

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010224\
 Data File : BF136885.D
 Acq On : 02 Jan 2024 22:30
 Operator : CG\JU
 Sample : 05975-09RE
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RT-GWDUP01-122023RE

Quant Time: Jan 03 02:05:44 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 21 01:54:25 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	94309	20.000	ng	-0.01
21) Naphthalene-d8	8.057	136	360101	20.000	ng	-0.01
39) Acenaphthene-d10	9.810	164	109748	20.000	ng	-0.02
64) Phenanthrene-d10	11.304	188	316017	20.000	ng	-0.01
76) Chrysene-d12	13.957	240	144145	20.000	ng	-0.01
86) Perylene-d12	15.439	264	23017	20.000	ng	# 0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.463	112	5417	0.896	ng	0.04
7) Phenol-d6	6.439	99	45086	5.757	ng	0.00
23) Nitrobenzene-d5	7.339	82	307952	43.761	ng	-0.02
42) 2,4,6-Tribromophenol	10.610	330	1287	0.996	ng	-0.01
45) 2-Fluorobiphenyl	9.133	172	594057	72.803	ng	-0.02
79) Terphenyl-d14	12.904	244	586226	56.834	ng	-0.01

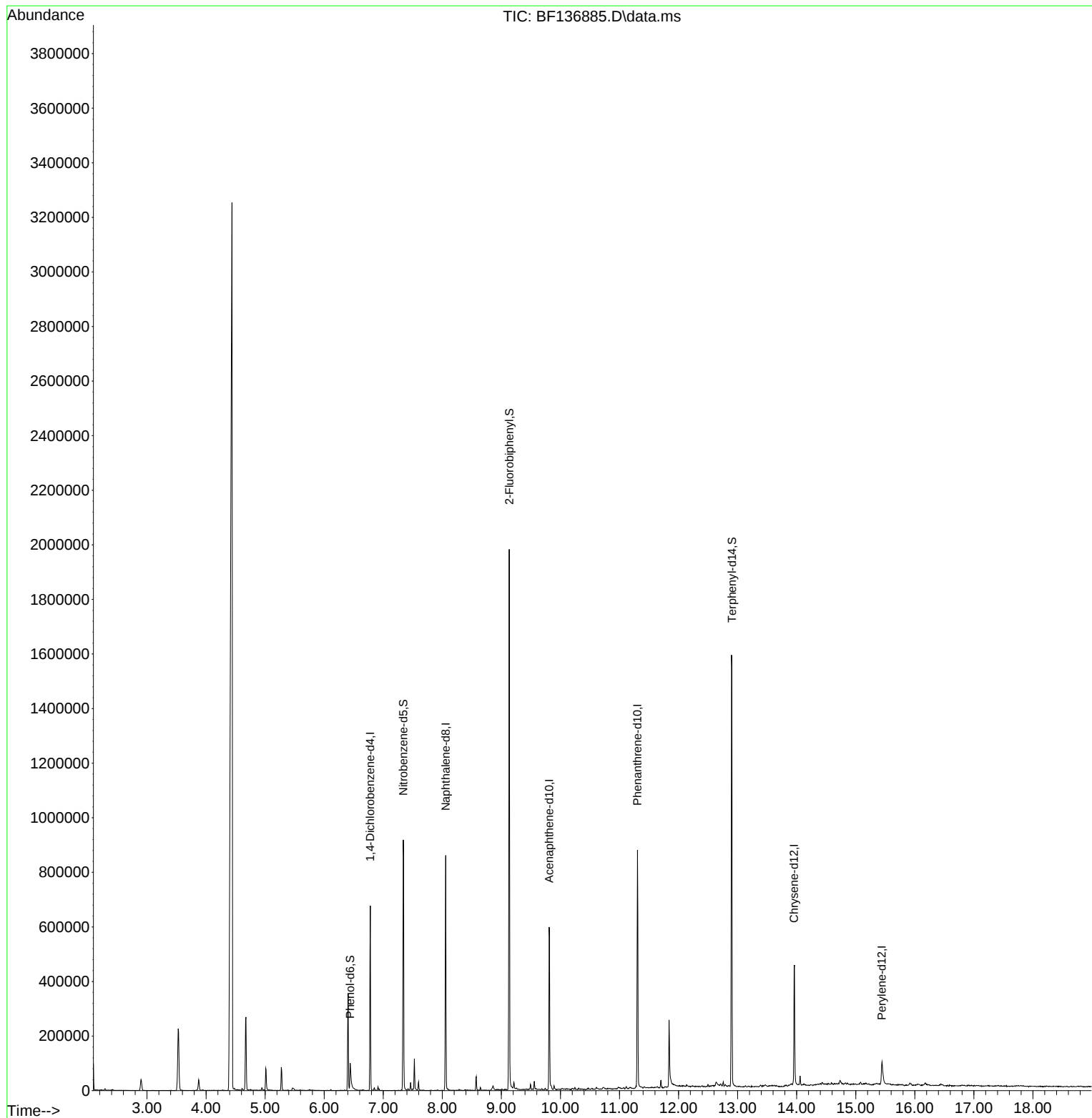
Target Compounds	Qvalue

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

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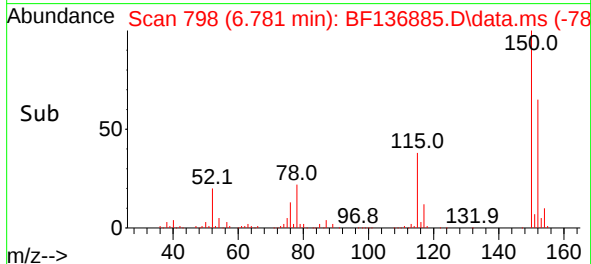
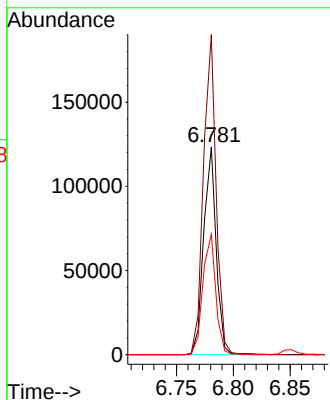
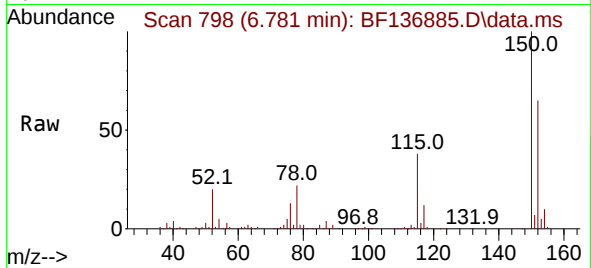




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.781 min Scan# 79
Delta R.T. -0.011 min
Lab File: BF136885.D
Acq: 02 Jan 2024 22:30

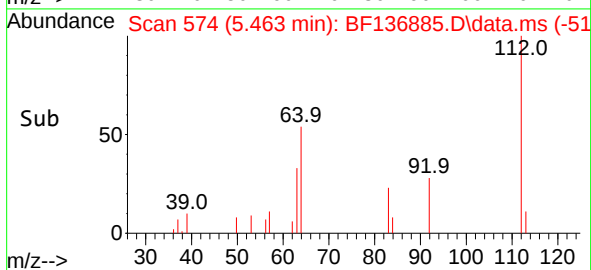
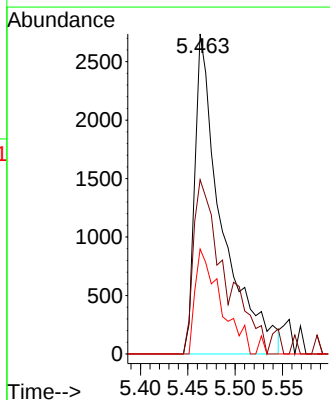
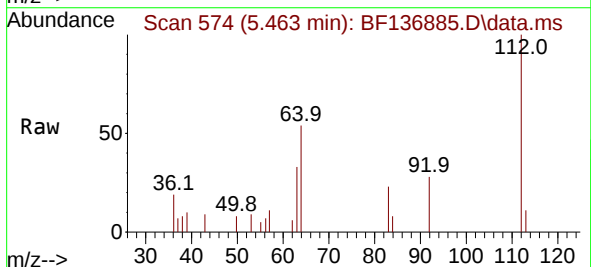
Instrument :
BNA_F
ClientSampleId :
RT-GWDUP01-122023RE

