

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022624\
Data File : BF137384.D
Acq On : 26 Feb 2024 14:37
Operator : CG\JU
Sample : P1462-01RE
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
20240762-39N-N-FIELD-BLANK-1RE

Quant Time: Feb 26 15:09:02 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Feb 24 04:23:49 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	199237	20.000	ng	-0.02
21) Naphthalene-d8	8.057	136	811416	20.000	ng	-0.02
39) Acenaphthene-d10	9.816	164	414475	20.000	ng	-0.02
64) Phenanthrene-d10	11.304	188	645595	20.000	ng	-0.02
76) Chrysene-d12	13.957	240	375583	20.000	ng	-0.02
86) Perylene-d12	15.439	264	399936	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	453051	35.087	ng	-0.01
7) Phenol-d6	6.410	99	604755	31.839	ng	-0.03
23) Nitrobenzene-d5	7.340	82	318361	19.588	ng	-0.02
42) 2,4,6-Tribromophenol	10.604	330	102622	28.433	ng	-0.02
45) 2-Fluorobiphenyl	9.134	172	676410	25.407	ng	-0.02
79) Terphenyl-d14	12.904	244	559659	20.842	ng	-0.02

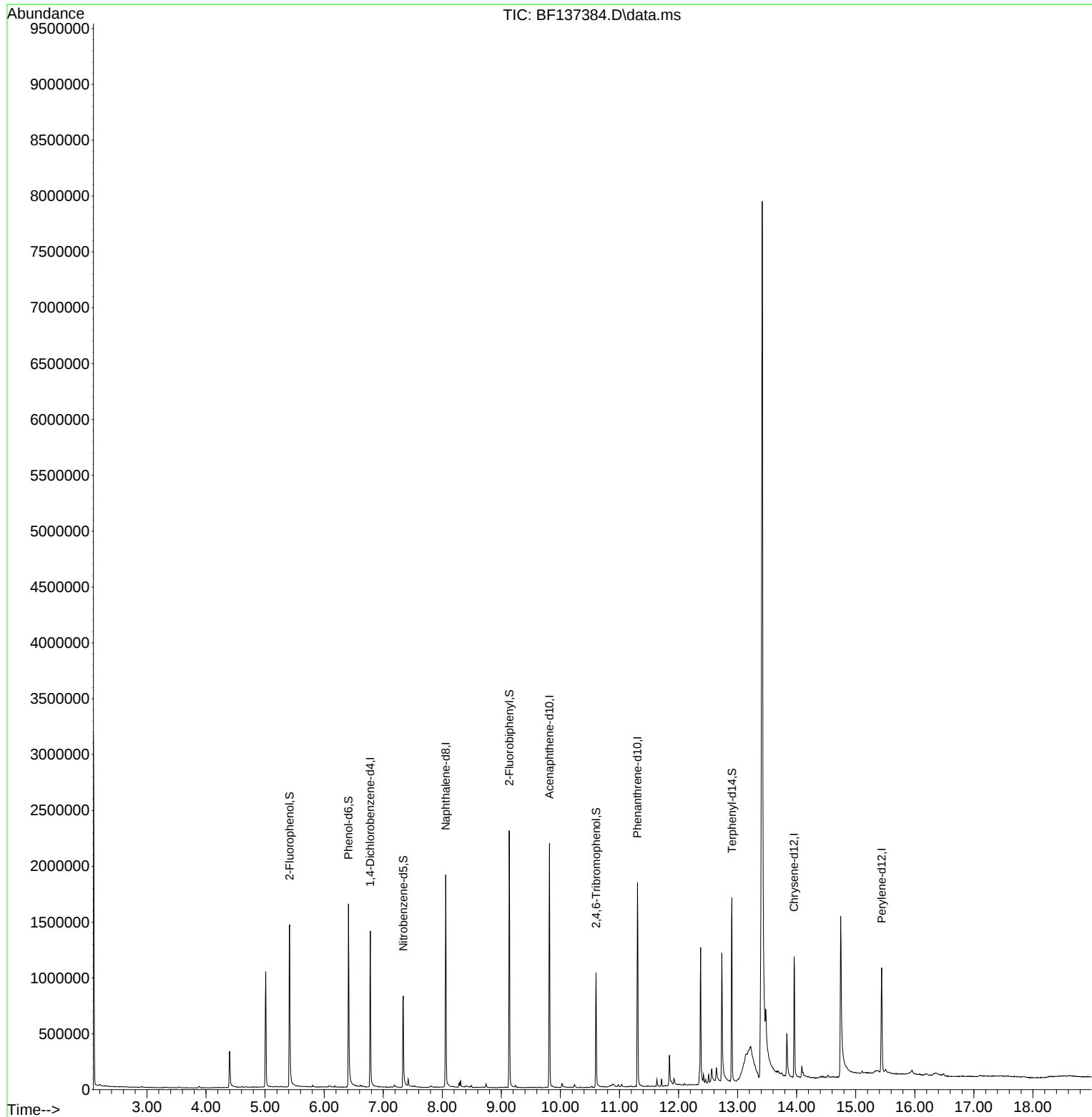
Target Compounds	Qvalue

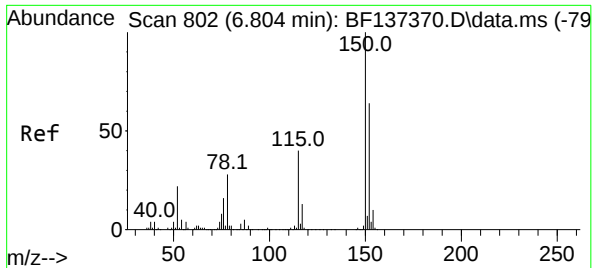
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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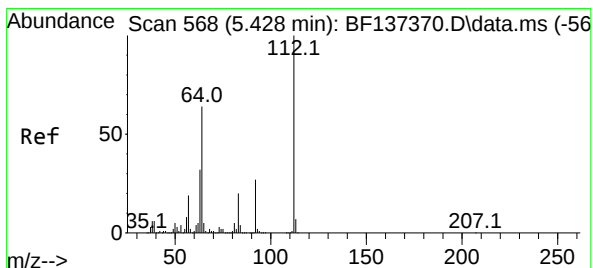
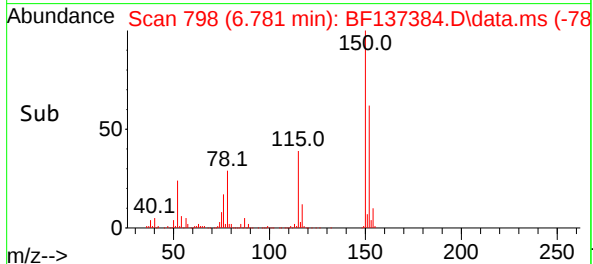
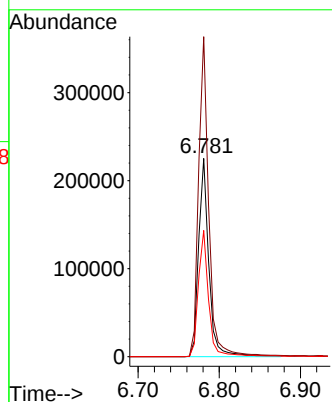
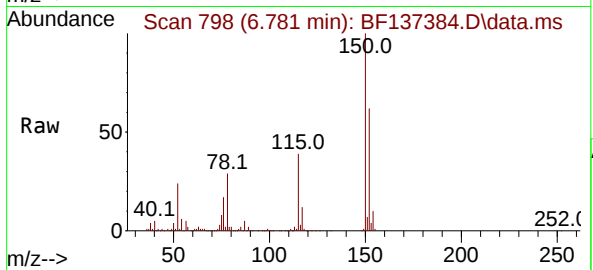




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.781 min Scan# 79
Delta R.T. -0.023 min
Lab File: BF137384.D
Acq: 26 Feb 2024 14:37

