

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110223\
 Data File : BF136112.D
 Acq On : 02 Nov 2023 23:38
 Operator : CG\JU
 Sample : 05050-10
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B5

Quant Time: Nov 03 00:03:24 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	6.816	152	99856	20.000	ng	-0.01
21) Naphthalene-d8	8.098	136	394765	20.000	ng	0.00
39) Acenaphthene-d10	9.857	164	197718	20.000	ng	0.00
64) Phenanthrene-d10	11.345	188	322133	20.000	ng	-0.01
76) Chrysene-d12	14.004	240	191857	20.000	ng	-0.01
86) Perylene-d12	15.492	264	193665	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.451	112	965538	151.944	ng	0.00
7) Phenol-d6	6.457	99	1112685	140.537	ng	0.00
23) Nitrobenzene-d5	7.381	82	706385	107.868	ng	-0.01
42) 2,4,6-Tribromophenol	10.651	330	290019	137.424	ng	0.00
45) 2-Fluorobiphenyl	9.181	172	1285273	103.625	ng	0.00
79) Terphenyl-d14	12.951	244	1078290	87.341	ng	0.00

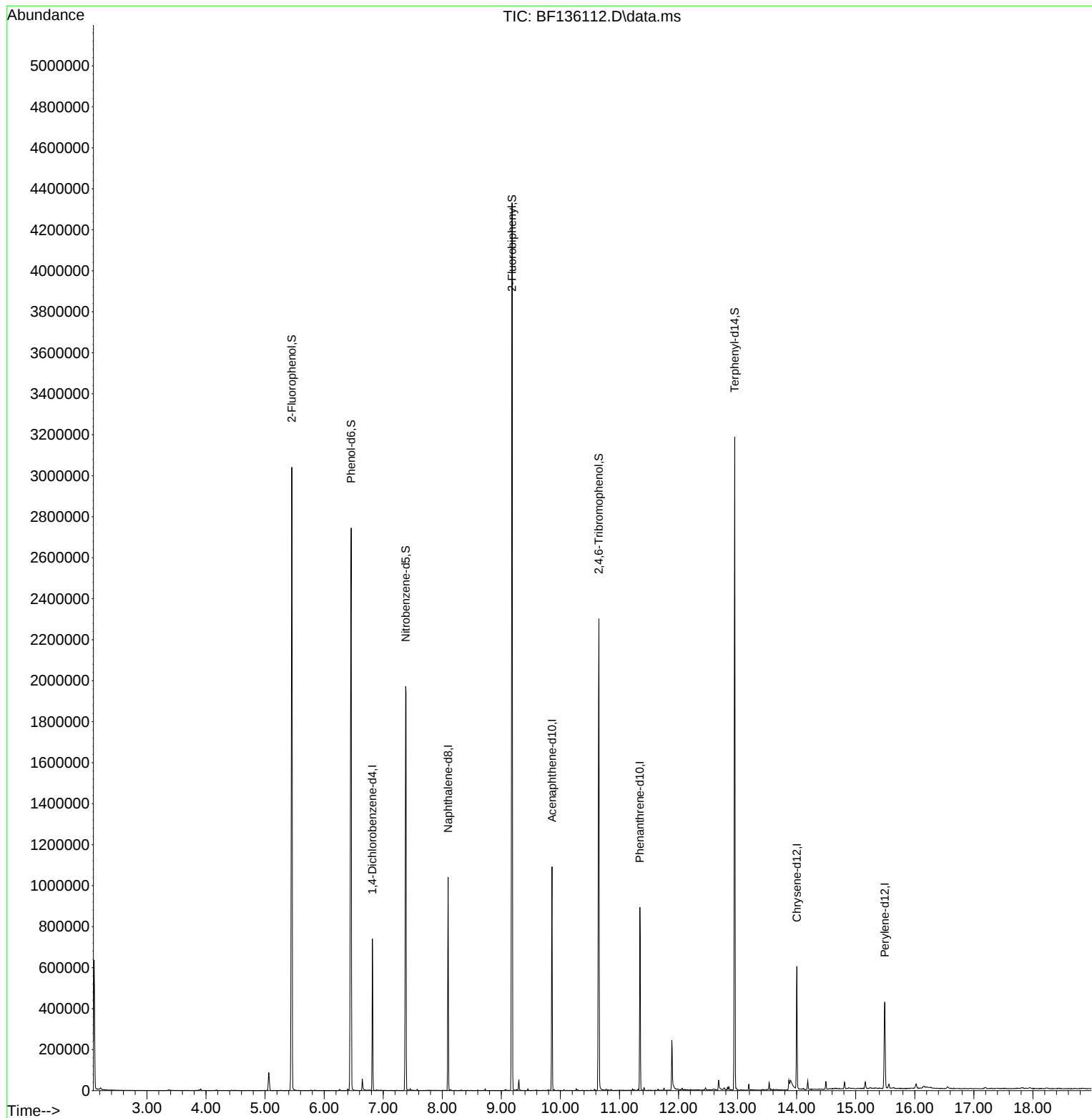
Target Compounds	Qvalue

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

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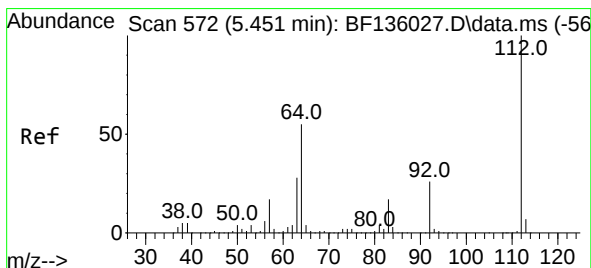
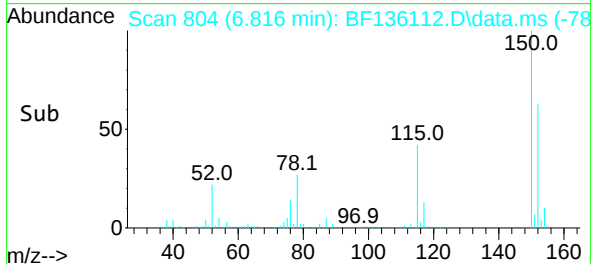
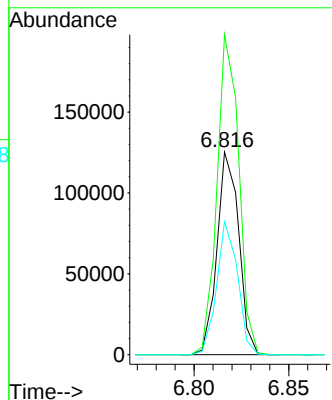
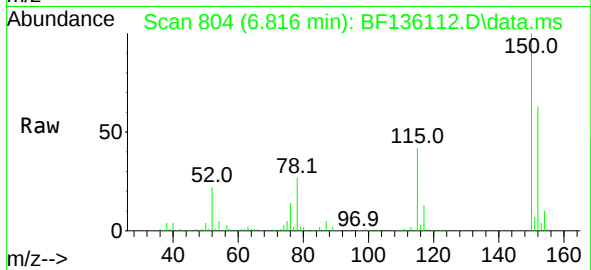




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.816 min Scan# 806
Delta R.T. -0.012 min
Lab File: BF136112.D
Acq: 02 Nov 2023 23:38