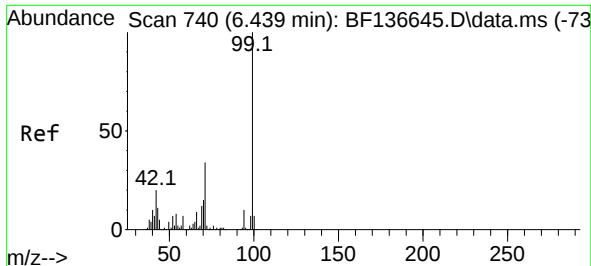
Tgt Ion:152 Resp: 94309
Ion Ratio Lower Upper
152 100
150 154.2 127.0 190.6
115 58.0 49.0 73.4



#5
2-Fluorophenol
Concen: 0.896 ng
RT: 5.463 min Scan# 574
Delta R.T. 0.035 min
Lab File: BF136885.D
Acq: 02 Jan 2024 22:30

Tgt Ion:112 Resp: 5417
Ion Ratio Lower Upper
112 100
64 54.4 51.1 76.7
63 32.8 26.1 39.1





#7

Phenol-d6

Concen: 5.757 ng

RT: 6.439 min Scan# 740

Delta R.T. 0.000 min

Lab File: BF136885.D

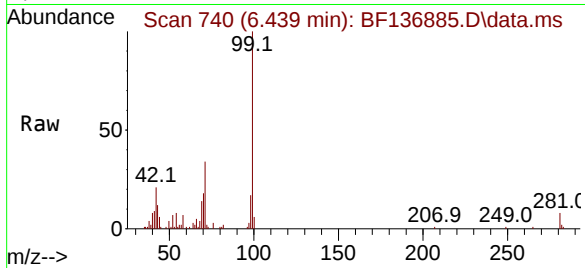
Acq: 02 Jan 2024 22:30

Instrument :

BNA_F

ClientSampleId :

RT-GWDUP01-122023RE



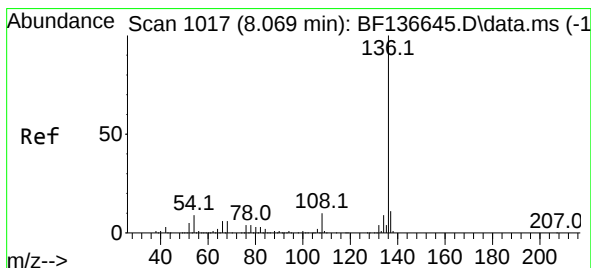
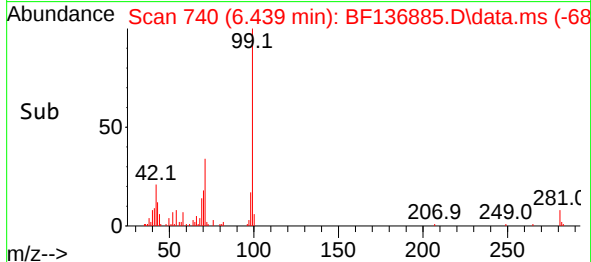
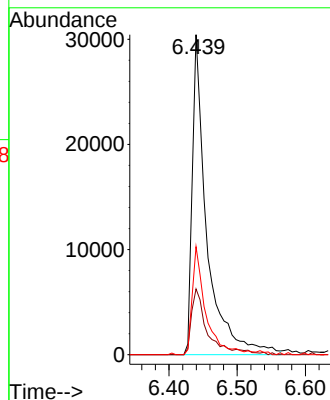
Tgt Ion: 99 Resp: 45086

