

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010324\
Data File : BF136904.D
Acq On : 03 Jan 2024 13:08
Operator : CG\JU
Sample : PB158147BL
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB158147BL

Quant Time: Jan 03 13:47:38 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	77967	20.000	ng	-0.01
21) Naphthalene-d8	8.057	136	300382	20.000	ng	-0.01
39) Acenaphthene-d10	9.810	164	158538	20.000	ng	-0.02
64) Phenanthrene-d10	11.304	188	339371	20.000	ng	-0.01
76) Chrysene-d12	13.962	240	228048	20.000	ng	# 0.00
86) Perylene-d12	15.445	264	173155	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	664627	133.006	ng	0.00
7) Phenol-d6	6.434	99	829541	128.117	ng	0.00
23) Nitrobenzene-d5	7.345	82	499968	85.171	ng	-0.01
42) 2,4,6-Tribromophenol	10.610	330	251971	134.950	ng	-0.01
45) 2-Fluorobiphenyl	9.139	172	1013164	85.954	ng	-0.01
79) Terphenyl-d14	12.910	244	1237753	75.849	ng	0.00

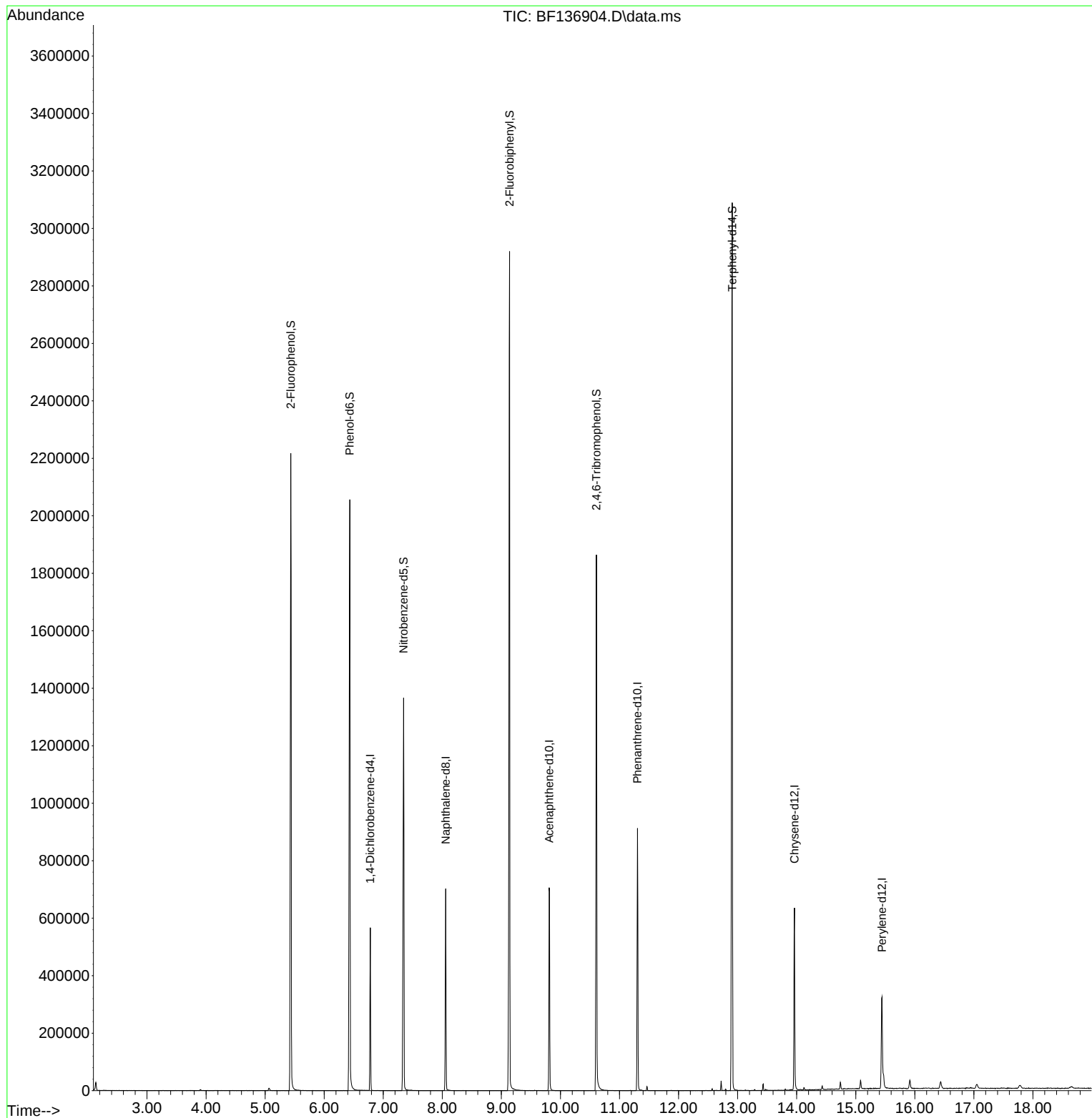
Target Compounds	Qvalue

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

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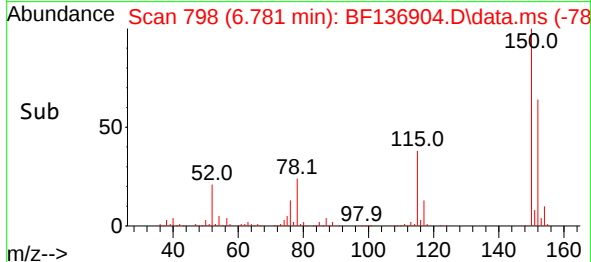
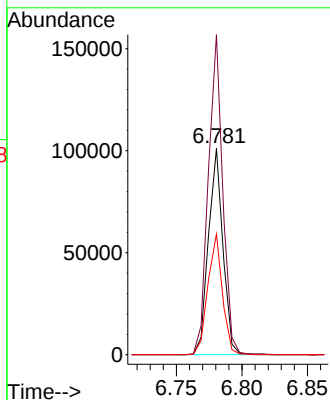
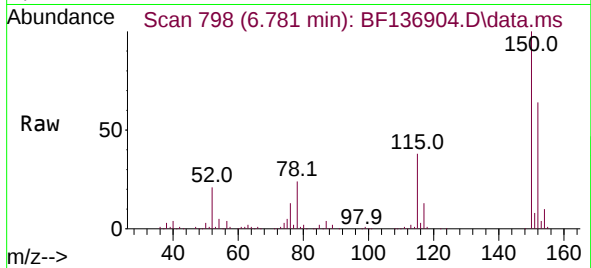




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.781 min Scan# 79
Delta R.T. -0.011 min
Lab File: BF136904.D
Acq: 03 Jan 2024 13:08

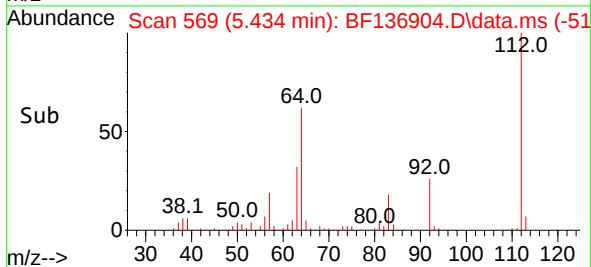
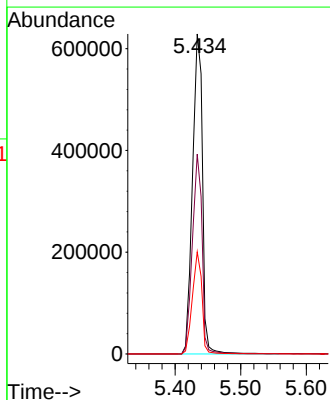
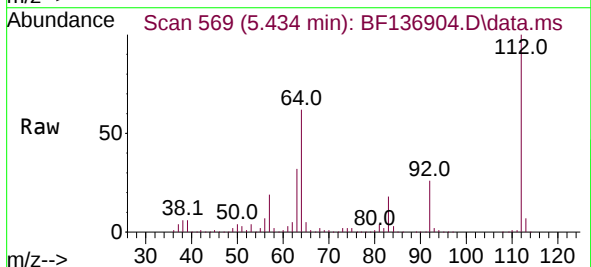
Instrument :
BNA_F
ClientSampleId :
PB158147BL

