

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112823\
 Data File : BF136270.D
 Acq On : 29 Nov 2023 02:25
 Operator : CG\JU
 Sample : 05553-01 5X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HD-01-112723

Quant Time: Nov 29 03:13:55 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	104211	20.000	ng	0.00
21) Naphthalene-d8	8.081	136	353476	20.000	ng	0.00
39) Acenaphthene-d10	9.839	164	152209	20.000	ng	0.00
64) Phenanthrene-d10	11.328	188	310306	20.000	ng	0.00
76) Chrysene-d12	13.980	240	253928	20.000	ng	#-0.01
86) Perylene-d12	15.468	264	169800	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	156531	20.906	ng	-0.01
7) Phenol-d6	6.428	99	174618	18.652	ng	-0.02
23) Nitrobenzene-d5	7.357	82	100750	15.062	ng	-0.02
42) 2,4,6-Tribromophenol	10.628	330	40433	21.728	ng	-0.01
45) 2-Fluorobiphenyl	9.157	172	190452	15.982	ng	-0.01
79) Terphenyl-d14	12.922	244	264897	12.033	ng	-0.01

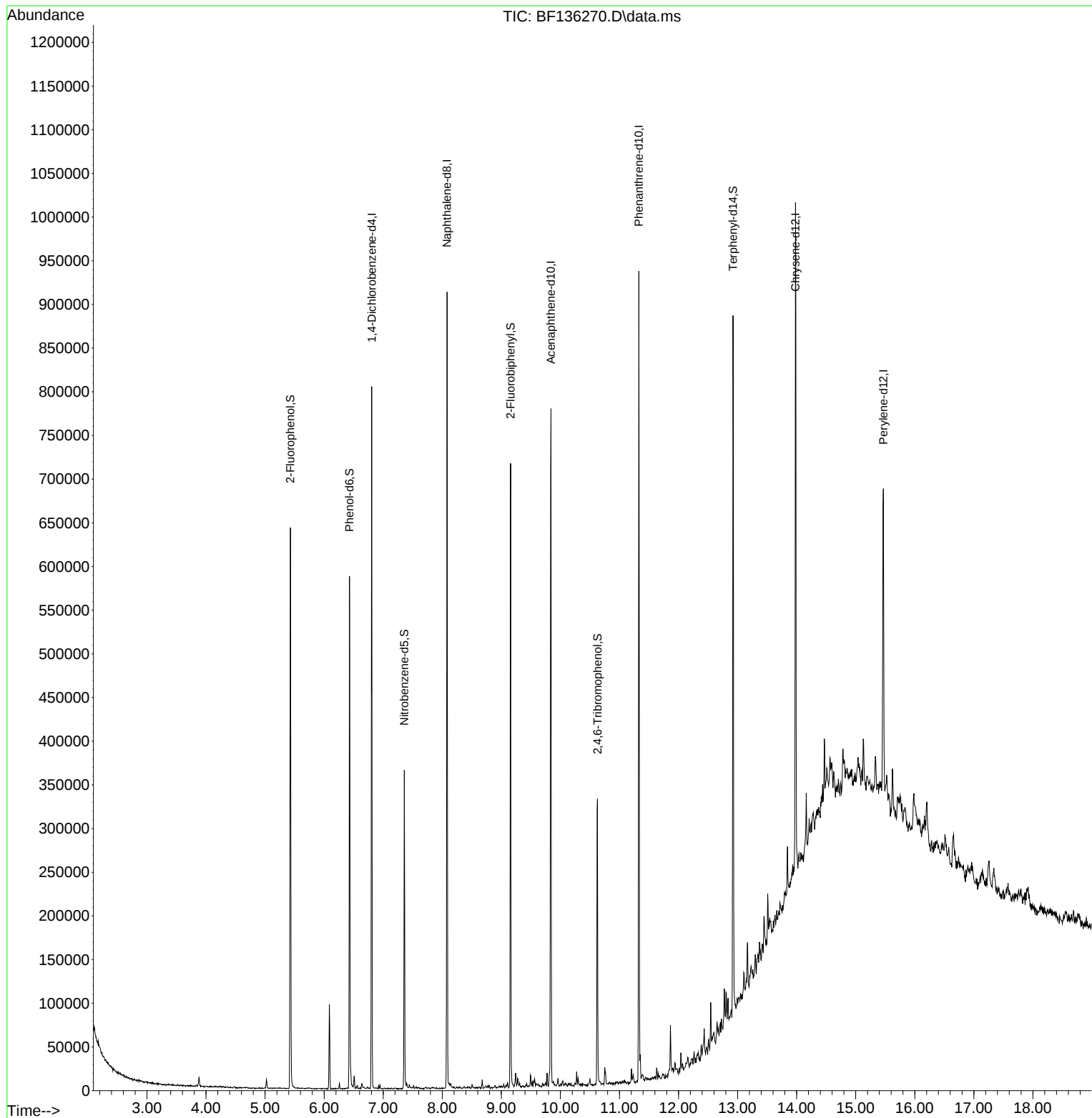
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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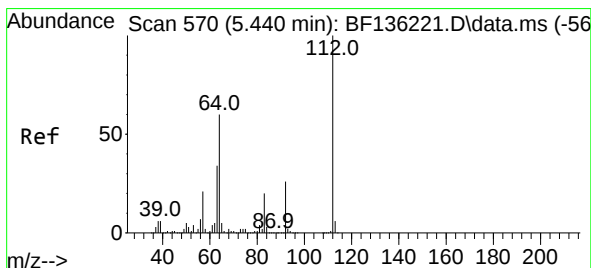
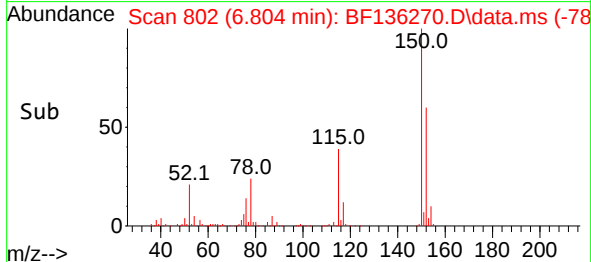
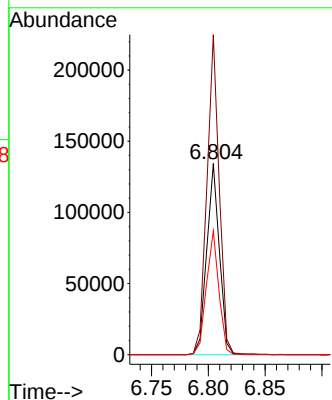
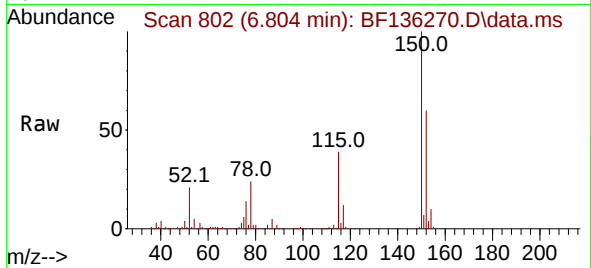




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.804 min Scan# 803
Delta R.T. -0.006 min
Lab File: BF136270.D
Acq: 29 Nov 2023 02:25

