

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022724\
 Data File : BF137412.D
 Acq On : 27 Feb 2024 18:43
 Operator : CG\JU
 Sample : P1539-03
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 20241104-AMENDED-COMPOSITE-35N-N-4-03

Quant Time: Feb 28 05:22:38 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	221085	20.000	ng	-0.02
21) Naphthalene-d8	8.063	136	864279	20.000	ng	-0.02
39) Acenaphthene-d10	9.816	164	455499	20.000	ng	-0.02
64) Phenanthrene-d10	11.310	188	659456	20.000	ng	-0.02
76) Chrysene-d12	13.962	240	420237	20.000	ng	-0.02
86) Perylene-d12	15.445	264	444402	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.410	112	766849	53.521	ng	-0.02
7) Phenol-d6	6.416	99	606102	28.757	ng	-0.02
23) Nitrobenzene-d5	7.345	82	1520273	87.818	ng	-0.02
42) 2,4,6-Tribromophenol	10.610	330	460569	116.115	ng	-0.02
45) 2-Fluorobiphenyl	9.145	172	2316513	79.176	ng	-0.01
79) Terphenyl-d14	12.910	244	1989065	66.202	ng	-0.02

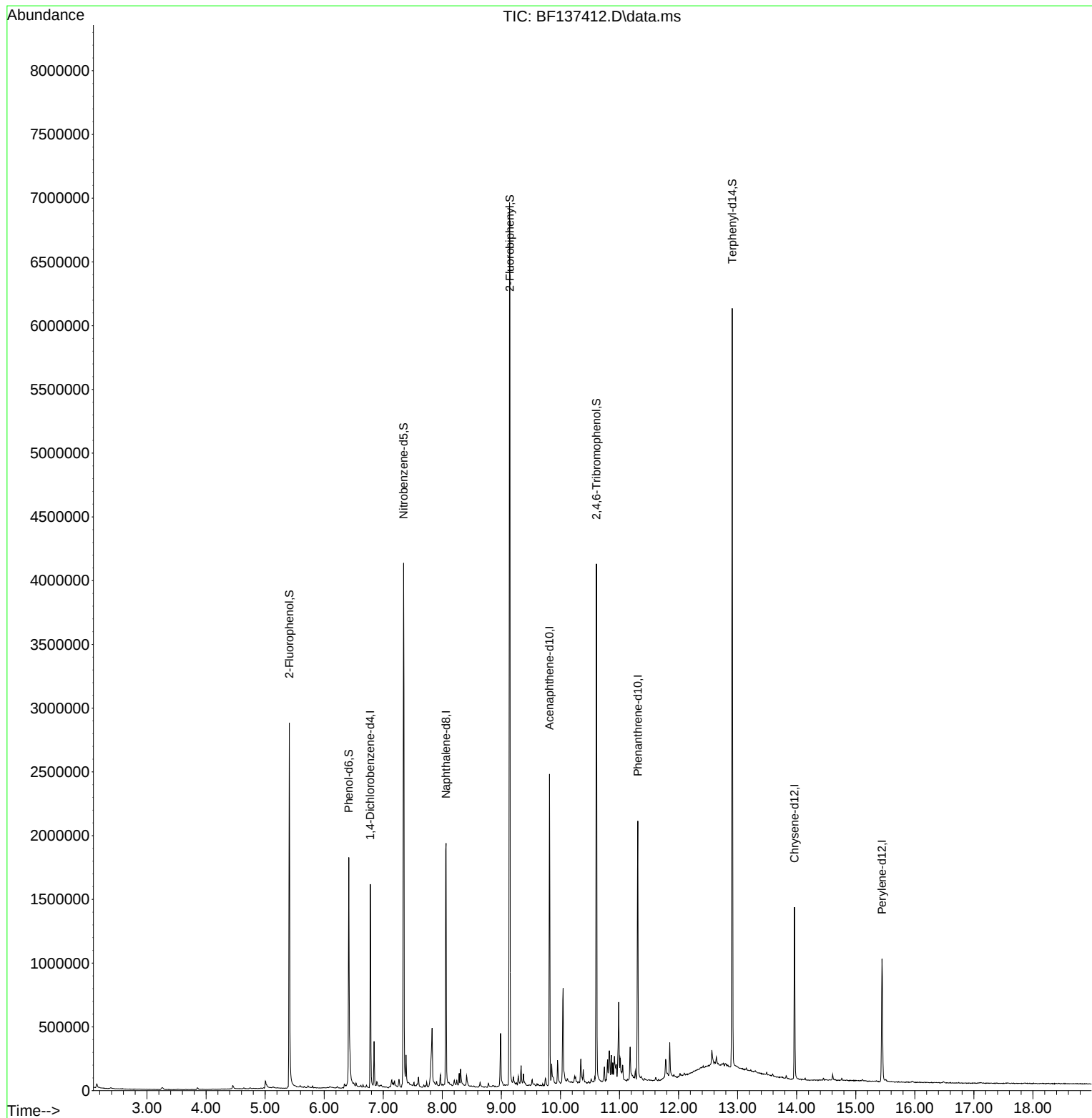
Target Compounds	Qvalue

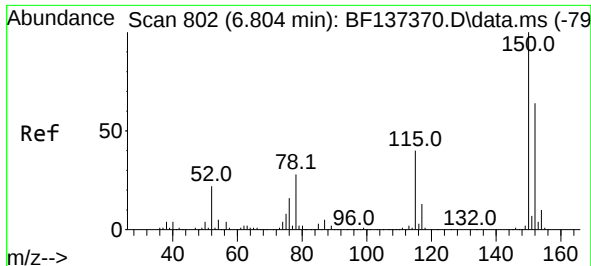
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF137412.D
 Acq: 27 Feb 2024 18:43

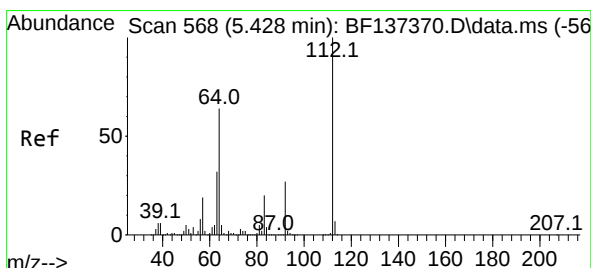
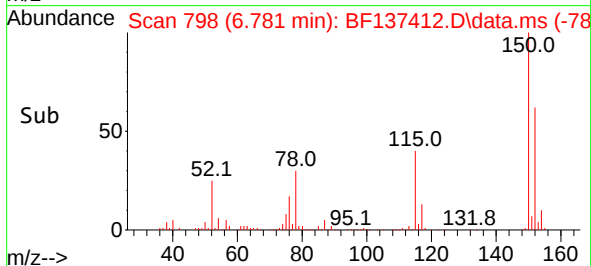
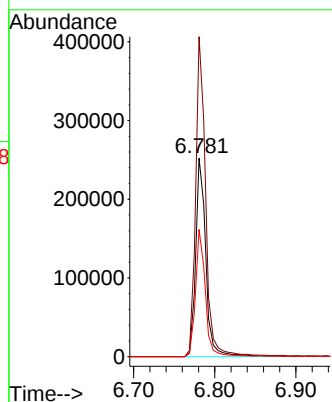
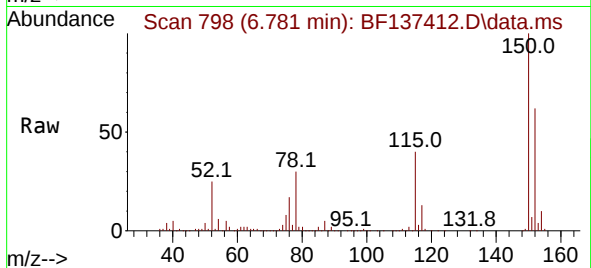
Instrument :

BNA_F

ClientSampleId :

