

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112823\
 Data File : BF136242.D
 Acq On : 28 Nov 2023 11:23
 Operator : CG\JU
 Sample : PB157019BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB157019BL

Quant Time: Nov 28 12:10:14 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 28 03:04:20 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.804	152	148881	20.000	ng	0.00
21) Naphthalene-d8	8.081	136	621741	20.000	ng	0.00
39) Acenaphthene-d10	9.839	164	319453	20.000	ng	0.00
64) Phenanthrene-d10	11.328	188	607537	20.000	ng	0.00
76) Chrysene-d12	13.980	240	322923	20.000	ng	-0.01
86) Perylene-d12	15.463	264	250755	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.451	112	1434932	134.148	ng	0.01
7) Phenol-d6	6.440	99	1781914	133.230	ng	0.00
23) Nitrobenzene-d5	7.363	82	1099194	93.423	ng	-0.01
42) 2,4,6-Tribromophenol	10.634	330	537462	137.614	ng	0.00
45) 2-Fluorobiphenyl	9.163	172	2280376	91.179	ng	0.00
79) Terphenyl-d14	12.933	244	2522901	90.119	ng	0.00

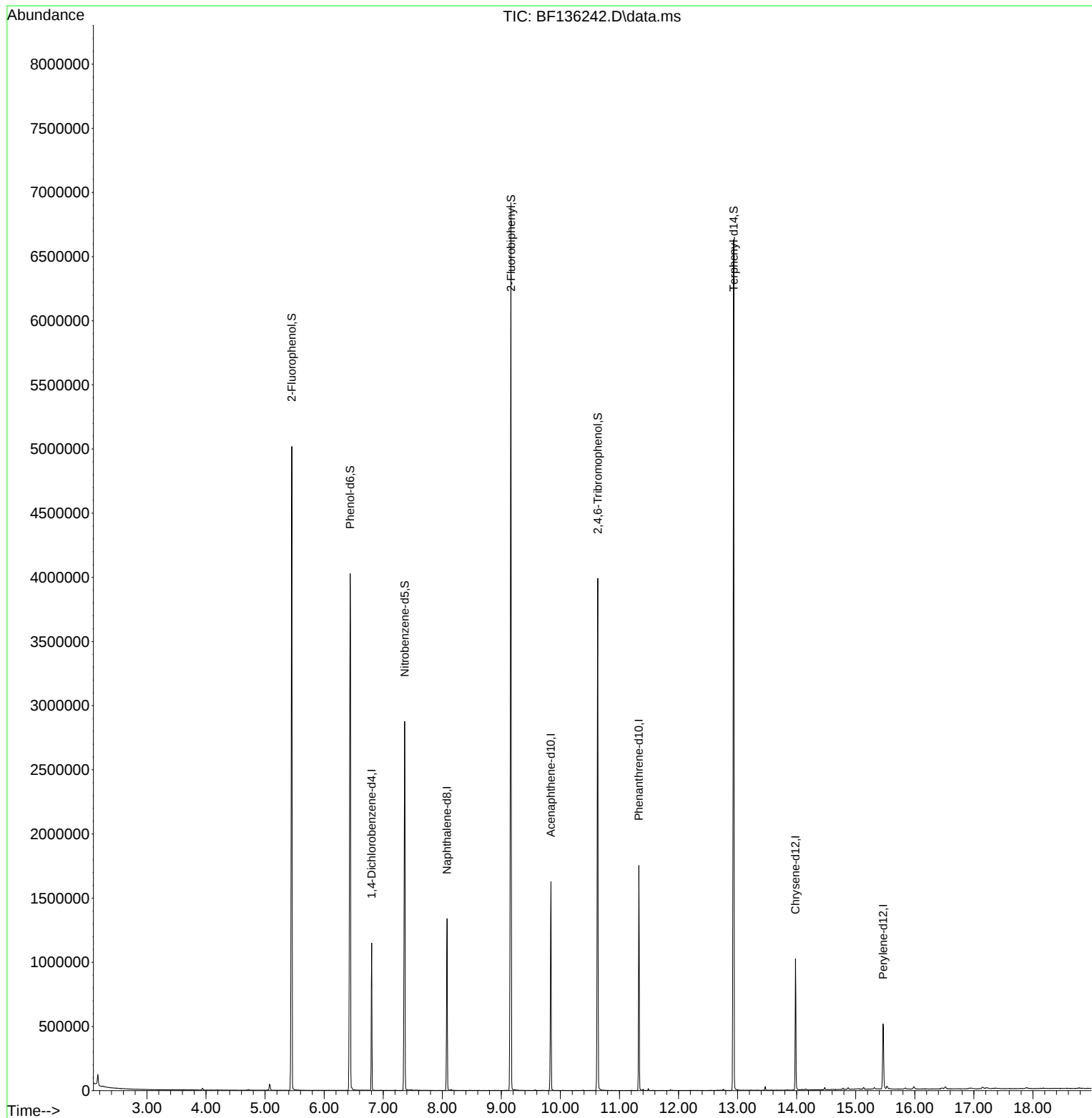
Target Compounds	Qvalue

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

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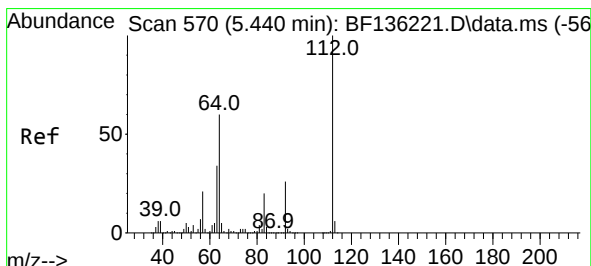
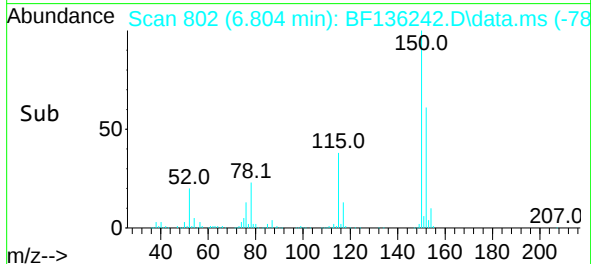
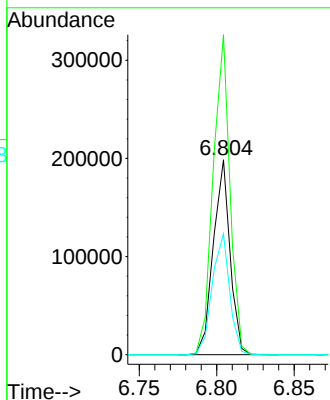
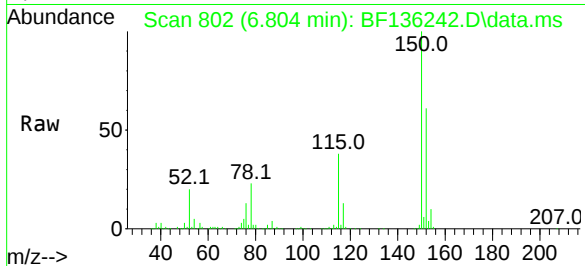




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.804 min Scan# 803
Delta R.T. -0.006 min
Lab File: BF136242.D
Acq: 28 Nov 2023 11:23

