

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062023\
 Data File : BF133845.D
 Acq On : 20 Jun 2023 09:01
 Operator : CG\JU
 Sample : PB153277BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB153277BL

Quant Time: Jun 21 00:35:20 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 20 13:43:46 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.857	152	110804	20.000	ng	0.00
21) Naphthalene-d8	8.133	136	429386	20.000	ng	0.00
39) Acenaphthene-d10	9.892	164	224823	20.000	ng	0.00
64) Phenanthrene-d10	11.386	188	445987	20.000	ng	0.00
76) Chrysene-d12	14.045	240	255415	20.000	ng	0.00
86) Perylene-d12	15.545	264	236608	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	835013	131.193	ng	0.02
7) Phenol-d6	6.492	99	1015054	122.521	ng	0.00
23) Nitrobenzene-d5	7.422	82	687866	87.254	ng	0.00
42) 2,4,6-Tribromophenol	10.686	330	329043	115.622	ng	0.00
45) 2-Fluorobiphenyl	9.216	172	1268904	80.231	ng	0.00
79) Terphenyl-d14	12.986	244	1428755	86.556	ng	0.00

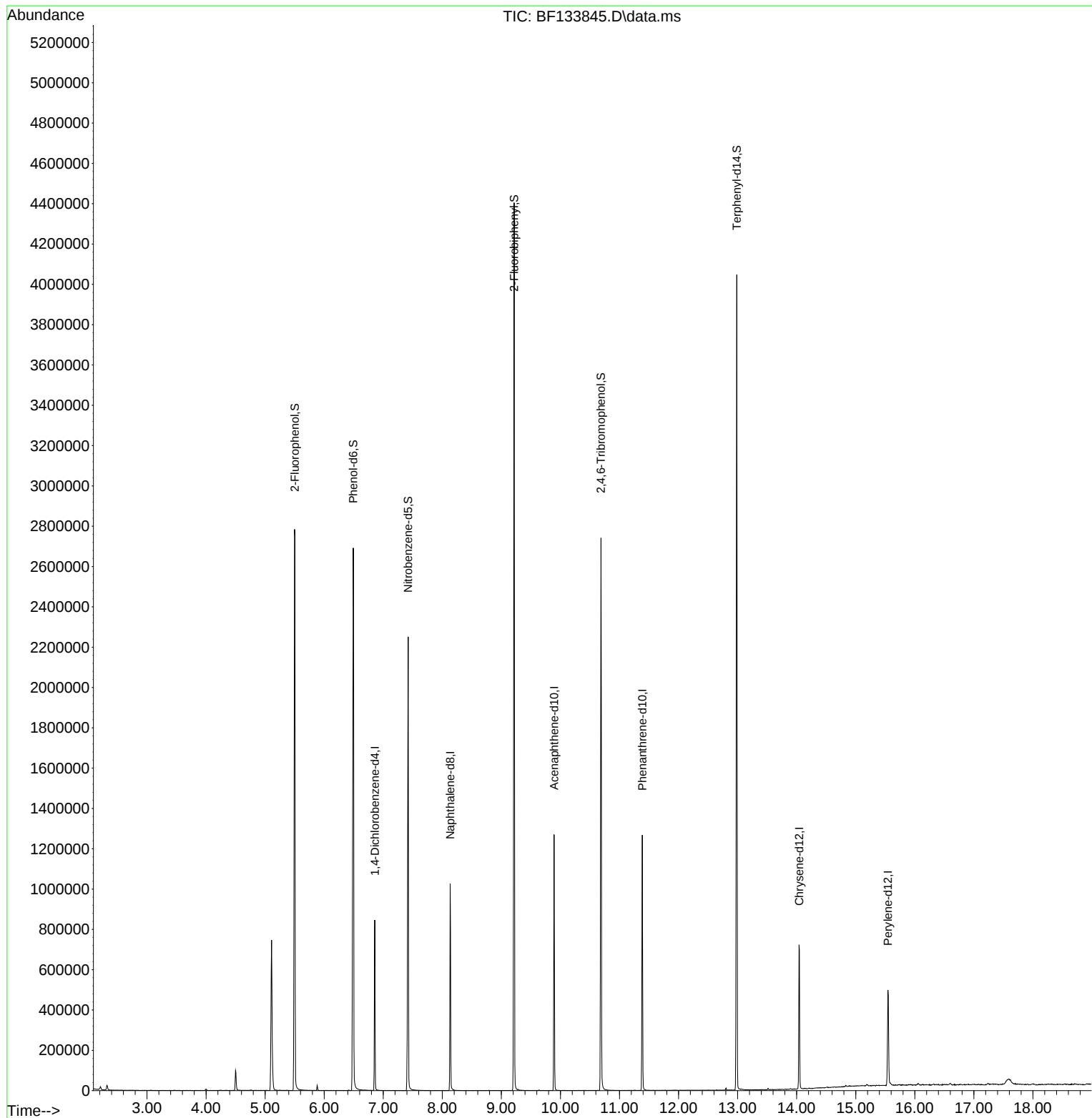
Target Compounds	Qvalue

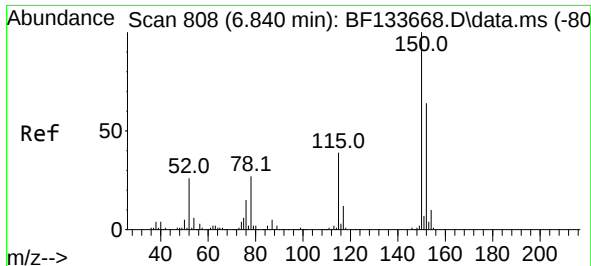
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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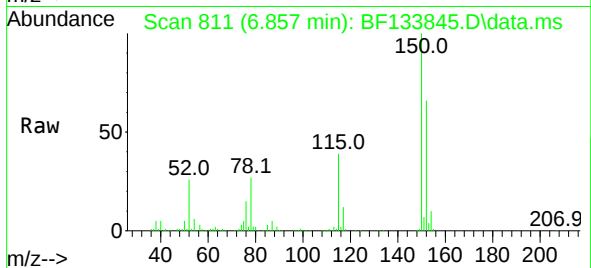
Quant Time: Jun 21 00:35:20 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060923.M
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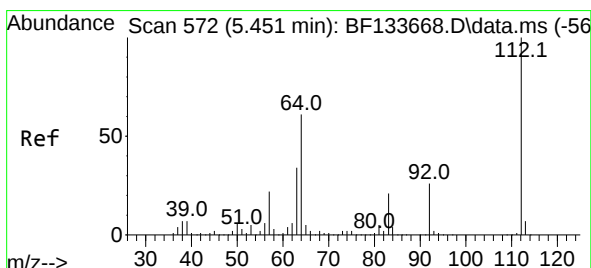
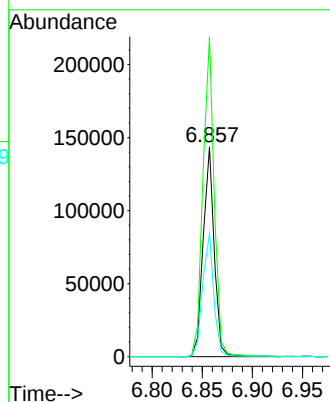
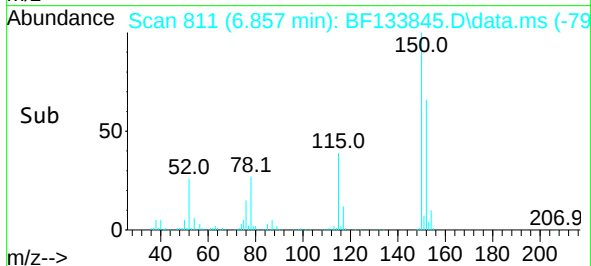


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.857 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF133845.D
Acq: 20 Jun 2023 09:01

