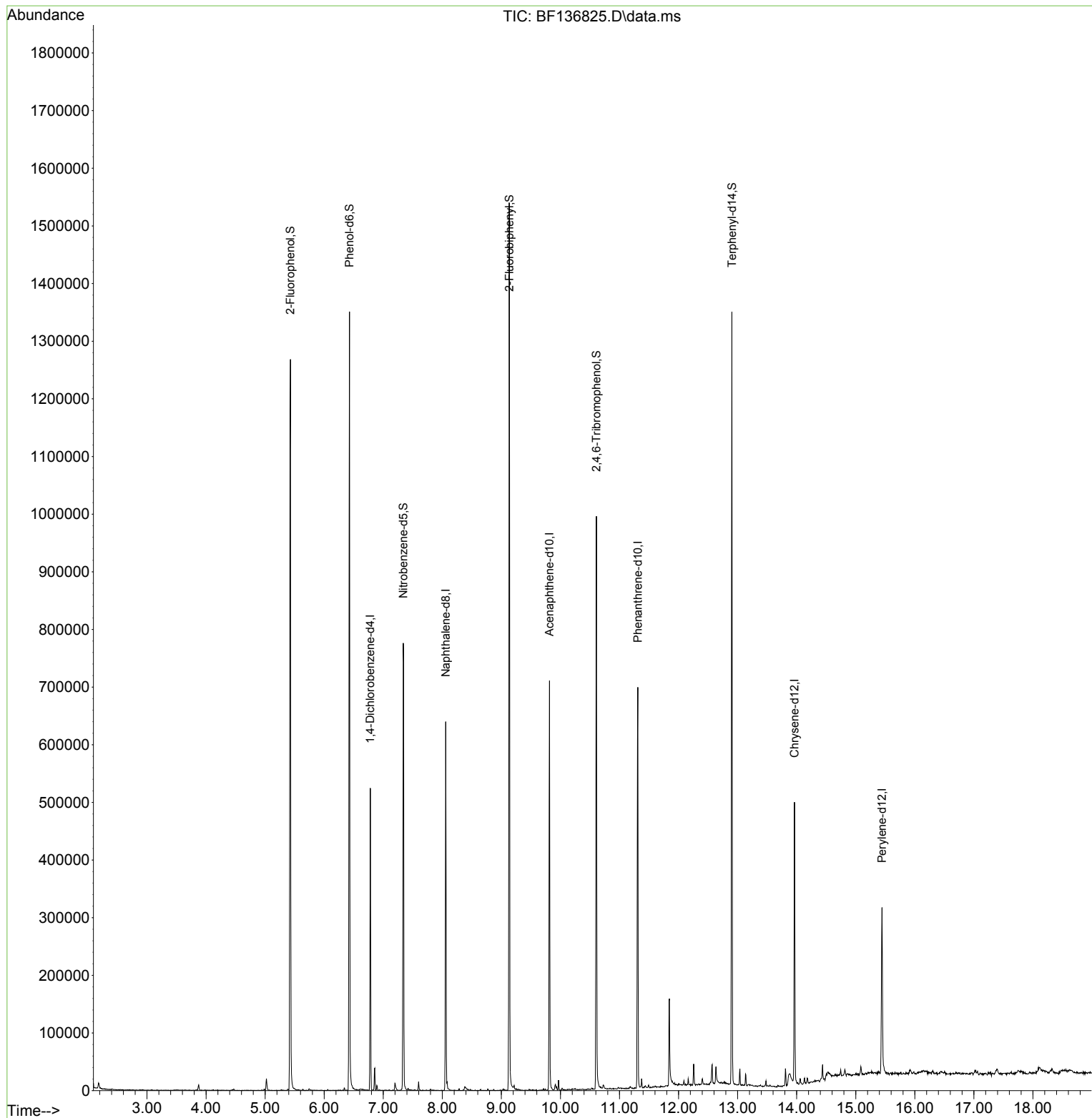
Target Compounds	Qvalue

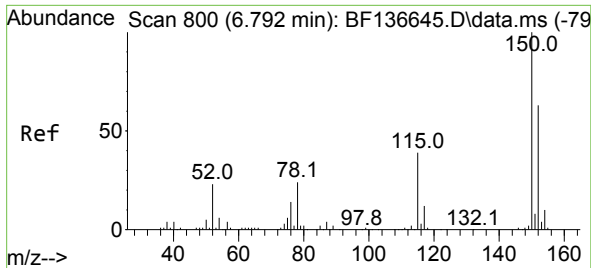
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122923\
Data File : BF136825.D
Acq On : 29 Dec 2023 13:07
Operator : CG\JU
Sample : 06017-07
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB32-1-20231222-12.5-13.5

