

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122923\
 Data File : BF136824.D
 Acq On : 29 Dec 2023 12:36
 Operator : CG\JU
 Sample : 06017-06
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB32-1-20231222-10.0-11.0

Quant Time: Dec 29 12:58:46 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	67481	20.000	ng	-0.01
21) Naphthalene-d8	8.057	136	264280	20.000	ng	-0.01
39) Acenaphthene-d10	9.816	164	133227	20.000	ng	-0.01
64) Phenanthrene-d10	11.310	188	258960	20.000	ng	0.00
76) Chrysene-d12	13.963	240	162516	20.000	ng	0.00
86) Perylene-d12	15.445	264	140254	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	428249	99.019	ng	0.00
7) Phenol-d6	6.428	99	535932	95.633	ng	-0.01
23) Nitrobenzene-d5	7.345	82	322257	62.397	ng	-0.01
42) 2,4,6-Tribromophenol	10.610	330	149059	95.000	ng	-0.01
45) 2-Fluorobiphenyl	9.139	172	613827	61.969	ng	-0.01
79) Terphenyl-d14	12.904	244	609757	52.433	ng	-0.01

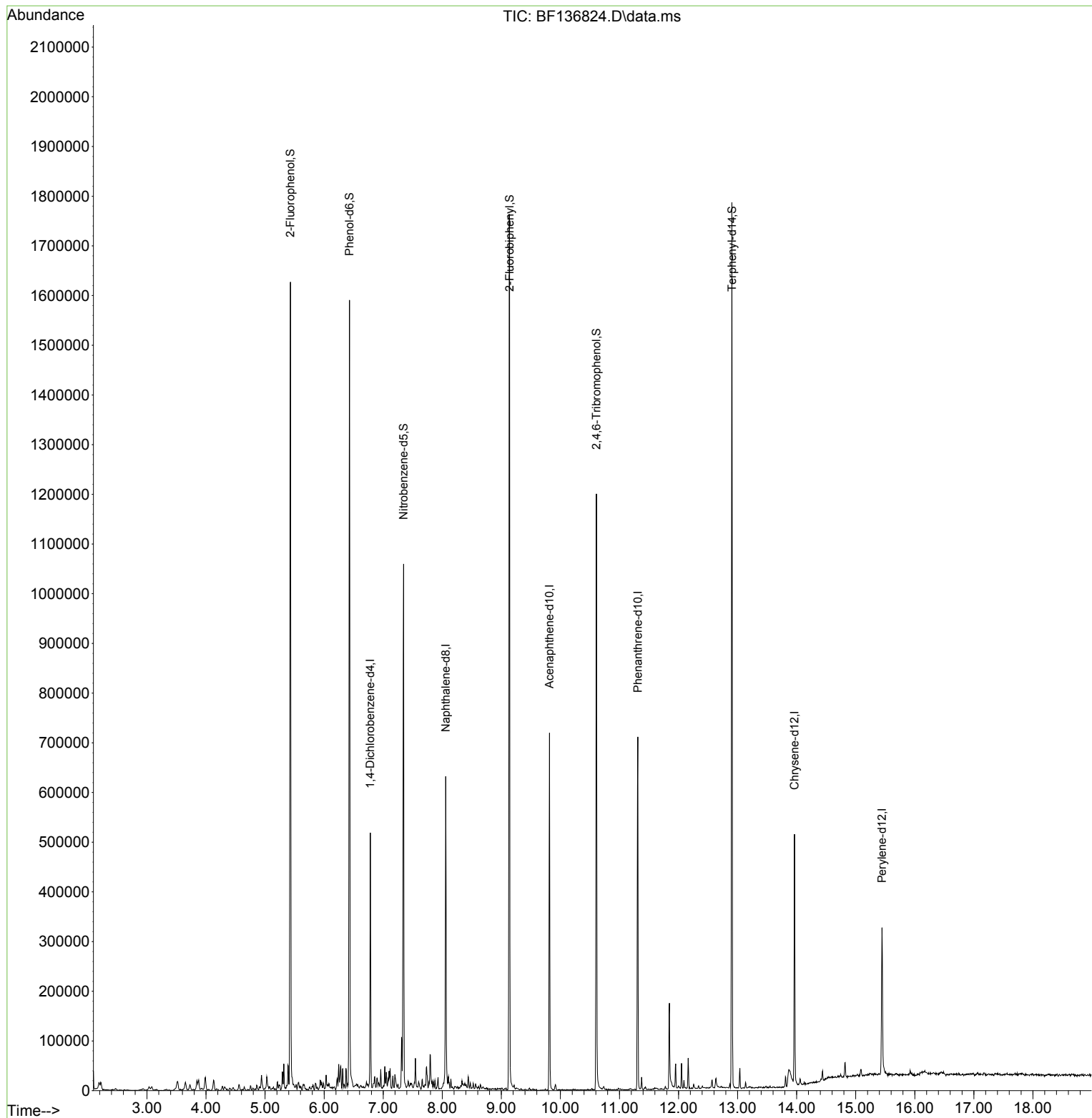
Target Compounds	Qvalue

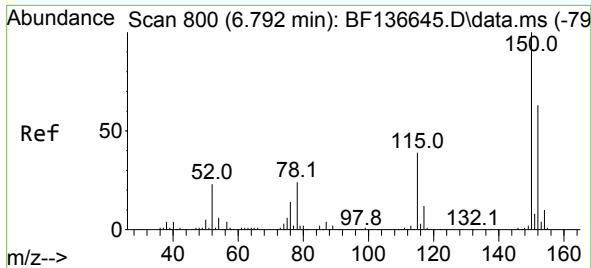
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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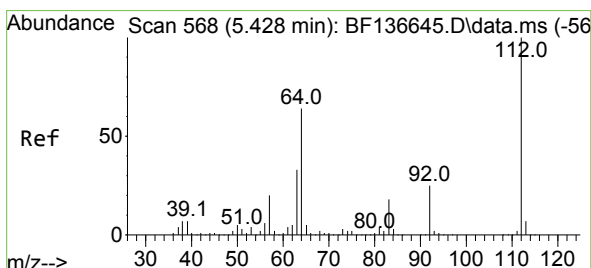
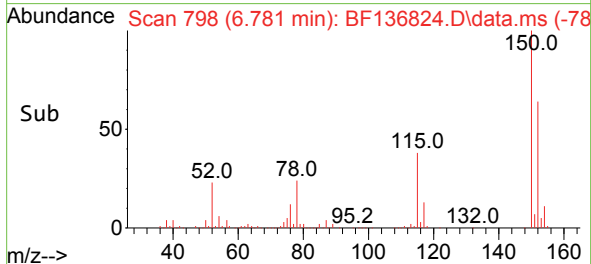
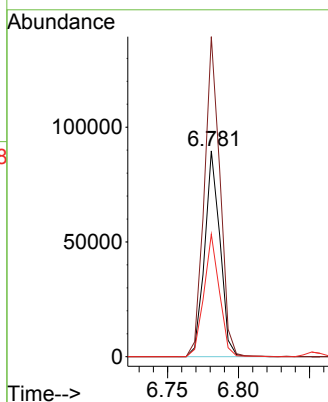
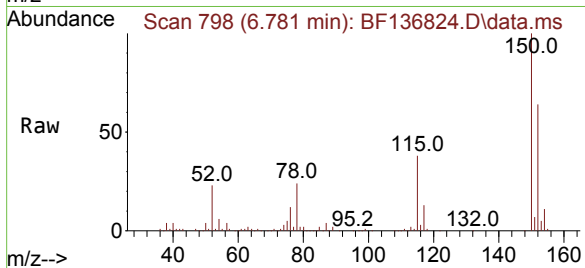




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.781 min Scan# 79
Delta R.T. -0.011 min
Lab File: BF136824.D
Acq: 29 Dec 2023 12:36

