

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022724\
Data File : BF137407.D
Acq On : 27 Feb 2024 16:16
Operator : CG\JU
Sample : P1524-08
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
20240768-AMENDED-COMP-39N-N-3-03

Quant Time: Feb 27 16:42:42 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	220396	20.000	ng	-0.02
21) Naphthalene-d8	8.063	136	854640	20.000	ng	-0.02
39) Acenaphthene-d10	9.816	164	439215	20.000	ng	-0.02
64) Phenanthrene-d10	11.310	188	654876	20.000	ng	-0.02
76) Chrysene-d12	13.963	240	437178	20.000	ng	-0.02
86) Perylene-d12	15.445	264	452112	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.410	112	772589	54.090	ng	-0.02
7) Phenol-d6	6.416	99	616090	29.322	ng	-0.02
23) Nitrobenzene-d5	7.345	82	1474263	86.120	ng	-0.02
42) 2,4,6-Tribromophenol	10.610	330	444627	116.251	ng	-0.02
45) 2-Fluorobiphenyl	9.139	172	2306196	81.746	ng	-0.02
79) Terphenyl-d14	12.910	244	2078443	66.497	ng	-0.02

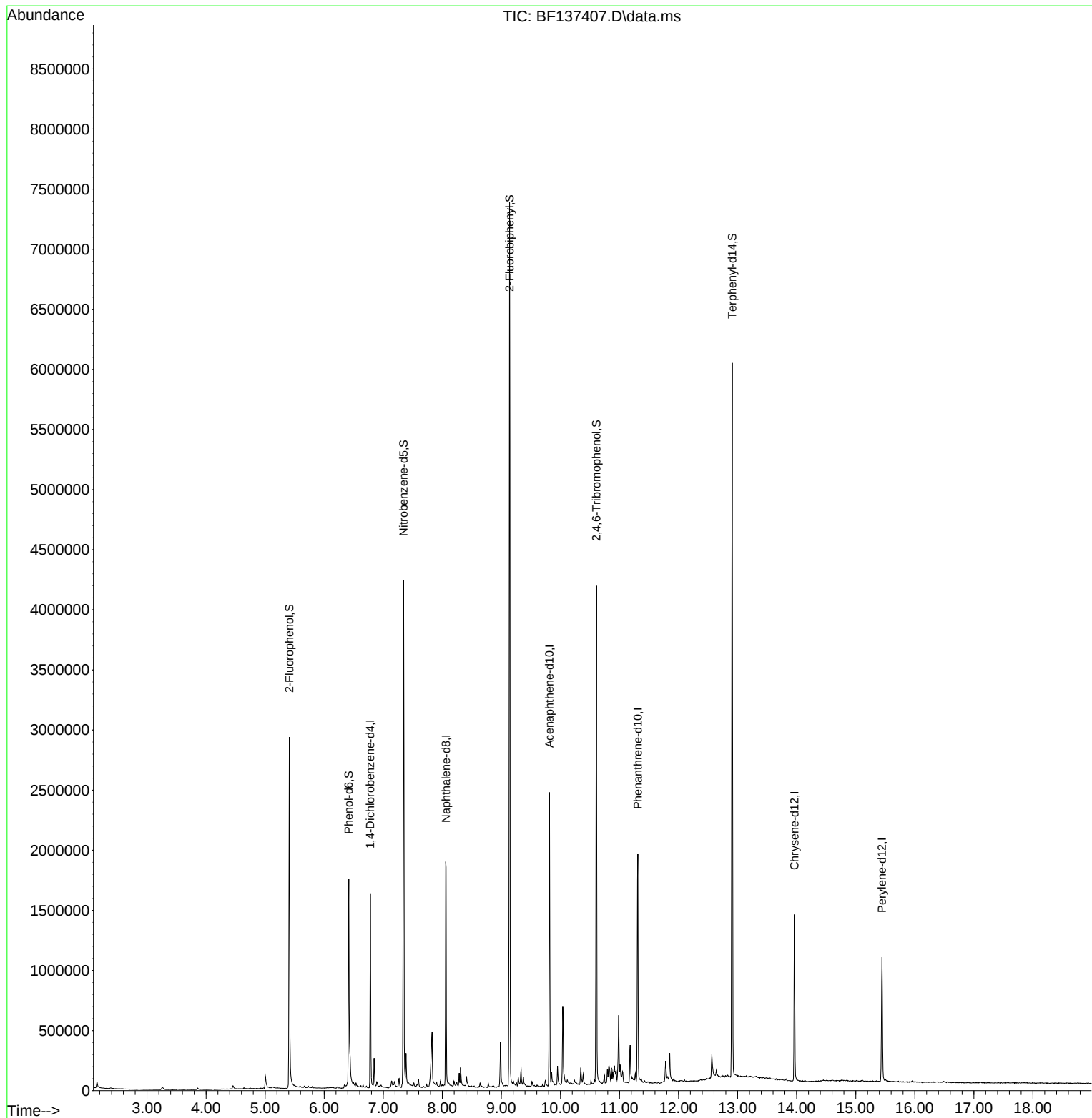
Target Compounds	Qvalue

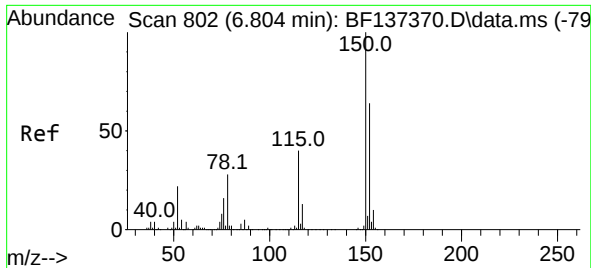
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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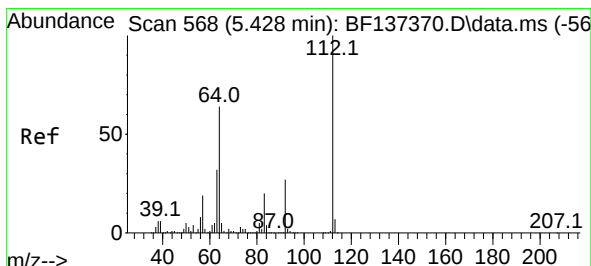
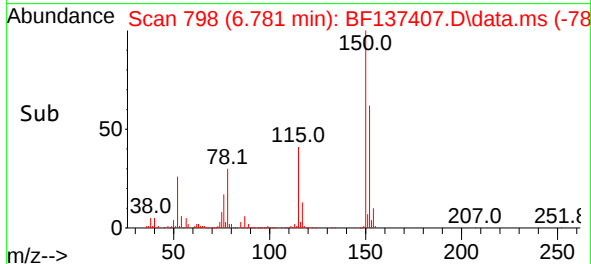
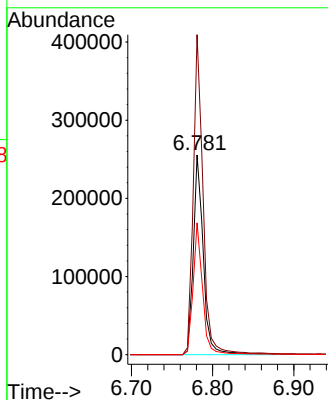
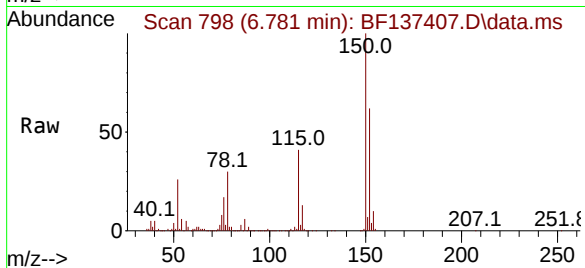




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.781 min Scan# 79
Delta R.T. -0.023 min
Lab File: BF137407.D
Acq: 27 Feb 2024 16:16