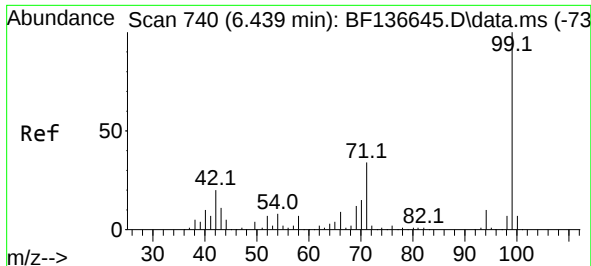
Tgt Ion:152 Resp: 77967
Ion Ratio Lower Upper
152 100
150 155.1 127.0 190.6
115 58.5 49.0 73.4



#5
2-Fluorophenol
Concen: 133.006 ng
RT: 5.434 min Scan# 569
Delta R.T. 0.006 min
Lab File: BF136904.D
Acq: 03 Jan 2024 13:08

Tgt Ion:112 Resp: 664627
Ion Ratio Lower Upper
112 100
64 62.4 51.1 76.7
63 31.9 26.1 39.1

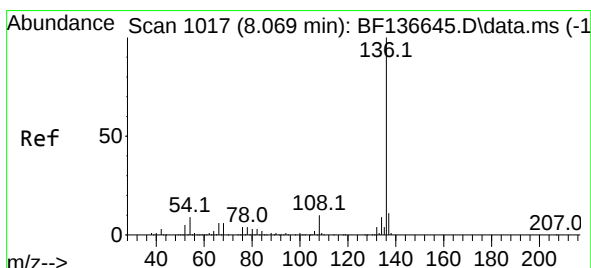
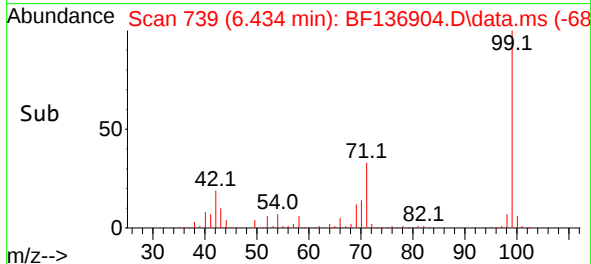
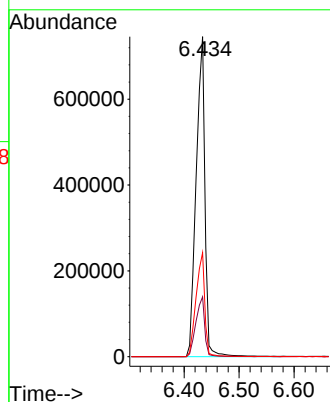
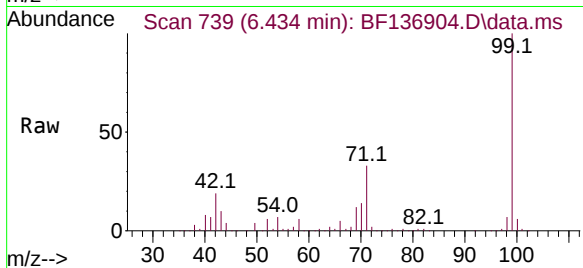




#7
Phenol-d6
Concen: 128.117 ng
RT: 6.434 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF136904.D
Acq: 03 Jan 2024 13:08