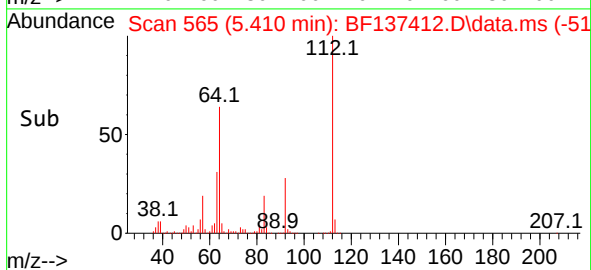
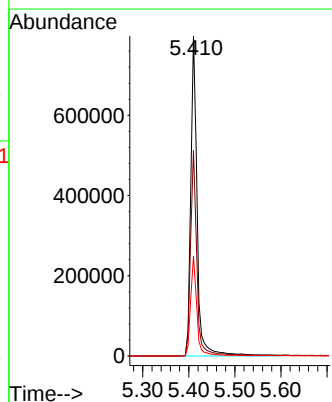
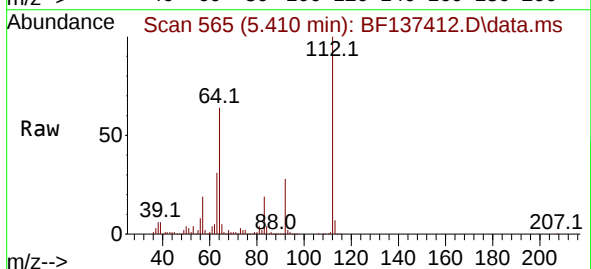
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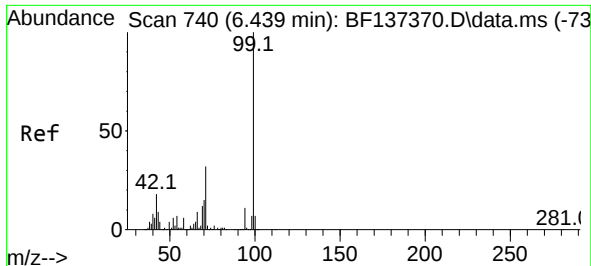
Tgt Ion:152 Resp: 221085
 Ion Ratio Lower Upper
 152 100
 150 161.2 125.7 188.5
 115 64.1 49.8 74.8



#5
 2-Fluorophenol
 Concen: 53.521 ng
 RT: 5.410 min Scan# 565
 Delta R.T. -0.018 min
 Lab File: BF137412.D
 Acq: 27 Feb 2024 18:43

Tgt Ion:112 Resp: 766849
 Ion Ratio Lower Upper
 112 100
 64 64.2 51.0 76.6
 63 31.1 25.7 38.5





#7
Phenol-d6
Concen: 28.757 ng
RT: 6.416 min Scan# 71
Delta R.T. -0.024 min
Lab File: BF137412.D
Acq: 27 Feb 2024 18:43

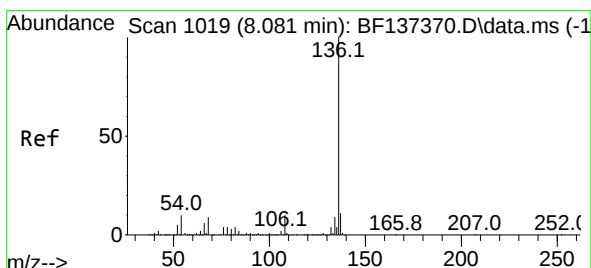
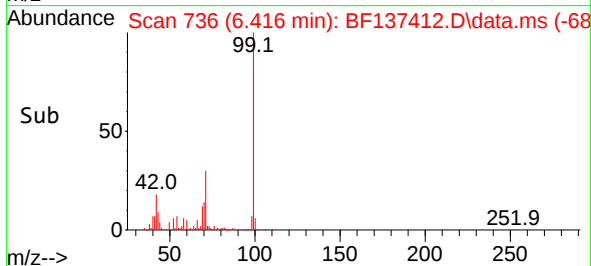
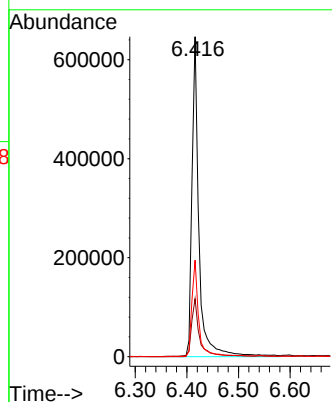
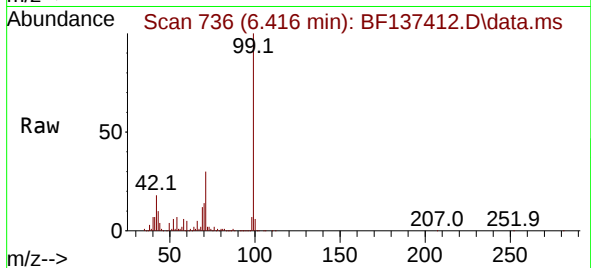
Instrument :