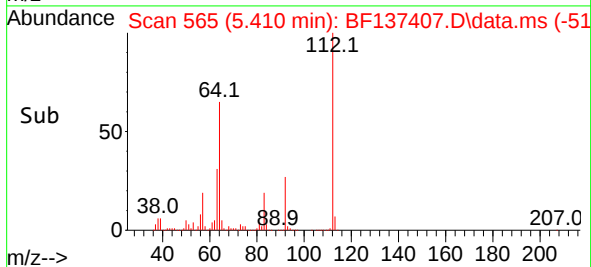
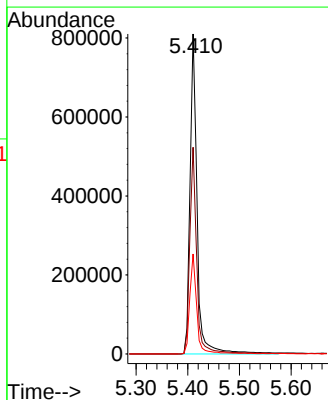
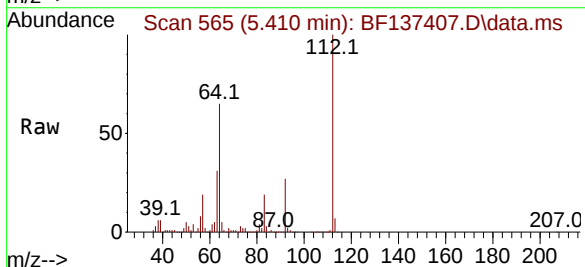
Instrument :
BNA_F
ClientSampleId :
20240768-AMENDED-COMP-39N-N-3-03

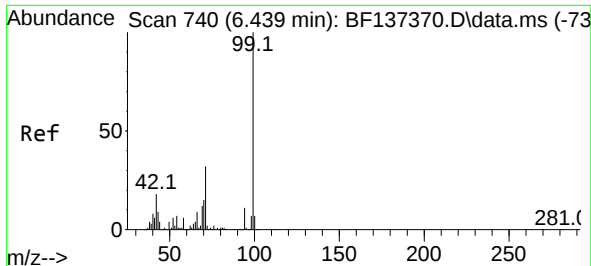
Tgt Ion:152 Resp: 220396
Ion Ratio Lower Upper
152 100
150 160.2 125.7 188.5
115 66.0 49.8 74.8



#5
2-Fluorophenol
Concen: 54.090 ng
RT: 5.410 min Scan# 565
Delta R.T. -0.018 min
Lab File: BF137407.D
Acq: 27 Feb 2024 16:16

Tgt Ion:112 Resp: 772589
Ion Ratio Lower Upper
112 100
64 64.6 51.0 76.6
63 31.3 25.7 38.5

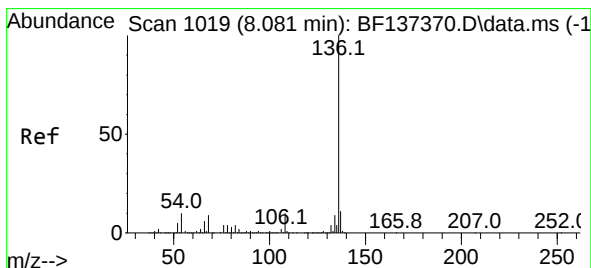
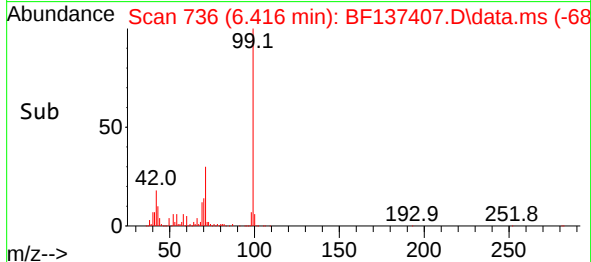
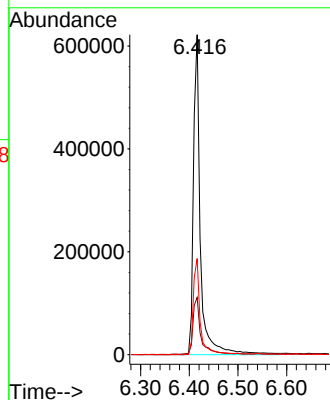
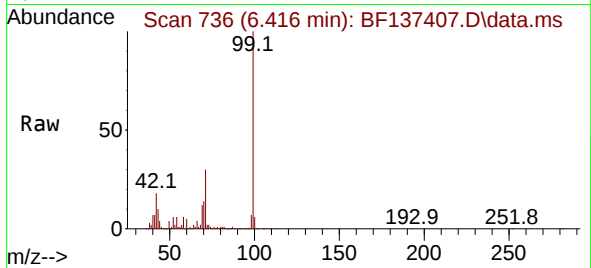




