

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120523\
 Data File : BF136399.D
 Acq On : 05 Dec 2023 10:35
 Operator : CG\JU
 Sample : PB157451BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB157451BL

Quant Time: Dec 05 10:57:50 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 04 13:30:53 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.804	152	184432	20.000	ng	0.00
21) Naphthalene-d8	8.081	136	801235	20.000	ng	0.00
39) Acenaphthene-d10	9.839	164	435797	20.000	ng	0.00
64) Phenanthrene-d10	11.333	188	882247	20.000	ng	0.00
76) Chrysene-d12	13.986	240	488846	20.000	ng	0.00
86) Perylene-d12	15.474	264	406428	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.463	112	1588805	119.902	ng	0.02
7) Phenol-d6	6.451	99	1958801	118.225	ng	0.00
23) Nitrobenzene-d5	7.369	82	1226138	80.867	ng	0.00
42) 2,4,6-Tribromophenol	10.639	330	689582	129.426	ng	0.00
45) 2-Fluorobiphenyl	9.163	172	2504724	73.412	ng	0.00
79) Terphenyl-d14	12.939	244	3096716	73.071	ng	0.01

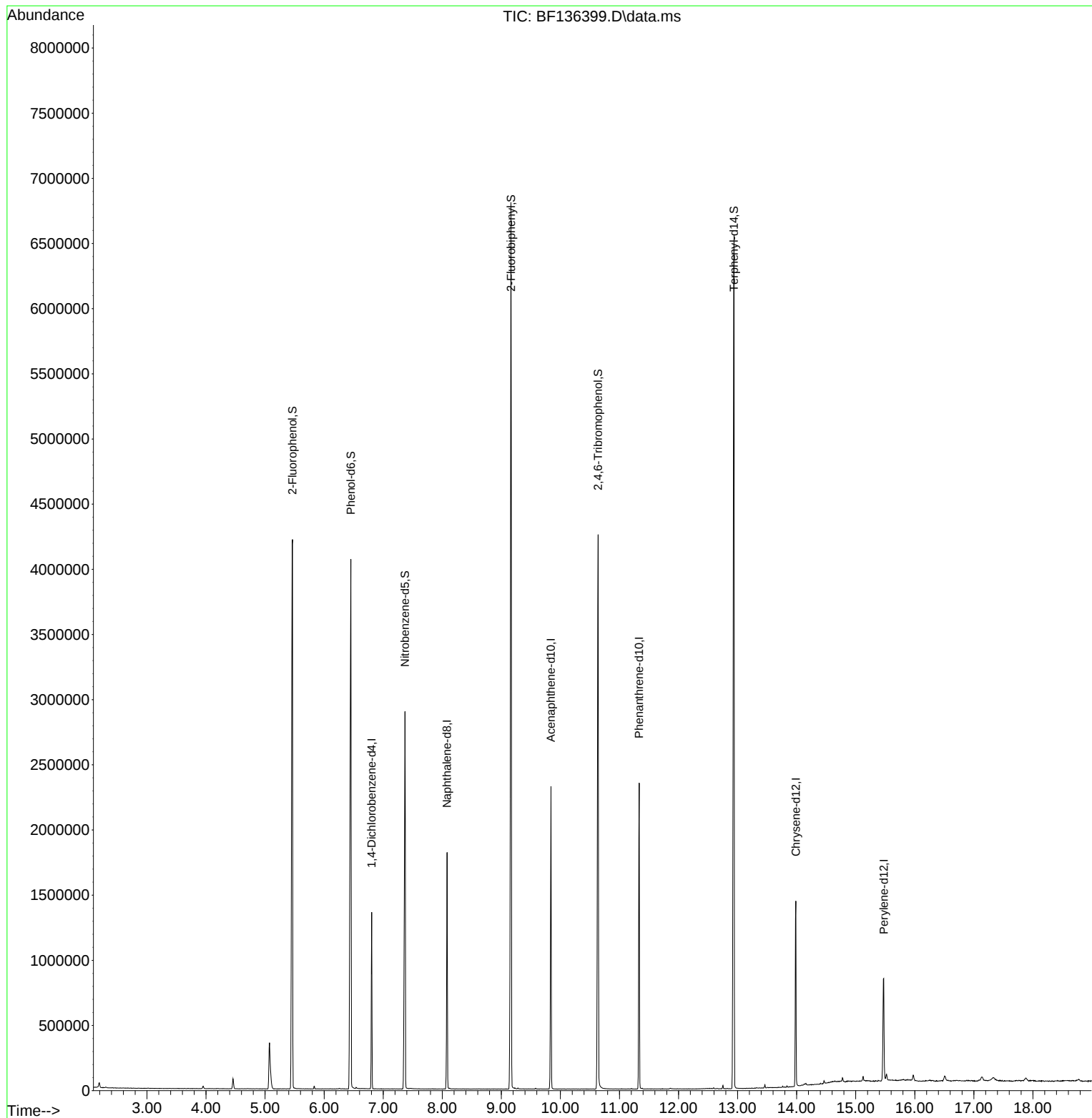
Target Compounds	Qvalue

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120523\
Data File : BF136399.D
Acq On : 05 Dec 2023 10:35
Operator : CG\JU
Sample : PB157451BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB157451BL

Quant Time: Dec 05 10:57:50 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 04 13:30:53 2023
Response via : Initial Calibration

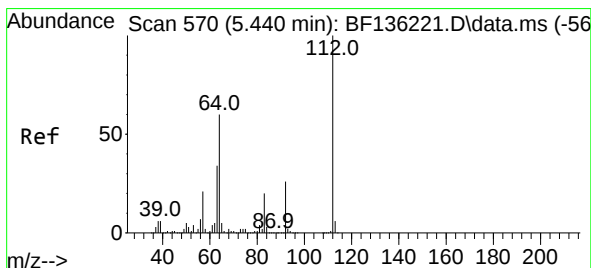
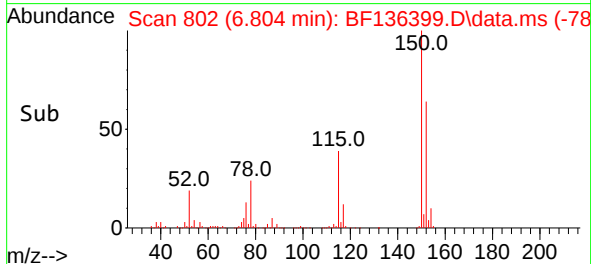
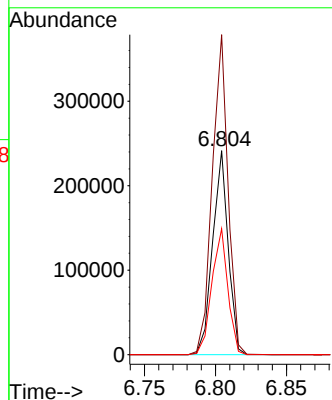
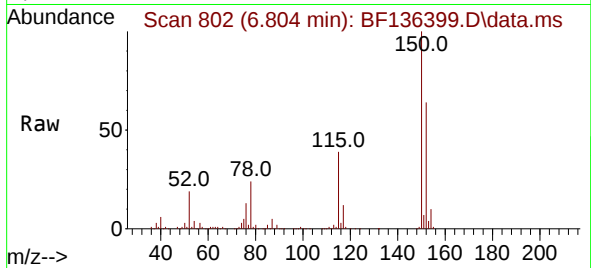




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.804 min Scan# 803
Delta R.T. 0.000 min
Lab File: BF136399.D
Acq: 05 Dec 2023 10:35

