

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112423\
 Data File : BF136183.D
 Acq On : 24 Nov 2023 17:05
 Operator : CG\JU
 Sample : 05293-02
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-2

Quant Time: Nov 24 23:07:31 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 24 23:00:16 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.804	152	117173	20.000	ng	0.00
21) Naphthalene-d8	8.081	136	510924	20.000	ng	0.00
39) Acenaphthene-d10	9.839	164	257294	20.000	ng	0.00
64) Phenanthrene-d10	11.333	188	492670	20.000	ng	0.00
76) Chrysene-d12	13.980	240	261370	20.000	ng	0.00
86) Perylene-d12	15.463	264	242184	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.446	112	935957	127.185	ng	0.01
7) Phenol-d6	6.440	99	1170984	129.313	ng	0.00
23) Nitrobenzene-d5	7.369	82	709043	77.442	ng	0.00
42) 2,4,6-Tribromophenol	10.633	330	345227	128.111	ng	0.00
45) 2-Fluorobiphenyl	9.163	172	1538885	88.411	ng	0.00
79) Terphenyl-d14	12.933	244	1648748	89.542	ng	0.00

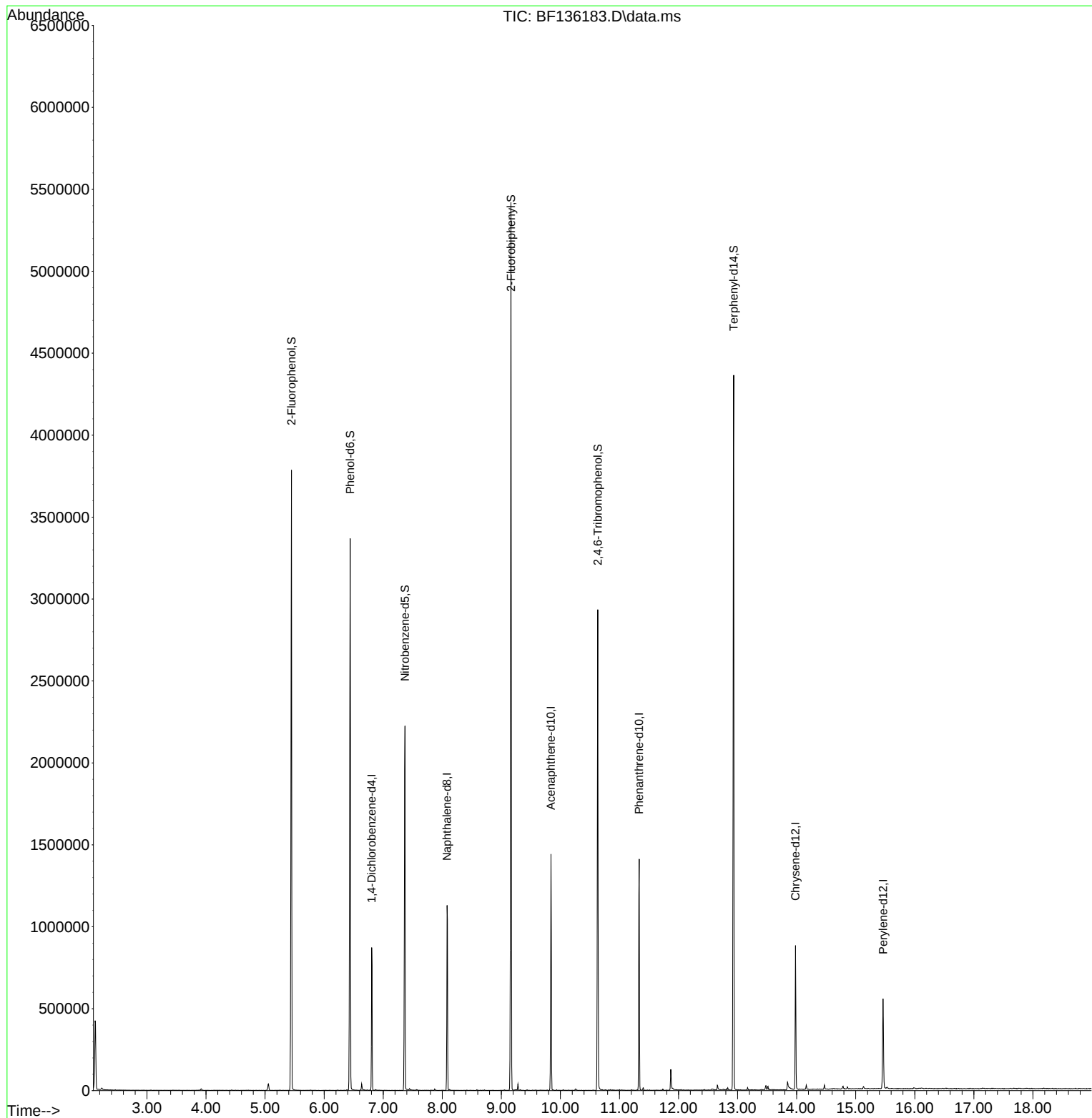
Target Compounds	Qvalue

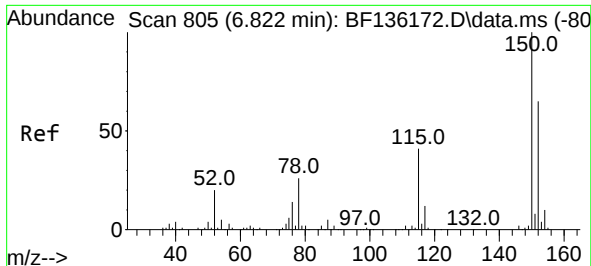
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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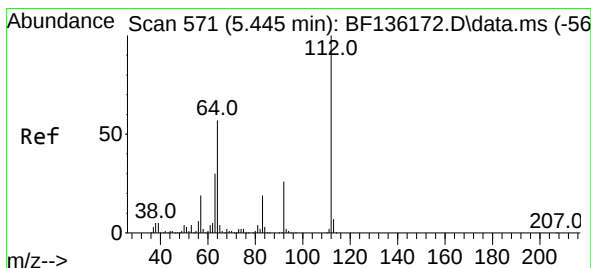
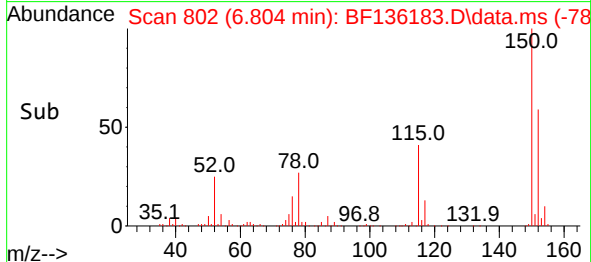
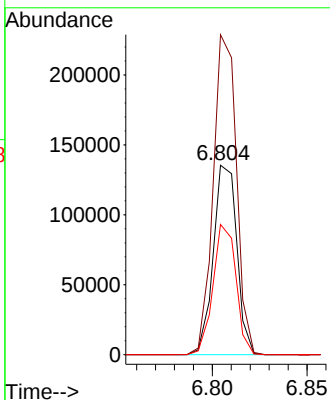
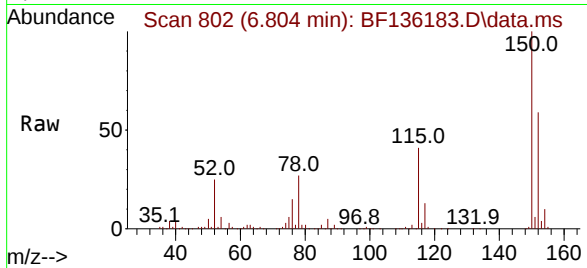




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.804 min Scan# 805
Delta R.T. -0.006 min
Lab File: BF136183.D
Acq: 24 Nov 2023 17:05

