

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010224\
 Data File : BF136865.D
 Acq On : 02 Jan 2024 11:52
 Operator : CG\JU
 Sample : PB158048TB
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB158048TB

Quant Time: Jan 02 12:16:23 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	79054	20.000	ng	-0.01
21) Naphthalene-d8	8.057	136	305479	20.000	ng	-0.01
39) Acenaphthene-d10	9.810	164	162854	20.000	ng	-0.02
64) Phenanthrene-d10	11.304	188	320960	20.000	ng	-0.01
76) Chrysene-d12	13.957	240	196691	20.000	ng	-0.01
86) Perylene-d12	15.439	264	164370	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	607336	119.870	ng	0.00
7) Phenol-d6	6.428	99	765324	116.574	ng	-0.01
23) Nitrobenzene-d5	7.346	82	472469	79.144	ng	-0.01
42) 2,4,6-Tribromophenol	10.610	330	220813	115.129	ng	-0.01
45) 2-Fluorobiphenyl	9.134	172	954346	78.818	ng	-0.02
79) Terphenyl-d14	12.904	244	1077397	76.548	ng	-0.01

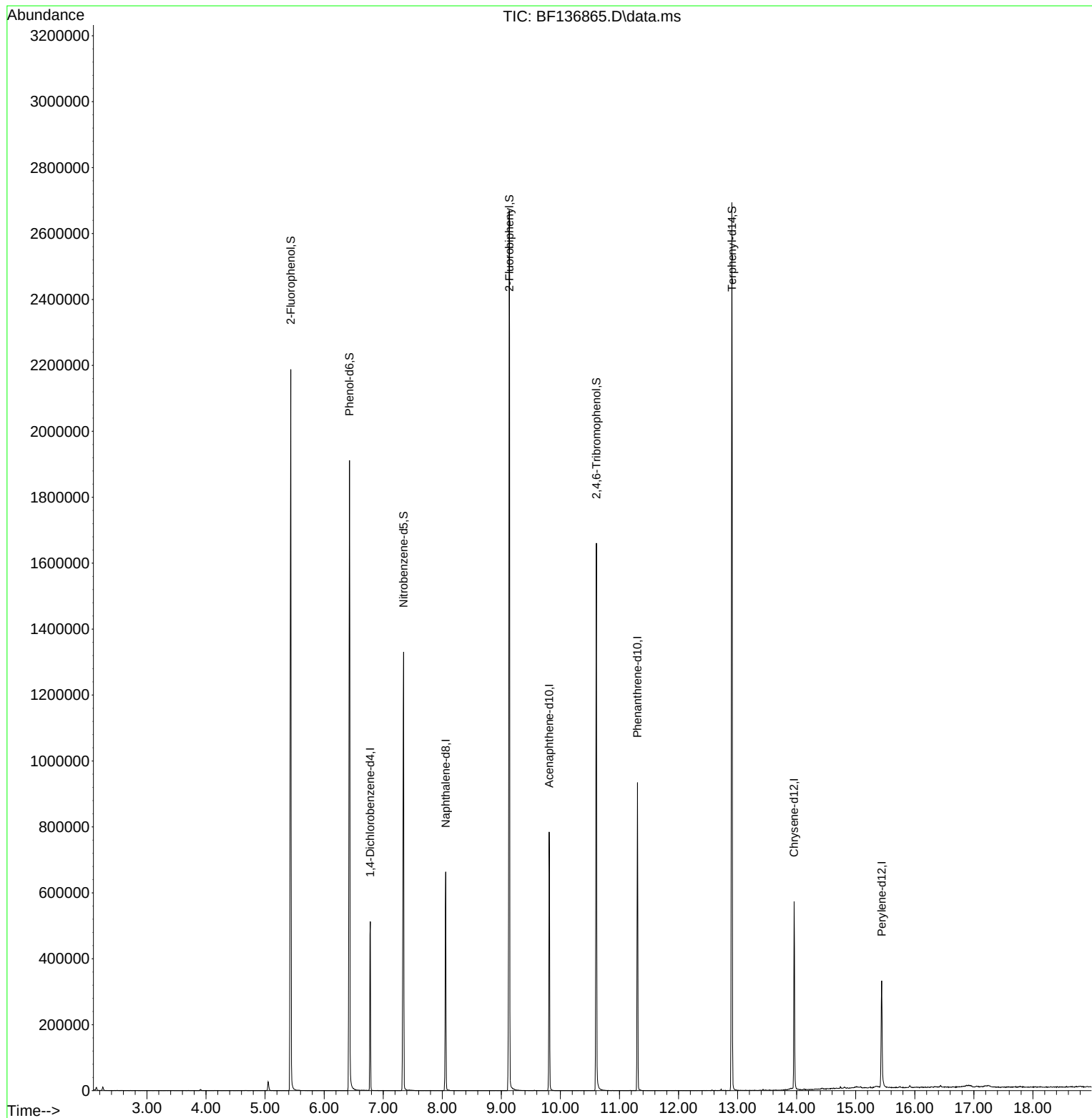
Target Compounds	Qvalue

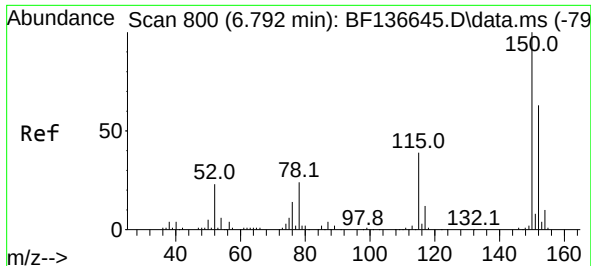
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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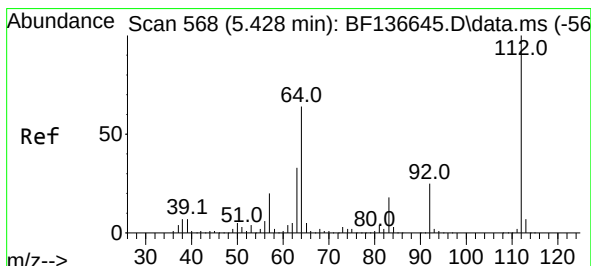
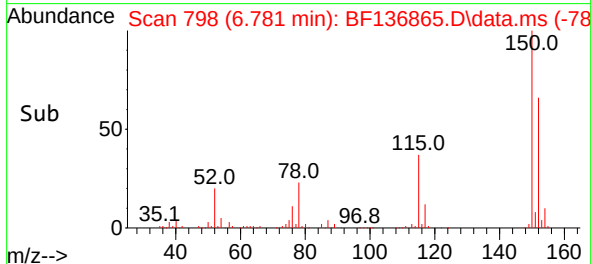
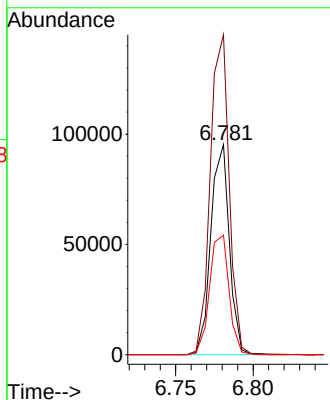
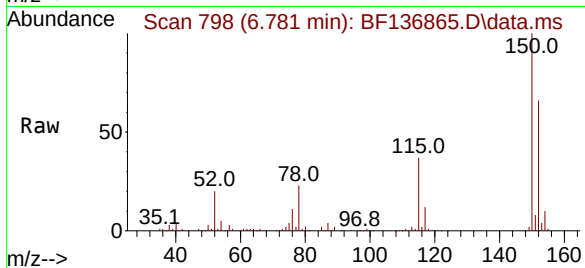




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.781 min Scan# 79
Delta R.T. -0.011 min
Lab File: BF136865.D
Acq: 02 Jan 2024 11:52

