

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122723\
 Data File : BF136753.D
 Acq On : 27 Dec 2023 12:21
 Operator : CG\JU
 Sample : 05921-03
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-303-20231218

Quant Time: Dec 27 12:48:17 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 21 01:54:25 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	65967	20.000	ng	-0.01
21) Naphthalene-d8	8.057	136	246961	20.000	ng	-0.01
39) Acenaphthene-d10	9.816	164	124623	20.000	ng	-0.01
64) Phenanthrene-d10	11.310	188	222958	20.000	ng	0.00
76) Chrysene-d12	13.963	240	134529	20.000	ng	# 0.00
86) Perylene-d12	15.439	264	153000	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	171299	40.517	ng	0.00
7) Phenol-d6	6.428	99	117539	21.455	ng	-0.01
23) Nitrobenzene-d5	7.345	82	379188	78.569	ng	-0.01
42) 2,4,6-Tribromophenol	10.610	330	158295	107.851	ng	-0.01
45) 2-Fluorobiphenyl	9.139	172	749193	80.856	ng	-0.01
79) Terphenyl-d14	12.904	244	658961	68.452	ng	-0.01

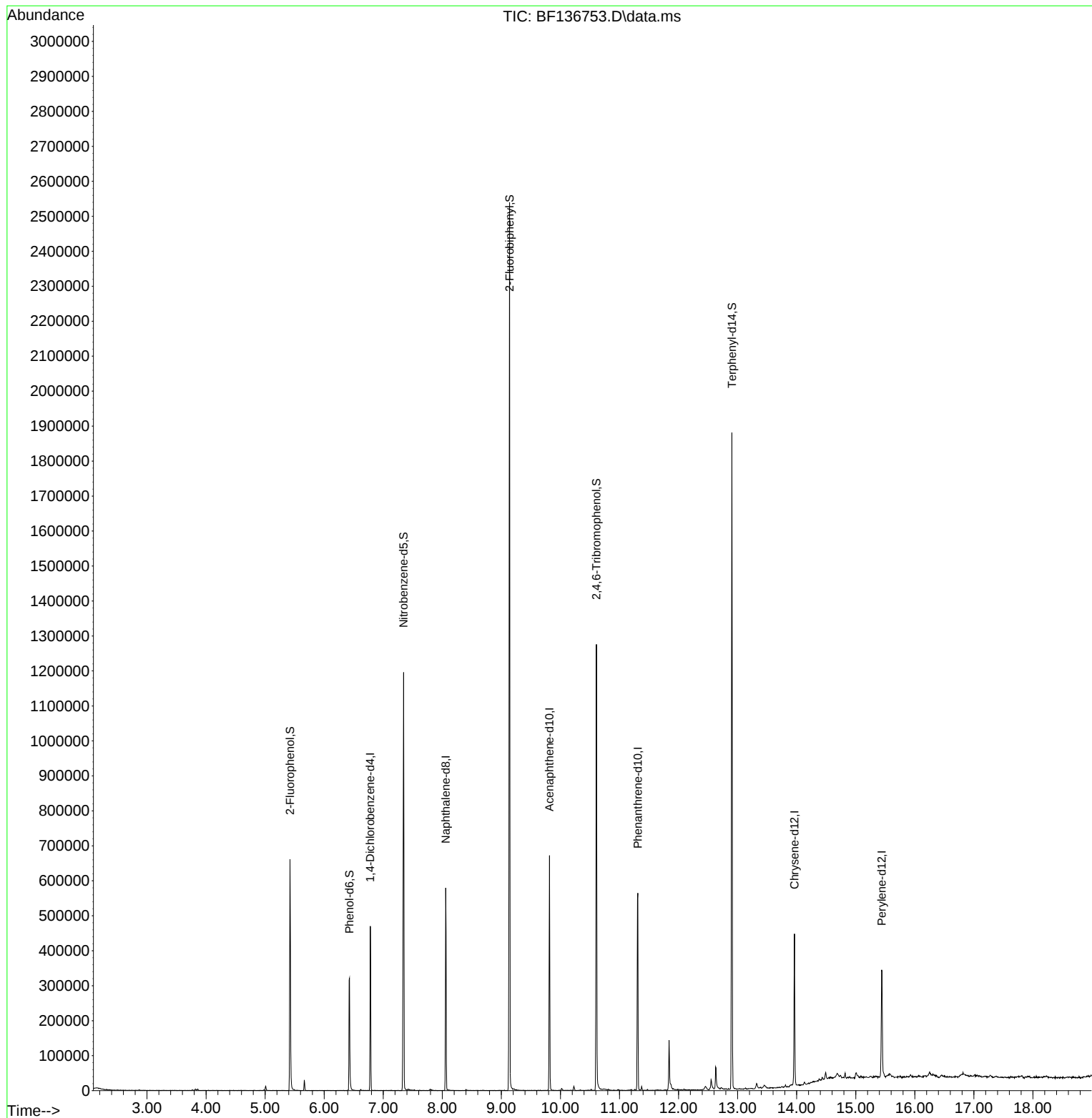
Target Compounds	Qvalue

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

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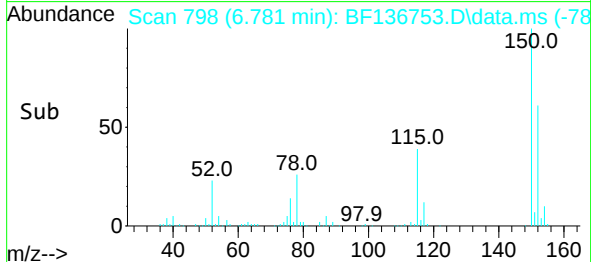
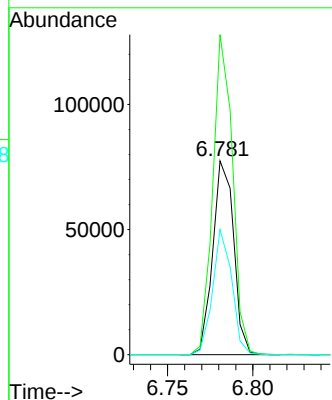
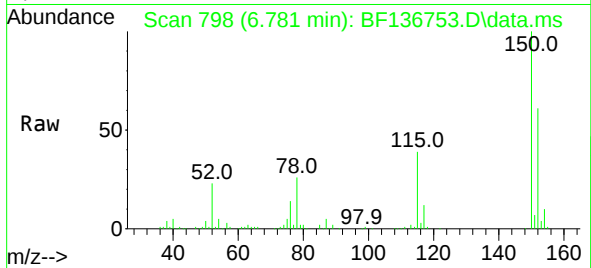




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.781 min Scan# 79
Delta R.T. -0.011 min
Lab File: BF136753.D
Acq: 27 Dec 2023 12:21

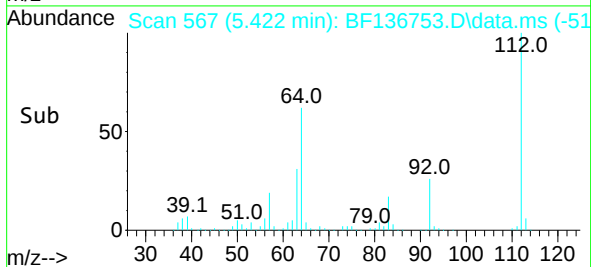
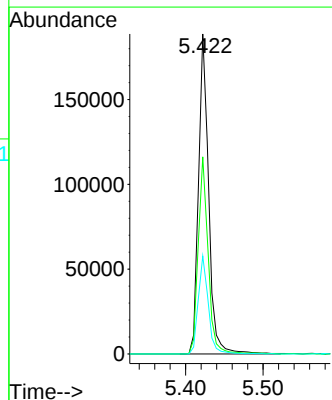
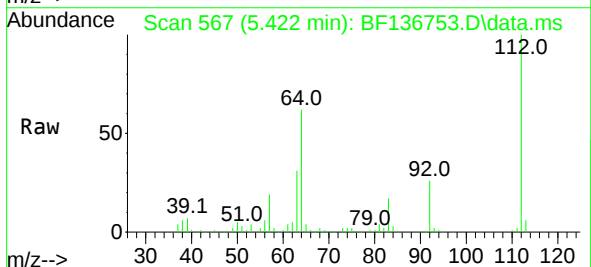
Instrument :
BNA_F
ClientSampleId :
SP-303-20231218