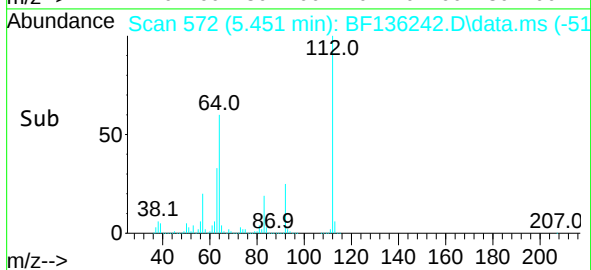
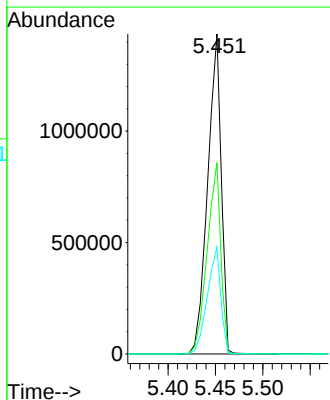
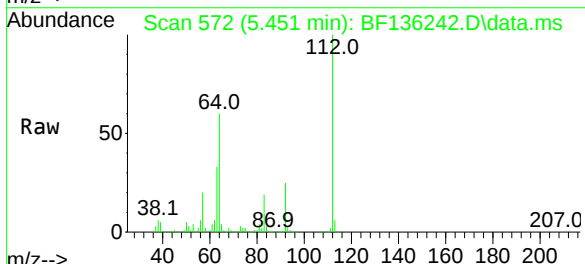
Instrument :
BNA_F
ClientSampleId :
PB157019BL

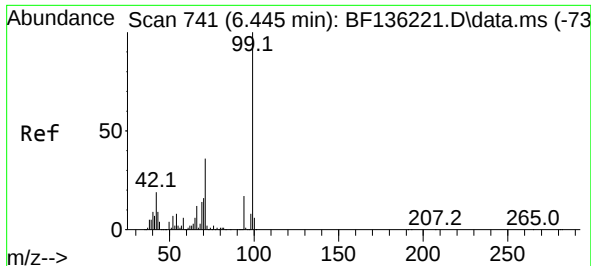
Tgt Ion:152 Resp: 148881
Ion Ratio Lower Upper
152 100
150 164.2 137.8 206.8
115 62.1 52.7 79.1



#5
2-Fluorophenol
Concen: 134.148 ng
RT: 5.451 min Scan# 572
Delta R.T. 0.012 min
Lab File: BF136242.D
Acq: 28 Nov 2023 11:23

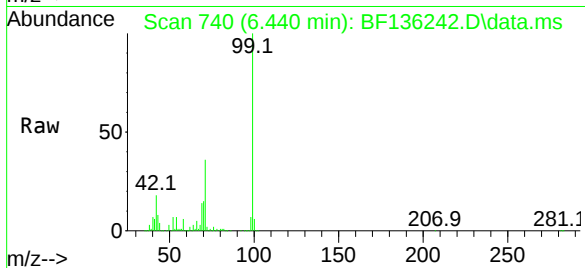
Tgt Ion:112 Resp: 1434932
Ion Ratio Lower Upper
112 100
64 59.7 48.2 72.4
63 33.4 27.0 40.6





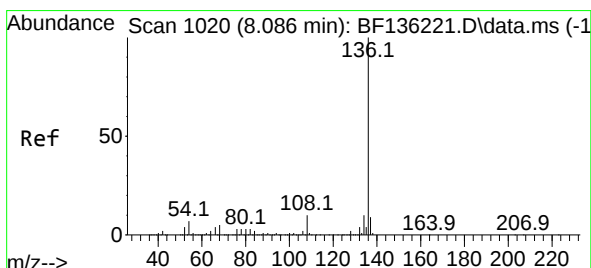
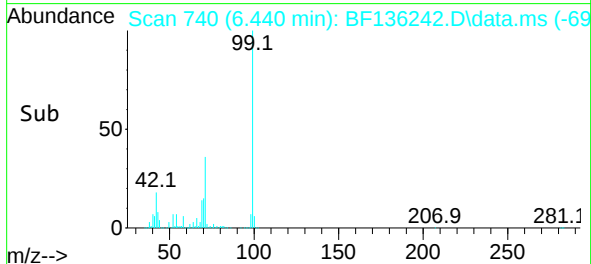
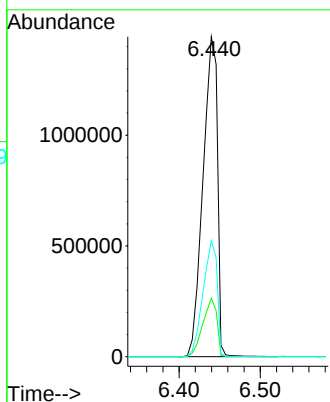
#7
Phenol-d6
Concen: 133.230 ng
RT: 6.440 min Scan# 741
Delta R.T. -0.006 min
Lab File: BF136242.D
Acq: 28 Nov 2023 11:23