Quant Time: Dec 29 13:34:04 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 21 01:54:25 2023
Response via : Initial Calibration

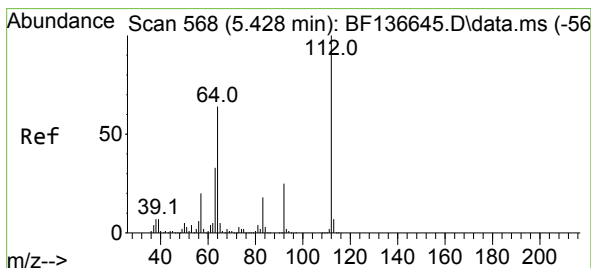
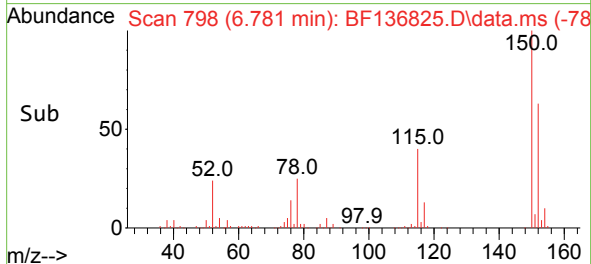
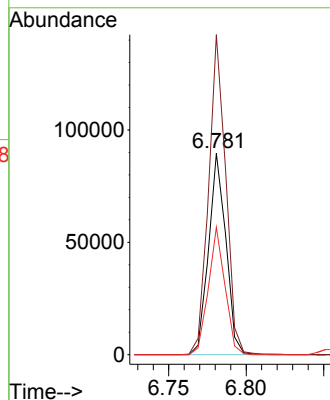
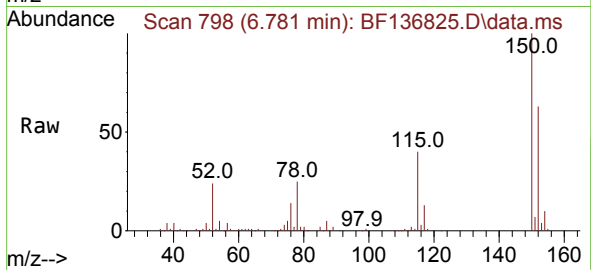




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.781 min Scan# 798
Delta R.T. -0.011 min
Lab File: BF136825.D
Acq: 29 Dec 2023 13:07

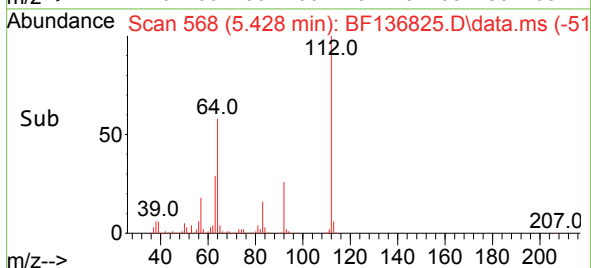
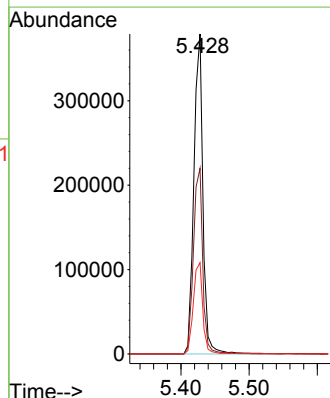
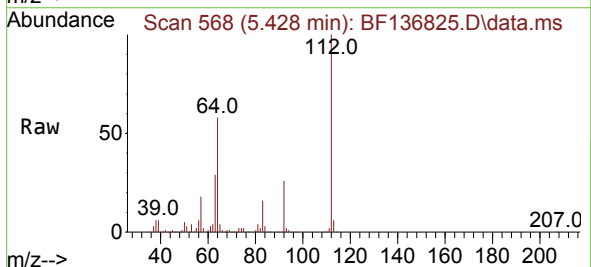
Instrument :
BNA_F
ClientSampleId :
SB32-1-20231222-12.5-13.5

