

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122723\
 Data File : BF136749.D
 Acq On : 27 Dec 2023 10:13
 Operator : CG\JU
 Sample : PB158018BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB158018BL

Quant Time: Dec 27 10:58:13 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	6.787	152	82175	20.000	ng	0.00
21) Naphthalene-d8	8.057	136	315153	20.000	ng	-0.01
39) Acenaphthene-d10	9.816	164	159503	20.000	ng	-0.01
64) Phenanthrene-d10	11.310	188	288734	20.000	ng	0.00
76) Chrysene-d12	13.963	240	166101	20.000	ng	0.00
86) Perylene-d12	15.445	264	163583	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	662671	125.824	ng	0.01
7) Phenol-d6	6.434	99	830226	121.657	ng	0.00
23) Nitrobenzene-d5	7.345	82	509819	82.779	ng	-0.01
42) 2,4,6-Tribromophenol	10.616	330	207591	110.509	ng	0.00
45) 2-Fluorobiphenyl	9.139	172	987954	83.308	ng	-0.01
79) Terphenyl-d14	12.910	244	909711	76.537	ng	0.00

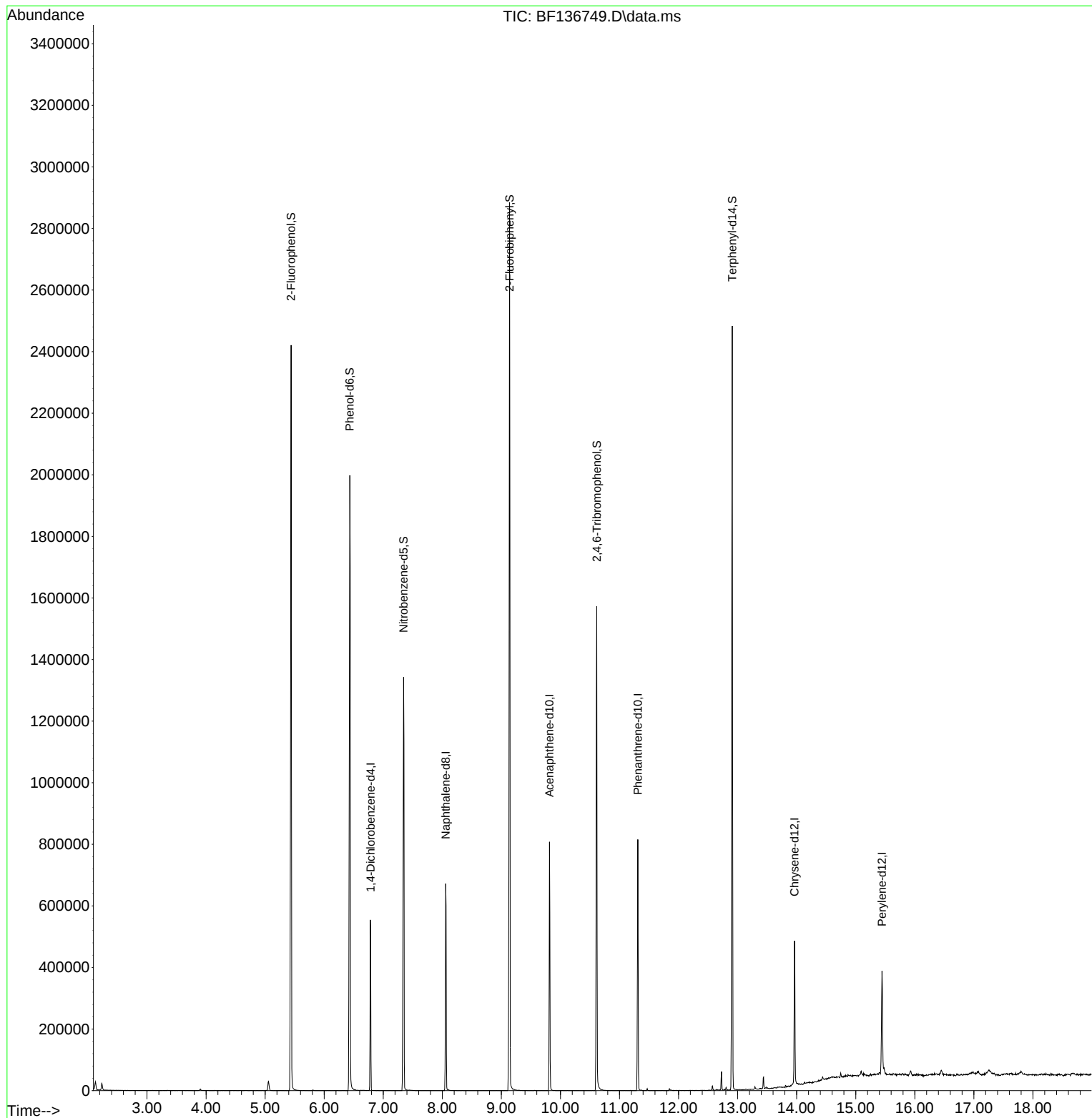
Target Compounds	Qvalue

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

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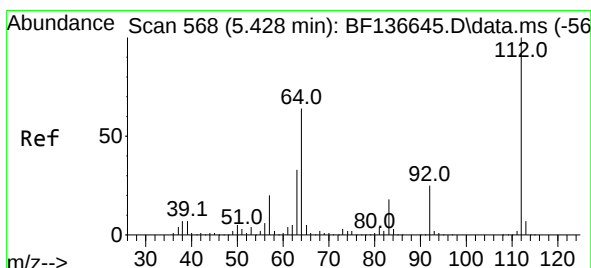
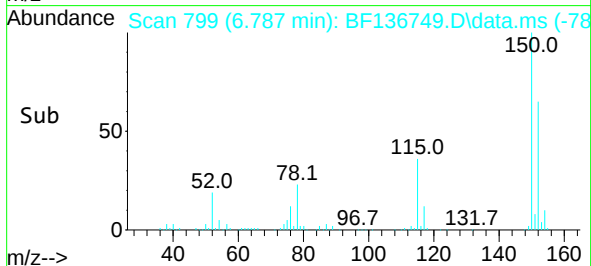
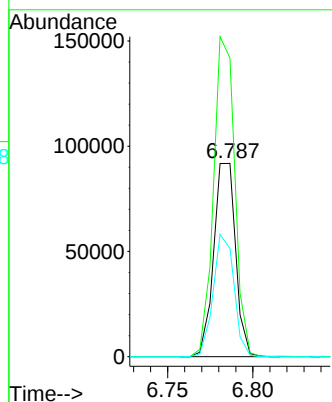
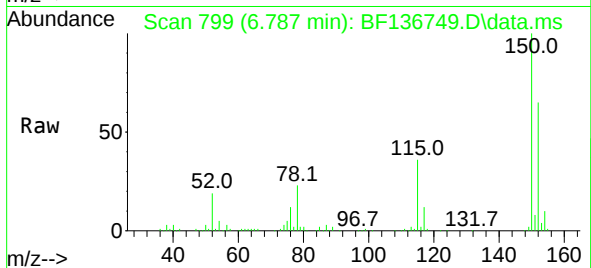




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.787 min Scan# 71
Delta R.T. -0.005 min
Lab File: BF136749.D
Acq: 27 Dec 2023 10:13