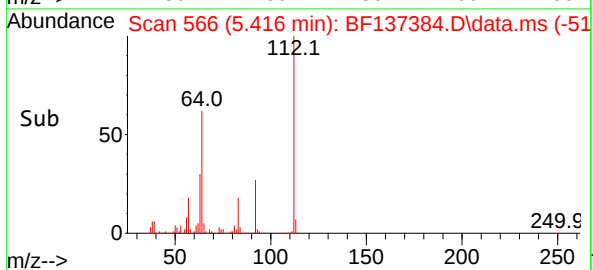
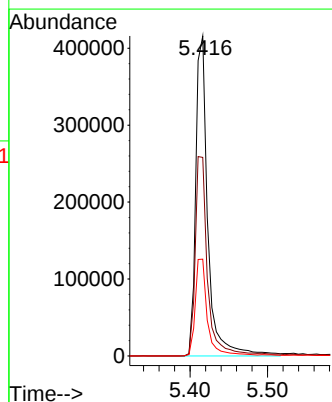
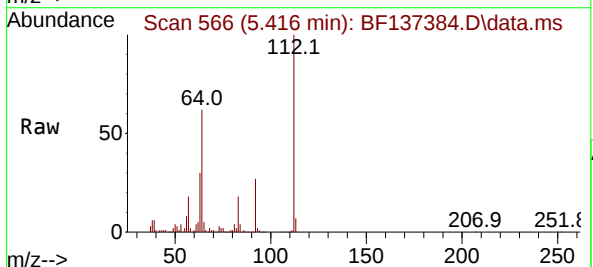
Instrument :
BNA_F
ClientSampleId :
20240762-39N-N-FIELD-BLANK-1RE

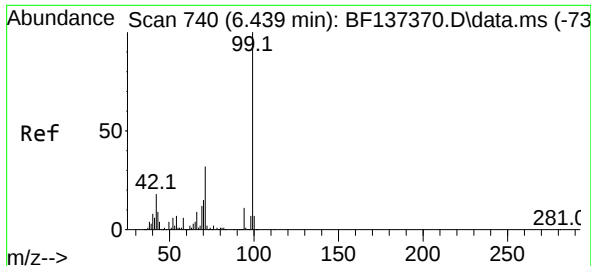
Tgt Ion:152 Resp: 199237
Ion Ratio Lower Upper
152 100
150 161.4 125.7 188.5
115 63.7 49.8 74.8



#5
2-Fluorophenol
Concen: 35.087 ng
RT: 5.416 min Scan# 566
Delta R.T. -0.012 min
Lab File: BF137384.D
Acq: 26 Feb 2024 14:37

Tgt Ion:112 Resp: 453051
Ion Ratio Lower Upper
112 100
64 62.0 51.0 76.6
63 30.2 25.7 38.5

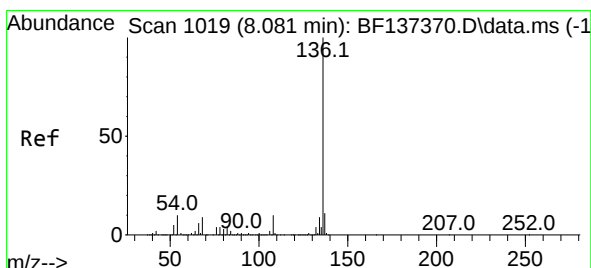
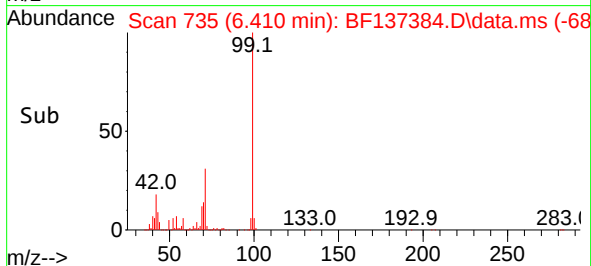
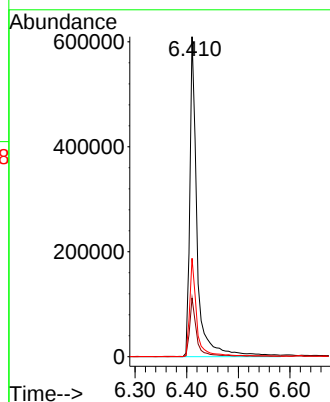
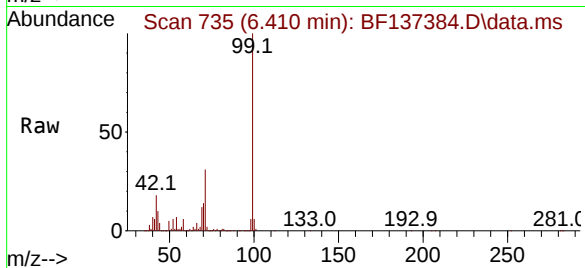




