

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120723\
 Data File : BF136445.D
 Acq On : 07 Dec 2023 14:13
 Operator : CG\JU
 Sample : 05620-02
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CGM-CON

Quant Time: Dec 07 15:55:19 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 06 09:40:27 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

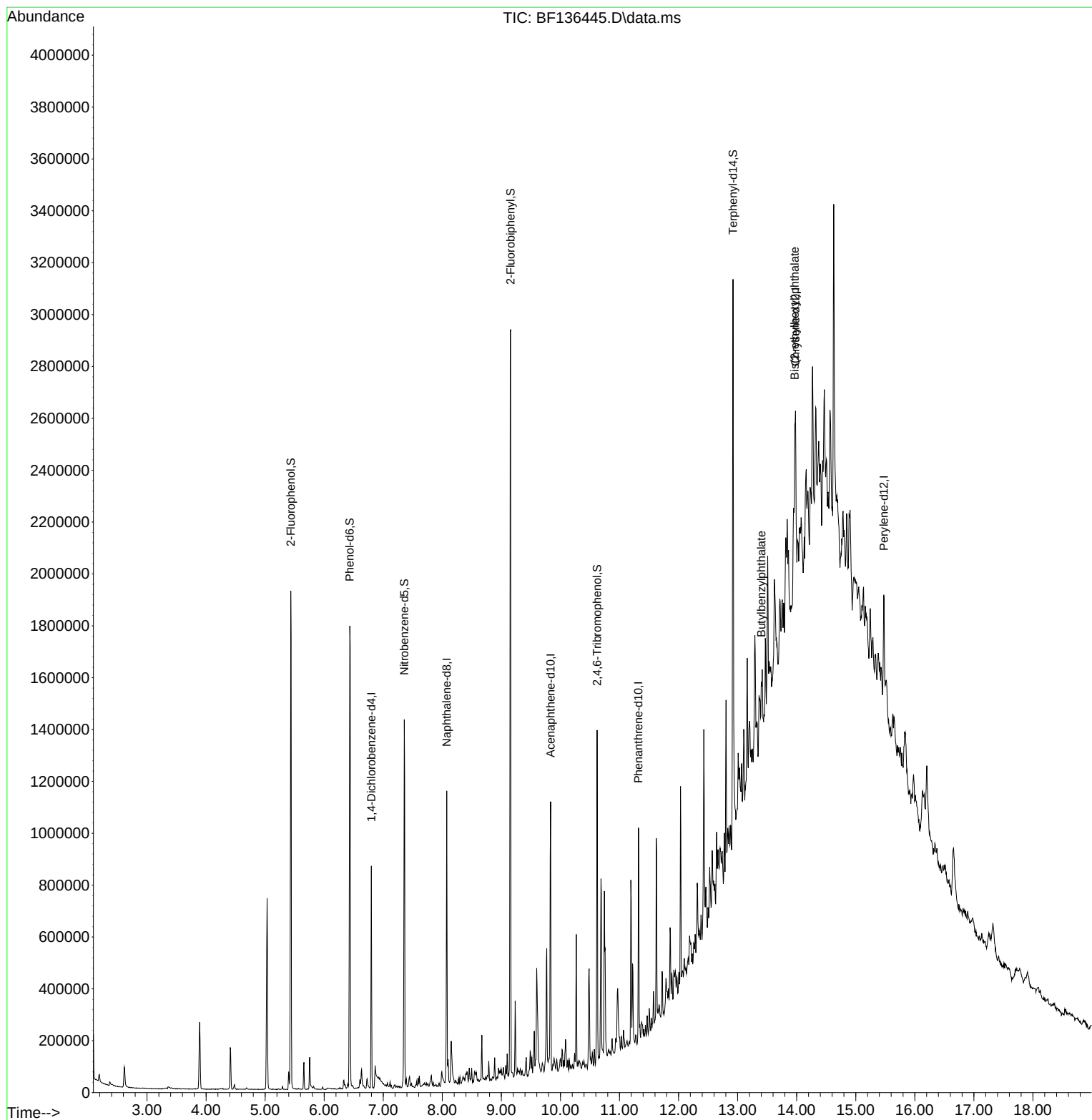
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.798	152	111250	20.000	ng	0.00
21) Naphthalene-d8	8.075	136	442308	20.000	ng	0.00
39) Acenaphthene-d10	9.833	164	201272	20.000	ng	0.00
64) Phenanthrene-d10	11.322	188	280826	20.000	ng	0.00
76) Chrysene-d12	13.980	240	190739	20.000	ng	# 0.00
86) Perylene-d12	15.474	264	235440	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	568180	75.425	ng	0.00
7) Phenol-d6	6.434	99	748484	79.638	ng	-0.01
23) Nitrobenzene-d5	7.357	82	480848	58.771	ng	-0.01
42) 2,4,6-Tribromophenol	10.622	330	154462	62.240	ng	-0.01
45) 2-Fluorobiphenyl	9.157	172	952591	64.580	ng	0.00
79) Terphenyl-d14	12.921	244	684915	47.329	ng	0.00
Target Compounds						
80) Butylbenzylphthalate	13.404	149	25009	3.761	ng	# 83
84) Bis(2-ethylhexyl)phtha...	13.968	149	149343	18.320	ng	97