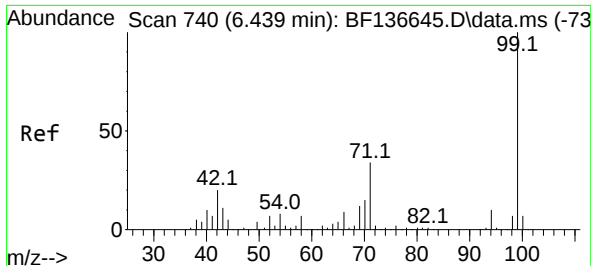
Tgt Ion:152 Resp: 65967
Ion Ratio Lower Upper
152 100
150 165.1 127.0 190.6
115 64.6 49.0 73.4



#5
2-Fluorophenol
Concen: 40.517 ng
RT: 5.422 min Scan# 567
Delta R.T. -0.006 min
Lab File: BF136753.D
Acq: 27 Dec 2023 12:21

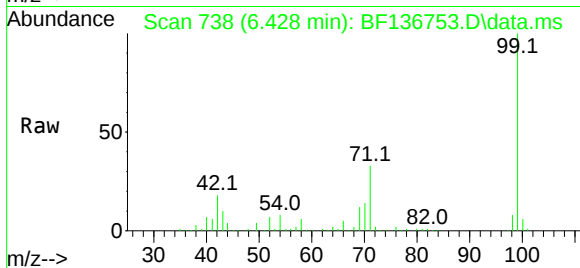
Tgt Ion:112 Resp: 171299
Ion Ratio Lower Upper
112 100
64 61.6 51.1 76.7
63 30.6 26.1 39.1



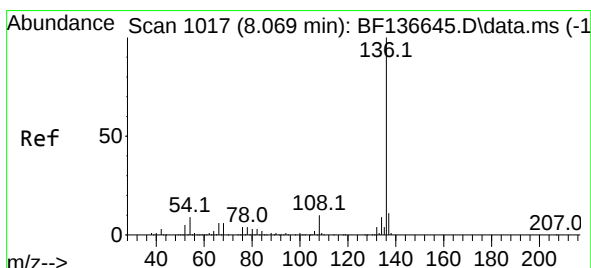
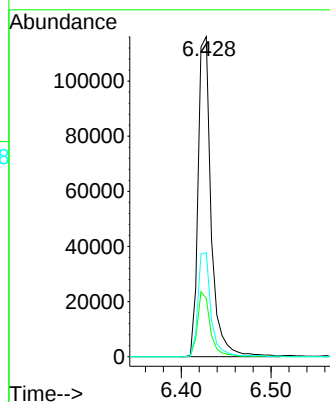
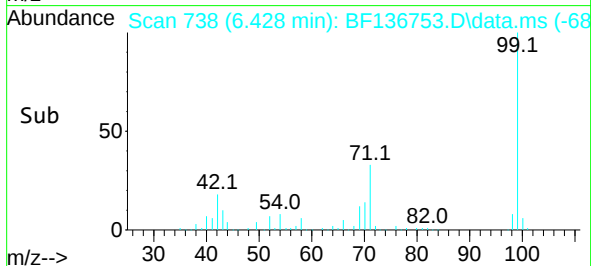


#7
Phenol-d6
Concen: 21.455 ng
RT: 6.428 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF136753.D
Acq: 27 Dec 2023 12:21

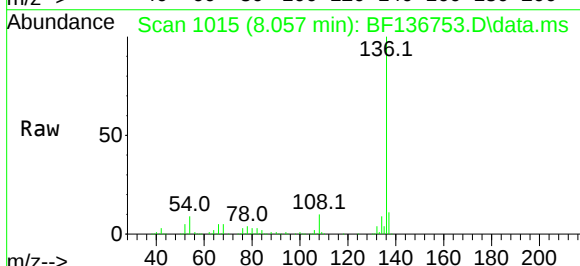
Instrument :
BNA_F
ClientSampleId :
SP-303-20231218



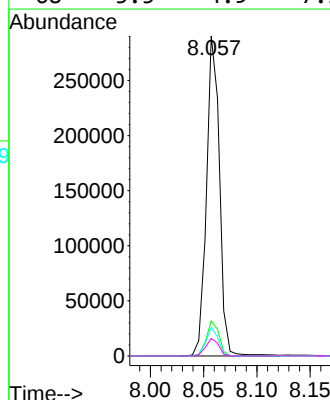
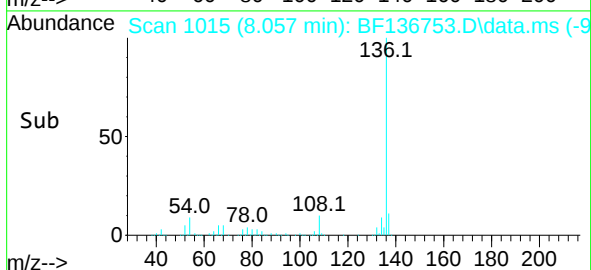
Tgt Ion: 99 Resp: 117539
Ion Ratio Lower Upper
99 100
42 18.2 16.1 24.1
71 32.5 27.4 41.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.057 min Scan# 1015
Delta R.T. -0.012 min
Lab File: BF136753.D
Acq: 27 Dec 2023 12:21



