

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF103123\
 Data File : BF136045.D
 Acq On : 31 Oct 2023 11:56
 Operator : CG\JU
 Sample : PB156648BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB156648BL

Quant Time: Oct 31 12:19:07 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF103023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 31 01:13:02 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.822	152	160587	20.000	ng	0.00
21) Naphthalene-d8	8.104	136	637464	20.000	ng	0.00
39) Acenaphthene-d10	9.863	164	336172	20.000	ng	0.00
64) Phenanthrene-d10	11.357	188	640736	20.000	ng	0.00
76) Chrysene-d12	14.010	240	451344	20.000	ng	# 0.00
86) Perylene-d12	15.498	264	370654	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.463	112	1321086	129.274	ng	0.01
7) Phenol-d6	6.463	99	1608969	126.366	ng	0.00
23) Nitrobenzene-d5	7.386	82	994098	94.008	ng	0.00
42) 2,4,6-Tribromophenol	10.657	330	504767	140.673	ng	0.00
45) 2-Fluorobiphenyl	9.186	172	1840175	87.260	ng	0.00
79) Terphenyl-d14	12.963	244	2315520	79.726	ng	0.00

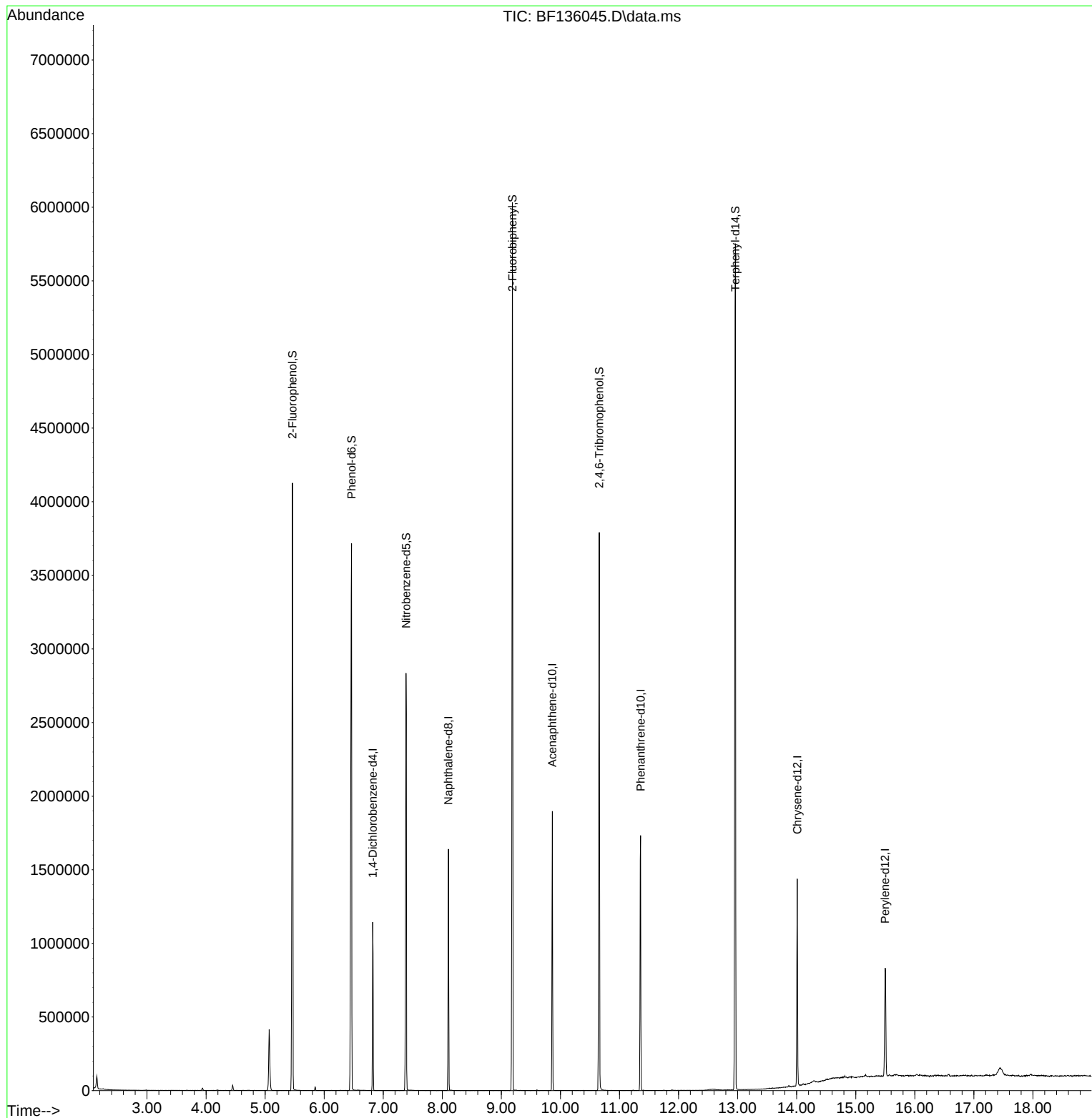
Target Compounds	Qvalue

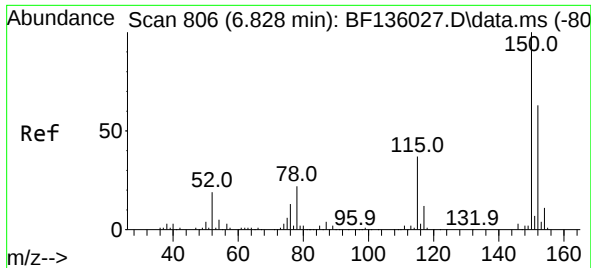
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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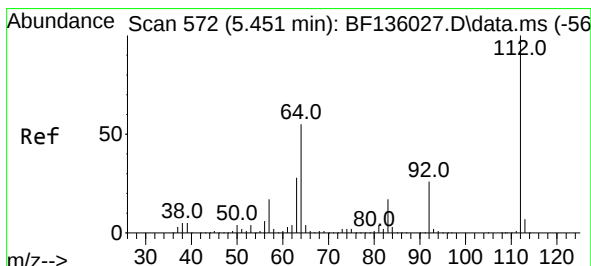
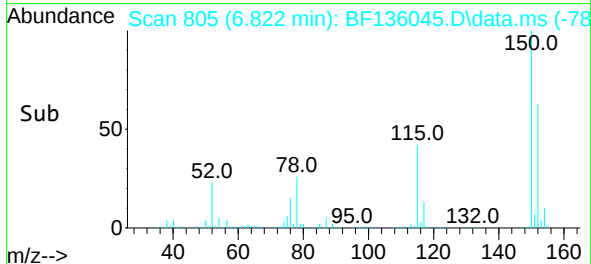
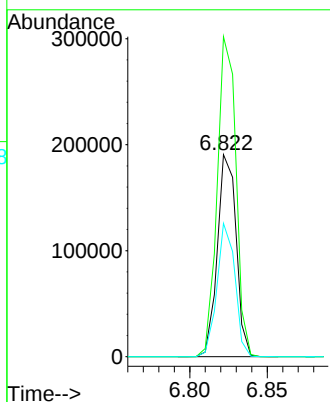
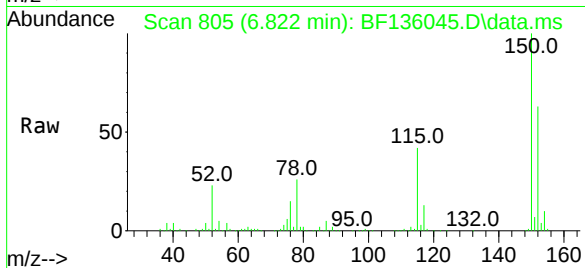




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.822 min Scan# 806
Delta R.T. -0.006 min
Lab File: BF136045.D
Acq: 31 Oct 2023 11:56

