

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022824\
 Data File : BF137432.D
 Acq On : 28 Feb 2024 19:50
 Operator : CG\JU
 Sample : P1523-08
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

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

Quant Time: Feb 29 03:15:25 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)

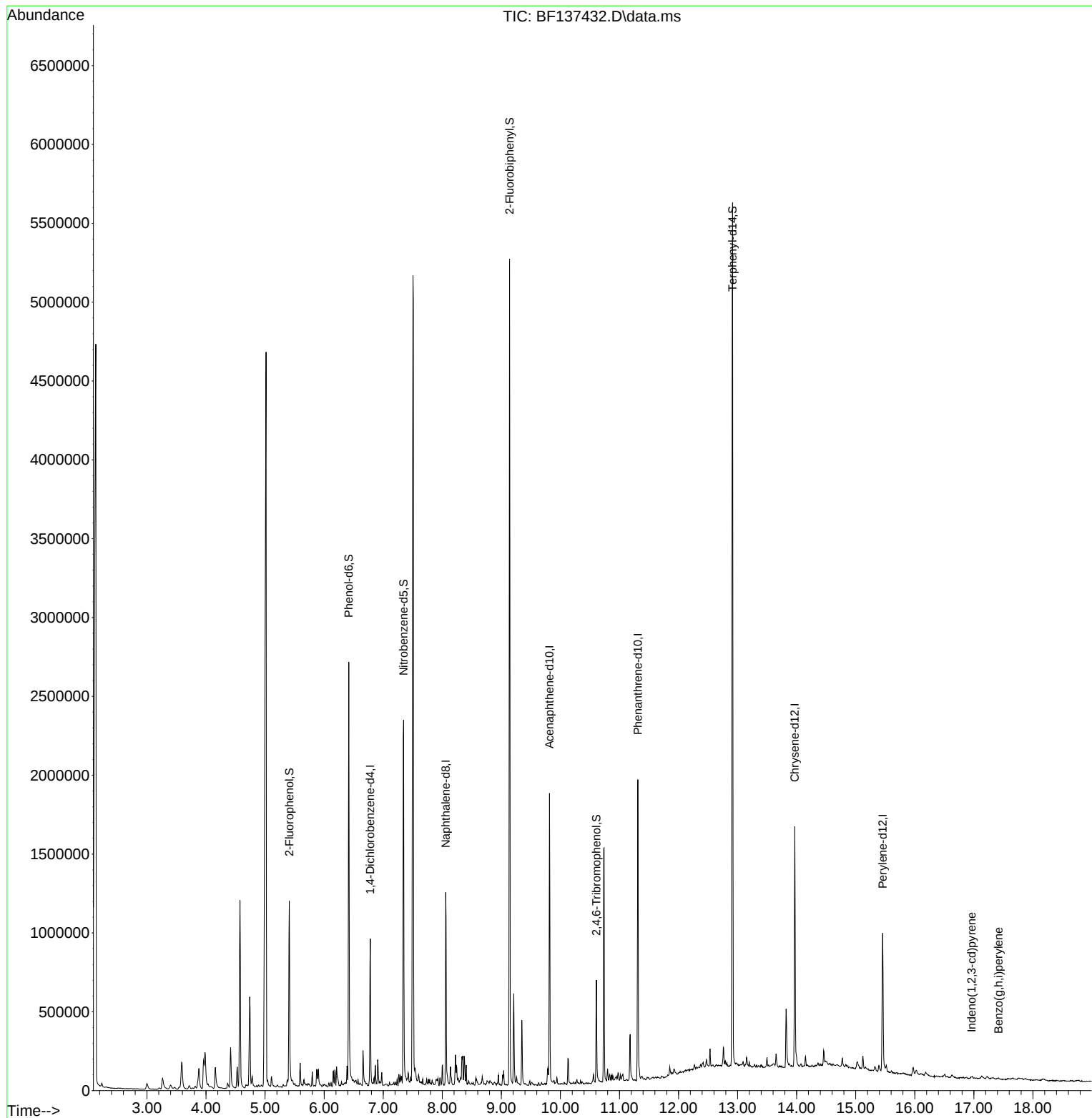
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	130067	20.000	ng	-0.02
21) Naphthalene-d8	8.057	136	540395	20.000	ng	-0.02
39) Acenaphthene-d10	9.816	164	336602	20.000	ng	-0.02
64) Phenanthrene-d10	11.310	188	663045	20.000	ng	-0.02
76) Chrysene-d12	13.969	240	479184	20.000	ng	-0.01
86) Perylene-d12	15.457	264	414322	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.410	112	371426	44.064	ng	-0.02
7) Phenol-d6	6.416	99	914543	73.755	ng	-0.02
23) Nitrobenzene-d5	7.345	82	846800	78.232	ng	-0.02
42) 2,4,6-Tribromophenol	10.610	330	69689	23.775	ng	-0.02
45) 2-Fluorobiphenyl	9.139	172	1477832	68.352	ng	-0.02
79) Terphenyl-d14	12.916	244	1999460	58.362	ng	-0.01
Target Compounds						
87) Indeno(1,2,3-cd)pyrene	16.962	276	8159	2.144	ng	Qvalue # 89
92) Benzo(g,h,i)perylene	17.415	276	9495	2.443	ng	98