Tgt Ion: 136 Resp: 246961
Ion Ratio Lower Upper
136 100
137 11.0 9.0 13.4
54 9.0 7.2 10.8
68 5.5 4.9 7.3





#23

Nitrobenzene-d5

Concen: 78.569 ng

RT: 7.345 min Scan# 89

Delta R.T. -0.012 min

Lab File: BF136753.D

Acq: 27 Dec 2023 12:21

Instrument :

BNA_F

ClientSampleId :

SP-303-20231218

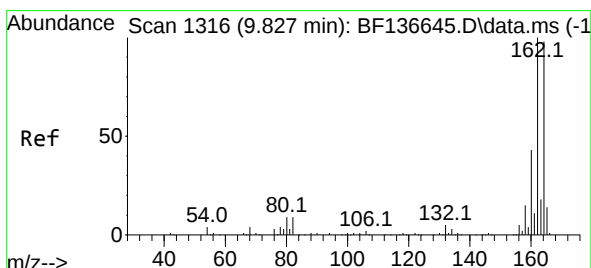
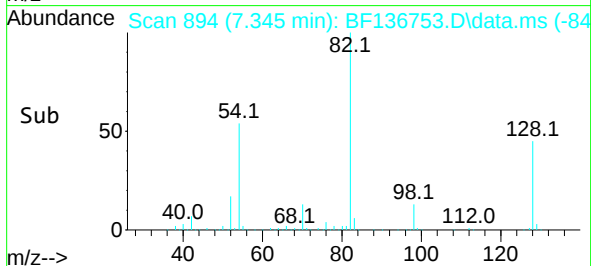
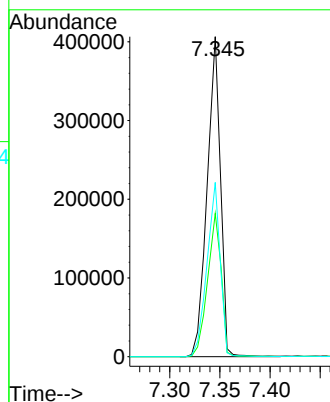
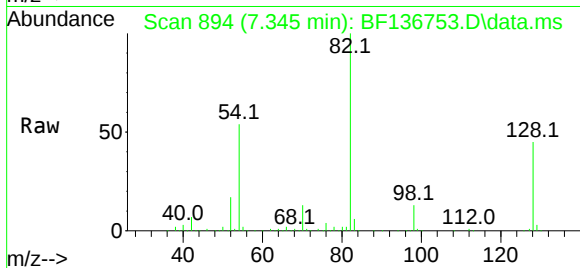
Tgt Ion: 82 Resp: 379188

Ion Ratio Lower Upper

82 100

128 44.8 35.3 52.9

54 54.4 44.5 66.7



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.816 min Scan# 1314

Delta R.T. -0.012 min

Lab File: BF136753.D

Acq: 27 Dec 2023 12:21

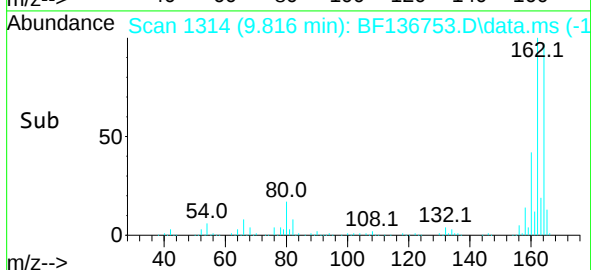
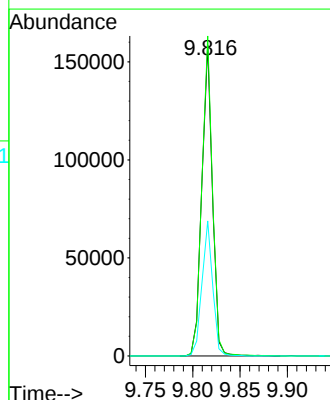
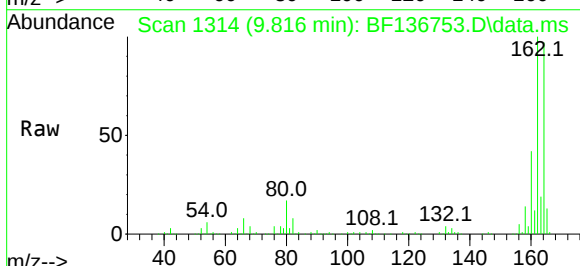
Tgt Ion:164 Resp: 124623