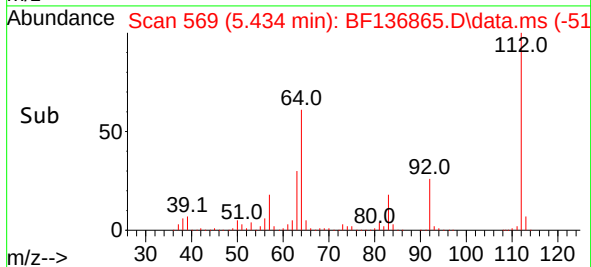
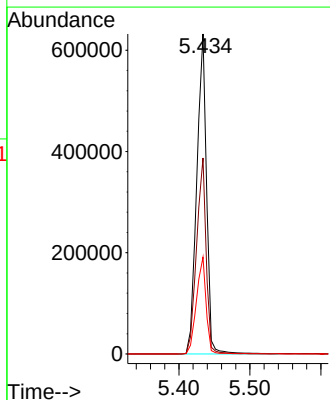
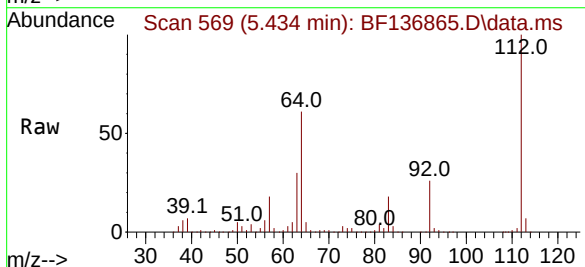
Instrument :
BNA_F
ClientSampleId :
PB158048TB

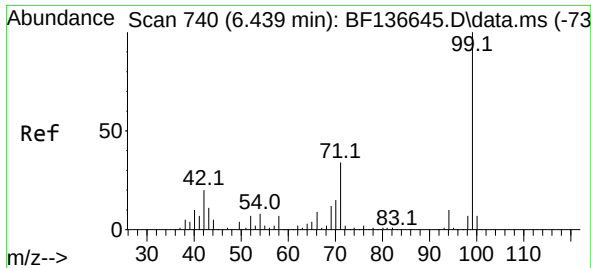
Tgt Ion:152 Resp: 79054
Ion Ratio Lower Upper
152 100
150 152.3 127.0 190.6
115 56.9 49.0 73.4



#5
2-Fluorophenol
Concen: 119.870 ng
RT: 5.434 min Scan# 569
Delta R.T. 0.006 min
Lab File: BF136865.D
Acq: 02 Jan 2024 11:52

Tgt Ion:112 Resp: 607336
Ion Ratio Lower Upper
112 100
64 61.3 51.1 76.7
63 30.3 26.1 39.1

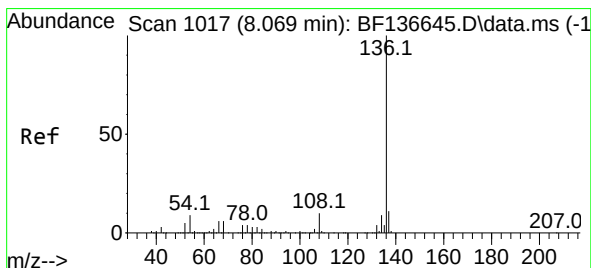
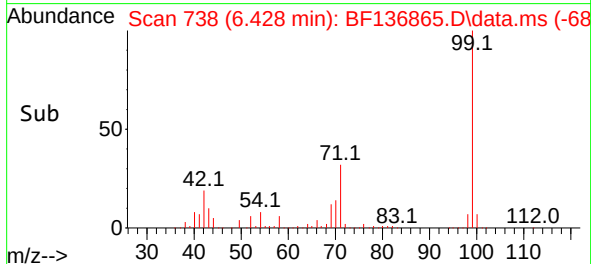
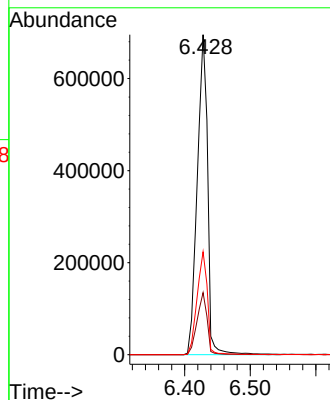
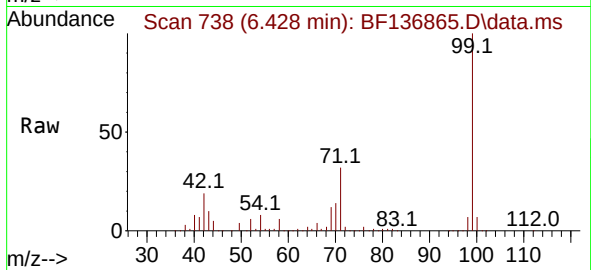