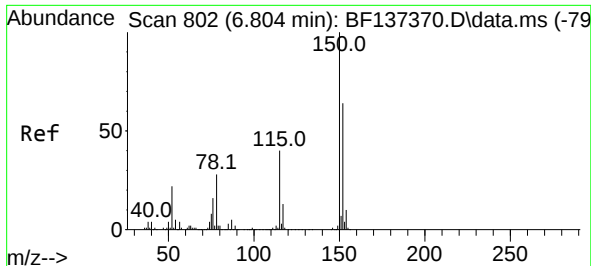
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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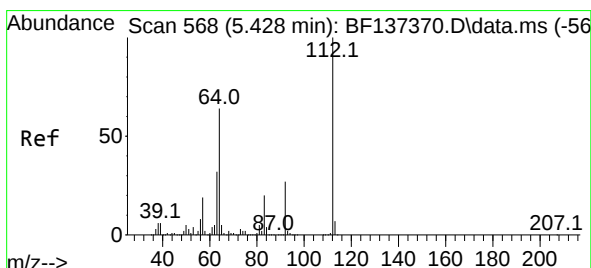
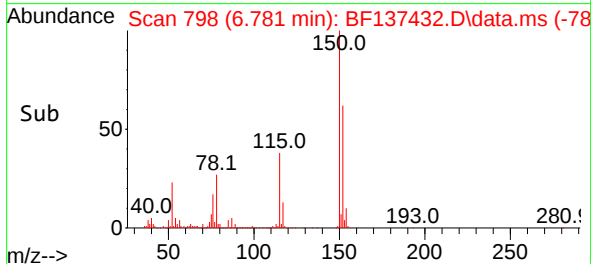
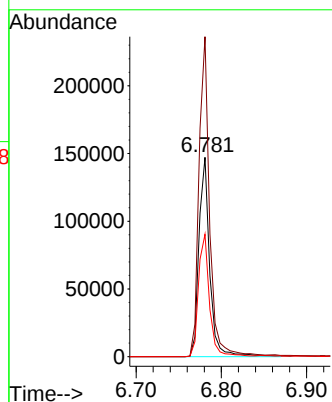
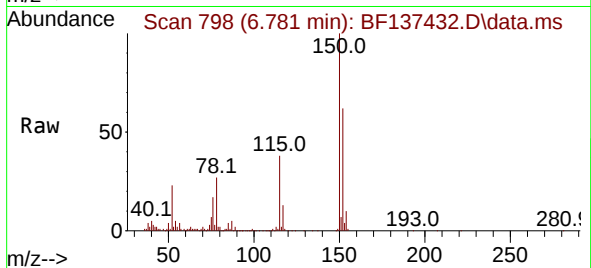




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.781 min Scan# 79
Delta R.T. -0.023 min
Lab File: BF137432.D
Acq: 28 Feb 2024 19:50

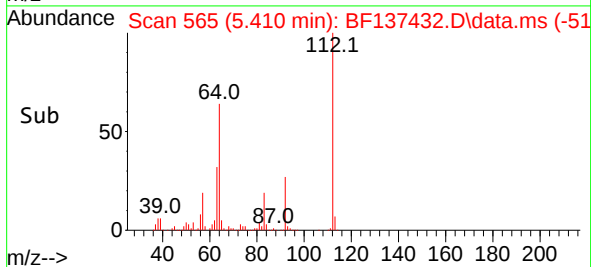
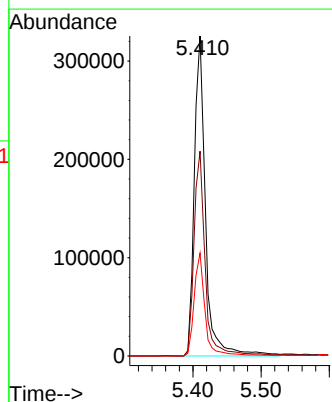
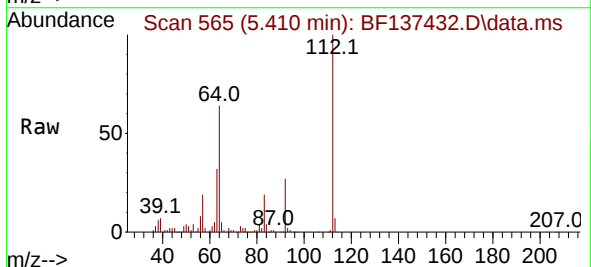
Instrument :
BNA_F
ClientSampleId :
20240768-AMENDED-COMP-39N-N-3-03