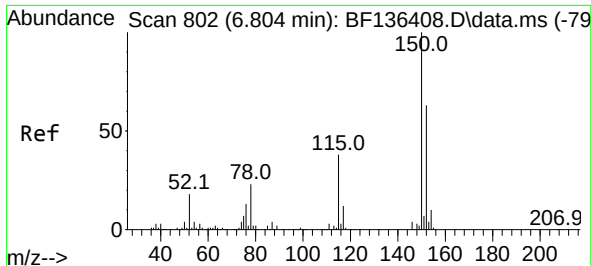
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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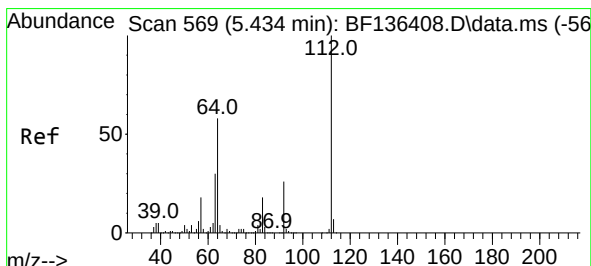
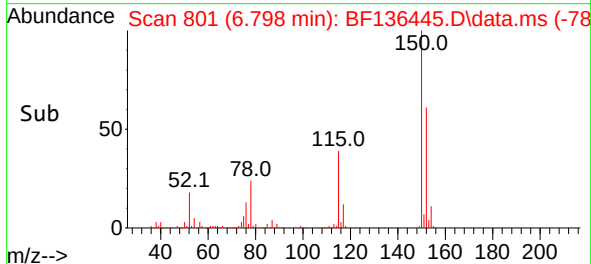
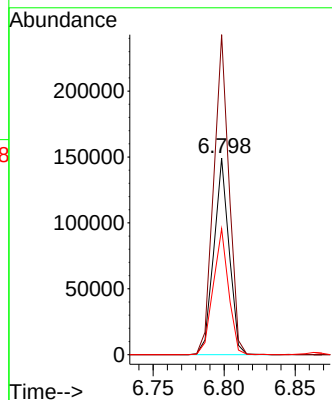
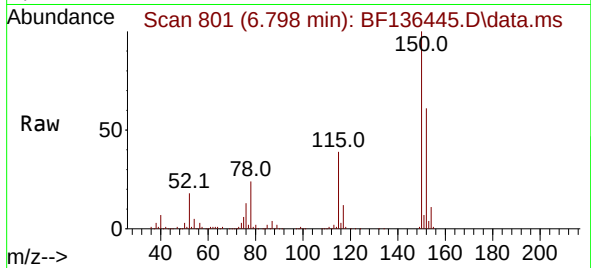




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.798 min Scan# 802
Delta R.T. -0.006 min
Lab File: BF136445.D
Acq: 07 Dec 2023 14:13

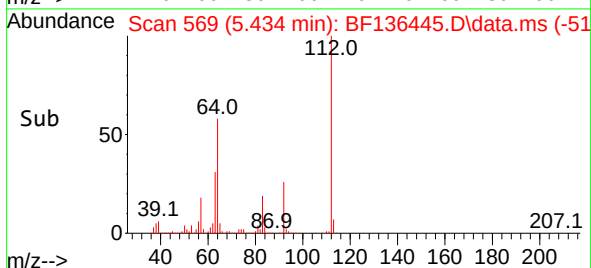
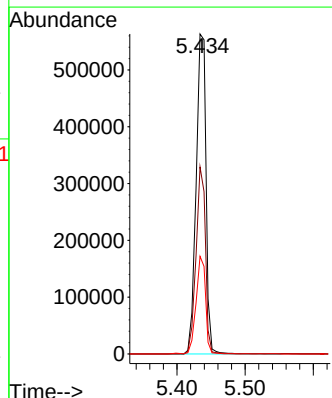
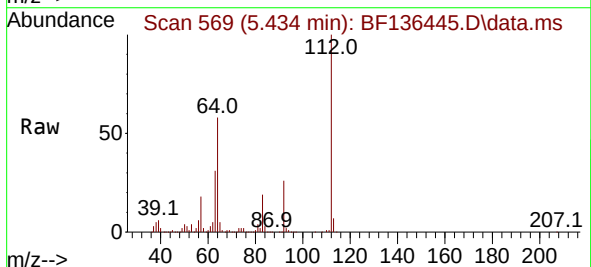
Instrument :
BNA_F
ClientSampleId :
CGM-CON