Instrument :
BNA_F
ClientSampleId :
PB153277BL

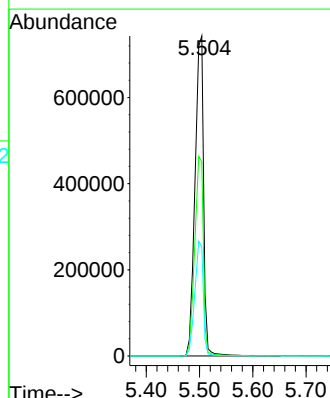
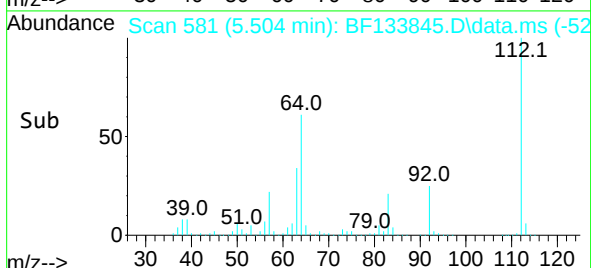
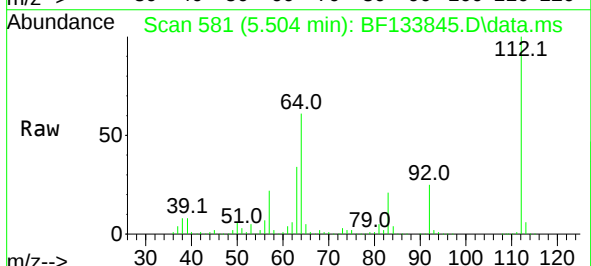


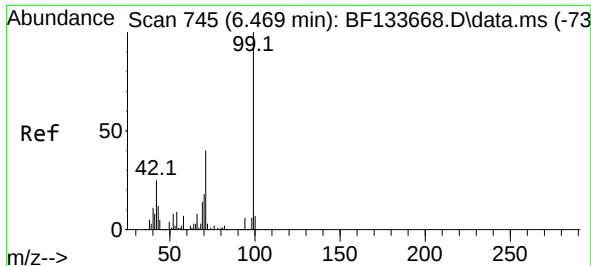
Tgt Ion:152 Resp: 110804
Ion Ratio Lower Upper
152 100
150 152.5 124.3 186.5
115 58.8 48.5 72.7



#5
2-Fluorophenol
Concen: 131.193 ng
RT: 5.504 min Scan# 581
Delta R.T. 0.018 min
Lab File: BF133845.D
Acq: 20 Jun 2023 09:01

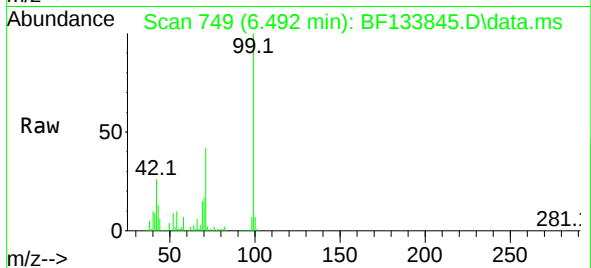
Tgt Ion:112 Resp: 835013
Ion Ratio Lower Upper
112 100
64 60.7 49.0 73.4
63 34.1 26.8 40.2





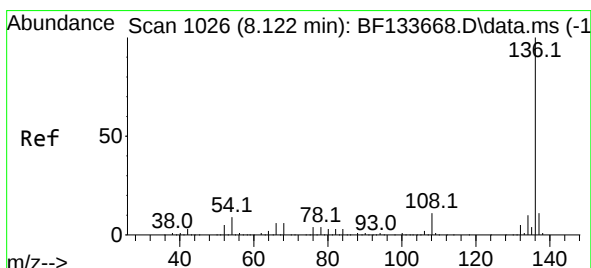
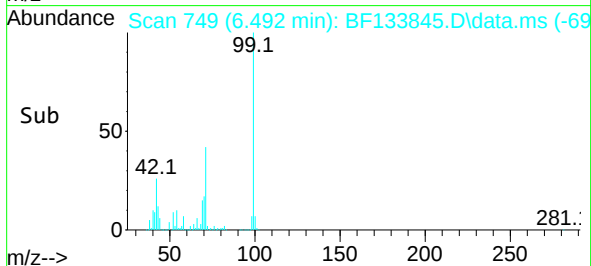
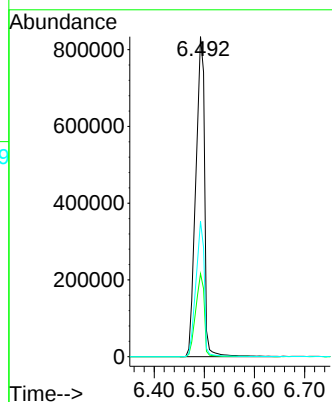
#7
Phenol-d6
Concen: 122.521 ng
RT: 6.492 min Scan# 745
Delta R.T. 0.000 min
Lab File: BF133845.D
Acq: 20 Jun 2023 09:01

