

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022724\
 Data File : BF137405.D
 Acq On : 27 Feb 2024 15:17
 Operator : CG\JU
 Sample : P1524-06
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 20240766-AMENDED-COMP-39N-N-3-01

Quant Time: Feb 27 16:08:24 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	222820	20.000	ng	-0.02
21) Naphthalene-d8	8.057	136	850033	20.000	ng	-0.02
39) Acenaphthene-d10	9.816	164	440769	20.000	ng	-0.02
64) Phenanthrene-d10	11.310	188	650873	20.000	ng	-0.02
76) Chrysene-d12	13.963	240	429788	20.000	ng	-0.02
86) Perylene-d12	15.445	264	463865	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.410	112	842021	58.310	ng	-0.02
7) Phenol-d6	6.416	99	670680	31.573	ng	-0.02
23) Nitrobenzene-d5	7.345	82	1579486	92.767	ng	-0.02
42) 2,4,6-Tribromophenol	10.610	330	474165	123.537	ng	-0.02
45) 2-Fluorobiphenyl	9.139	172	2467104	87.141	ng	-0.02
79) Terphenyl-d14	12.910	244	1930435	62.823	ng	-0.02

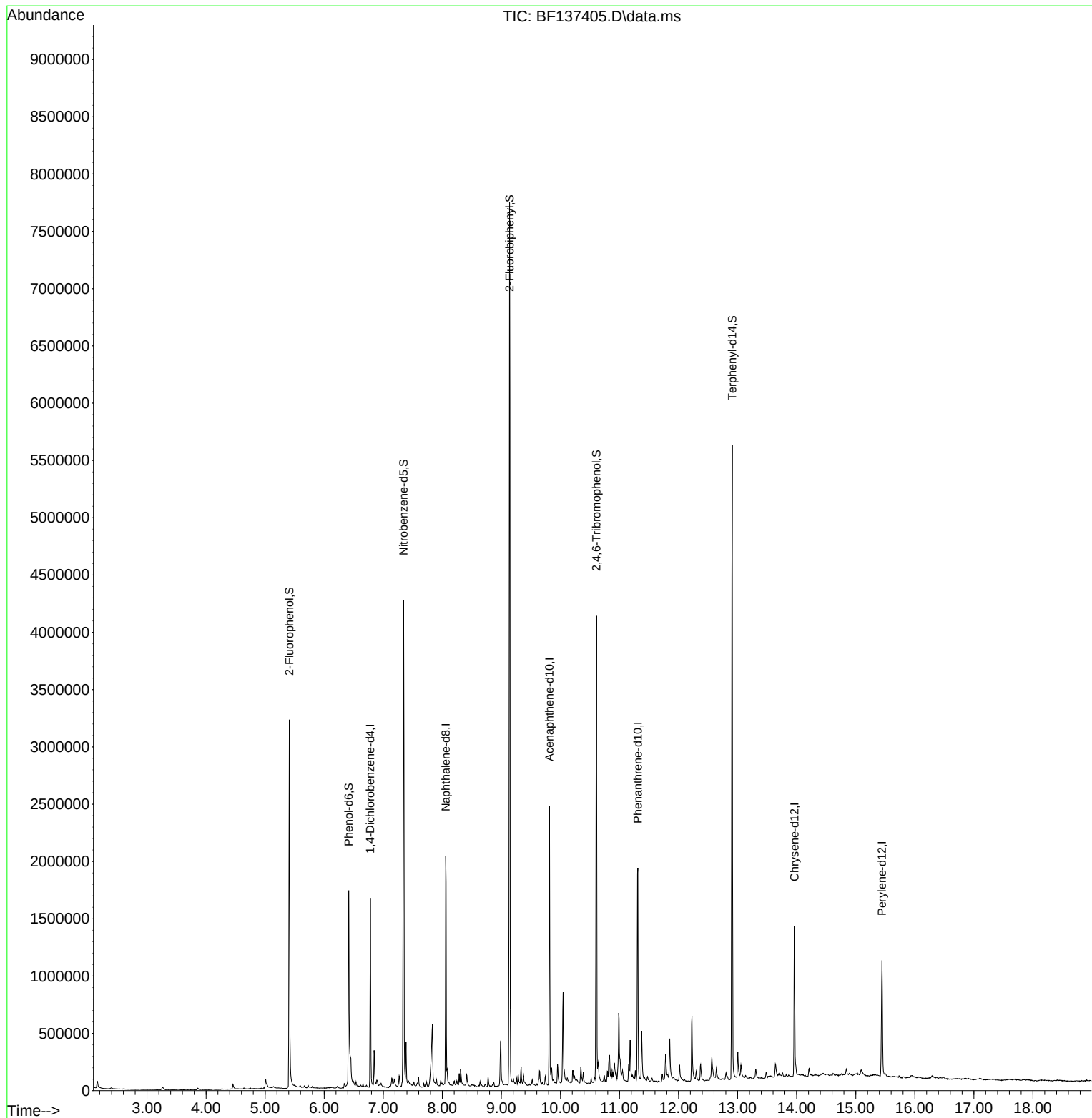
Target Compounds	Qvalue

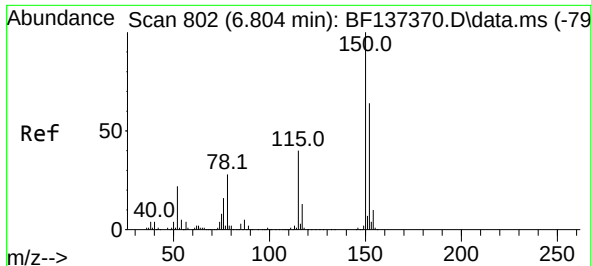
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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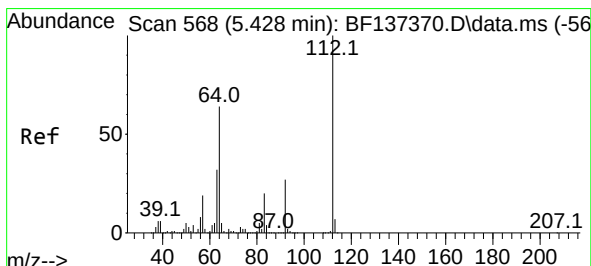
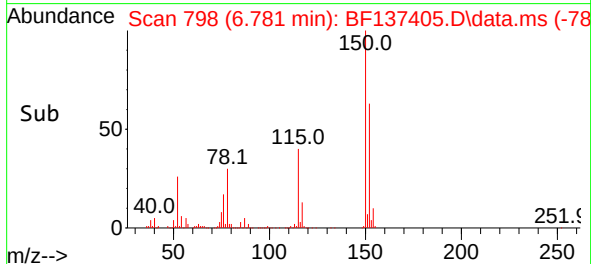
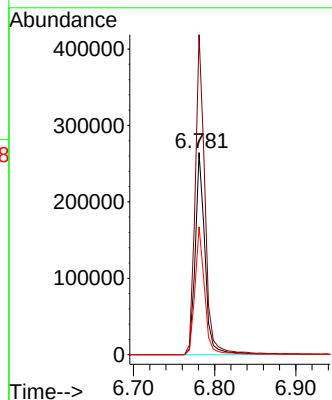
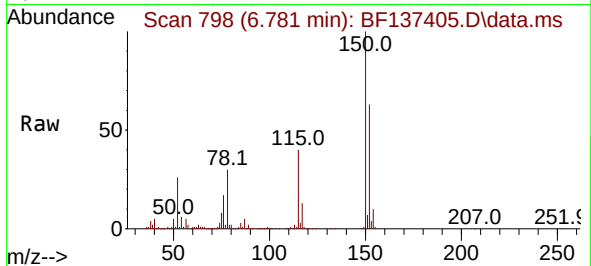




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.781 min Scan# 79
 Delta R.T. -0.023 min
 Lab File: BF137405.D
 Acq: 27 Feb 2024 15:17