BNA_F

ClientSampleId :

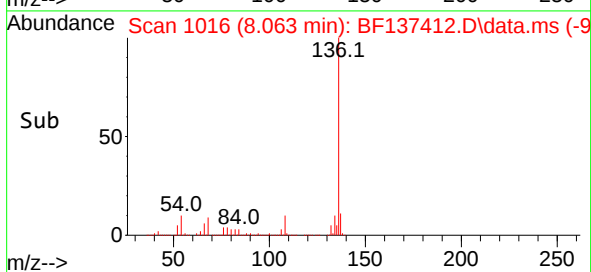
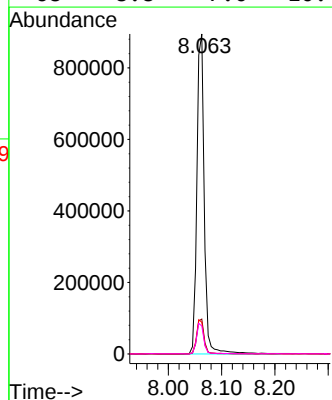
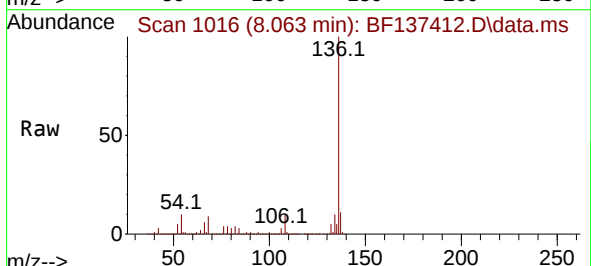
20241104-AMENDED-COMPOSITE-35N-N-4-03

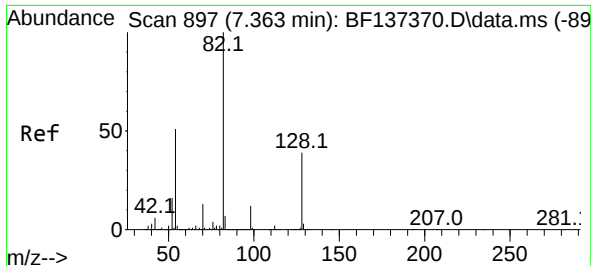
Tgt Ion: 99 Resp: 606102
Ion Ratio Lower Upper
99 100
42 18.1 14.2 21.4
71 30.1 25.2 37.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.063 min Scan# 1016
Delta R.T. -0.018 min
Lab File: BF137412.D
Acq: 27 Feb 2024 18:43

Tgt Ion: 136 Resp: 864279
Ion Ratio Lower Upper
136 100
137 10.9 9.0 13.4
54 9.9 7.8 11.6
68 8.8 7.0 10.4





#23

Nitrobenzene-d5

Concen: 87.818 ng

RT: 7.345 min Scan# 89

Delta R.T. -0.018 min

Lab File: BF137412.D

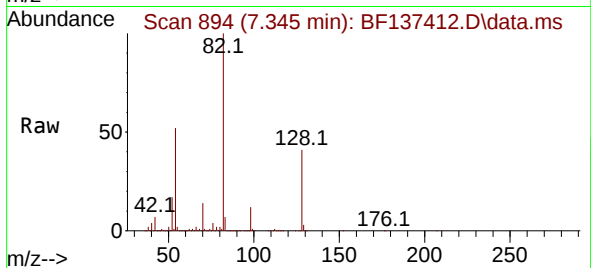
Acq: 27 Feb 2024 18:43

Instrument :

BNA_F

ClientSampleId :

