

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110223\
 Data File : BF136092.D
 Acq On : 02 Nov 2023 13:23
 Operator : CG\JU
 Sample : PB156666BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB156666BL

Quant Time: Nov 02 13:57:02 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	144546	20.000	ng	-0.01
21) Naphthalene-d8	8.098	136	585102	20.000	ng	0.00
39) Acenaphthene-d10	9.857	164	310645	20.000	ng	0.00
64) Phenanthrene-d10	11.351	188	600205	20.000	ng	0.00
76) Chrysene-d12	14.004	240	375809	20.000	ng	#-0.01
86) Perylene-d12	15.492	264	305051	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.457	112	1072737	116.621	ng	0.00
7) Phenol-d6	6.457	99	1331942	116.217	ng	0.00
23) Nitrobenzene-d5	7.381	82	821906	84.680	ng	-0.01
42) 2,4,6-Tribromophenol	10.651	330	417047	125.777	ng	0.00
45) 2-Fluorobiphenyl	9.181	172	1552158	79.650	ng	0.00
79) Terphenyl-d14	12.957	244	1908437	78.917	ng	0.00

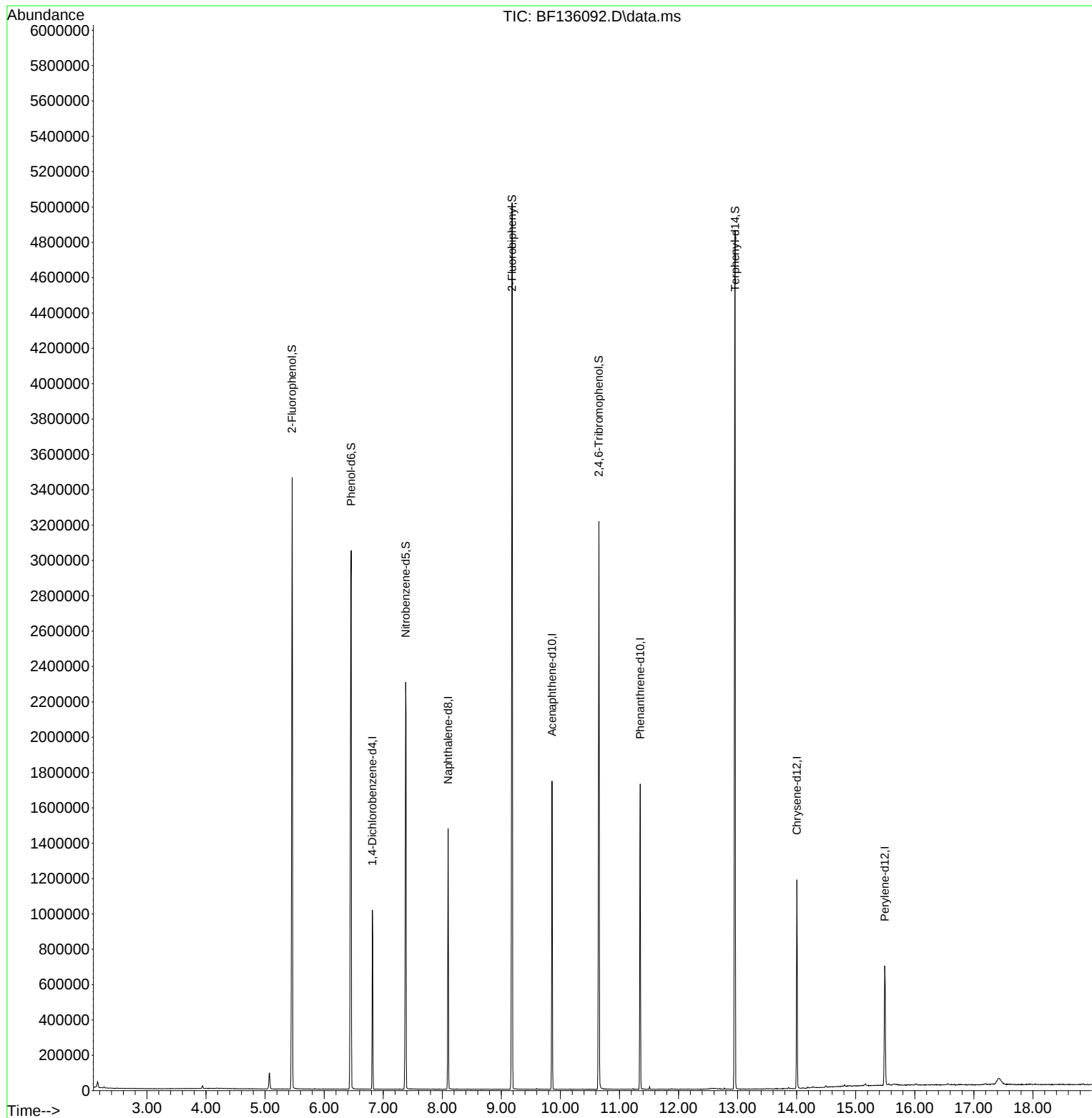
Target Compounds	Qvalue

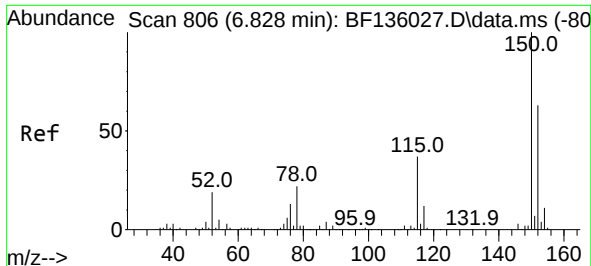
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Oct 31 01:13:02 2023
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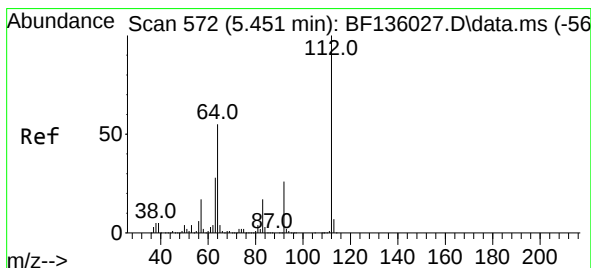
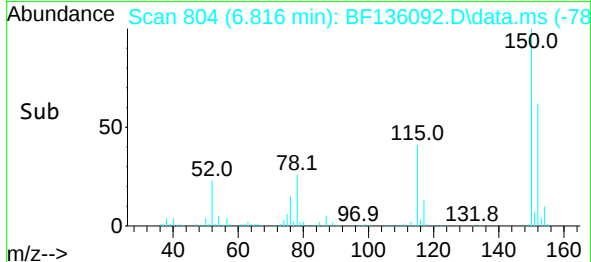
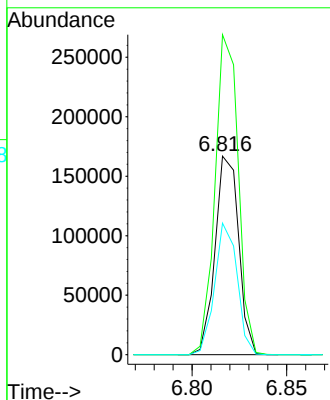
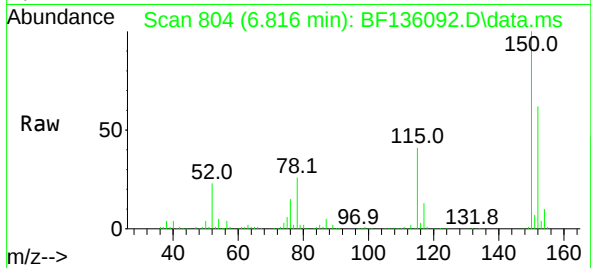




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.816 min Scan# 806
Delta R.T. -0.012 min
Lab File: BF136092.D
Acq: 02 Nov 2023 13:23