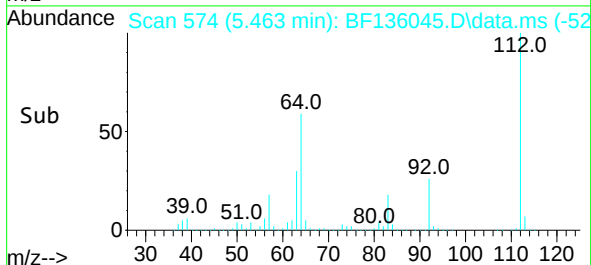
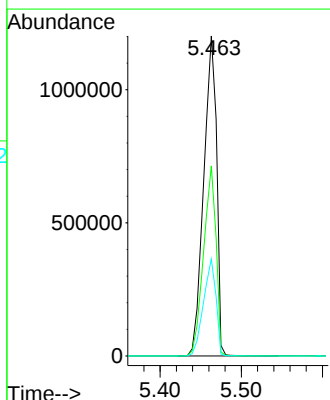
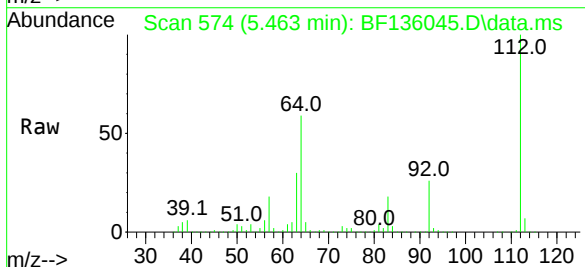
Instrument :
BNA_F
ClientSampleId :
PB156648BL

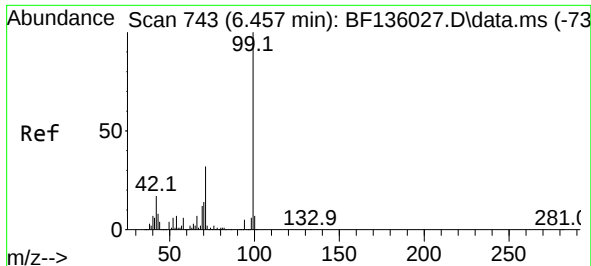
Tgt Ion:152 Resp: 160587
Ion Ratio Lower Upper
152 100
150 158.4 126.4 189.6
115 66.0 47.0 70.4



#5
2-Fluorophenol
Concen: 129.274 ng
RT: 5.463 min Scan# 574
Delta R.T. 0.012 min
Lab File: BF136045.D
Acq: 31 Oct 2023 11:56

Tgt Ion:112 Resp: 1321086
Ion Ratio Lower Upper
112 100
64 59.4 43.9 65.9
63 30.3 22.4 33.6

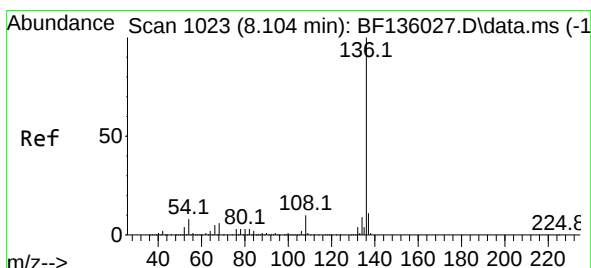
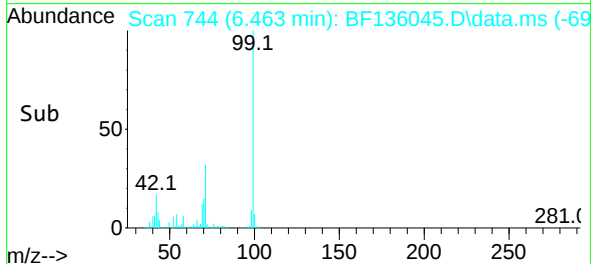
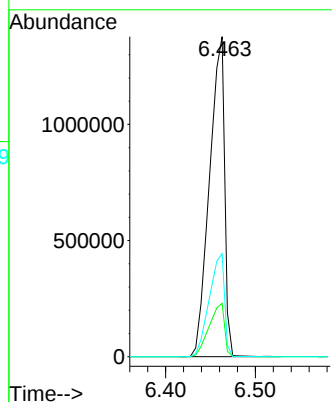
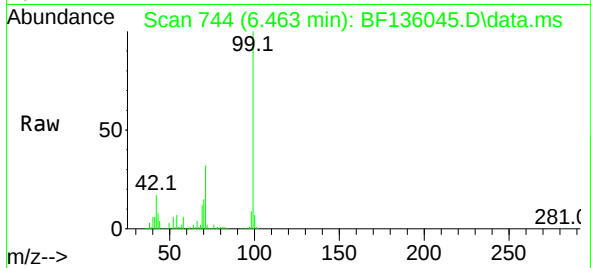