Instrument :
BNA_F
ClientSampleId :
PB157019BL



Tgt Ion: 99 Resp: 1781914

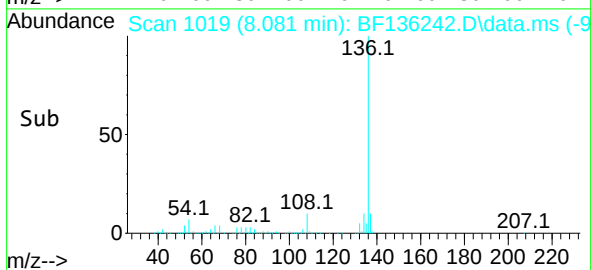
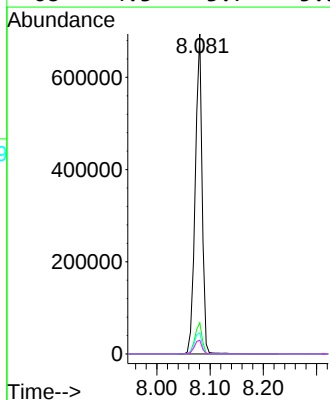
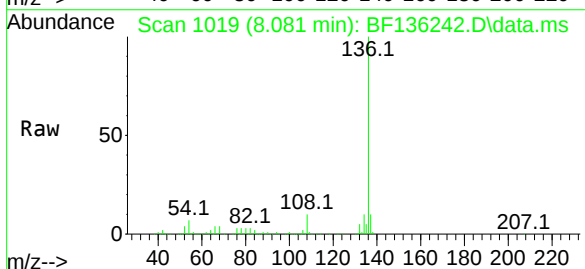
Ion	Ratio	Lower	Upper
99	100		
42	18.3	15.0	22.6
71	36.3	28.9	43.3

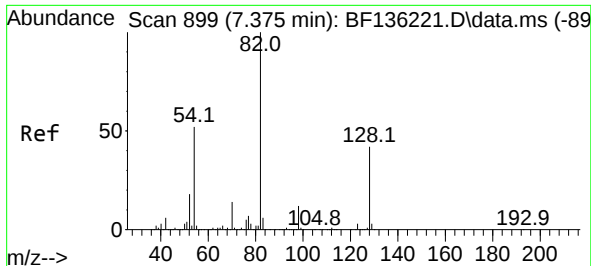


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.081 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BF136242.D
Acq: 28 Nov 2023 11:23

Tgt Ion: 136 Resp: 621741

Ion	Ratio	Lower	Upper
136	100		
137	9.7	7.4	11.2
54	6.6	5.5	8.3
68	4.3	3.7	5.5





#23

Nitrobenzene-d5

Concen: 93.423 ng

RT: 7.363 min Scan# 89

Delta R.T. -0.012 min

Lab File: BF136242.D

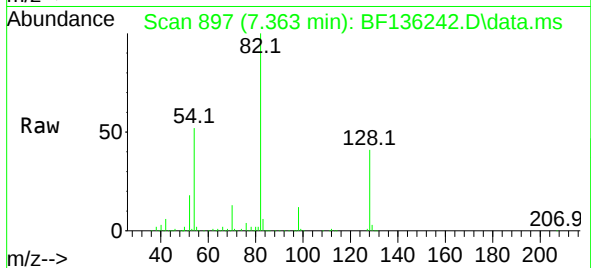
Acq: 28 Nov 2023 11:23

Instrument :

BNA_F

ClientSampleId :