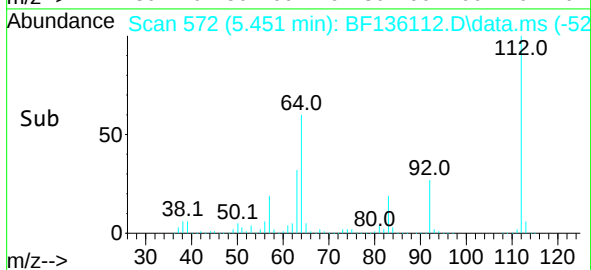
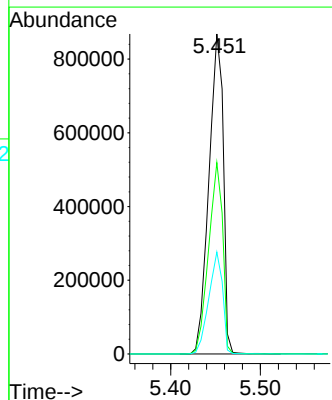
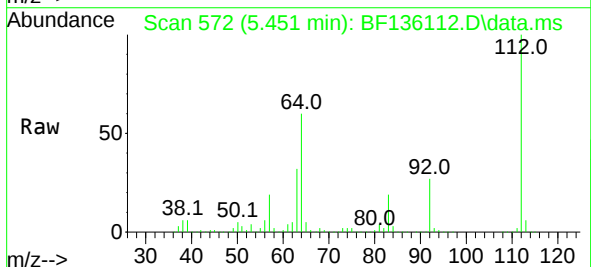
Instrument :
BNA_F
ClientSampleId :
B5

Tgt Ion:152 Resp: 99856
Ion Ratio Lower Upper
152 100
150 157.8 126.4 189.6
115 65.5 47.0 70.4



#5
2-Fluorophenol
Concen: 151.944 ng
RT: 5.451 min Scan# 572
Delta R.T. 0.000 min
Lab File: BF136112.D
Acq: 02 Nov 2023 23:38

Tgt Ion:112 Resp: 965538
Ion Ratio Lower Upper
112 100
64 59.8 43.9 65.9
63 31.8 22.4 33.6



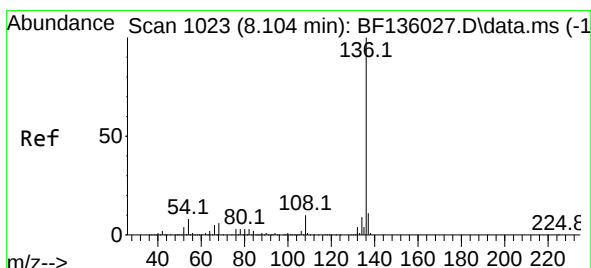
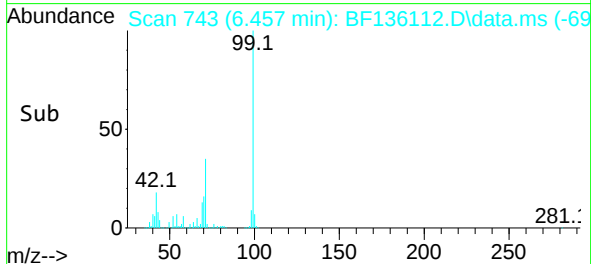
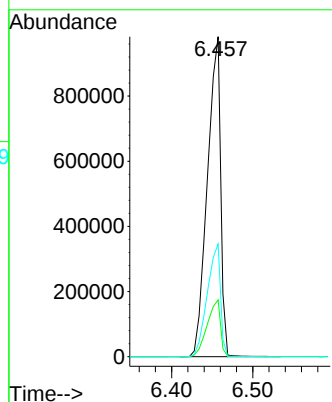
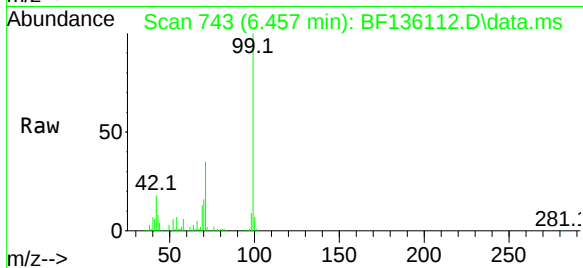


#7
Phenol-d6
Concen: 140.537 ng
RT: 6.457 min Scan# 743
Delta R.T. 0.000 min
Lab File: BF136112.D
Acq: 02 Nov 2023 23:38