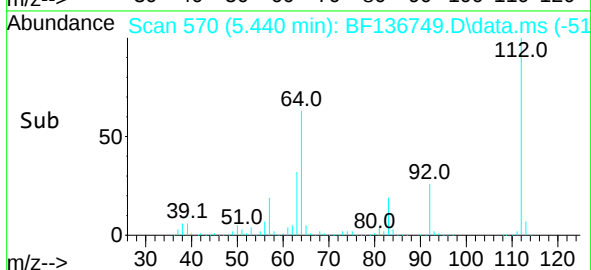
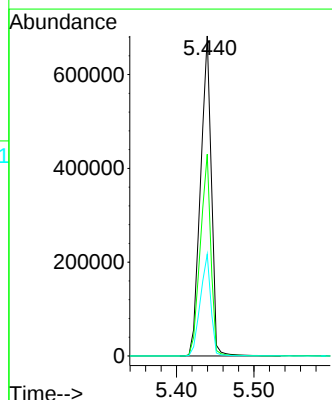
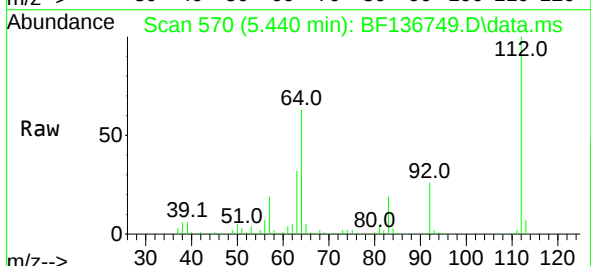
Instrument :
BNA_F
ClientSampleId :
PB158018BL

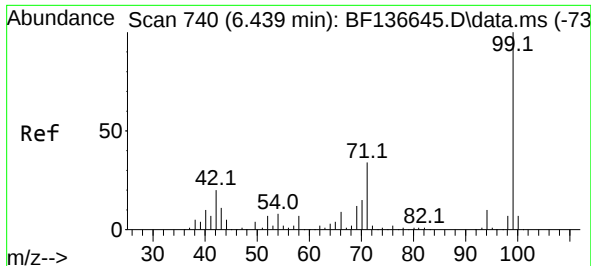
Tgt Ion:152 Resp: 82175
Ion Ratio Lower Upper
152 100
150 154.5 127.0 190.6
115 56.0 49.0 73.4



#5
2-Fluorophenol
Concen: 125.824 ng
RT: 5.440 min Scan# 570
Delta R.T. 0.012 min
Lab File: BF136749.D
Acq: 27 Dec 2023 10:13

Tgt Ion:112 Resp: 662671
Ion Ratio Lower Upper
112 100
64 63.0 51.1 76.7
63 31.8 26.1 39.1

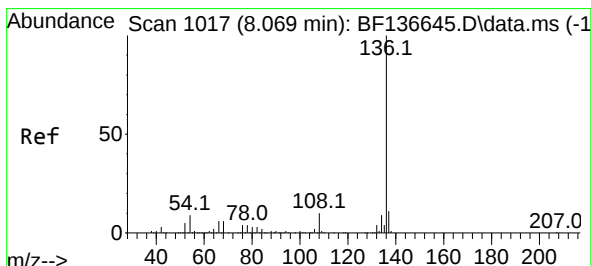
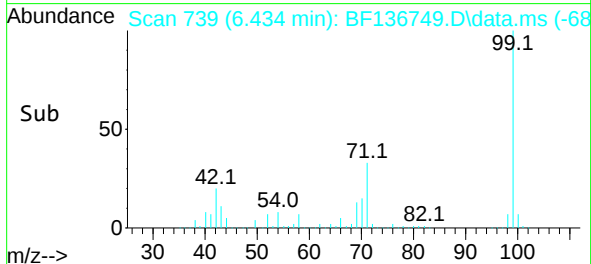
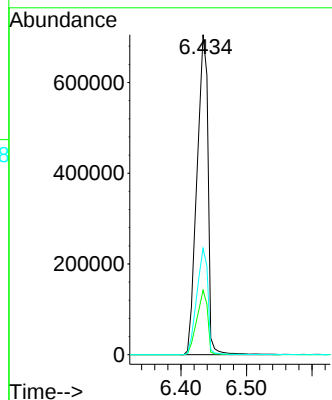
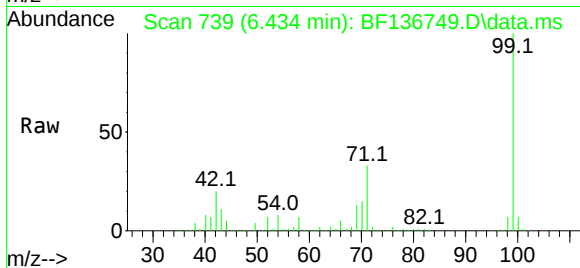




