

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022724\
 Data File : BF137406.D
 Acq On : 27 Feb 2024 15:46
 Operator : CG\JU
 Sample : P1524-07
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

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

Quant Time: Feb 27 16:09:08 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	217529	20.000	ng	-0.02
21) Naphthalene-d8	8.057	136	841616	20.000	ng	-0.02
39) Acenaphthene-d10	9.816	164	441731	20.000	ng	-0.02
64) Phenanthrene-d10	11.310	188	652601	20.000	ng	-0.02
76) Chrysene-d12	13.963	240	436776	20.000	ng	-0.02
86) Perylene-d12	15.445	264	445541	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.410	112	732267	51.943	ng	-0.02
7) Phenol-d6	6.416	99	573395	27.650	ng	-0.02
23) Nitrobenzene-d5	7.345	82	1421368	84.315	ng	-0.02
42) 2,4,6-Tribromophenol	10.610	330	420410	109.294	ng	-0.02
45) 2-Fluorobiphenyl	9.139	172	2218453	78.188	ng	-0.02
79) Terphenyl-d14	12.910	244	1914708	61.314	ng	-0.02

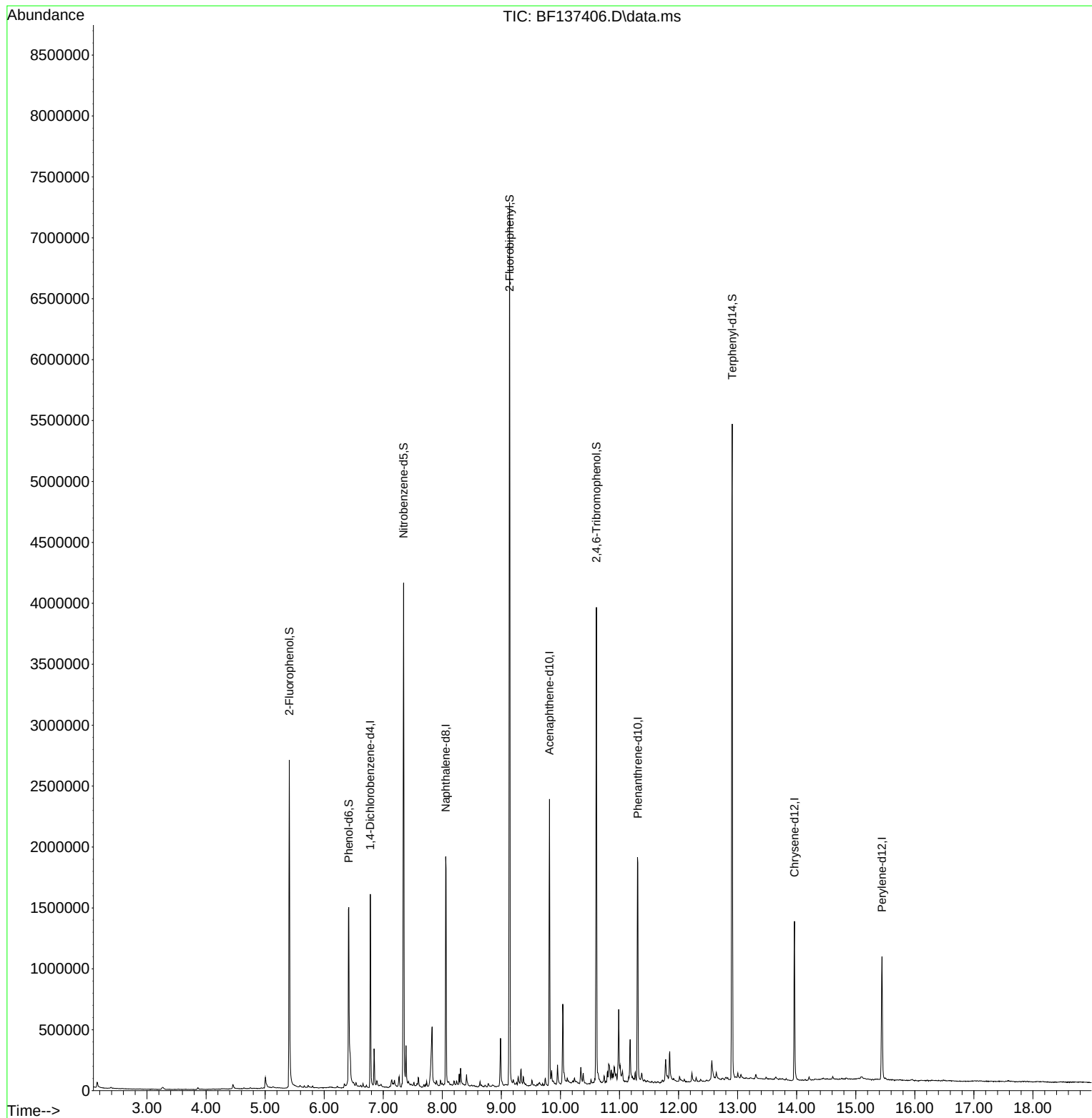
Target Compounds	Qvalue

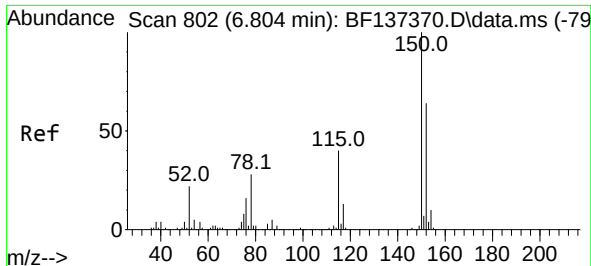
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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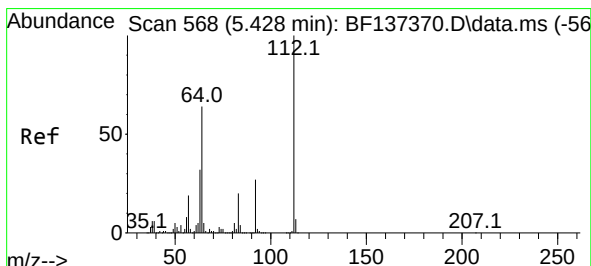
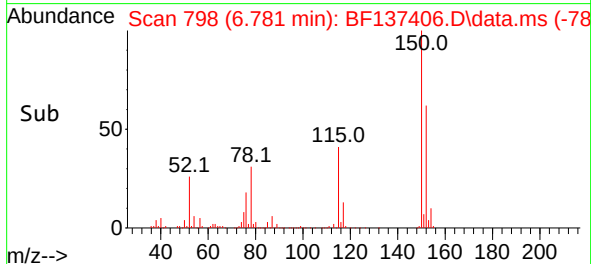
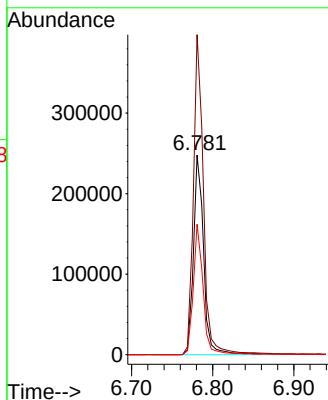
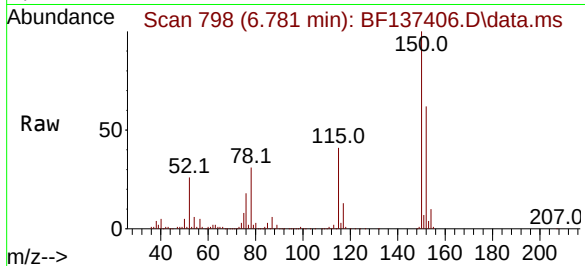




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.781 min Scan# 79
Delta R.T. -0.023 min
Lab File: BF137406.D
Acq: 27 Feb 2024 15:46