Instrument :
BNA_F
ClientSampleId :
B5

Tgt Ion: 99 Resp: 1112685

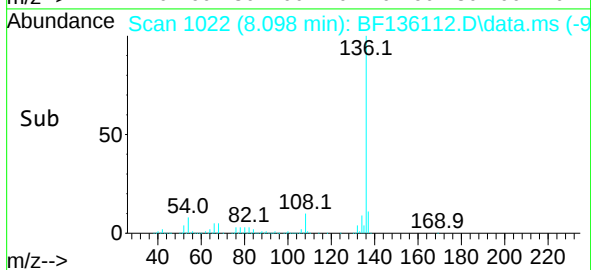
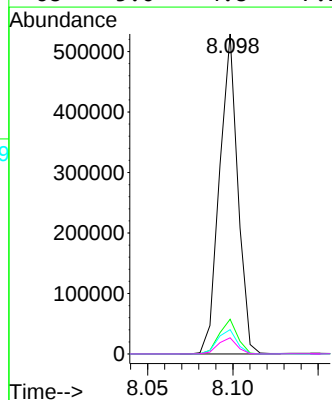
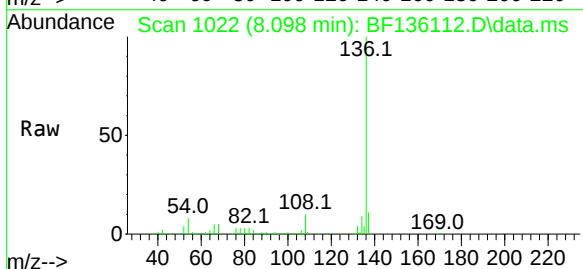
Ion	Ratio	Lower	Upper
99	100		
42	17.8	13.7	20.5
71	35.2	25.9	38.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.098 min Scan# 1022
Delta R.T. -0.006 min
Lab File: BF136112.D
Acq: 02 Nov 2023 23:38

Tgt Ion: 136 Resp: 394765

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.6	13.0
54	7.6	6.6	9.8
68	5.0	4.8	7.2





#23

Nitrobenzene-d5

Concen: 107.868 ng

RT: 7.381 min Scan# 90

Delta R.T. -0.012 min

Lab File: BF136112.D

Acq: 02 Nov 2023 23:38

Instrument :

BNA_F

ClientSampleId :

B5

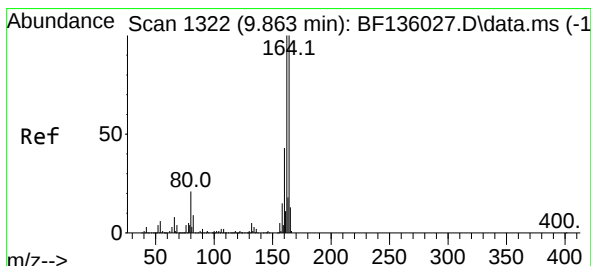
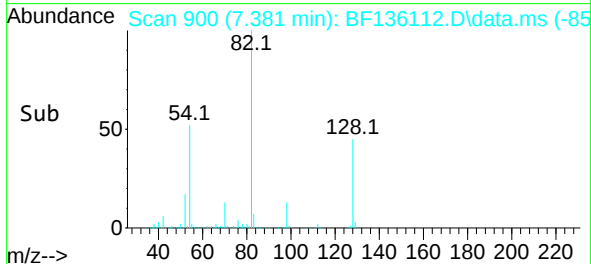
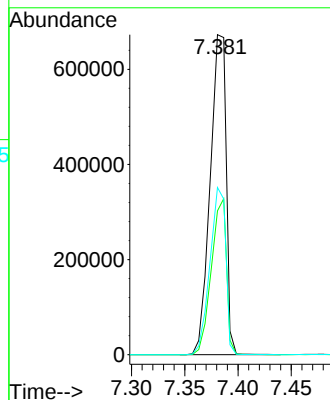
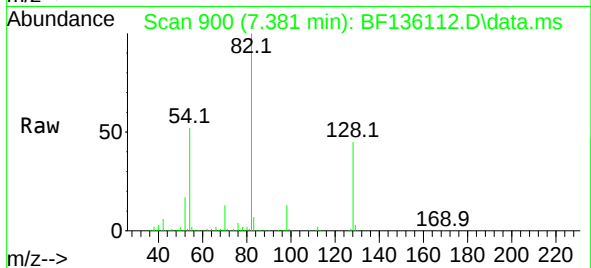
Tgt Ion: 82 Resp: 706385