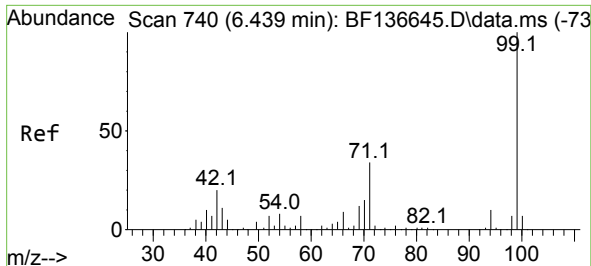
Tgt Ion:152 Resp: 69541
Ion Ratio Lower Upper
152 100
150 158.8 127.0 190.6
115 63.2 49.0 73.4



#5
2-Fluorophenol
Concen: 77.897 ng
RT: 5.428 min Scan# 568
Delta R.T. 0.000 min
Lab File: BF136825.D
Acq: 29 Dec 2023 13:07

Tgt Ion:112 Resp: 347181
Ion Ratio Lower Upper
112 100
64 58.0 51.1 76.7
63 28.5 26.1 39.1

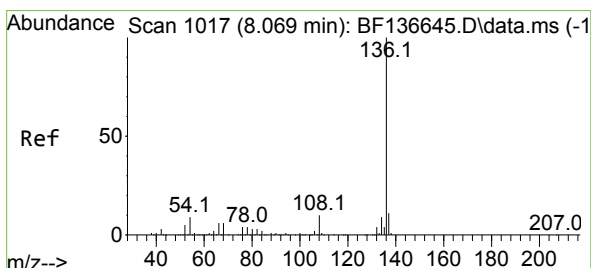
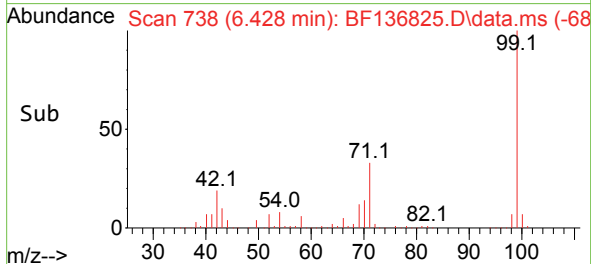
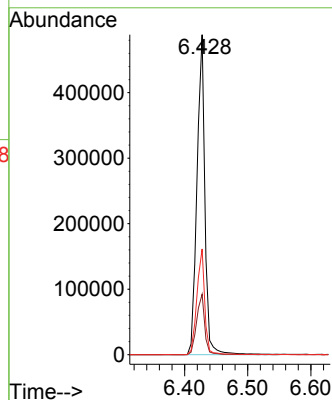
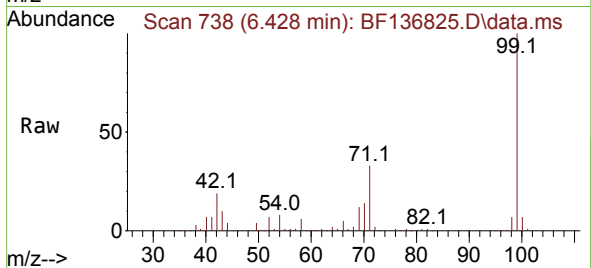




#7
Phenol-d6
Concen: 73.827 ng
RT: 6.428 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF136825.D
Acq: 29 Dec 2023 13:07

