

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022824\
Data File : BF137431.D
Acq On : 28 Feb 2024 19:21
Operator : CG\JU
Sample : P1523-07
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
20240767-AMENDED-COMP-39N-N-3-02

Quant Time: Feb 29 03:14:59 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)

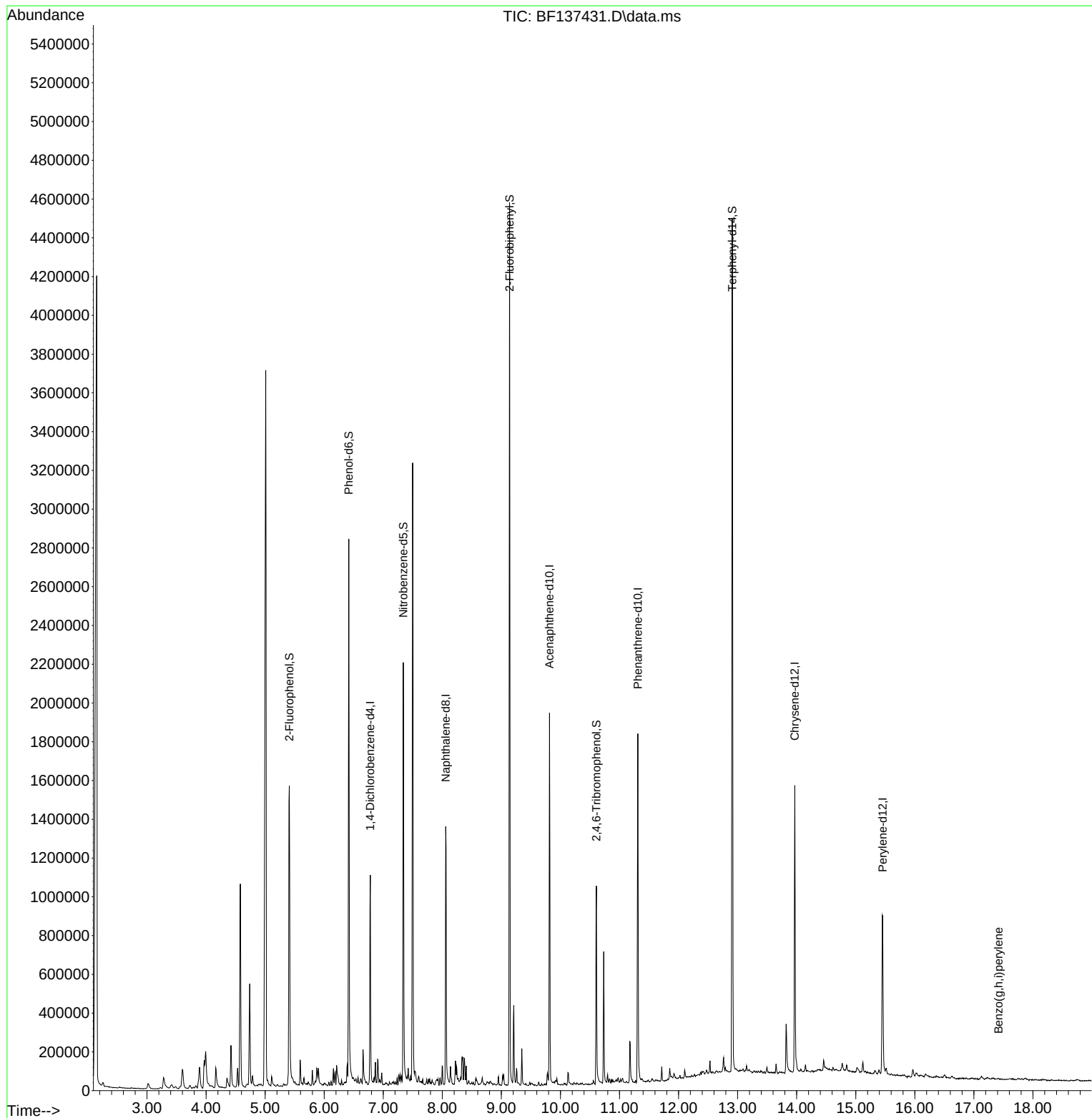
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	153960	20.000	ng	-0.02
21) Naphthalene-d8	8.057	136	620108	20.000	ng	-0.02
39) Acenaphthene-d10	9.816	164	354824	20.000	ng	-0.02
64) Phenanthrene-d10	11.310	188	652694	20.000	ng	-0.02
76) Chrysene-d12	13.968	240	459635	20.000	ng	-0.01
86) Perylene-d12	15.457	264	403885	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.410	112	544244	54.546	ng	-0.02
7) Phenol-d6	6.416	99	983828	67.030	ng	-0.02
23) Nitrobenzene-d5	7.340	82	725246	58.389	ng	-0.02
42) 2,4,6-Tribromophenol	10.610	330	110596	35.794	ng	-0.02
45) 2-Fluorobiphenyl	9.139	172	1240199	54.416	ng	-0.02
79) Terphenyl-d14	12.910	244	1524660	46.396	ng	-0.02
Target Compounds						Qvalue
92) Benzo(g,h,i)perylene	17.415	276	4869	2.266	ng	97