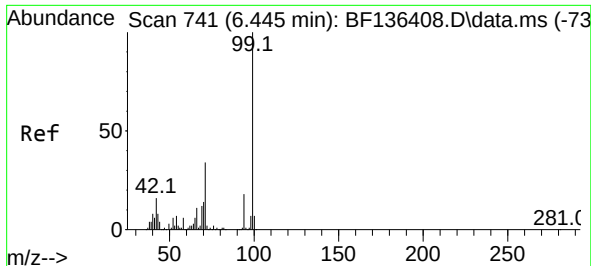
Tgt Ion:152 Resp: 111250
Ion Ratio Lower Upper
152 100
150 162.8 126.4 189.6
115 64.1 48.2 72.4



#5
2-Fluorophenol
Concen: 75.425 ng
RT: 5.434 min Scan# 569
Delta R.T. -0.000 min
Lab File: BF136445.D
Acq: 07 Dec 2023 14:13

Tgt Ion:112 Resp: 568180
Ion Ratio Lower Upper
112 100
64 58.4 46.5 69.7
63 30.5 23.9 35.9

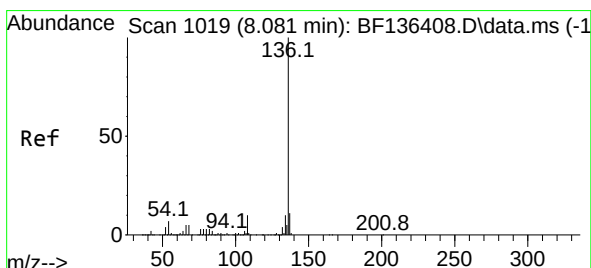
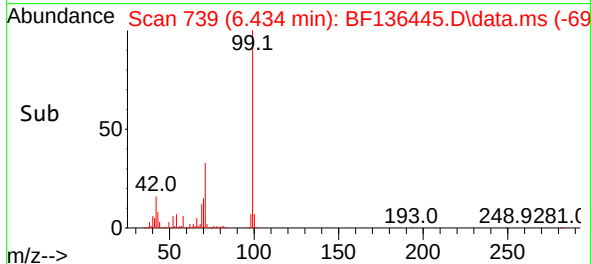
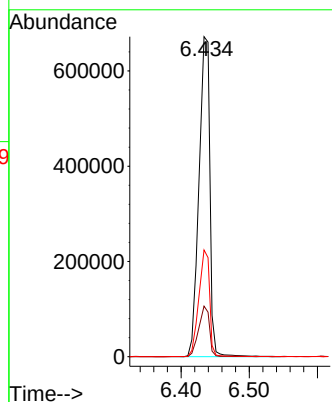
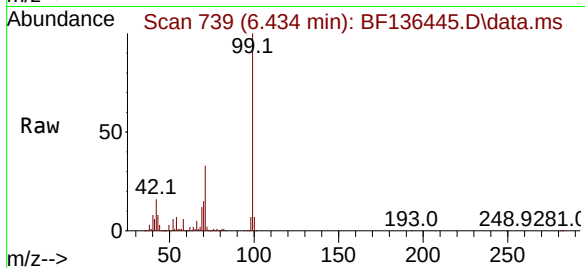




#7
Phenol-d6
Concen: 79.638 ng
RT: 6.434 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF136445.D
Acq: 07 Dec 2023 14:13

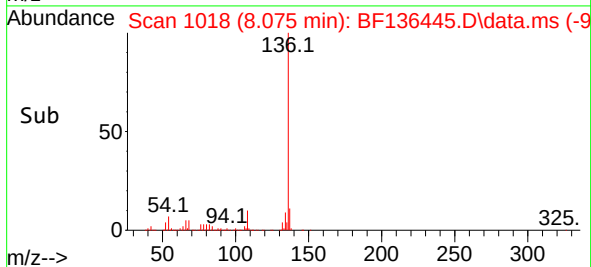
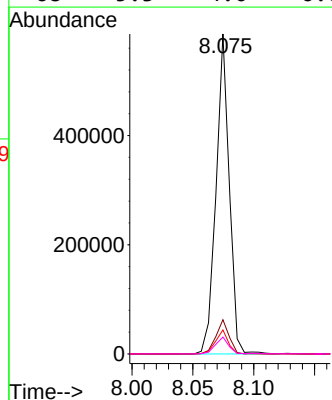
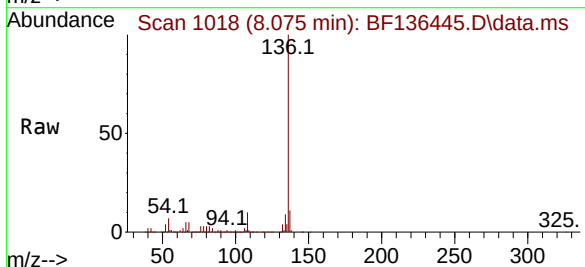
Instrument :
BNA_F
ClientSampleId :
CGM-CON