Instrument :
BNA_F
ClientSampleId :
PB153277BL



Tgt Ion: 99 Resp: 1015054

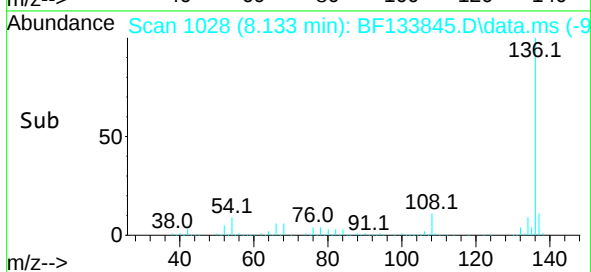
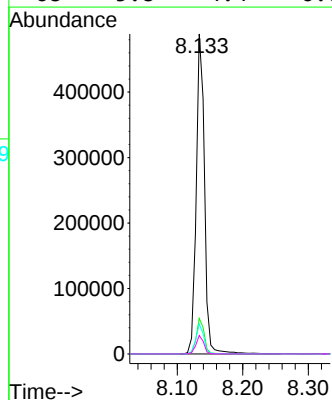
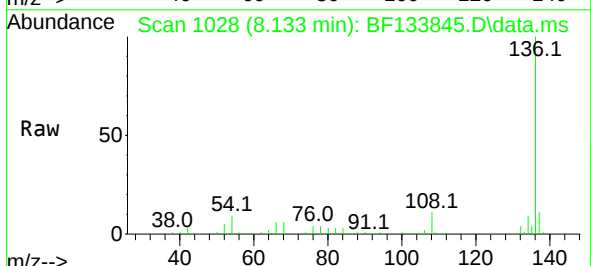
Ion	Ratio	Lower	Upper
99	100		
42	25.9	19.9	29.9
71	42.3	32.2	48.4

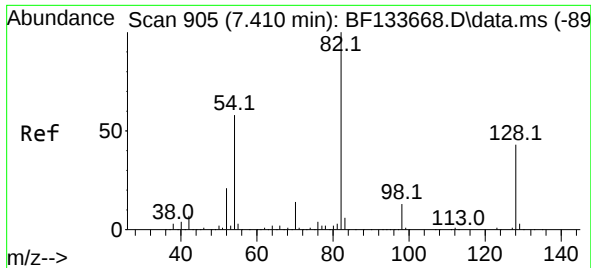


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.133 min Scan# 1028
Delta R.T. -0.006 min
Lab File: BF133845.D
Acq: 20 Jun 2023 09:01

Tgt Ion: 136 Resp: 429386

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	9.3	7.4	11.0
68	5.8	4.4	6.6





#23

Nitrobenzene-d5

Concen: 87.254 ng

RT: 7.422 min Scan# 905

Delta R.T. 0.000 min

Lab File: BF133845.D

Acq: 20 Jun 2023 09:01

Instrument :

BNA_F

ClientSampleId :

