

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110323\
 Data File : BF136121.D
 Acq On : 03 Nov 2023 13:38
 Operator : CG\JU
 Sample : 05143-03
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMPOSITE-1

Quant Time: Nov 03 14:10:56 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	91761	20.000	ng	-0.01
21) Naphthalene-d8	8.098	136	352857	20.000	ng	# 0.00
39) Acenaphthene-d10	9.857	164	170579	20.000	ng	0.00
64) Phenanthrene-d10	11.345	188	282722	20.000	ng	-0.01
76) Chrysene-d12	14.004	240	190425	20.000	ng	-0.01
86) Perylene-d12	15.492	264	232270	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	140317	24.029	ng	-0.01
7) Phenol-d6	6.440	99	117619	16.166	ng	-0.02
23) Nitrobenzene-d5	7.381	82	390615	66.733	ng	-0.01
42) 2,4,6-Tribromophenol	10.645	330	80115	44.002	ng	-0.01
45) 2-Fluorobiphenyl	9.175	172	708671	66.227	ng	-0.01
79) Terphenyl-d14	12.945	244	650559	53.091	ng	-0.01

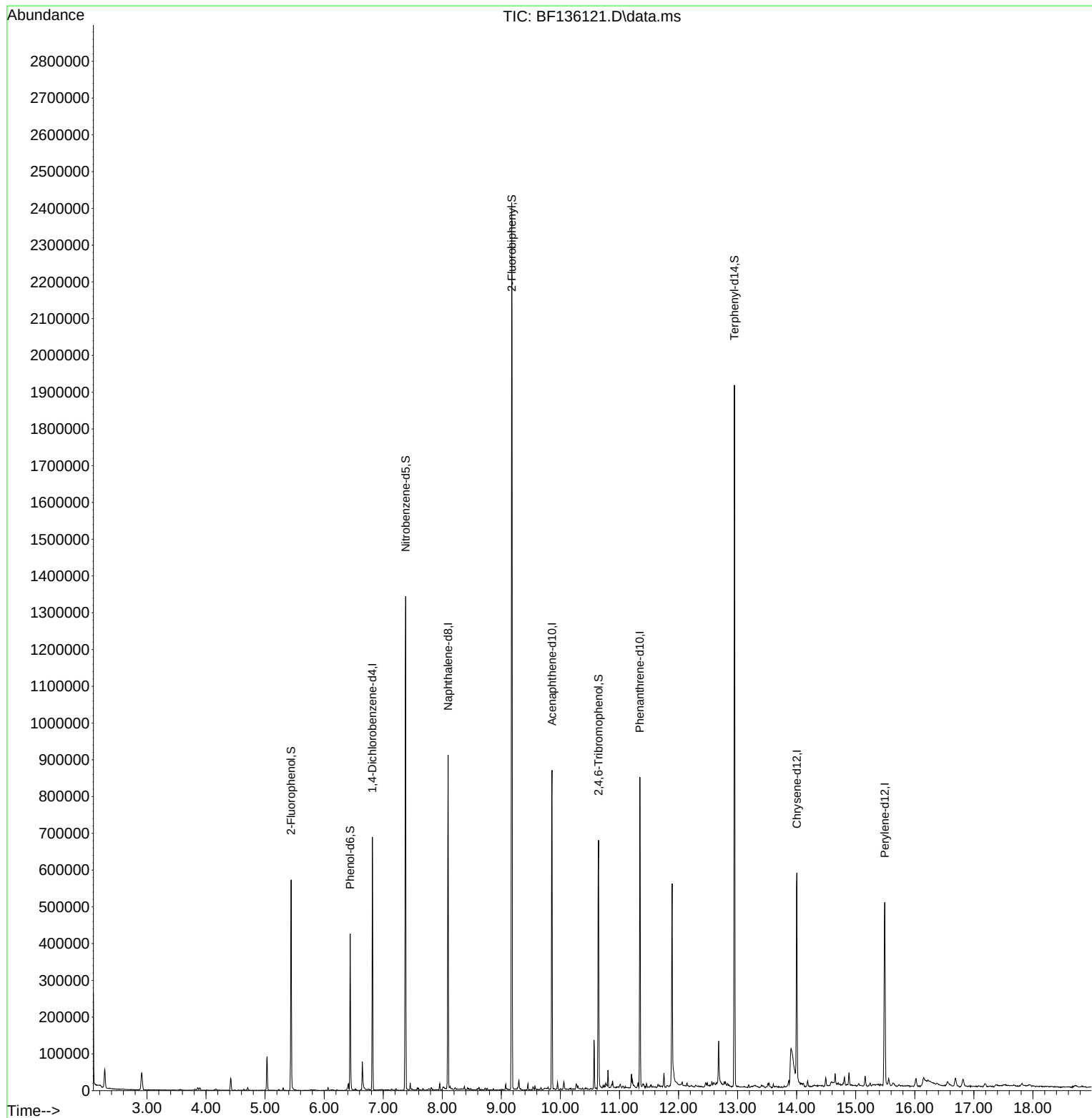
Target Compounds	Qvalue

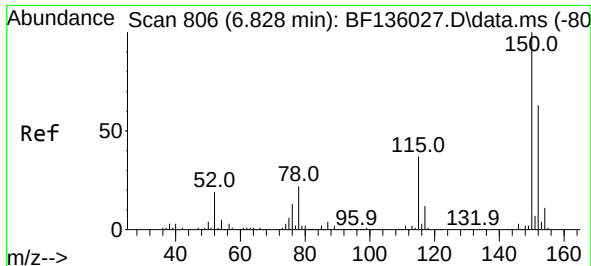
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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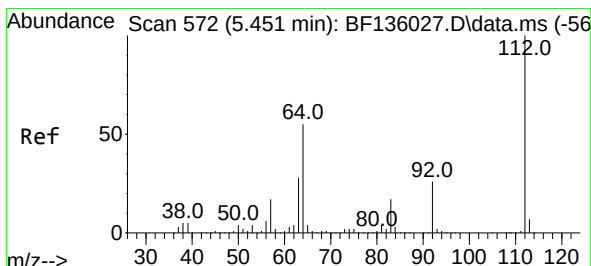
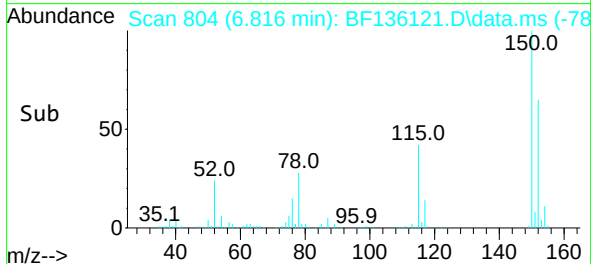
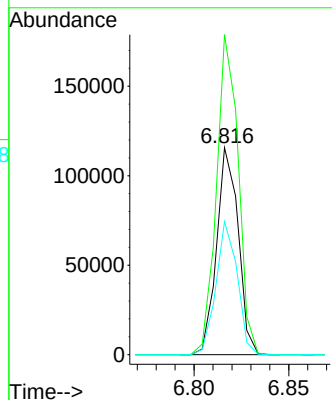
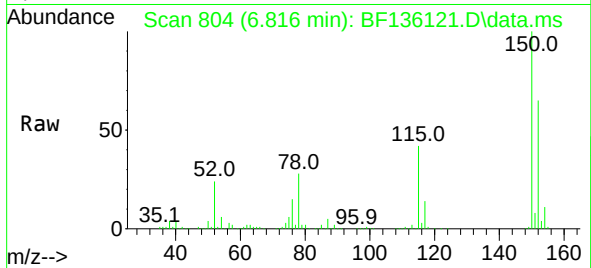




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.816 min Scan# 806
Delta R.T. -0.012 min
Lab File: BF136121.D
Acq: 03 Nov 2023 13:38

