

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010524\
 Data File : BF136968.D
 Acq On : 05 Jan 2024 10:47
 Operator : CG\JU
 Sample : PB158239BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB158239BL

Quant Time: Jan 05 11:14:39 2024
 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	6.786	152	90174	20.000	ng	0.00
21) Naphthalene-d8	8.057	136	353423	20.000	ng	-0.01
39) Acenaphthene-d10	9.816	164	179829	20.000	ng	-0.01
64) Phenanthrene-d10	11.310	188	354699	20.000	ng	0.00
76) Chrysene-d12	13.968	240	190236	20.000	ng	0.00
86) Perylene-d12	15.456	264	172025	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.445	112	812941	140.664	ng	0.02
7) Phenol-d6	6.445	99	1007222	134.500	ng	0.00
23) Nitrobenzene-d5	7.351	82	645763	93.498	ng	0.00
42) 2,4,6-Tribromophenol	10.622	330	283120	133.680	ng	0.00
45) 2-Fluorobiphenyl	9.145	172	1262945	94.459	ng	0.00
79) Terphenyl-d14	12.915	244	1361348	100.004	ng	0.00

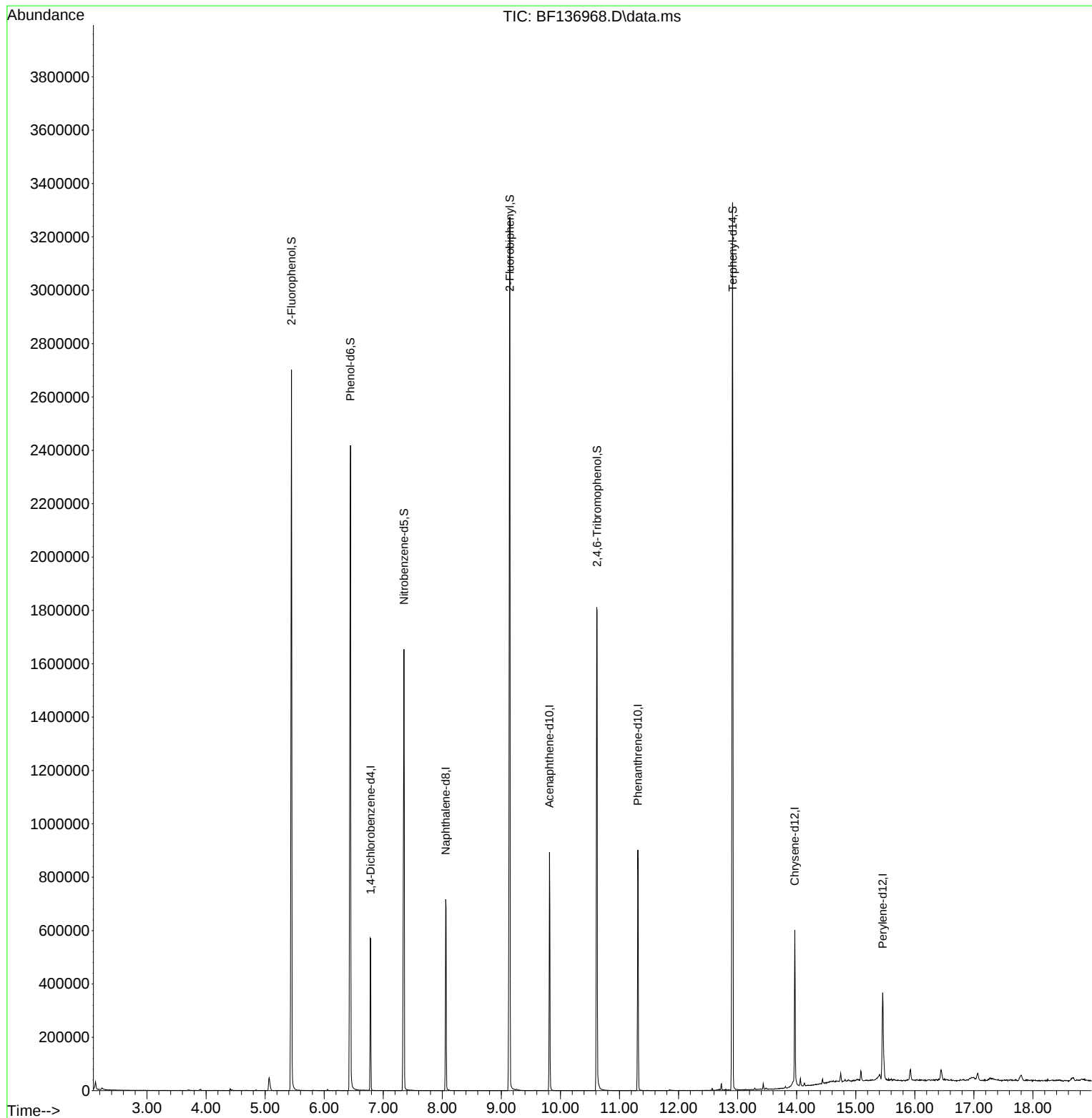
Target Compounds	Qvalue

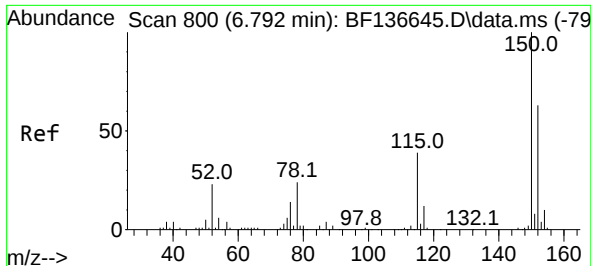
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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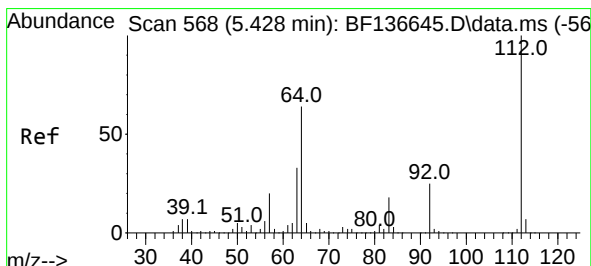
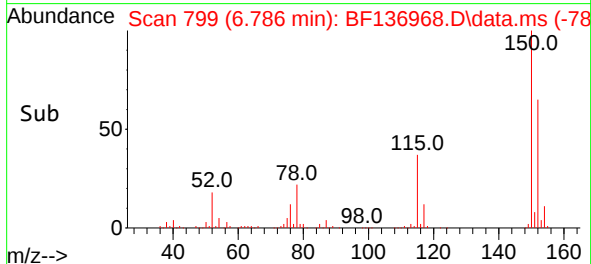
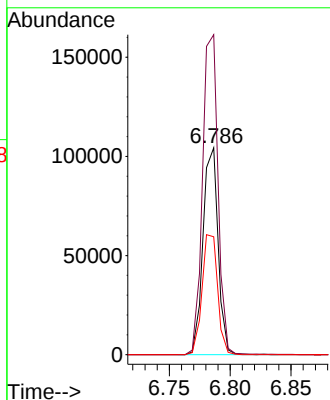
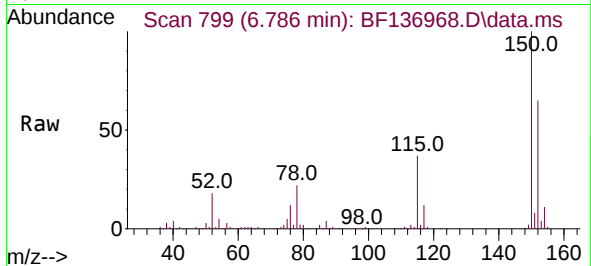




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.786 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF136968.D
Acq: 05 Jan 2024 10:47