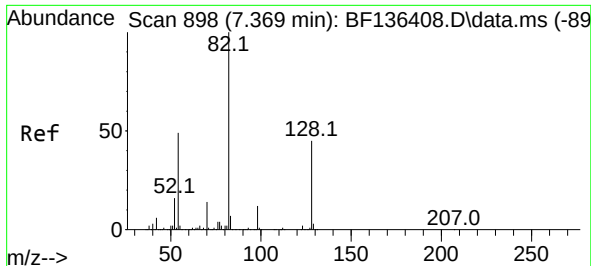
Tgt Ion: 99 Resp: 748484
Ion Ratio Lower Upper
99 100
42 15.8 12.8 19.2
71 33.4 27.0 40.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.075 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BF136445.D
Acq: 07 Dec 2023 14:13

Tgt Ion:136 Resp: 442308
Ion Ratio Lower Upper
136 100
137 10.7 8.6 12.8
54 7.5 5.7 8.5
68 5.3 4.0 6.0





#23

Nitrobenzene-d5

Concen: 58.771 ng

RT: 7.357 min Scan# 89

Delta R.T. -0.012 min

Lab File: BF136445.D

Acq: 07 Dec 2023 14:13

Instrument :

BNA_F

ClientSampleId :

CGM-CON

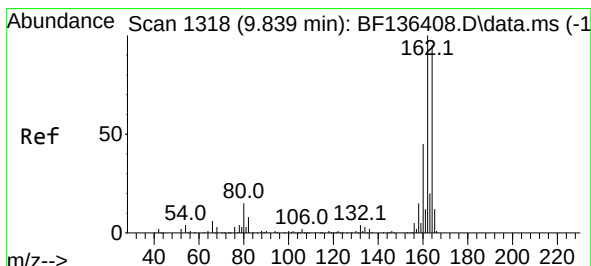
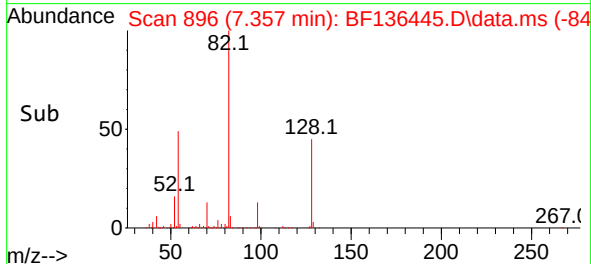
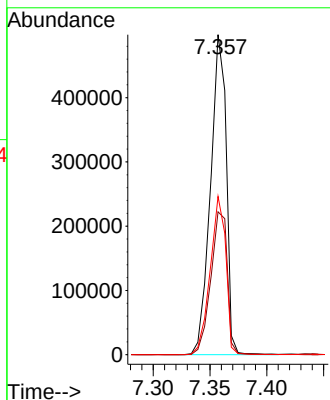
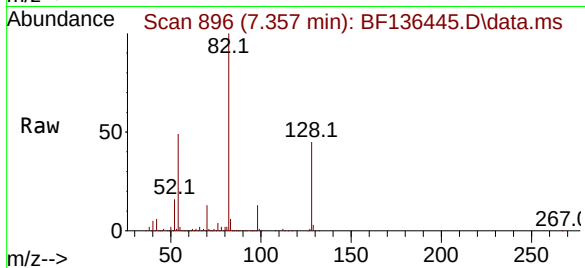
Tgt Ion: 82 Resp: 480848

Ion Ratio Lower Upper

82 100

128 44.6 36.3 54.5

54 49.5 39.0 58.6



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.833 min Scan# 1317

Delta R.T. -0.006 min

Lab File: BF136445.D

Acq: 07 Dec 2023 14:13

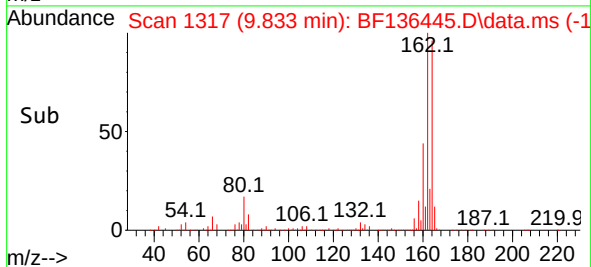
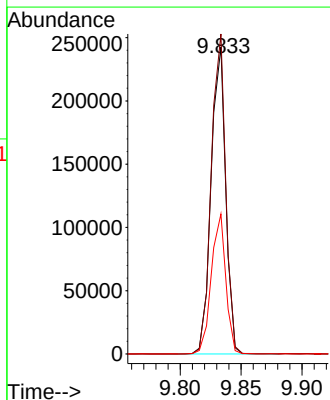
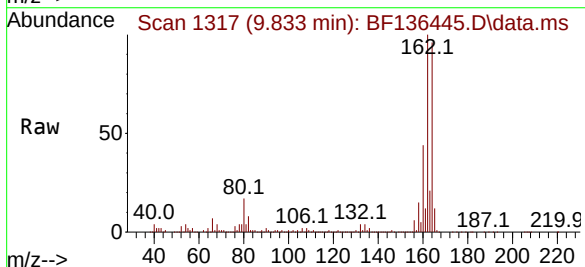
Tgt Ion:164 Resp: 201272