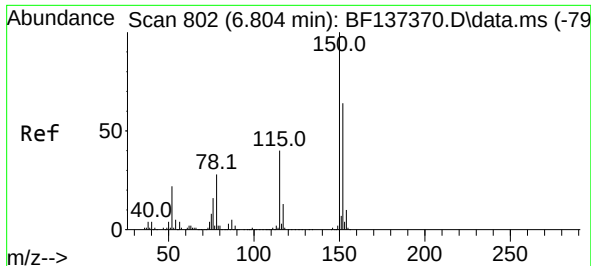
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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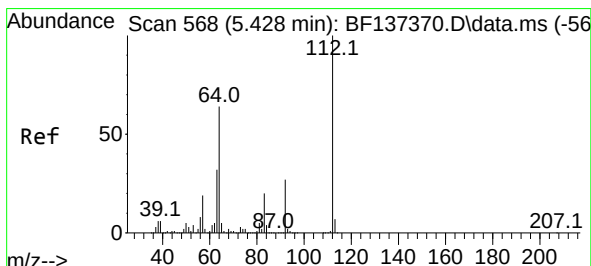
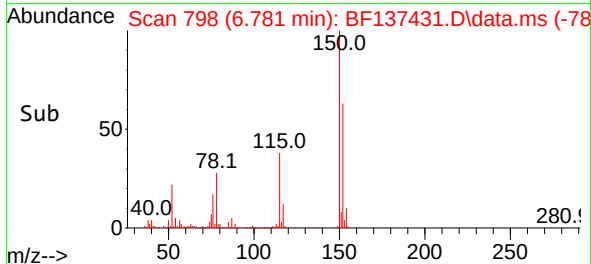
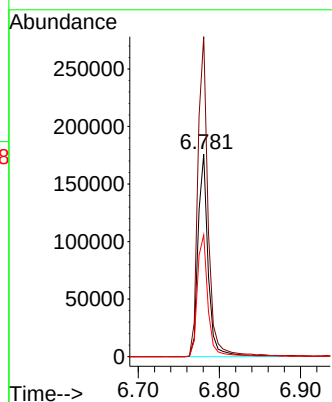
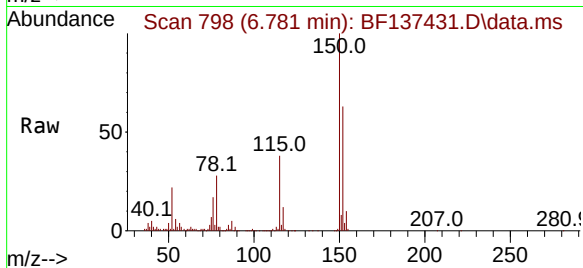




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.781 min Scan# 79
Delta R.T. -0.023 min
Lab File: BF137431.D
Acq: 28 Feb 2024 19:21

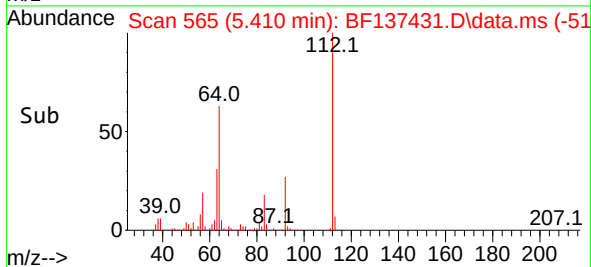
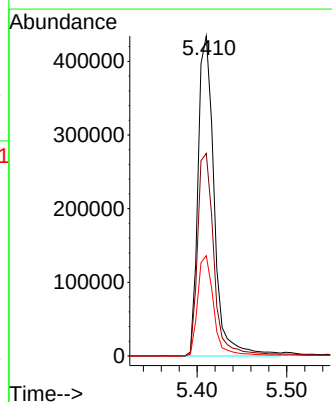
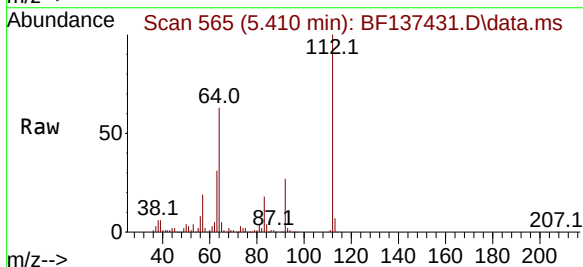
Instrument :
BNA_F
ClientSampleId :
20240767-AMENDED-COMP-39N-N-3-02