#7
Phenol-d6
Concen: 116.574 ng
RT: 6.428 min Scan# 71
Delta R.T. -0.011 min
Lab File: BF136865.D
Acq: 02 Jan 2024 11:52

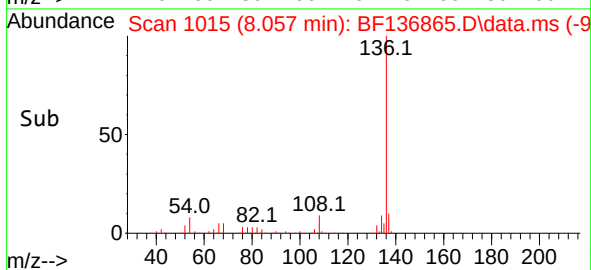
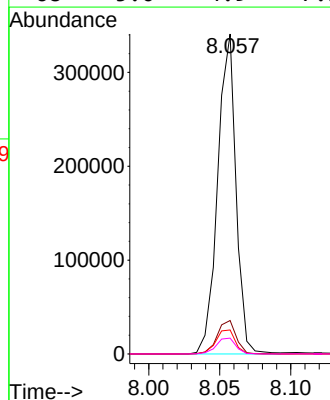
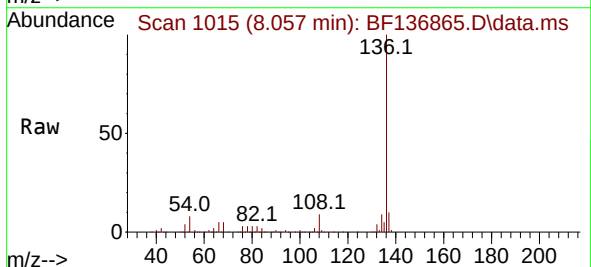
Instrument :
BNA_F
ClientSampleId :
PB158048TB

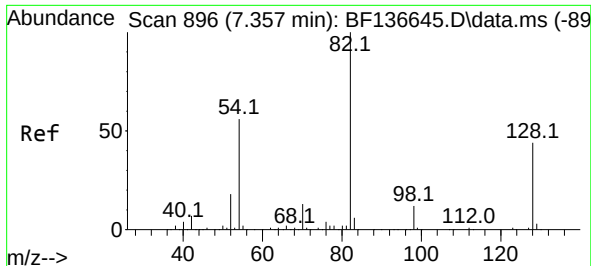
Tgt Ion: 99 Resp: 765324
Ion Ratio Lower Upper
99 100
42 19.4 16.1 24.1
71 32.1 27.4 41.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.057 min Scan# 1015
Delta R.T. -0.011 min
Lab File: BF136865.D
Acq: 02 Jan 2024 11:52

Tgt Ion: 136 Resp: 305479
Ion Ratio Lower Upper
136 100
137 10.5 9.0 13.4
54 7.5 7.2 10.8
68 5.0 4.9 7.3





#23

Nitrobenzene-d5

Concen: 79.144 ng

RT: 7.346 min Scan# 89

Delta R.T. -0.011 min

Lab File: BF136865.D

Acq: 02 Jan 2024 11:52

Instrument :

BNA_F

ClientSampleId :