PB157019BL



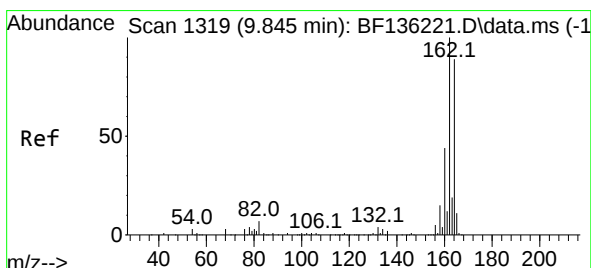
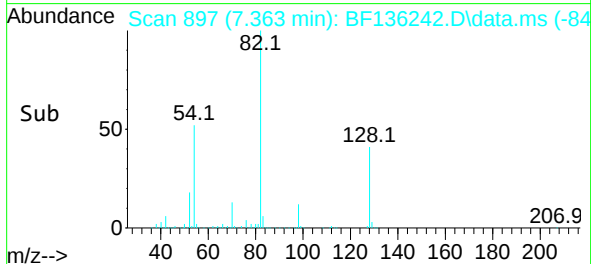
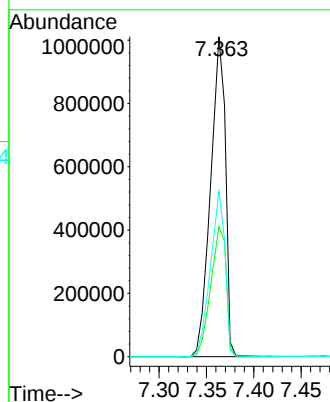
Tgt Ion: 82 Resp: 1099194

Ion Ratio Lower Upper

82 100

128 40.6 33.4 50.2

54 51.7 41.7 62.5



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.839 min Scan# 1318

Delta R.T. -0.006 min

Lab File: BF136242.D

Acq: 28 Nov 2023 11:23

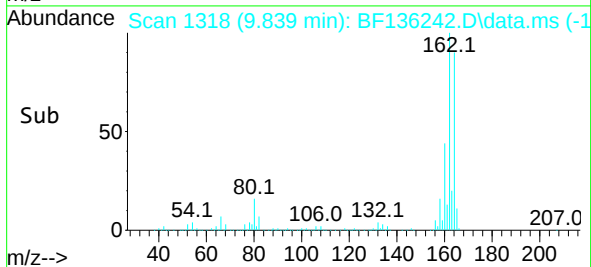
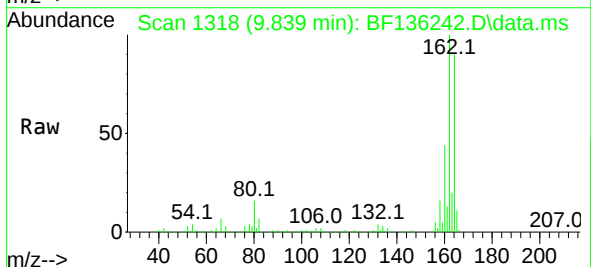
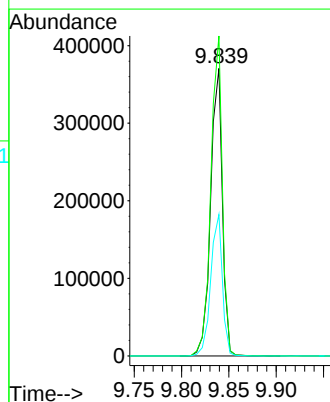
Tgt Ion:164 Resp: 319453

Ion Ratio Lower Upper

164 100

162 111.3 89.5 134.3

160 49.2 39.6 59.4





#42

2,4,6-Tribromophenol

Concen: 137.614 ng

RT: 10.634 min Scan# 1454

Delta R.T. -0.006 min

Lab File: BF136242.D

Acq: 28 Nov 2023 11:23

Instrument :

BNA_F

ClientSampleId :