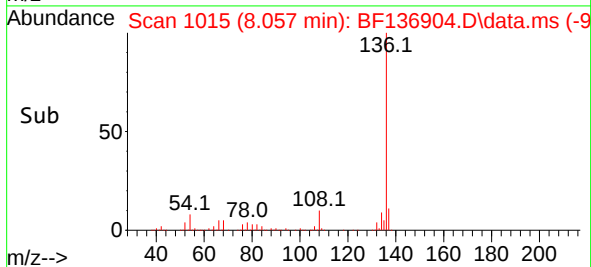
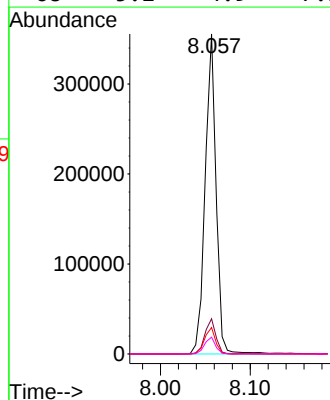
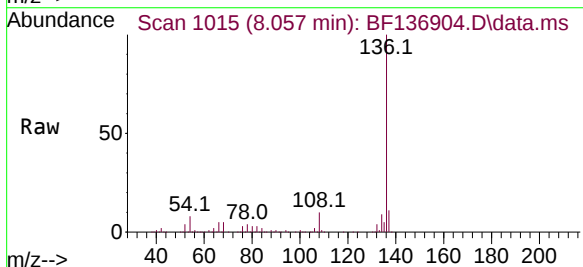
Instrument :
BNA_F
ClientSampleId :
PB158147BL

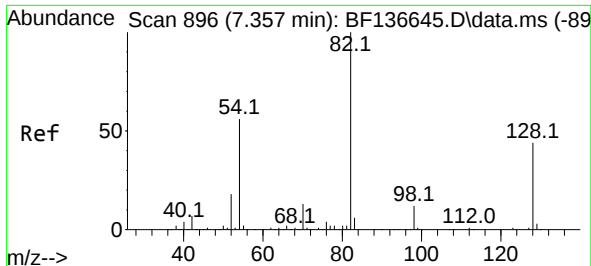
Tgt Ion: 99 Resp: 829541
Ion Ratio Lower Upper
99 100
42 18.7 16.1 24.1
71 32.5 27.4 41.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.057 min Scan# 1015
Delta R.T. -0.012 min
Lab File: BF136904.D
Acq: 03 Jan 2024 13:08

Tgt Ion: 136 Resp: 300382
Ion Ratio Lower Upper
136 100
137 11.0 9.0 13.4
54 8.3 7.2 10.8
68 5.2 4.9 7.3





#23

Nitrobenzene-d5

Concen: 85.171 ng

RT: 7.345 min Scan# 89

Delta R.T. -0.012 min

Lab File: BF136904.D

Acq: 03 Jan 2024 13:08

Instrument :

BNA_F

ClientSampleId :