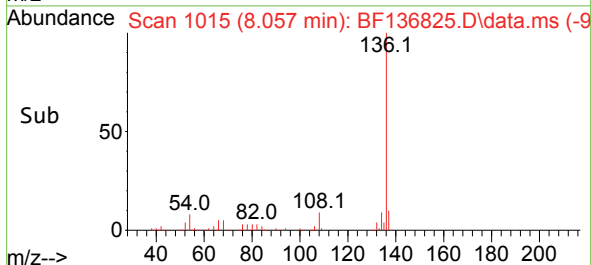
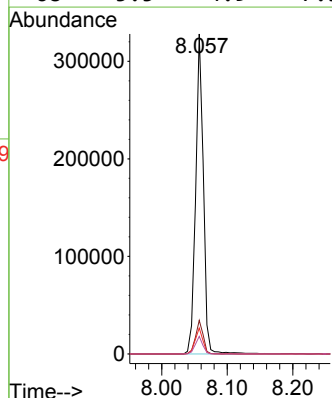
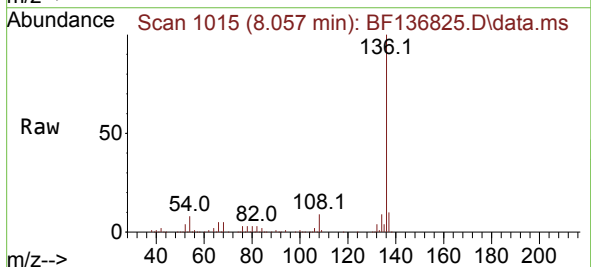
Instrument :
BNA_F
ClientSampleId :
SB32-1-20231222-12.5-13.5

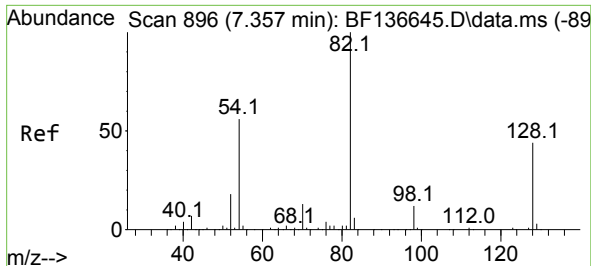
Tgt Ion: 99 Resp: 426358
Ion Ratio Lower Upper
99 100
42 18.9 16.1 24.1
71 33.1 27.4 41.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.057 min Scan# 1015
Delta R.T. -0.012 min
Lab File: BF136825.D
Acq: 29 Dec 2023 13:07

Tgt Ion: 136 Resp: 269241
Ion Ratio Lower Upper
136 100
137 10.5 9.0 13.4
54 8.1 7.2 10.8
68 5.5 4.9 7.3

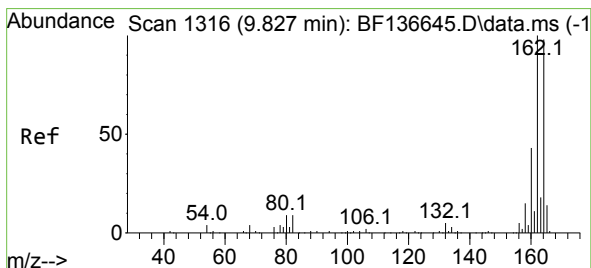
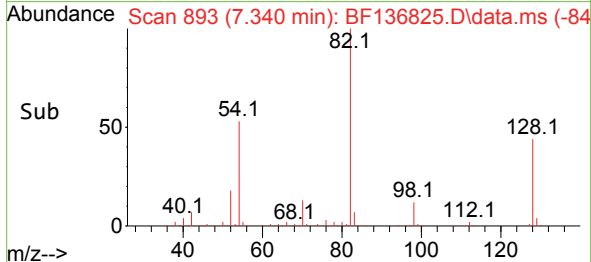
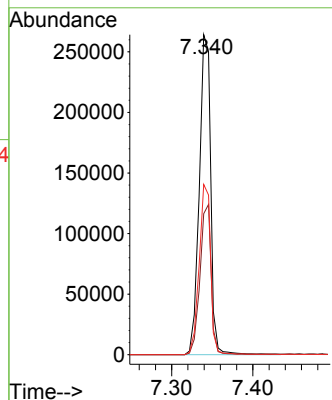
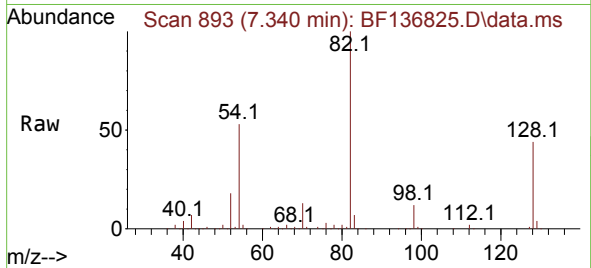