PB157019BL

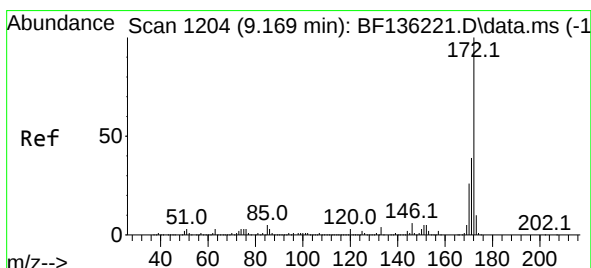
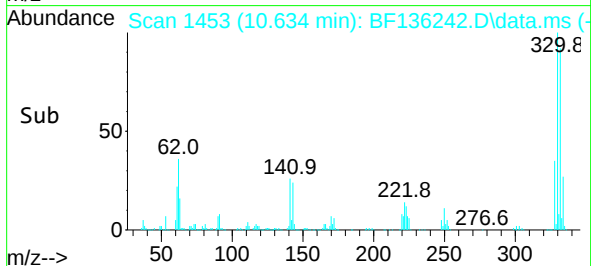
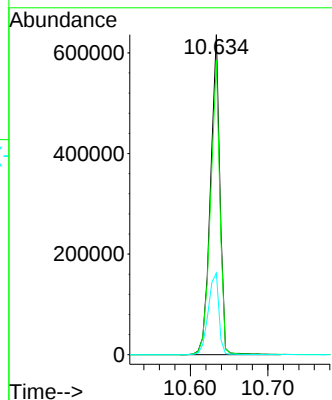
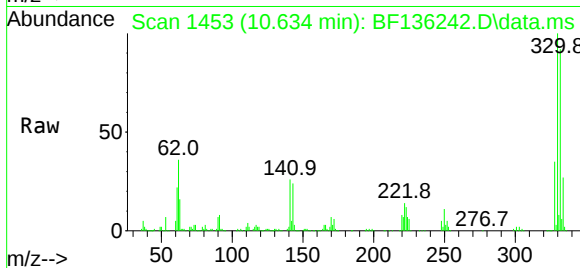
Tgt Ion:330 Resp: 537462

Ion Ratio Lower Upper

330 100

332 91.7 73.0 109.6

141 28.8 24.2 36.2



#45

2-Fluorobiphenyl

Concen: 91.179 ng

RT: 9.163 min Scan# 1203

Delta R.T. -0.006 min

Lab File: BF136242.D

Acq: 28 Nov 2023 11:23

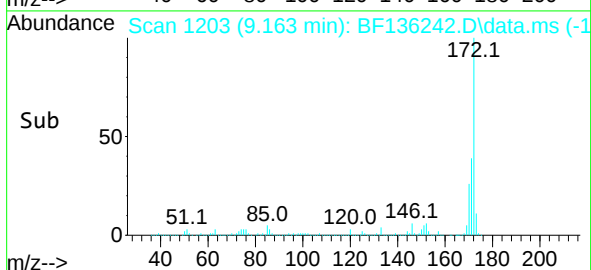
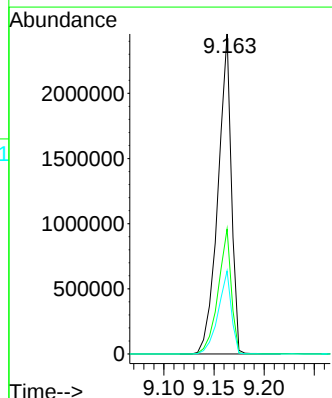
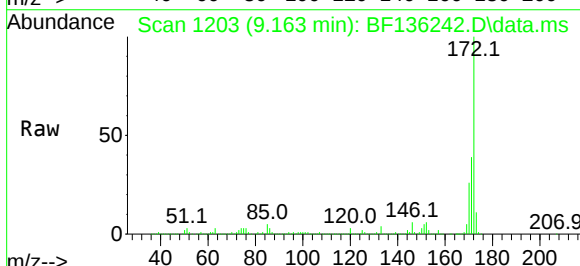
Tgt Ion:172 Resp: 2280376