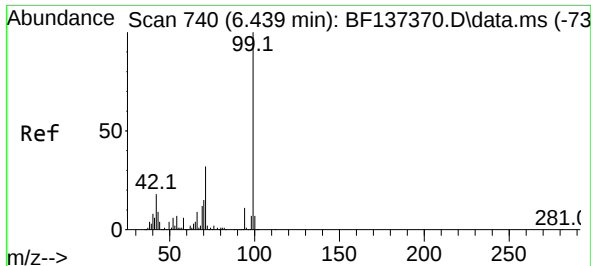
Tgt Ion:152 Resp: 130067
Ion Ratio Lower Upper
152 100
150 160.5 125.7 188.5
115 61.4 49.8 74.8



#5
2-Fluorophenol
Concen: 44.064 ng
RT: 5.410 min Scan# 565
Delta R.T. -0.018 min
Lab File: BF137432.D
Acq: 28 Feb 2024 19:50

Tgt Ion:112 Resp: 371426
Ion Ratio Lower Upper
112 100
64 64.0 51.0 76.6
63 32.2 25.7 38.5

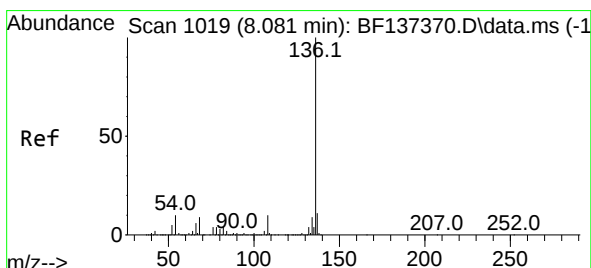
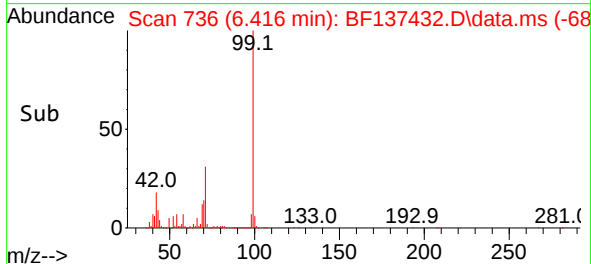
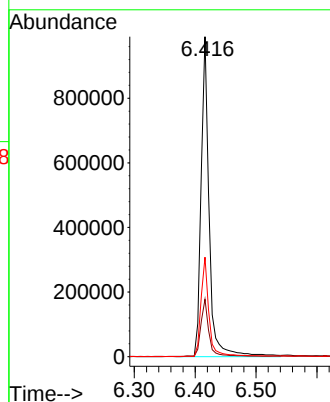
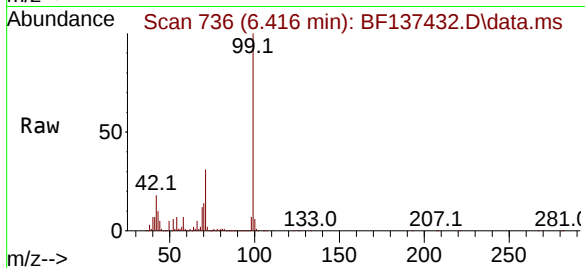




#7
Phenol-d6
Concen: 73.755 ng
RT: 6.416 min Scan# 71
Delta R.T. -0.023 min
Lab File: BF137432.D
Acq: 28 Feb 2024 19:50

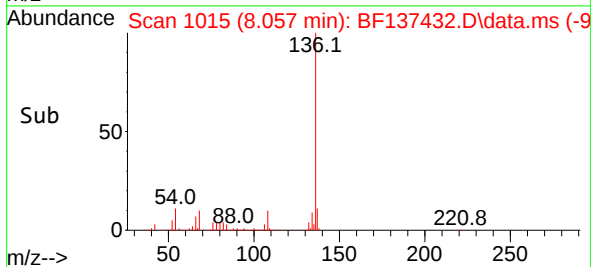
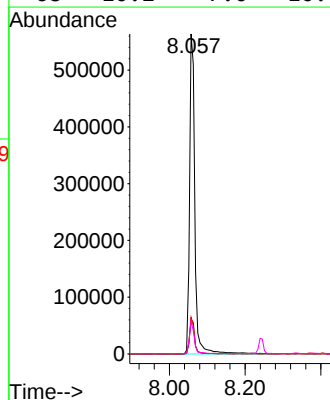
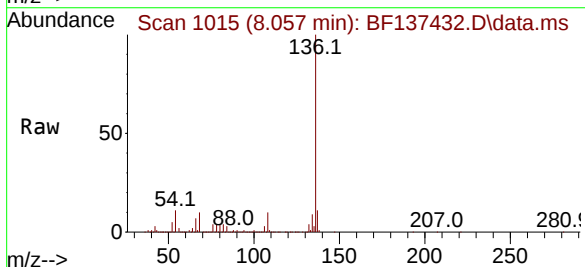
Instrument :
BNA_F
ClientSampleId :
20240768-AMENDED-COMP-39N-N-3-03