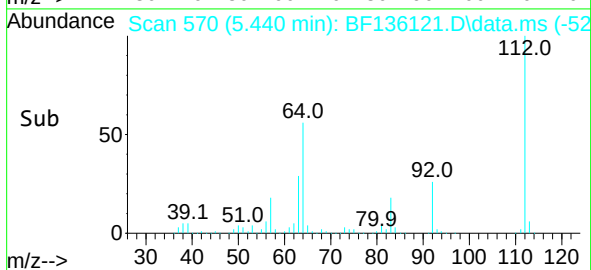
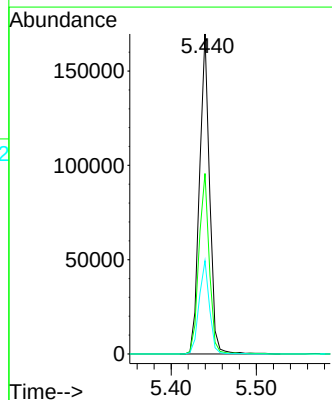
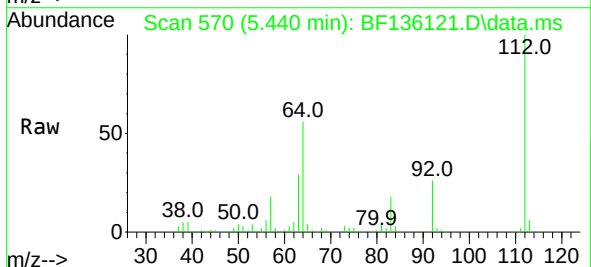
Instrument :
BNA_F
ClientSampleId :
COMPOSITE-1

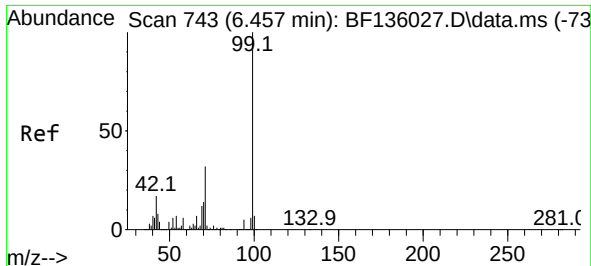
Tgt Ion:152 Resp: 91761
Ion Ratio Lower Upper
152 100
150 154.6 126.4 189.6
115 64.3 47.0 70.4



#5
2-Fluorophenol
Concen: 24.029 ng
RT: 5.440 min Scan# 570
Delta R.T. -0.012 min
Lab File: BF136121.D
Acq: 03 Nov 2023 13:38

Tgt Ion:112 Resp: 140317
Ion Ratio Lower Upper
112 100
64 56.4 43.9 65.9
63 29.1 22.4 33.6

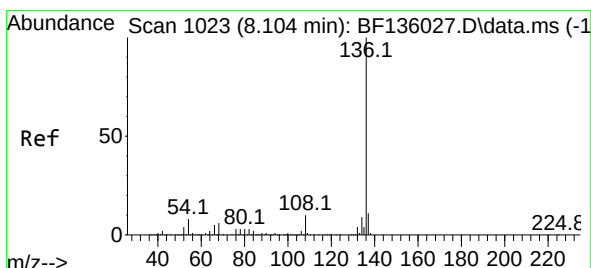
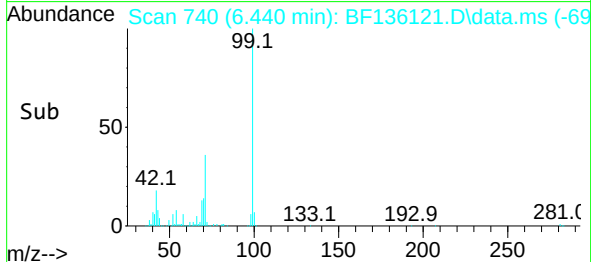
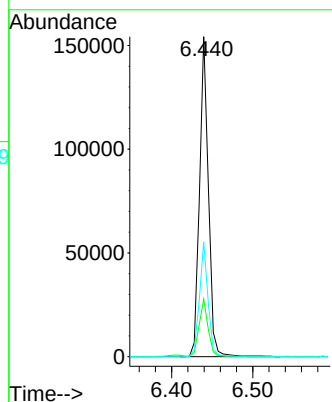
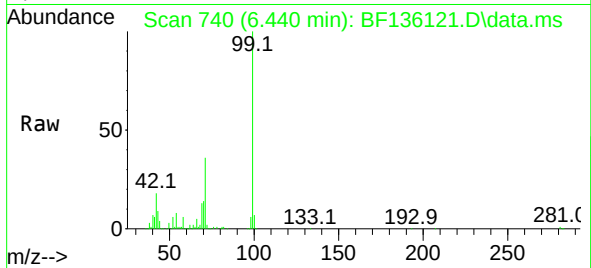