Ion Ratio Lower Upper

82 100

128 44.9 38.6 57.8

54 52.3 40.8 61.2



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.857 min Scan# 1321

Delta R.T. -0.006 min

Lab File: BF136112.D

Acq: 02 Nov 2023 23:38

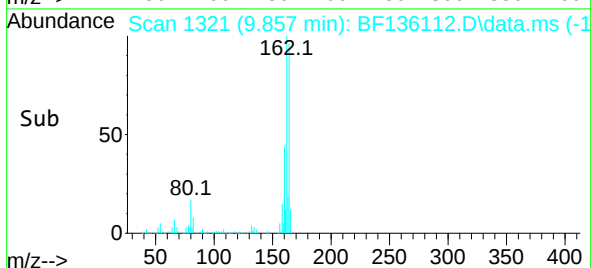
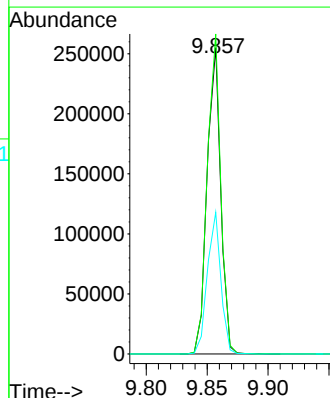
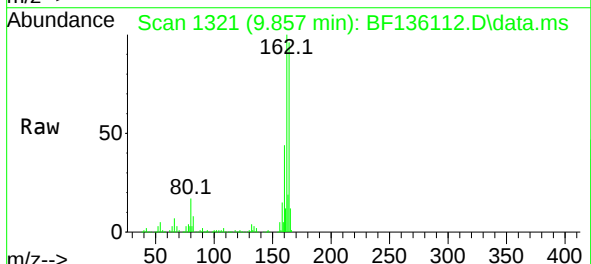
Tgt Ion:164 Resp: 197718

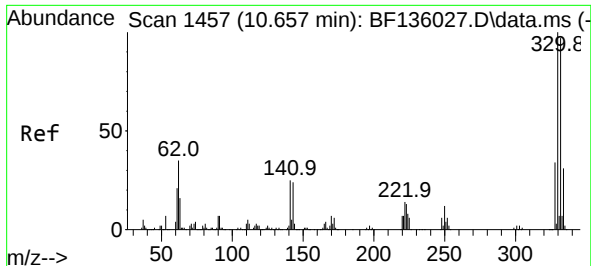
Ion Ratio Lower Upper

164 100

162 104.5 80.1 120.1

160 46.2 34.8 52.2





#42

2,4,6-Tribromophenol

Concen: 137.424 ng

RT: 10.651 min Scan# 1456

Delta R.T. -0.006 min

Lab File: BF136112.D

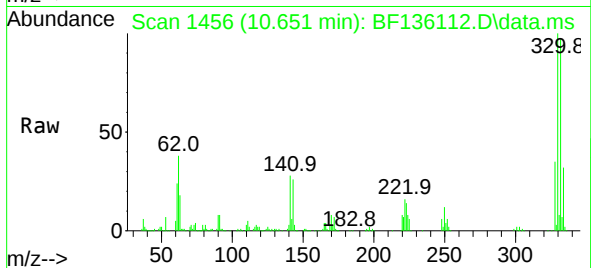
Acq: 02 Nov 2023 23:38

Instrument :