#7
Phenol-d6
Concen: 29.322 ng
RT: 6.416 min Scan# 71
Delta R.T. -0.023 min
Lab File: BF137407.D
Acq: 27 Feb 2024 16:16

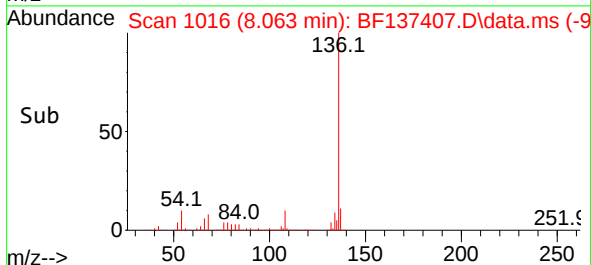
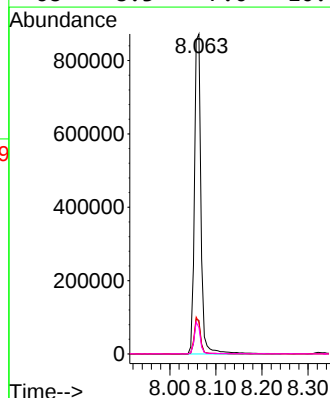
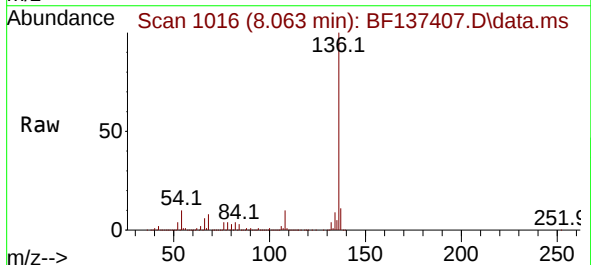
Instrument :
BNA_F
ClientSampleId :
20240768-AMENDED-COMP-39N-N-3-03

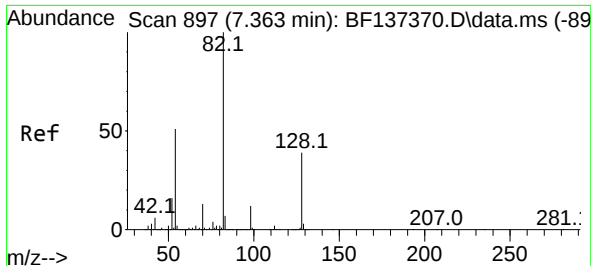
Tgt Ion: 99 Resp: 616090
Ion Ratio Lower Upper
99 100
42 17.9 14.2 21.4
71 30.1 25.2 37.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.063 min Scan# 1016
Delta R.T. -0.018 min
Lab File: BF137407.D
Acq: 27 Feb 2024 16:16

Tgt Ion:136 Resp: 854640
Ion Ratio Lower Upper
136 100
137 10.5 9.0 13.4
54 9.9 7.8 11.6
68 8.3 7.0 10.4





#23

Nitrobenzene-d5

Concen: 86.120 ng

RT: 7.345 min Scan# 89

Delta R.T. -0.018 min

Lab File: BF137407.D

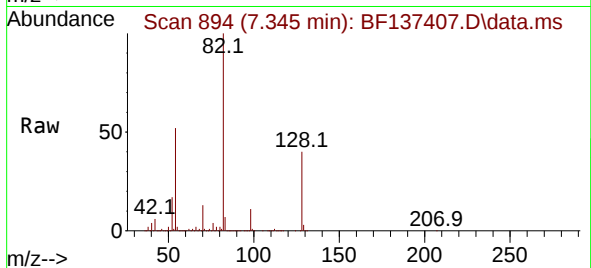
Acq: 27 Feb 2024 16:16

Instrument :

BNA_F

ClientSampleId :