#7
Phenol-d6
Concen: 16.166 ng
RT: 6.440 min Scan# 74
Delta R.T. -0.017 min
Lab File: BF136121.D
Acq: 03 Nov 2023 13:38

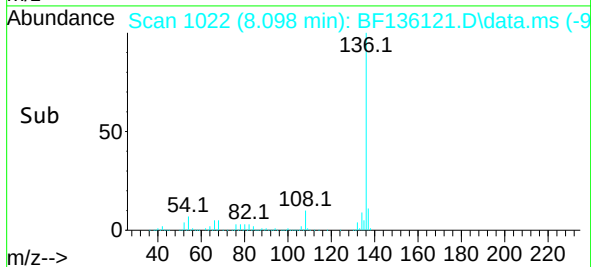
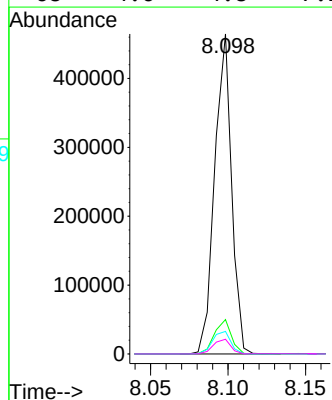
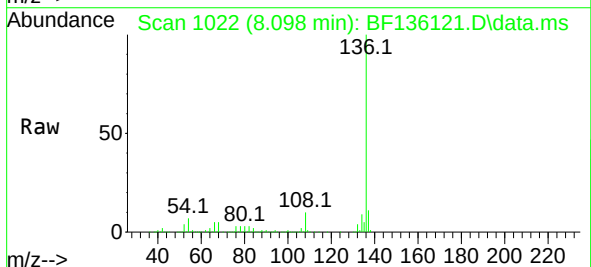
Instrument :
BNA_F
ClientSampleId :
COMPOSITE-1

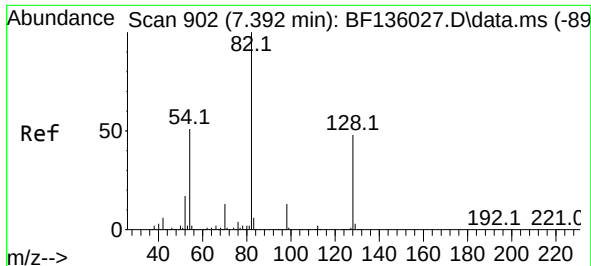
Tgt Ion: 99 Resp: 117619
Ion Ratio Lower Upper
99 100
42 18.0 13.7 20.5
71 35.9 25.9 38.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.098 min Scan# 1022
Delta R.T. -0.006 min
Lab File: BF136121.D
Acq: 03 Nov 2023 13:38

Tgt Ion: 136 Resp: 352857
Ion Ratio Lower Upper
136 100
137 10.8 8.6 13.0
54 7.1 6.6 9.8
68 4.6 4.8 7.2#





#23

Nitrobenzene-d5

Concen: 66.733 ng

RT: 7.381 min Scan# 90

Delta R.T. -0.012 min

Lab File: BF136121.D

Acq: 03 Nov 2023 13:38

Instrument :

BNA_F

ClientSampleId :