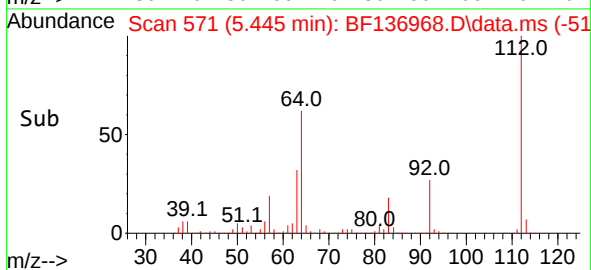
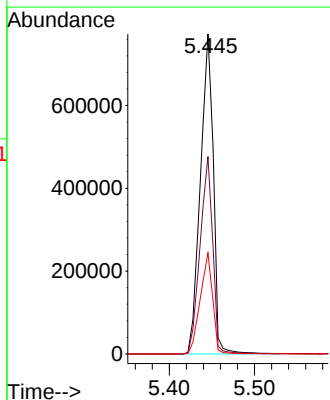
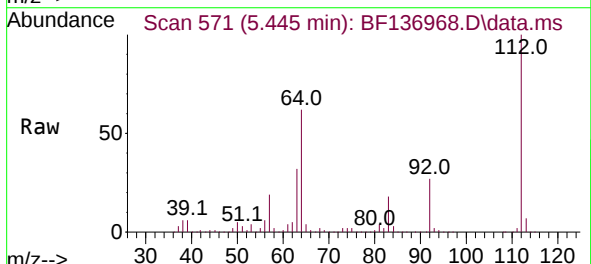
Instrument :
BNA_F
ClientSampleId :
PB158239BL

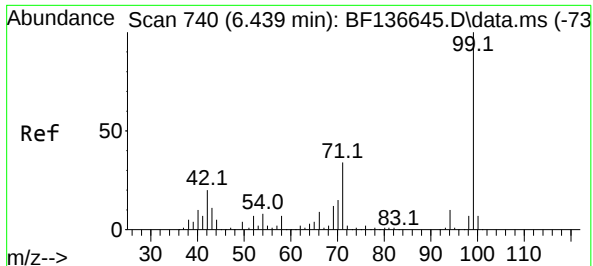
Tgt Ion:152 Resp: 90174
Ion Ratio Lower Upper
152 100
150 154.7 127.0 190.6
115 57.0 49.0 73.4



#5
2-Fluorophenol
Concen: 140.664 ng
RT: 5.445 min Scan# 571
Delta R.T. 0.018 min
Lab File: BF136968.D
Acq: 05 Jan 2024 10:47

Tgt Ion:112 Resp: 812941
Ion Ratio Lower Upper
112 100
64 61.7 51.1 76.7
63 31.5 26.1 39.1

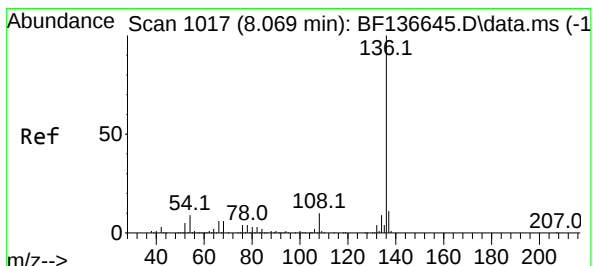
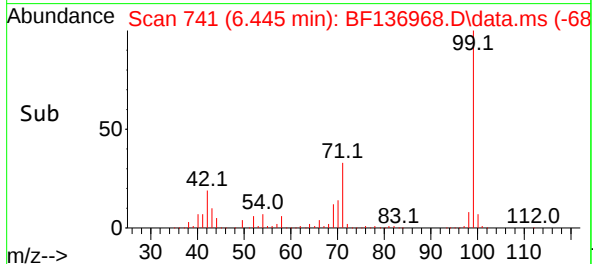
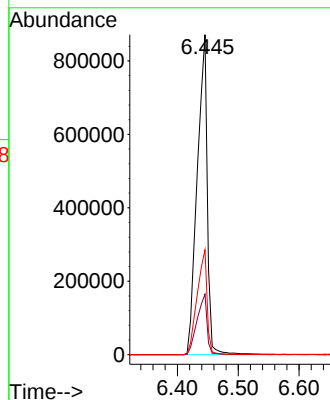
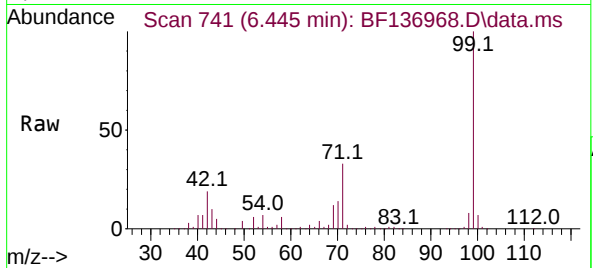