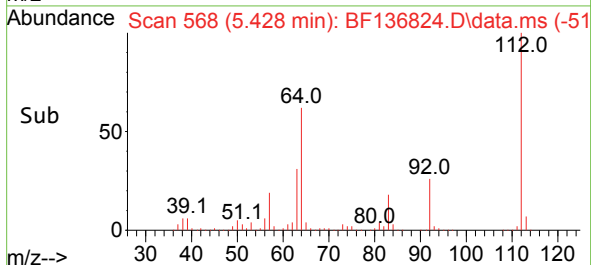
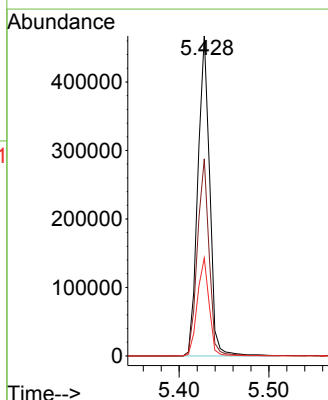
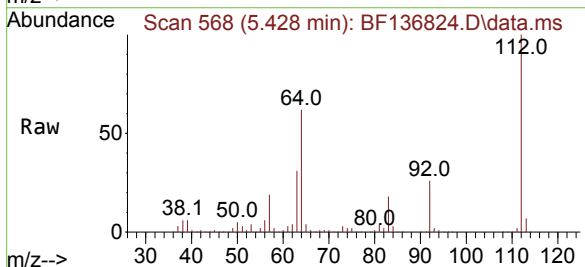
Instrument :
BNA_F
ClientSampleId :
SB32-1-20231222-10.0-11.0

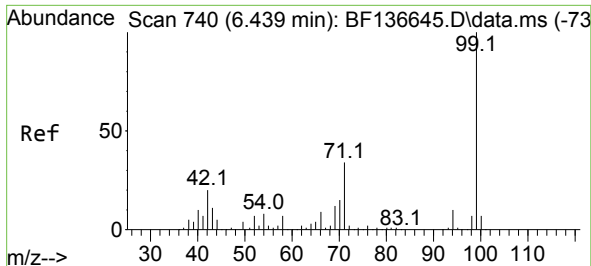
Tgt Ion:152 Resp: 67481
Ion Ratio Lower Upper
152 100
150 155.5 127.0 190.6
115 59.5 49.0 73.4



#5
2-Fluorophenol
Concen: 99.019 ng
RT: 5.428 min Scan# 568
Delta R.T. 0.000 min
Lab File: BF136824.D
Acq: 29 Dec 2023 12:36

Tgt Ion:112 Resp: 428249
Ion Ratio Lower Upper
112 100
64 61.6 51.1 76.7
63 30.6 26.1 39.1

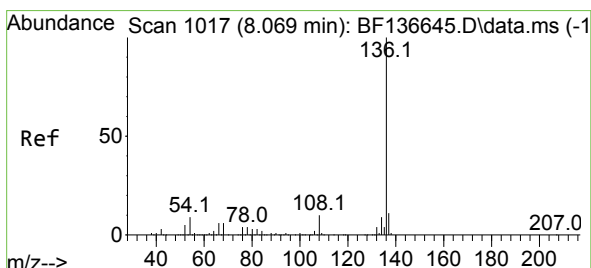
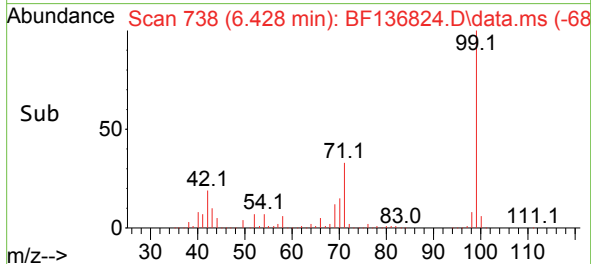
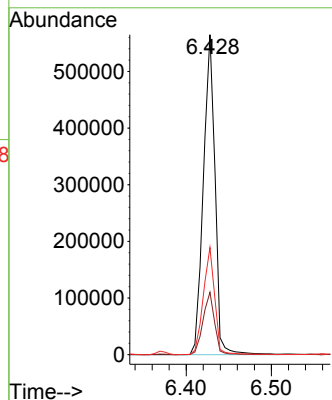
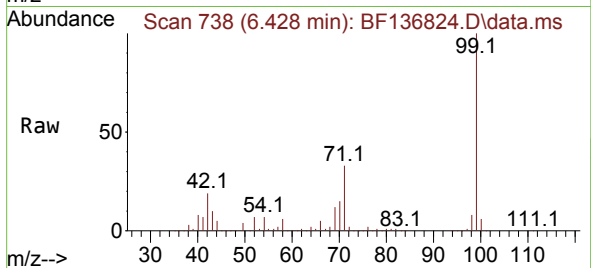