COMPOSITE-1

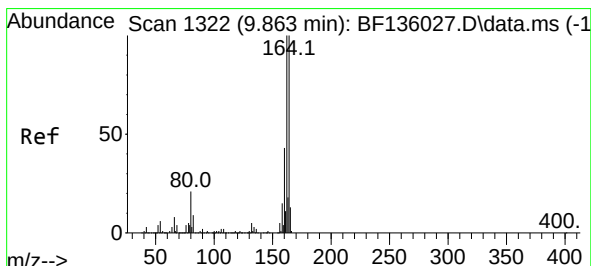
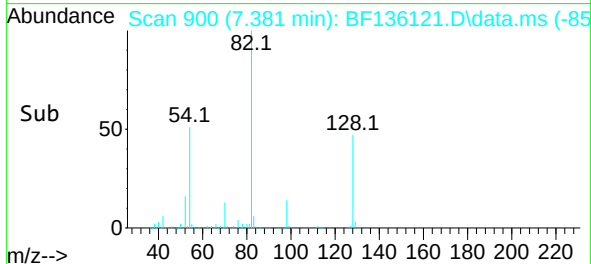
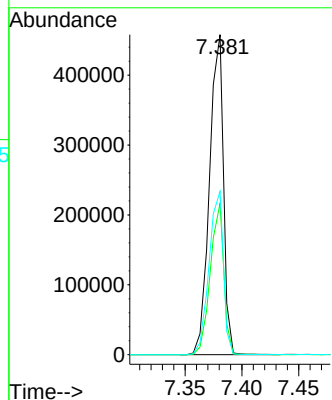
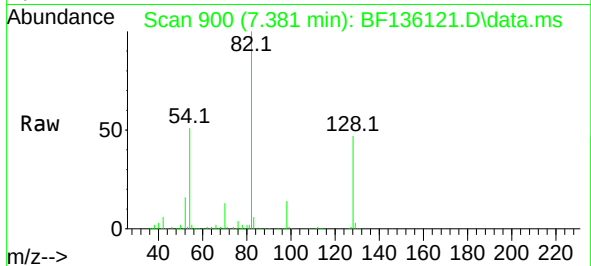
Tgt Ion: 82 Resp: 390615

Ion Ratio Lower Upper

82 100

128 47.3 38.6 57.8

54 51.1 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: BF136121.D

Acq: 03 Nov 2023 13:38

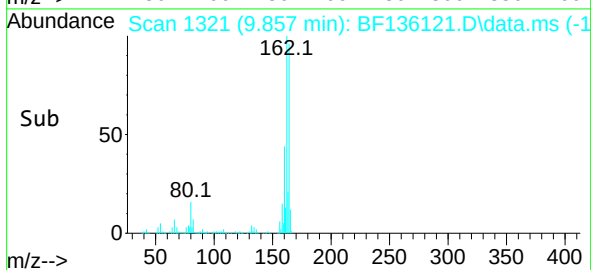
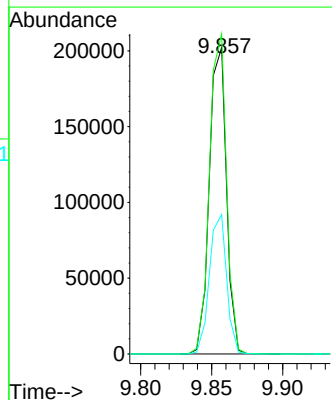
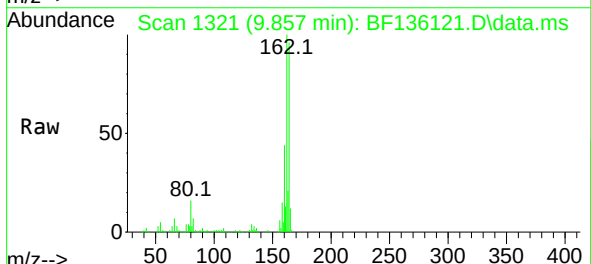
Tgt Ion:164 Resp: 170579