PB158147BL

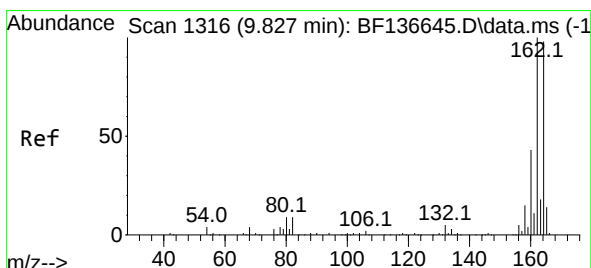
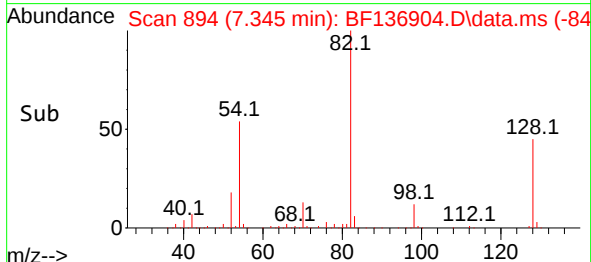
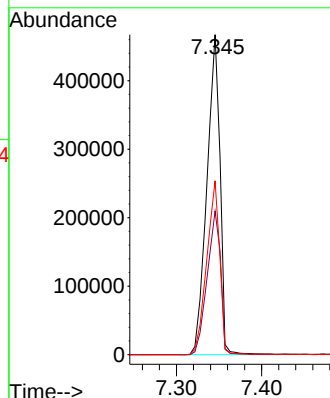
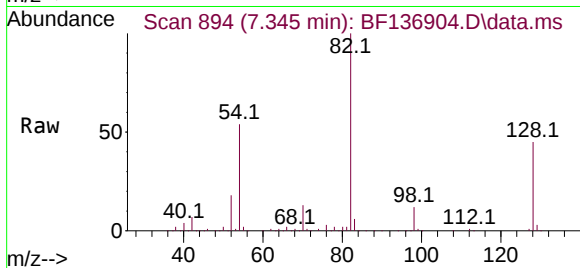
Tgt Ion: 82 Resp: 499968

Ion Ratio Lower Upper

82 100

128 44.9 35.3 52.9

54 54.4 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: BF136904.D

Acq: 03 Jan 2024 13:08

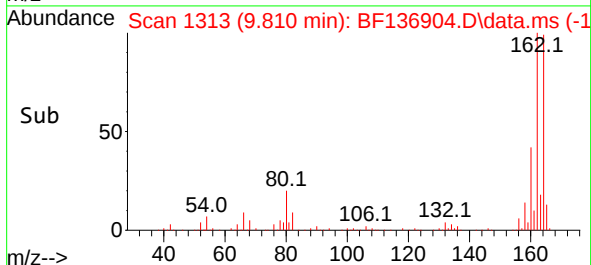
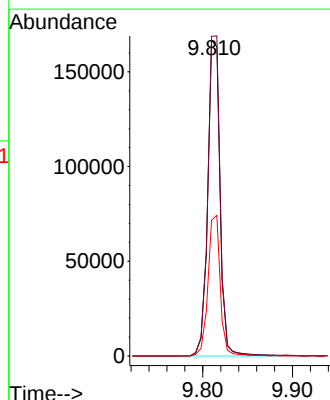
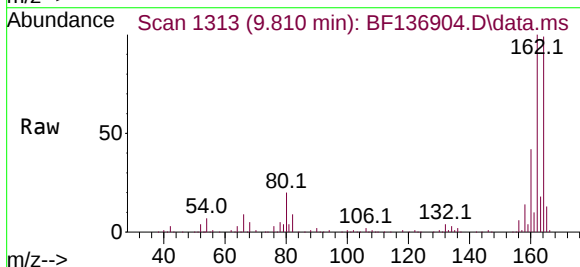
Tgt Ion:164 Resp: 158538

Ion Ratio Lower Upper

164 100

162 101.3 81.6 122.4

160 43.0 34.9 52.3





#42

2,4,6-Tribromophenol

Concen: 134.950 ng

RT: 10.610 min Scan# 1449

Delta R.T. -0.012 min

Lab File: BF136904.D

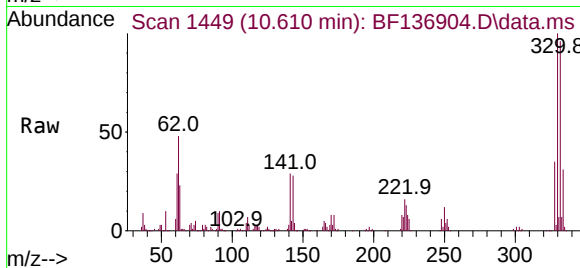
Acq: 03 Jan 2024 13:08

Instrument :

BNA_F

ClientSampleId :