PB153277BL

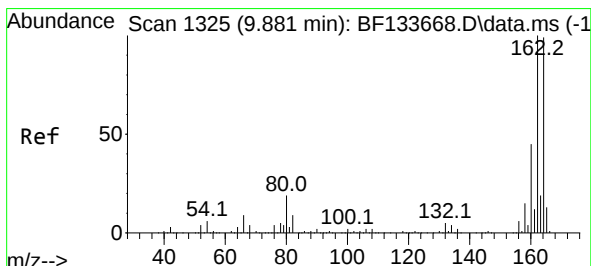
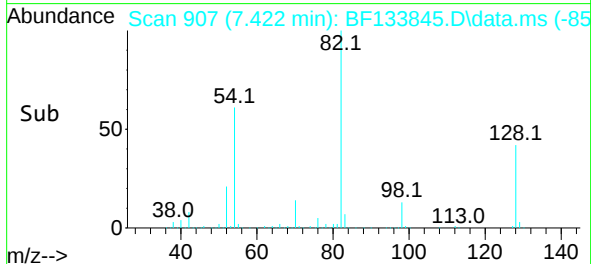
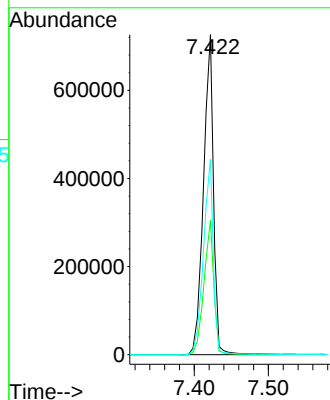
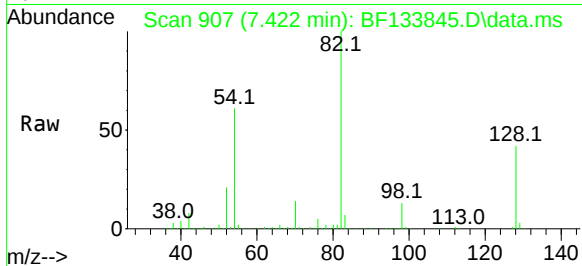
Tgt Ion: 82 Resp: 687866

Ion Ratio Lower Upper

82 100

128 42.0 34.2 51.2

54 61.1 46.5 69.7



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.892 min Scan# 1327

Delta R.T. -0.006 min

Lab File: BF133845.D

Acq: 20 Jun 2023 09:01

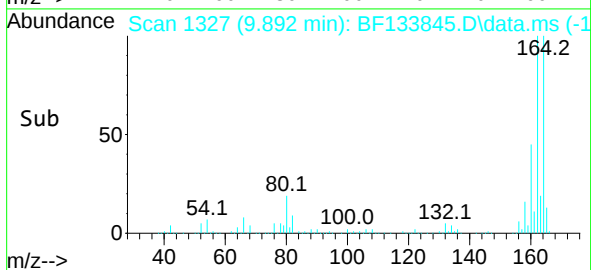
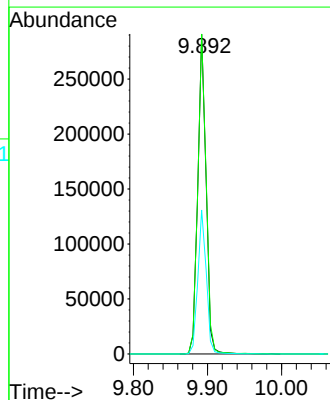
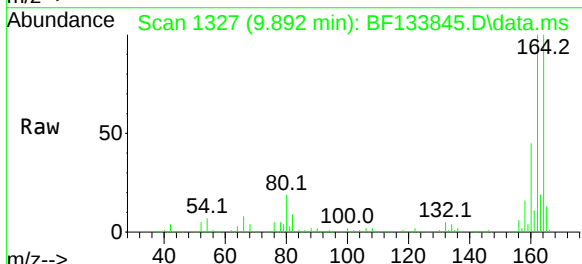
Tgt Ion:164 Resp: 224823

Ion Ratio Lower Upper

164 100

162 100.1 80.8 121.2

160 45.0 36.7 55.1





#42

2,4,6-Tribromophenol

Concen: 115.622 ng

RT: 10.686 min Scan# 1462

Delta R.T. -0.006 min

Lab File: BF133845.D

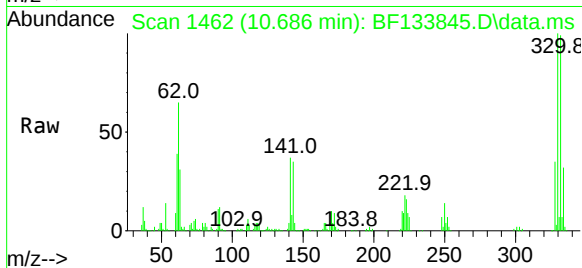
Acq: 20 Jun 2023 09:01

Instrument :