#7
Phenol-d6
Concen: 31.839 ng
RT: 6.410 min Scan# 71
Delta R.T. -0.029 min
Lab File: BF137384.D
Acq: 26 Feb 2024 14:37

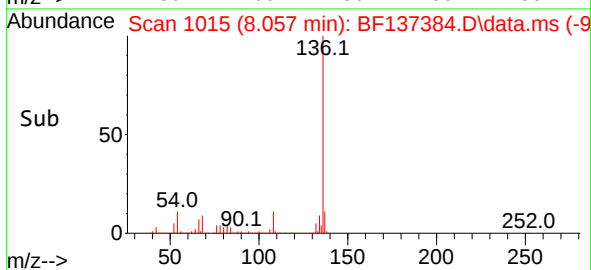
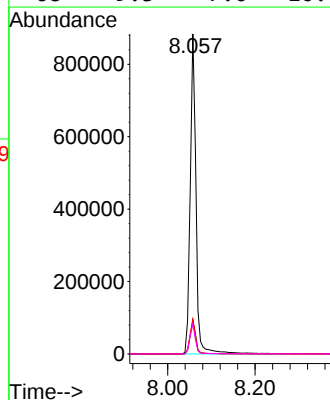
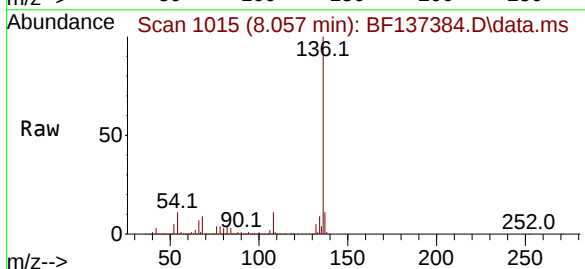
Instrument :
BNA_F
ClientSampleId :
20240762-39N-N-FIELD-BLANK-1RE

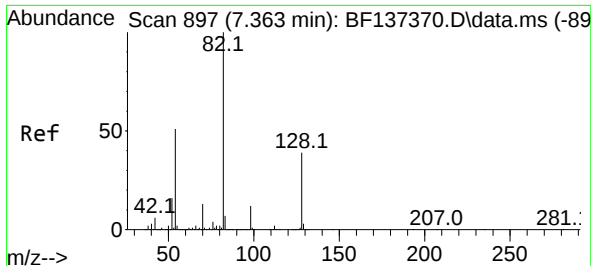
Tgt Ion: 99 Resp: 604755
Ion Ratio Lower Upper
99 100
42 18.4 14.2 21.4
71 30.8 25.2 37.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.057 min Scan# 1015
Delta R.T. -0.024 min
Lab File: BF137384.D
Acq: 26 Feb 2024 14:37

Tgt Ion:136 Resp: 811416
Ion Ratio Lower Upper
136 100
137 10.8 9.0 13.4
54 10.8 7.8 11.6
68 9.3 7.0 10.4





#23

Nitrobenzene-d5

Concen: 19.588 ng

RT: 7.340 min Scan# 89

Delta R.T. -0.023 min

Lab File: BF137384.D

Acq: 26 Feb 2024 14:37

Instrument :

BNA_F

ClientSampleId :