PB158147BL



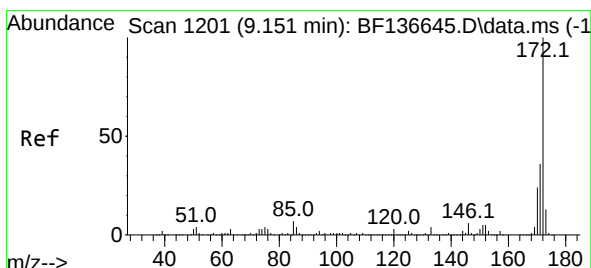
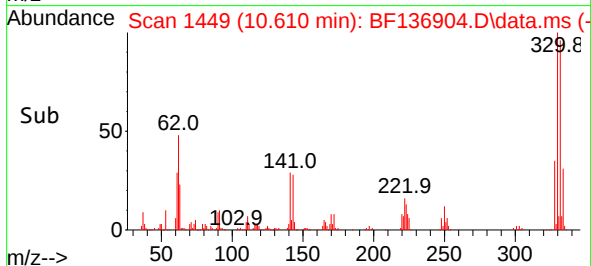
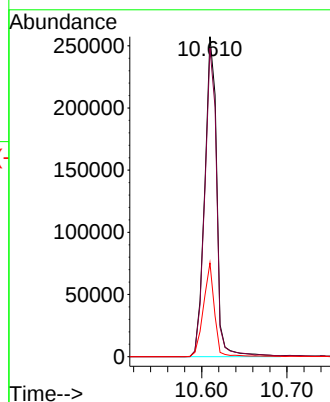
Tgt Ion:330 Resp: 251971

Ion Ratio Lower Upper

330 100

332 96.0 77.4 116.0

141 27.2 23.4 35.2



#45

2-Fluorobiphenyl

Concen: 85.954 ng

RT: 9.139 min Scan# 1199

Delta R.T. -0.012 min

Lab File: BF136904.D

Acq: 03 Jan 2024 13:08

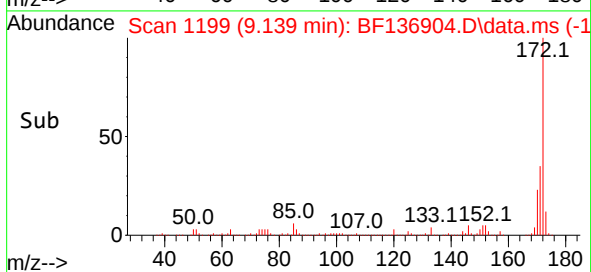
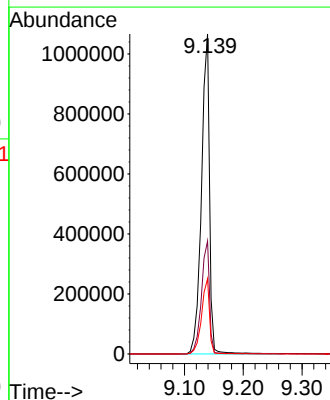
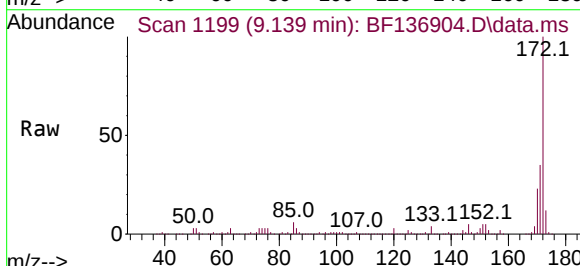
Tgt Ion:172 Resp: 1013164

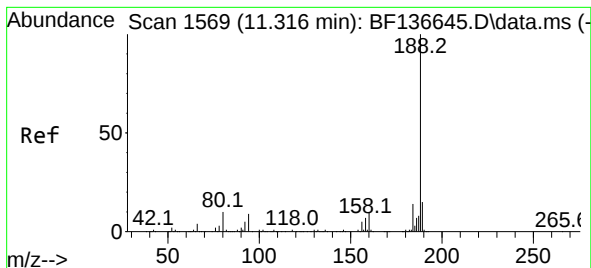
Ion Ratio Lower Upper

172 100

171 35.3 29.0 43.6

170 23.5 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: BF136904.D

Acq: 03 Jan 2024 13:08

Instrument :