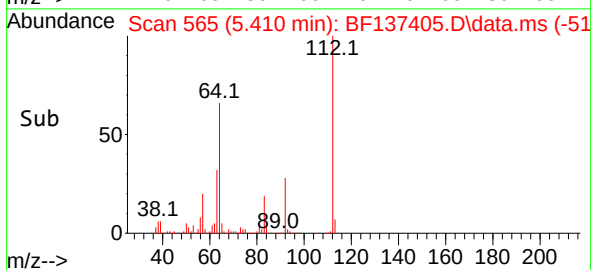
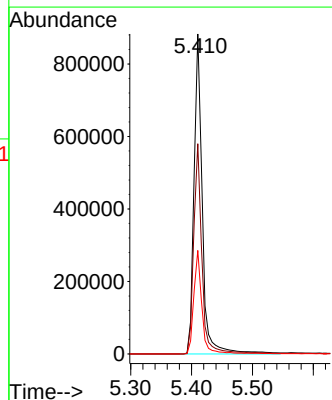
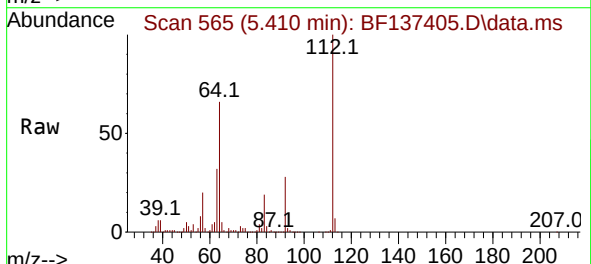
Instrument :
 BNA_F
 ClientSampleId :
 20240766-AMENDED-COMP-39N-N-3-01

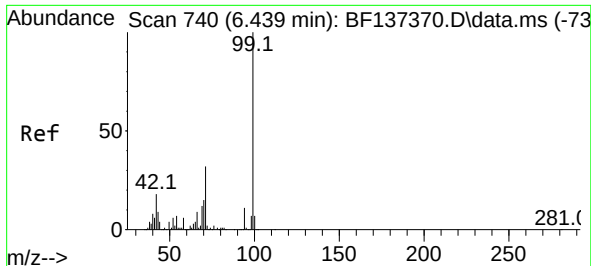
Tgt Ion:152 Resp: 222820
 Ion Ratio Lower Upper
 152 100
 150 158.4 125.7 188.5
 115 63.2 49.8 74.8



#5
 2-Fluorophenol
 Concen: 58.310 ng
 RT: 5.410 min Scan# 565
 Delta R.T. -0.018 min
 Lab File: BF137405.D
 Acq: 27 Feb 2024 15:17

Tgt Ion:112 Resp: 842021
 Ion Ratio Lower Upper
 112 100
 64 65.7 51.0 76.6
 63 32.3 25.7 38.5

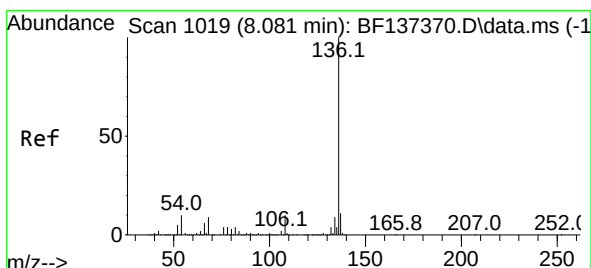
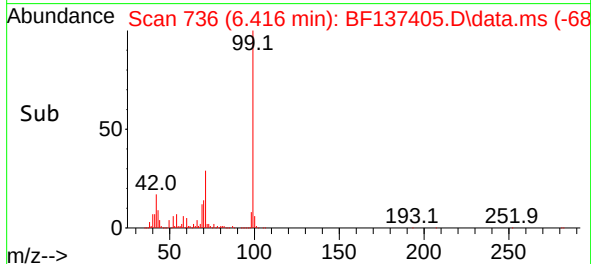
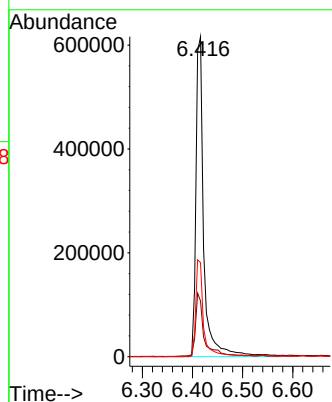
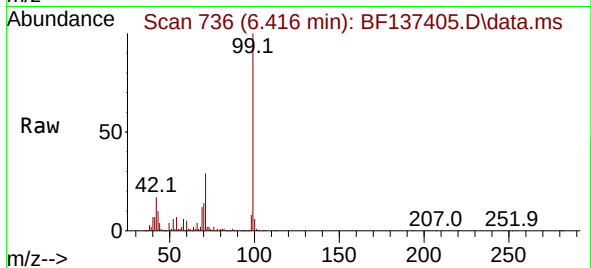