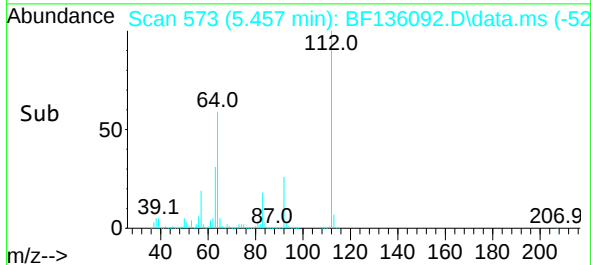
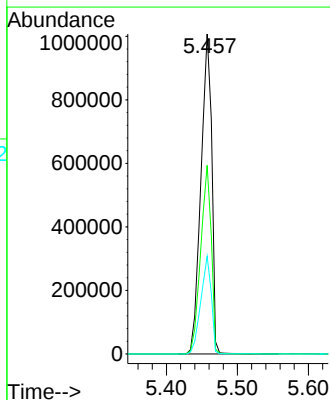
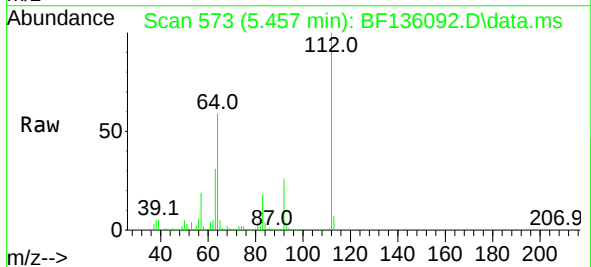
Instrument :
BNA_F
ClientSampleId :
PB156666BL

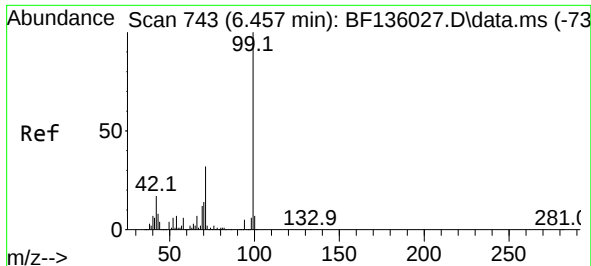
Tgt Ion:152 Resp: 144546
Ion Ratio Lower Upper
152 100
150 161.1 126.4 189.6
115 66.2 47.0 70.4



#5
2-Fluorophenol
Concen: 116.621 ng
RT: 5.457 min Scan# 573
Delta R.T. 0.006 min
Lab File: BF136092.D
Acq: 02 Nov 2023 13:23

Tgt Ion:112 Resp: 1072737
Ion Ratio Lower Upper
112 100
64 59.0 43.9 65.9
63 30.6 22.4 33.6



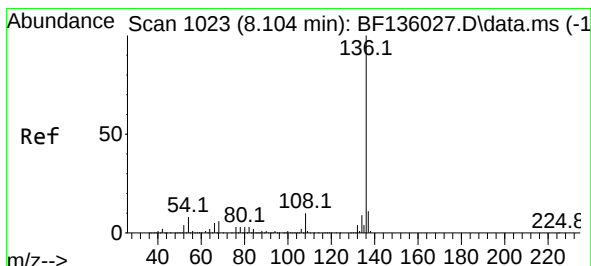
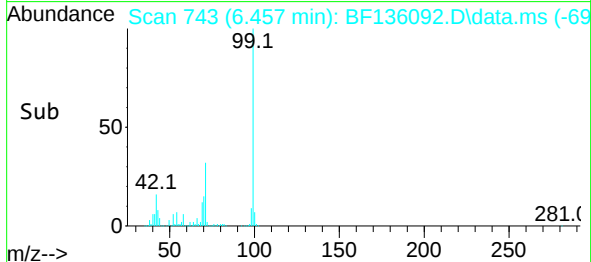
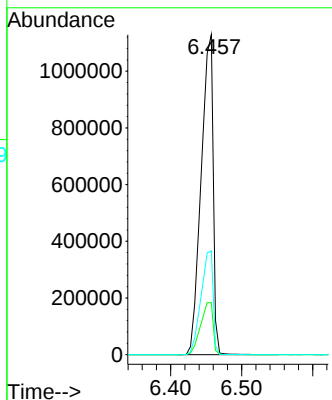
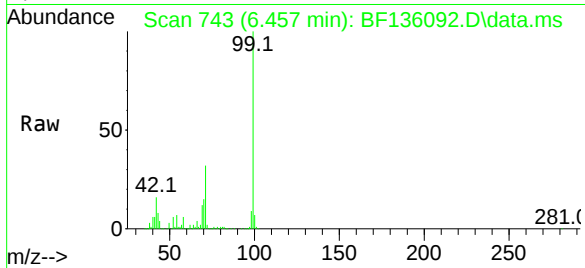