20240768-AMENDED-COMP-39N-N-3-03



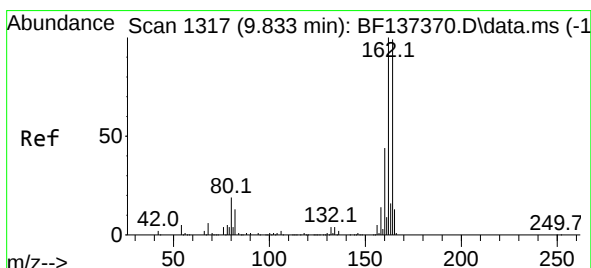
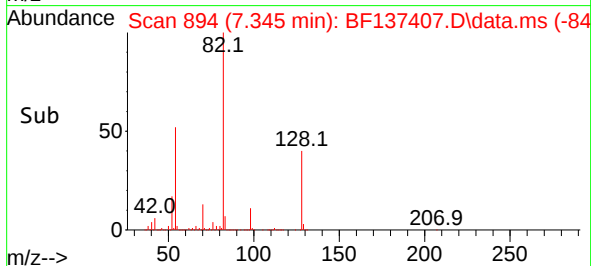
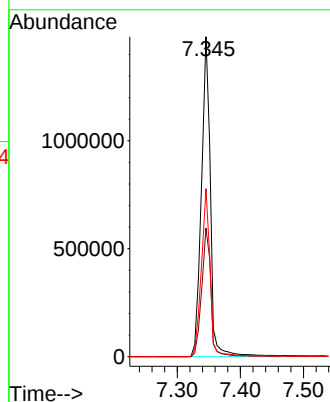
Tgt Ion: 82 Resp: 1474263

Ion Ratio Lower Upper

82 100

128 40.2 30.8 46.2

54 52.5 40.8 61.2



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.816 min Scan# 1314

Delta R.T. -0.018 min

Lab File: BF137407.D

Acq: 27 Feb 2024 16:16

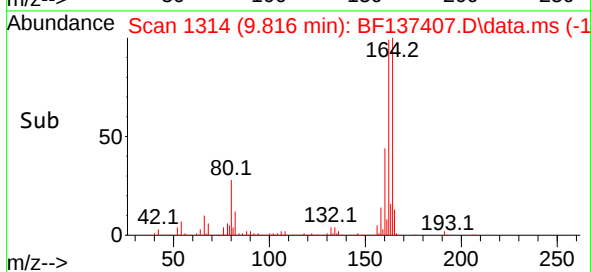
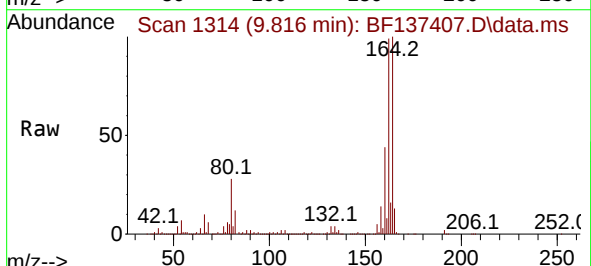
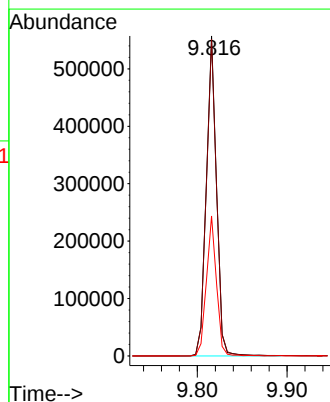
Tgt Ion:164 Resp: 439215

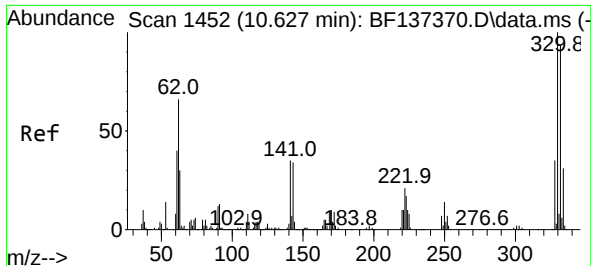
Ion Ratio Lower Upper

164 100

162 98.9 81.2 121.8

160 43.7 35.7 53.5





#42

2,4,6-Tribromophenol

Concen: 116.251 ng

RT: 10.610 min Scan# 1449

Delta R.T. -0.018 min

Lab File: BF137407.D

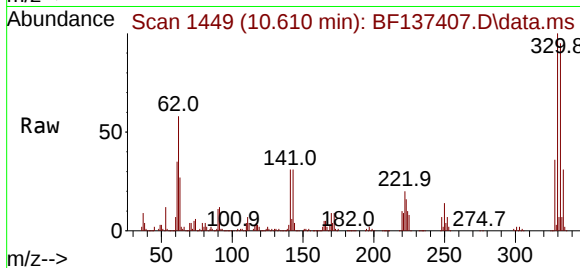
Acq: 27 Feb 2024 16:16

Instrument :