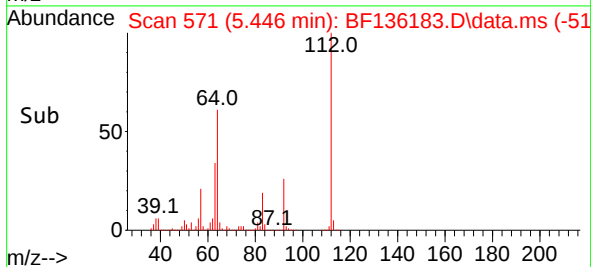
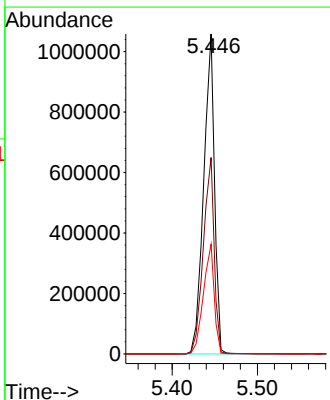
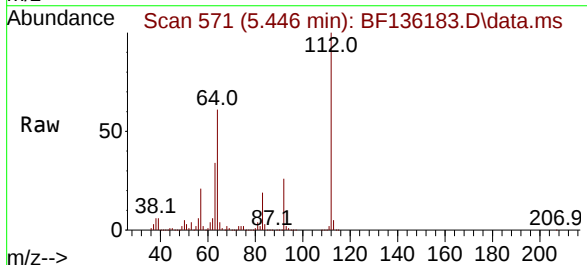
Instrument :
BNA_F
ClientSampleId :
SB-2

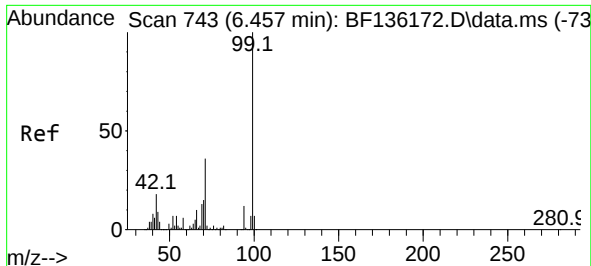
Tgt Ion:152 Resp: 117173
Ion Ratio Lower Upper
152 100
150 169.0 123.1 184.7
115 68.8 50.5 75.7



#5
2-Fluorophenol
Concen: 127.185 ng
RT: 5.446 min Scan# 571
Delta R.T. 0.012 min
Lab File: BF136183.D
Acq: 24 Nov 2023 17:05

Tgt Ion:112 Resp: 935957
Ion Ratio Lower Upper
112 100
64 61.4 45.4 68.0
63 34.3 24.4 36.6

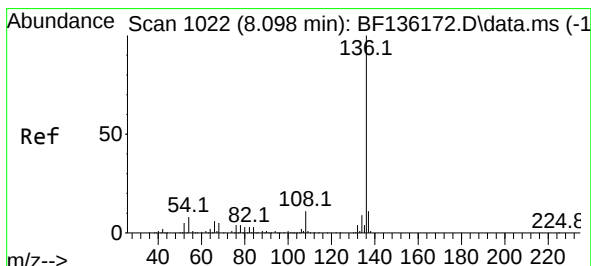
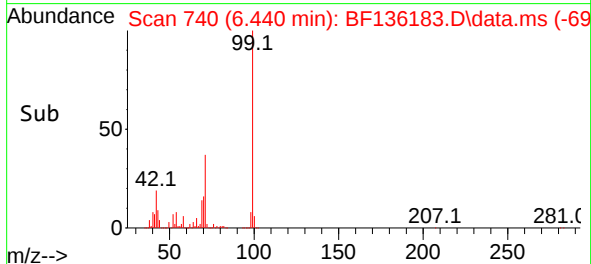
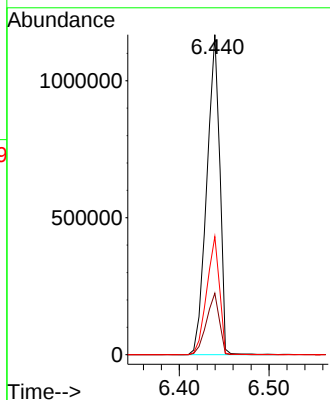
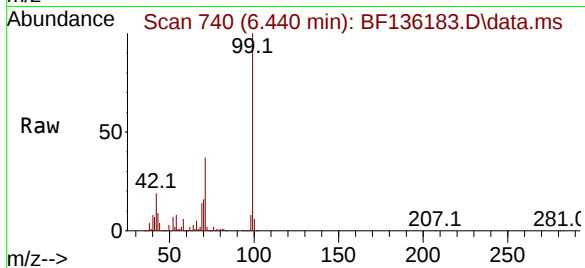