#7
Phenol-d6
Concen: 116.217 ng
RT: 6.457 min Scan# 743
Delta R.T. 0.000 min
Lab File: BF136092.D
Acq: 02 Nov 2023 13:23

Instrument :
BNA_F
ClientSampleId :
PB156666BL

Tgt Ion: 99 Resp: 1331942

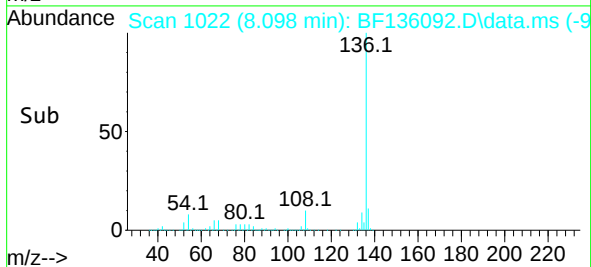
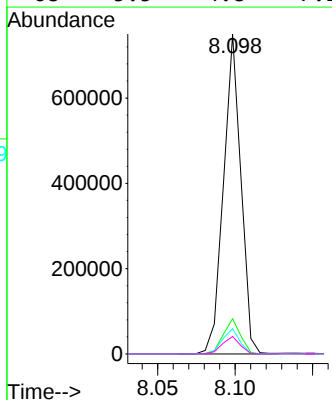
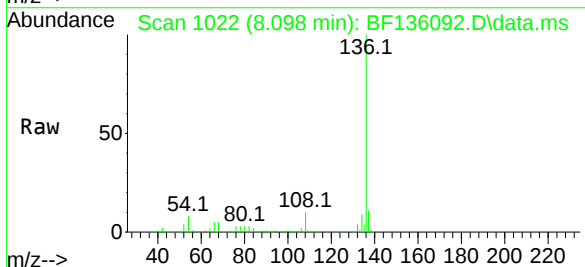
Ion	Ratio	Lower	Upper
99	100		
42	16.3	13.7	20.5
71	32.5	25.9	38.9

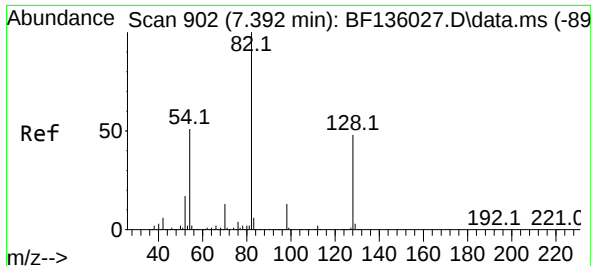


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.098 min Scan# 1022
Delta R.T. -0.006 min
Lab File: BF136092.D
Acq: 02 Nov 2023 13:23

Tgt Ion: 136 Resp: 585102

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.6	13.0
54	7.9	6.6	9.8
68	5.5	4.8	7.2





#23

Nitrobenzene-d5

Concen: 84.680 ng

RT: 7.381 min Scan# 90

Delta R.T. -0.012 min

Lab File: BF136092.D

Acq: 02 Nov 2023 13:23

Instrument :

BNA_F

ClientSampleId :