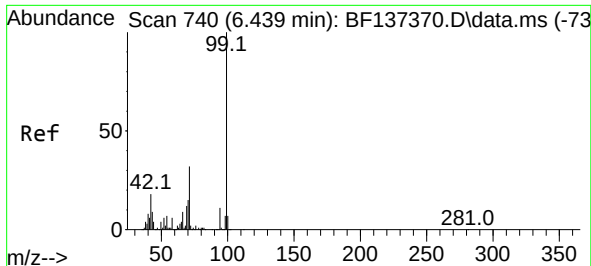
Tgt Ion:152 Resp: 153960
Ion Ratio Lower Upper
152 100
150 158.1 125.7 188.5
115 60.1 49.8 74.8



#5
2-Fluorophenol
Concen: 54.546 ng
RT: 5.410 min Scan# 565
Delta R.T. -0.018 min
Lab File: BF137431.D
Acq: 28 Feb 2024 19:21

Tgt Ion:112 Resp: 544244
Ion Ratio Lower Upper
112 100
64 63.3 51.0 76.6
63 31.3 25.7 38.5

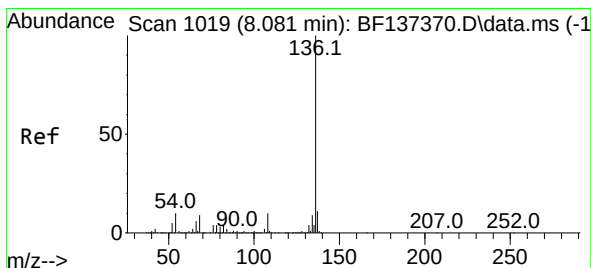
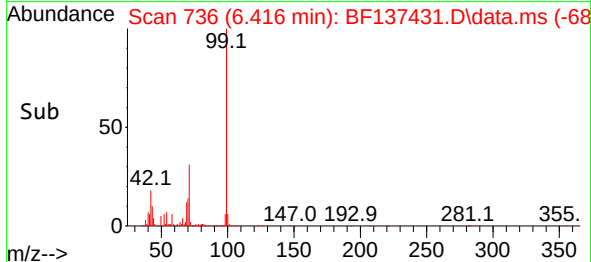
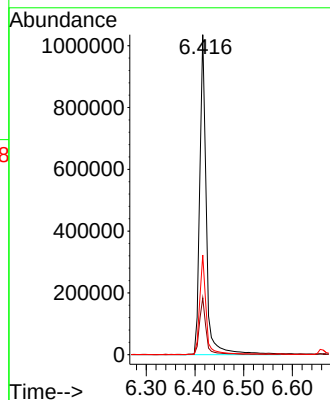
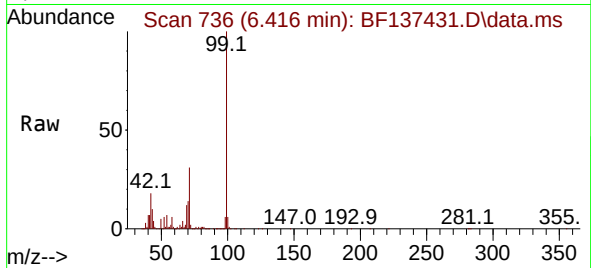




#7
Phenol-d6
Concen: 67.030 ng
RT: 6.416 min Scan# 71
Delta R.T. -0.023 min
Lab File: BF137431.D
Acq: 28 Feb 2024 19:21