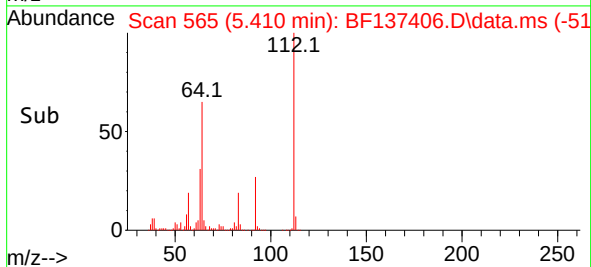
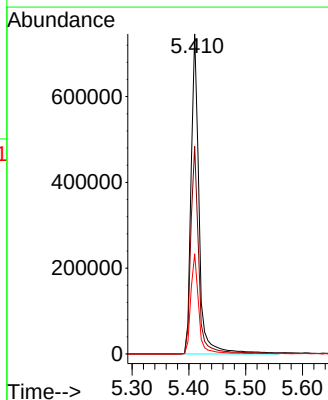
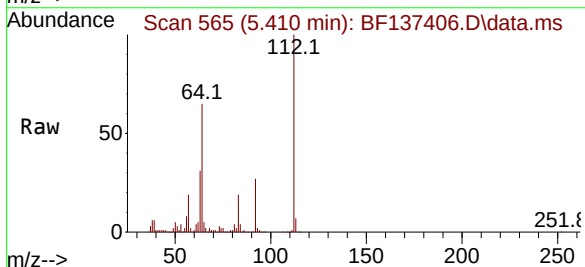
Instrument :
BNA_F
ClientSampleId :
20240767-AMENDED-COMP-39N-N-3-02

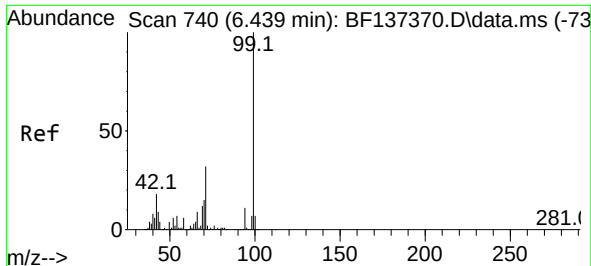
Tgt Ion:152 Resp: 217529
Ion Ratio Lower Upper
152 100
150 160.3 125.7 188.5
115 65.3 49.8 74.8



#5
2-Fluorophenol
Concen: 51.943 ng
RT: 5.410 min Scan# 565
Delta R.T. -0.018 min
Lab File: BF137406.D
Acq: 27 Feb 2024 15:46

Tgt Ion:112 Resp: 732267
Ion Ratio Lower Upper
112 100
64 64.9 51.0 76.6
63 31.3 25.7 38.5

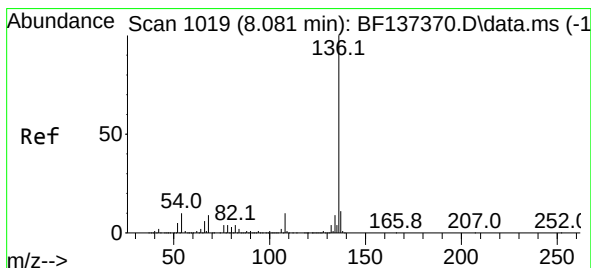
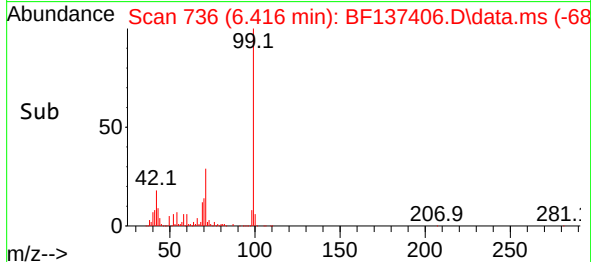
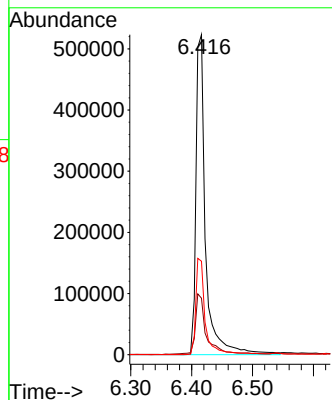
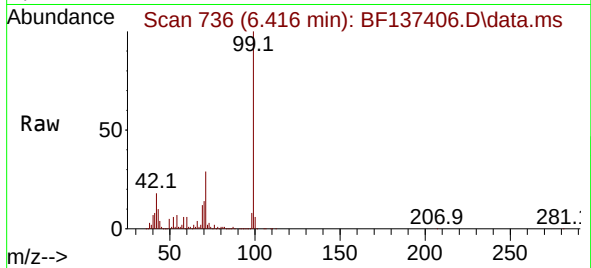