20240762-39N-N-FIELD-BLANK-1RE

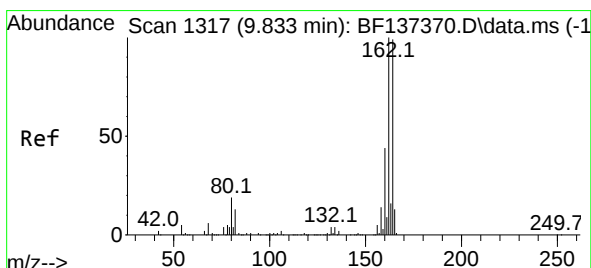
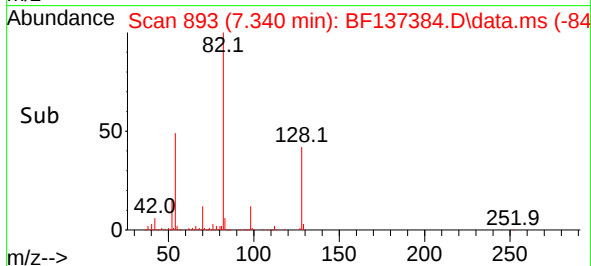
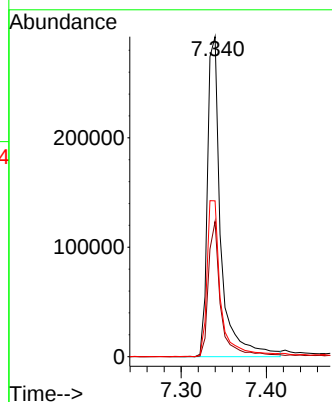
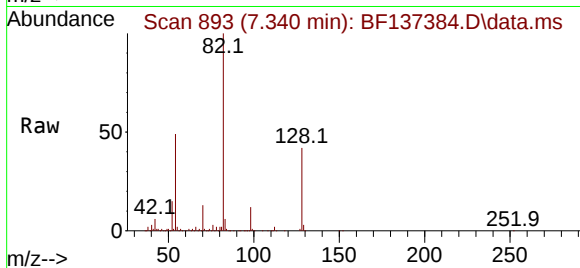
Tgt Ion: 82 Resp: 318361

Ion Ratio Lower Upper

82 100

128 42.2 30.8 46.2

54 48.7 40.8 61.2



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.816 min Scan# 1314

Delta R.T. -0.017 min

Lab File: BF137384.D

Acq: 26 Feb 2024 14:37

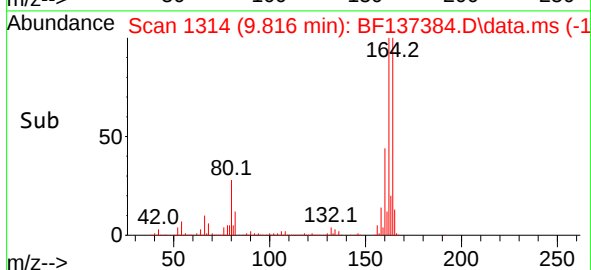
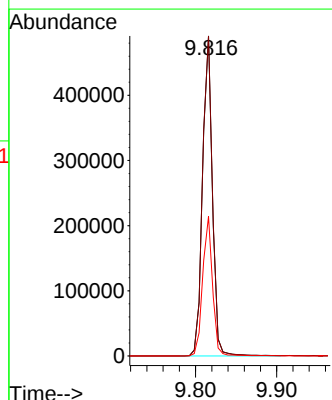
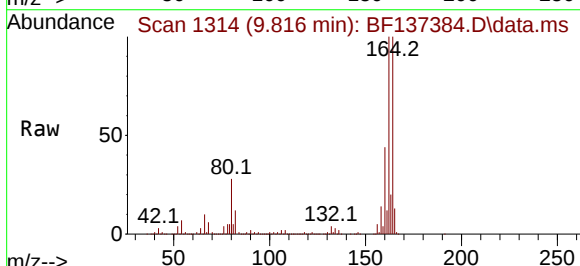
Tgt Ion:164 Resp: 414475

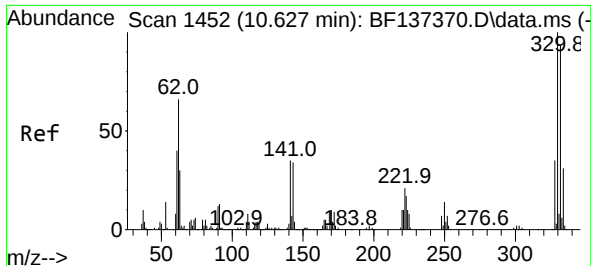
Ion Ratio Lower Upper

164 100

162 100.0 81.2 121.8

160 43.6 35.7 53.5





#42

2,4,6-Tribromophenol

Concen: 28.433 ng

RT: 10.604 min Scan# 1452

Delta R.T. -0.023 min

Lab File: BF137384.D

Acq: 26 Feb 2024 14:37

Instrument :