BNA_F

ClientSampleId :

PB153277BL



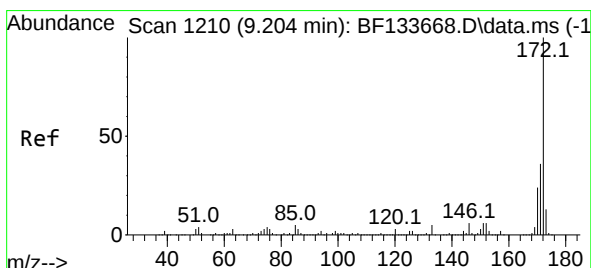
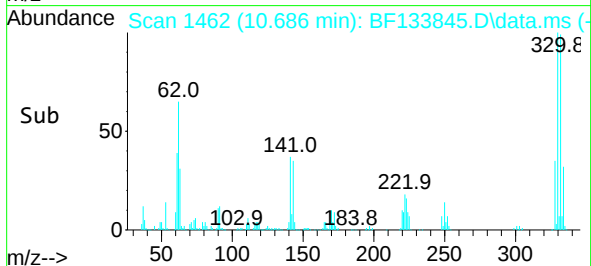
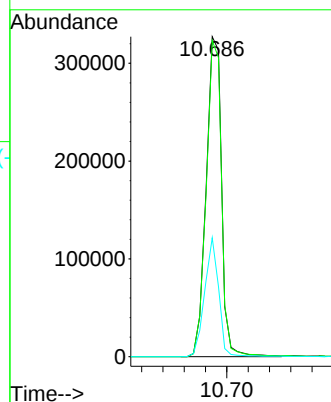
Tgt Ion:330 Resp: 329043

Ion Ratio Lower Upper

330 100

332 98.3 77.2 115.8

141 34.2 24.9 37.3



#45

2-Fluorobiphenyl

Concen: 80.231 ng

RT: 9.216 min Scan# 1212

Delta R.T. 0.000 min

Lab File: BF133845.D

Acq: 20 Jun 2023 09:01

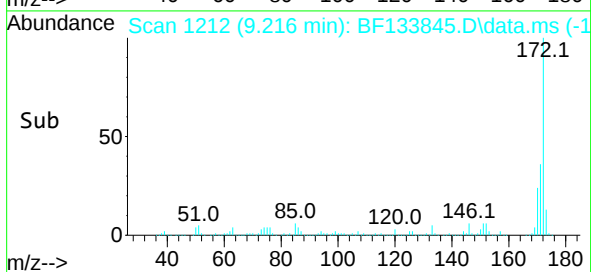
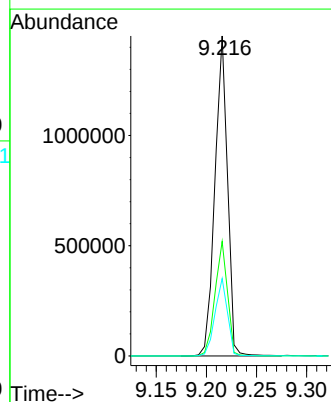
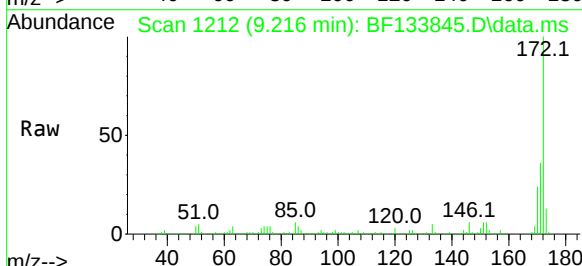
Tgt Ion:172 Resp: 1268904