#23
Nitrobenzene-d5
Concen: 49.272 ng
RT: 7.340 min Scan# 896
Delta R.T. -0.017 min
Lab File: BF136825.D
Acq: 29 Dec 2023 13:07

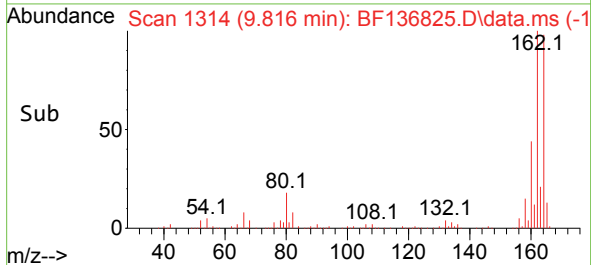
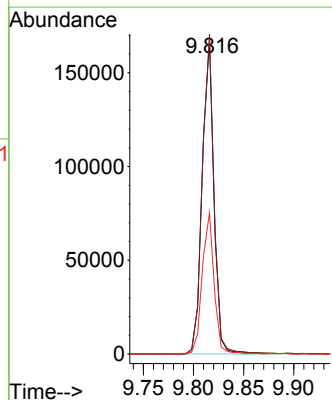
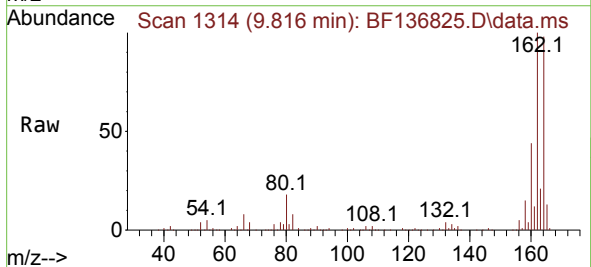
Instrument :
BNA_F
ClientSampleId :
SB32-1-20231222-12.5-13.5

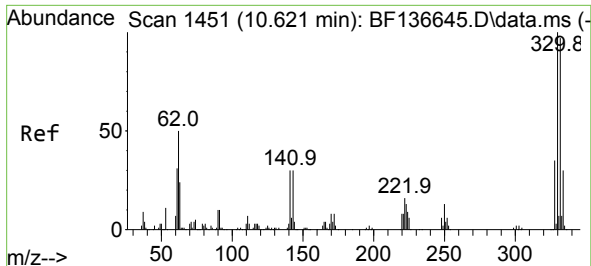
Tgt Ion: 82 Resp: 259250
Ion Ratio Lower Upper
82 100
128 44.0 35.3 52.9
54 53.2 44.5 66.7



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.816 min Scan# 1314
Delta R.T. -0.012 min
Lab File: BF136825.D
Acq: 29 Dec 2023 13:07

Tgt Ion:164 Resp: 137090
Ion Ratio Lower Upper
164 100
162 102.3 81.6 122.4
160 45.1 34.9 52.3





#42

2,4,6-Tribromophenol

Concen: 76.795 ng

RT: 10.610 min Scan# 1451

Delta R.T. -0.012 min

Lab File: BF136825.D

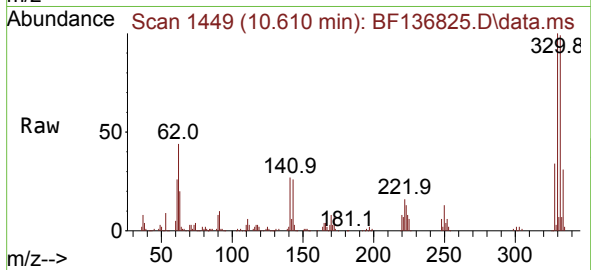
Acq: 29 Dec 2023 13:07

Instrument :