#7
Phenol-d6
Concen: 126.366 ng
RT: 6.463 min Scan# 743
Delta R.T. 0.006 min
Lab File: BF136045.D
Acq: 31 Oct 2023 11:56

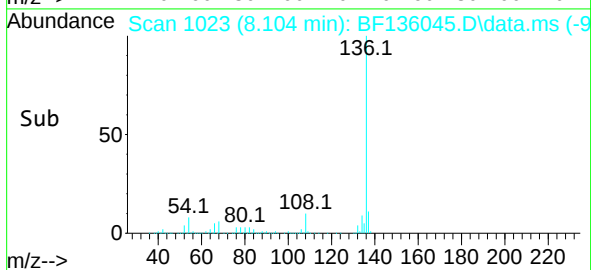
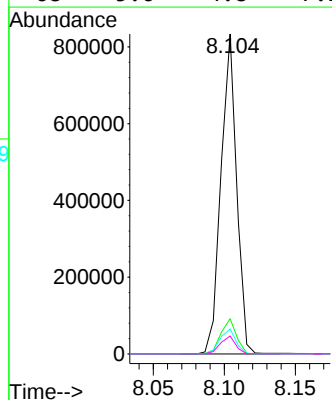
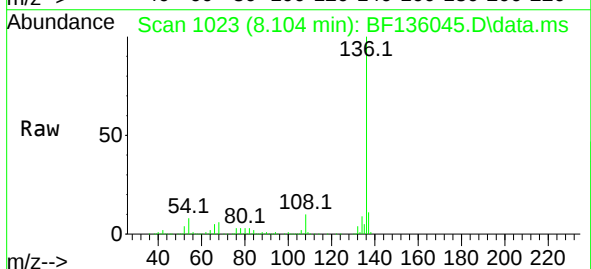
Instrument :
BNA_F
ClientSampleId :
PB156648BL

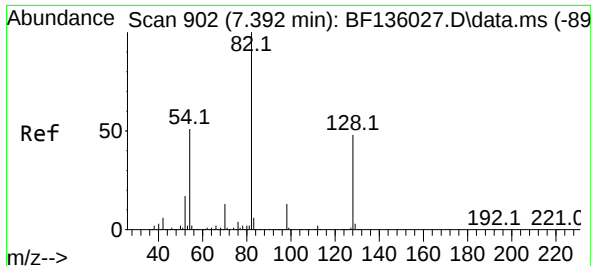
Tgt Ion: 99 Resp: 1608969
Ion Ratio Lower Upper
99 100
42 16.6 13.7 20.5
71 32.2 25.9 38.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.104 min Scan# 1023
Delta R.T. 0.000 min
Lab File: BF136045.D
Acq: 31 Oct 2023 11:56

Tgt Ion: 136 Resp: 637464
Ion Ratio Lower Upper
136 100
137 11.0 8.6 13.0
54 7.8 6.6 9.8
68 5.6 4.8 7.2





#23

Nitrobenzene-d5

Concen: 94.008 ng

RT: 7.386 min Scan# 901

Delta R.T. -0.006 min

Lab File: BF136045.D

Acq: 31 Oct 2023 11:56

Instrument :

BNA_F

ClientSampleId :