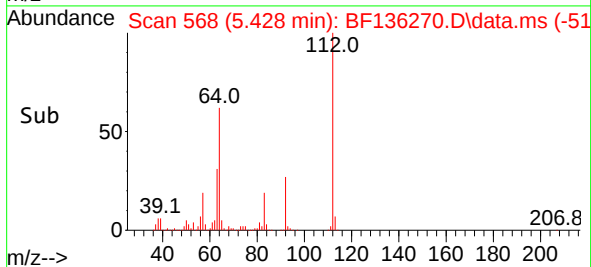
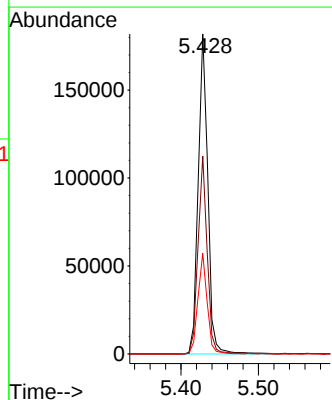
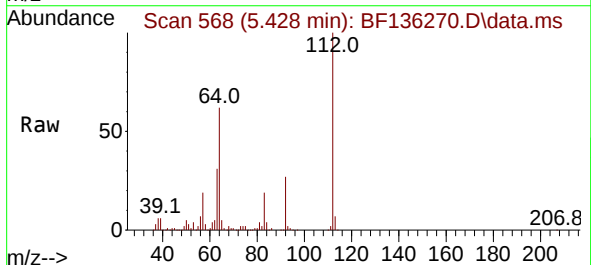
Instrument :
BNA_F
ClientSampleId :
HD-01-112723

Tgt Ion:152 Resp: 104211
Ion Ratio Lower Upper
152 100
150 167.3 137.8 206.8
115 64.8 52.7 79.1



#5
2-Fluorophenol
Concen: 20.906 ng
RT: 5.428 min Scan# 568
Delta R.T. -0.012 min
Lab File: BF136270.D
Acq: 29 Nov 2023 02:25

Tgt Ion:112 Resp: 156531
Ion Ratio Lower Upper
112 100
64 61.9 48.2 72.4
63 31.4 27.0 40.6





#7

Phenol-d6

Concen: 18.652 ng

RT: 6.428 min Scan# 71

Delta R.T. -0.017 min

Lab File: BF136270.D

Acq: 29 Nov 2023 02:25

Instrument :

BNA_F

ClientSampleId :

HD-01-112723

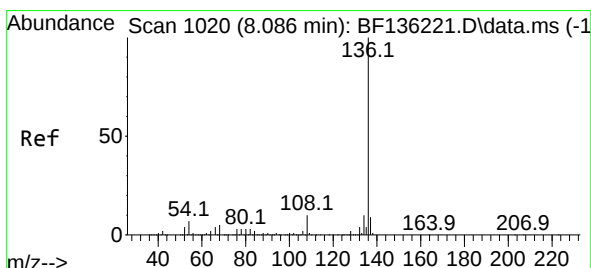
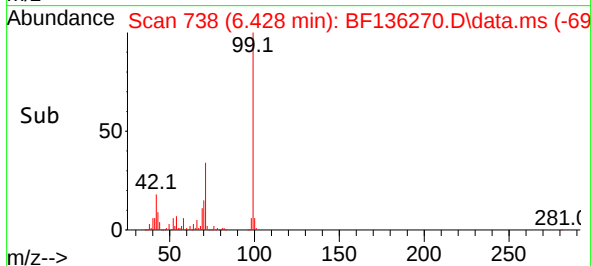
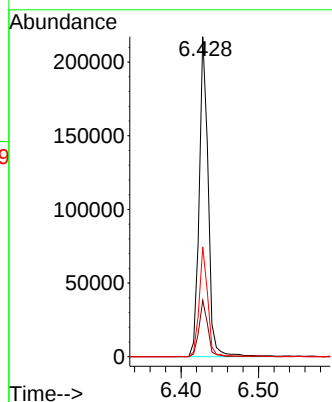
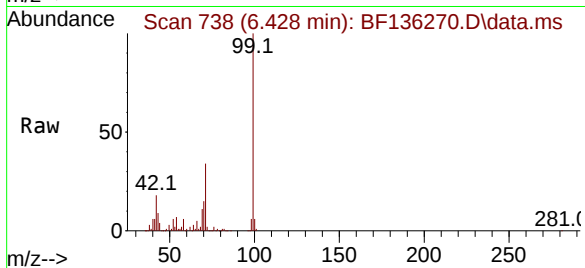
Tgt Ion: 99 Resp: 174618