PB158048TB

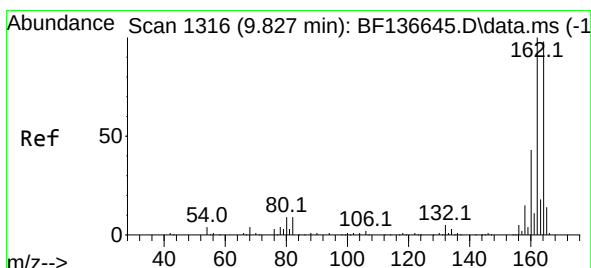
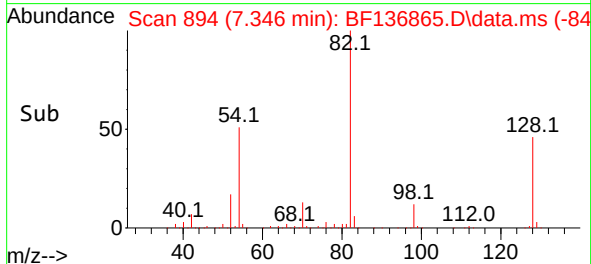
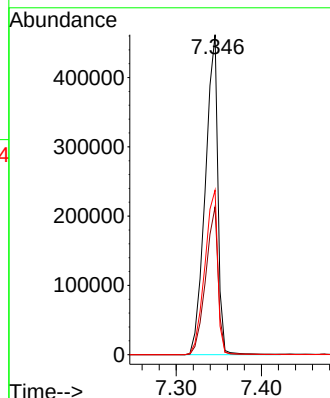
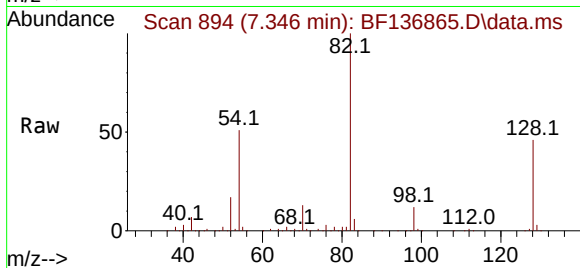
Tgt Ion: 82 Resp: 472469

Ion Ratio Lower Upper

82 100

128 46.2 35.3 52.9

54 51.4 44.5 66.7



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.810 min Scan# 1313

Delta R.T. -0.017 min

Lab File: BF136865.D

Acq: 02 Jan 2024 11:52

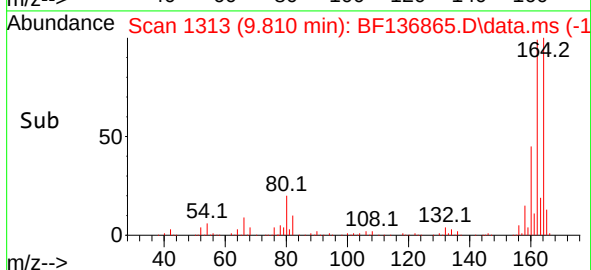
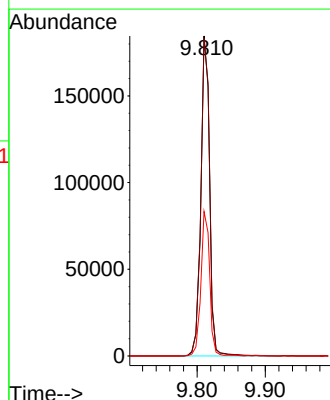
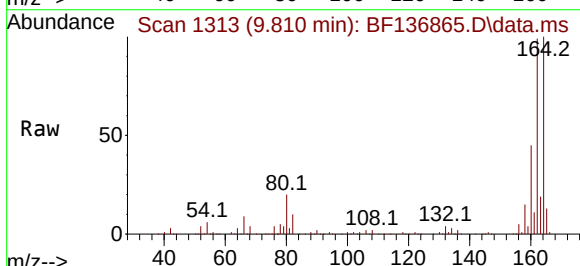
Tgt Ion:164 Resp: 162854

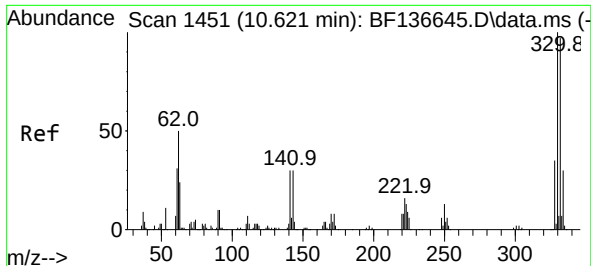
Ion Ratio Lower Upper

164 100

162 99.2 81.6 122.4

160 45.2 34.9 52.3





#42

2,4,6-Tribromophenol

Concen: 115.129 ng

RT: 10.610 min Scan# 1451

Delta R.T. -0.011 min

Lab File: BF136865.D

Acq: 02 Jan 2024 11:52

Instrument :