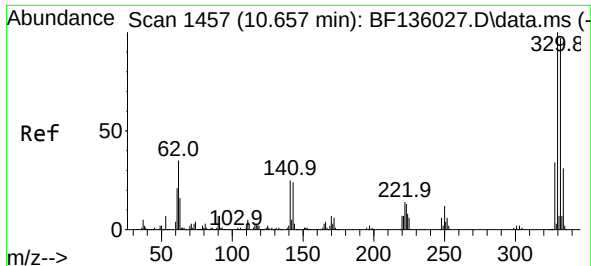
Ion Ratio Lower Upper

164 100

162 104.4 80.1 120.1

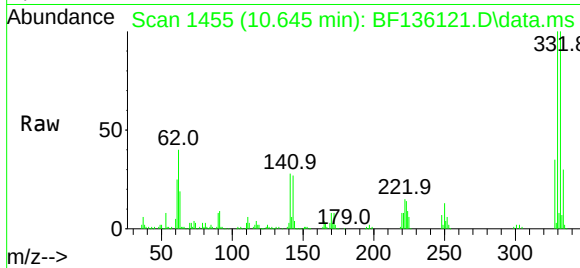
160 45.5 34.8 52.2



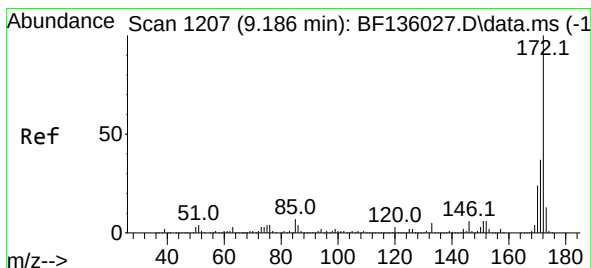
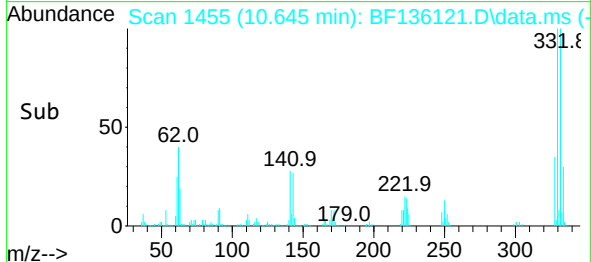
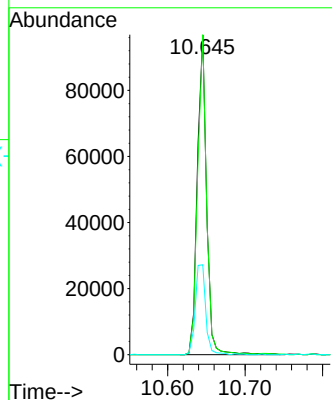


#42
2,4,6-Tribromophenol
Concen: 44.002 ng
RT: 10.645 min Scan# 1455
Delta R.T. -0.012 min
Lab File: BF136121.D
Acq: 03 Nov 2023 13:38

Instrument :
BNA_F
ClientSampleId :
COMPOSITE-1

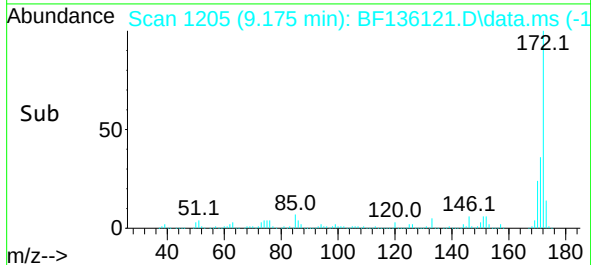
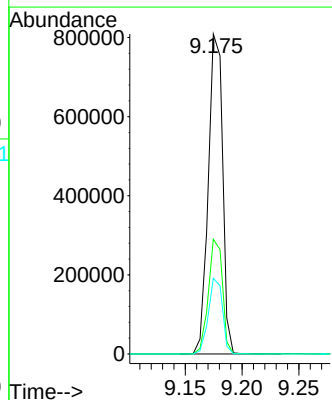
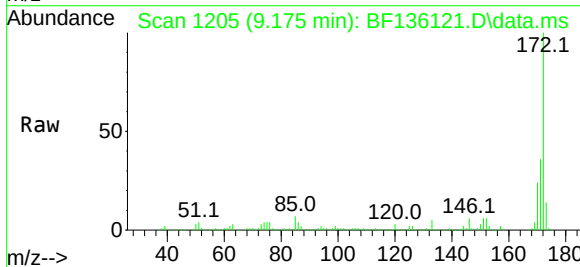