BNA_F

ClientSampleId :

PB158147BL

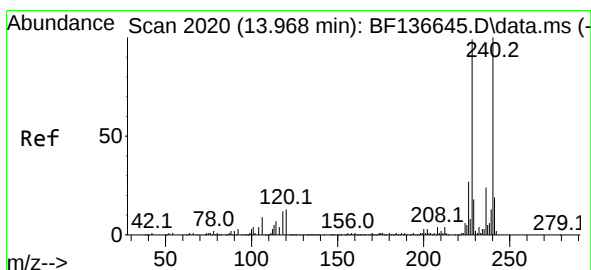
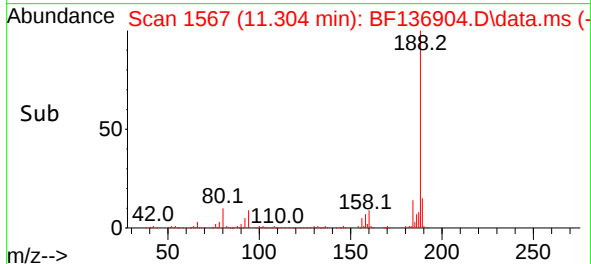
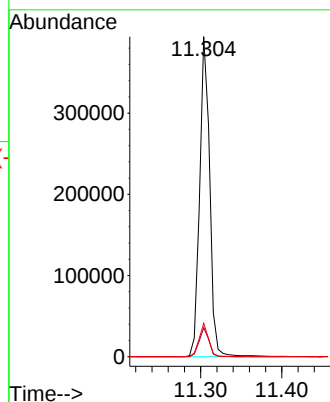
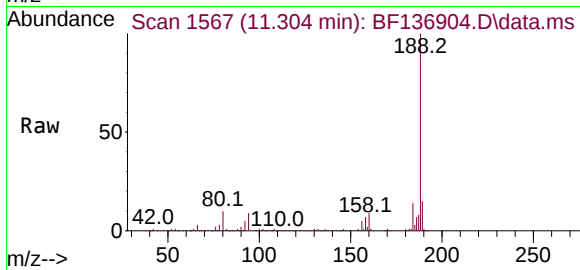
Tgt Ion:188 Resp: 339371

Ion Ratio Lower Upper

188 100

94 9.0 7.5 11.3

80 10.5 8.1 12.1



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.962 min Scan# 2019

Delta R.T. -0.006 min

Lab File: BF136904.D

Acq: 03 Jan 2024 13:08

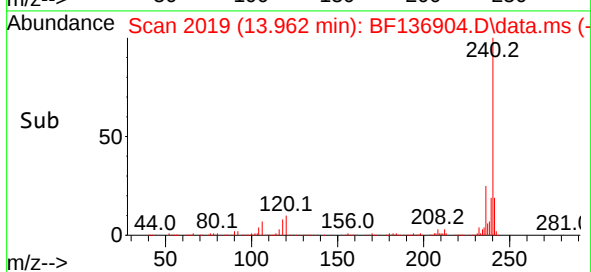
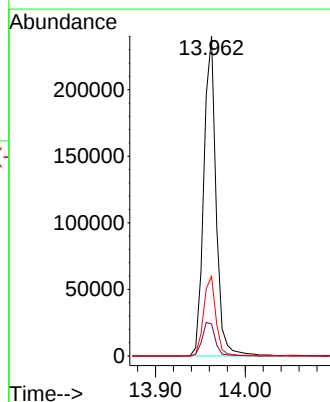
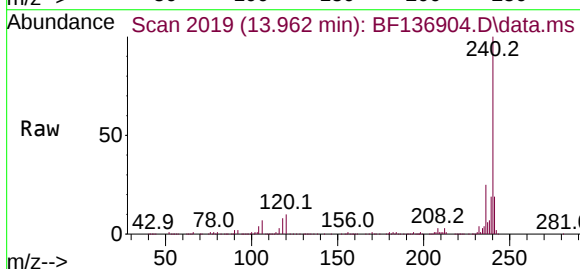
Tgt Ion:240 Resp: 228048