Ion Ratio Lower Upper

99 100

42 17.6 15.0 22.6

71 34.2 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: BF136270.D

Acq: 29 Nov 2023 02:25

Tgt Ion: 136 Resp: 353476

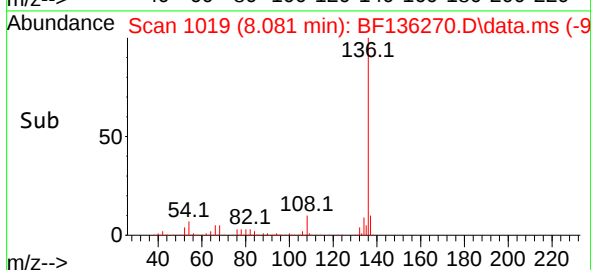
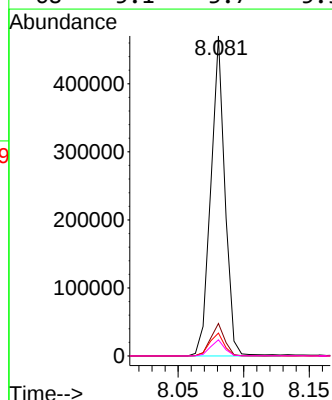
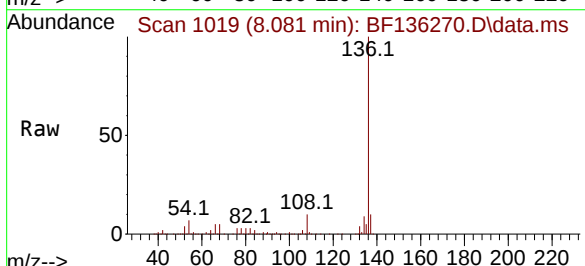
Ion Ratio Lower Upper

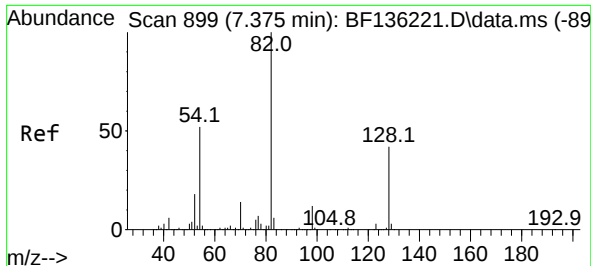
136 100

137 10.2 7.4 11.2

54 7.2 5.5 8.3

68 5.1 3.7 5.5





#23

Nitrobenzene-d5

Concen: 15.062 ng

RT: 7.357 min Scan# 89

Delta R.T. -0.017 min

Lab File: BF136270.D

Acq: 29 Nov 2023 02:25

Instrument :

BNA_F

ClientSampleId :

HD-01-112723

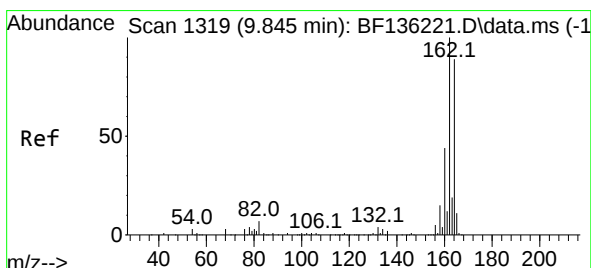
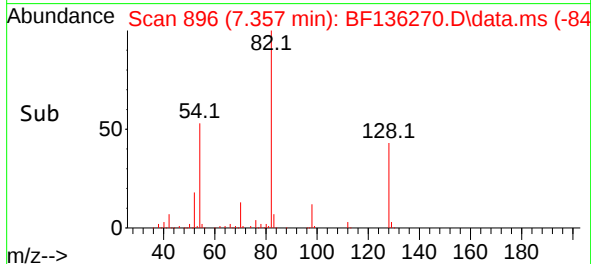
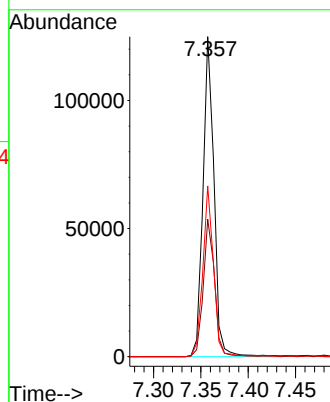
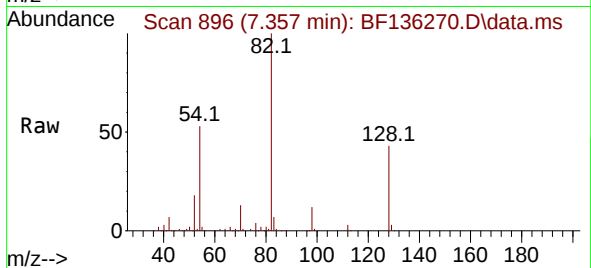
Tgt Ion: 82 Resp: 100750