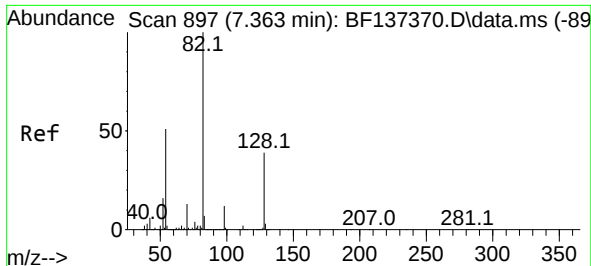
Tgt Ion: 99 Resp: 914543
Ion Ratio Lower Upper
99 100
42 17.9 14.2 21.4
71 31.1 25.2 37.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.057 min Scan# 1015
Delta R.T. -0.024 min
Lab File: BF137432.D
Acq: 28 Feb 2024 19:50

Tgt Ion:136 Resp: 540395
Ion Ratio Lower Upper
136 100
137 11.1 9.0 13.4
54 11.5 7.8 11.6
68 10.2 7.0 10.4





#23

Nitrobenzene-d5

Concen: 78.232 ng

RT: 7.345 min Scan# 89

Delta R.T. -0.018 min

Lab File: BF137432.D

Acq: 28 Feb 2024 19:50

Instrument :

BNA_F

ClientSampleId :

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

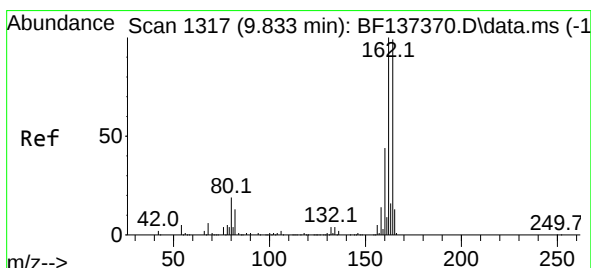
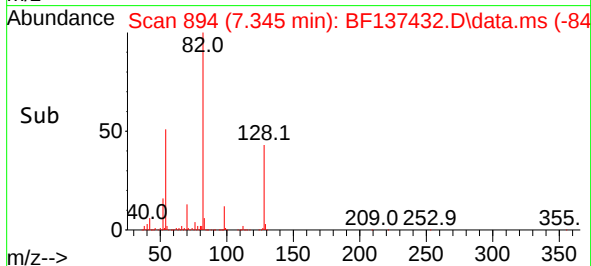
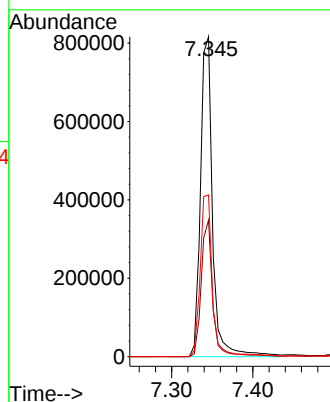
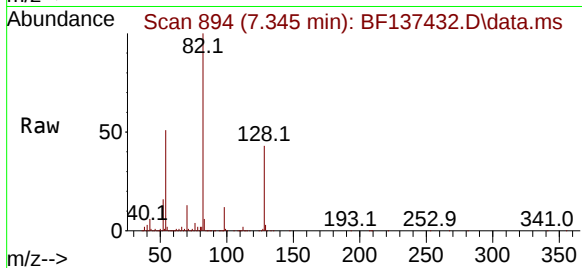
Tgt Ion: 82 Resp: 846800