#7
Phenol-d6
Concen: 95.633 ng
RT: 6.428 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF136824.D
Acq: 29 Dec 2023 12:36

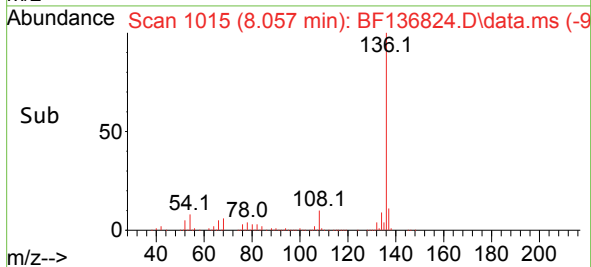
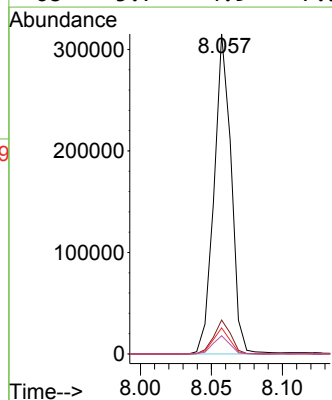
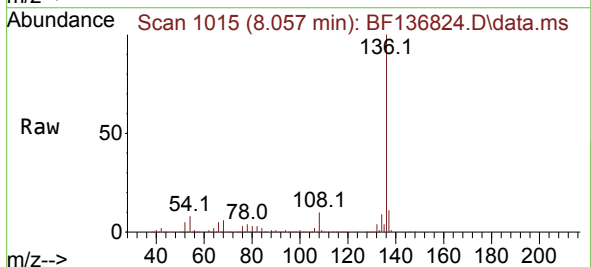
Instrument :
BNA_F
ClientSampleId :
SB32-1-20231222-10.0-11.0

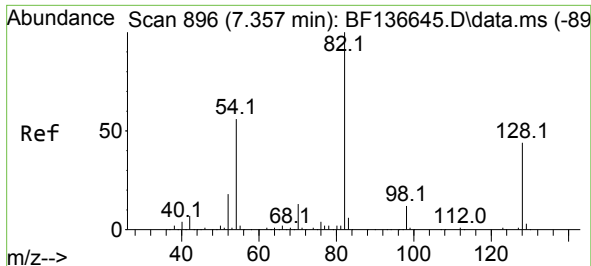
Tgt Ion: 99 Resp: 535932
Ion Ratio Lower Upper
99 100
42 19.5 16.1 24.1
71 33.5 27.4 41.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.057 min Scan# 1015
Delta R.T. -0.012 min
Lab File: BF136824.D
Acq: 29 Dec 2023 12:36

Tgt Ion: 136 Resp: 264280
Ion Ratio Lower Upper
136 100
137 10.6 9.0 13.4
54 8.1 7.2 10.8
68 5.7 4.9 7.3





#23

Nitrobenzene-d5

Concen: 62.397 ng

RT: 7.345 min Scan# 89

Delta R.T. -0.012 min

Lab File: BF136824.D

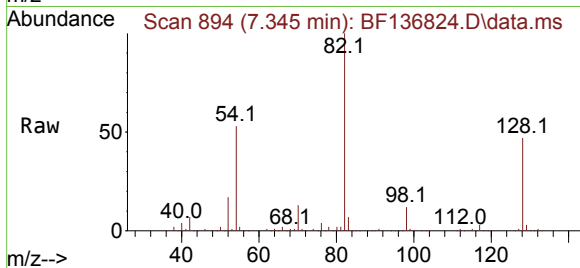
Acq: 29 Dec 2023 12:36

Instrument :

BNA_F

ClientSampleId :