Ion Ratio Lower Upper

82 100

128 43.0 33.4 50.2

54 53.4 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: BF136270.D

Acq: 29 Nov 2023 02:25

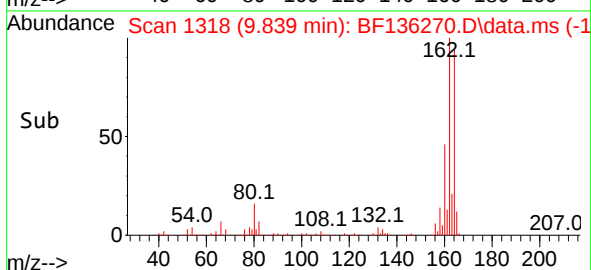
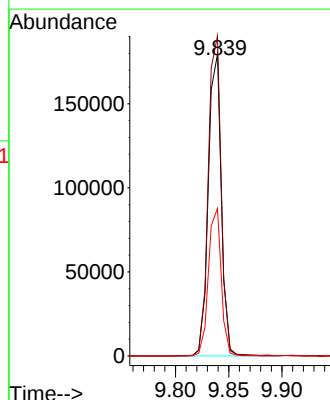
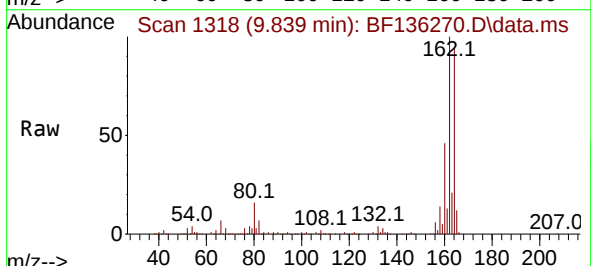
Tgt Ion: 164 Resp: 152209

Ion Ratio Lower Upper

164 100

162 106.1 89.5 134.3

160 48.9 39.6 59.4





#42

2,4,6-Tribromophenol

Concen: 21.728 ng

RT: 10.628 min Scan# 1454

Delta R.T. -0.012 min

Lab File: BF136270.D

Acq: 29 Nov 2023 02:25

Instrument :

BNA_F

ClientSampleId :