BNA_F

ClientSampleId :

SB32-1-20231222-12.5-13.5



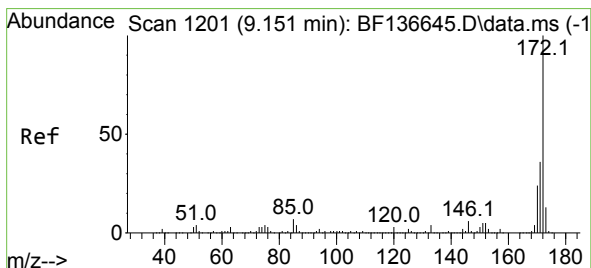
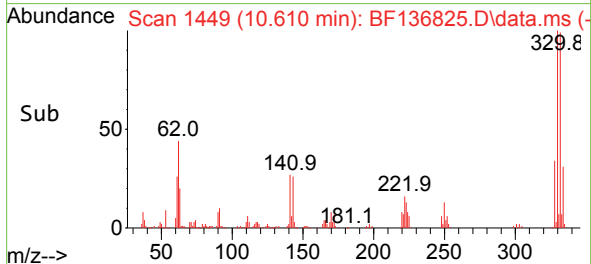
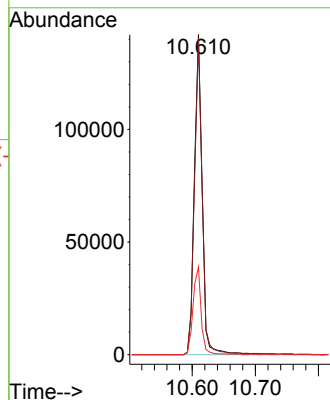
Tgt Ion:330 Resp: 123988

Ion Ratio Lower Upper

330 100

332 97.2 77.4 116.0

141 28.4 23.4 35.2



#45

2-Fluorobiphenyl

Concen: 46.712 ng

RT: 9.134 min Scan# 1198

Delta R.T. -0.017 min

Lab File: BF136825.D

Acq: 29 Dec 2023 13:07

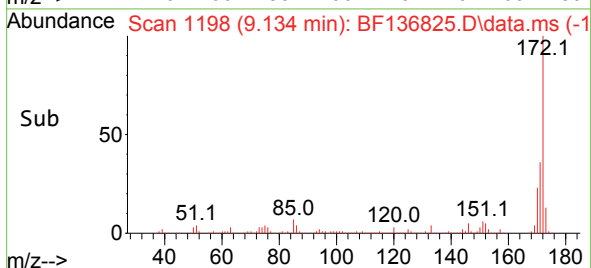
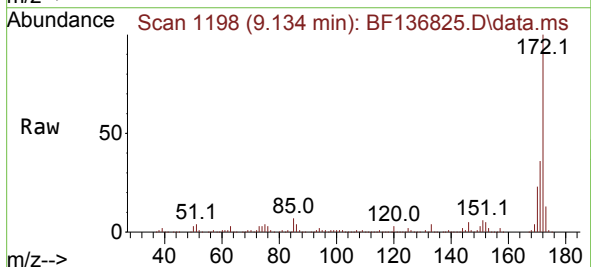
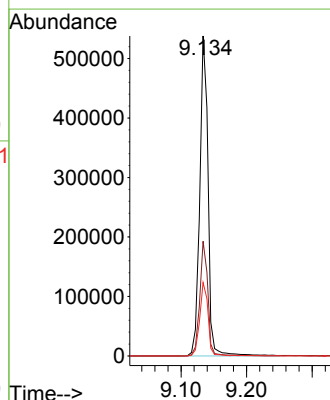
Tgt Ion:172 Resp: 476122