BNA_F

ClientSampleId :

PB158048TB

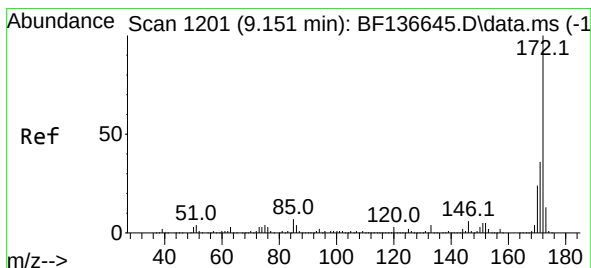
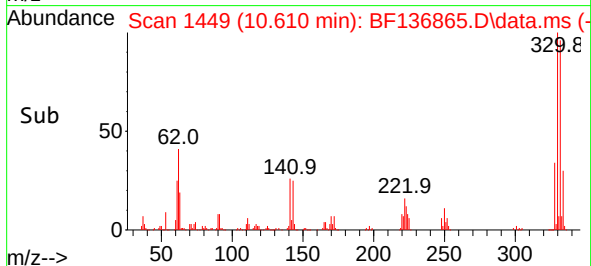
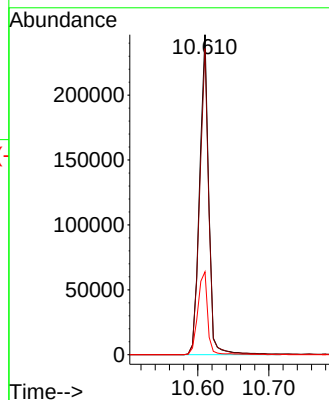
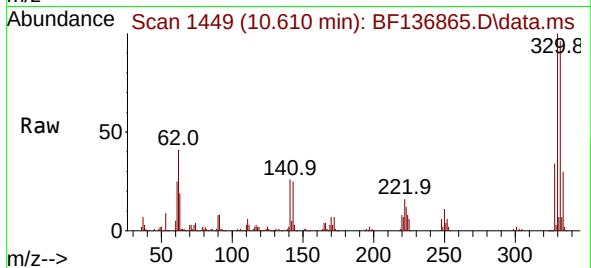
Tgt Ion:330 Resp: 220813

Ion Ratio Lower Upper

330 100

332 95.5 77.4 116.0

141 28.0 23.4 35.2



#45

2-Fluorobiphenyl

Concen: 78.818 ng

RT: 9.134 min Scan# 1198

Delta R.T. -0.017 min

Lab File: BF136865.D

Acq: 02 Jan 2024 11:52

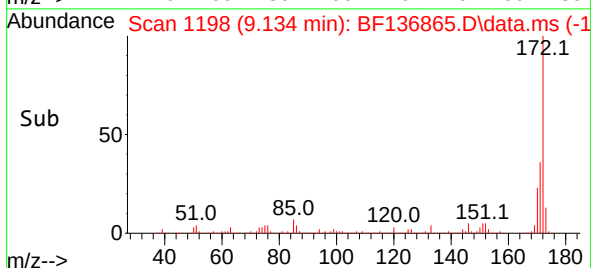
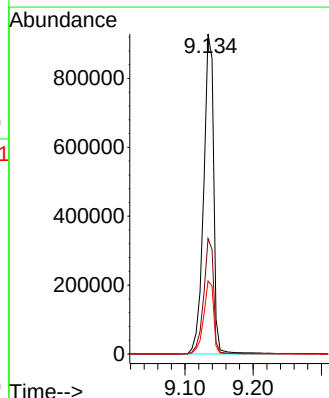
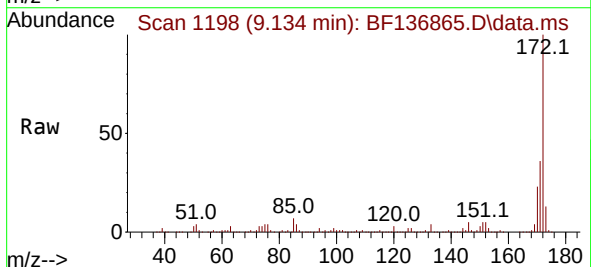
Tgt Ion:172 Resp: 954346

