

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062623\
 Data File : BF133965.D
 Acq On : 26 Jun 2023 22:09
 Operator : CG\JU
 Sample : 03365-13
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP4

Quant Time: Jun 26 23:31:39 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 26 23:12:04 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.851	152	223176	20.000	ng	0.00
21) Naphthalene-d8	8.133	136	743676	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	269577	20.000	ng	0.03
64) Phenanthrene-d10	11.480	188	268123	20.000	ng	# 0.09
76) Chrysene-d12	14.115	240	243693	20.000	ng	# 0.07
86) Perylene-d12	15.604	264	254565	20.000	ng	0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	605344	45.372	ng	0.00
7) Phenol-d6	6.492	99	720976	43.941	ng	0.00
23) Nitrobenzene-d5	7.416	82	420643	30.490	ng	0.00
42) 2,4,6-Tribromophenol	10.739	330	147086	43.517	ng	0.05
45) 2-Fluorobiphenyl	9.210	172	790355	42.626	ng	0.00
79) Terphenyl-d14	13.068	244	443428	29.285	ng	0.09

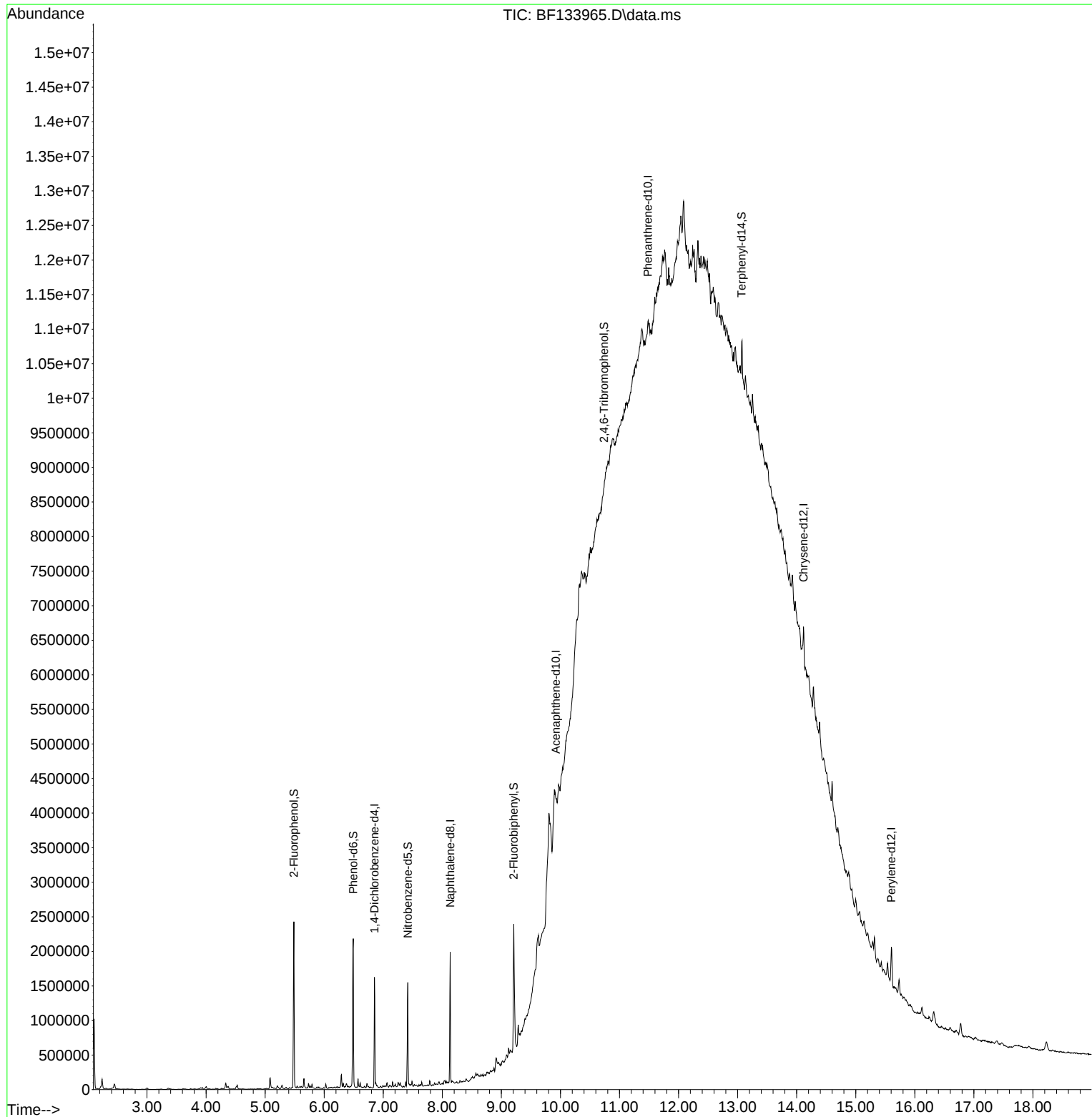
Target Compounds	Qvalue

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

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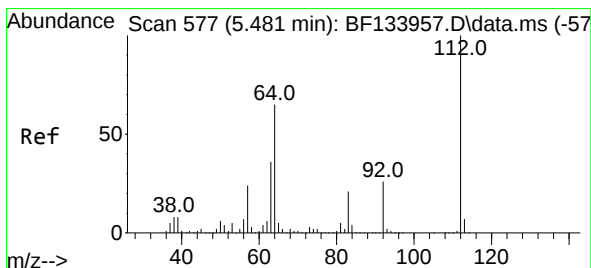
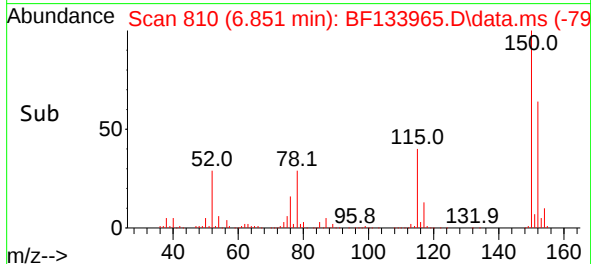
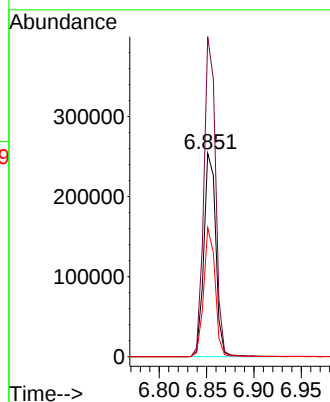
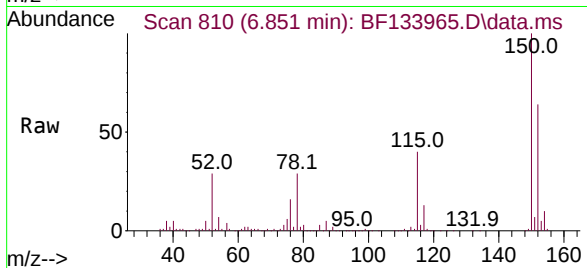




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.851 min Scan# 810
Delta R.T. 0.000 min
Lab File: BF133965.D
Acq: 26 Jun 2023 22:09

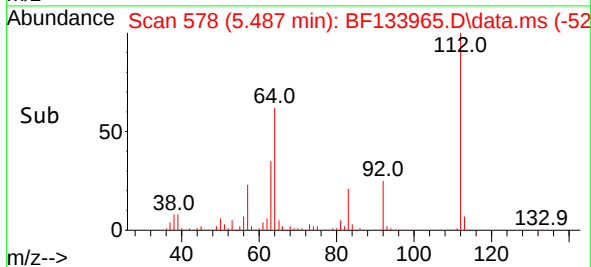
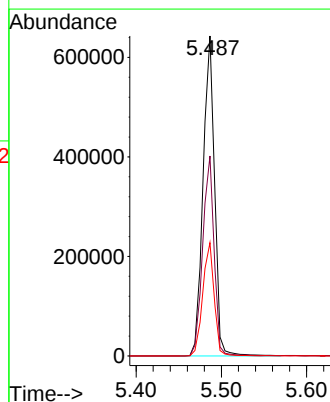
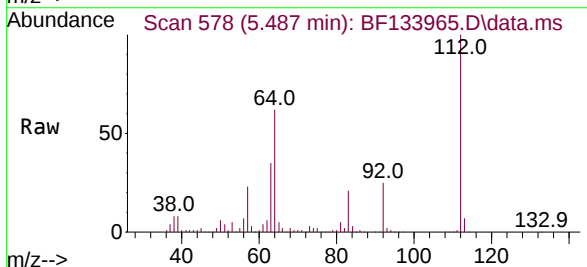
Instrument :
BNA_F
ClientSampleId :
TP4