PB156666BL

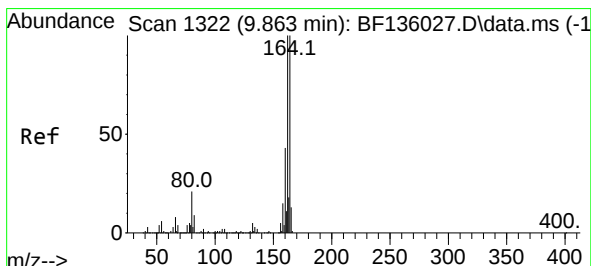
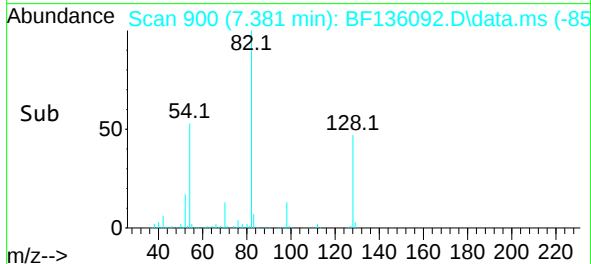
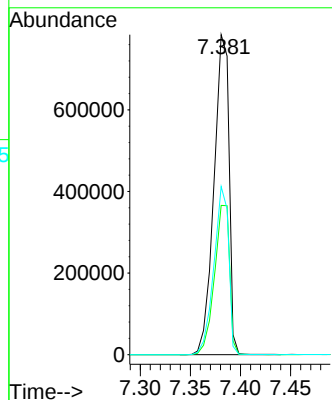
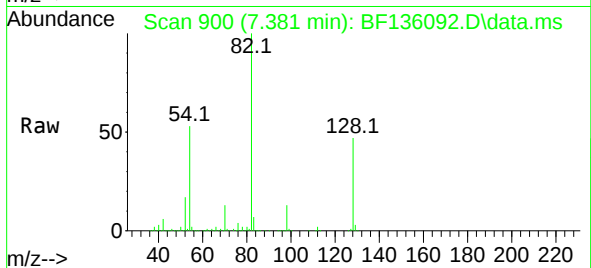
Tgt Ion: 82 Resp: 821906

Ion Ratio Lower Upper

82 100

128 46.7 38.6 57.8

54 52.6 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: BF136092.D

Acq: 02 Nov 2023 13:23

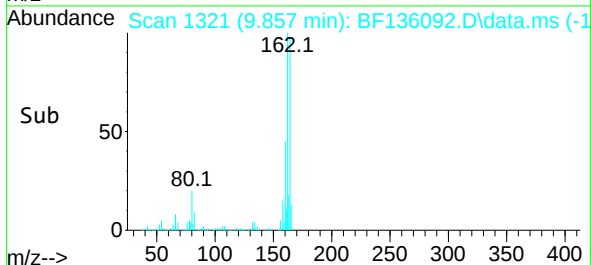
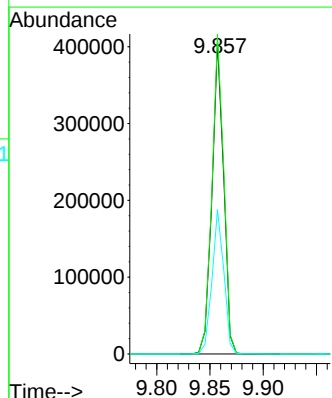
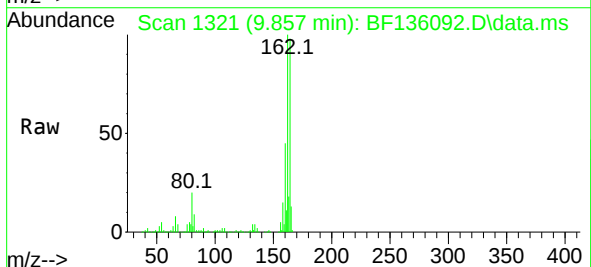
Tgt Ion:164 Resp: 310645

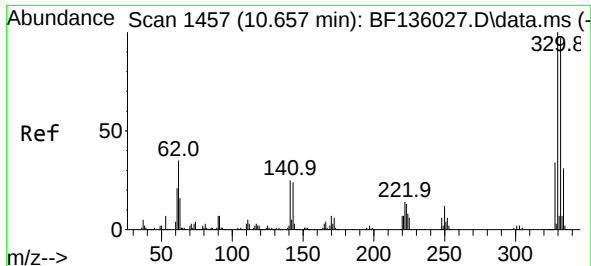
Ion Ratio Lower Upper

164 100

162 102.5 80.1 120.1

160 46.2 34.8 52.2





#42

2,4,6-Tribromophenol

Concen: 125.777 ng

RT: 10.651 min Scan# 1457

Delta R.T. -0.006 min

Lab File: BF136092.D

Acq: 02 Nov 2023 13:23

Instrument :