#7
Phenol-d6
Concen: 134.500 ng
RT: 6.445 min Scan# 741
Delta R.T. 0.006 min
Lab File: BF136968.D
Acq: 05 Jan 2024 10:47

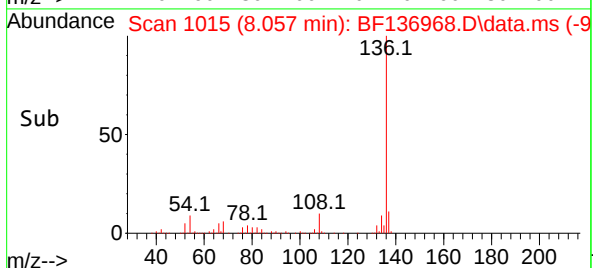
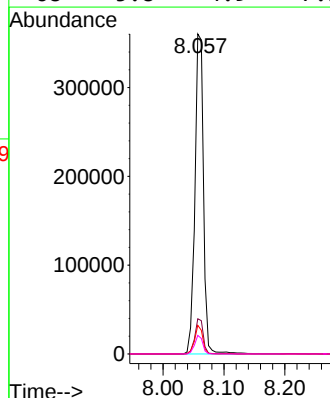
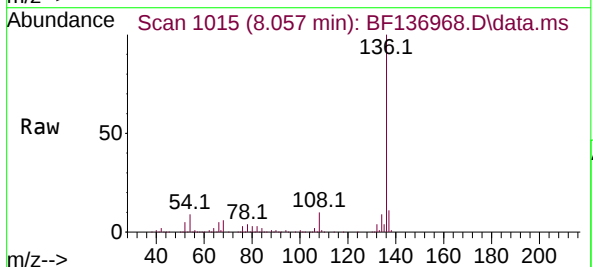
Instrument :
BNA_F
ClientSampleId :
PB158239BL

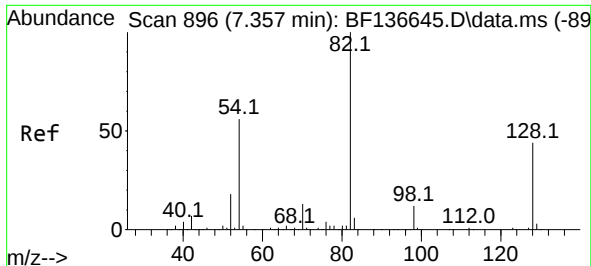
Tgt Ion: 99 Resp: 1007222
Ion Ratio Lower Upper
99 100
42 18.9 16.1 24.1
71 32.8 27.4 41.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.057 min Scan# 1015
Delta R.T. -0.012 min
Lab File: BF136968.D
Acq: 05 Jan 2024 10:47

Tgt Ion: 136 Resp: 353423
Ion Ratio Lower Upper
136 100
137 11.0 9.0 13.4
54 9.0 7.2 10.8
68 5.8 4.9 7.3