#7
Phenol-d6
Concen: 27.650 ng
RT: 6.416 min Scan# 71
Delta R.T. -0.024 min
Lab File: BF137406.D
Acq: 27 Feb 2024 15:46

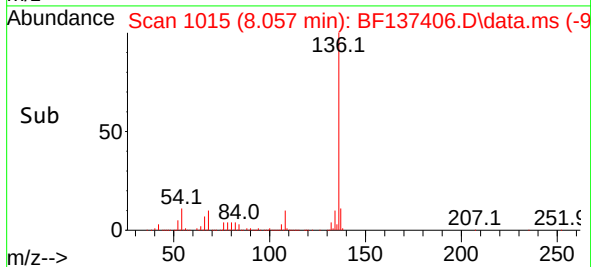
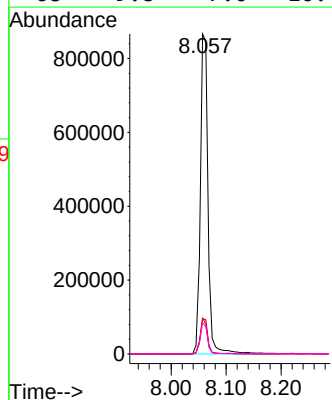
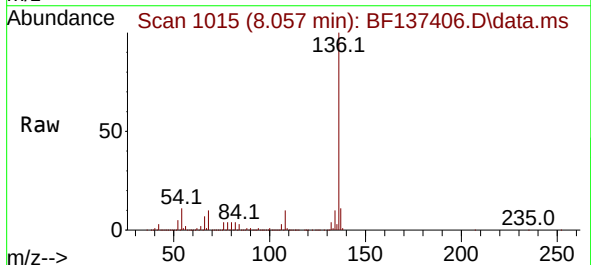
Instrument :
BNA_F
ClientSampleId :
20240767-AMENDED-COMP-39N-N-3-02

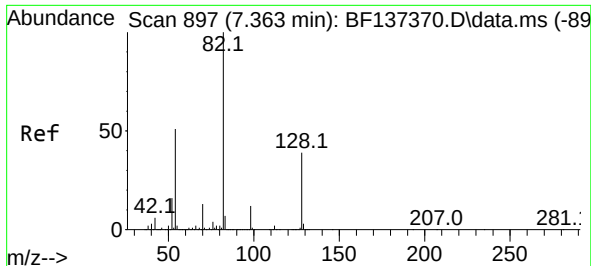
Tgt Ion: 99 Resp: 573395
Ion Ratio Lower Upper
99 100
42 17.6 14.2 21.4
71 29.2 25.2 37.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.057 min Scan# 1015
Delta R.T. -0.024 min
Lab File: BF137406.D
Acq: 27 Feb 2024 15:46

Tgt Ion: 136 Resp: 841616
Ion Ratio Lower Upper
136 100
137 11.1 9.0 13.4
54 11.2 7.8 11.6
68 9.8 7.0 10.4