SB32-1-20231222-10.0-11.0



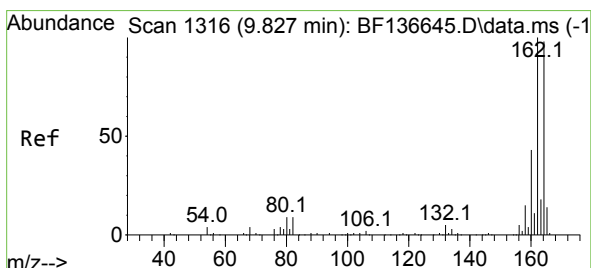
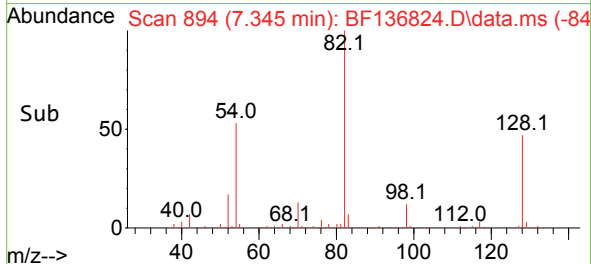
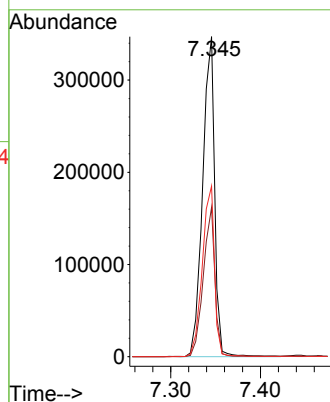
Tgt Ion: 82 Resp: 322257

Ion Ratio Lower Upper

82 100

128 46.7 35.3 52.9

54 53.3 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: BF136824.D

Acq: 29 Dec 2023 12:36

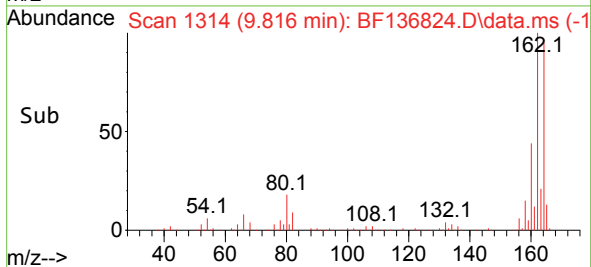
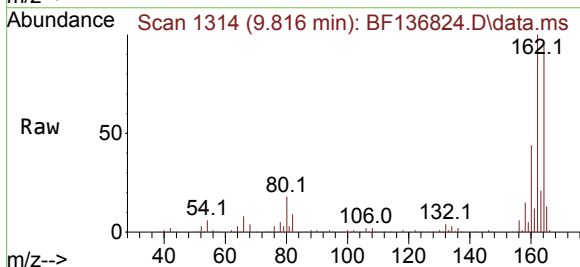
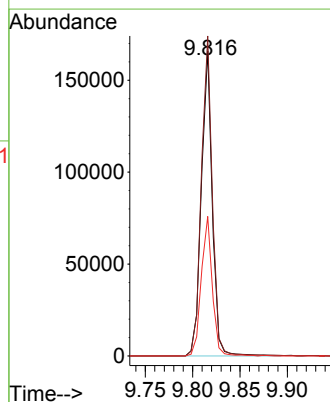
Tgt Ion:164 Resp: 133227