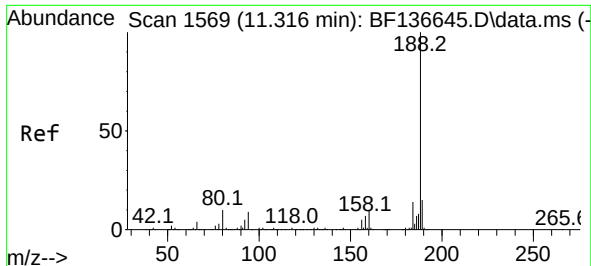
Ion Ratio Lower Upper

172 100

171 36.1 29.0 43.6

170 22.8 19.0 28.4

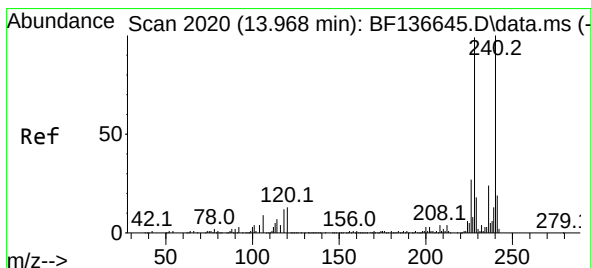
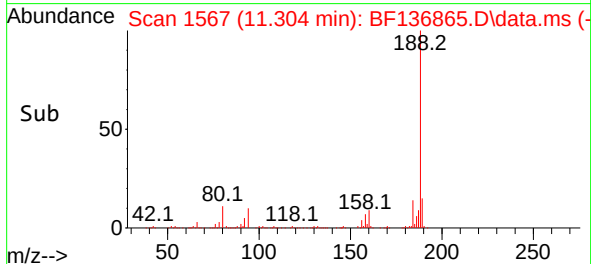
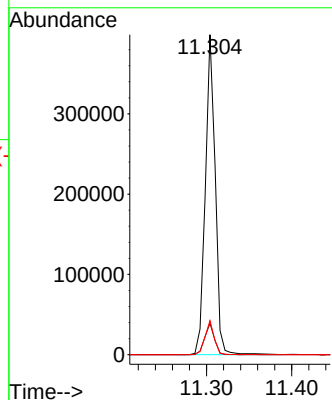
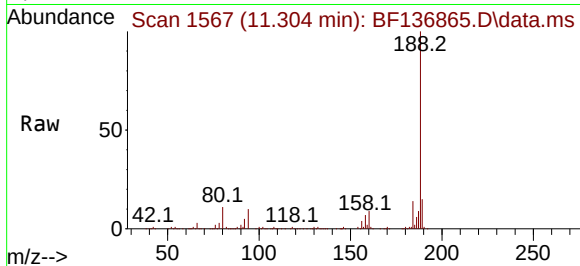




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.304 min Scan# 11
Delta R.T. -0.011 min
Lab File: BF136865.D
Acq: 02 Jan 2024 11:52