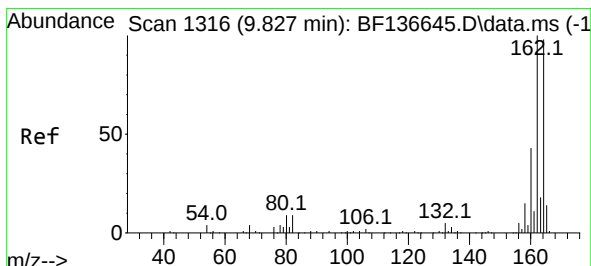
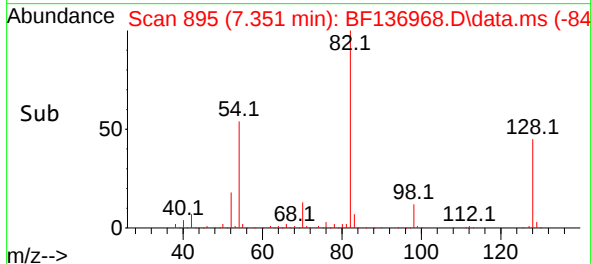
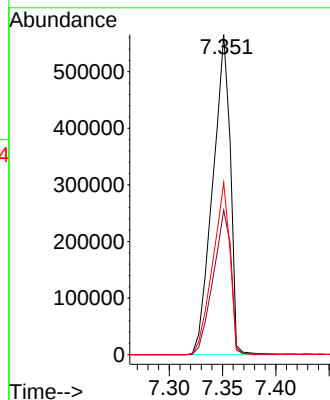
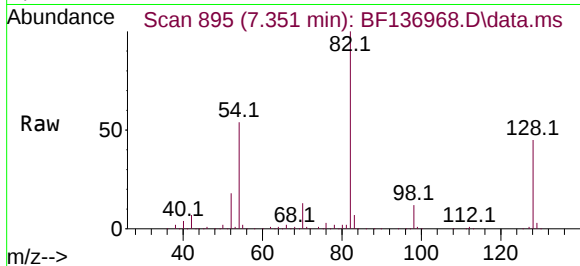




#23
 Nitrobenzene-d5
 Concen: 93.498 ng
 RT: 7.351 min Scan# 89
 Delta R.T. -0.006 min
 Lab File: BF136968.D
 Acq: 05 Jan 2024 10:47

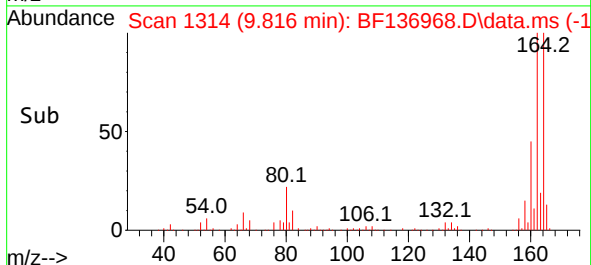
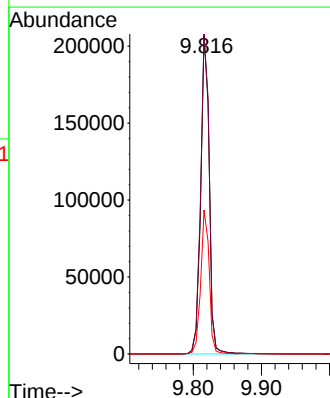
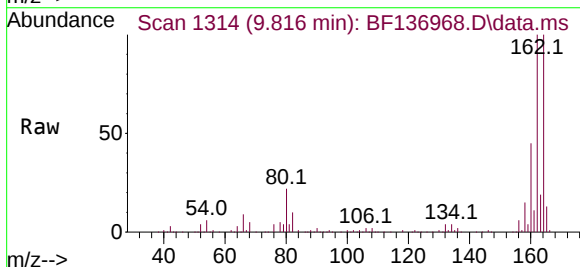
Instrument :
 BNA_F
 ClientSampleId :
 PB158239BL

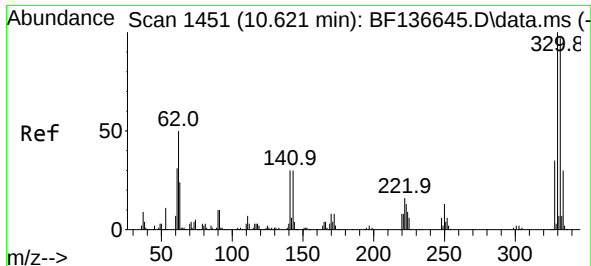
Tgt Ion: 82 Resp: 645763
 Ion Ratio Lower Upper
 82 100
 128 45.2 35.3 52.9
 54 53.7 44.5 66.7



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.816 min Scan# 1314
 Delta R.T. -0.012 min
 Lab File: BF136968.D
 Acq: 05 Jan 2024 10:47

Tgt Ion:164 Resp: 179829
 Ion Ratio Lower Upper
 164 100
 162 100.5 81.6 122.4
 160 45.1 34.9 52.3





#42

2,4,6-Tribromophenol

Concen: 133.680 ng

RT: 10.622 min Scan# 1451

Delta R.T. 0.000 min

Lab File: BF136968.D

Acq: 05 Jan 2024 10:47

Instrument :