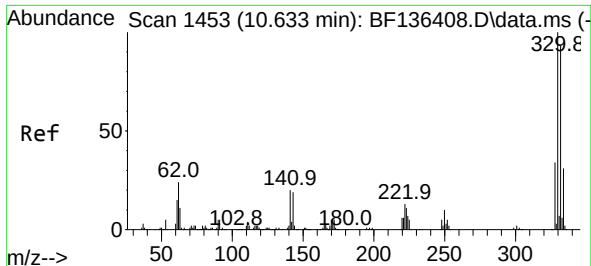
Ion Ratio Lower Upper

164 100

162 104.2 84.4 126.6

160 45.6 37.6 56.4





#42

2,4,6-Tribromophenol

Concen: 62.240 ng

RT: 10.622 min Scan# 1451

Delta R.T. -0.012 min

Lab File: BF136445.D

Acq: 07 Dec 2023 14:13

Instrument :

BNA_F

ClientSampleId :

CGM-CON

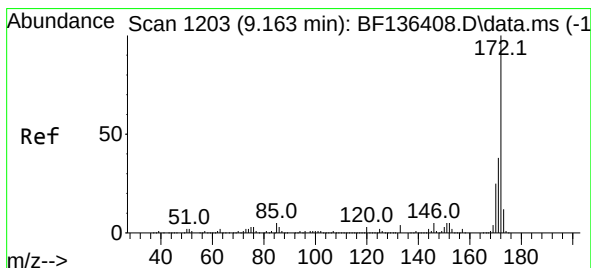
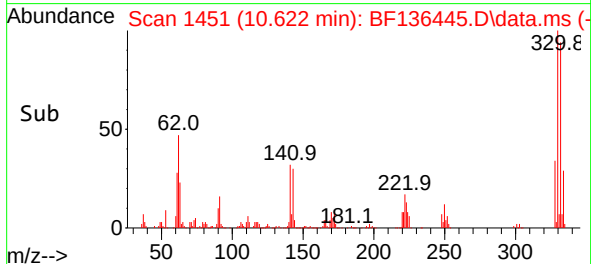
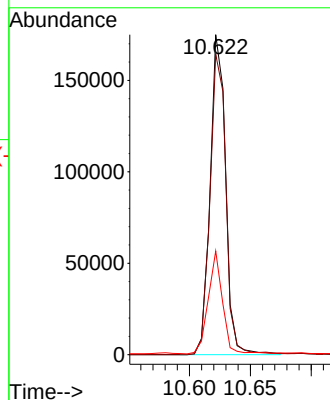
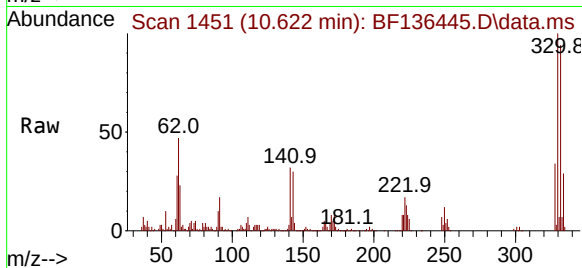
Tgt Ion:330 Resp: 154462