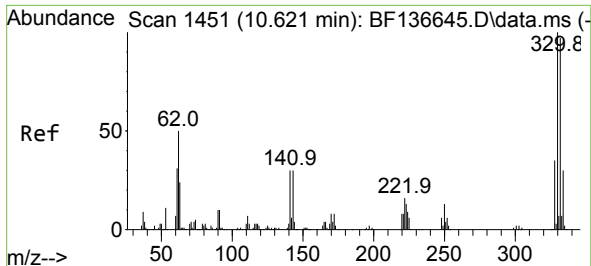
Ion Ratio Lower Upper

164 100

162 104.9 81.6 122.4

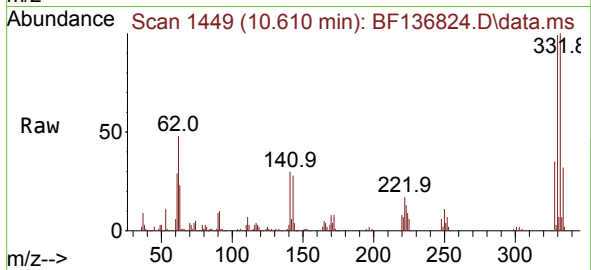
160 45.7 34.9 52.3



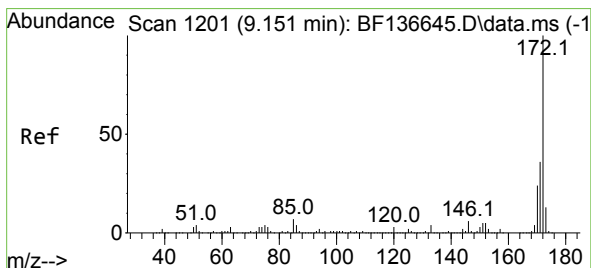
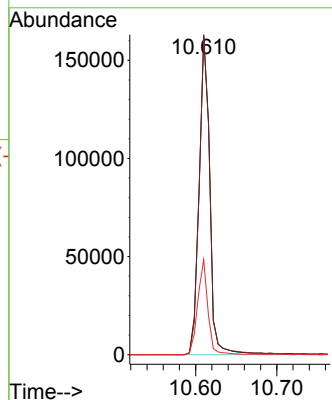
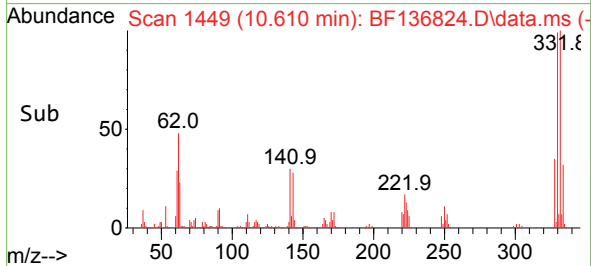


#42
2,4,6-Tribromophenol
Concen: 95.000 ng
RT: 10.610 min Scan# 1451
Delta R.T. -0.012 min
Lab File: BF136824.D
Acq: 29 Dec 2023 12:36

Instrument :
BNA_F
ClientSampleId :
SB32-1-20231222-10.0-11.0

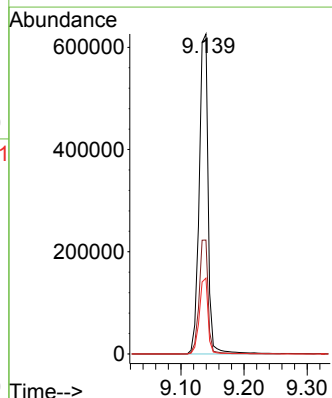
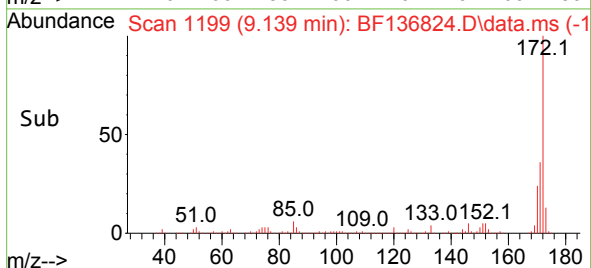
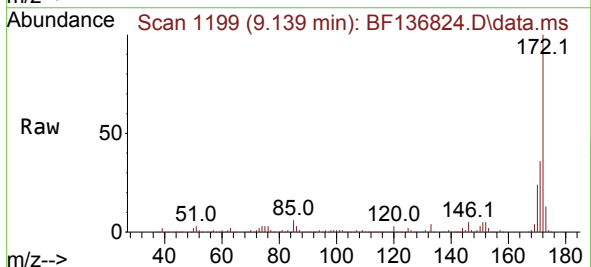


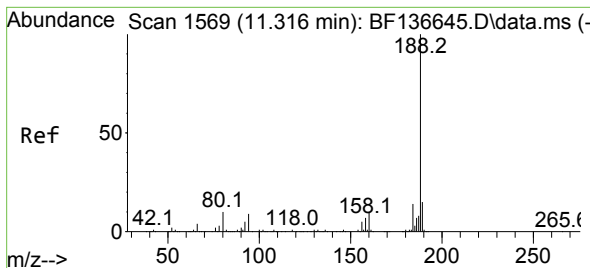
Tgt Ion:330 Resp: 149059
Ion Ratio Lower Upper
330 100
332 99.6 77.4 116.0
141 29.0 23.4 35.2