20241104-AMENDED-COMPOSITE-35N-N-4-03



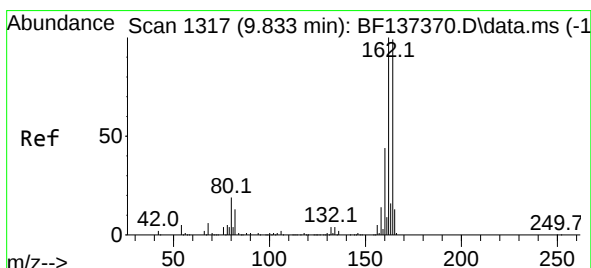
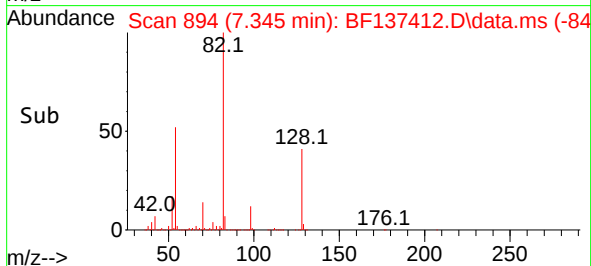
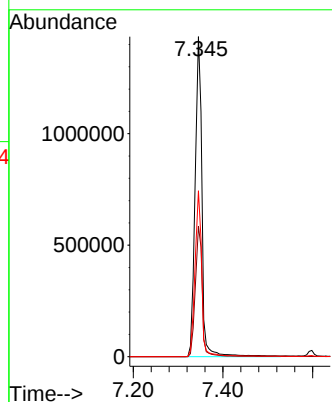
Tgt Ion: 82 Resp: 1520273

Ion Ratio Lower Upper

82 100

128 40.7 30.8 46.2

54 51.8 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: BF137412.D

Acq: 27 Feb 2024 18:43

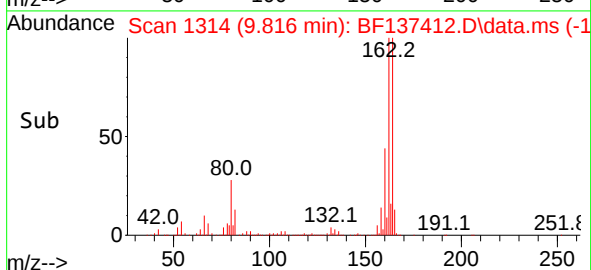
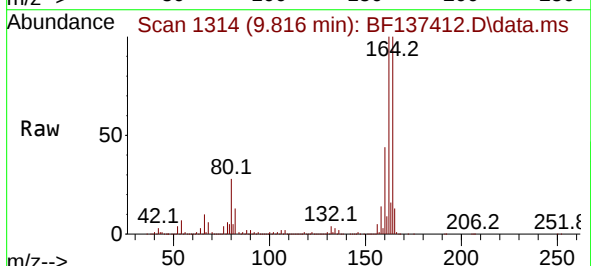
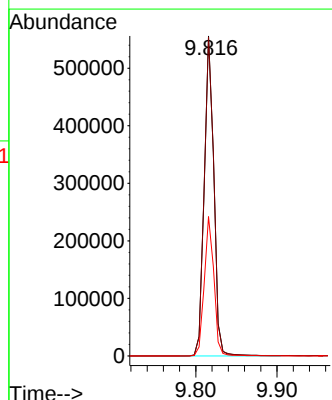
Tgt Ion:164 Resp: 455499

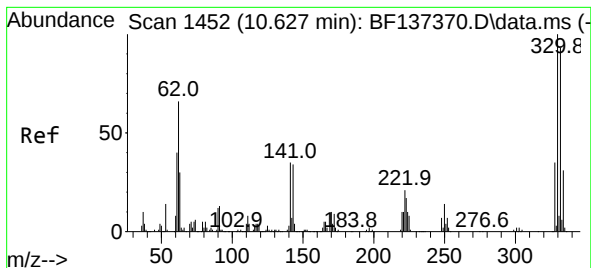
Ion Ratio Lower Upper

164 100

162 99.7 81.2 121.8

160 43.5 35.7 53.5





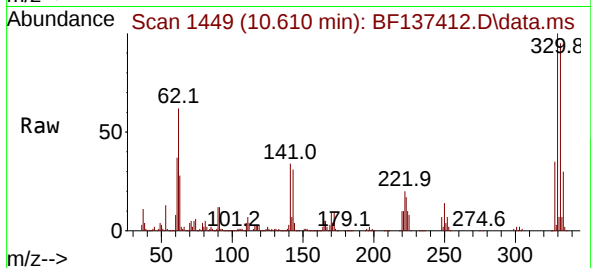
#42
2,4,6-Tribromophenol
Concen: 116.115 ng
RT: 10.610 min Scan# 1452
Delta R.T. -0.018 min
Lab File: BF137412.D
Acq: 27 Feb 2024 18:43