#7
Phenol-d6
Concen: 121.657 ng
RT: 6.434 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF136749.D
Acq: 27 Dec 2023 10:13

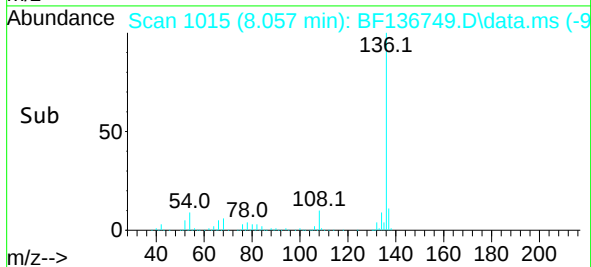
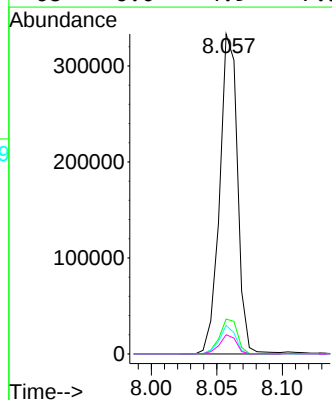
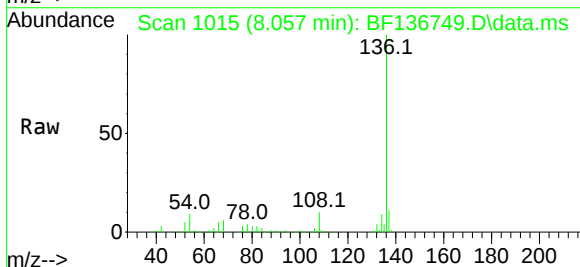
Instrument :
BNA_F
ClientSampleId :
PB158018BL

Tgt Ion: 99 Resp: 830226
Ion Ratio Lower Upper
99 100
42 20.2 16.1 24.1
71 33.2 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: BF136749.D
Acq: 27 Dec 2023 10:13

Tgt Ion: 136 Resp: 315153
Ion Ratio Lower Upper
136 100
137 10.9 9.0 13.4
54 9.0 7.2 10.8
68 6.0 4.9 7.3





#23

Nitrobenzene-d5

Concen: 82.779 ng

RT: 7.345 min Scan# 89

Delta R.T. -0.012 min

Lab File: BF136749.D

Acq: 27 Dec 2023 10:13

Instrument :

BNA_F

ClientSampleId :