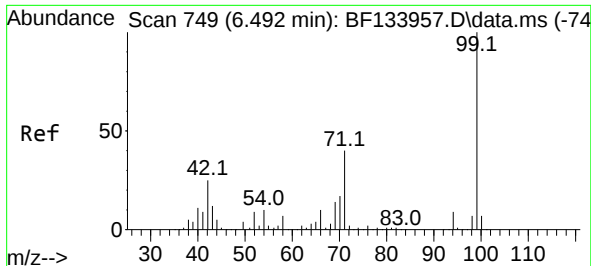
Tgt Ion:152 Resp: 223176
Ion Ratio Lower Upper
152 100
150 157.4 124.5 186.7
115 63.4 50.2 75.2



#5
2-Fluorophenol
Concen: 45.372 ng
RT: 5.487 min Scan# 578
Delta R.T. 0.006 min
Lab File: BF133965.D
Acq: 26 Jun 2023 22:09

Tgt Ion:112 Resp: 605344
Ion Ratio Lower Upper
112 100
64 62.5 52.1 78.1
63 35.4 28.6 42.8

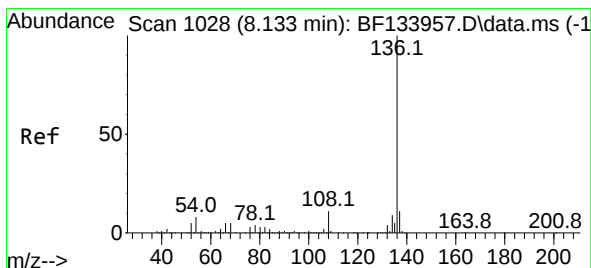
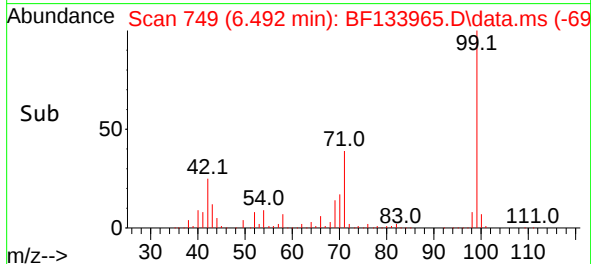
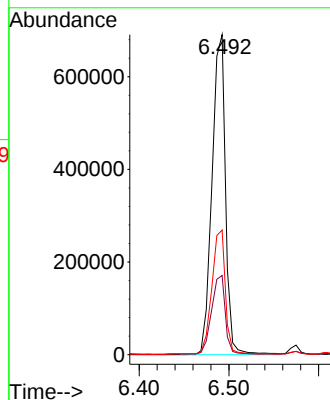
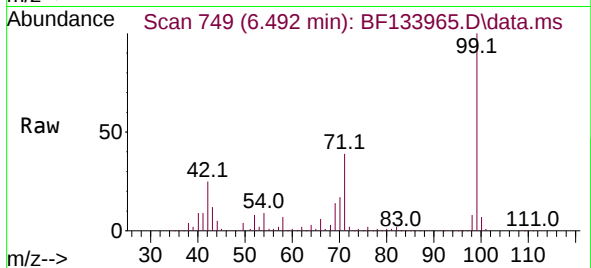




#7
Phenol-d6
Concen: 43.941 ng
RT: 6.492 min Scan# 749
Delta R.T. 0.000 min
Lab File: BF133965.D
Acq: 26 Jun 2023 22:09