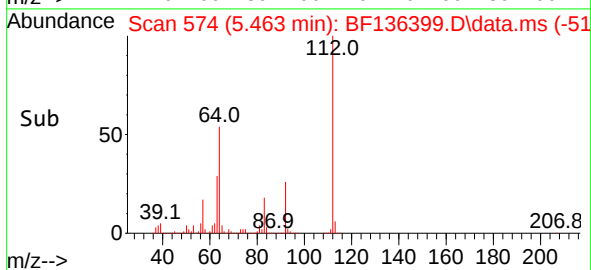
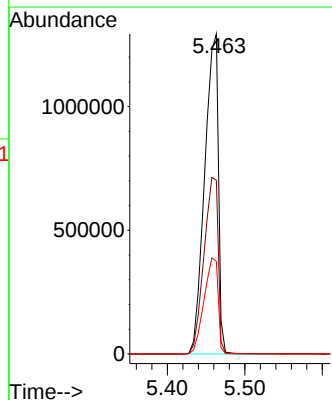
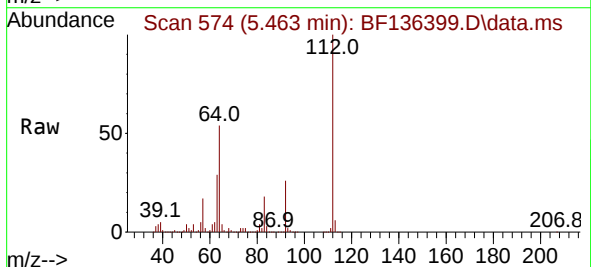
Instrument :
BNA_F
ClientSampleId :
PB157451BL

Tgt Ion:152 Resp: 184432
Ion Ratio Lower Upper
152 100
150 156.9 137.8 206.8
115 61.8 52.7 79.1



#5
2-Fluorophenol
Concen: 119.902 ng
RT: 5.463 min Scan# 574
Delta R.T. 0.024 min
Lab File: BF136399.D
Acq: 05 Dec 2023 10:35

Tgt Ion:112 Resp: 1588805
Ion Ratio Lower Upper
112 100
64 54.3 48.2 72.4
63 29.0 27.0 40.6

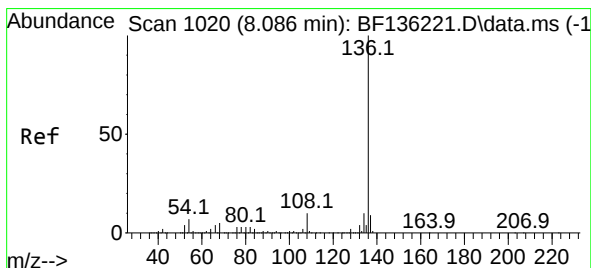
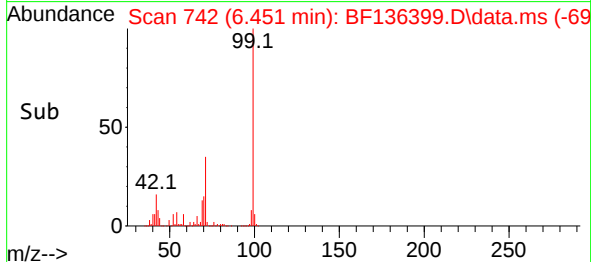
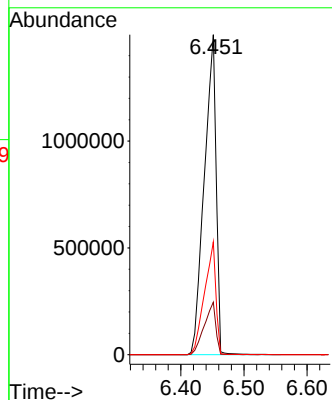
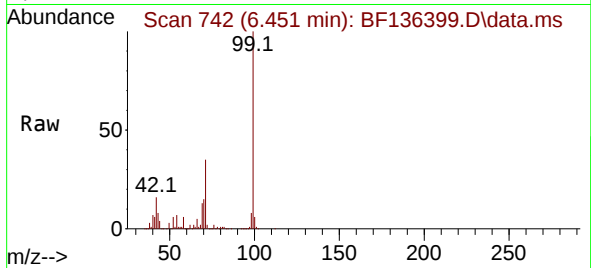