PB158018BL

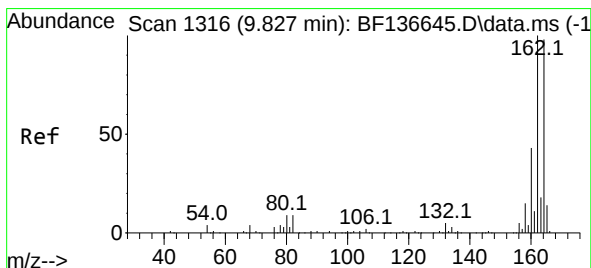
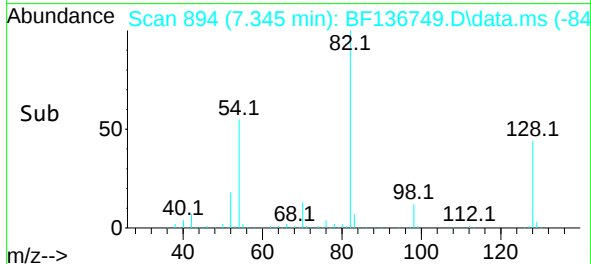
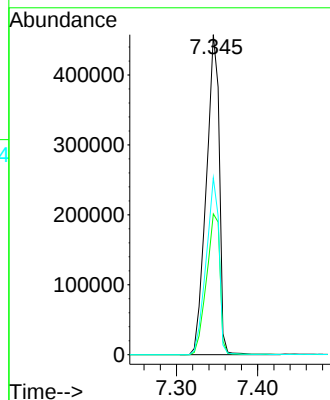
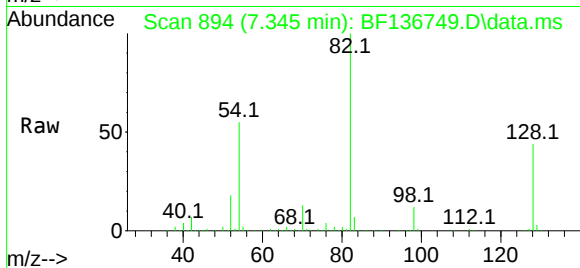
Tgt Ion: 82 Resp: 509819

Ion Ratio Lower Upper

82 100

128 44.0 35.3 52.9

54 55.3 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: BF136749.D

Acq: 27 Dec 2023 10:13

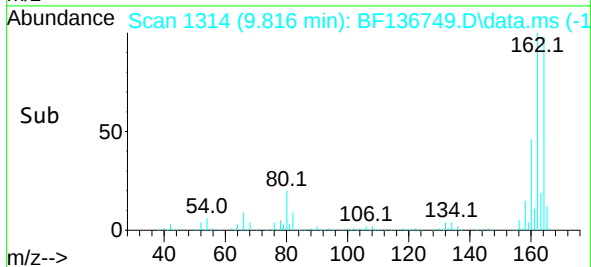
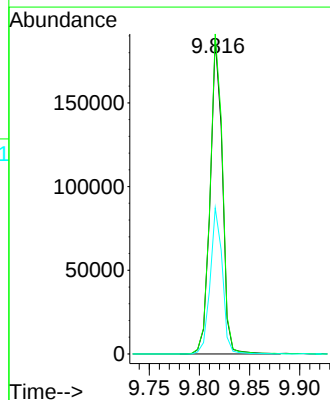
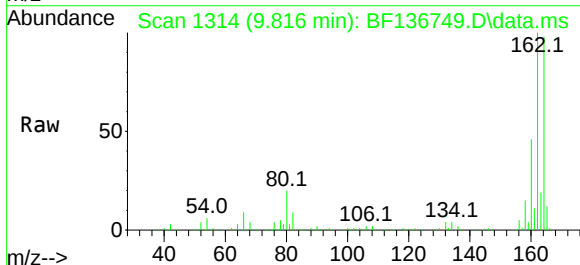
Tgt Ion:164 Resp: 159503

Ion Ratio Lower Upper

164 100

162 101.6 81.6 122.4

160 46.4 34.9 52.3





#42

2,4,6-Tribromophenol

Concen: 110.509 ng

RT: 10.616 min Scan# 1451

Delta R.T. -0.006 min

Lab File: BF136749.D

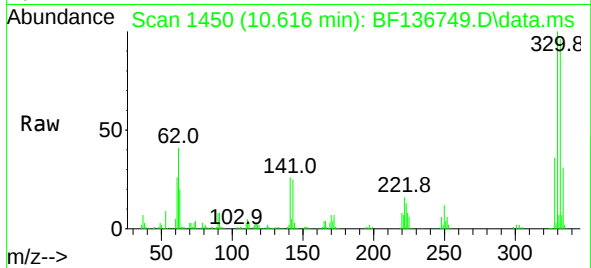
Acq: 27 Dec 2023 10:13

Instrument :

BNA_F

ClientSampleId :