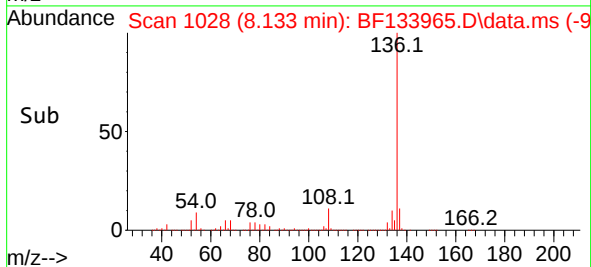
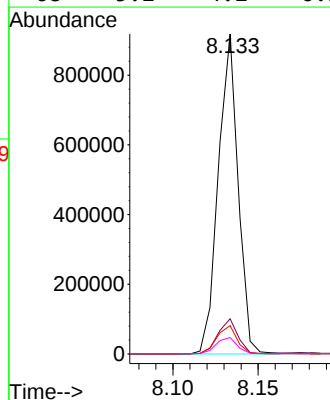
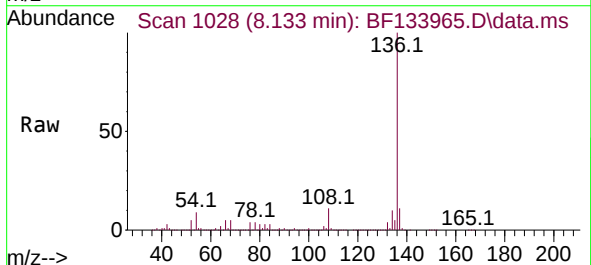
Instrument :
BNA_F
ClientSampleId :
TP4

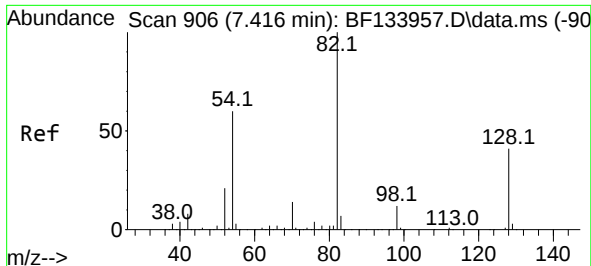
Tgt Ion: 99 Resp: 720976
Ion Ratio Lower Upper
99 100
42 24.7 19.8 29.6
71 38.9 31.9 47.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.133 min Scan# 1028
Delta R.T. 0.000 min
Lab File: BF133965.D
Acq: 26 Jun 2023 22:09

Tgt Ion: 136 Resp: 743676
Ion Ratio Lower Upper
136 100
137 11.0 8.6 12.8
54 8.8 6.5 9.7
68 5.2 4.2 6.2





#23

Nitrobenzene-d5

Concen: 30.490 ng

RT: 7.416 min Scan# 906

Delta R.T. 0.000 min

Lab File: BF133965.D

Acq: 26 Jun 2023 22:09

Instrument :

BNA_F

ClientSampleId :

TP4

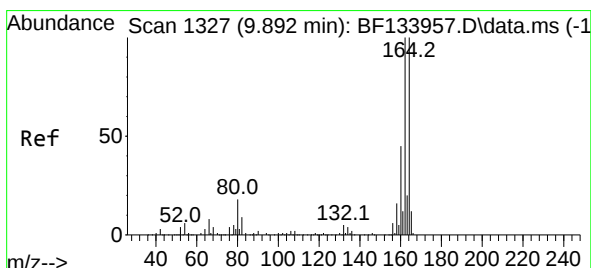
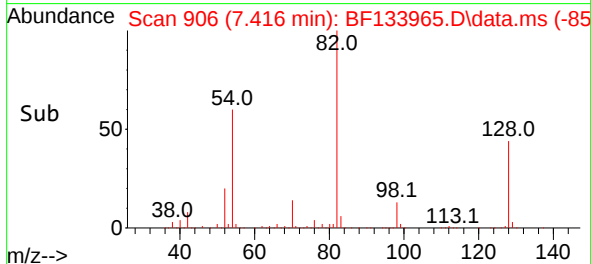
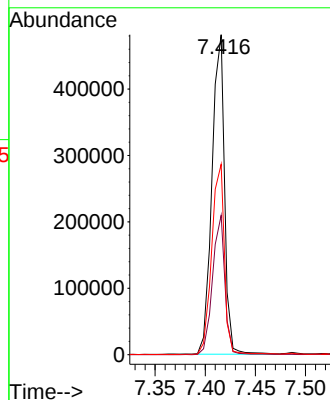
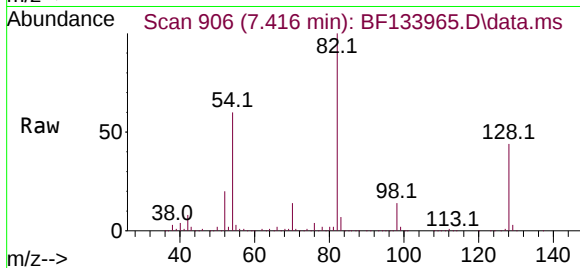
Tgt Ion: 82 Resp: 420643