#7
Phenol-d6
Concen: 31.573 ng
RT: 6.416 min Scan# 71
Delta R.T. -0.023 min
Lab File: BF137405.D
Acq: 27 Feb 2024 15:17

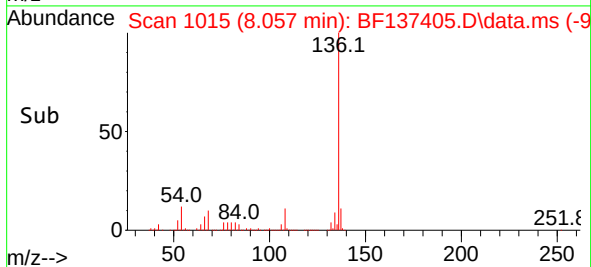
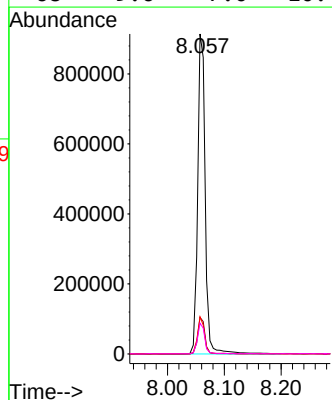
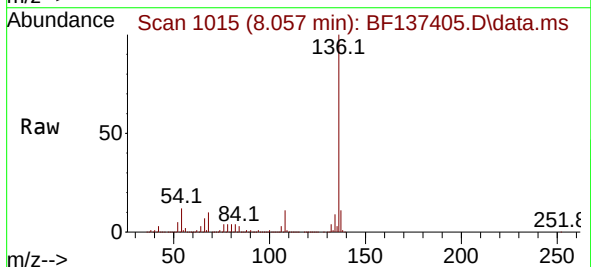
Instrument :
BNA_F
ClientSampleId :
20240766-AMENDED-COMP-39N-N-3-01

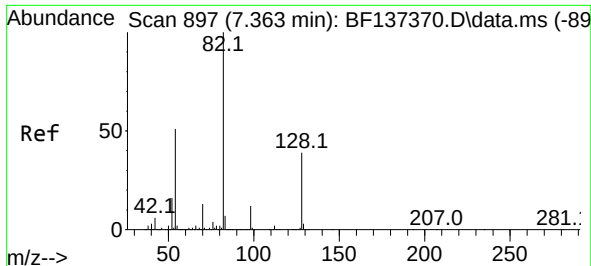
Tgt Ion: 99 Resp: 670680
Ion Ratio Lower Upper
99 100
42 17.4 14.2 21.4
71 29.4 25.2 37.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.057 min Scan# 1015
Delta R.T. -0.024 min
Lab File: BF137405.D
Acq: 27 Feb 2024 15:17

Tgt Ion: 136 Resp: 850033
Ion Ratio Lower Upper
136 100
137 11.4 9.0 13.4
54 11.6 7.8 11.6
68 9.6 7.0 10.4





#23

Nitrobenzene-d5

Concen: 92.767 ng

RT: 7.345 min Scan# 89

Delta R.T. -0.018 min

Lab File: BF137405.D

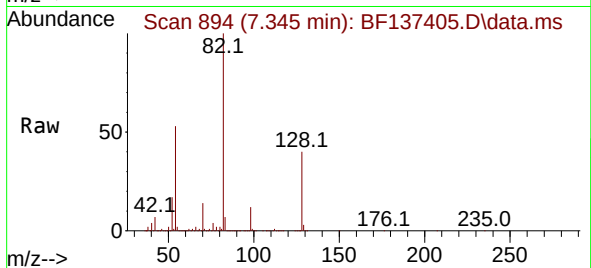
Acq: 27 Feb 2024 15:17

Instrument :