BNA_F

ClientSampleId :

20240768-AMENDED-COMP-39N-N-3-03



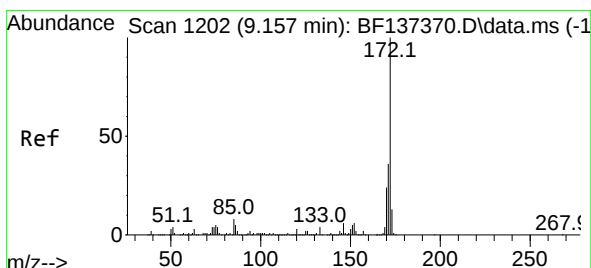
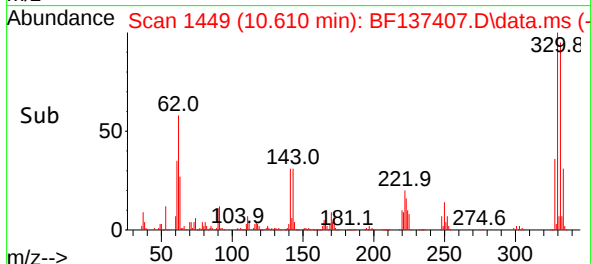
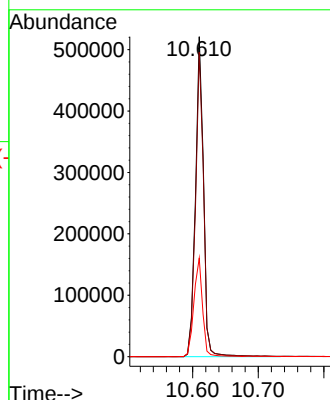
Tgt Ion:330 Resp: 444627

Ion Ratio Lower Upper

330 100

332 94.8 75.6 113.4

141 33.1 28.6 42.8



#45

2-Fluorobiphenyl

Concen: 81.746 ng

RT: 9.139 min Scan# 1199

Delta R.T. -0.018 min

Lab File: BF137407.D

Acq: 27 Feb 2024 16:16

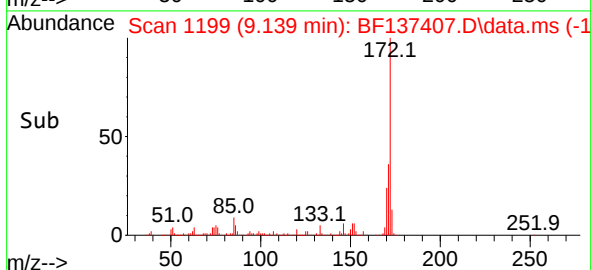
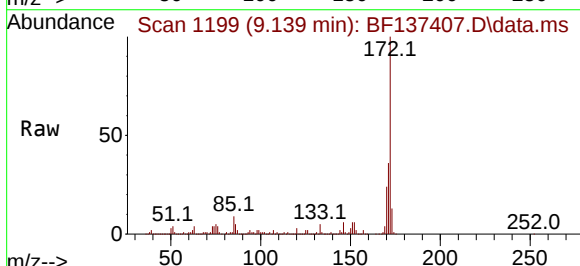
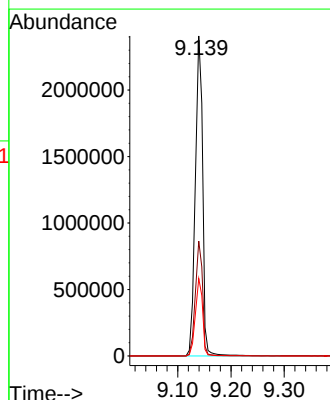
Tgt Ion:172 Resp: 2306196