Ion Ratio Lower Upper

172 100

171 39.1 31.5 47.3

170 25.9 20.8 31.2





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.328 min Scan# 1

Delta R.T. -0.005 min

Lab File: BF136242.D

Acq: 28 Nov 2023 11:23

Instrument :

BNA_F

ClientSampleId :

PB157019BL

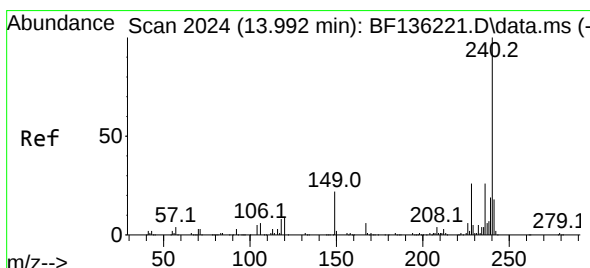
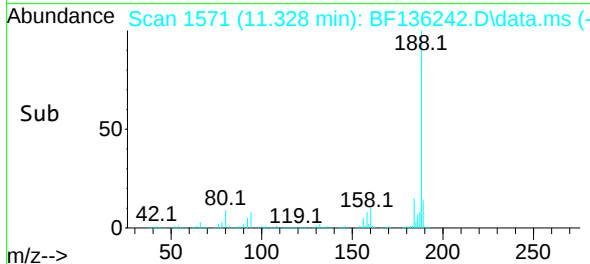
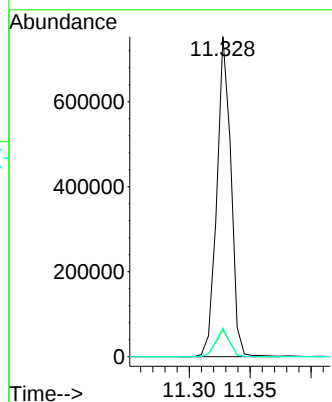
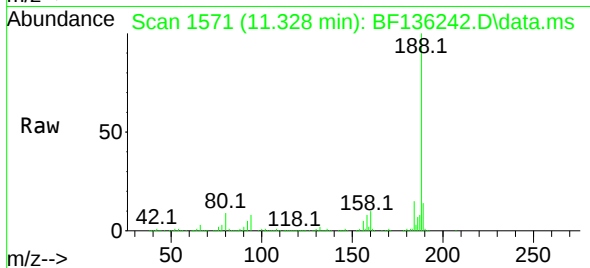
Tgt Ion:188 Resp: 607537

Ion Ratio Lower Upper

188 100

94 8.4 6.7 10.1

80 9.0 7.2 10.8



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.980 min Scan# 2022

Delta R.T. -0.012 min

Lab File: BF136242.D

Acq: 28 Nov 2023 11:23

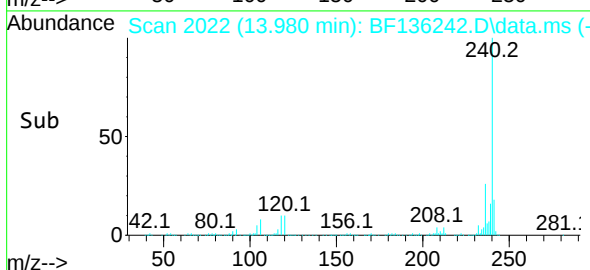
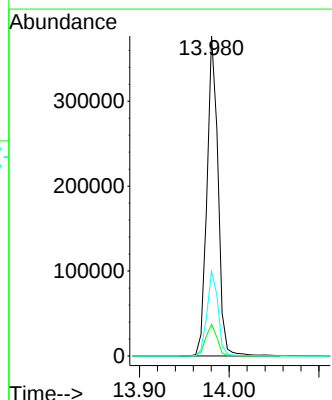
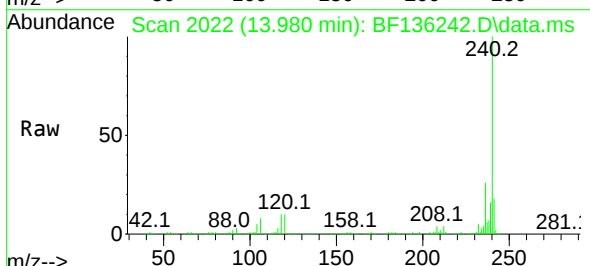
Tgt Ion:240 Resp: 322923