Ion Ratio Lower Upper

82 100

128 42.6 30.8 46.2

54 50.6 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: BF137432.D

Acq: 28 Feb 2024 19:50

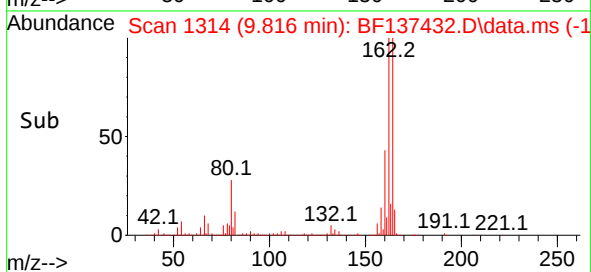
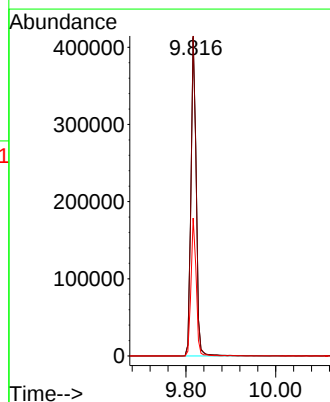
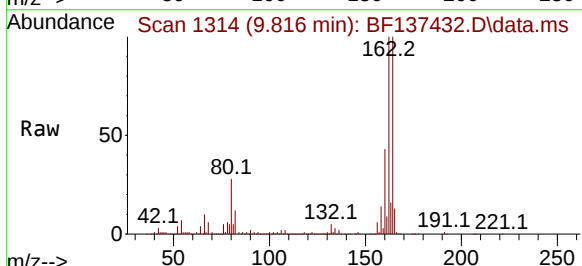
Tgt Ion:164 Resp: 336602

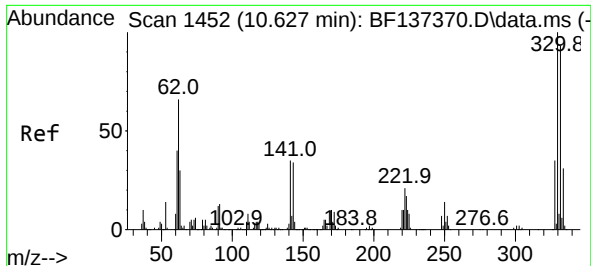
Ion Ratio Lower Upper

164 100

162 100.4 81.2 121.8

160 43.3 35.7 53.5





#42

2,4,6-Tribromophenol

Concen: 23.775 ng

RT: 10.610 min Scan# 1449

Delta R.T. -0.018 min

Lab File: BF137432.D

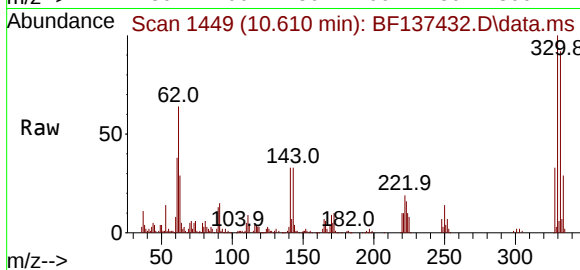
Acq: 28 Feb 2024 19:50

Instrument :

BNA_F

ClientSampleId :

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



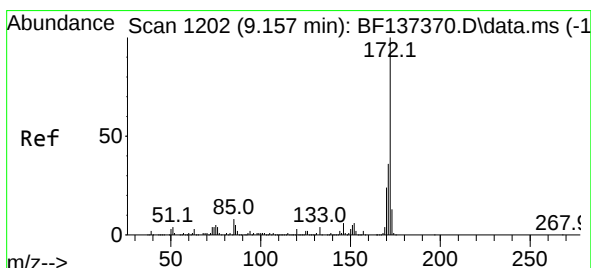
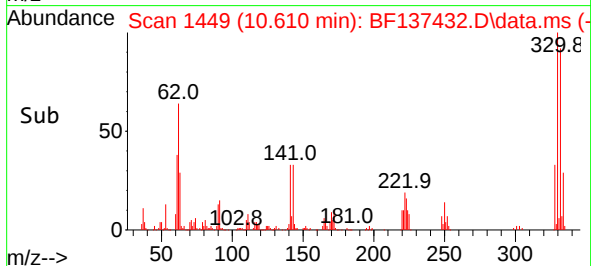
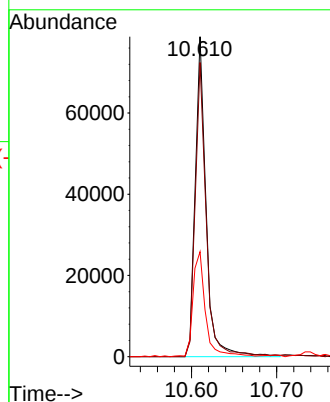
Tgt Ion:330 Resp: 69689