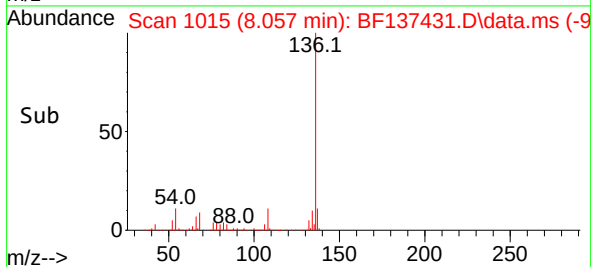
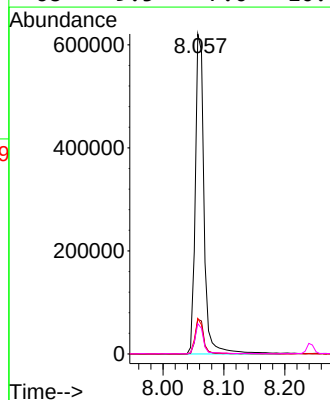
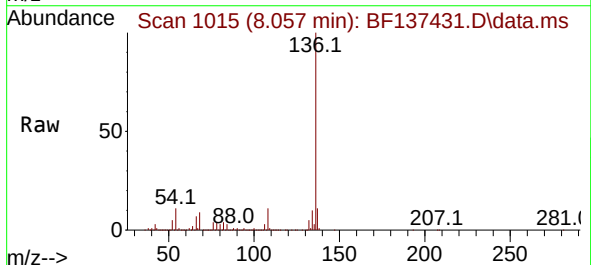
Instrument :
BNA_F
ClientSampleId :
20240767-AMENDED-COMP-39N-N-3-02

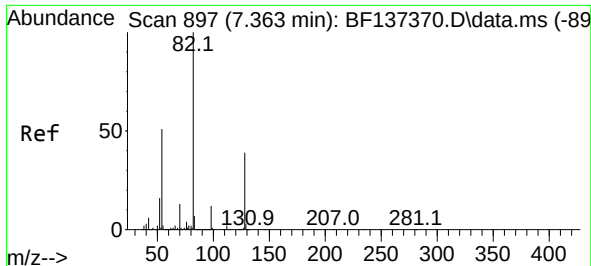
Tgt Ion: 99 Resp: 983828
Ion Ratio Lower Upper
99 100
42 17.8 14.2 21.4
71 31.2 25.2 37.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.057 min Scan# 1015
Delta R.T. -0.024 min
Lab File: BF137431.D
Acq: 28 Feb 2024 19:21

Tgt Ion: 136 Resp: 620108
Ion Ratio Lower Upper
136 100
137 10.8 9.0 13.4
54 11.1 7.8 11.6
68 9.5 7.0 10.4





#23

Nitrobenzene-d5

Concen: 58.389 ng

RT: 7.340 min Scan# 89

Delta R.T. -0.023 min

Lab File: BF137431.D

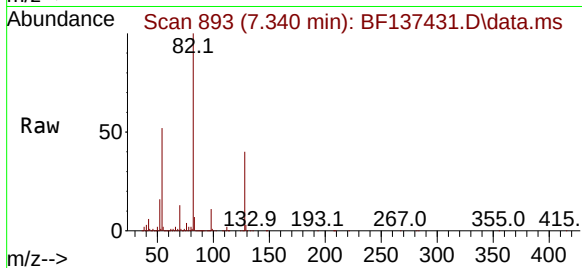
Acq: 28 Feb 2024 19:21

Instrument :

BNA_F

ClientSampleId :

20240767-AMENDED-COMP-39N-N-3-02



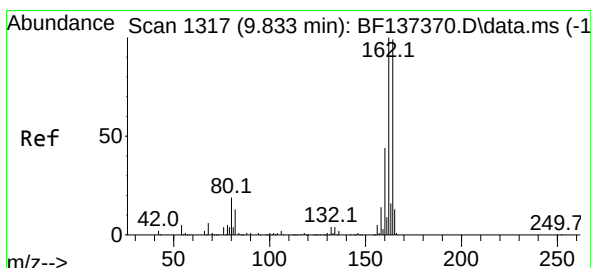
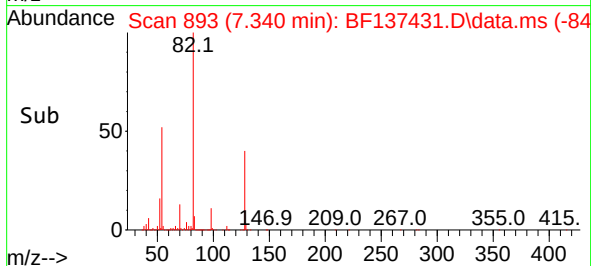
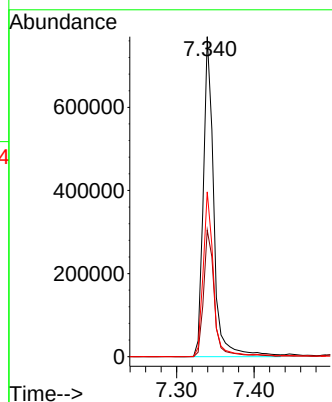
Tgt Ion: 82 Resp: 725246