#7
Phenol-d6
Concen: 118.225 ng
RT: 6.451 min Scan# 741
Delta R.T. 0.006 min
Lab File: BF136399.D
Acq: 05 Dec 2023 10:35

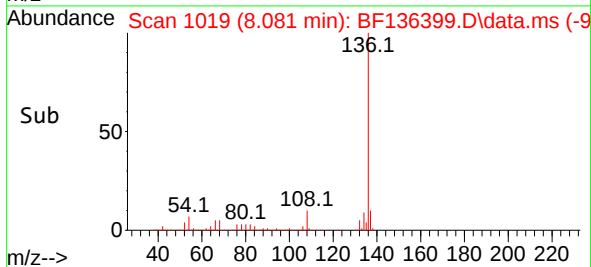
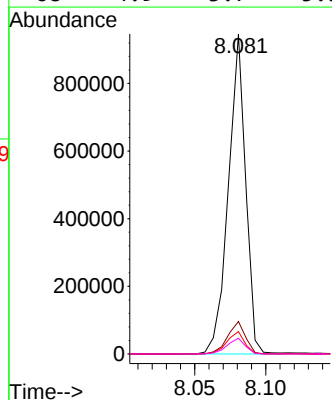
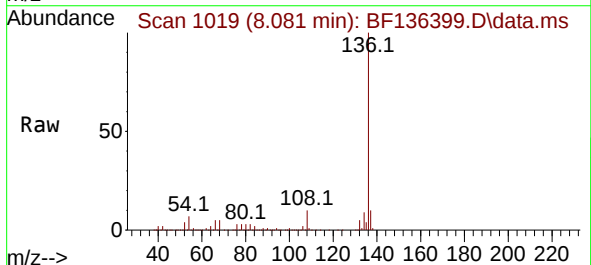
Instrument :
BNA_F
ClientSampleId :
PB157451BL

Tgt Ion: 99 Resp: 1958801
Ion Ratio Lower Upper
99 100
42 16.4 15.0 22.6
71 35.3 28.9 43.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.081 min Scan# 1019
Delta R.T. 0.000 min
Lab File: BF136399.D
Acq: 05 Dec 2023 10:35

Tgt Ion: 136 Resp: 801235
Ion Ratio Lower Upper
136 100
137 10.1 7.4 11.2
54 7.0 5.5 8.3
68 4.9 3.7 5.5





#23

Nitrobenzene-d5

Concen: 80.867 ng

RT: 7.369 min Scan# 89

Delta R.T. 0.000 min

Lab File: BF136399.D

Acq: 05 Dec 2023 10:35

Instrument :

BNA_F

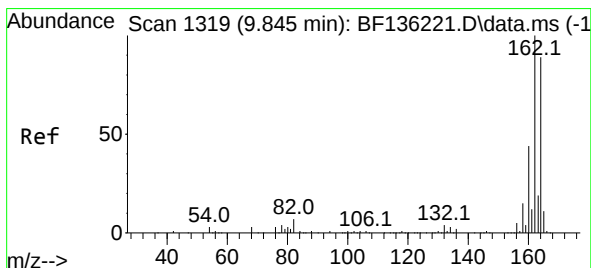
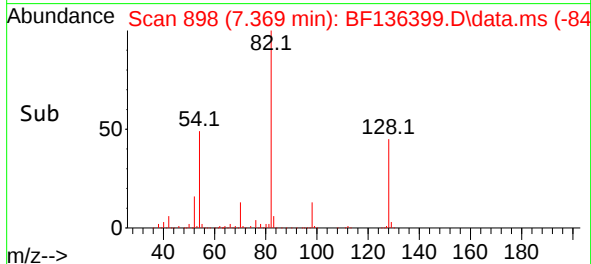
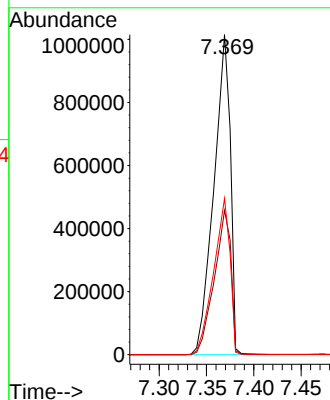
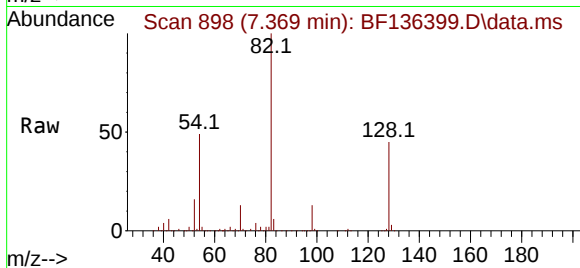
ClientSampleId :