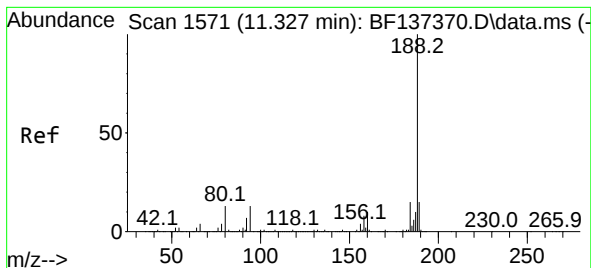
Ion Ratio Lower Upper

172 100

171 35.9 28.7 43.1

170 24.2 19.5 29.3





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.310 min Scan# 1

Delta R.T. -0.018 min

Lab File: BF137407.D

Acq: 27 Feb 2024 16:16

Instrument :

BNA_F

ClientSampleId :

20240768-AMENDED-COMP-39N-N-3-03

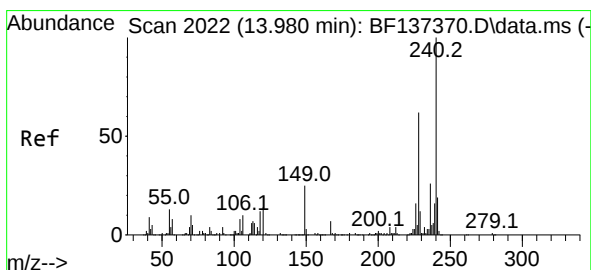
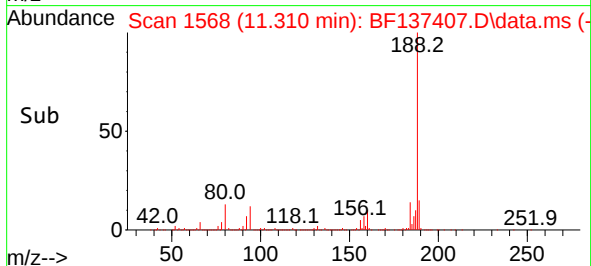
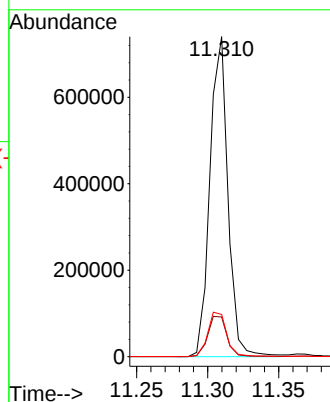
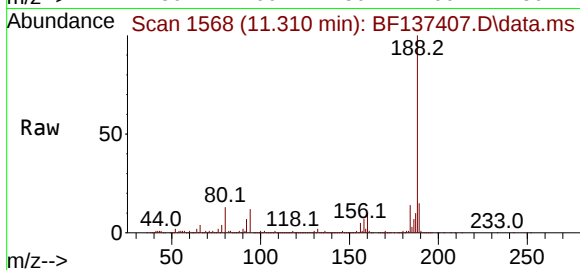
Tgt Ion:188 Resp: 654876

Ion Ratio Lower Upper

188 100

94 12.4 10.2 15.2

80 13.2 10.7 16.1



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.963 min Scan# 2019

Delta R.T. -0.018 min

Lab File: BF137407.D

Acq: 27 Feb 2024 16:16

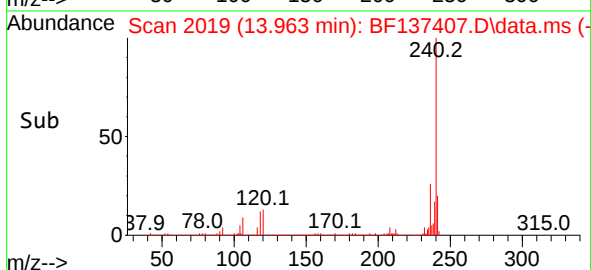
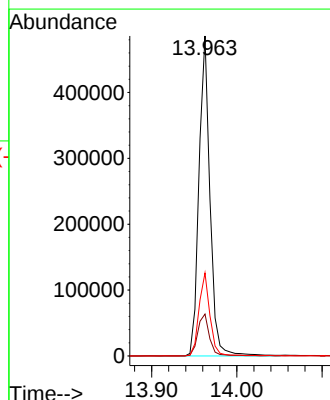
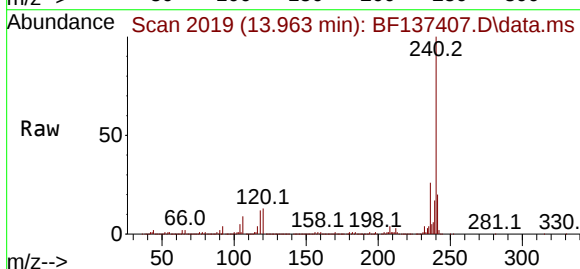
Tgt Ion:240 Resp: 437178