#7
Phenol-d6
Concen: 129.313 ng
RT: 6.440 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF136183.D
Acq: 24 Nov 2023 17:05

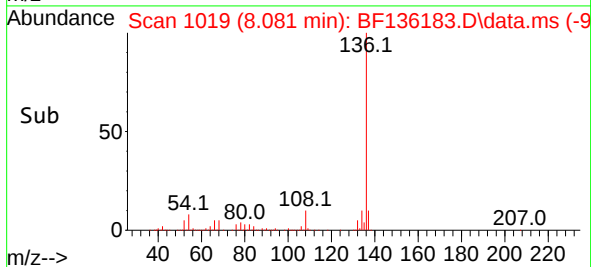
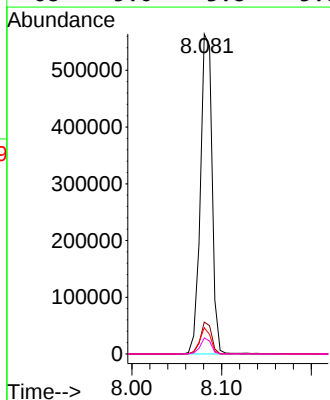
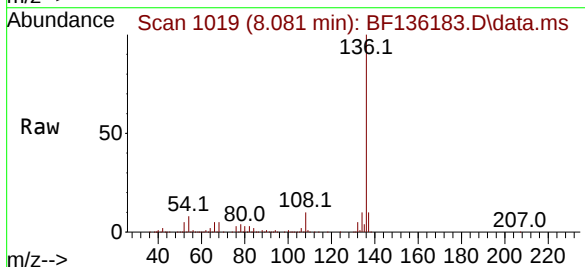
Instrument :
BNA_F
ClientSampleId :
SB-2

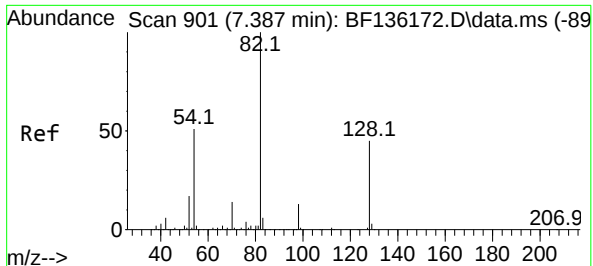
Tgt Ion: 99 Resp: 1170984
Ion Ratio Lower Upper
99 100
42 19.2 14.1 21.1
71 36.9 29.0 43.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.081 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BF136183.D
Acq: 24 Nov 2023 17:05

Tgt Ion: 136 Resp: 510924
Ion Ratio Lower Upper
136 100
137 10.0 8.6 13.0
54 8.2 6.3 9.5
68 5.0 3.8 5.8





#23

Nitrobenzene-d5

Concen: 77.442 ng

RT: 7.369 min Scan# 89

Delta R.T. -0.006 min

Lab File: BF136183.D

Acq: 24 Nov 2023 17:05

Instrument :

BNA_F

ClientSampleId :