PB157451BL

Tgt Ion: 82 Resp: 1226138

Ion Ratio Lower Upper

82	100		
128	45.1	33.4	50.2
54	48.8	41.7	62.5



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.839 min Scan# 1318

Delta R.T. 0.000 min

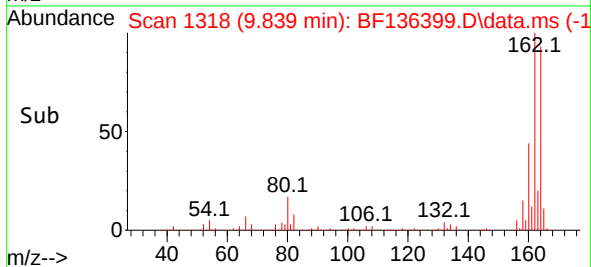
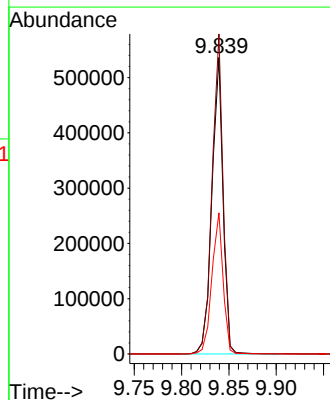
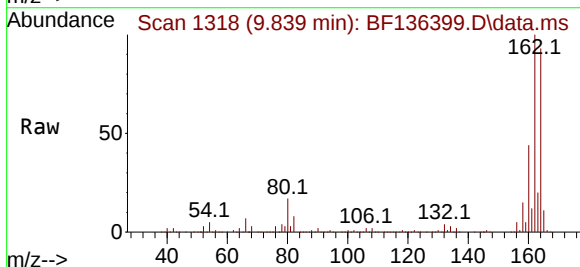
Lab File: BF136399.D

Acq: 05 Dec 2023 10:35

Tgt Ion:164 Resp: 435797

Ion Ratio Lower Upper

164	100		
162	107.9	89.5	134.3
160	47.6	39.6	59.4





#42

2,4,6-Tribromophenol

Concen: 129.426 ng

RT: 10.639 min Scan# 1454

Delta R.T. 0.006 min

Lab File: BF136399.D

Acq: 05 Dec 2023 10:35

Instrument :

BNA_F

ClientSampleId :