Ion Ratio Lower Upper

99 100

42 20.5 16.1 24.1

71 33.8 27.4 41.2



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.057 min Scan# 1015

Delta R.T. -0.012 min

Lab File: BF136885.D

Acq: 02 Jan 2024 22:30

Tgt Ion: 136 Resp: 360101

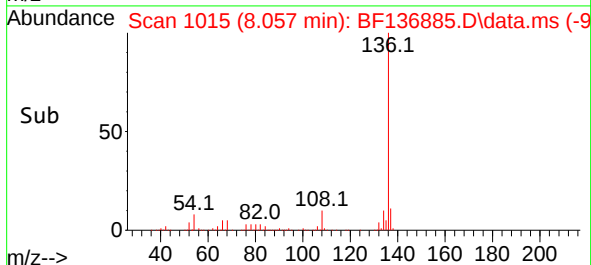
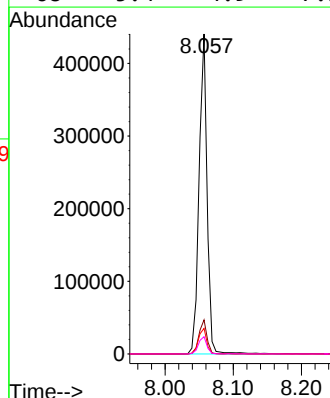
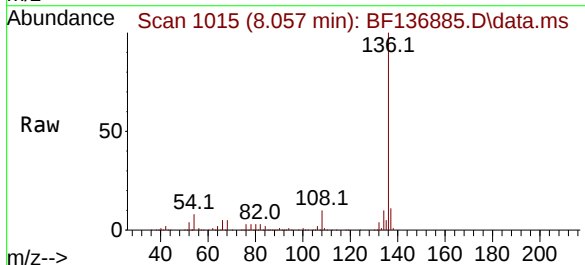
Ion Ratio Lower Upper

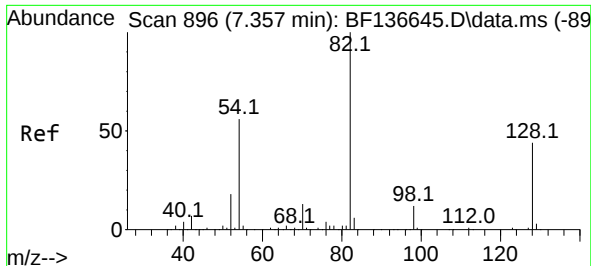
136 100

137 10.7 9.0 13.4

54 8.0 7.2 10.8

68 5.4 4.9 7.3





#23

Nitrobenzene-d5

Concen: 43.761 ng

RT: 7.339 min Scan# 89

Delta R.T. -0.018 min

Lab File: BF136885.D

Acq: 02 Jan 2024 22:30

Instrument :

BNA_F

ClientSampleId :

RT-GWDUP01-122023RE

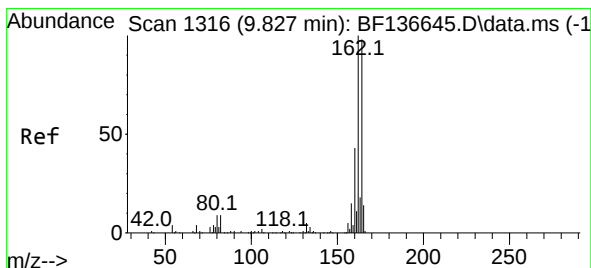
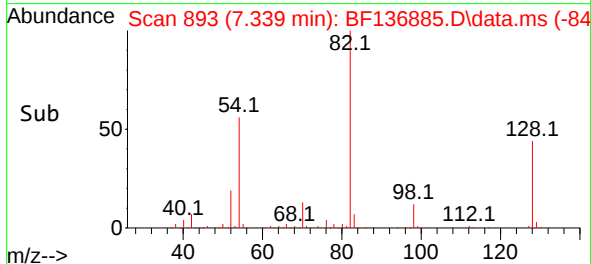
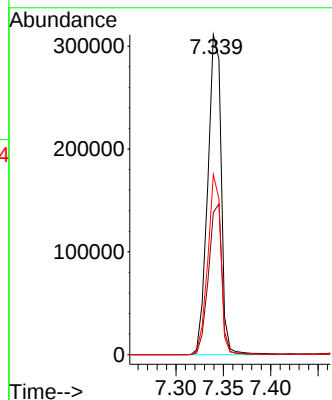
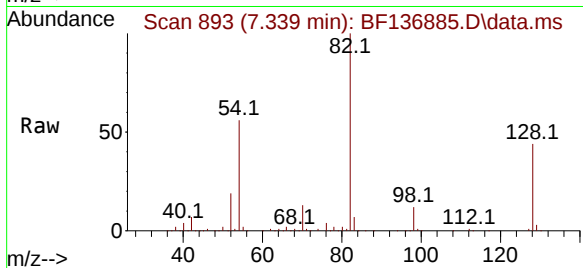
Tgt Ion: 82 Resp: 307952