#45
2-Fluorobiphenyl
Concen: 61.969 ng
RT: 9.139 min Scan# 1199
Delta R.T. -0.012 min
Lab File: BF136824.D
Acq: 29 Dec 2023 12:36

Tgt Ion:172 Resp: 613827
Ion Ratio Lower Upper
172 100
171 35.6 29.0 43.6
170 23.7 19.0 28.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.310 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF136824.D

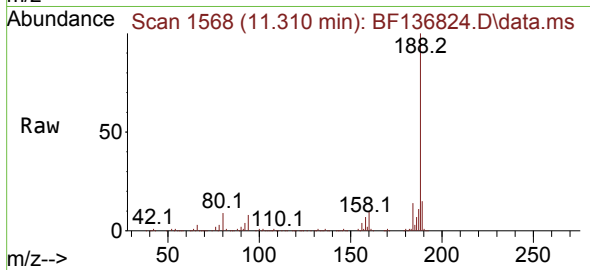
Acq: 29 Dec 2023 12:36

Instrument :

BNA_F

ClientSampleId :

SB32-1-20231222-10.0-11.0



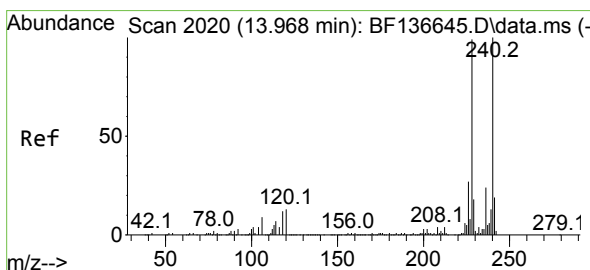
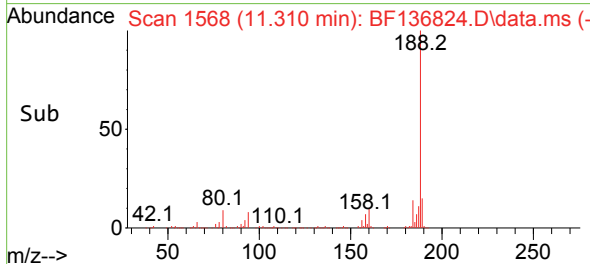
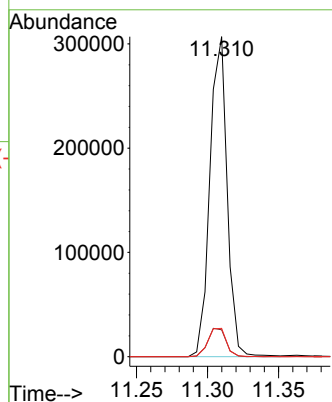
Tgt Ion:188 Resp: 258960

Ion Ratio Lower Upper

188 100

94 8.4 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: BF136824.D

Acq: 29 Dec 2023 12:36

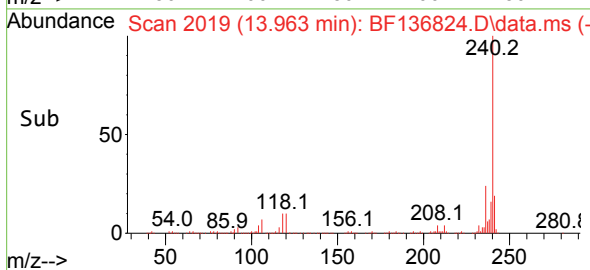
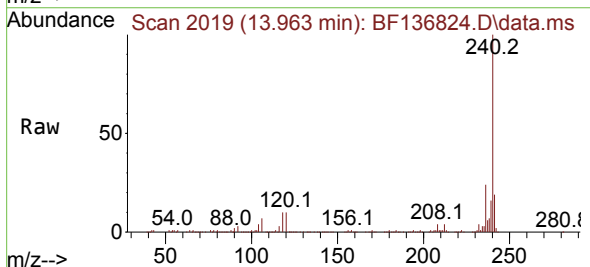
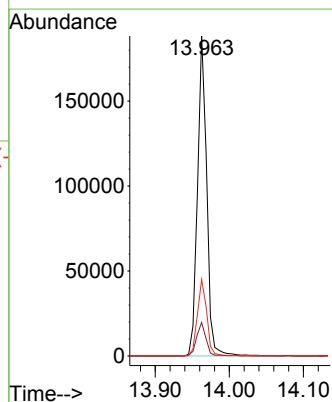
Tgt Ion:240 Resp: 162516