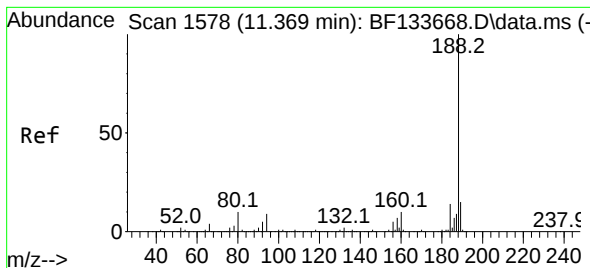
Ion Ratio Lower Upper

172 100

171 35.8 28.6 43.0

170 24.2 19.1 28.7





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.386 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF133845.D

Acq: 20 Jun 2023 09:01

Instrument :

BNA_F

ClientSampleId :

PB153277BL

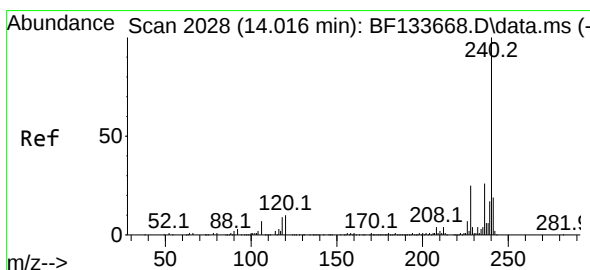
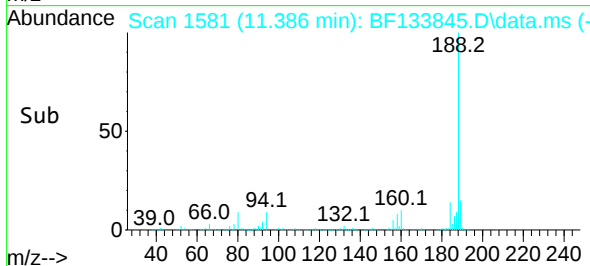
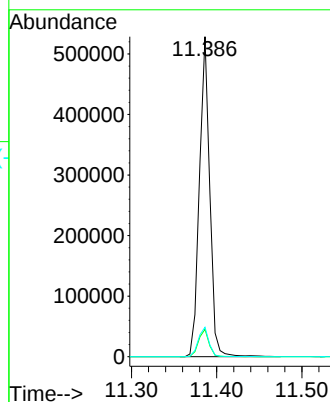
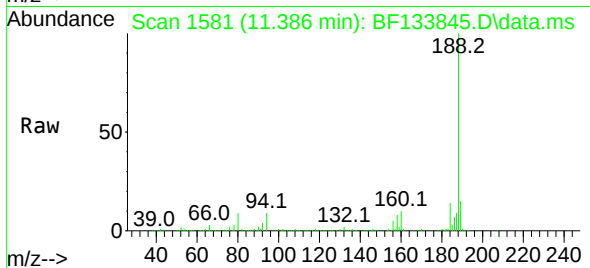
Tgt Ion:188 Resp: 445987

Ion Ratio Lower Upper

188 100

94 8.5 6.8 10.2

80 9.2 7.8 11.6



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.045 min Scan# 2033

Delta R.T. 0.000 min

Lab File: BF133845.D

Acq: 20 Jun 2023 09:01

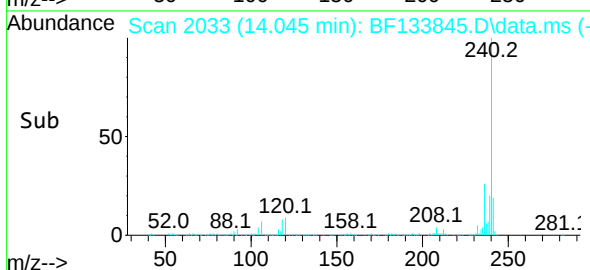
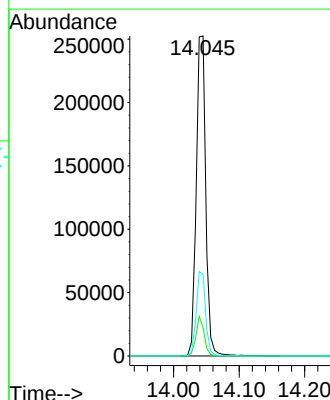
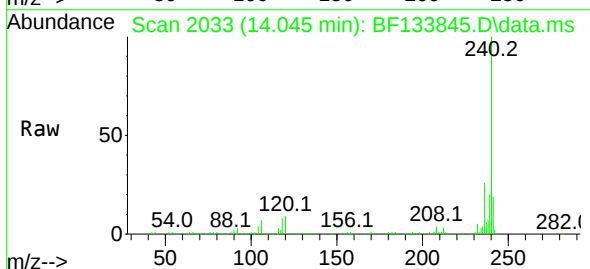
Tgt Ion:240 Resp: 255415