BNA_F

ClientSampleId :

20240762-39N-N-FIELD-BLANK-1RE

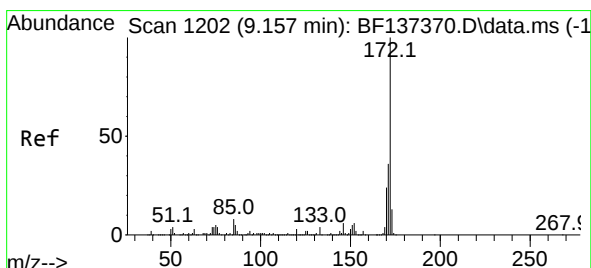
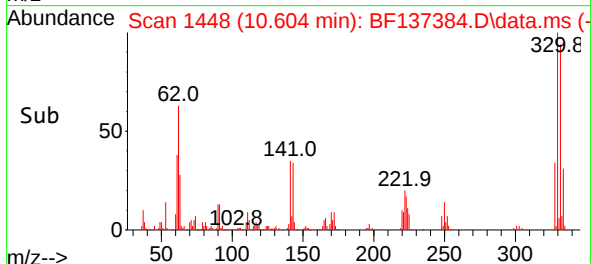
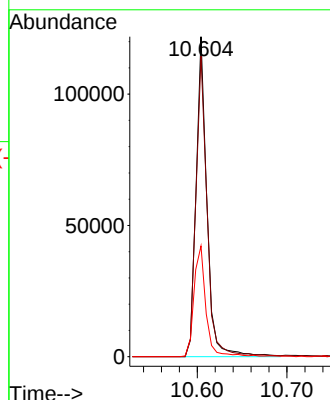
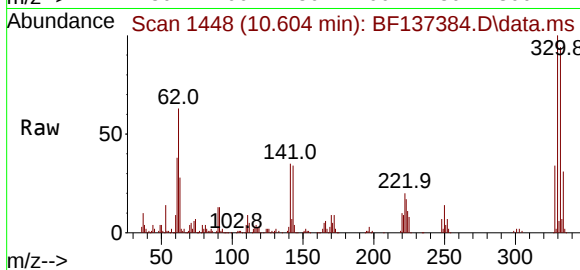
Tgt Ion:330 Resp: 102622

Ion Ratio Lower Upper

330 100

332 96.9 75.6 113.4

141 38.3 28.6 42.8



#45

2-Fluorobiphenyl

Concen: 25.407 ng

RT: 9.134 min Scan# 1198

Delta R.T. -0.023 min

Lab File: BF137384.D

Acq: 26 Feb 2024 14:37

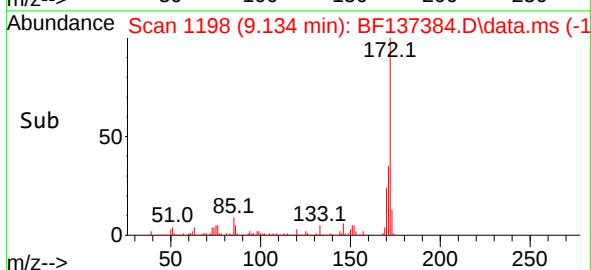
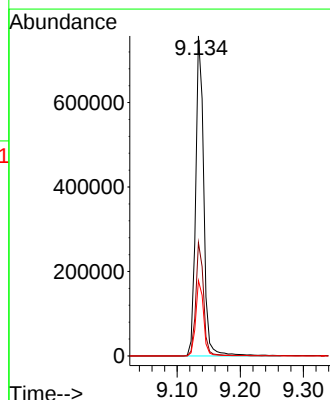
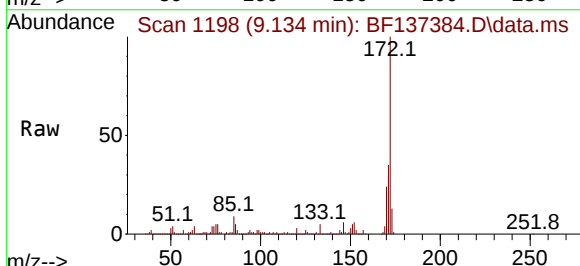
Tgt Ion:172 Resp: 676410