BNA_F

ClientSampleId :

PB158239BL

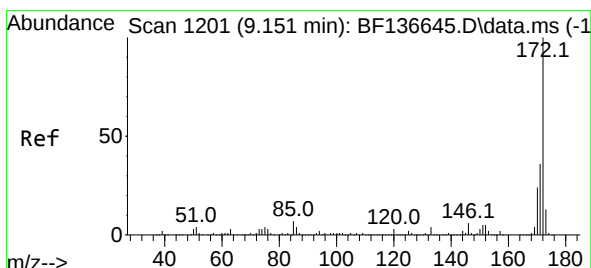
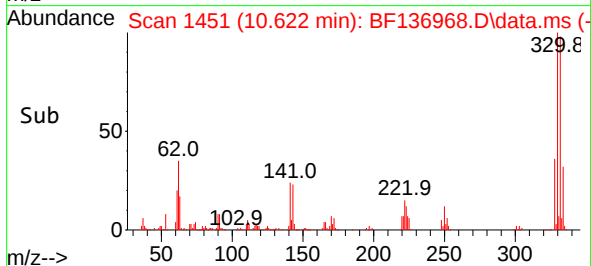
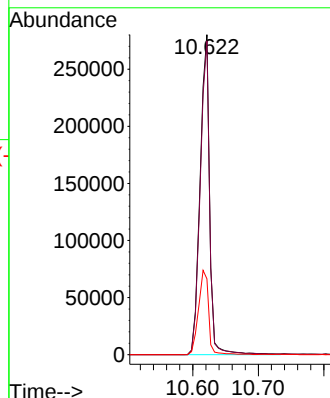
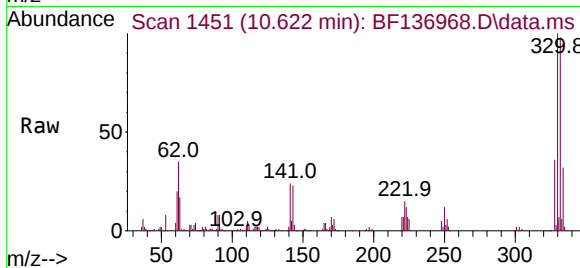
Tgt Ion:330 Resp: 283120

Ion Ratio Lower Upper

330 100

332 97.6 77.4 116.0

141 28.0 23.4 35.2



#45

2-Fluorobiphenyl

Concen: 94.459 ng

RT: 9.145 min Scan# 1200

Delta R.T. -0.006 min

Lab File: BF136968.D

Acq: 05 Jan 2024 10:47

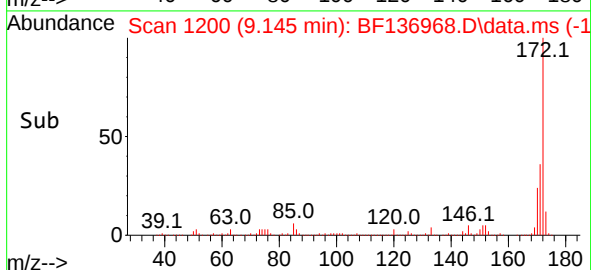
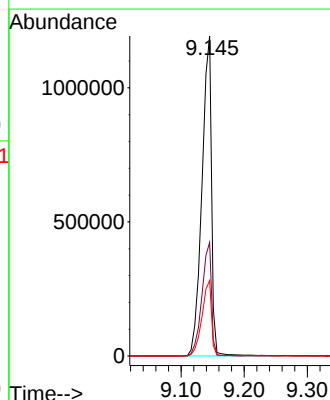
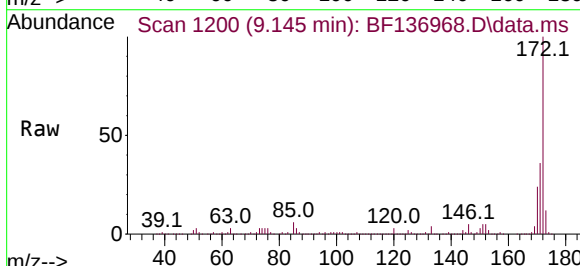
Tgt Ion:172 Resp: 1262945