Ion Ratio Lower Upper

330 100

332 96.6 76.4 114.6

141 29.7 23.4 35.2



#45

2-Fluorobiphenyl

Concen: 64.580 ng

RT: 9.157 min Scan# 1202

Delta R.T. -0.006 min

Lab File: BF136445.D

Acq: 07 Dec 2023 14:13

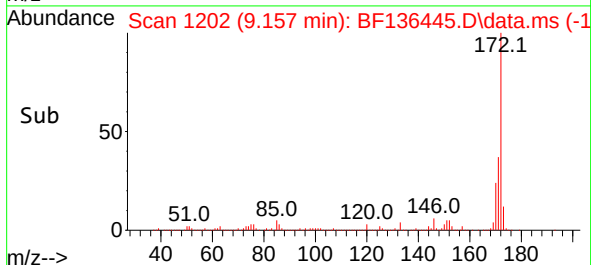
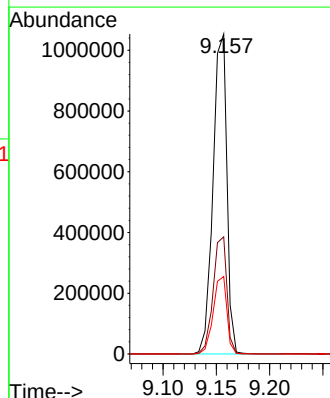
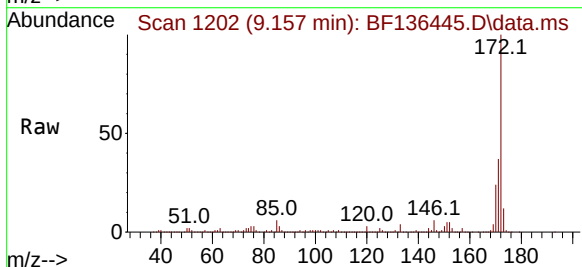
Tgt Ion:172 Resp: 952591

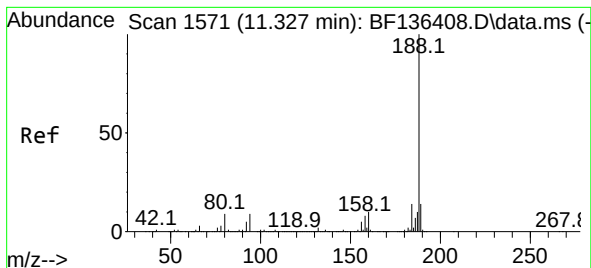
Ion Ratio Lower Upper

172 100

171 36.6 30.5 45.7

170 24.2 19.9 29.9





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.322 min Scan# 1571

Delta R.T. -0.006 min

Lab File: BF136445.D

Acq: 07 Dec 2023 14:13

Instrument :

BNA_F

ClientSampleId :

CGM-CON

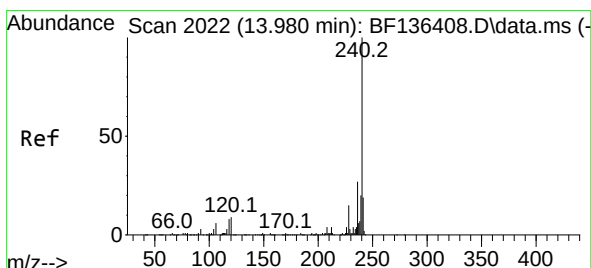
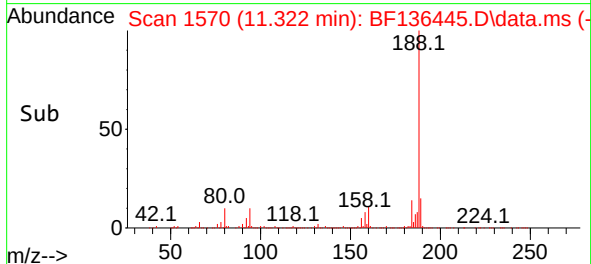
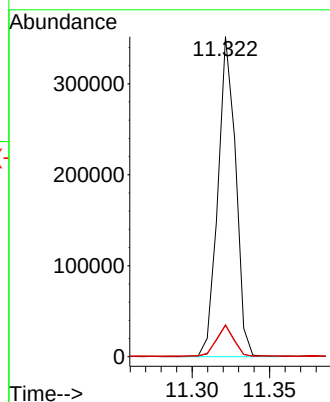
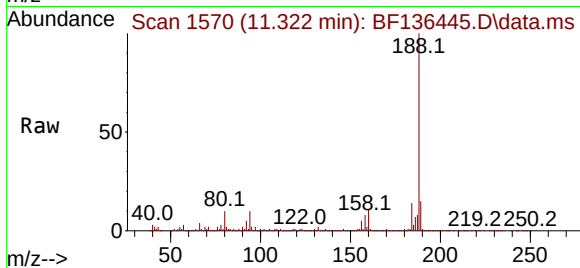
Tgt Ion:188 Resp: 280826