PB158018BL



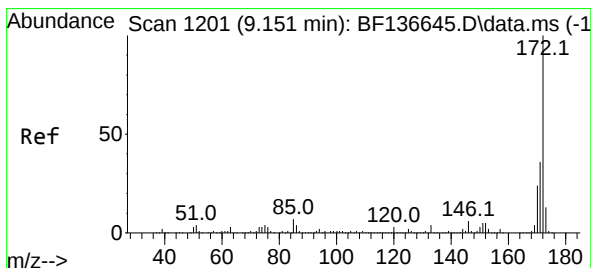
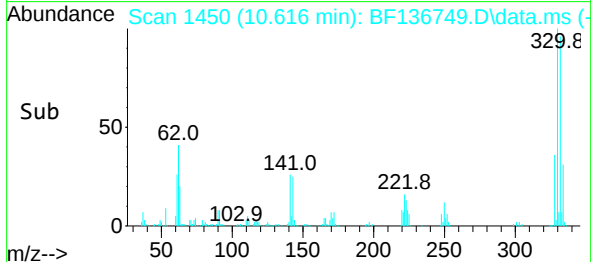
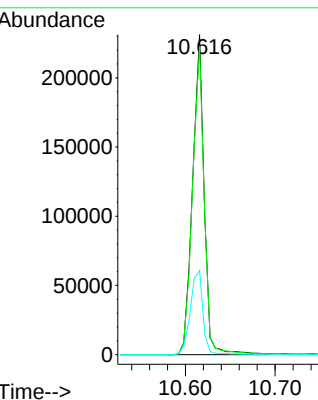
Tgt Ion:330 Resp: 207591

Ion Ratio Lower Upper

330 100

332 97.6 77.4 116.0

141 28.7 23.4 35.2



#45

2-Fluorobiphenyl

Concen: 83.308 ng

RT: 9.139 min Scan# 1199

Delta R.T. -0.012 min

Lab File: BF136749.D

Acq: 27 Dec 2023 10:13

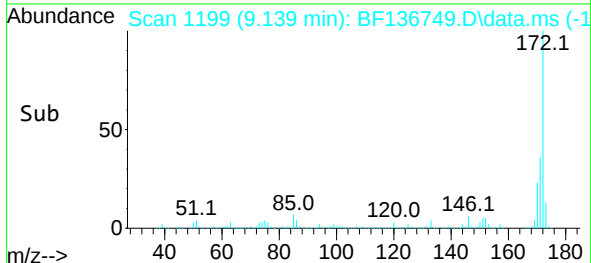
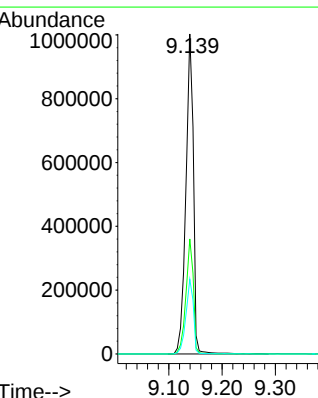
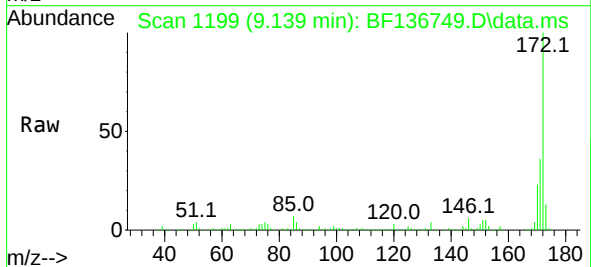
Tgt Ion:172 Resp: 987954

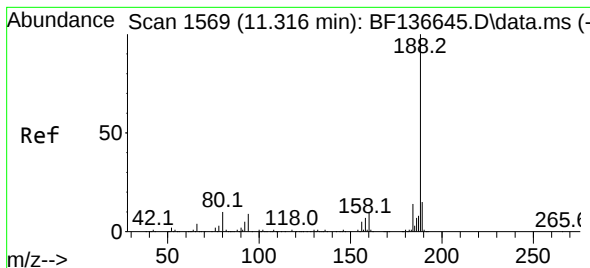
Ion Ratio Lower Upper

172 100

171 36.0 29.0 43.6

170 23.3 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: BF136749.D

Acq: 27 Dec 2023 10:13

Instrument :