Ion Ratio Lower Upper

82 100

128 43.5 32.5 48.7

54 59.5 48.2 72.2



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.922 min Scan# 1332

Delta R.T. 0.030 min

Lab File: BF133965.D

Acq: 26 Jun 2023 22:09

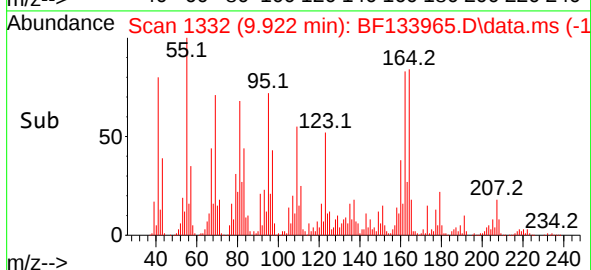
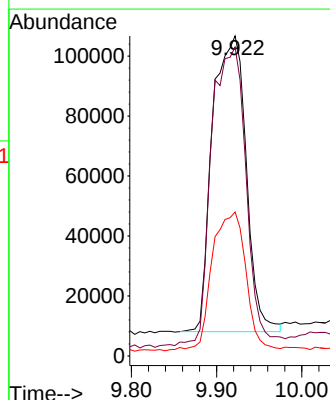
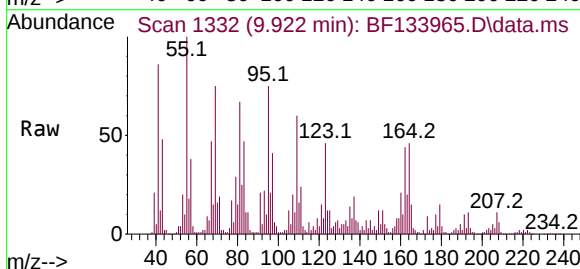
Tgt Ion:164 Resp: 269577

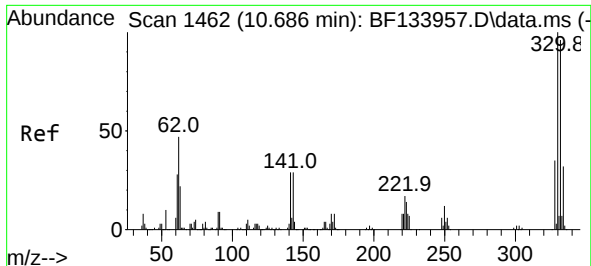
Ion Ratio Lower Upper

164 100

162 96.5 80.0 120.0

160 45.0 35.9 53.9





#42

2,4,6-Tribromophenol

Concen: 43.517 ng

RT: 10.739 min Scan# 1462

Delta R.T. 0.053 min

Lab File: BF133965.D

Acq: 26 Jun 2023 22:09

Instrument :

BNA_F

ClientSampleId :