Ion Ratio Lower Upper

82 100

128 44.4 35.3 52.9

54 56.3 44.5 66.7



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.810 min Scan# 1313

Delta R.T. -0.018 min

Lab File: BF136885.D

Acq: 02 Jan 2024 22:30

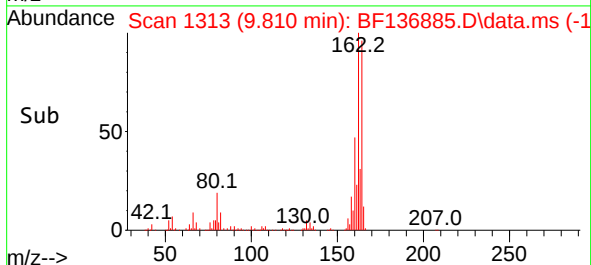
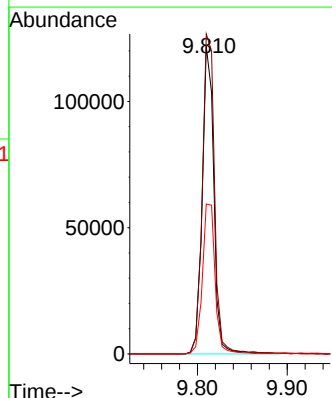
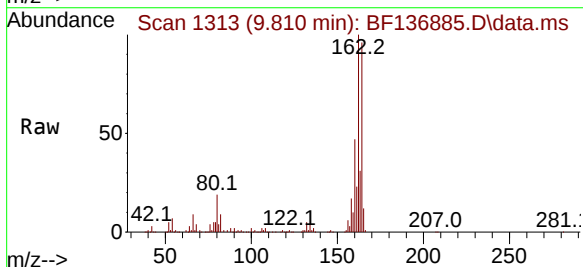
Tgt Ion:164 Resp: 109748

Ion Ratio Lower Upper

164 100

162 104.1 81.6 122.4

160 48.8 34.9 52.3





#42

2,4,6-Tribromophenol

Concen: 0.996 ng

RT: 10.610 min Scan# 1198

Delta R.T. -0.012 min

Lab File: BF136885.D

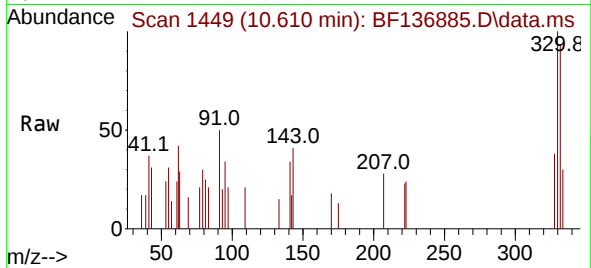
Acq: 02 Jan 2024 22:30

Instrument :

BNA_F

ClientSampleId :