Ion Ratio Lower Upper

330 100

332 93.0 75.6 113.4

141 37.7 28.6 42.8



#45

2-Fluorobiphenyl

Concen: 68.352 ng

RT: 9.139 min Scan# 1199

Delta R.T. -0.018 min

Lab File: BF137432.D

Acq: 28 Feb 2024 19:50

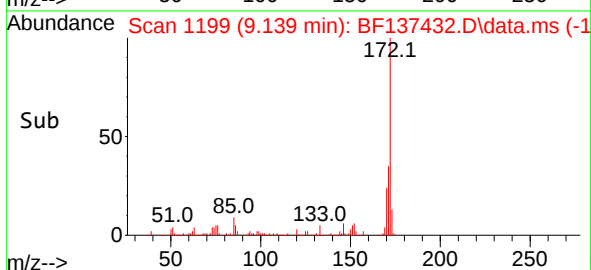
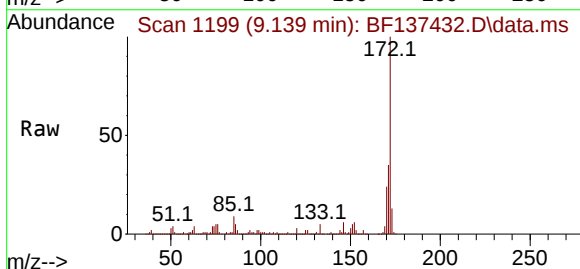
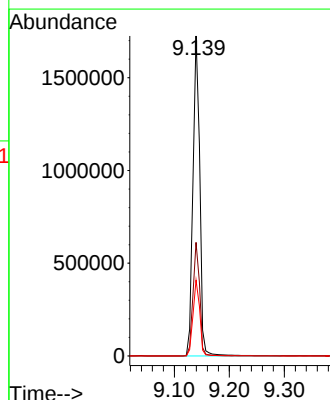
Tgt Ion:172 Resp: 1477832

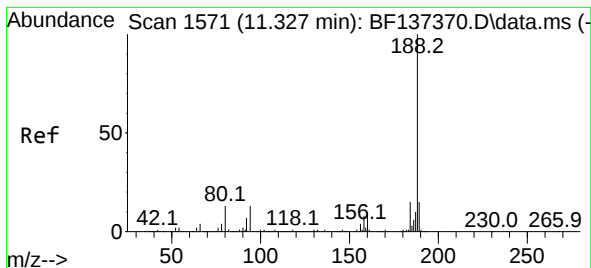
Ion Ratio Lower Upper

172 100

171 35.5 28.7 43.1

170 23.7 19.5 29.3





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.310 min Scan# 11

Delta R.T. -0.018 min

Lab File: BF137432.D

Acq: 28 Feb 2024 19:50

Instrument :

BNA_F

ClientSampleId :

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

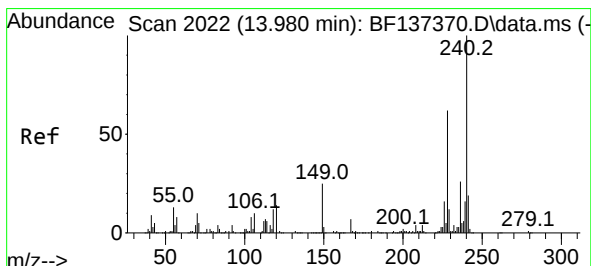
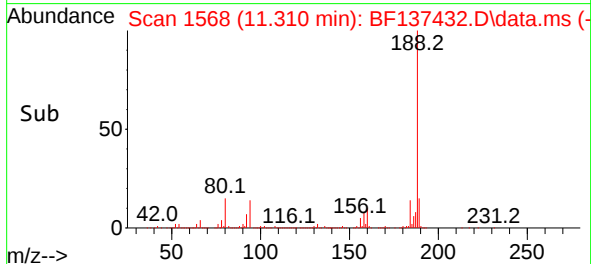
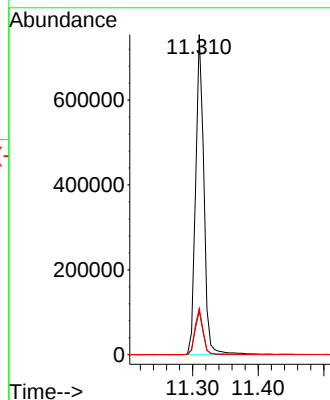
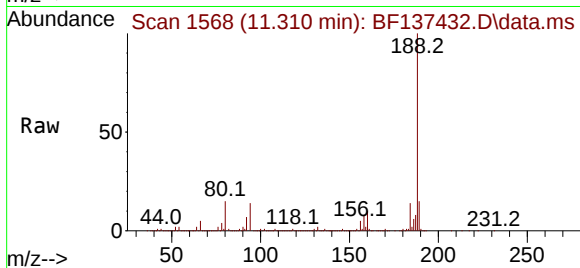
Tgt Ion:188 Resp: 663045