SB-2

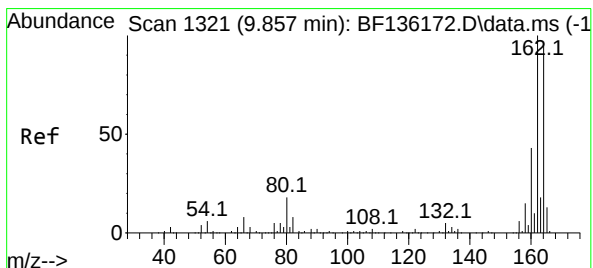
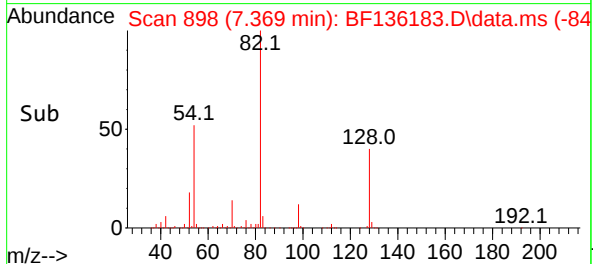
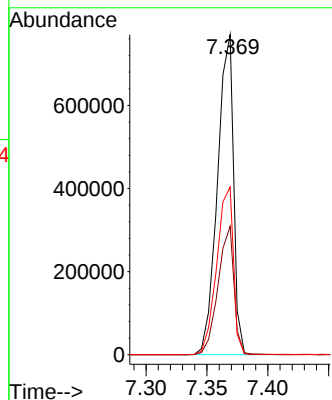
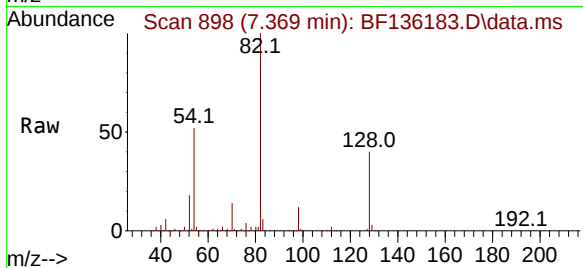
Tgt Ion: 82 Resp: 709043

Ion Ratio Lower Upper

82 100

128 40.1 35.8 53.6

54 52.4 40.6 60.8



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.839 min Scan# 1318

Delta R.T. -0.006 min

Lab File: BF136183.D

Acq: 24 Nov 2023 17:05

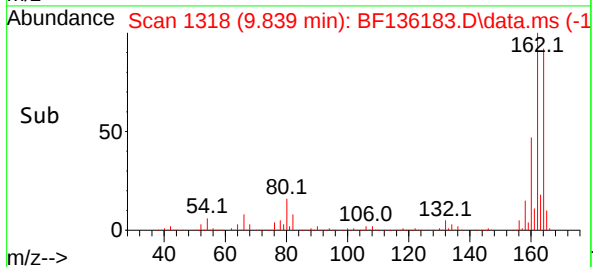
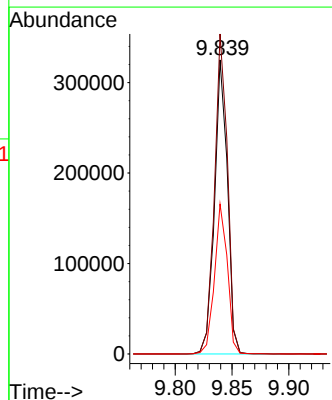
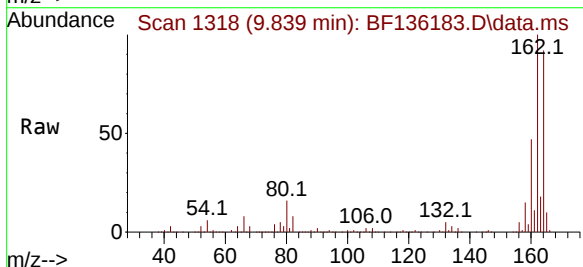
Tgt Ion: 164 Resp: 257294

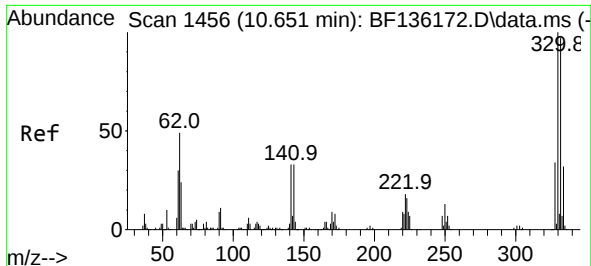
Ion Ratio Lower Upper

164 100

162 108.8 83.2 124.8

160 51.0 35.8 53.8





#42

2,4,6-Tribromophenol

Concen: 128.111 ng

RT: 10.633 min Scan# 1456

Delta R.T. -0.006 min

Lab File: BF136183.D

Acq: 24 Nov 2023 17:05

Instrument :

BNA_F

ClientSampleId :