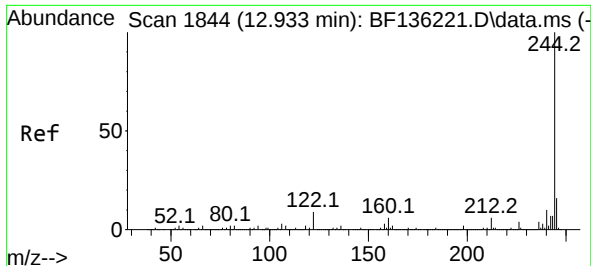
Ion Ratio Lower Upper

240 100

120 9.9 7.4 11.2

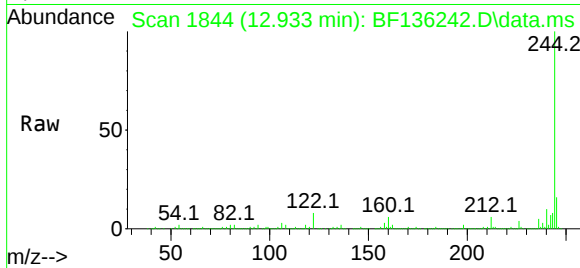
236 26.4 21.1 31.7



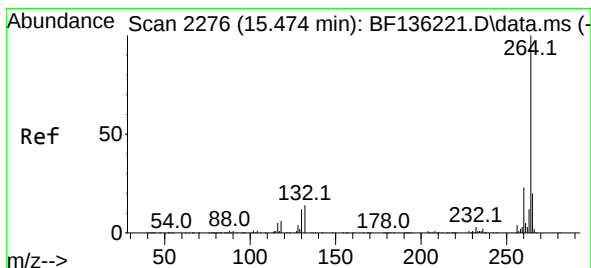
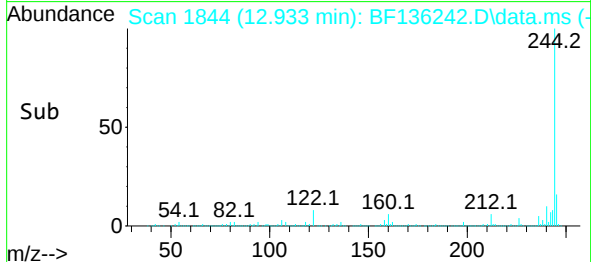
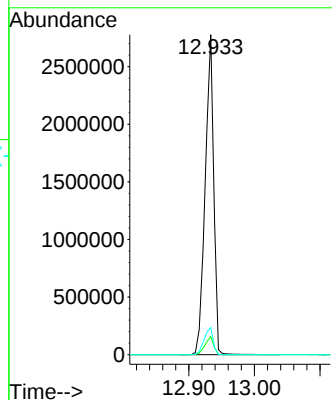


#79
 Terphenyl-d14
 Concen: 90.119 ng
 RT: 12.933 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF136242.D
 Acq: 28 Nov 2023 11:23

Instrument :
 BNA_F
 ClientSampleId :
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Tgt Ion:244 Resp: 2522901
 Ion Ratio Lower Upper
 244 100
 212 5.6 4.6 7.0
 122 8.5 7.3 10.9



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.463 min Scan# 2274
 Delta R.T. -0.011 min
 Lab File: BF136242.D
 Acq: 28 Nov 2023 11:23

Tgt Ion:264 Resp: 250755
 Ion Ratio Lower Upper
 264 100
 260 23.2 18.6 27.8
 265 20.5 15.7 23.5