PB156648BL

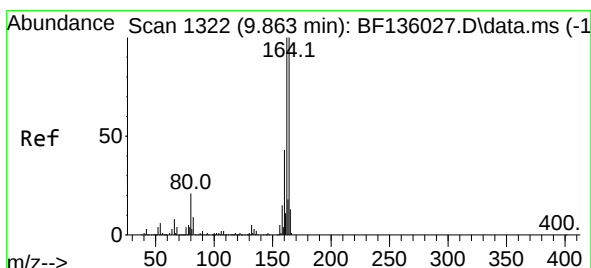
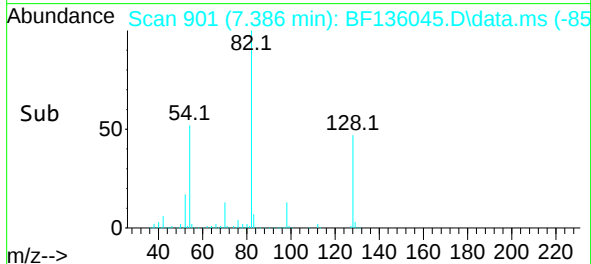
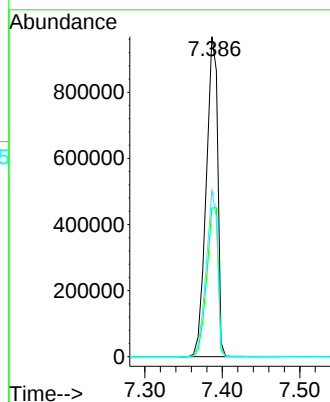
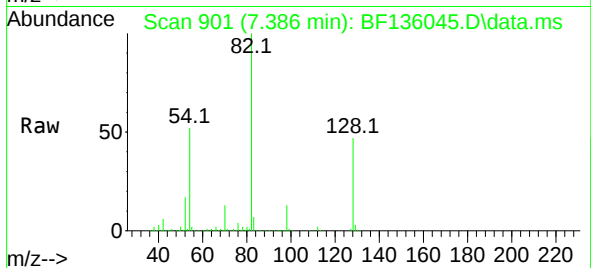
Tgt Ion: 82 Resp: 994098

Ion Ratio Lower Upper

82 100

128 46.5 38.6 57.8

54 51.9 40.8 61.2



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.863 min Scan# 1322

Delta R.T. -0.000 min

Lab File: BF136045.D

Acq: 31 Oct 2023 11:56

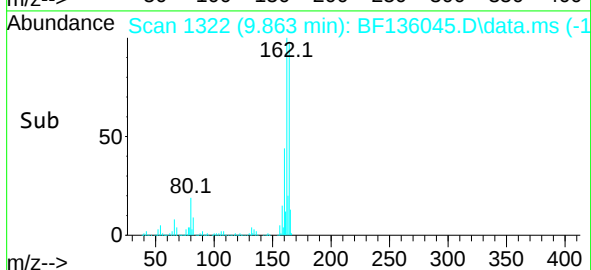
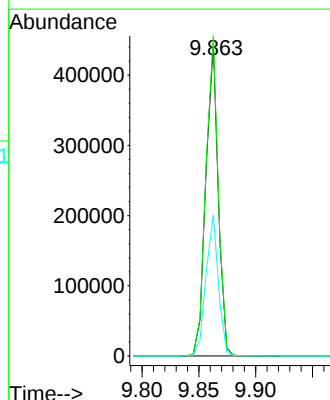
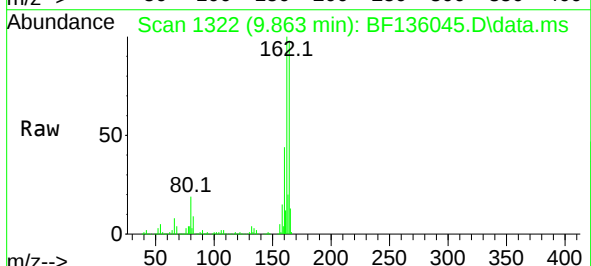
Tgt Ion:164 Resp: 336172