TP4

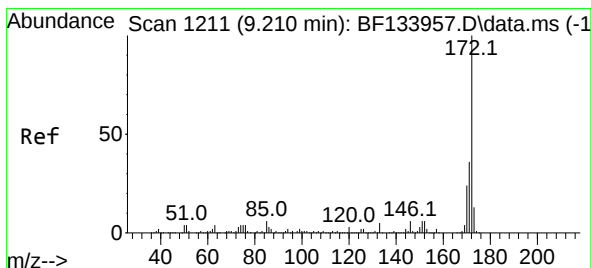
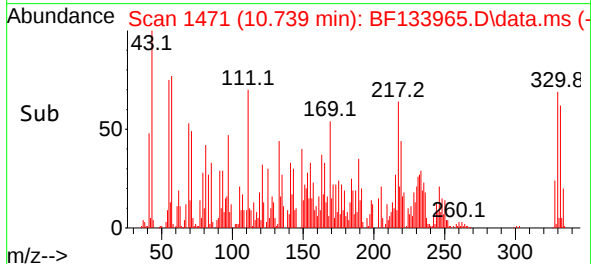
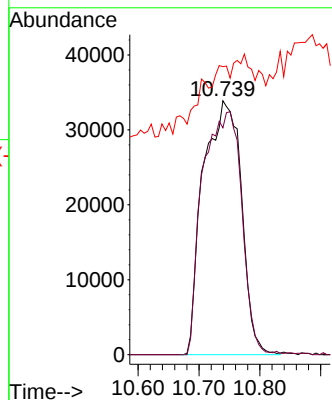
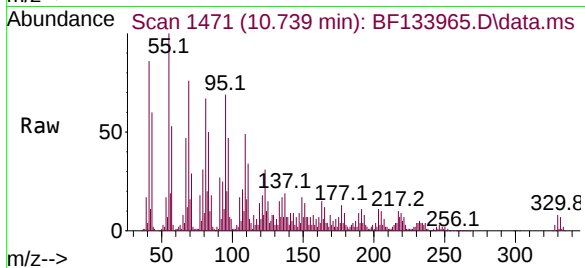
Tgt Ion:330 Resp: 147086

Ion Ratio Lower Upper

330 100

332 98.2 77.0 115.6

141 0.0 26.3 39.5#



#45

2-Fluorobiphenyl

Concen: 42.626 ng

RT: 9.210 min Scan# 1211

Delta R.T. 0.000 min

Lab File: BF133965.D

Acq: 26 Jun 2023 22:09

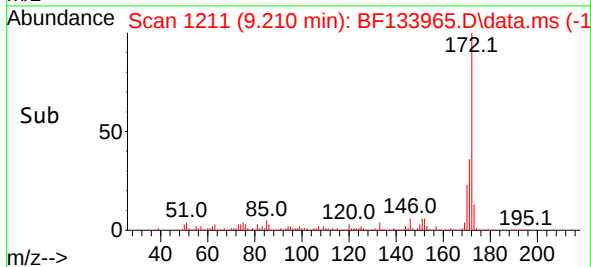
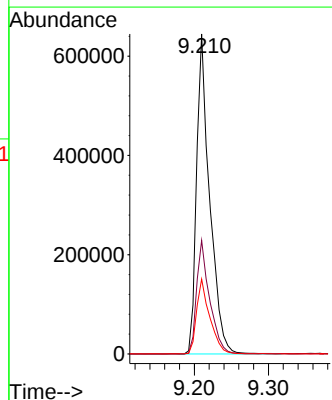
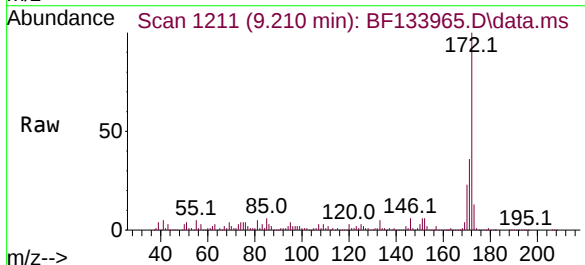
Tgt Ion:172 Resp: 790355