Ion Ratio Lower Upper

82 100

128 39.5 30.8 46.2

54 51.5 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: BF137431.D

Acq: 28 Feb 2024 19:21

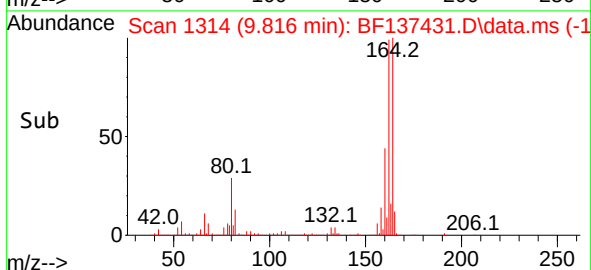
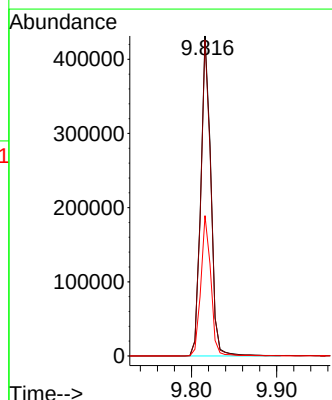
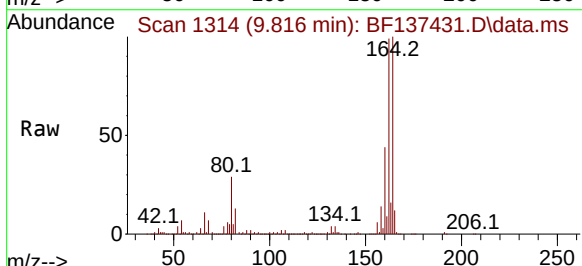
Tgt Ion:164 Resp: 354824

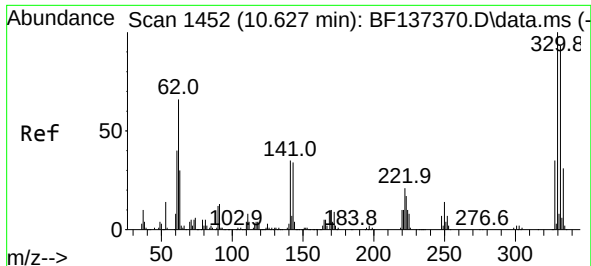
Ion Ratio Lower Upper

164 100

162 98.8 81.2 121.8

160 43.8 35.7 53.5





#42

2,4,6-Tribromophenol

Concen: 35.794 ng

RT: 10.610 min Scan# 1452

Delta R.T. -0.018 min

Lab File: BF137431.D

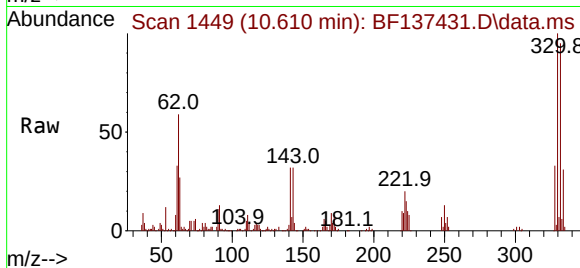
Acq: 28 Feb 2024 19:21

Instrument :

BNA_F

ClientSampleId :

20240767-AMENDED-COMP-39N-N-3-02



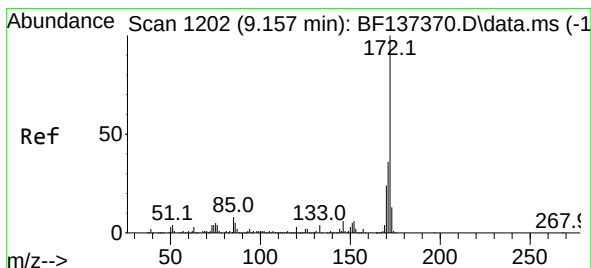
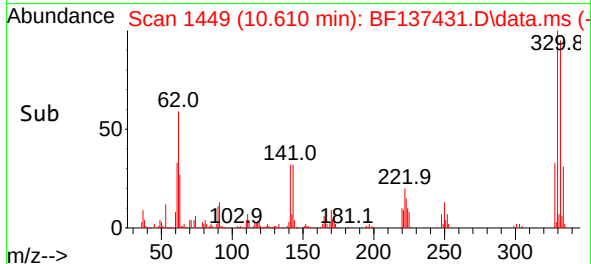
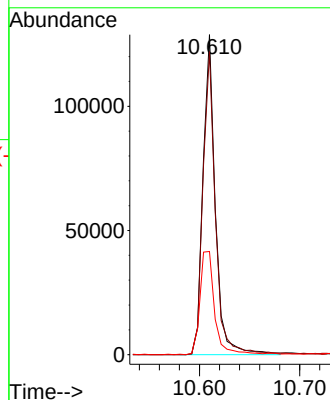
Tgt Ion:330 Resp: 110596