RT-GWDUP01-122023RE



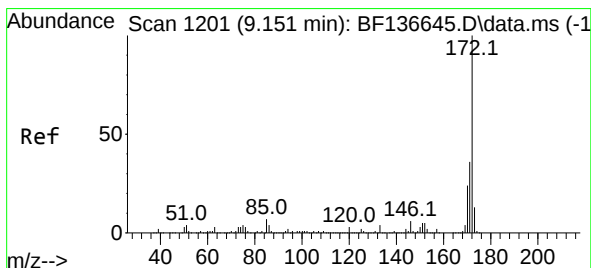
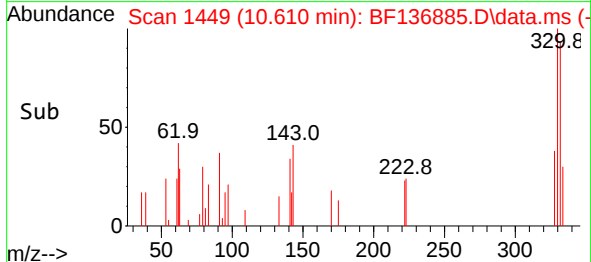
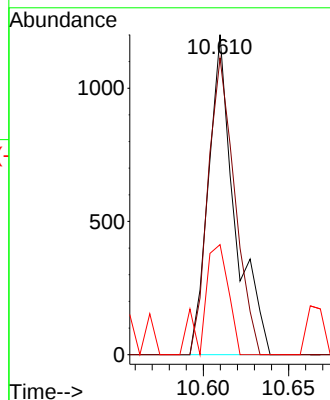
Tgt Ion:330 Resp: 1287

Ion Ratio Lower Upper

330 100

332 94.3 77.4 116.0

141 32.3 23.4 35.2



#45

2-Fluorobiphenyl

Concen: 72.803 ng

RT: 9.133 min Scan# 1198

Delta R.T. -0.018 min

Lab File: BF136885.D

Acq: 02 Jan 2024 22:30

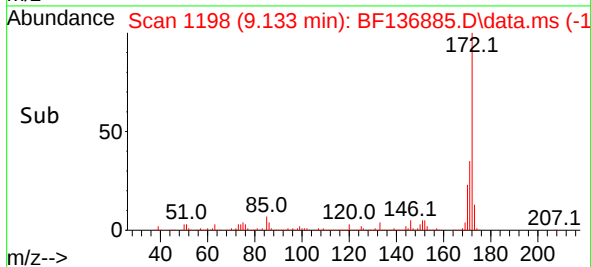
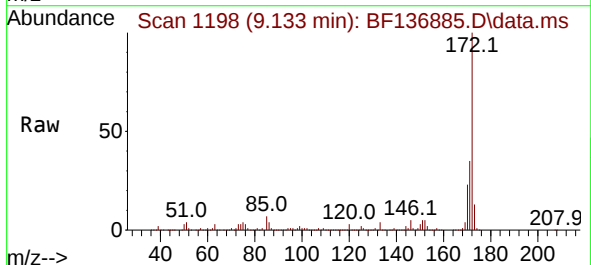
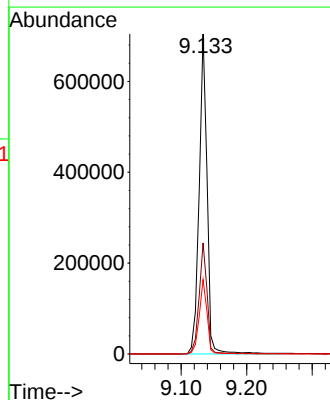
Tgt Ion:172 Resp: 594057