Instrument :

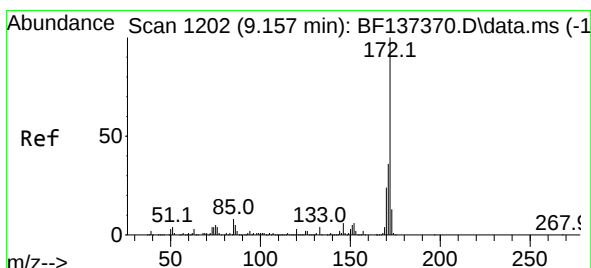
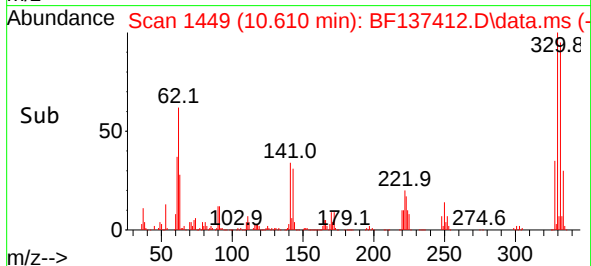
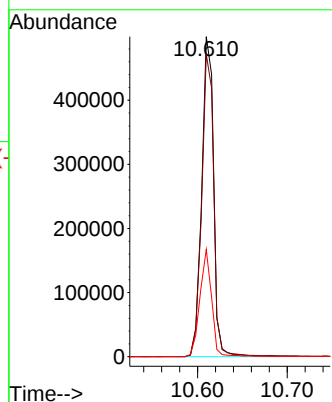
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ClientSampleId :

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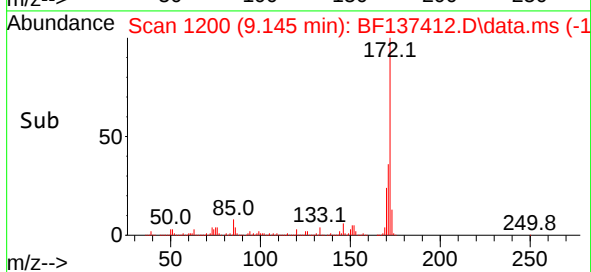
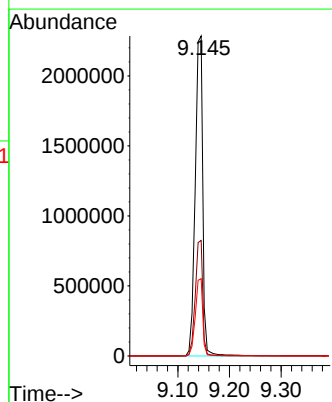
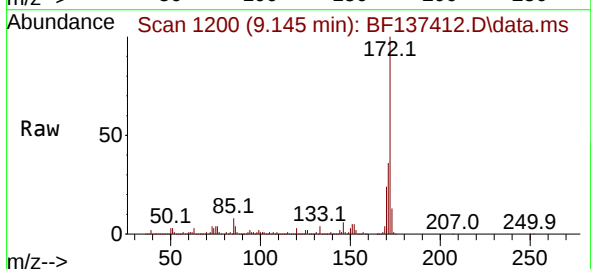


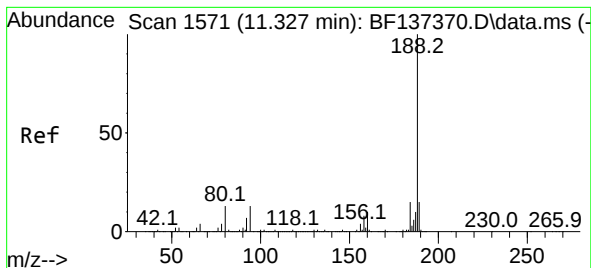
Tgt Ion:330 Resp: 460569
Ion Ratio Lower Upper
330 100
332 95.6 75.6 113.4
141 32.8 28.6 42.8