BNA_F

ClientSampleId :

20240766-AMENDED-COMP-39N-N-3-01



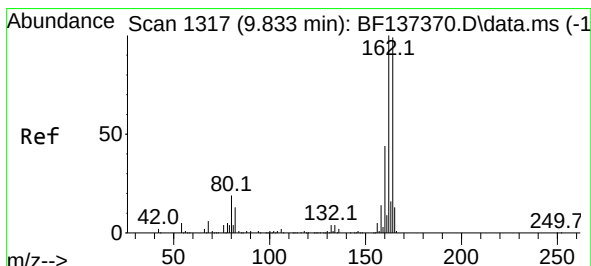
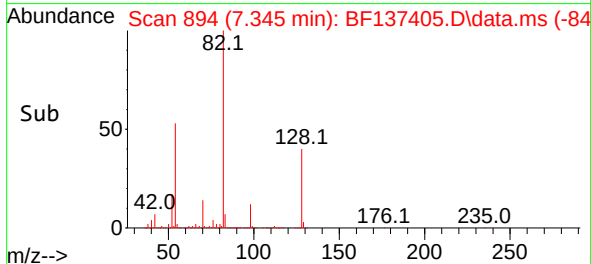
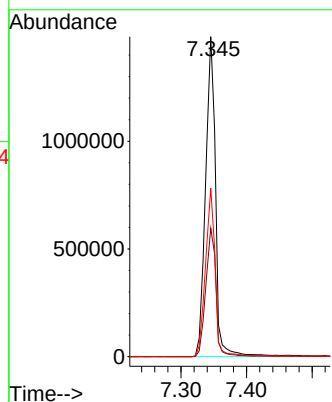
Tgt Ion: 82 Resp: 1579486

Ion Ratio Lower Upper

82 100

128 40.2 30.8 46.2

54 52.6 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: BF137405.D

Acq: 27 Feb 2024 15:17

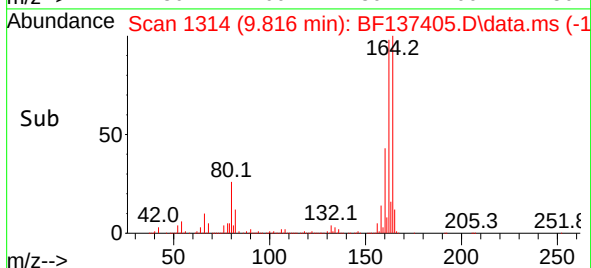
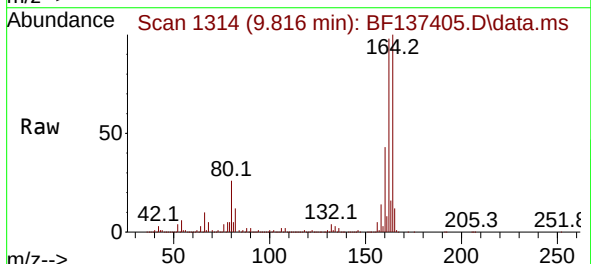
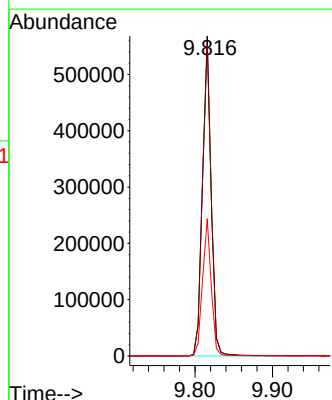
Tgt Ion:164 Resp: 440769