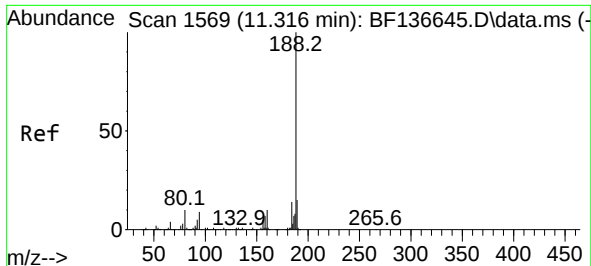
Ion Ratio Lower Upper

172 100

171 34.7 29.0 43.6

170 23.3 19.0 28.4

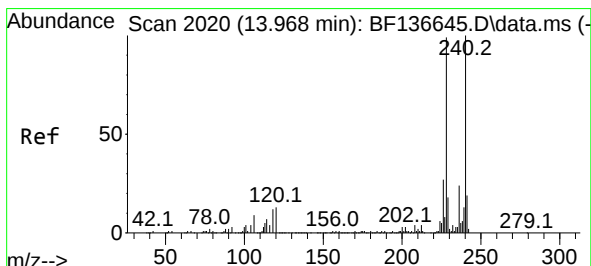
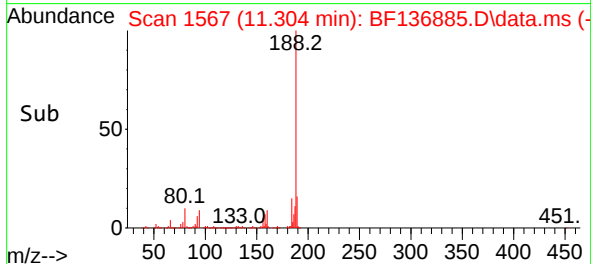
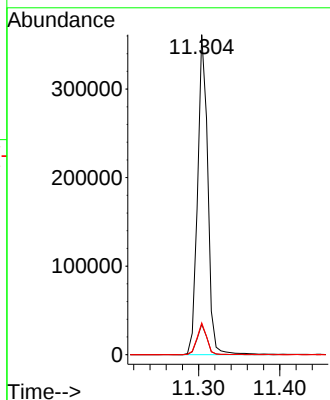
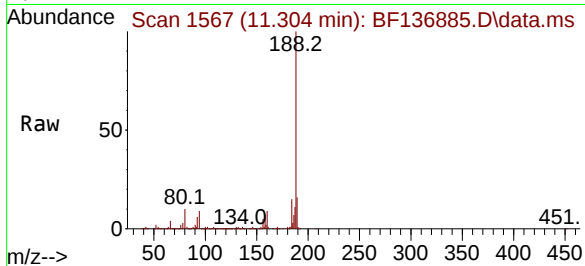




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.304 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF136885.D
Acq: 02 Jan 2024 22:30

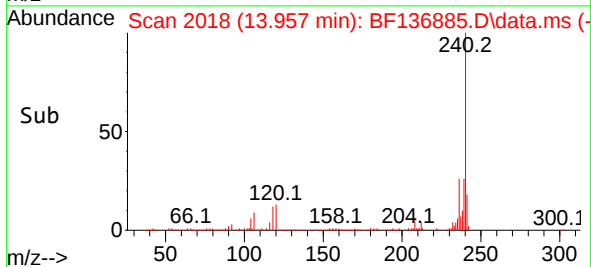
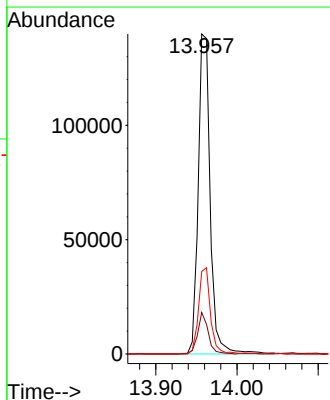
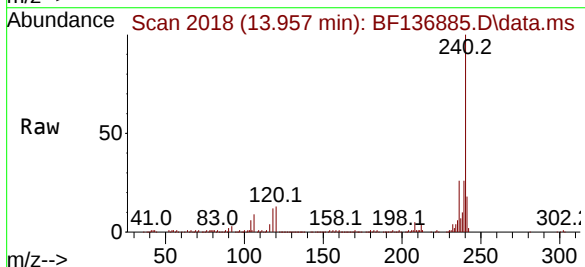
Instrument :
BNA_F
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RT-GWDUP01-122023RE