BNA_F

ClientSampleId :

PB158018BL

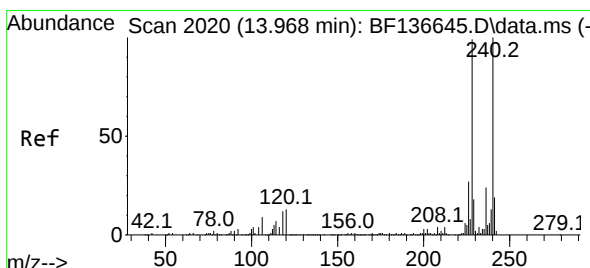
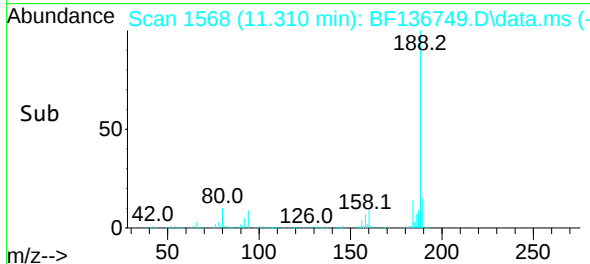
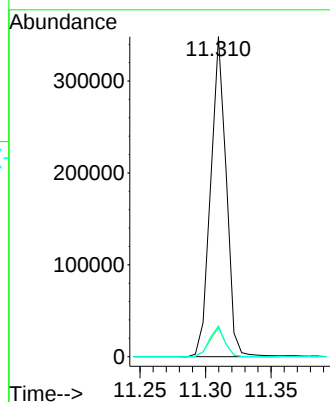
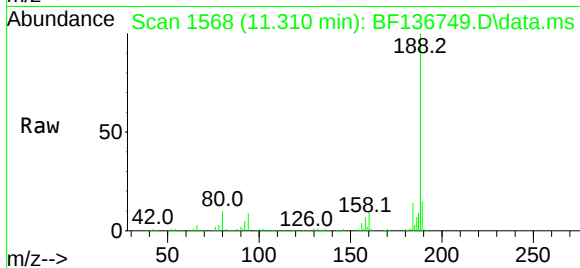
Tgt Ion:188 Resp: 288734

Ion Ratio Lower Upper

188 100

94 9.1 7.5 11.3

80 9.6 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: BF136749.D

Acq: 27 Dec 2023 10:13

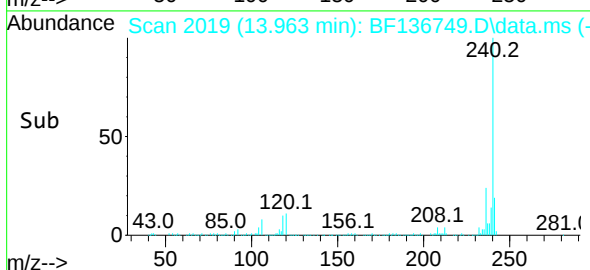
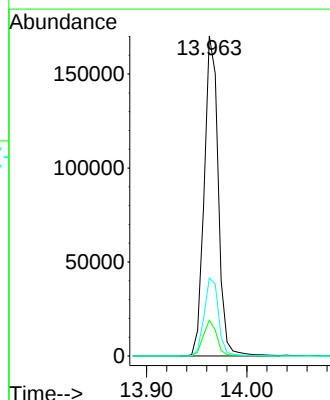
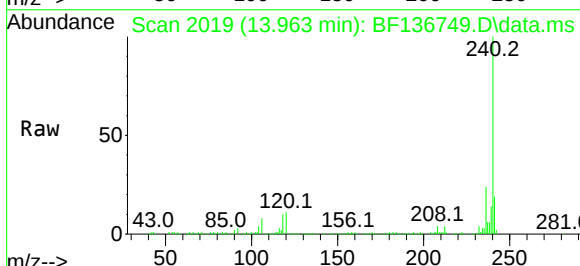
Tgt Ion:240 Resp: 166101