Ion Ratio Lower Upper

188 100

94 10.0 7.2 10.8

80 9.8 7.2 10.8



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.980 min Scan# 2022

Delta R.T. -0.000 min

Lab File: BF136445.D

Acq: 07 Dec 2023 14:13

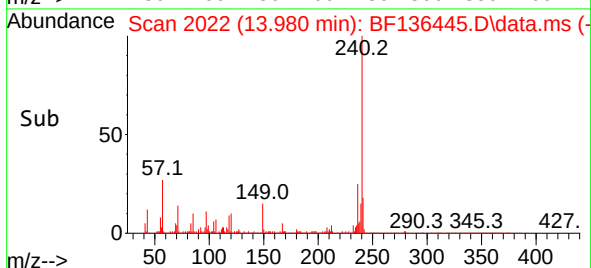
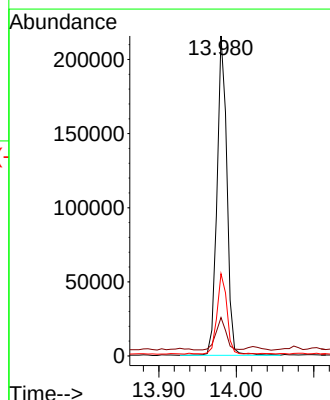
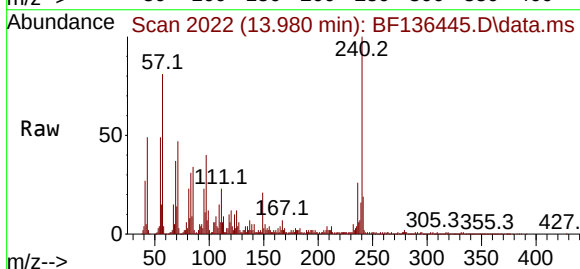
Tgt Ion:240 Resp: 190739

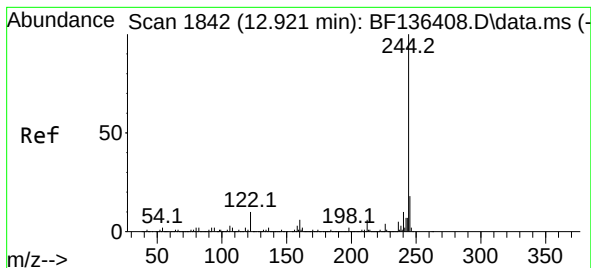
Ion Ratio Lower Upper

240 100

120 12.0 7.3 10.9#

236 25.7 21.3 31.9





#79

Terphenyl-d14

Concen: 47.329 ng

RT: 12.921 min Scan# 1842

Delta R.T. -0.000 min

Lab File: BF136445.D

Acq: 07 Dec 2023 14:13

Instrument :

BNA_F

ClientSampleId :

CGM-CON

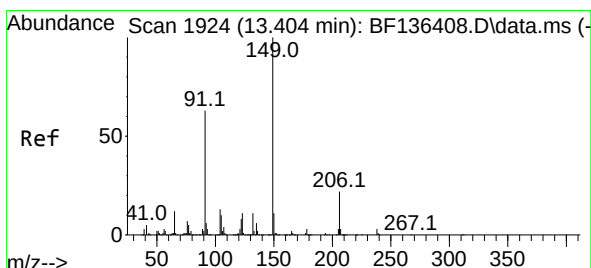
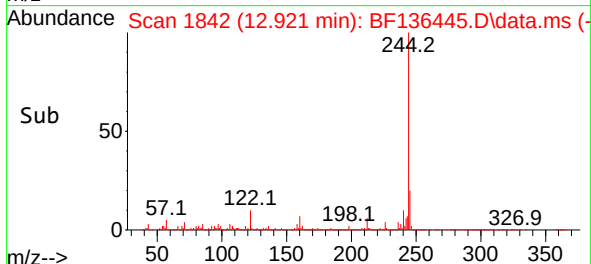
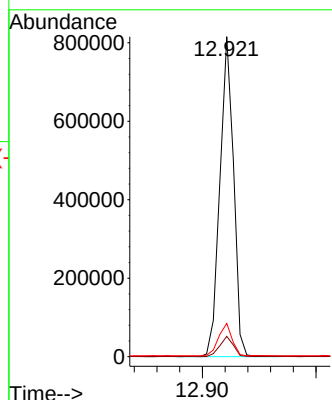
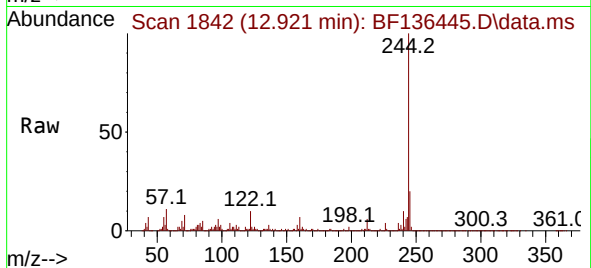
Tgt Ion:244 Resp: 684915