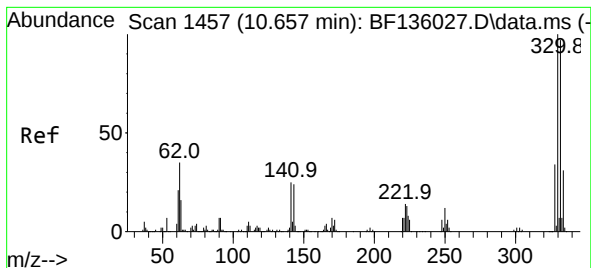
Ion Ratio Lower Upper

164 100

162 102.5 80.1 120.1

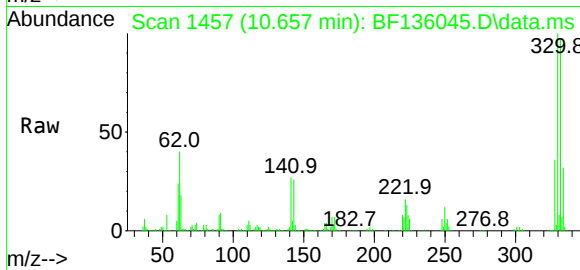
160 45.2 34.8 52.2



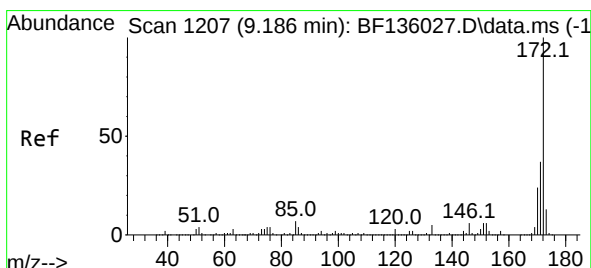
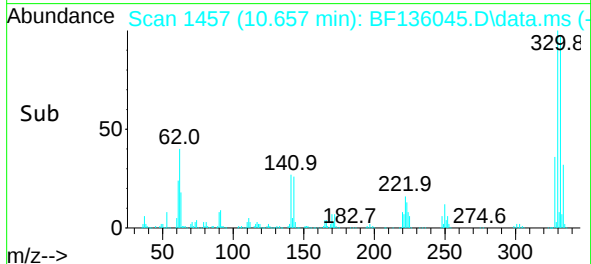
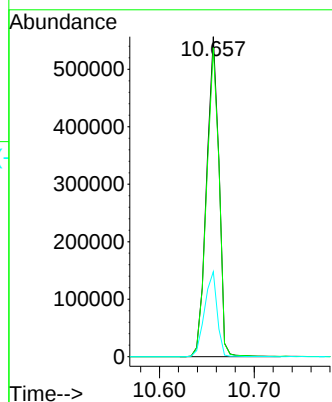


#42
2,4,6-Tribromophenol
Concen: 140.673 ng
RT: 10.657 min Scan# 1457
Delta R.T. 0.000 min
Lab File: BF136045.D
Acq: 31 Oct 2023 11:56

Instrument :
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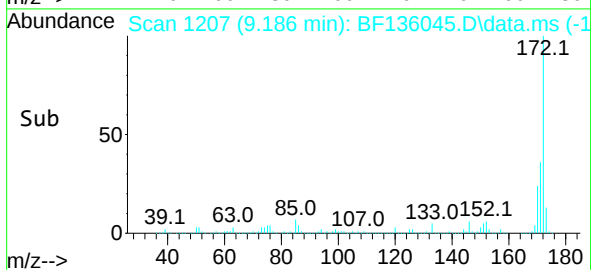
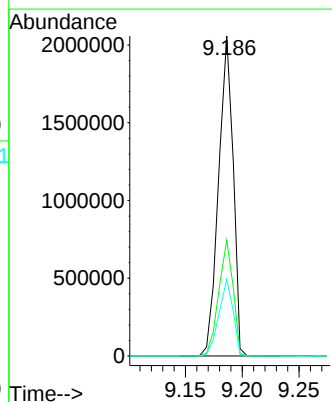
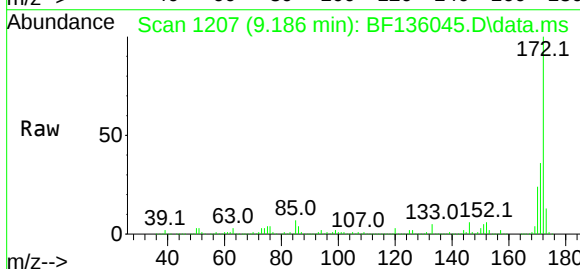


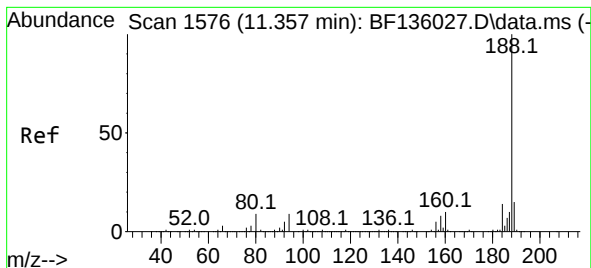
Tgt Ion:330 Resp: 504767
Ion Ratio Lower Upper
330 100
332 97.3 76.9 115.3
141 27.2 23.2 34.8