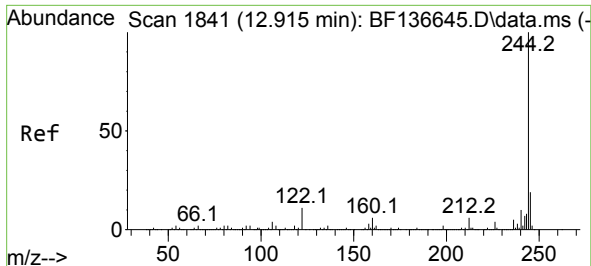
Ion Ratio Lower Upper

240 100

120 10.4 10.3 15.5

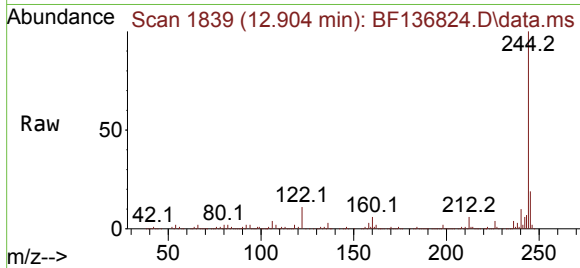
236 23.9 19.4 29.2



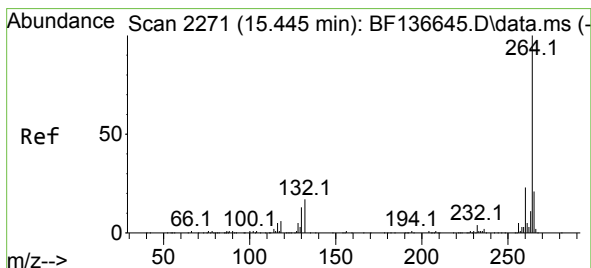
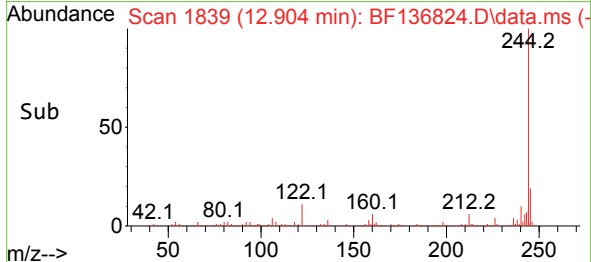
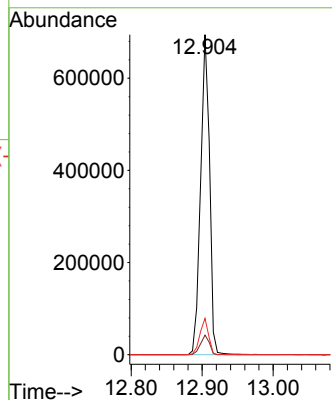


#79
 Terphenyl-d14
 Concen: 52.433 ng
 RT: 12.904 min Scan# 1839
 Delta R.T. -0.012 min
 Lab File: BF136824.D
 Acq: 29 Dec 2023 12:36

Instrument :
 BNA_F
 ClientSampleId :
 SB32-1-20231222-10.0-11.0



Tgt Ion:244 Resp: 609757
 Ion Ratio Lower Upper
 244 100
 212 6.1 5.0 7.4
 122 11.4 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: BF136824.D
 Acq: 29 Dec 2023 12:36

Tgt Ion:264 Resp: 140254
 Ion Ratio Lower Upper
 264 100
 260 22.7 18.3 27.5
 265 20.7 17.0 25.6