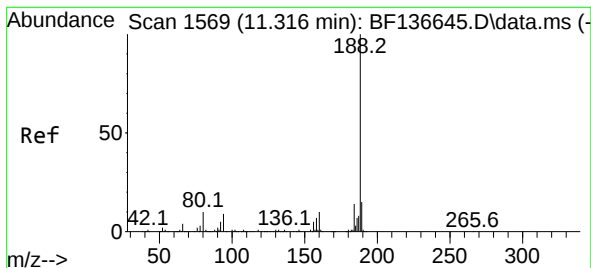
Ion Ratio Lower Upper

172 100

171 35.5 29.0 43.6

170 23.5 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: BF136968.D

Acq: 05 Jan 2024 10:47

Instrument :

BNA_F

ClientSampleId :

PB158239BL

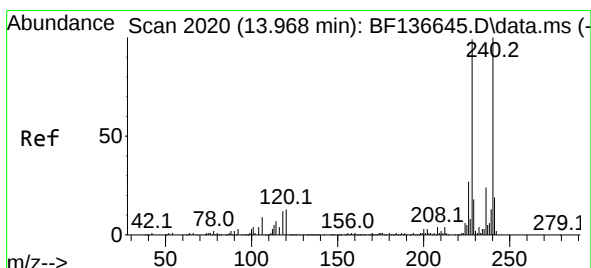
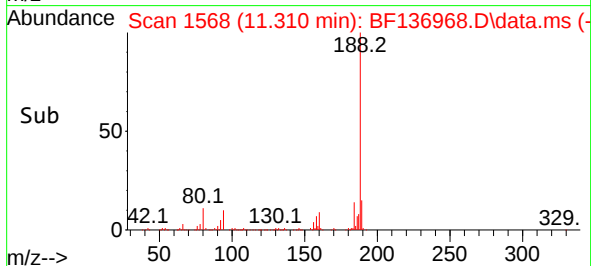
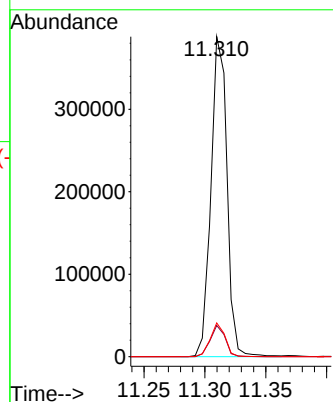
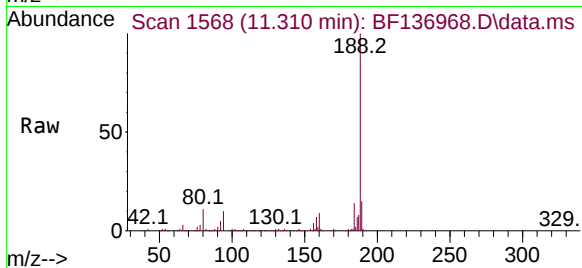
Tgt Ion:188 Resp: 354699

Ion Ratio Lower Upper

188 100

94 9.7 7.5 11.3

80 10.6 8.1 12.1



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.968 min Scan# 2020

Delta R.T. 0.000 min

Lab File: BF136968.D

Acq: 05 Jan 2024 10:47

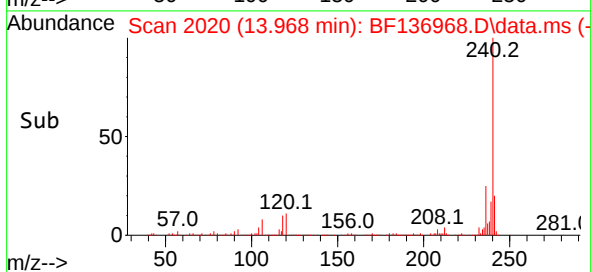
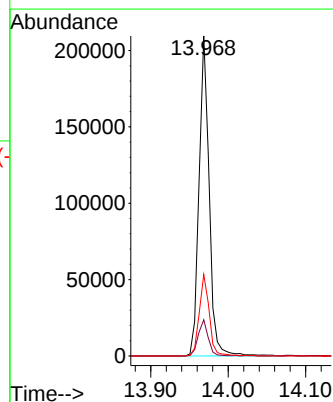
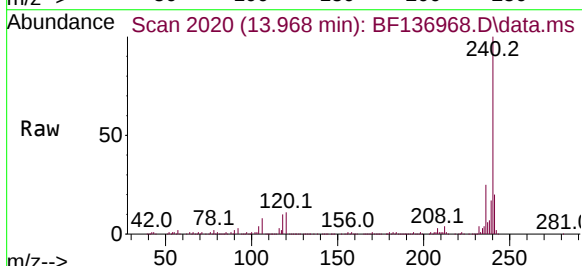
Tgt Ion:240 Resp: 190236