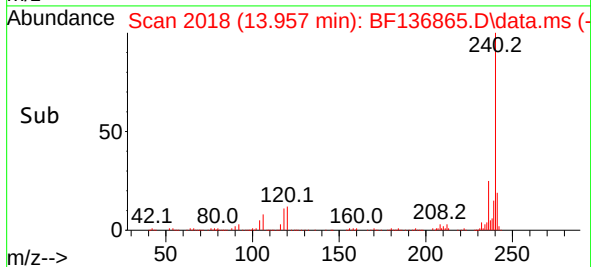
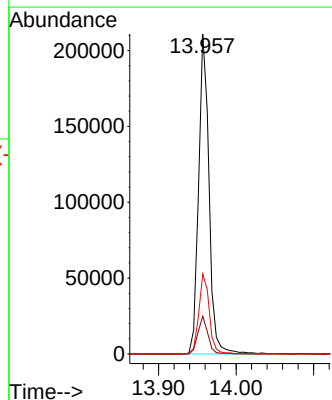
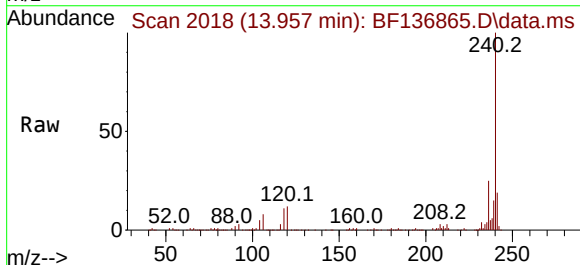
Instrument :
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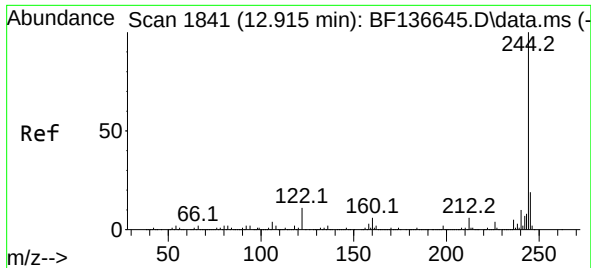
Tgt Ion:188 Resp: 320960
Ion Ratio Lower Upper
188 100
94 9.7 7.5 11.3
80 10.6 8.1 12.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.957 min Scan# 2018
Delta R.T. -0.011 min
Lab File: BF136865.D
Acq: 02 Jan 2024 11:52

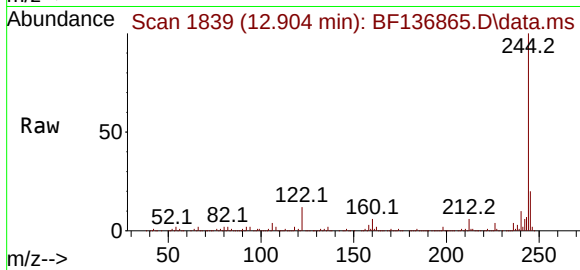
Tgt Ion:240 Resp: 196691
Ion Ratio Lower Upper
240 100
120 11.8 10.3 15.5
236 25.0 19.4 29.2



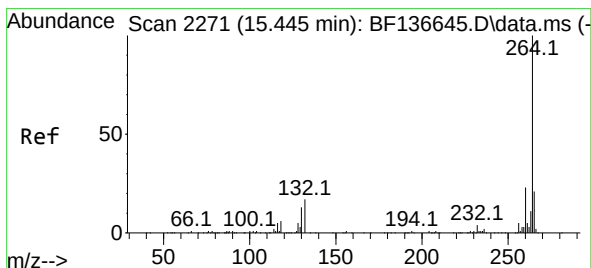
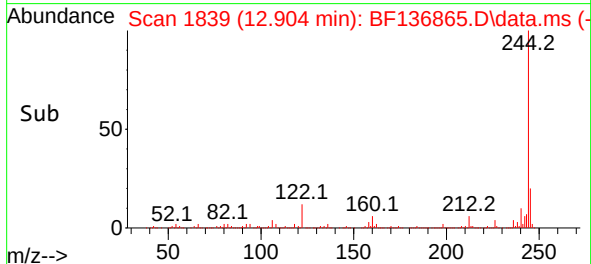
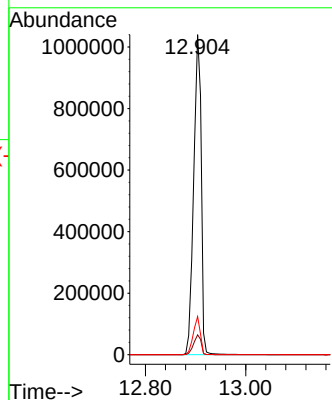


#79
Terphenyl-d14
Concen: 76.548 ng
RT: 12.904 min Scan# 1839
Delta R.T. -0.011 min
Lab File: BF136865.D
Acq: 02 Jan 2024 11:52

Instrument :
BNA_F
ClientSampleId :
PB158048TB



Tgt Ion:244 Resp: 1077397
Ion Ratio Lower Upper
244 100
212 6.2 5.0 7.4
122 11.9 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: BF136865.D
Acq: 02 Jan 2024 11:52

Tgt Ion:264 Resp: 164370
Ion Ratio Lower Upper
264 100
260 23.9 18.3 27.5
265 21.7 17.0 25.6