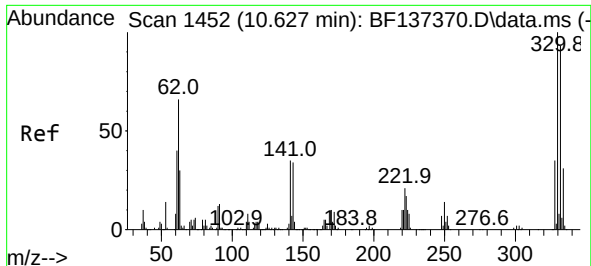
Ion Ratio Lower Upper

164 100

162 97.5 81.2 121.8

160 42.9 35.7 53.5





#42

2,4,6-Tribromophenol

Concen: 123.537 ng

RT: 10.610 min Scan# 1452

Delta R.T. -0.018 min

Lab File: BF137405.D

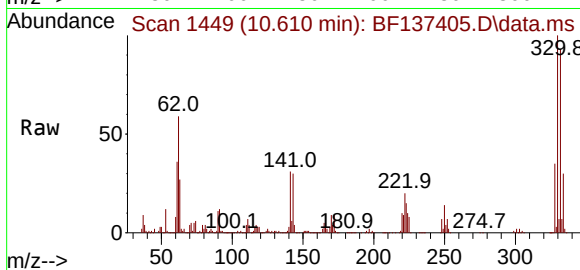
Acq: 27 Feb 2024 15:17

Instrument :

BNA_F

ClientSampleId :

20240766-AMENDED-COMP-39N-N-3-01



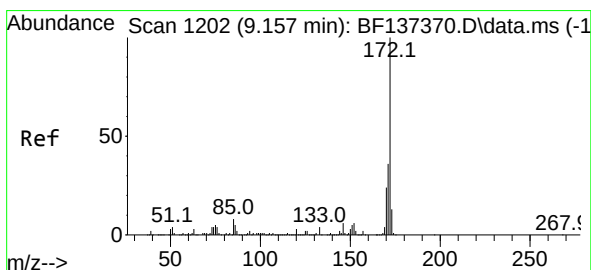
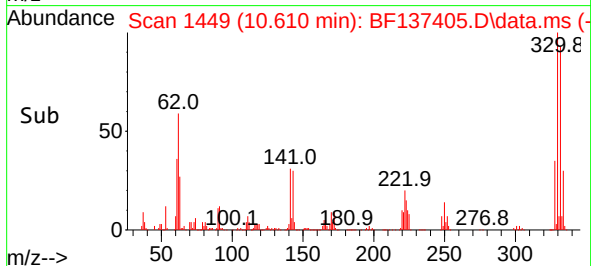
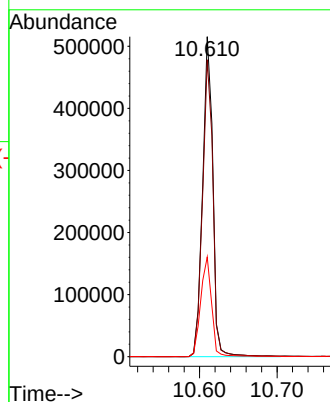
Tgt Ion:330 Resp: 474165

Ion Ratio Lower Upper

330 100

332 94.6 75.6 113.4

141 33.4 28.6 42.8



#45

2-Fluorobiphenyl

Concen: 87.141 ng

RT: 9.139 min Scan# 1199

Delta R.T. -0.018 min

Lab File: BF137405.D

Acq: 27 Feb 2024 15:17

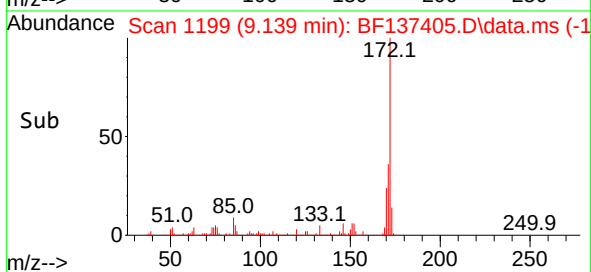
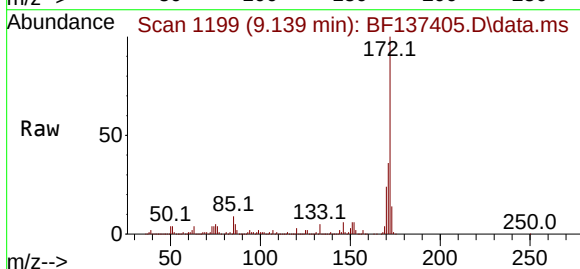
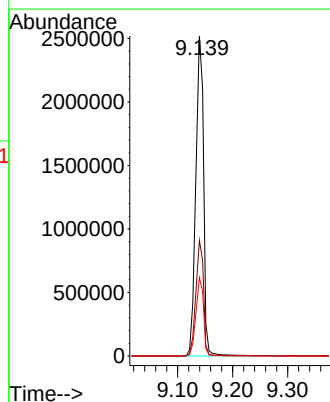
Tgt Ion:172 Resp: 2467104