PB157451BL

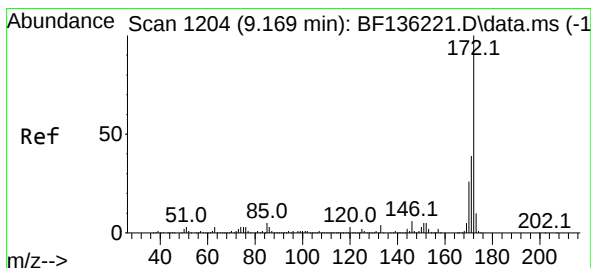
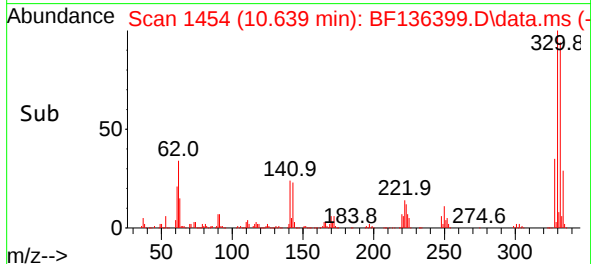
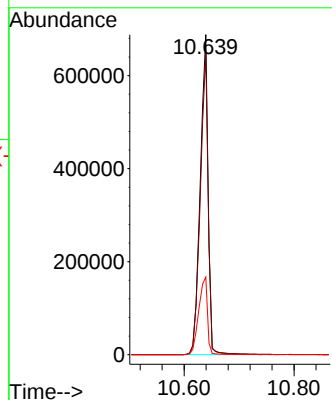
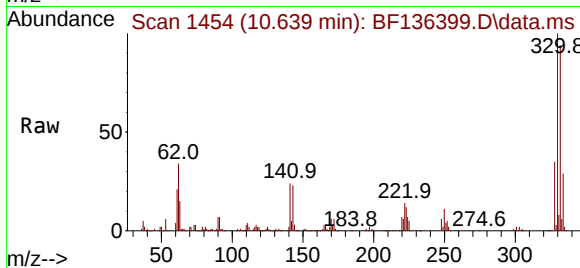
Tgt Ion:330 Resp: 689582

Ion Ratio Lower Upper

330 100

332 94.2 73.0 109.6

141 26.8 24.2 36.2



#45

2-Fluorobiphenyl

Concen: 73.412 ng

RT: 9.163 min Scan# 1203

Delta R.T. 0.000 min

Lab File: BF136399.D

Acq: 05 Dec 2023 10:35

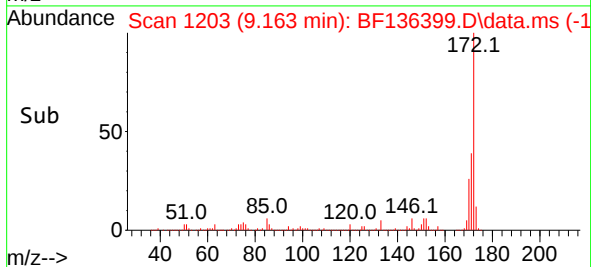
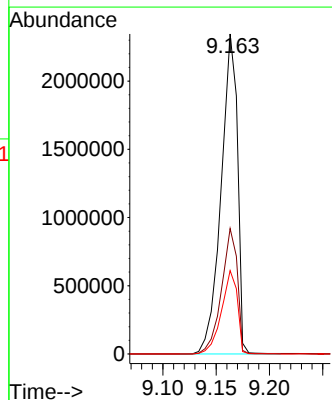
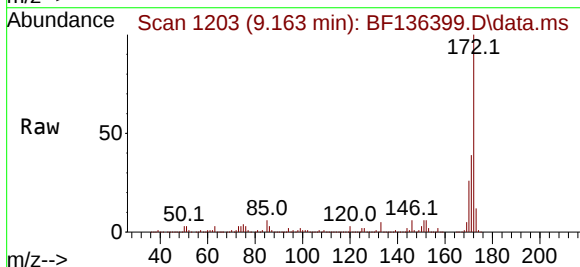
Tgt Ion:172 Resp: 2504724

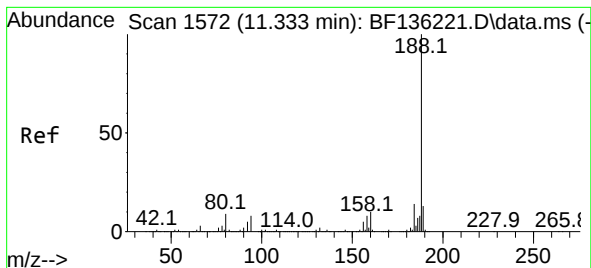
Ion Ratio Lower Upper

172 100

171 39.2 31.5 47.3

170 26.1 20.8 31.2





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.333 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF136399.D