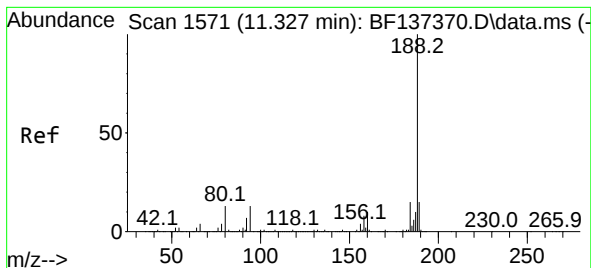
Ion Ratio Lower Upper

172 100

171 35.4 28.7 43.1

170 23.6 19.5 29.3





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.304 min Scan# 11

Delta R.T. -0.023 min

Lab File: BF137384.D

Acq: 26 Feb 2024 14:37

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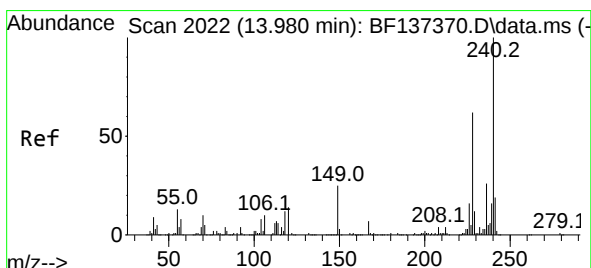
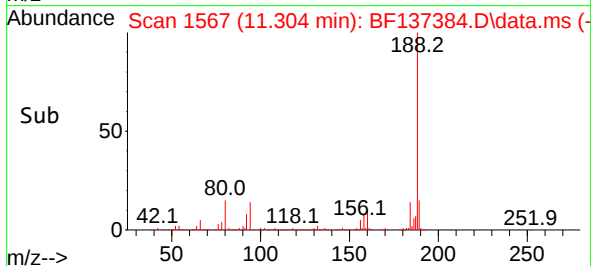
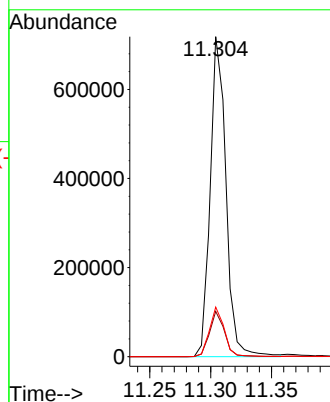
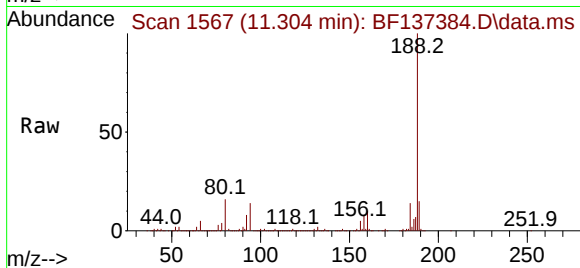
Tgt Ion:188 Resp: 645595

Ion Ratio Lower Upper

188 100

94 14.2 10.2 15.2

80 15.5 10.7 16.1



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.957 min Scan# 2018

Delta R.T. -0.023 min

Lab File: BF137384.D

Acq: 26 Feb 2024 14:37

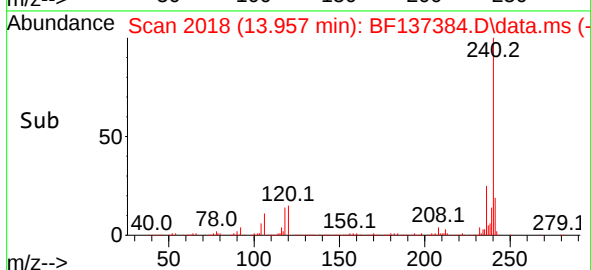
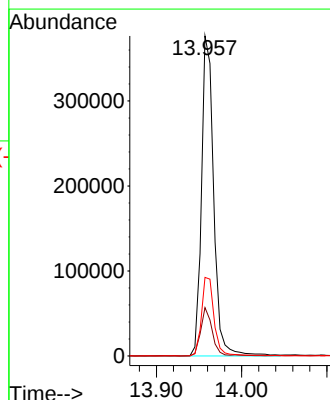
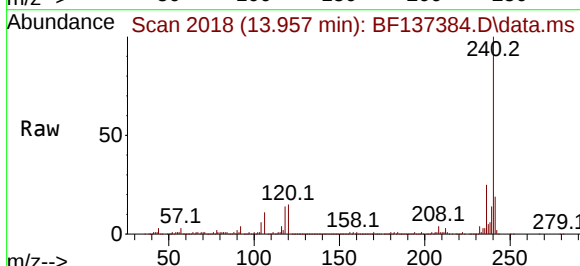
Tgt Ion:240 Resp: 375583