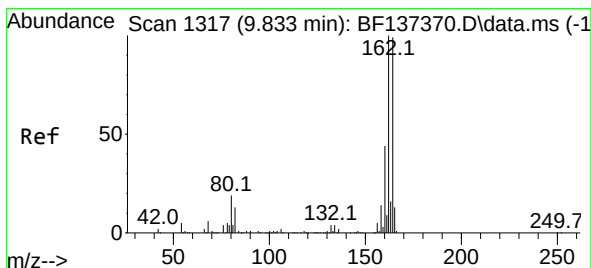
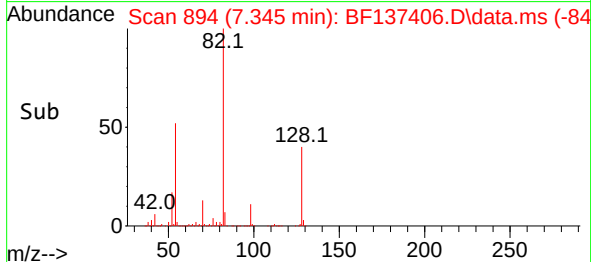
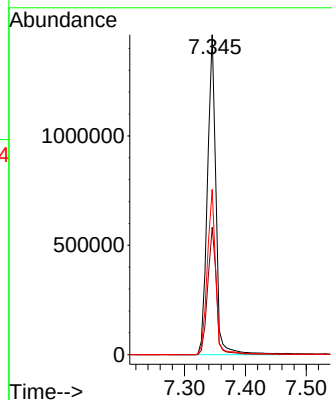
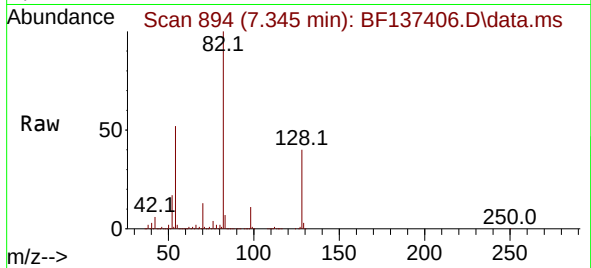




#23
Nitrobenzene-d5
Concen: 84.315 ng
RT: 7.345 min Scan# 89
Delta R.T. -0.018 min
Lab File: BF137406.D
Acq: 27 Feb 2024 15:46

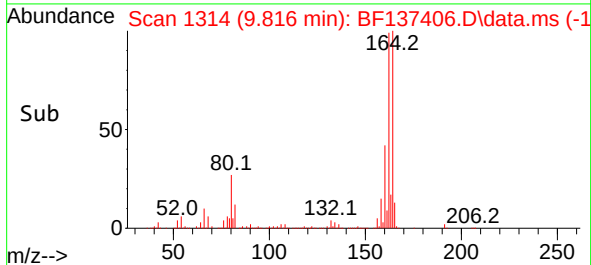
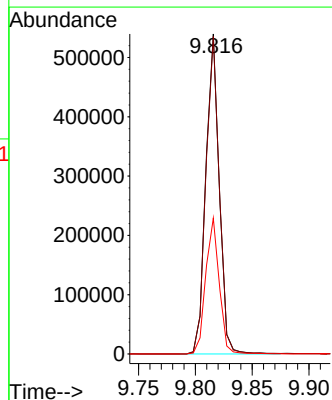
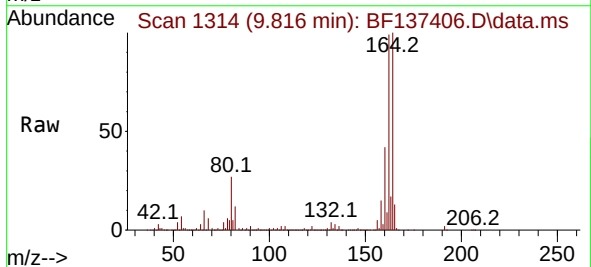
Instrument :
BNA_F
ClientSampleId :
20240767-AMENDED-COMP-39N-N-3-02

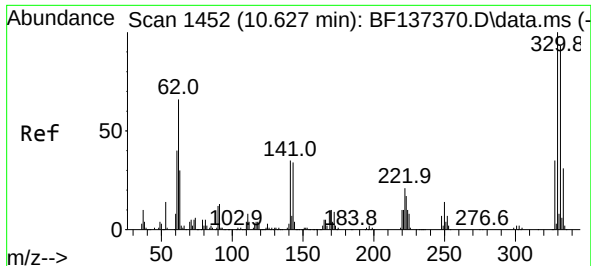
Tgt Ion: 82 Resp: 1421368
Ion Ratio Lower Upper
82 100
128 39.8 30.8 46.2
54 51.7 40.8 61.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.816 min Scan# 1314
Delta R.T. -0.018 min
Lab File: BF137406.D
Acq: 27 Feb 2024 15:46

Tgt Ion: 164 Resp: 441731
Ion Ratio Lower Upper
164 100
162 99.2 81.2 121.8
160 42.5 35.7 53.5