SB-2

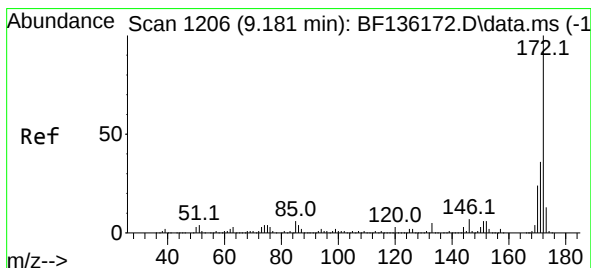
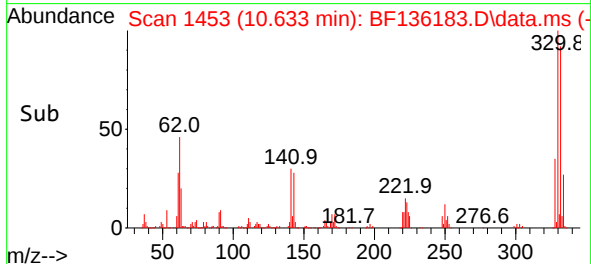
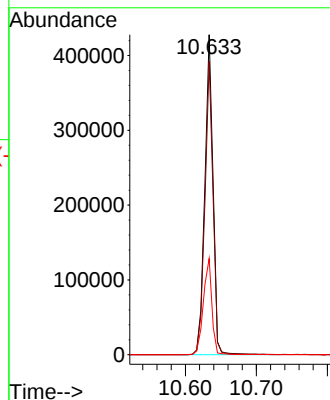
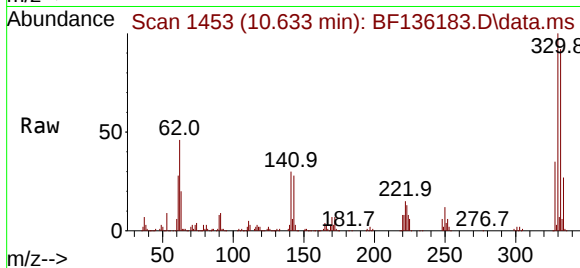
Tgt Ion:330 Resp: 345227

Ion Ratio Lower Upper

330 100

332 90.8 77.6 116.4

141 31.2 25.8 38.6



#45

2-Fluorobiphenyl

Concen: 88.411 ng

RT: 9.163 min Scan# 1203

Delta R.T. -0.006 min

Lab File: BF136183.D

Acq: 24 Nov 2023 17:05

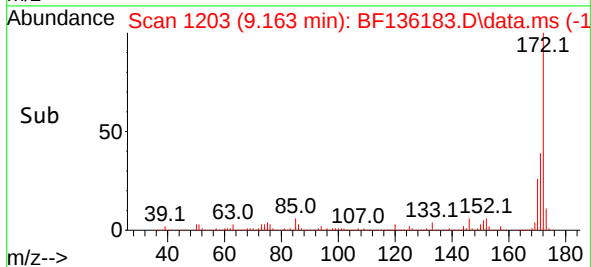
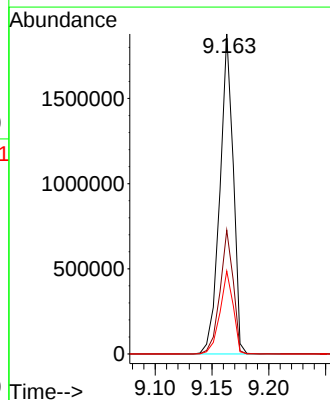
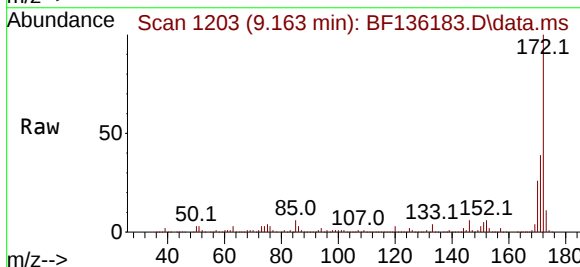
Tgt Ion:172 Resp: 1538885