#45
2-Fluorobiphenyl
Concen: 79.176 ng
RT: 9.145 min Scan# 1200
Delta R.T. -0.012 min
Lab File: BF137412.D
Acq: 27 Feb 2024 18:43

Tgt Ion:172 Resp: 2316513
Ion Ratio Lower Upper
172 100
171 36.1 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: BF137412.D

Acq: 27 Feb 2024 18:43

Instrument :

BNA_F

ClientSampleId :

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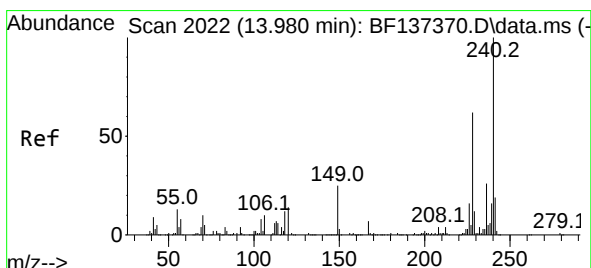
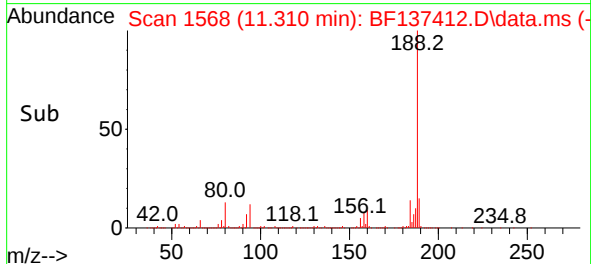
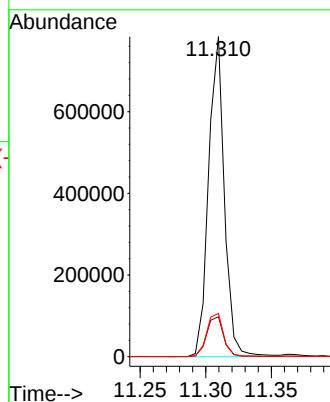
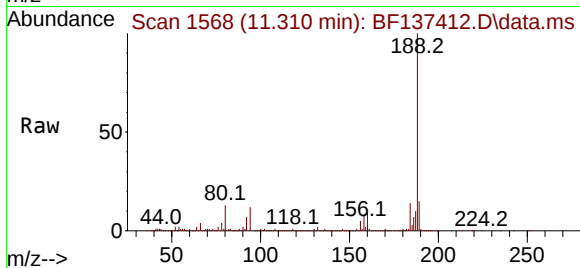
Tgt Ion:188 Resp: 659456

Ion Ratio Lower Upper

188 100

94 12.4 10.2 15.2

80 13.5 10.7 16.1



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.962 min Scan# 2019

Delta R.T. -0.018 min

Lab File: BF137412.D

Acq: 27 Feb 2024 18:43

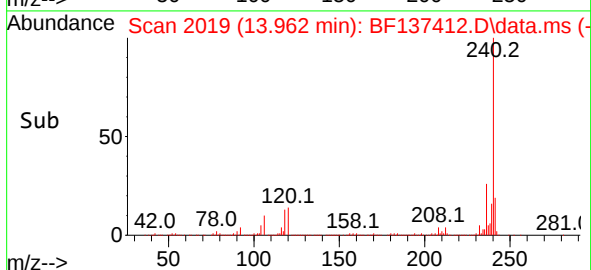
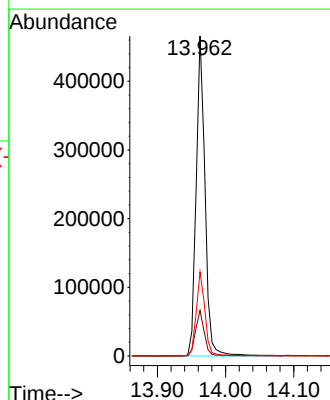
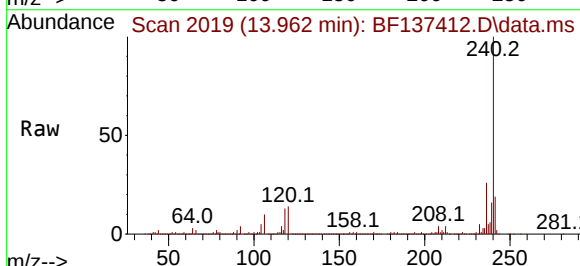
Tgt Ion:240 Resp: 420237