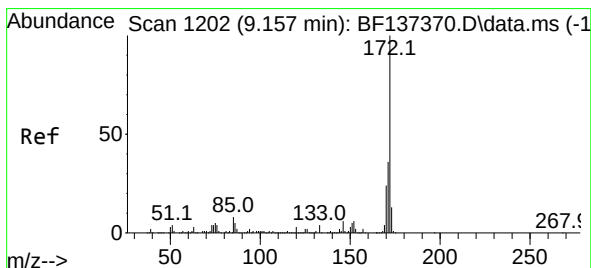
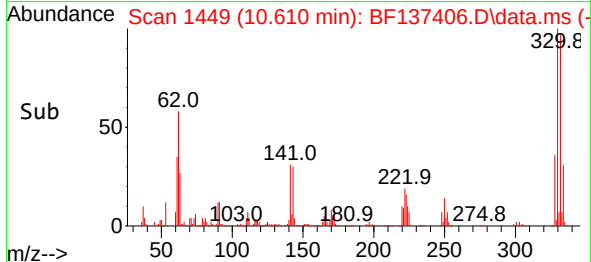
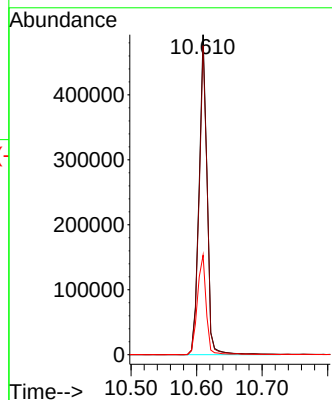
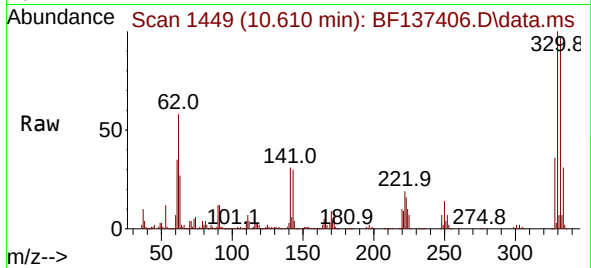




#42
2,4,6-Tribromophenol
Concen: 109.294 ng
RT: 10.610 min Scan# 1452
Delta R.T. -0.018 min
Lab File: BF137406.D
Acq: 27 Feb 2024 15:46

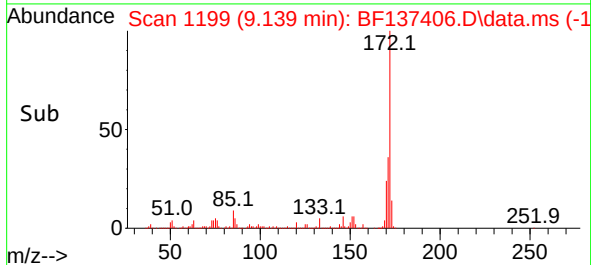
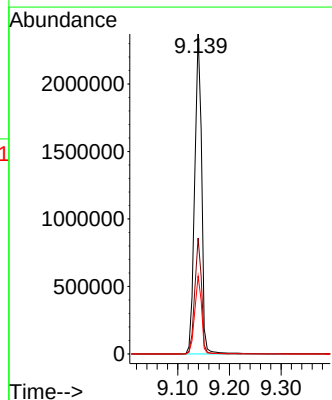
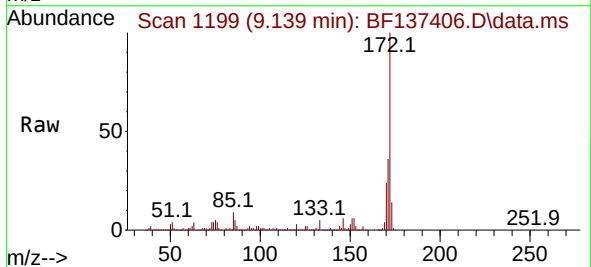
Instrument : BNA_F
ClientSampleId : 20240767-AMENDED-COMP-39N-N-3-02