Ion Ratio Lower Upper

244 100

212 6.4 5.0 7.4

122 10.4 8.3 12.5



#80

Butylbenzylphthalate

Concen: 3.761 ng

RT: 13.404 min Scan# 1924

Delta R.T. -0.000 min

Lab File: BF136445.D

Acq: 07 Dec 2023 14:13

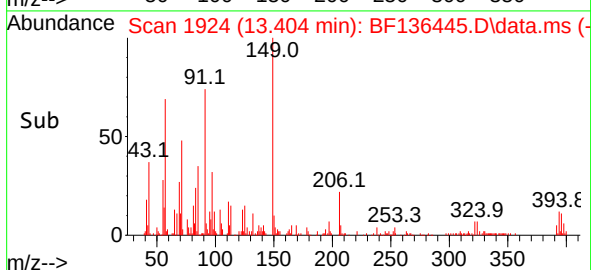
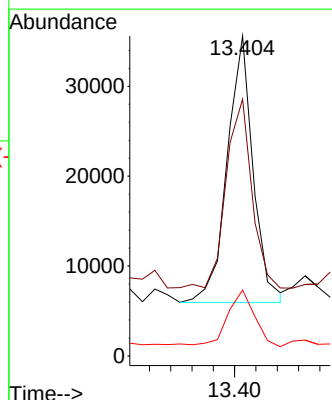
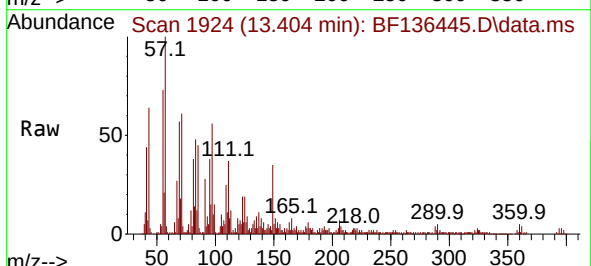
Tgt Ion:149 Resp: 25009

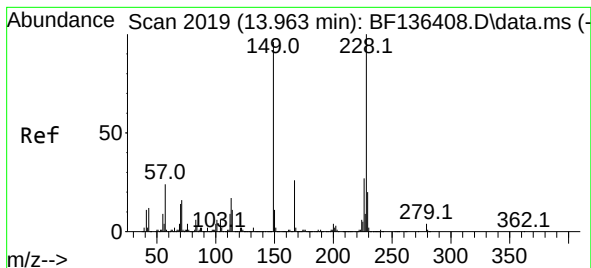
Ion Ratio Lower Upper

149 100

91 80.3 50.5 75.7#

206 20.6 17.4 26.2

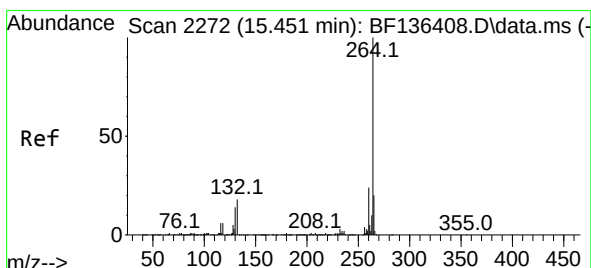
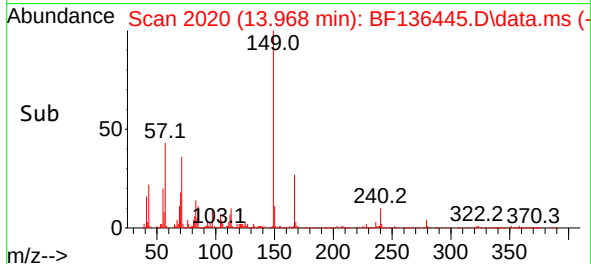
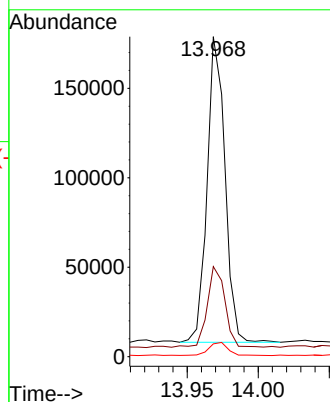
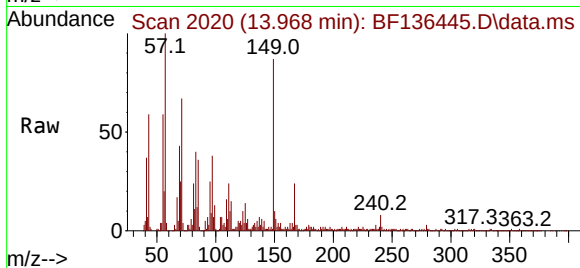




#84
Bis(2-ethylhexyl)phthalate
Concen: 18.320 ng
RT: 13.968 min Scan# 2019
Delta R.T. 0.006 min
Lab File: BF136445.D
Acq: 07 Dec 2023 14:13

Instrument :
BNA_F
ClientSampleId :
CGM-CON

Tgt Ion:149 Resp: 149343
Ion Ratio Lower Upper
149 100
167 28.2 21.2 31.8
279 4.0 3.1 4.7



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.474 min Scan# 2276
Delta R.T. 0.023 min
Lab File: BF136445.D
Acq: 07 Dec 2023 14:13

Tgt Ion:264 Resp: 235440
Ion Ratio Lower Upper
264 100
260 23.0 19.2 28.8
265 21.9 15.9 23.9