BNA_F

ClientSampleId :

PB156666BL

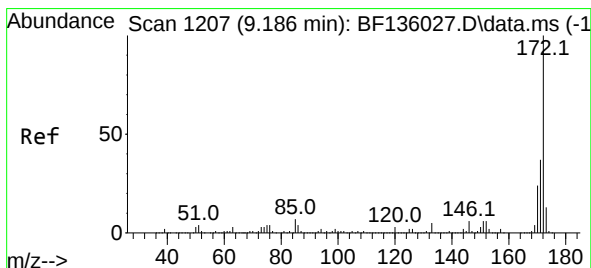
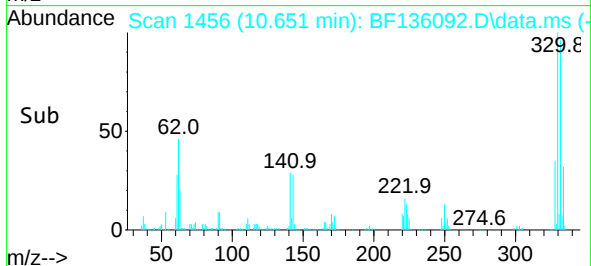
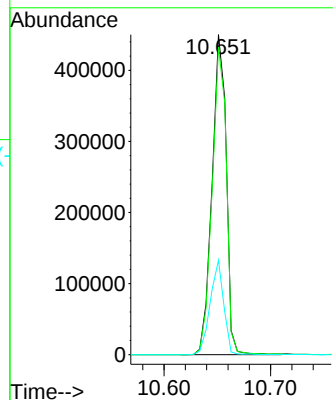
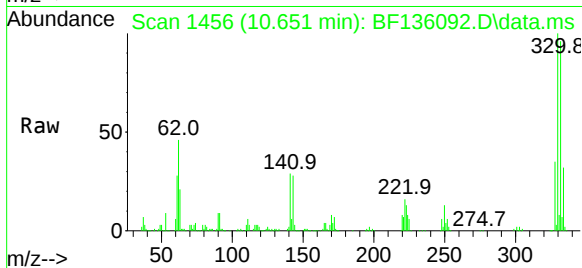
Tgt Ion:330 Resp: 417047

Ion Ratio Lower Upper

330 100

332 96.8 76.9 115.3

141 28.2 23.2 34.8



#45

2-Fluorobiphenyl

Concen: 79.650 ng

RT: 9.181 min Scan# 1206

Delta R.T. -0.006 min

Lab File: BF136092.D

Acq: 02 Nov 2023 13:23

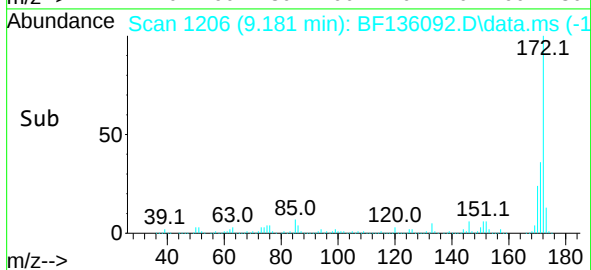
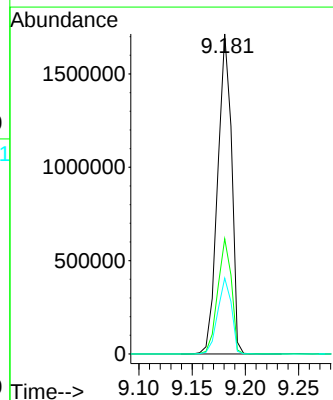
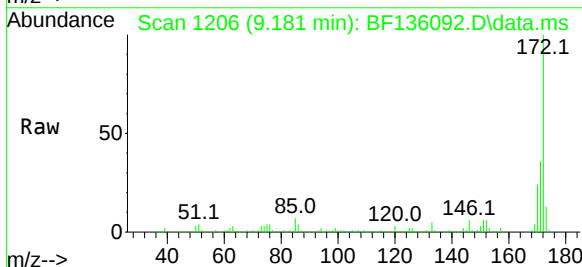
Tgt Ion:172 Resp: 1552158