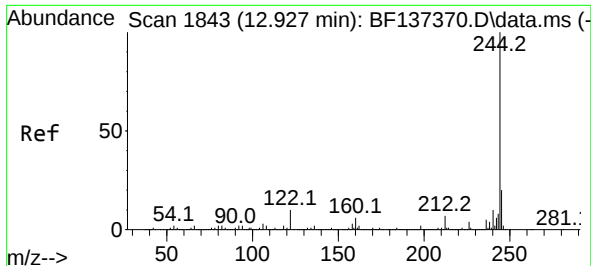
Ion Ratio Lower Upper

240 100

120 13.1 11.3 16.9

236 26.0 20.5 30.7

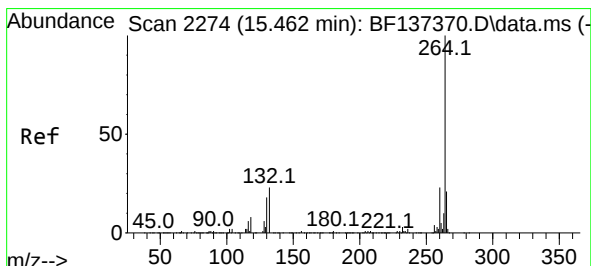
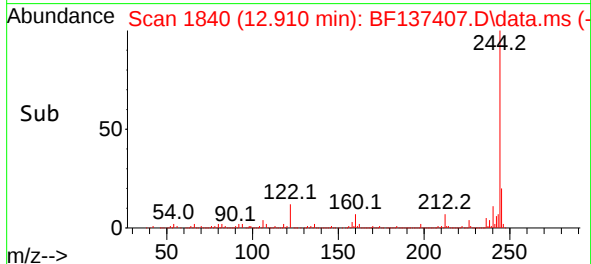
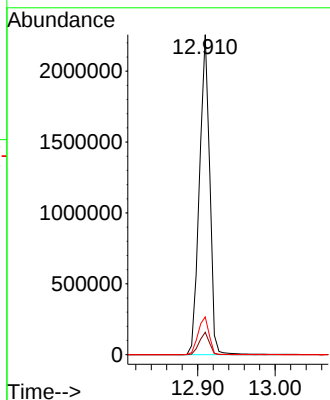
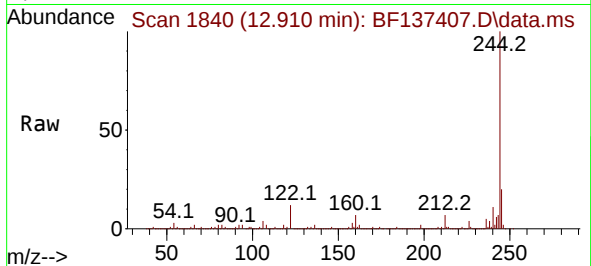




#79
 Terphenyl-d14
 Concen: 66.497 ng
 RT: 12.910 min Scan# 1840
 Delta R.T. -0.018 min
 Lab File: BF137407.D
 Acq: 27 Feb 2024 16:16

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Tgt Ion:244 Resp: 2078443
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.3 7.9
 122 11.8 8.2 12.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.445 min Scan# 2271
 Delta R.T. -0.018 min
 Lab File: BF137407.D
 Acq: 27 Feb 2024 16:16

Tgt Ion:264 Resp: 452112
 Ion Ratio Lower Upper
 264 100
 260 23.9 18.5 27.7
 265 21.4 16.9 25.3