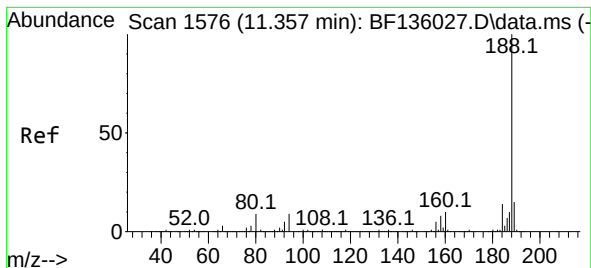
Tgt Ion:330 Resp: 80115
Ion Ratio Lower Upper
330 100
332 96.7 76.9 115.3
141 31.6 23.2 34.8



#45
2-Fluorobiphenyl
Concen: 66.227 ng
RT: 9.175 min Scan# 1205
Delta R.T. -0.012 min
Lab File: BF136121.D
Acq: 03 Nov 2023 13:38

Tgt Ion:172 Resp: 708671
Ion Ratio Lower Upper
172 100
171 35.8 29.4 44.0
170 23.6 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: BF136121.D

Acq: 03 Nov 2023 13:38

Instrument :

BNA_F

ClientSampleId :

COMPOSITE-1

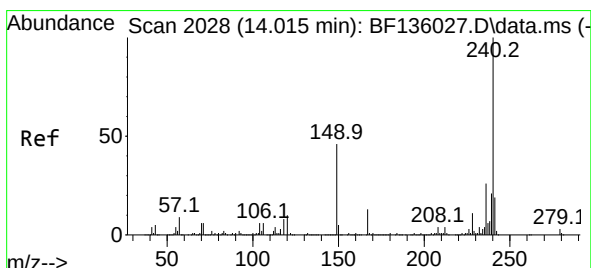
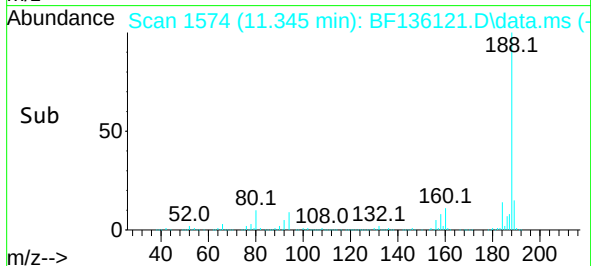
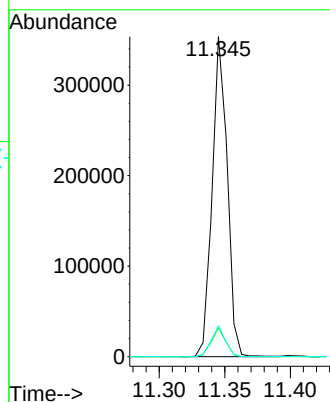
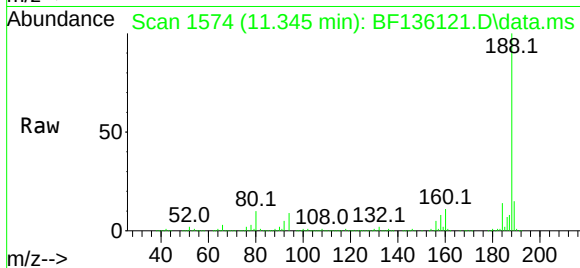
Tgt Ion:188 Resp: 282722

Ion Ratio Lower Upper

188 100

94 9.0 7.2 10.8

80 9.7 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: BF136121.D

Acq: 03 Nov 2023 13:38

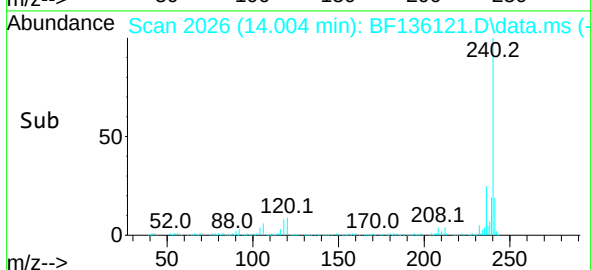
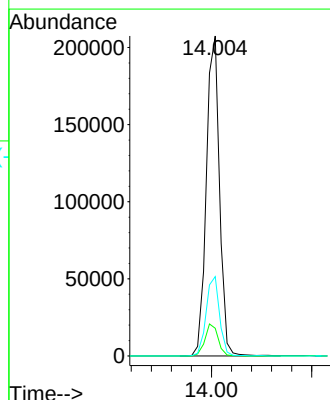
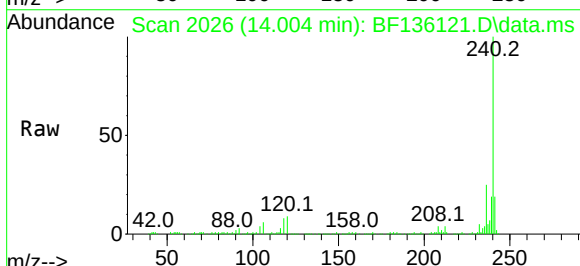
Tgt Ion:240 Resp: 190425