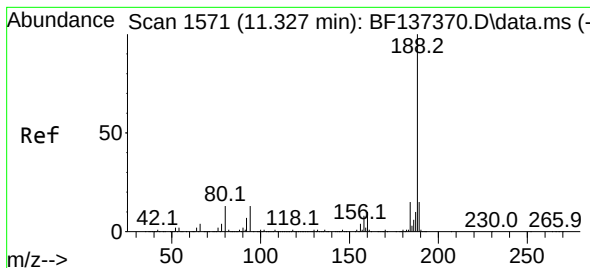
Tgt Ion:330 Resp: 420410
Ion Ratio Lower Upper
330 100
332 96.4 75.6 113.4
141 34.3 28.6 42.8



#45
2-Fluorobiphenyl
Concen: 78.188 ng
RT: 9.139 min Scan# 1199
Delta R.T. -0.018 min
Lab File: BF137406.D
Acq: 27 Feb 2024 15:46

Tgt Ion:172 Resp: 2218453
Ion Ratio Lower Upper
172 100
171 36.2 28.7 43.1
170 24.3 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: BF137406.D

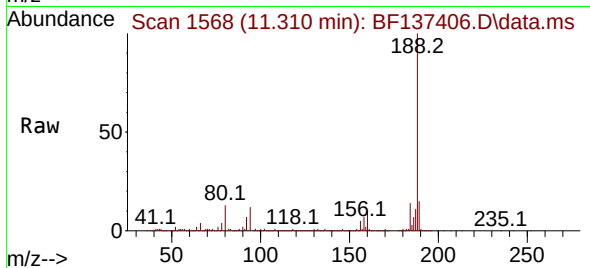
Acq: 27 Feb 2024 15:46

Instrument :

BNA_F

ClientSampleId :

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



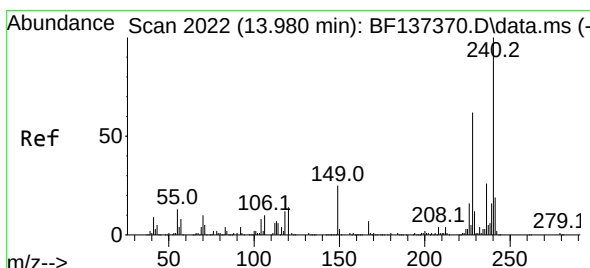
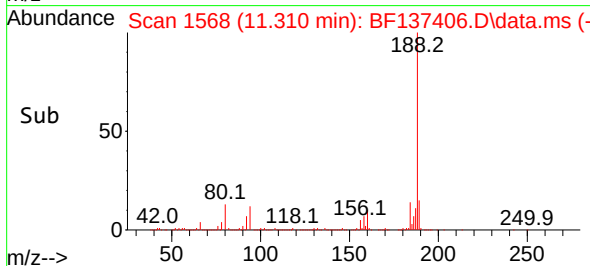
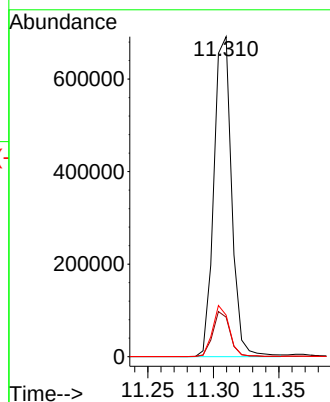
Tgt Ion:188 Resp: 652601