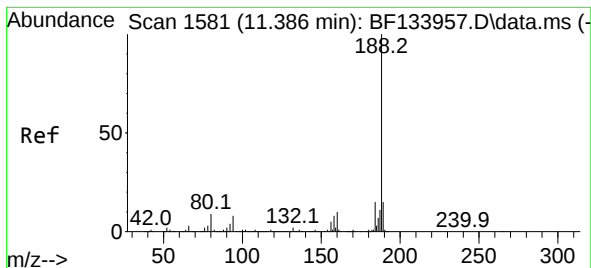
Ion Ratio Lower Upper

172 100

171 35.5 28.6 43.0

170 23.4 19.4 29.0





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.480 min Scan# 1

Delta R.T. 0.094 min

Lab File: BF133965.D

Acq: 26 Jun 2023 22:09

Instrument :

BNA_F

ClientSampleId :

TP4

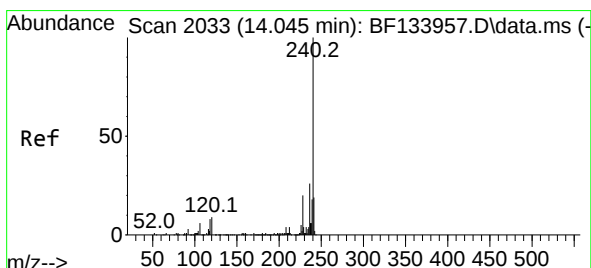
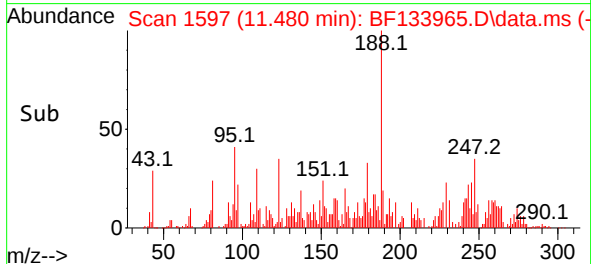
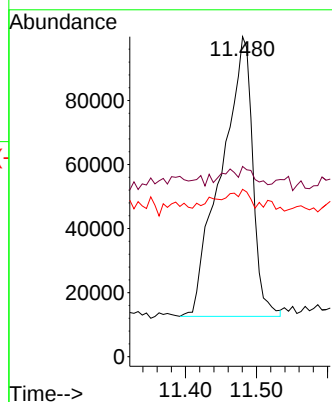
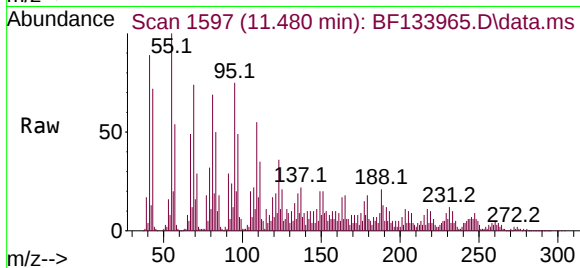
Tgt Ion:188 Resp: 268123

Ion Ratio Lower Upper

188 100

94 59.4 6.4 9.6#

80 52.3 7.3 10.9#



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.115 min Scan# 2045

Delta R.T. 0.071 min

Lab File: BF133965.D

Acq: 26 Jun 2023 22:09

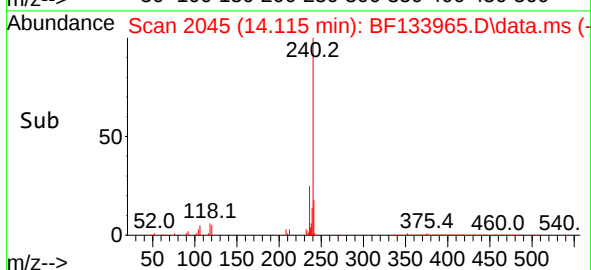
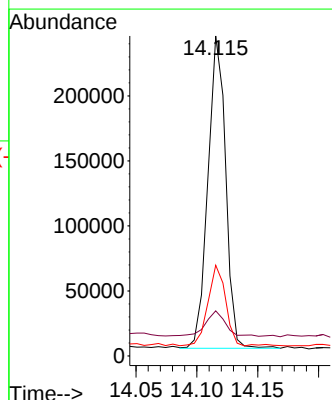
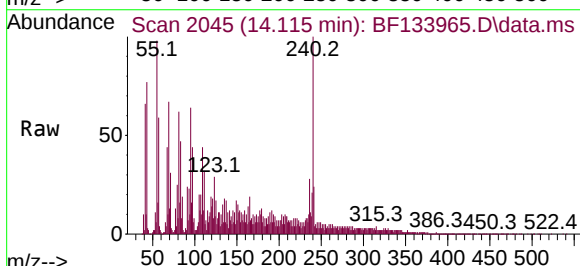
Tgt Ion:240 Resp: 243693