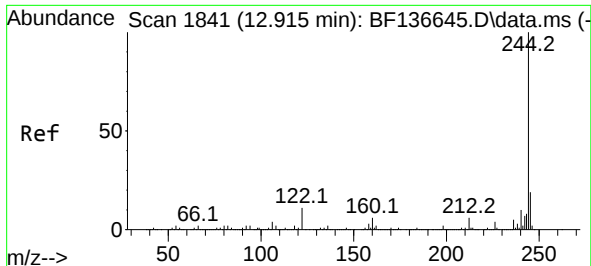
Ion Ratio Lower Upper

240 100

120 11.2 10.3 15.5

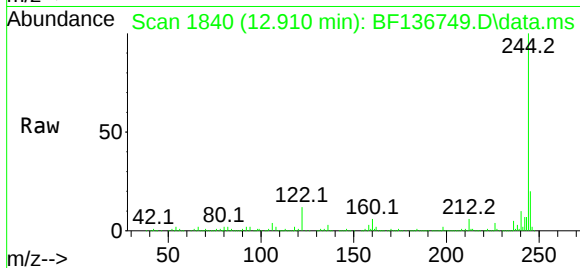
236 24.4 19.4 29.2



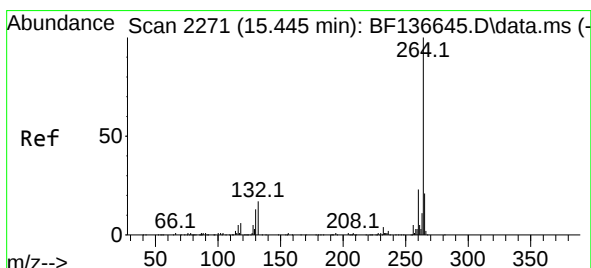
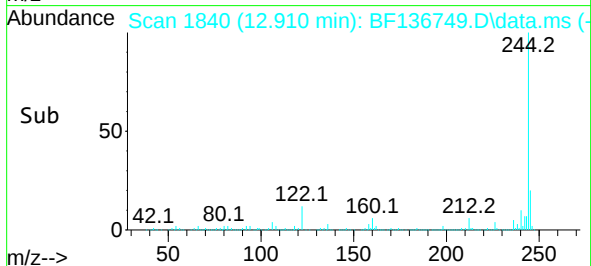
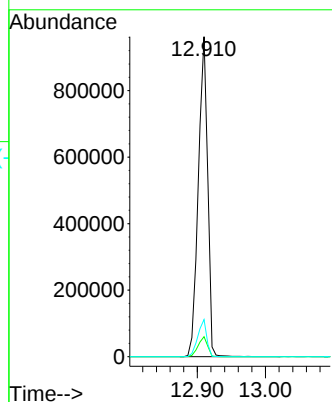


#79
 Terphenyl-d14
 Concen: 76.537 ng
 RT: 12.910 min Scan# 1841
 Delta R.T. -0.006 min
 Lab File: BF136749.D
 Acq: 27 Dec 2023 10:13

Instrument :
 BNA_F
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Tgt Ion:244 Resp: 909711
 Ion Ratio Lower Upper
 244 100
 212 6.3 5.0 7.4
 122 11.6 9.0 13.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.445 min Scan# 2271
 Delta R.T. 0.000 min
 Lab File: BF136749.D
 Acq: 27 Dec 2023 10:13

Tgt Ion:264 Resp: 163583
 Ion Ratio Lower Upper
 264 100
 260 23.4 18.3 27.5
 265 20.9 17.0 25.6