Ion Ratio Lower Upper

164 100

162 103.0 81.6 122.4

160 43.5 34.9 52.3





#42

2,4,6-Tribromophenol

Concen: 107.851 ng

RT: 10.610 min Scan# 1449

Delta R.T. -0.012 min

Lab File: BF136753.D

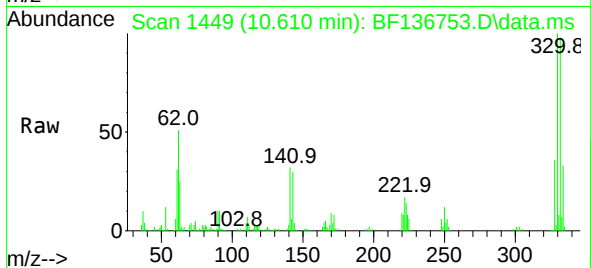
Acq: 27 Dec 2023 12:21

Instrument :

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ClientSampleId :

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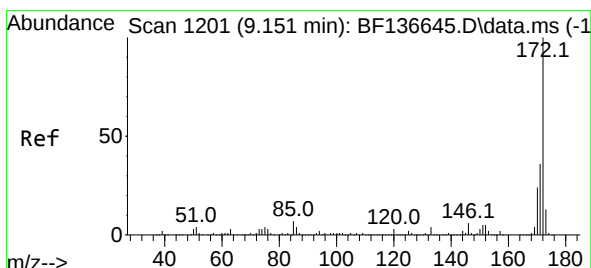
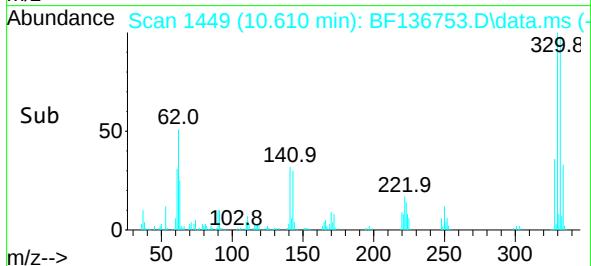
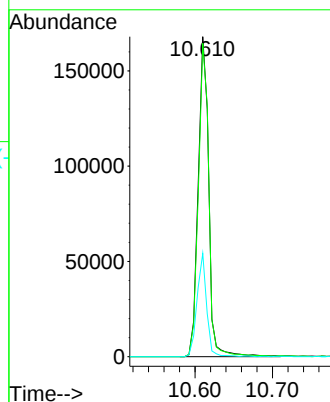
Tgt Ion:330 Resp: 158295