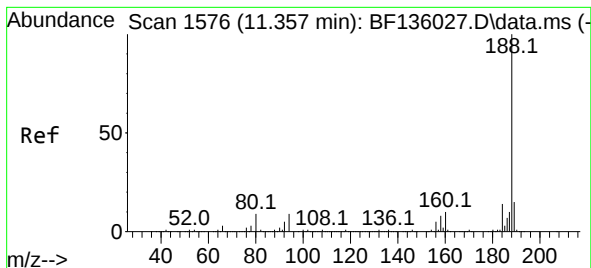
Ion Ratio Lower Upper

172 100

171 36.0 29.4 44.0

170 23.7 19.3 28.9





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.351 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF136092.D

Acq: 02 Nov 2023 13:23

Instrument :

BNA_F

ClientSampleId :

PB156666BL

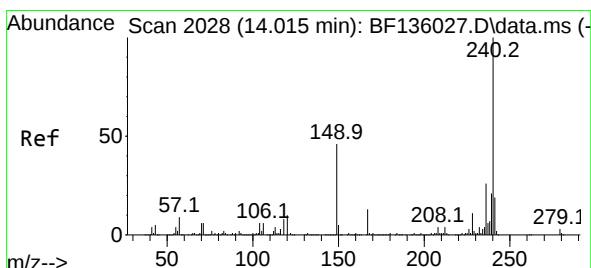
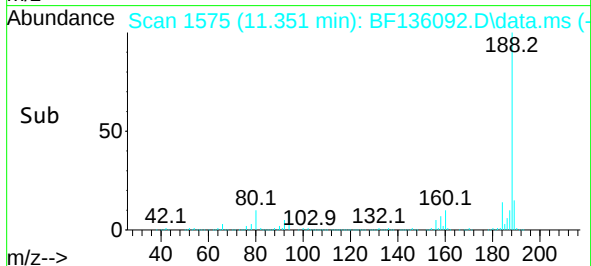
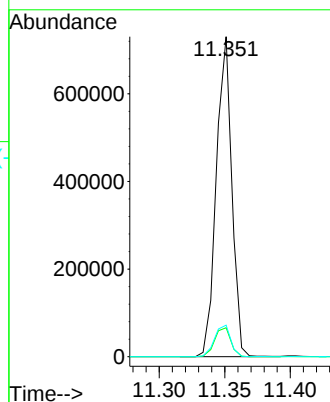
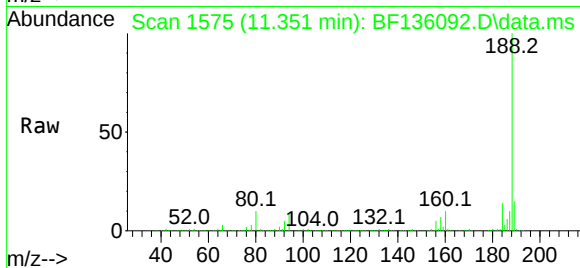
Tgt Ion:188 Resp: 600205

Ion Ratio Lower Upper

188 100

94 9.0 7.2 10.8

80 9.8 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: BF136092.D

Acq: 02 Nov 2023 13:23

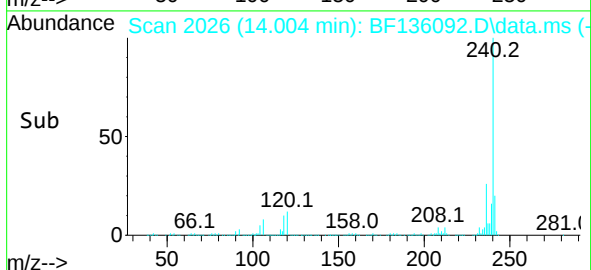
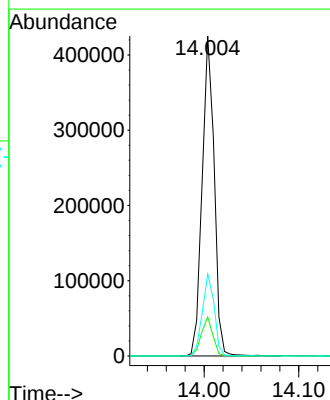
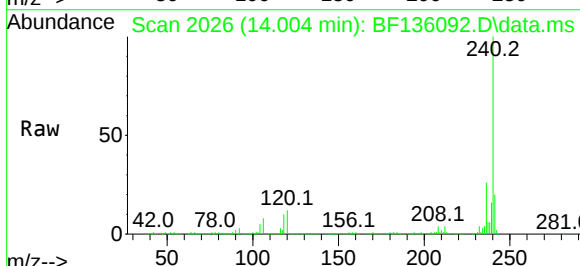
Tgt Ion:240 Resp: 375809