Ion Ratio Lower Upper

188 100

94 12.4 10.2 15.2

80 13.0 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: BF137406.D

Acq: 27 Feb 2024 15:46

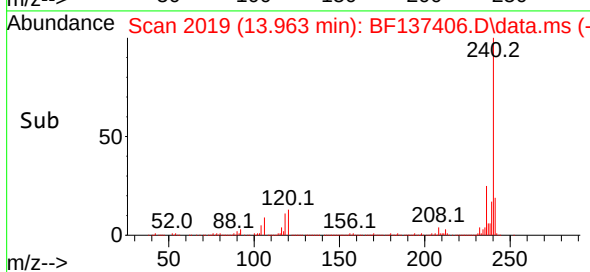
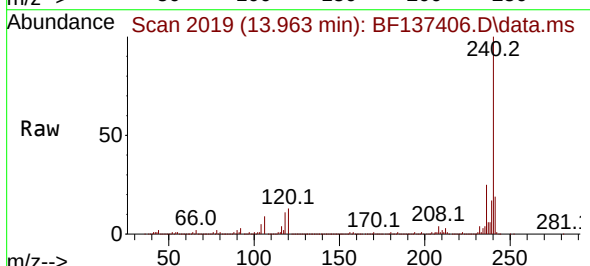
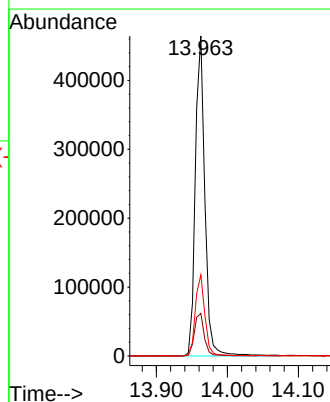
Tgt Ion:240 Resp: 436776

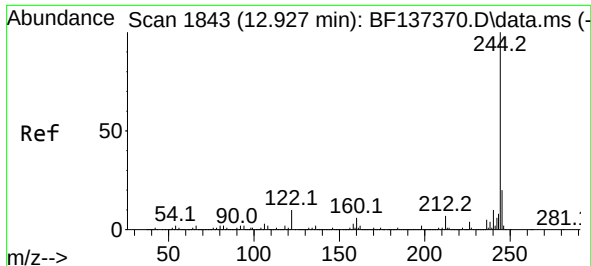
Ion Ratio Lower Upper

240 100

120 13.3 11.3 16.9

236 25.3 20.5 30.7

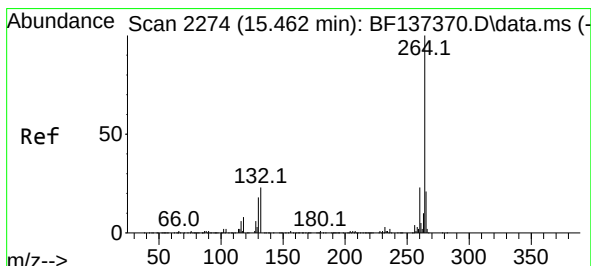
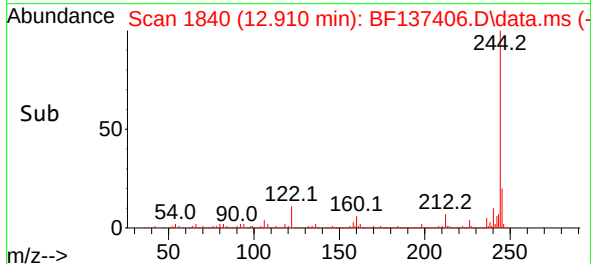
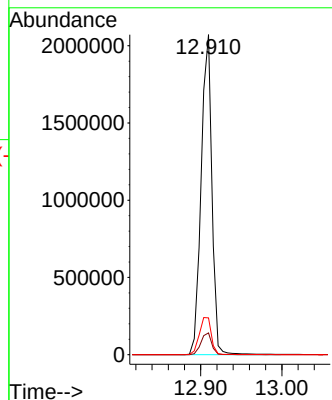
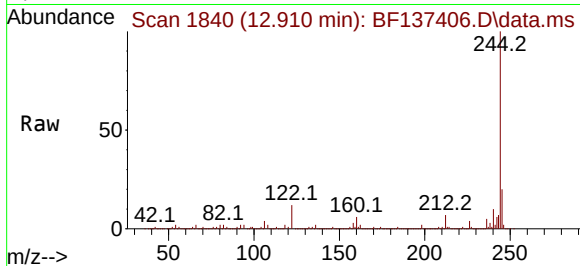




#79
 Terphenyl-d14
 Concen: 61.314 ng
 RT: 12.910 min Scan# 1840
 Delta R.T. -0.018 min
 Lab File: BF137406.D
 Acq: 27 Feb 2024 15:46

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

Tgt Ion:244 Resp: 1914708
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.3 7.9
 122 11.5 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: BF137406.D
 Acq: 27 Feb 2024 15:46

Tgt Ion:264 Resp: 445541
 Ion Ratio Lower Upper
 264 100
 260 23.5 18.5 27.7
 265 21.5 16.9 25.3