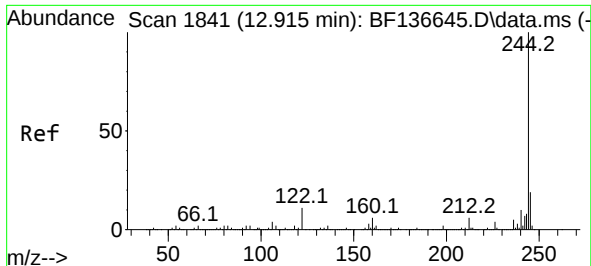
Tgt Ion:188 Resp: 316017
Ion Ratio Lower Upper
188 100
94 9.5 7.5 11.3
80 10.0 8.1 12.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.957 min Scan# 2018
Delta R.T. -0.012 min
Lab File: BF136885.D
Acq: 02 Jan 2024 22:30

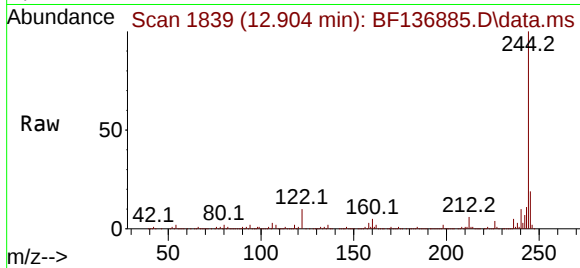
Tgt Ion:240 Resp: 144145
Ion Ratio Lower Upper
240 100
120 12.9 10.3 15.5
236 25.8 19.4 29.2



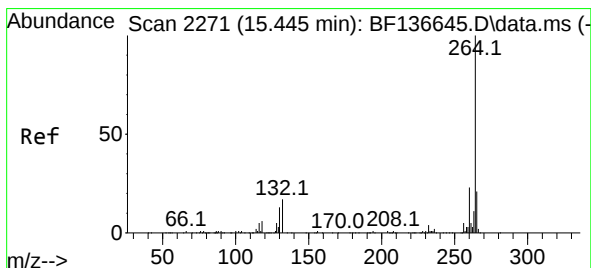
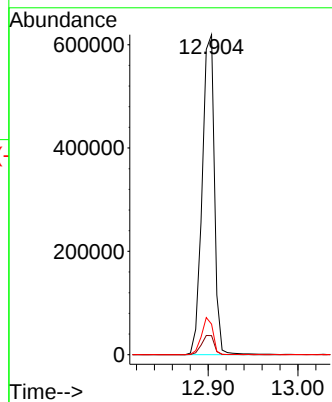
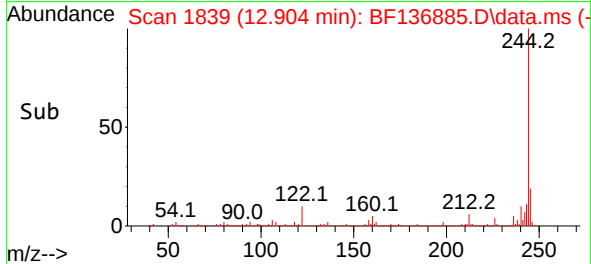


#79
 Terphenyl-d14
 Concen: 56.834 ng
 RT: 12.904 min Scan# 1839
 Delta R.T. -0.012 min
 Lab File: BF136885.D
 Acq: 02 Jan 2024 22:30

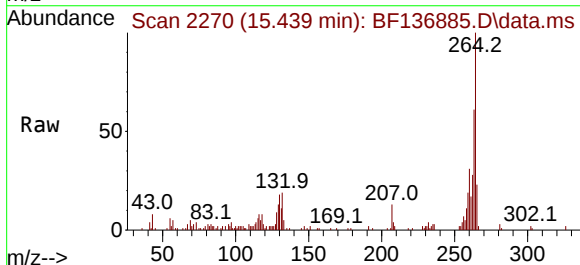
Instrument :
 BNA_F
 ClientSampleId :
 RT-GWDUP01-122023RE



Tgt Ion:244 Resp: 586226
 Ion Ratio Lower Upper
 244 100
 212 5.9 5.0 7.4
 122 9.6 9.0 13.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.439 min Scan# 2270
 Delta R.T. -0.006 min
 Lab File: BF136885.D
 Acq: 02 Jan 2024 22:30



Tgt Ion:264 Resp: 23017
 Ion Ratio Lower Upper
 264 100
 260 30.9 18.3 27.5#
 265 22.6 17.0 25.6