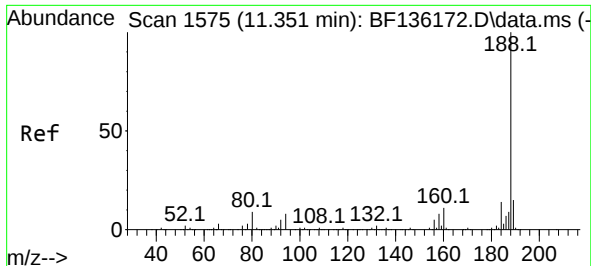
Ion Ratio Lower Upper

172 100

171 38.7 28.9 43.3

170 25.9 19.1 28.7

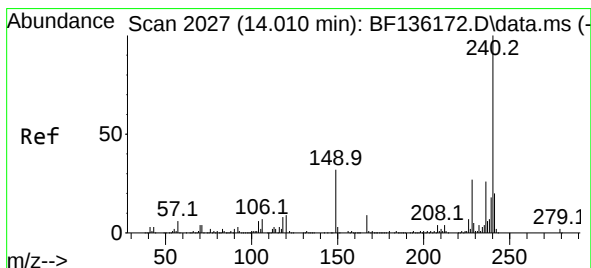
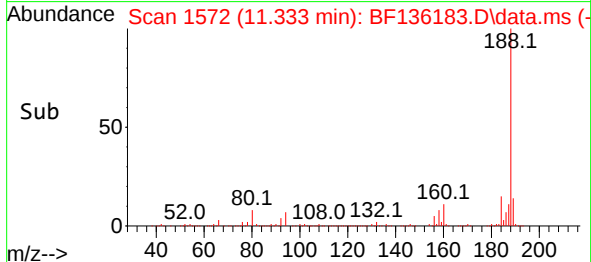
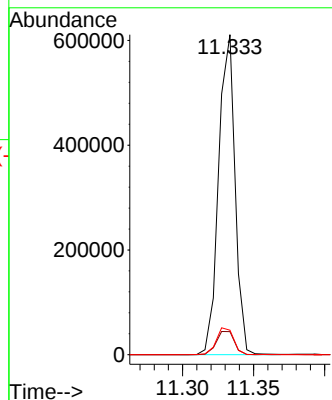
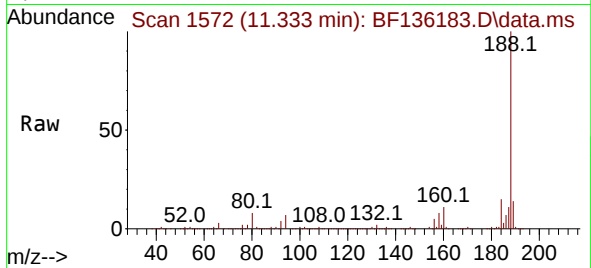




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.333 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF136183.D
Acq: 24 Nov 2023 17:05

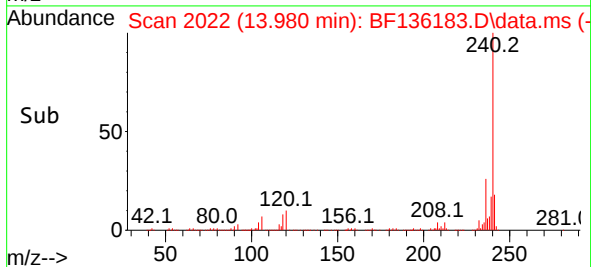
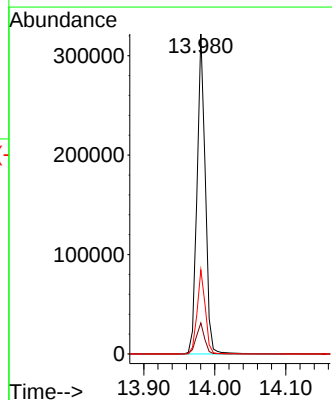
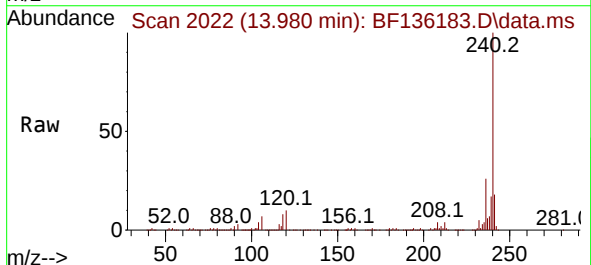
Instrument :
BNA_F
ClientSampleId :
SB-2