Ion Ratio Lower Upper

330 100

332 97.5 77.4 116.0

141 29.6 23.4 35.2



#45

2-Fluorobiphenyl

Concen: 80.856 ng

RT: 9.139 min Scan# 1199

Delta R.T. -0.012 min

Lab File: BF136753.D

Acq: 27 Dec 2023 12:21

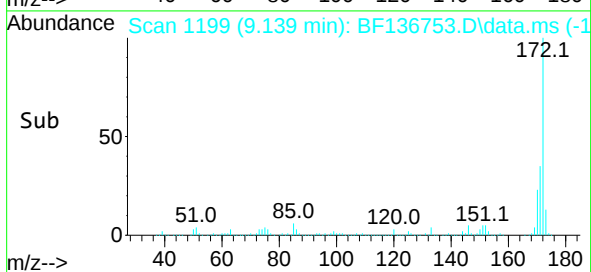
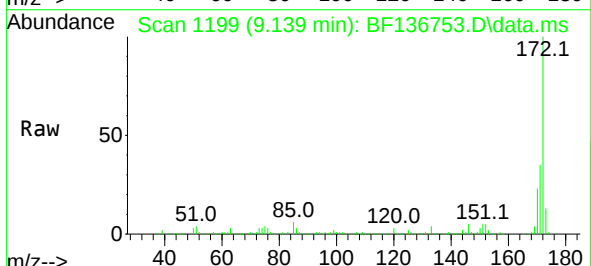
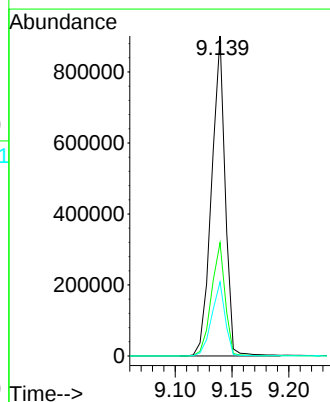
Tgt Ion:172 Resp: 749193

Ion Ratio Lower Upper

172 100

171 35.4 29.0 43.6

170 23.1 19.0 28.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.310 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF136753.D

Acq: 27 Dec 2023 12:21

Instrument :

BNA_F

ClientSampleId :

SP-303-20231218

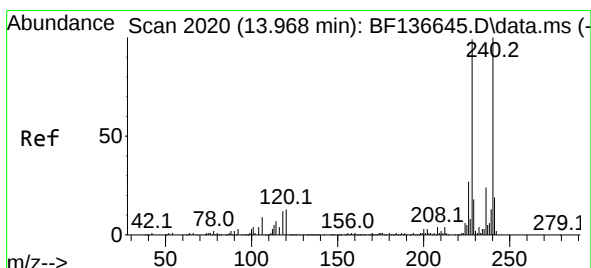
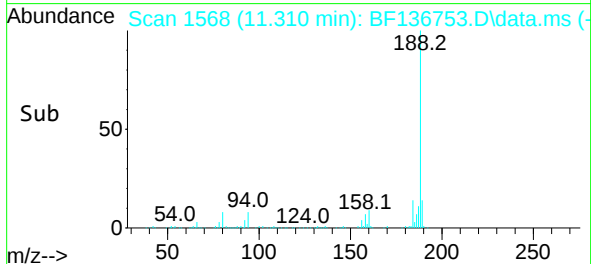
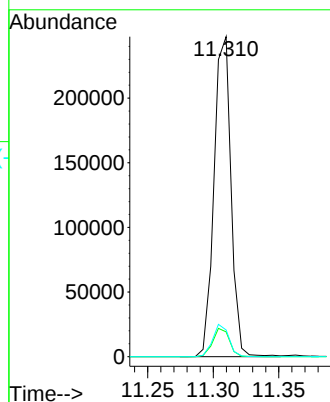
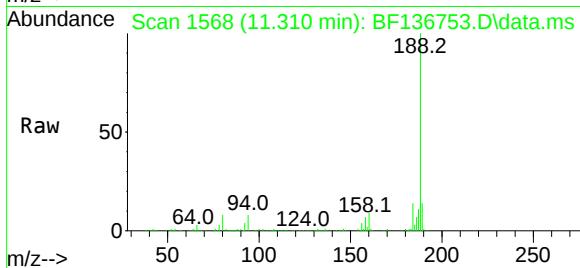
Tgt Ion:188 Resp: 222958

Ion Ratio Lower Upper

188 100

94 7.8 7.5 11.3

80 8.3 8.1 12.1



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.963 min Scan# 2019

Delta R.T. -0.006 min

Lab File: BF136753.D

Acq: 27 Dec 2023 12:21

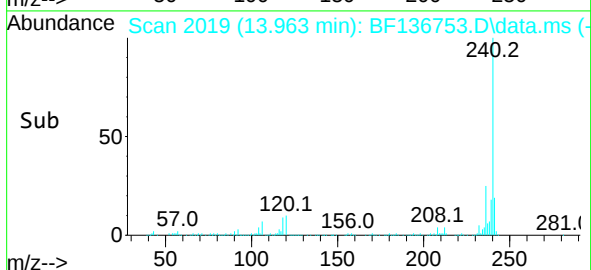
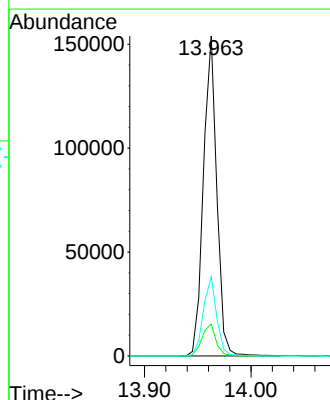
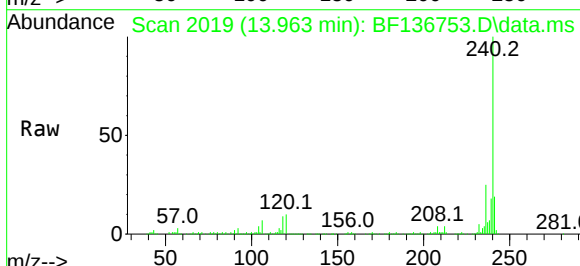
Tgt Ion:240 Resp: 134529