BNA_F

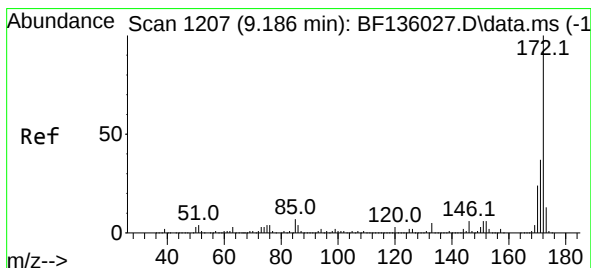
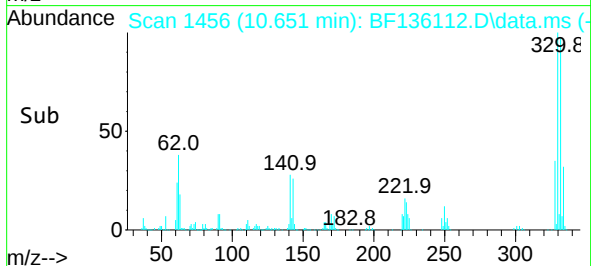
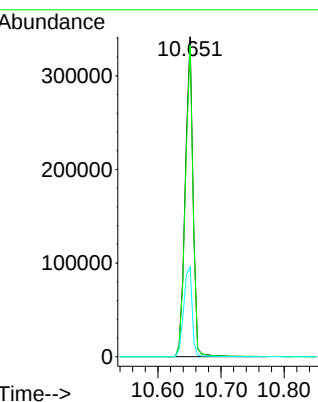
ClientSampleId :

B5



Tgt Ion:330 Resp: 290019

Ion	Ratio	Lower	Upper
330	100		
332	96.4	76.9	115.3
141	30.8	23.2	34.8



#45

2-Fluorobiphenyl

Concen: 103.625 ng

RT: 9.181 min Scan# 1206

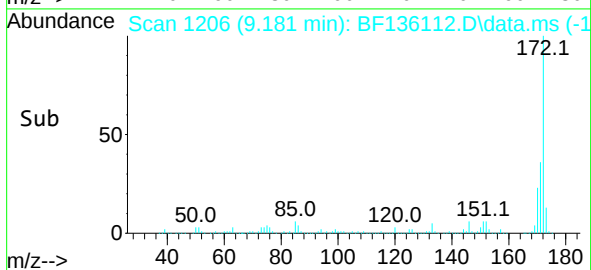
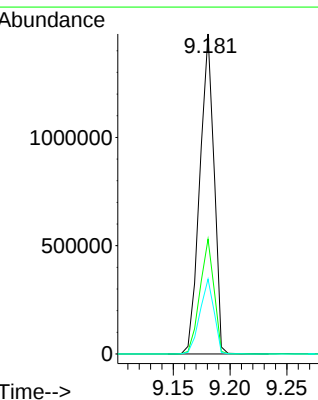
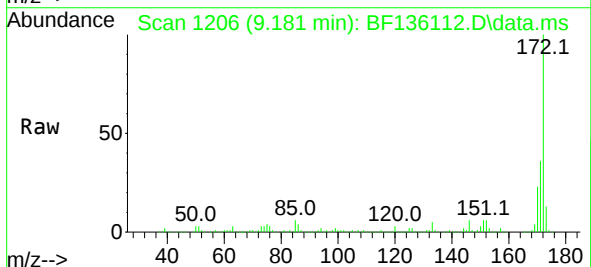
Delta R.T. -0.006 min

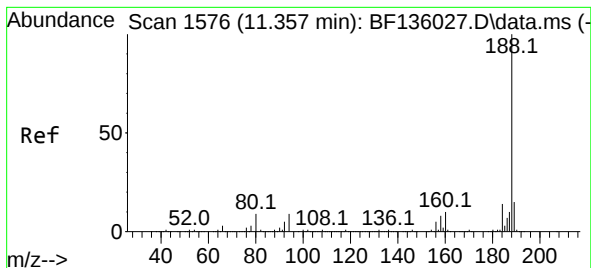
Lab File: BF136112.D

Acq: 02 Nov 2023 23:38

Tgt Ion:172 Resp: 1285273

Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.4	44.0
170	23.4	19.3	28.9





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.345 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF136112.D