Ion Ratio Lower Upper

330 100

332 96.5 75.6 113.4

141 38.4 28.6 42.8



#45

2-Fluorobiphenyl

Concen: 54.416 ng

RT: 9.139 min Scan# 1199

Delta R.T. -0.018 min

Lab File: BF137431.D

Acq: 28 Feb 2024 19:21

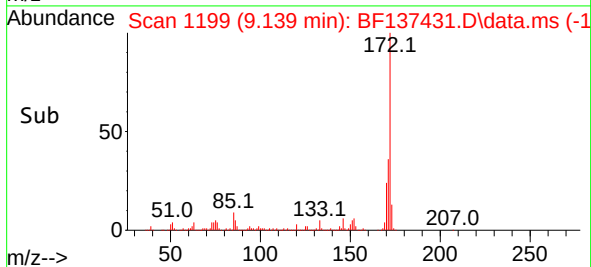
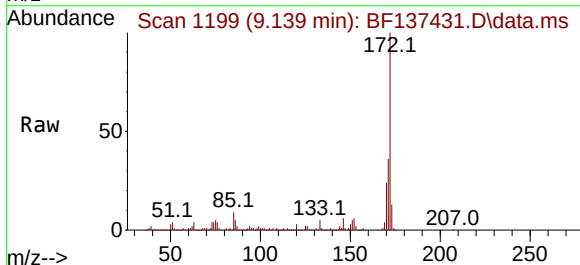
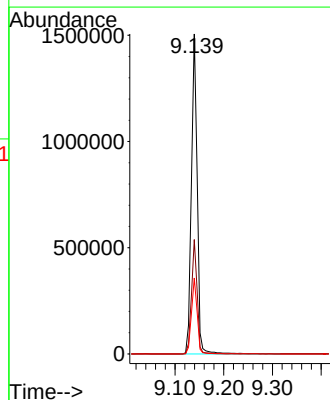
Tgt Ion:172 Resp: 1240199

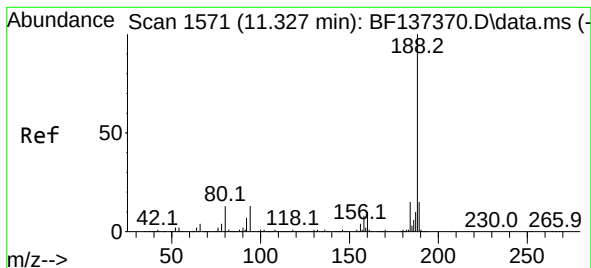
Ion Ratio Lower Upper

172 100

171 35.7 28.7 43.1

170 23.8 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: BF137431.D

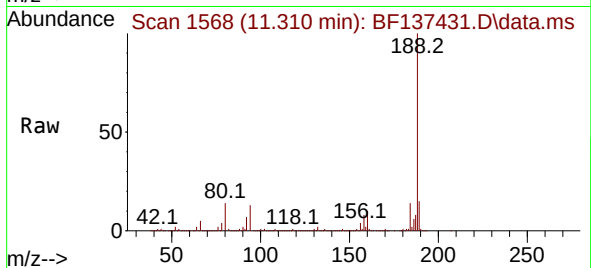
Acq: 28 Feb 2024 19:21

Instrument :

BNA_F

ClientSampleId :

20240767-AMENDED-COMP-39N-N-3-02



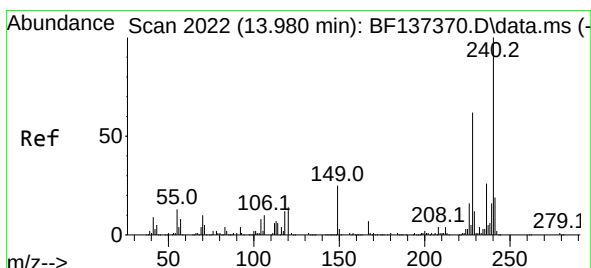
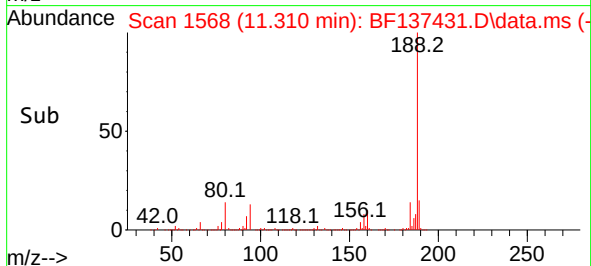
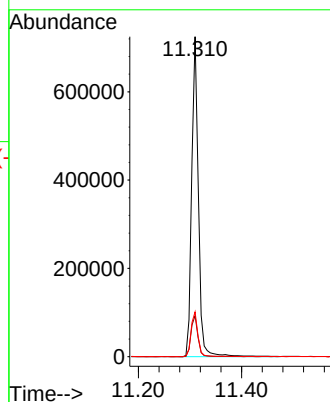
Tgt Ion:188 Resp: 652694