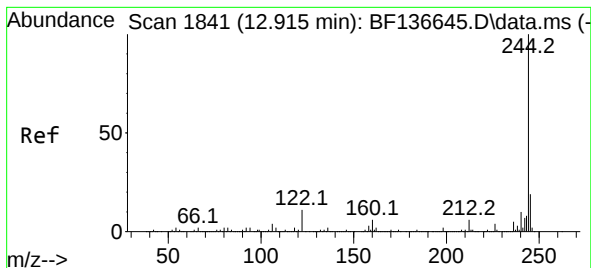
Ion Ratio Lower Upper

240 100

120 11.3 10.3 15.5

236 25.5 19.4 29.2





#79

Terphenyl-d14

Concen: 100.004 ng

RT: 12.915 min Scan# 1841

Delta R.T. 0.000 min

Lab File: BF136968.D

Acq: 05 Jan 2024 10:47

Instrument :

BNA_F

ClientSampleId :

PB158239BL

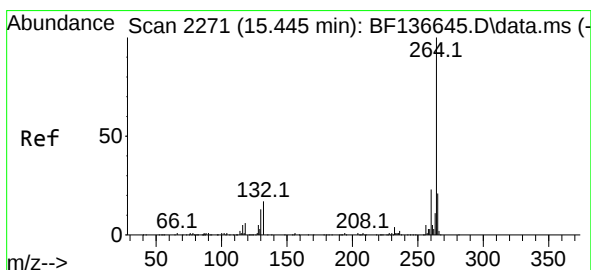
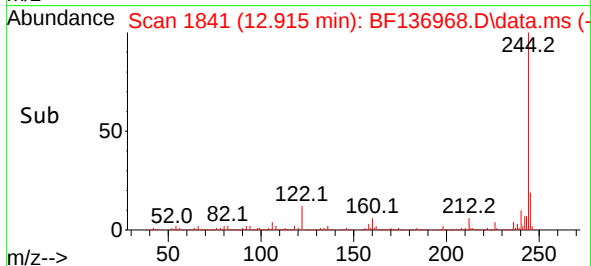
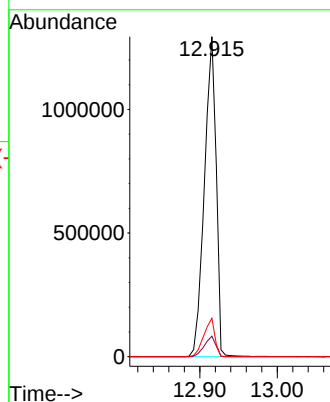
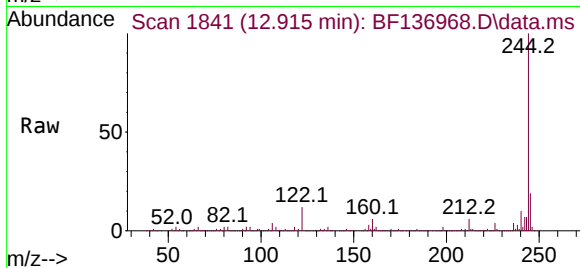
Tgt Ion:244 Resp: 1361348

Ion Ratio Lower Upper

244 100

212 6.4 5.0 7.4

122 12.0 9.0 13.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.456 min Scan# 2273

Delta R.T. 0.012 min

Lab File: BF136968.D

Acq: 05 Jan 2024 10:47

Tgt Ion:264 Resp: 172025

Ion Ratio Lower Upper

264 100

260 23.3 18.3 27.5

265 20.9 17.0 25.6