#45
2-Fluorobiphenyl
Concen: 87.260 ng
RT: 9.186 min Scan# 1207
Delta R.T. 0.000 min
Lab File: BF136045.D
Acq: 31 Oct 2023 11:56

Tgt Ion:172 Resp: 1840175
Ion Ratio Lower Upper
172 100
171 36.2 29.4 44.0
170 23.9 19.3 28.9





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.357 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF136045.D

Acq: 31 Oct 2023 11:56

Instrument :

BNA_F

ClientSampleId :

PB156648BL

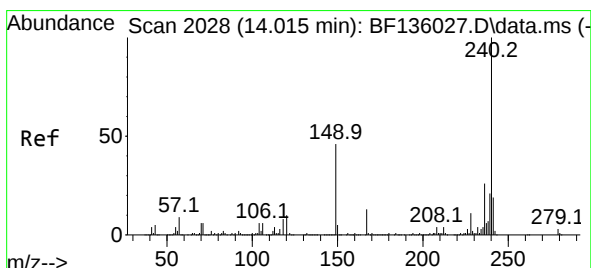
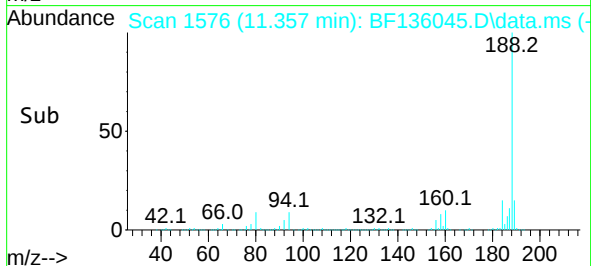
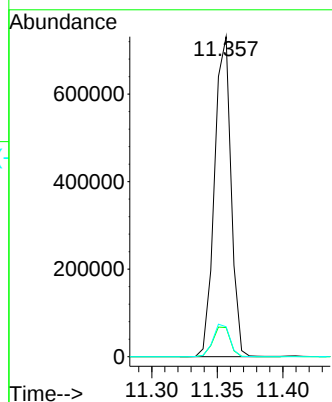
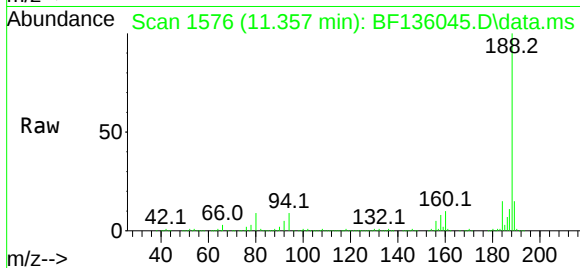
Tgt Ion:188 Resp: 640736

Ion Ratio Lower Upper

188 100

94 9.1 7.2 10.8

80 9.4 7.4 11.0



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.010 min Scan# 2027

Delta R.T. -0.006 min

Lab File: BF136045.D

Acq: 31 Oct 2023 11:56

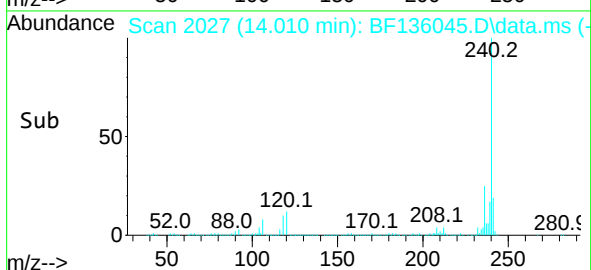
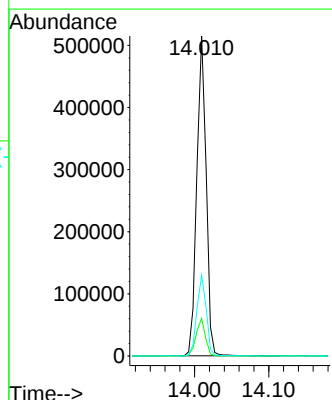
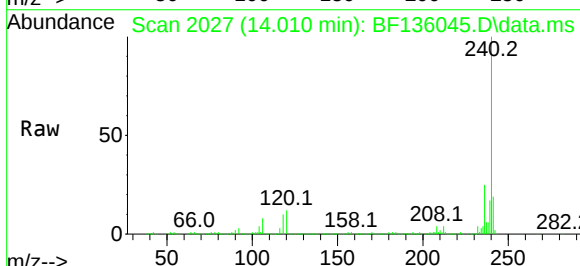
Tgt Ion:240 Resp: 451344