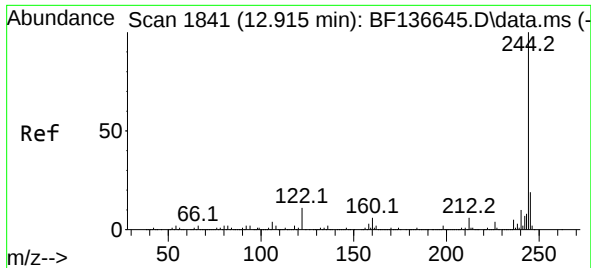
Ion Ratio Lower Upper

240 100

120 10.0 10.3 15.5#

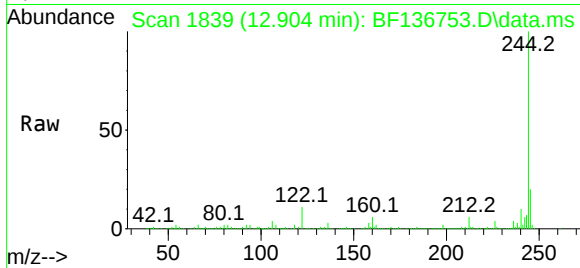
236 24.8 19.4 29.2



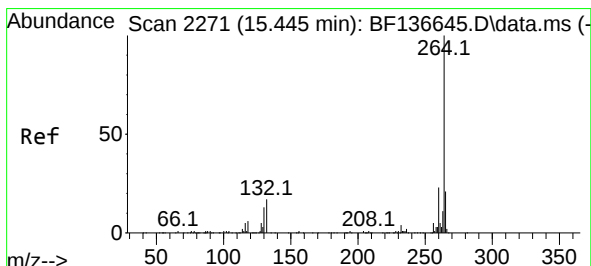
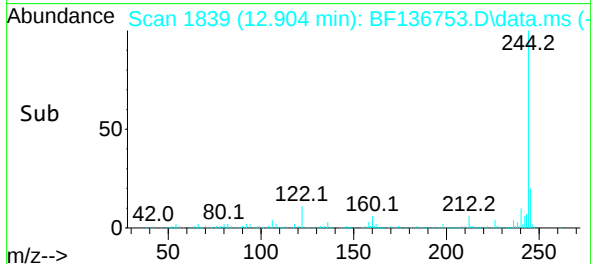
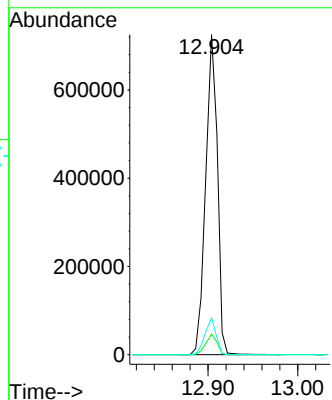


#79
 Terphenyl-d14
 Concen: 68.452 ng
 RT: 12.904 min Scan# 1839
 Delta R.T. -0.012 min
 Lab File: BF136753.D
 Acq: 27 Dec 2023 12:21

Instrument :
 BNA_F
 ClientSampleId :
 SP-303-20231218



Tgt Ion:244 Resp: 658961
 Ion Ratio Lower Upper
 244 100
 212 6.4 5.0 7.4
 122 11.5 9.0 13.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.439 min Scan# 2270
 Delta R.T. -0.006 min
 Lab File: BF136753.D
 Acq: 27 Dec 2023 12:21

Tgt Ion:264 Resp: 153000
 Ion Ratio Lower Upper
 264 100
 260 22.8 18.3 27.5
 265 20.7 17.0 25.6