HD-01-112723

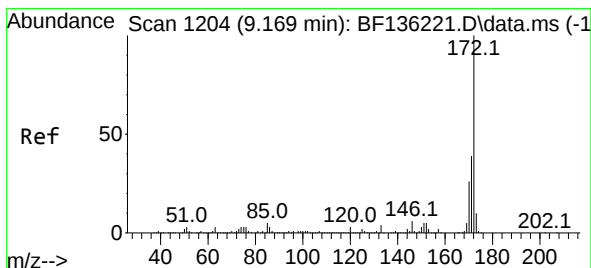
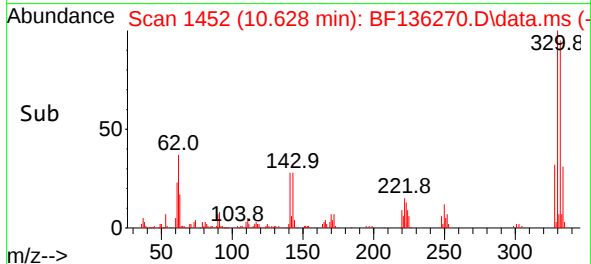
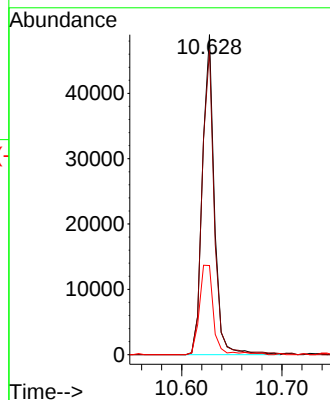
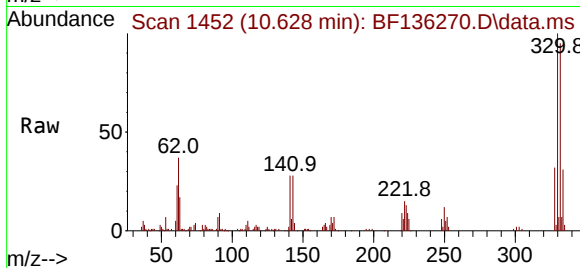
Tgt Ion:330 Resp: 40433

Ion Ratio Lower Upper

330 100

332 97.5 73.0 109.6

141 33.2 24.2 36.2



#45

2-Fluorobiphenyl

Concen: 15.982 ng

RT: 9.157 min Scan# 1202

Delta R.T. -0.012 min

Lab File: BF136270.D

Acq: 29 Nov 2023 02:25

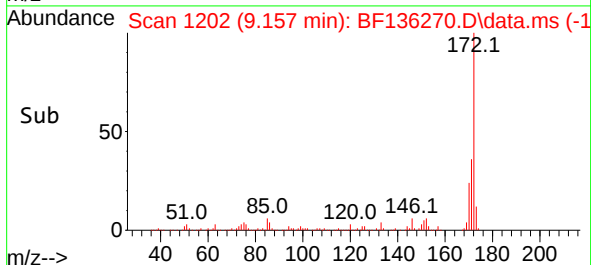
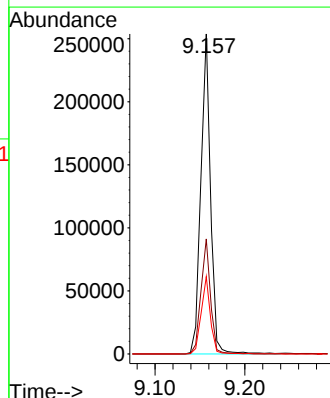
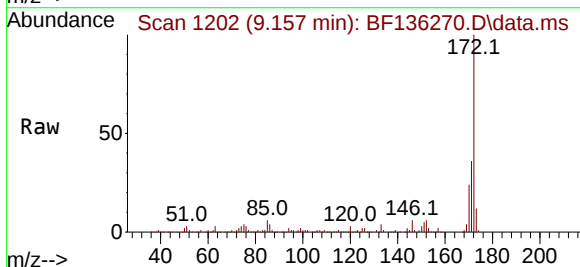
Tgt Ion:172 Resp: 190452