Acq: 02 Nov 2023 23:38

Instrument :

BNA_F

ClientSampleId :

B5

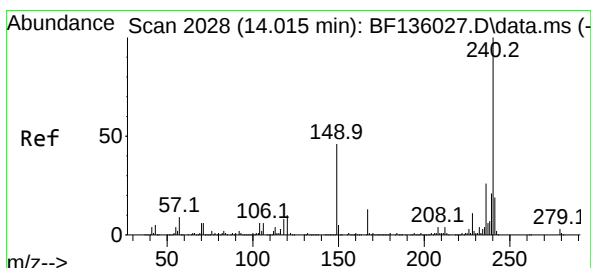
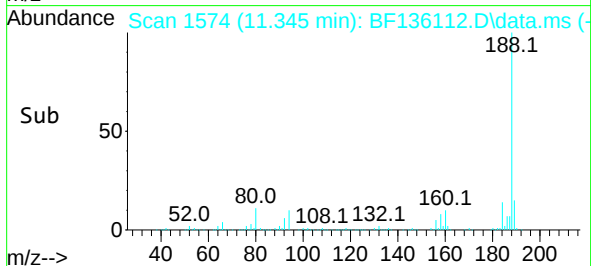
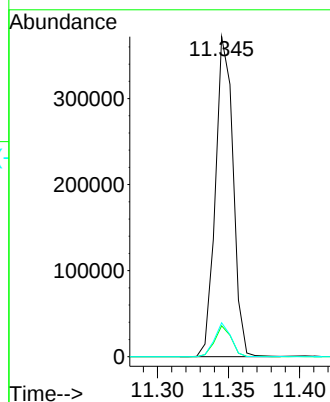
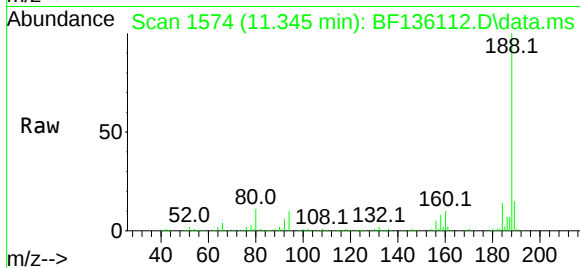
Tgt Ion:188 Resp: 322133

Ion Ratio Lower Upper

188 100

94 9.7 7.2 10.8

80 10.6 7.4 11.0



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.004 min Scan# 2026

Delta R.T. -0.012 min

Lab File: BF136112.D

Acq: 02 Nov 2023 23:38

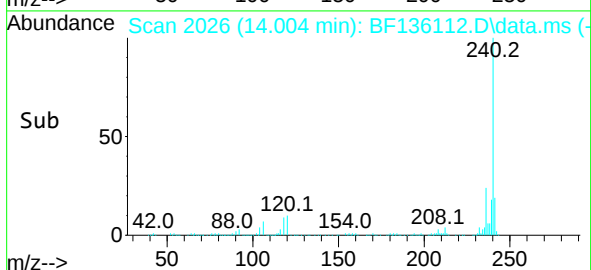
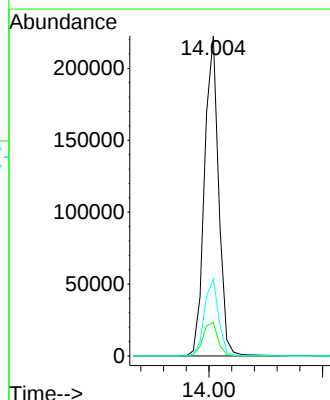
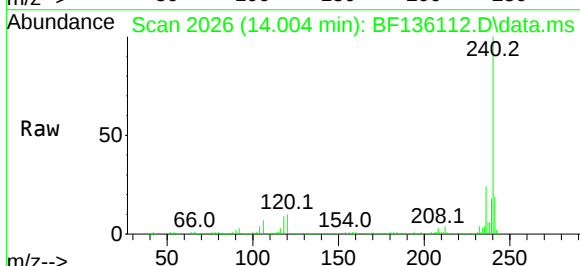
Tgt Ion:240 Resp: 191857