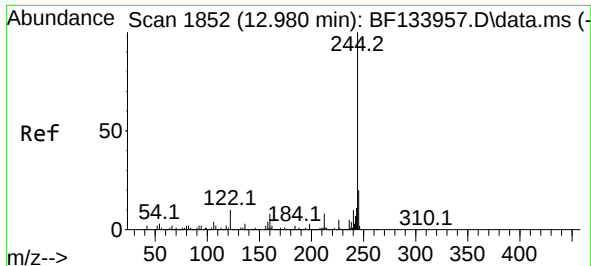
Ion Ratio Lower Upper

240 100

120 14.1 7.4 11.0#

236 28.3 21.0 31.6

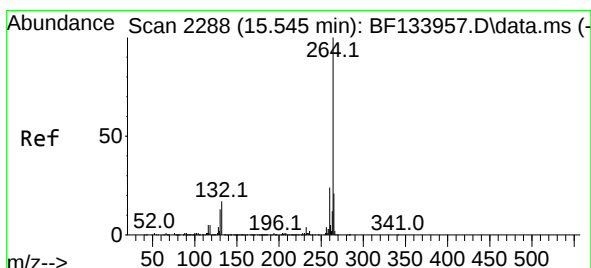
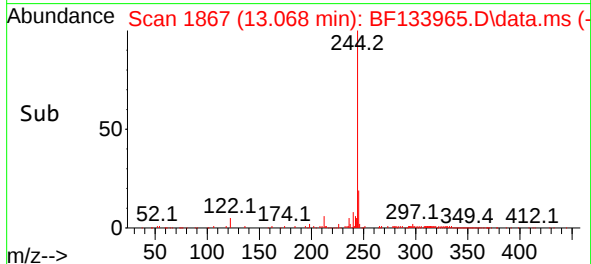
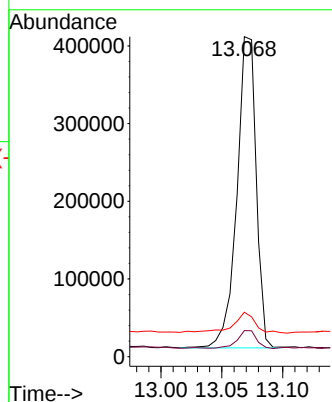
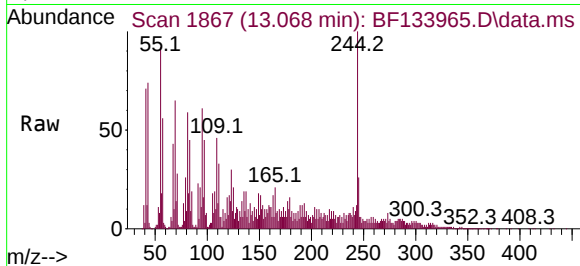




#79
 Terphenyl-d14
 Concen: 29.285 ng
 RT: 13.068 min Scan# 1867
 Delta R.T. 0.088 min
 Lab File: BF133965.D
 Acq: 26 Jun 2023 22:09

Instrument :
 BNA_F
 ClientSampleId :
 TP4

Tgt Ion:244 Resp: 443428
 Ion Ratio Lower Upper
 244 100
 212 8.1 6.0 9.0
 122 13.9 8.3 12.5#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.604 min Scan# 2298
 Delta R.T. 0.059 min
 Lab File: BF133965.D
 Acq: 26 Jun 2023 22:09

Tgt Ion:264 Resp: 254565
 Ion Ratio Lower Upper
 264 100
 260 25.2 19.5 29.3
 265 23.4 16.6 25.0