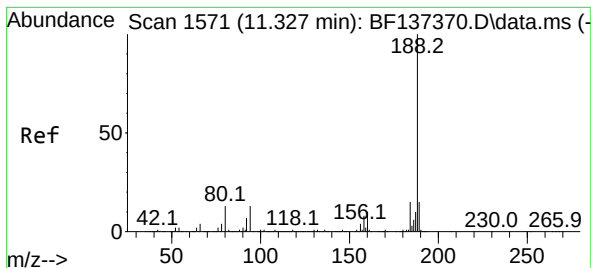
Ion Ratio Lower Upper

172 100

171 36.1 28.7 43.1

170 24.4 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: BF137405.D

Acq: 27 Feb 2024 15:17

Instrument :

BNA_F

ClientSampleId :

20240766-AMENDED-COMP-39N-N-3-01

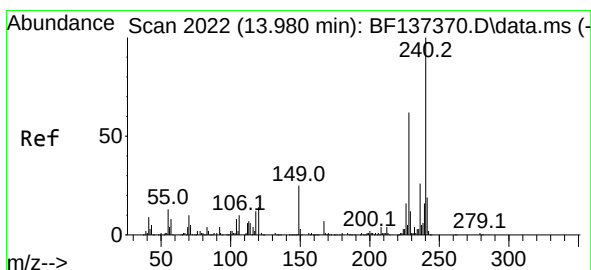
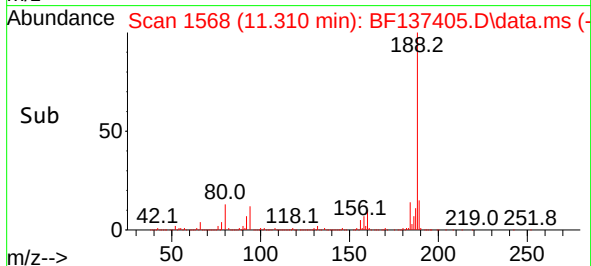
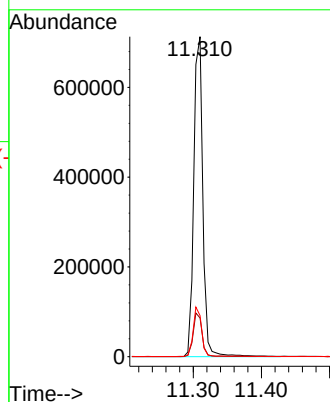
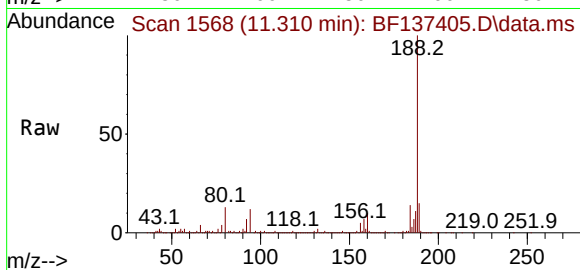
Tgt Ion:188 Resp: 650873