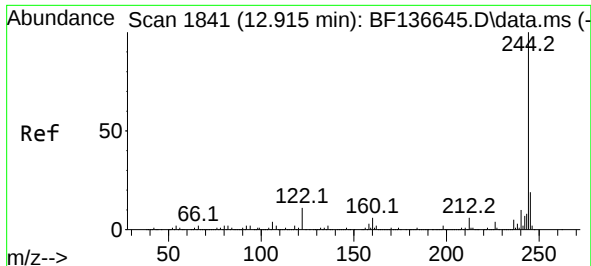
Ion Ratio Lower Upper

240 100

120 10.0 10.3 15.5#

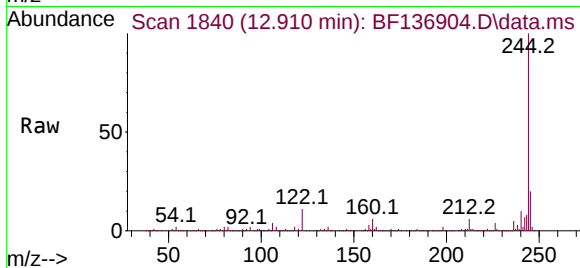
236 24.9 19.4 29.2



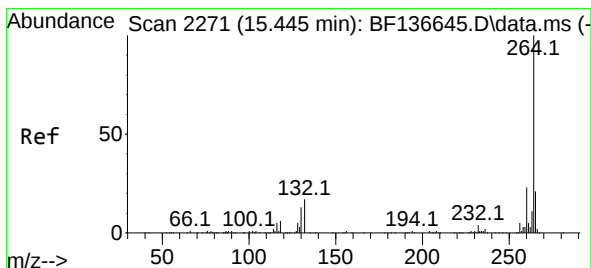
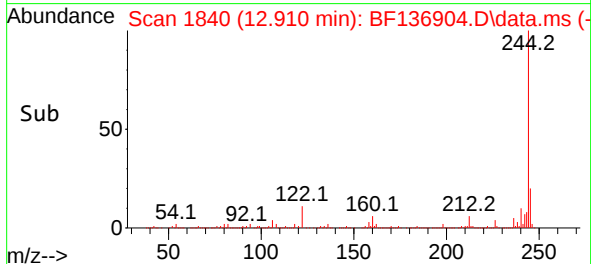
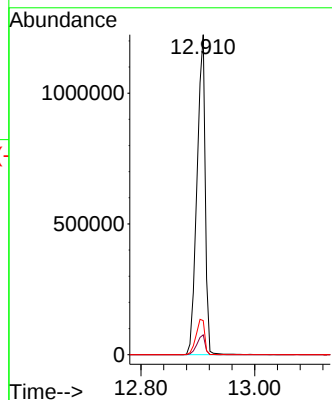


#79
Terphenyl-d14
Concen: 75.849 ng
RT: 12.910 min Scan# 1841
Delta R.T. -0.006 min
Lab File: BF136904.D
Acq: 03 Jan 2024 13:08

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Tgt Ion:244 Resp: 1237753
Ion Ratio Lower Upper
244 100
212 6.2 5.0 7.4
122 10.7 9.0 13.4



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.445 min Scan# 2271
Delta R.T. -0.000 min
Lab File: BF136904.D
Acq: 03 Jan 2024 13:08

Tgt Ion:264 Resp: 173155
Ion Ratio Lower Upper
264 100
260 23.0 18.3 27.5
265 21.3 17.0 25.6