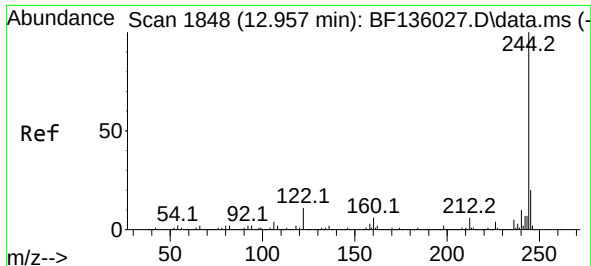
Ion Ratio Lower Upper

240 100

120 8.6 7.6 11.4

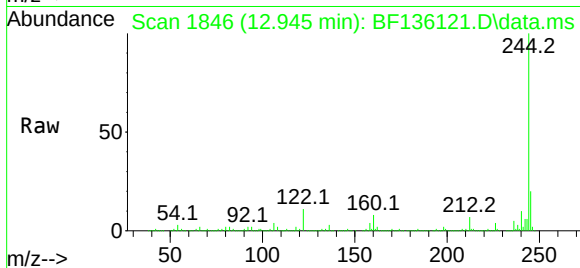
236 24.8 20.6 31.0



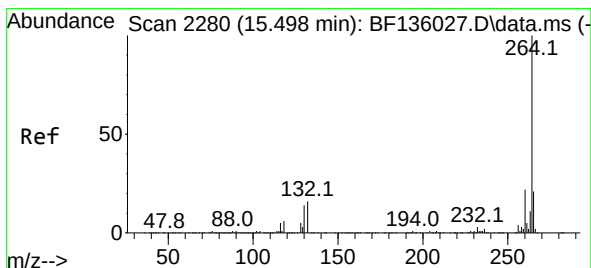
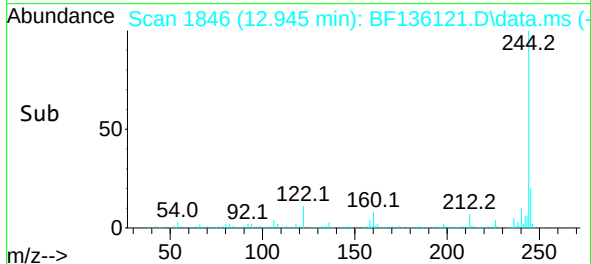
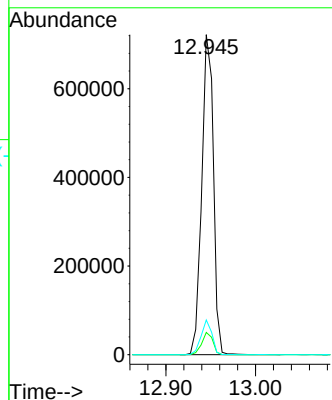


#79
 Terphenyl-d14
 Concen: 53.091 ng
 RT: 12.945 min Scan# 11
 Delta R.T. -0.012 min
 Lab File: BF136121.D
 Acq: 03 Nov 2023 13:38

Instrument :
 BNA_F
 ClientSampleId :
 COMPOSITE-1



Tgt Ion:244 Resp: 650559
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.1 7.7
 122 10.8 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: BF136121.D
 Acq: 03 Nov 2023 13:38

Tgt Ion:264 Resp: 232270
 Ion Ratio Lower Upper
 264 100
 260 22.6 17.9 26.9
 265 21.3 16.8 25.2