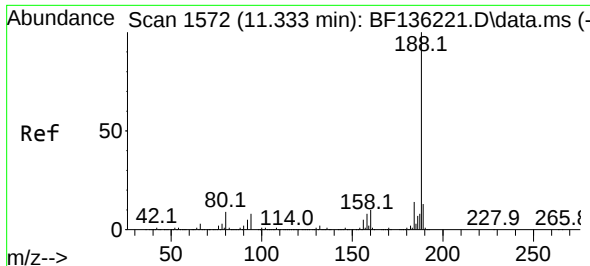
Ion Ratio Lower Upper

172 100

171 36.0 31.5 47.3

170 24.1 20.8 31.2

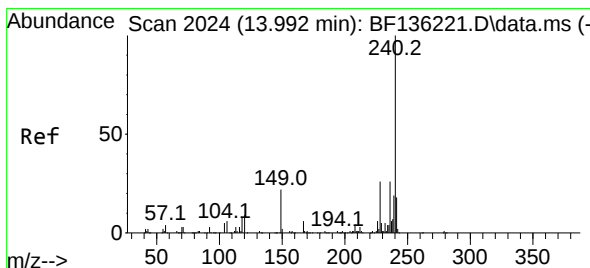
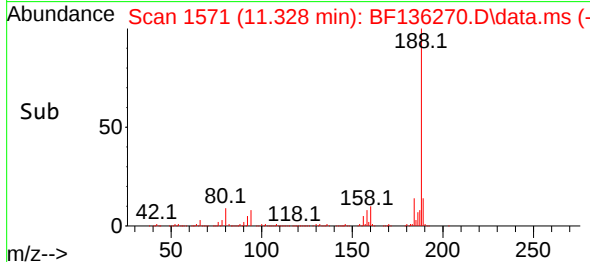
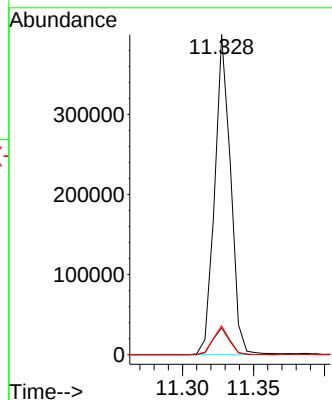
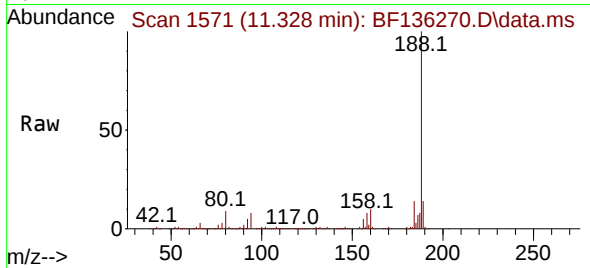




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.328 min Scan# 11
Delta R.T. -0.005 min
Lab File: BF136270.D
Acq: 29 Nov 2023 02:25

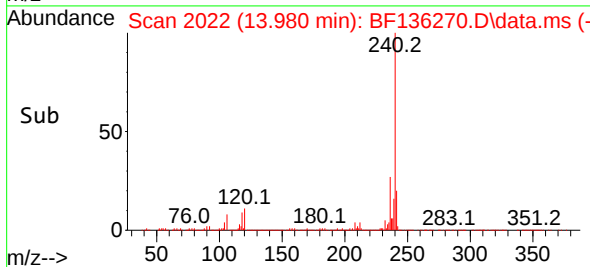
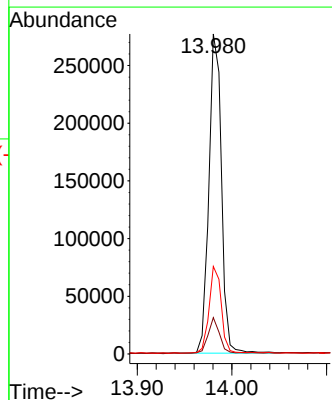
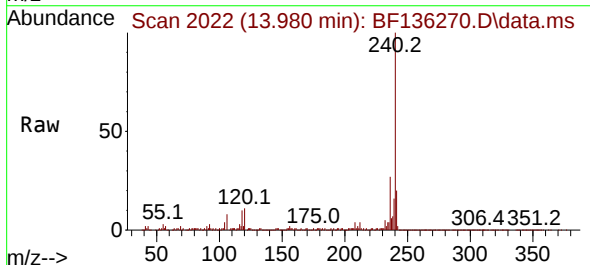
Instrument :
BNA_F
ClientSampleId :
HD-01-112723