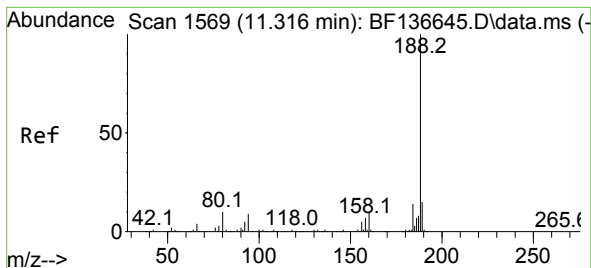
Ion Ratio Lower Upper

172 100

171 35.8 29.0 43.6

170 23.0 19.0 28.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.310 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF136825.D

Acq: 29 Dec 2023 13:07

Instrument :

BNA_F

ClientSampleId :

SB32-1-20231222-12.5-13.5

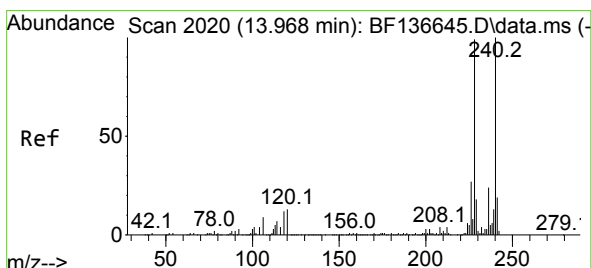
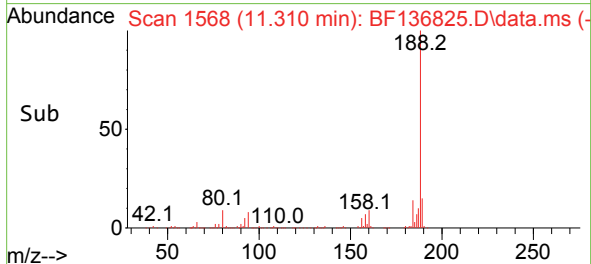
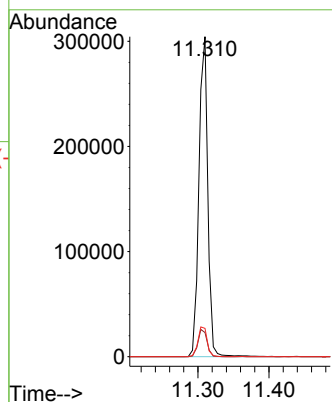
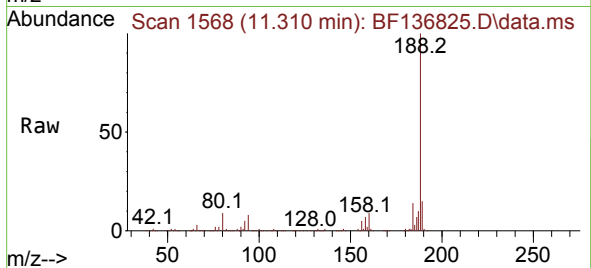
Tgt Ion:188 Resp: 264520

Ion Ratio Lower Upper

188 100

94 7.5 7.5 11.3

80 8.9 8.1 12.1



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.963 min Scan# 2019

Delta R.T. -0.006 min

Lab File: BF136825.D

Acq: 29 Dec 2023 13:07

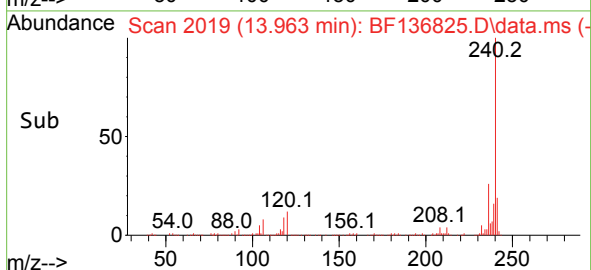
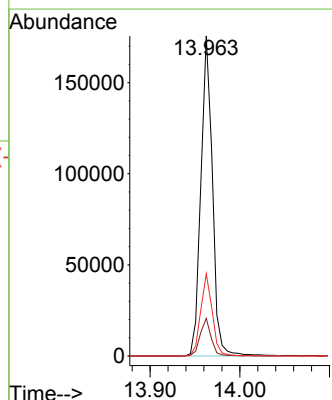
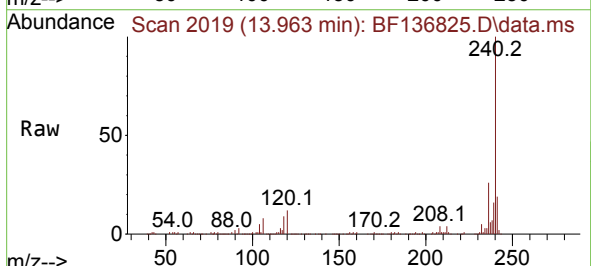
Tgt Ion:240 Resp: 157279