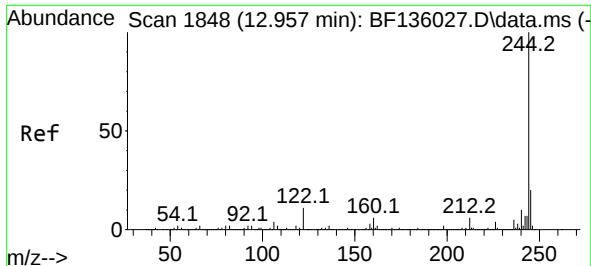
Ion Ratio Lower Upper

240 100

120 12.2 7.6 11.4#

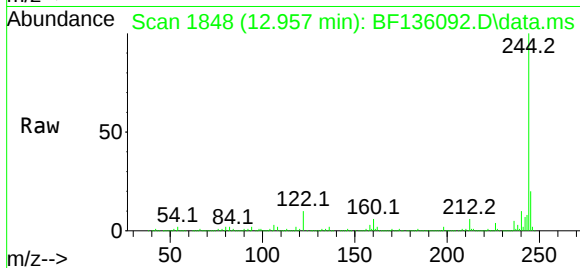
236 25.6 20.6 31.0



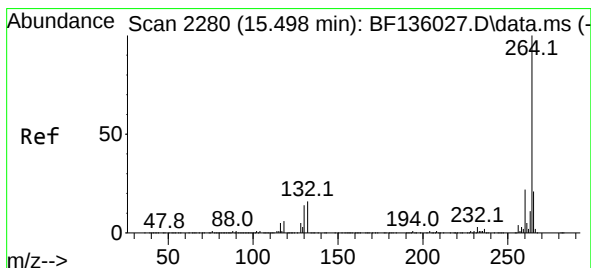
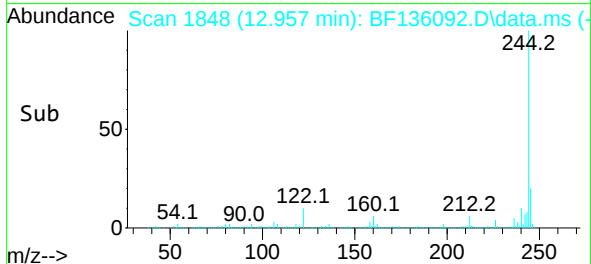
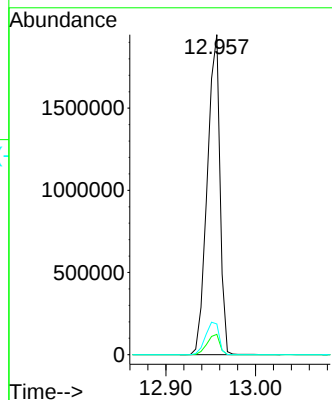


#79
Terphenyl-d14
Concen: 78.917 ng
RT: 12.957 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF136092.D
Acq: 02 Nov 2023 13:23

Instrument :
BNA_F
ClientSampleId :
PB156666BL



Tgt Ion:244 Resp: 1908437
Ion Ratio Lower Upper
244 100
212 6.3 5.1 7.7
122 9.6 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: BF136092.D
Acq: 02 Nov 2023 13:23

Tgt Ion:264 Resp: 305051
Ion Ratio Lower Upper
264 100
260 22.3 17.9 26.9
265 21.1 16.8 25.2