Ion Ratio Lower Upper

188 100

94 12.8 10.2 15.2

80 14.0 10.7 16.1



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.968 min Scan# 2020

Delta R.T. -0.012 min

Lab File: BF137431.D

Acq: 28 Feb 2024 19:21

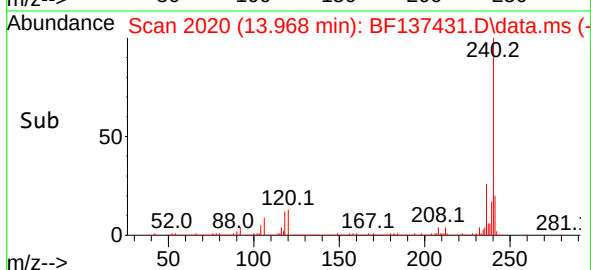
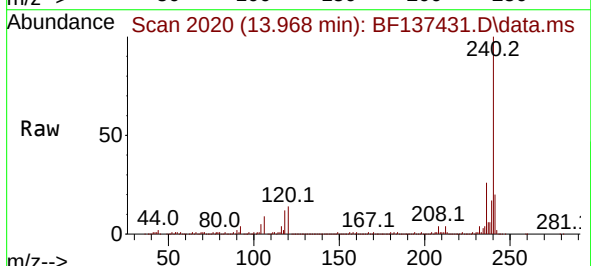
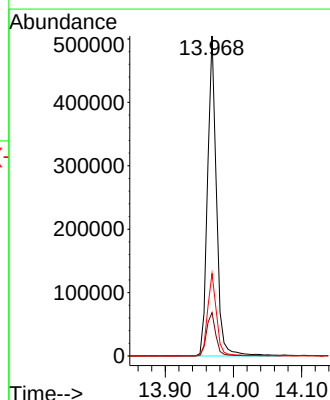
Tgt Ion:240 Resp: 459635

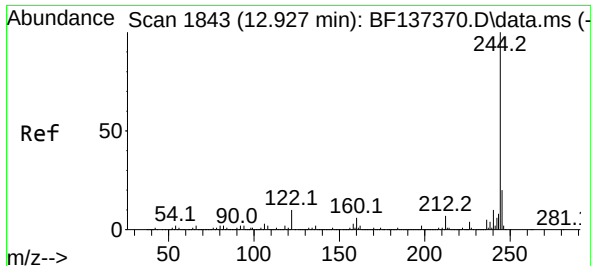
Ion Ratio Lower Upper

240 100

120 13.5 11.3 16.9

236 25.7 20.5 30.7

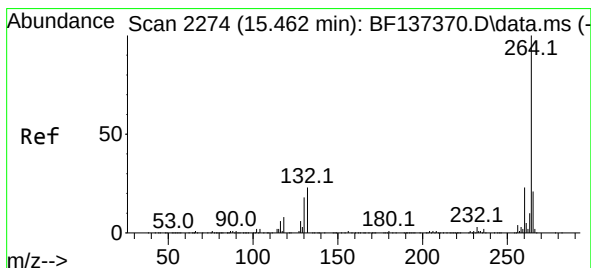
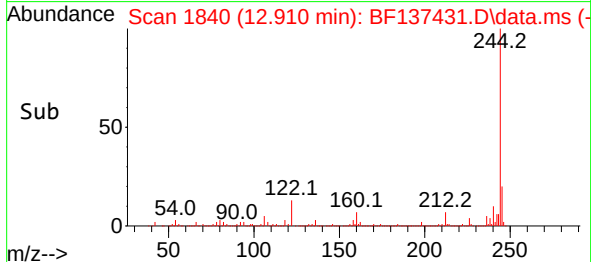
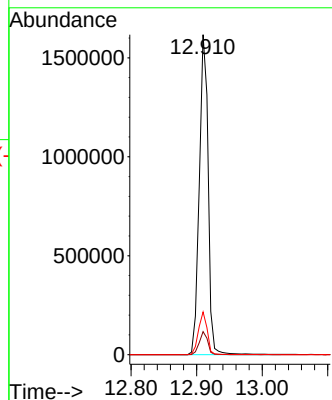
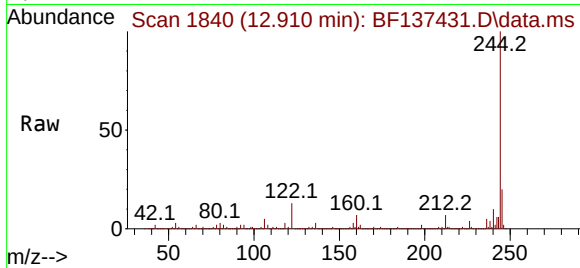