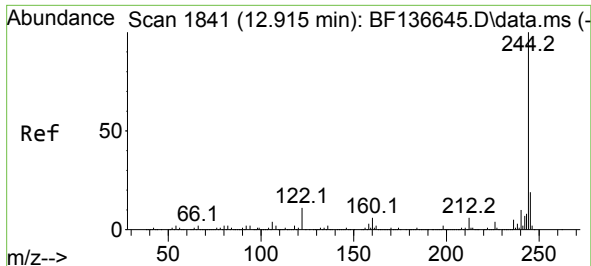
Ion Ratio Lower Upper

240 100

120 11.8 10.3 15.5

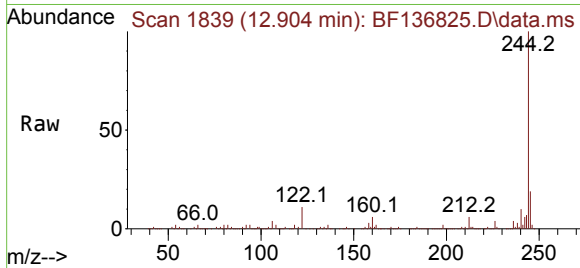
236 25.7 19.4 29.2



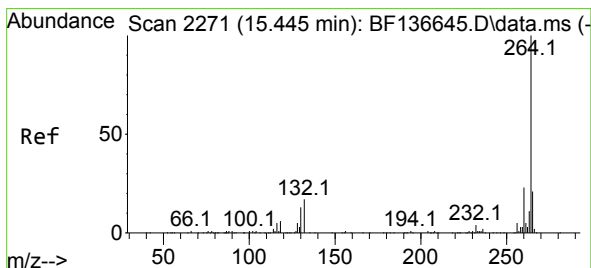
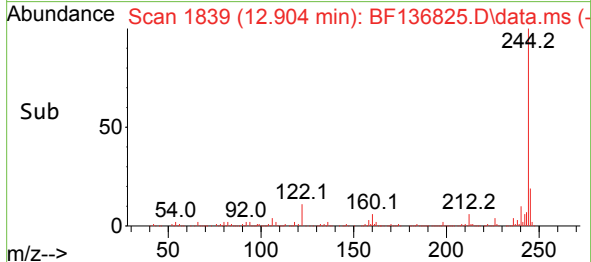
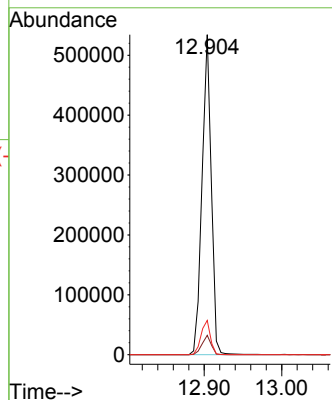


#79
Terphenyl-d14
Concen: 39.221 ng
RT: 12.904 min Scan# 1839
Delta R.T. -0.012 min
Lab File: BF136825.D
Acq: 29 Dec 2023 13:07

Instrument :
BNA_F
ClientSampleId :
SB32-1-20231222-12.5-13.5



Tgt Ion:244 Resp: 441421
Ion Ratio Lower Upper
244 100
212 6.1 5.0 7.4
122 10.7 9.0 13.4



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.445 min Scan# 2271
Delta R.T. 0.000 min
Lab File: BF136825.D
Acq: 29 Dec 2023 13:07

Tgt Ion:264 Resp: 137631
Ion Ratio Lower Upper
264 100
260 22.3 18.3 27.5
265 21.6 17.0 25.6