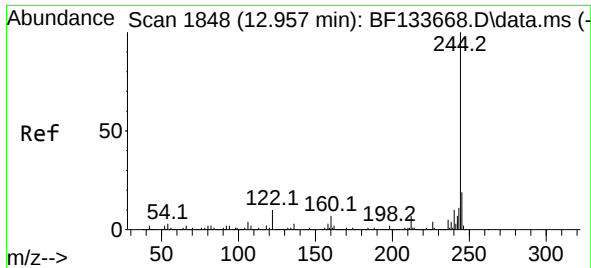
Ion Ratio Lower Upper

240 100

120 8.8 8.1 12.1

236 25.6 20.5 30.7

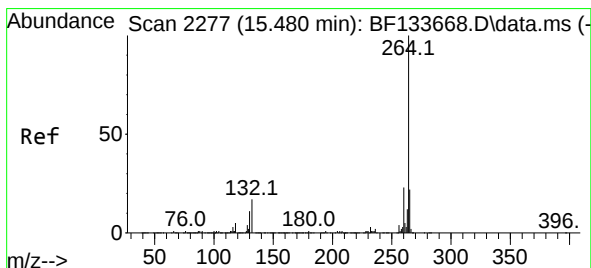
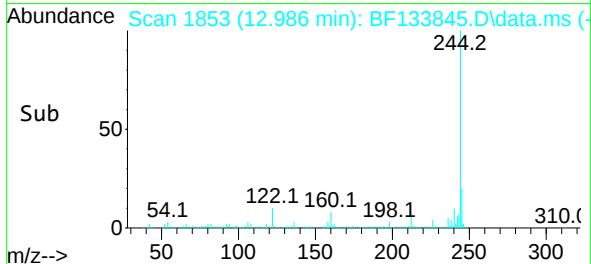
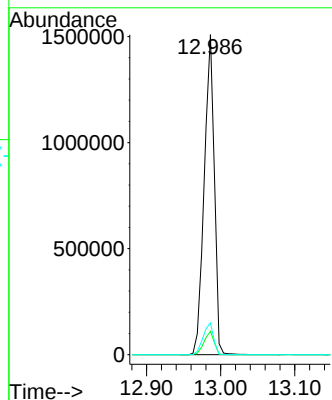
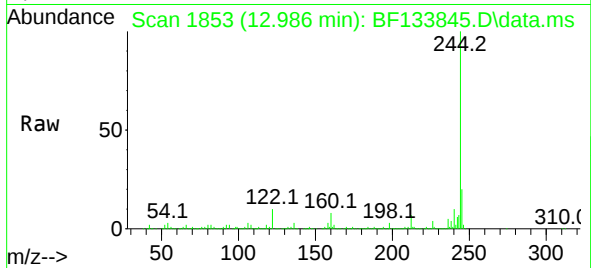




#79
 Terphenyl-d14
 Concen: 86.556 ng
 RT: 12.986 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF133845.D
 Acq: 20 Jun 2023 09:01

Instrument :
 BNA_F
 ClientSampleId :
 PB153277BL

Tgt Ion:244 Resp: 1428755
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.4 8.2
 122 10.0 8.1 12.1



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.545 min Scan# 2288
 Delta R.T. -0.006 min
 Lab File: BF133845.D
 Acq: 20 Jun 2023 09:01

Tgt Ion:264 Resp: 236608
 Ion Ratio Lower Upper
 264 100
 260 22.6 18.2 27.2
 265 22.7 17.8 26.6