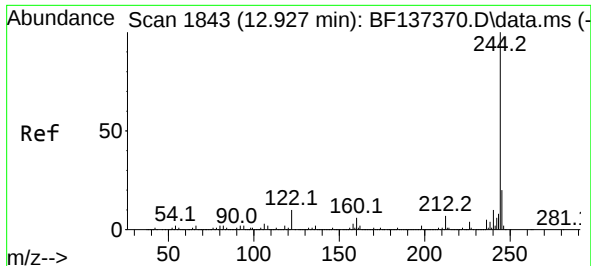
Ion Ratio Lower Upper

240 100

120 14.2 11.3 16.9

236 26.3 20.5 30.7





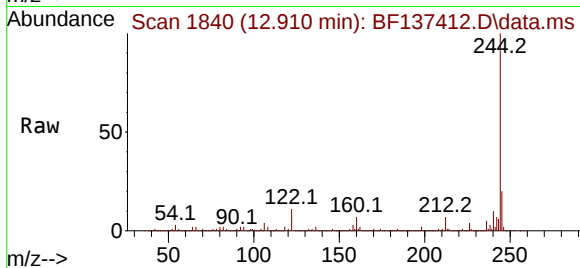
#79
 Terphenyl-d14
 Concen: 66.202 ng
 RT: 12.910 min Scan# 1840
 Delta R.T. -0.018 min
 Lab File: BF137412.D
 Acq: 27 Feb 2024 18:43

Instrument :

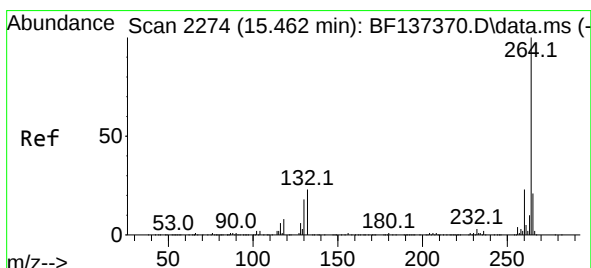
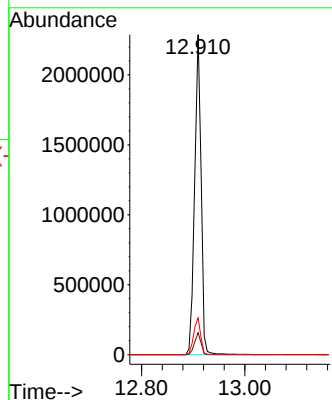
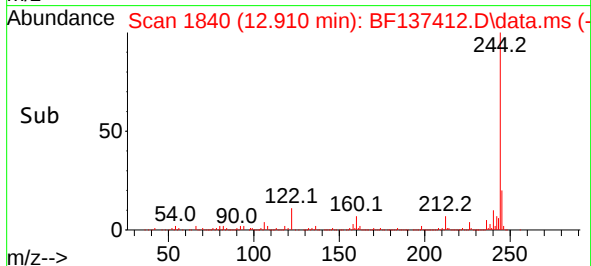
BNA_F

ClientSampleId :

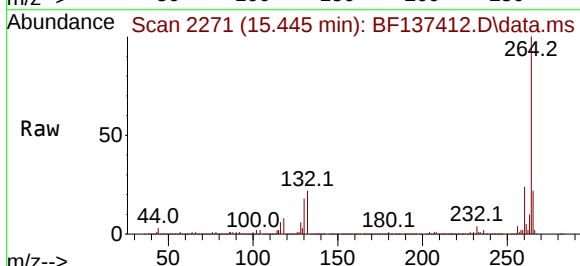
20241104-AMENDED-COMPOSITE-35N-N-4-03



Tgt Ion:244 Resp: 1989065
 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: BF137412.D
 Acq: 27 Feb 2024 18:43



Tgt Ion:264 Resp: 444402
 Ion Ratio Lower Upper
 264 100
 260 24.3 18.5 27.7
 265 21.8 16.9 25.3