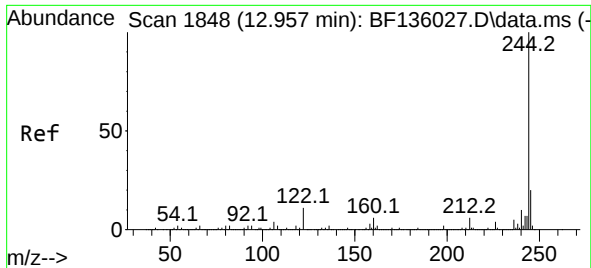
Ion Ratio Lower Upper

240 100

120 10.4 7.6 11.4

236 24.2 20.6 31.0

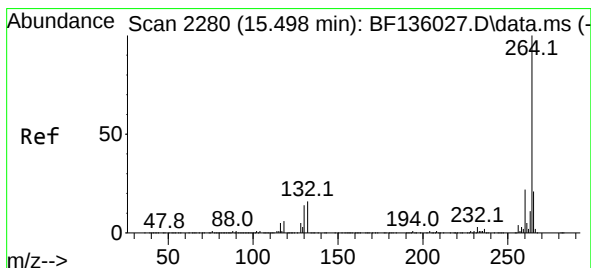
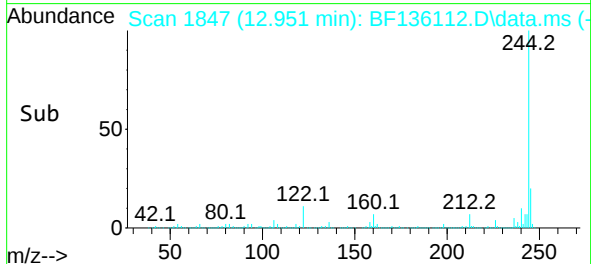
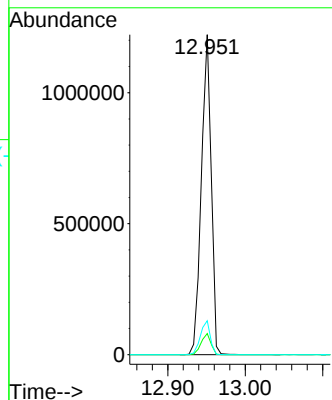
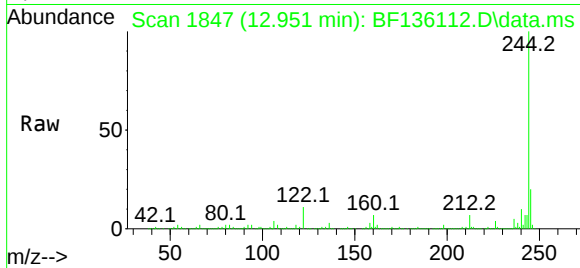




#79
 Terphenyl-d14
 Concen: 87.341 ng
 RT: 12.951 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF136112.D
 Acq: 02 Nov 2023 23:38

Instrument :
 BNA_F
 ClientSampleId :
 B5

Tgt Ion:244 Resp: 1078290
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.1 7.7
 122 10.6 8.6 12.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.492 min Scan# 2279
 Delta R.T. -0.006 min
 Lab File: BF136112.D
 Acq: 02 Nov 2023 23:38

Tgt Ion:264 Resp: 193665
 Ion Ratio Lower Upper
 264 100
 260 22.7 17.9 26.9
 265 20.9 16.8 25.2