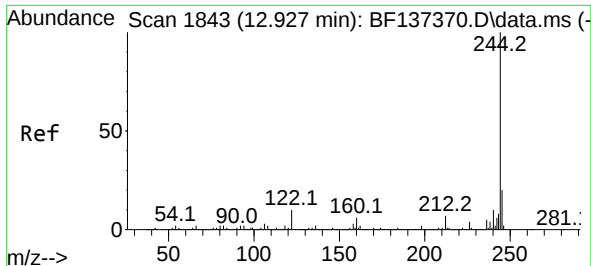
Ion Ratio Lower Upper

240 100

120 15.1 11.3 16.9

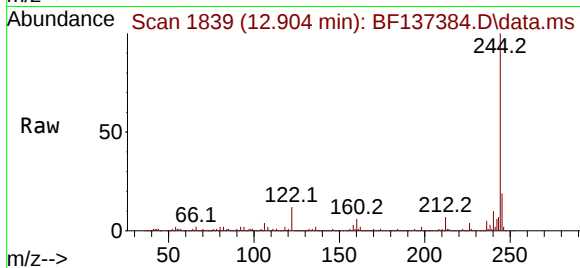
236 24.6 20.5 30.7



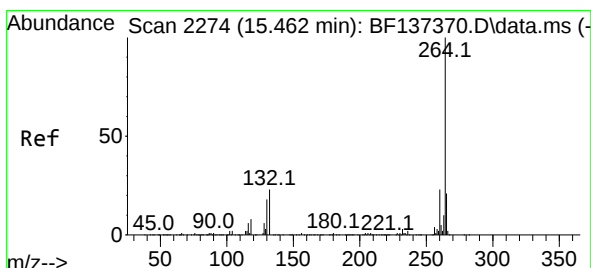
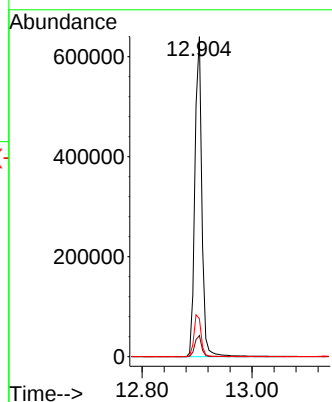
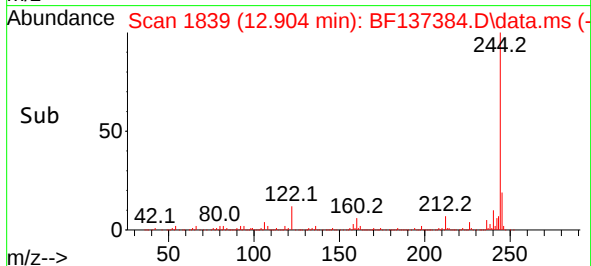


#79
 Terphenyl-d14
 Concen: 20.842 ng
 RT: 12.904 min Scan# 1839
 Delta R.T. -0.023 min
 Lab File: BF137384.D
 Acq: 26 Feb 2024 14:37

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Tgt Ion:244 Resp: 559659
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.3 7.9
 122 11.9 8.2 12.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.439 min Scan# 2270
 Delta R.T. -0.023 min
 Lab File: BF137384.D
 Acq: 26 Feb 2024 14:37

Tgt Ion:264 Resp: 399936
 Ion Ratio Lower Upper
 264 100
 260 23.2 18.5 27.7
 265 21.5 16.9 25.3