Ion Ratio Lower Upper

188 100

94 12.1 10.2 15.2

80 12.9 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: BF137405.D

Acq: 27 Feb 2024 15:17

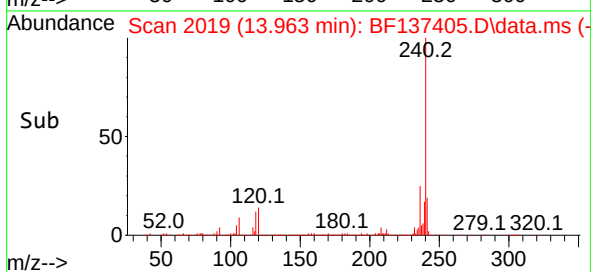
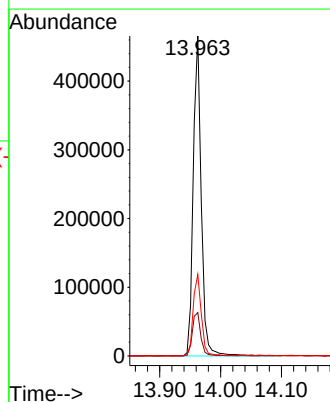
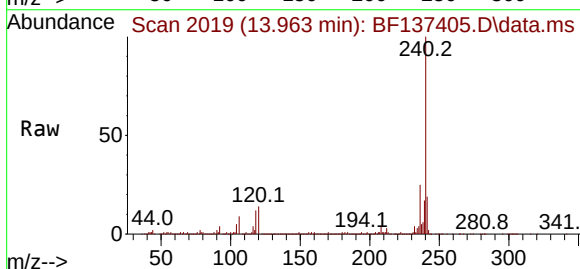
Tgt Ion:240 Resp: 429788

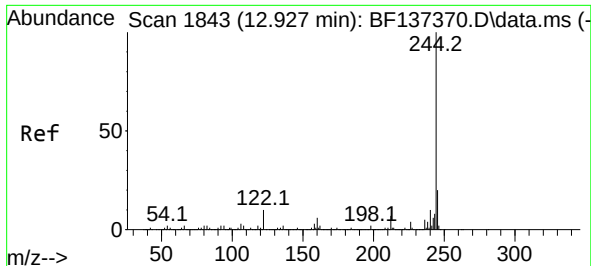
Ion Ratio Lower Upper

240 100

120 13.6 11.3 16.9

236 25.5 20.5 30.7

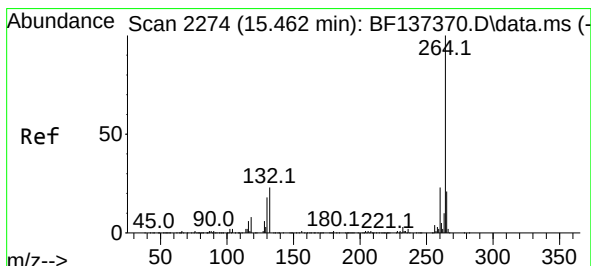
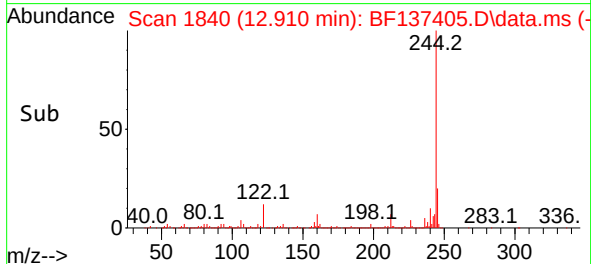
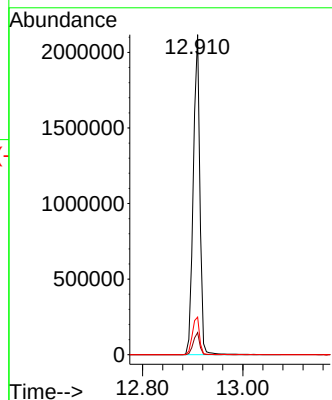
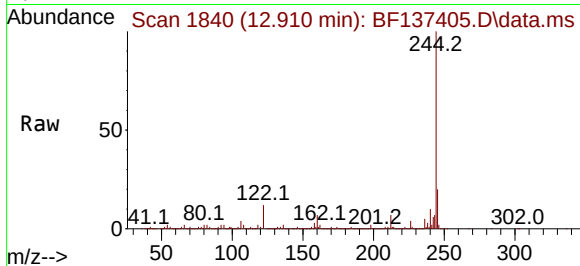




#79
Terphenyl-d14
Concen: 62.823 ng
RT: 12.910 min Scan# 1840
Delta R.T. -0.018 min
Lab File: BF137405.D
Acq: 27 Feb 2024 15:17

Instrument :
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Tgt Ion:244 Resp: 1930435
Ion Ratio Lower Upper
244 100
212 6.9 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: BF137405.D
Acq: 27 Feb 2024 15:17

Tgt Ion:264 Resp: 463865
Ion Ratio Lower Upper
264 100
260 23.2 18.5 27.7
265 20.8 16.9 25.3