Acq: 05 Dec 2023 10:35

Instrument :

BNA_F

ClientSampleId :

PB157451BL

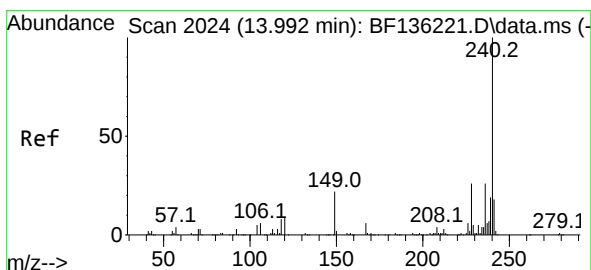
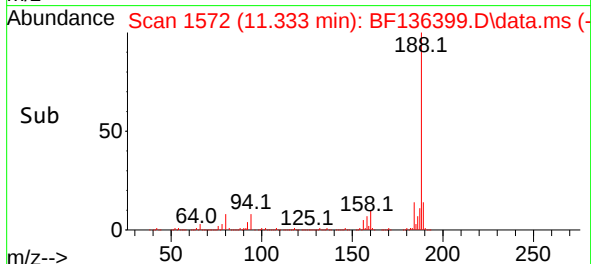
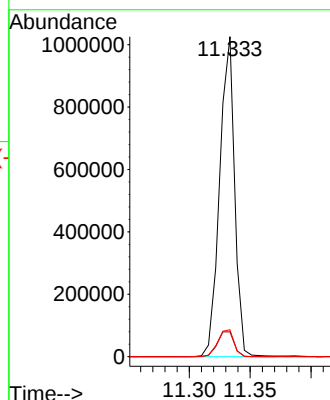
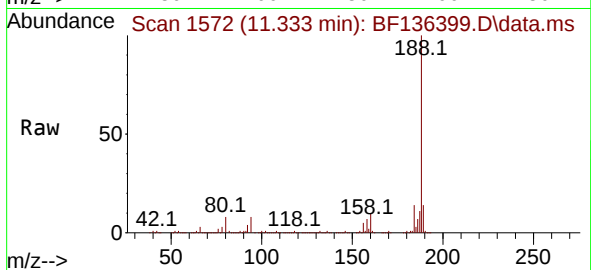
Tgt Ion:188 Resp: 882247

Ion Ratio Lower Upper

188 100

94 7.8 6.7 10.1

80 8.4 7.2 10.8



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.986 min Scan# 2023

Delta R.T. 0.006 min

Lab File: BF136399.D

Acq: 05 Dec 2023 10:35

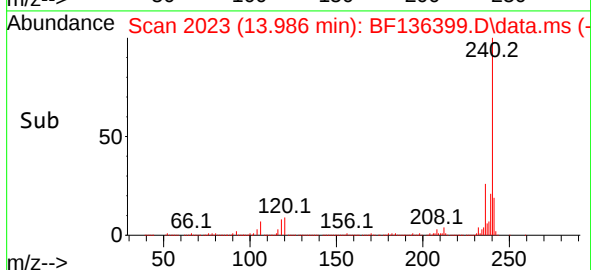
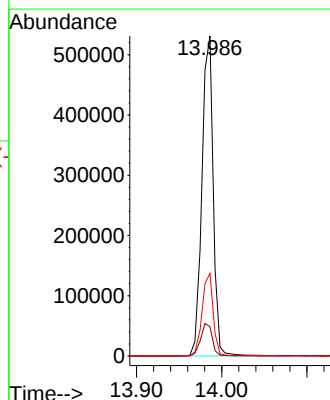
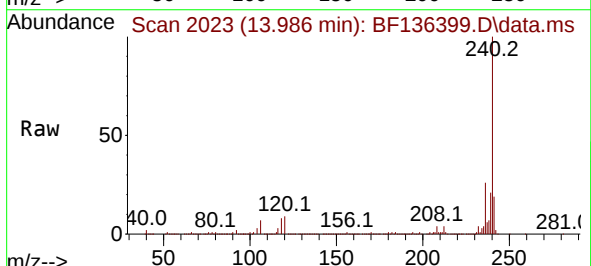
Tgt Ion:240 Resp: 488846