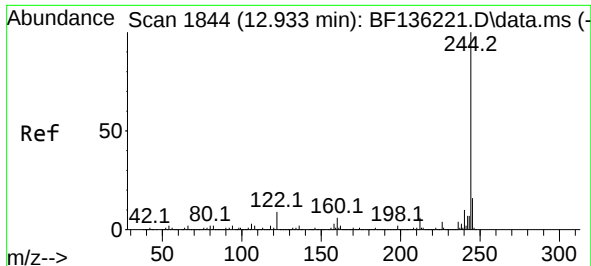
Tgt Ion:188 Resp: 310306
Ion Ratio Lower Upper
188 100
94 8.3 6.7 10.1
80 9.0 7.2 10.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.980 min Scan# 2022
Delta R.T. -0.012 min
Lab File: BF136270.D
Acq: 29 Nov 2023 02:25

Tgt Ion:240 Resp: 253928
Ion Ratio Lower Upper
240 100
120 11.4 7.4 11.2#
236 27.4 21.1 31.7

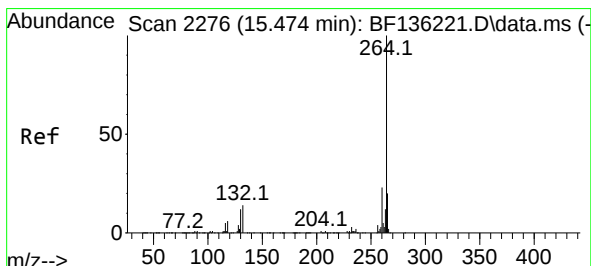
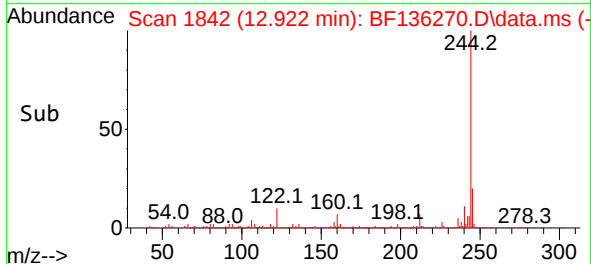
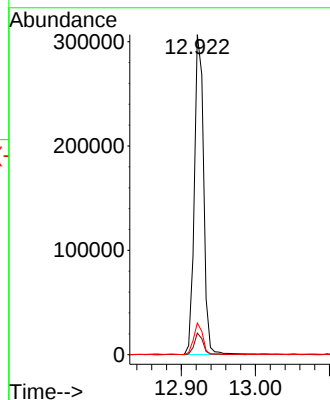
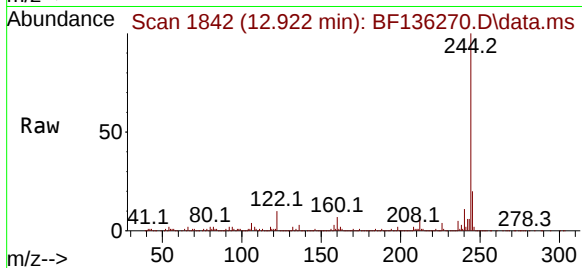




#79
 Terphenyl-d14
 Concen: 12.033 ng
 RT: 12.922 min Scan# 1842
 Delta R.T. -0.012 min
 Lab File: BF136270.D
 Acq: 29 Nov 2023 02:25

Instrument :
 BNA_F
 ClientSampleId :
 HD-01-112723

Tgt Ion:244 Resp: 264897
 Ion Ratio Lower Upper
 244 100
 212 6.7 4.6 7.0
 122 9.9 7.3 10.9



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.468 min Scan# 2275
 Delta R.T. -0.006 min
 Lab File: BF136270.D
 Acq: 29 Nov 2023 02:25

Tgt Ion:264 Resp: 169800
 Ion Ratio Lower Upper
 264 100
 260 24.7 18.6 27.8
 265 21.9 15.7 23.5