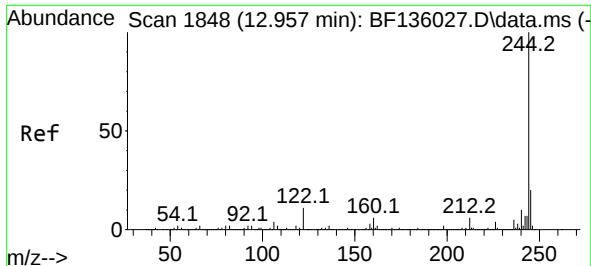
Ion Ratio Lower Upper

240 100

120 11.7 7.6 11.4#

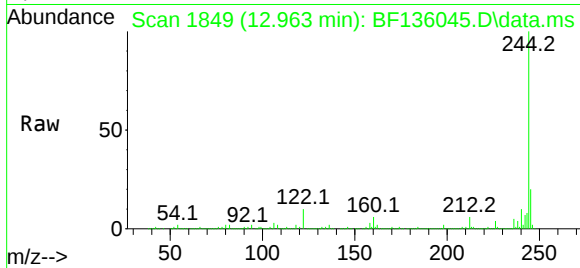
236 25.3 20.6 31.0



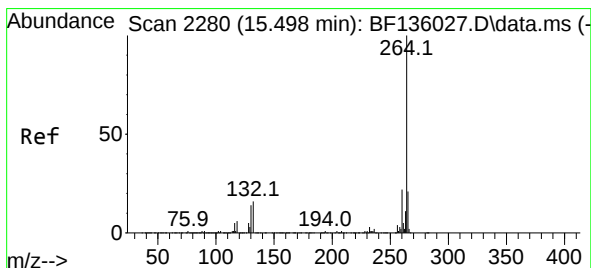
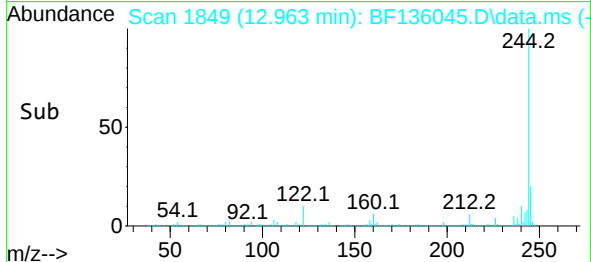
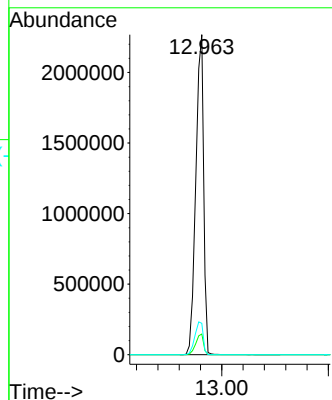


#79
 Terphenyl-d14
 Concen: 79.726 ng
 RT: 12.963 min Scan# 1849
 Delta R.T. 0.006 min
 Lab File: BF136045.D
 Acq: 31 Oct 2023 11:56

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 PB156648BL



Tgt Ion:244 Resp: 2315520
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.1 7.7
 122 9.8 8.6 12.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.498 min Scan# 2280
 Delta R.T. 0.000 min
 Lab File: BF136045.D
 Acq: 31 Oct 2023 11:56

Tgt Ion:264 Resp: 370654
 Ion Ratio Lower Upper
 264 100
 260 23.4 17.9 26.9
 265 21.8 16.8 25.2