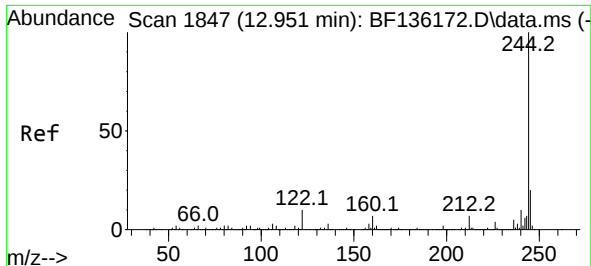
Tgt Ion:188 Resp: 492670
Ion Ratio Lower Upper
188 100
94 7.2 6.6 9.8
80 7.6 7.3 10.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.980 min Scan# 2022
Delta R.T. -0.006 min
Lab File: BF136183.D
Acq: 24 Nov 2023 17:05

Tgt Ion:240 Resp: 261370
Ion Ratio Lower Upper
240 100
120 9.7 7.1 10.7
236 26.3 20.9 31.3

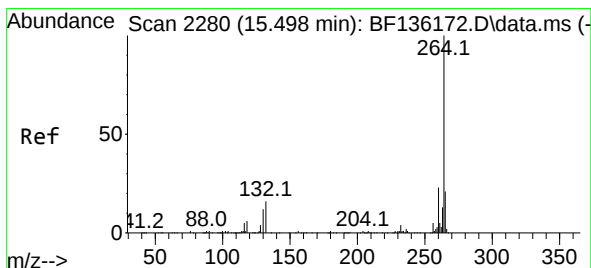
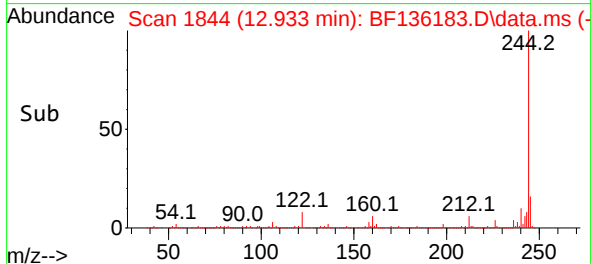
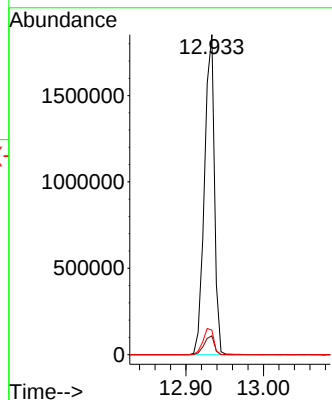
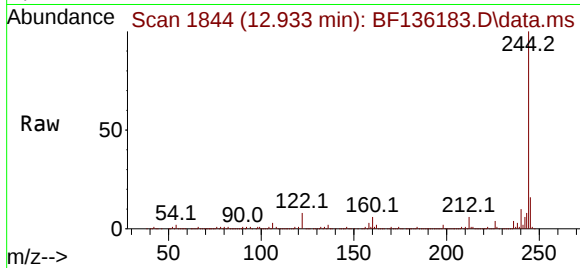




#79
 Terphenyl-d14
 Concen: 89.542 ng
 RT: 12.933 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BF136183.D
 Acq: 24 Nov 2023 17:05

Instrument :
 BNA_F
 ClientSampleId :
 SB-2

Tgt Ion:244 Resp: 1648748
 Ion Ratio Lower Upper
 244 100
 212 5.9 5.4 8.0
 122 7.7 8.1 12.1#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.463 min Scan# 2274
 Delta R.T. -0.006 min
 Lab File: BF136183.D
 Acq: 24 Nov 2023 17:05

Tgt Ion:264 Resp: 242184
 Ion Ratio Lower Upper
 264 100
 260 24.5 18.5 27.7
 265 20.6 16.9 25.3