#79
 Terphenyl-d14
 Concen: 46.396 ng
 RT: 12.910 min Scan# 1840
 Delta R.T. -0.018 min
 Lab File: BF137431.D
 Acq: 28 Feb 2024 19:21

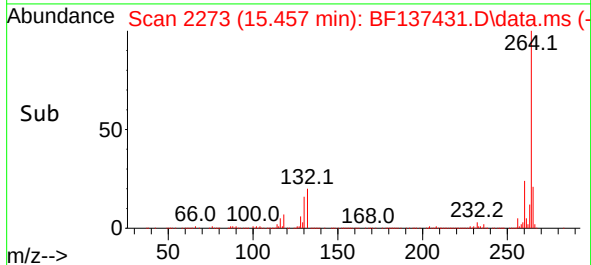
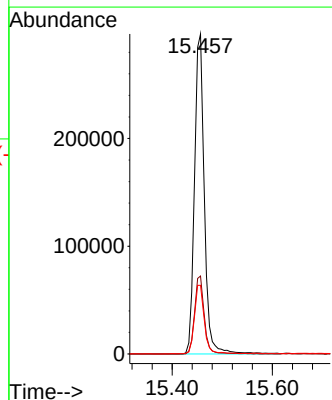
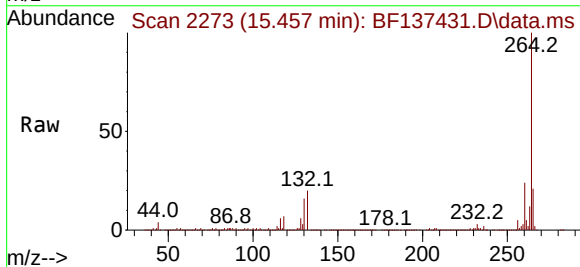
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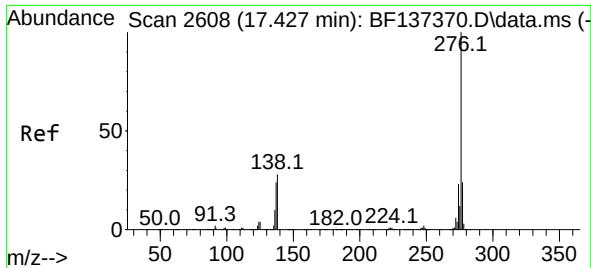
Tgt Ion:244 Resp: 1524660
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.3 7.9
 122 13.3 8.2 12.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.457 min Scan# 2273
 Delta R.T. -0.006 min
 Lab File: BF137431.D
 Acq: 28 Feb 2024 19:21

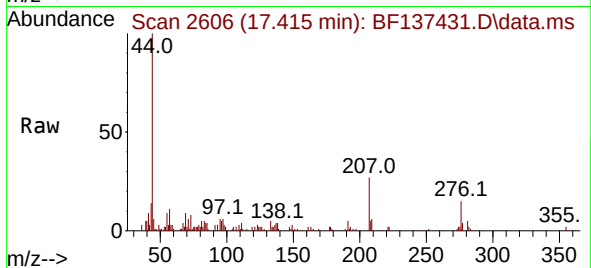
Tgt Ion:264 Resp: 403885
 Ion Ratio Lower Upper
 264 100
 260 24.3 18.5 27.7
 265 21.5 16.9 25.3





#92
 Benzo(g,h,i)perylene
 Concen: 2.266 ng
 RT: 17.415 min Scan# 20
 Delta R.T. -0.012 min
 Lab File: BF137431.D
 Acq: 28 Feb 2024 19:21

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Tgt Ion:	276	Resp:	4869
Ion	Ratio	Lower	Upper
276	100		
277	26.6	19.0	28.4
138	28.7	22.6	33.8