Ion Ratio Lower Upper

188 100

94 13.7 10.2 15.2

80 14.6 10.7 16.1



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.969 min Scan# 2020

Delta R.T. -0.012 min

Lab File: BF137432.D

Acq: 28 Feb 2024 19:50

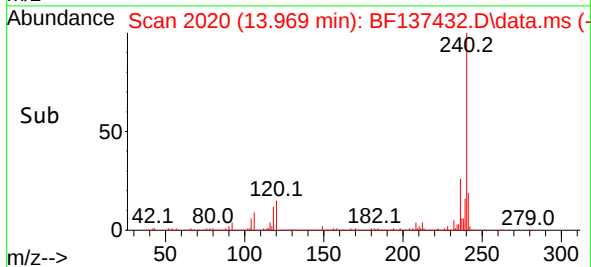
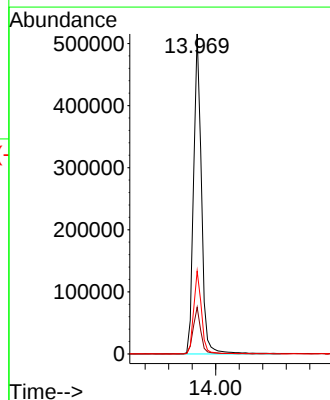
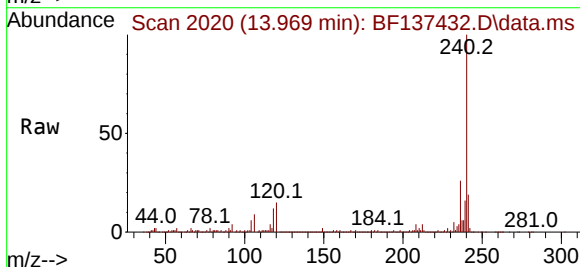
Tgt Ion:240 Resp: 479184

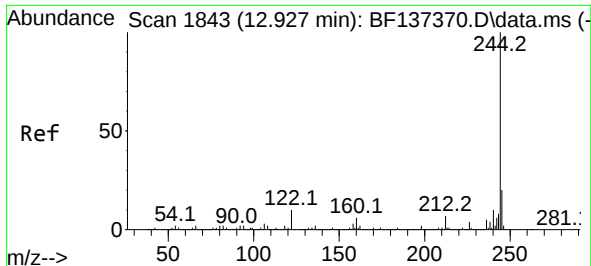
Ion Ratio Lower Upper

240 100

120 14.6 11.3 16.9

236 25.9 20.5 30.7

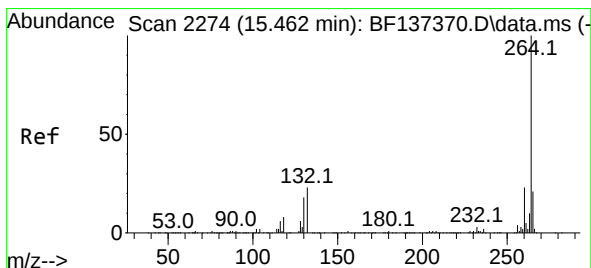
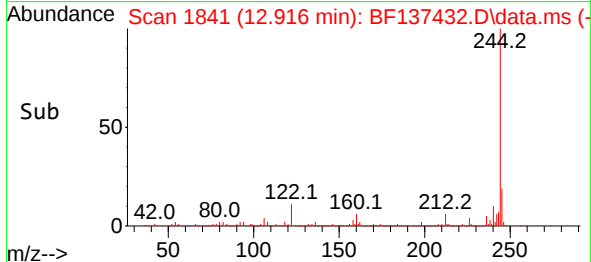
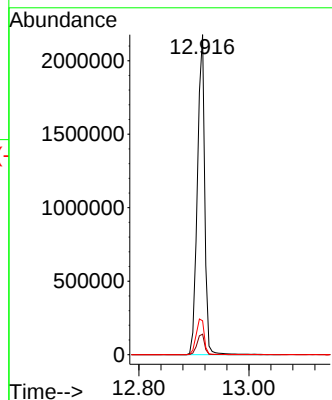
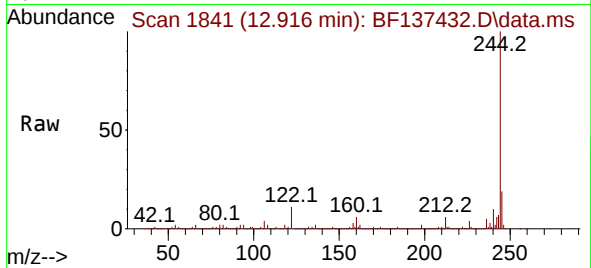




#79
 Terphenyl-d14
 Concen: 58.362 ng
 RT: 12.916 min Scan# 1841
 Delta R.T. -0.012 min
 Lab File: BF137432.D
 Acq: 28 Feb 2024 19:50