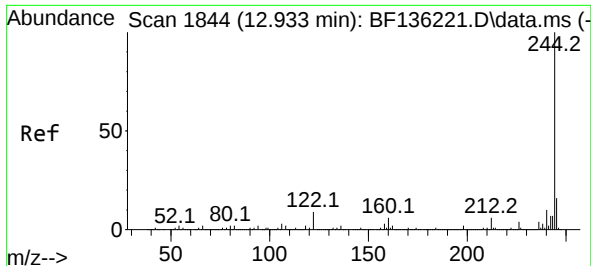
Ion Ratio Lower Upper

240 100

120 9.1 7.4 11.2

236 25.8 21.1 31.7

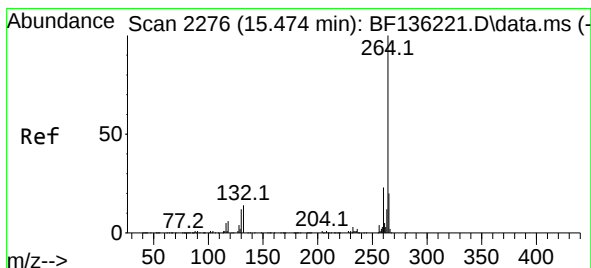
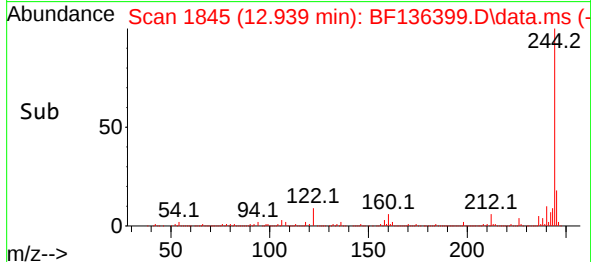
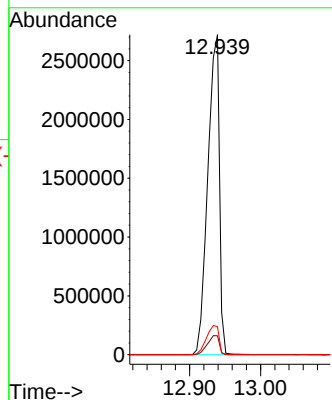
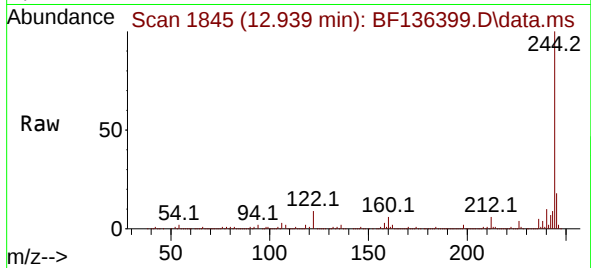




#79
 Terphenyl-d14
 Concen: 73.071 ng
 RT: 12.939 min Scan# 1844
 Delta R.T. 0.012 min
 Lab File: BF136399.D
 Acq: 05 Dec 2023 10:35

Instrument :
 BNA_F
 ClientSampleId :
 PB157451BL

Tgt Ion:244 Resp: 3096716
 Ion Ratio Lower Upper
 244 100
 212 5.9 4.6 7.0
 122 8.8 7.3 10.9



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.474 min Scan# 2276
 Delta R.T. 0.018 min
 Lab File: BF136399.D
 Acq: 05 Dec 2023 10:35

Tgt Ion:264 Resp: 406428
 Ion Ratio Lower Upper
 264 100
 260 24.0 18.6 27.8
 265 21.2 15.7 23.5