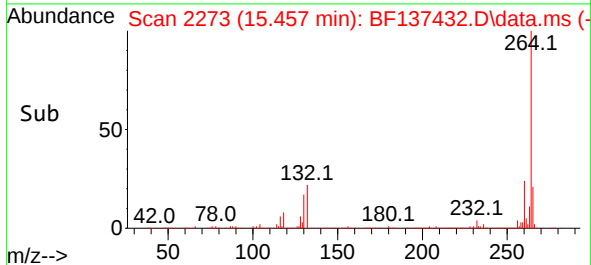
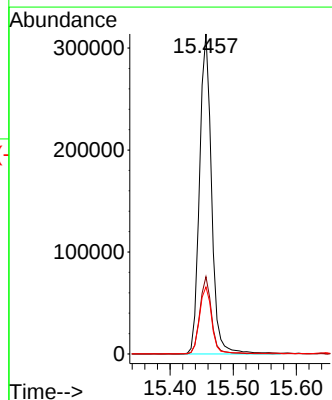
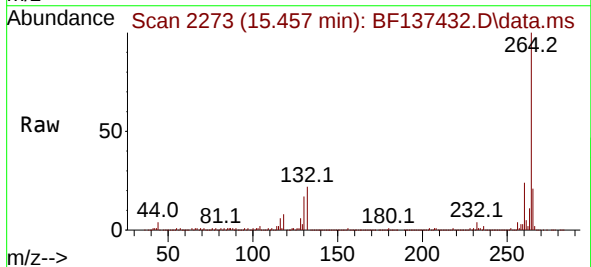
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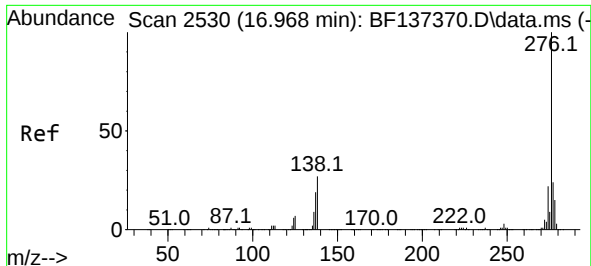
Tgt Ion:244 Resp: 1999460
 Ion Ratio Lower Upper
 244 100
 212 6.4 5.3 7.9
 122 10.6 8.2 12.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.457 min Scan# 2273
 Delta R.T. -0.006 min
 Lab File: BF137432.D
 Acq: 28 Feb 2024 19:50

Tgt Ion:264 Resp: 414322
 Ion Ratio Lower Upper
 264 100
 260 24.2 18.5 27.7
 265 21.0 16.9 25.3

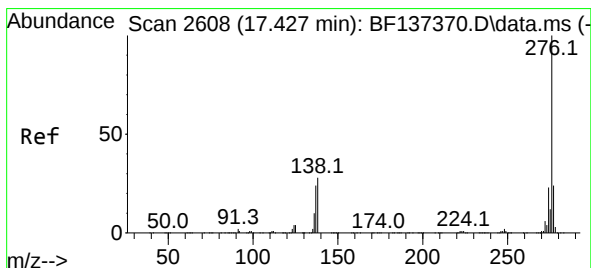
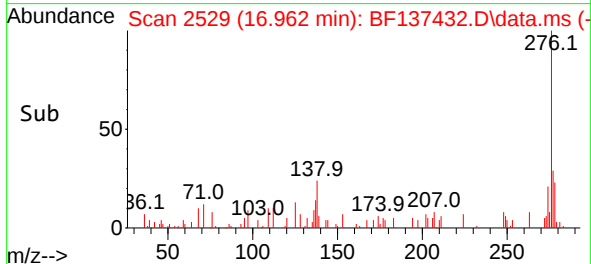
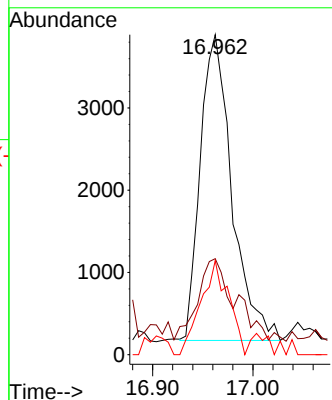
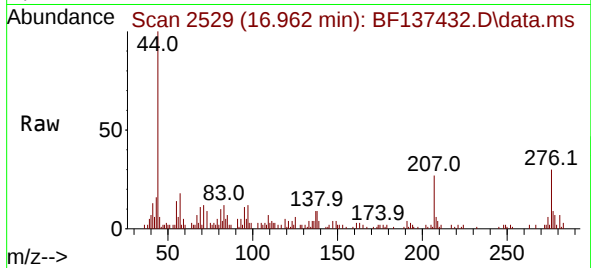




#87
Indeno(1,2,3-cd)pyrene
Concen: 2.144 ng
RT: 16.962 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF137432.D
Acq: 28 Feb 2024 19:50

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

Tgt Ion:276 Resp: 8159
Ion Ratio Lower Upper
276 100
138 40.6 25.8 38.8#
277 27.0 19.6 29.4



#92
Benzo(g,h,i)perylene
Concen: 2.443 ng
RT: 17.415 min Scan# 2606
Delta R.T. -0.012 min
Lab File: BF137432.D
Acq: 28 Feb 2024 19:50

Tgt Ion:276 Resp: 9495
Ion Ratio Lower Upper
276 100
277 24.4 19.0 28.4
138 29.7 22.6 33.8

