

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060923\
 Data File : BF133691.D
 Acq On : 10 Jun 2023 00:22
 Operator : CG\JU
 Sample : PB153327BL
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB153327BL

Quant Time: Jun 10 02:36:02 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 09 15:37:41 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.840	152	81438	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	287658	20.000	ng	0.00
39) Acenaphthene-d10	9.881	164	121672	20.000	ng	0.00
64) Phenanthrene-d10	11.369	188	209358	20.000	ng	0.00
76) Chrysene-d12	14.016	240	126891	20.000	ng	0.00
86) Perylene-d12	15.486	264	102814	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	795802	170.119	ng	0.02
7) Phenol-d6	6.475	99	940685	154.487	ng	0.00
23) Nitrobenzene-d5	7.410	82	615973	116.632	ng	0.00
42) 2,4,6-Tribromophenol	10.675	330	209469	136.006	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	1029559	120.285	ng	0.00
79) Terphenyl-d14	12.963	244	988252	120.510	ng	0.00

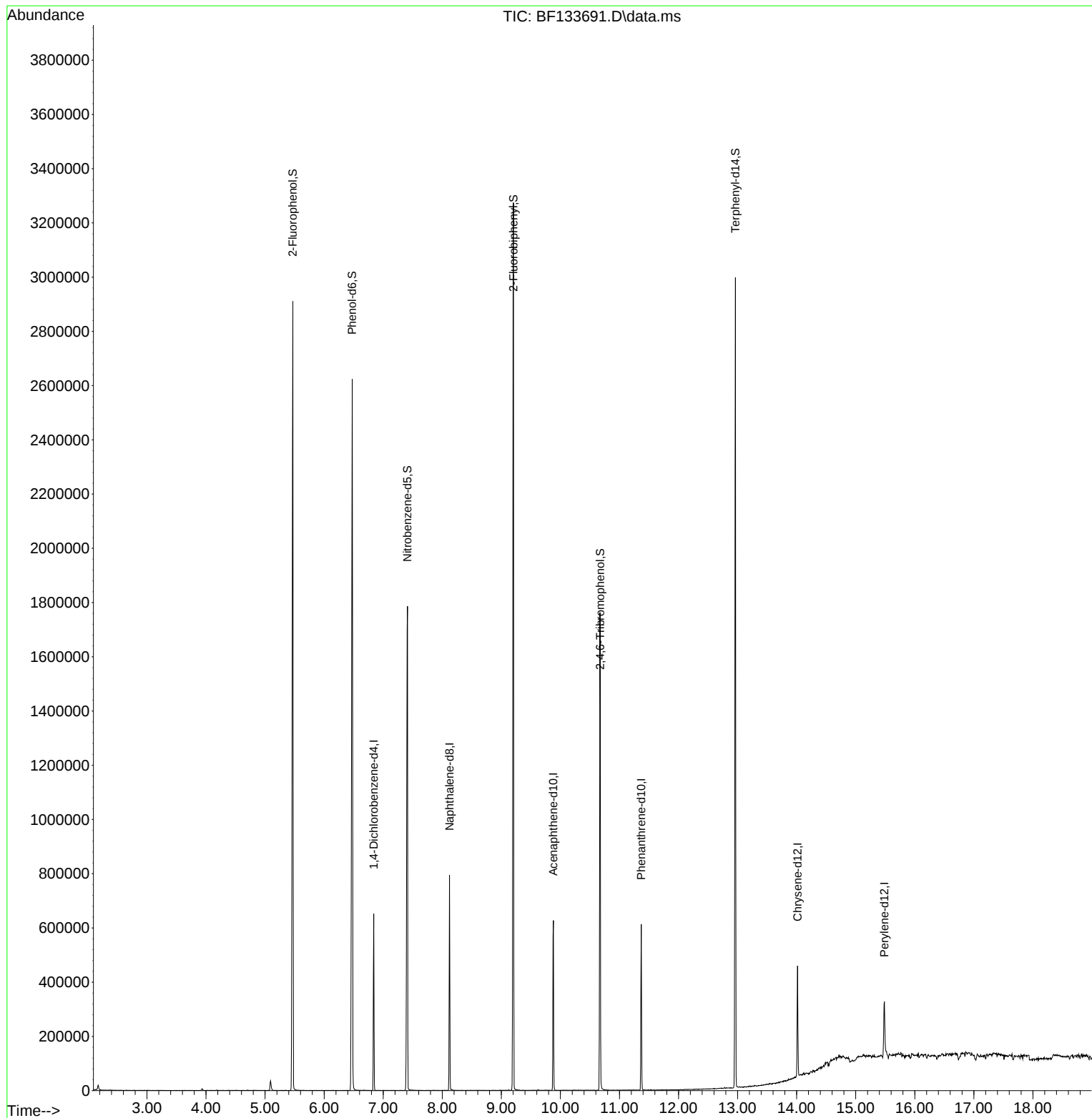
Target Compounds	Qvalue

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

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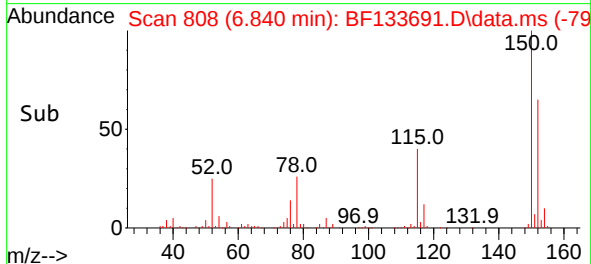
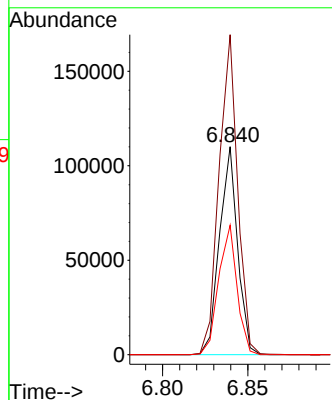
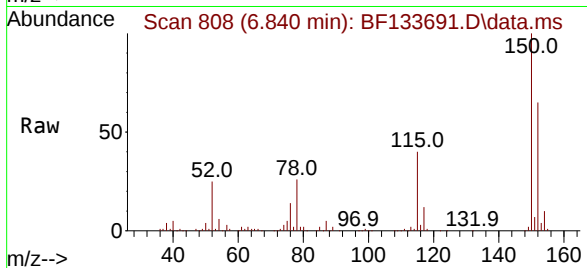




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.840 min Scan# 80
Delta R.T. -0.000 min
Lab File: BF133691.D
Acq: 10 Jun 2023 00:22

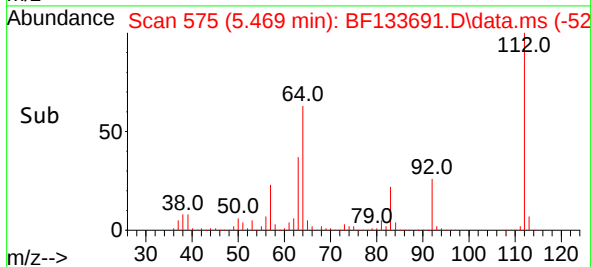
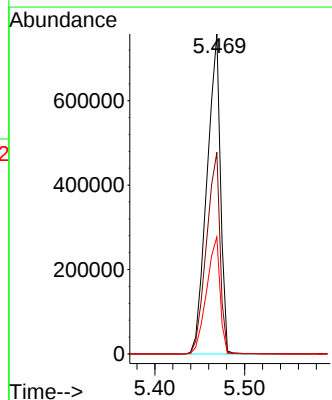
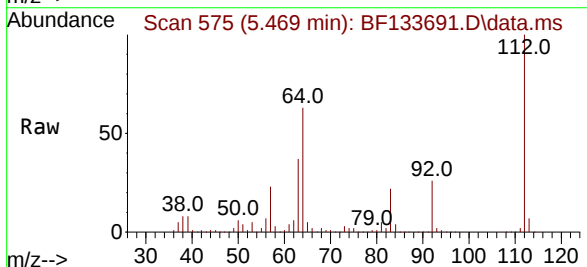
Instrument :
BNA_F
ClientSampleId :
PB153327BL

Tgt Ion:152 Resp: 81438
Ion Ratio Lower Upper
152 100
150 153.8 124.3 186.5
115 62.2 48.5 72.7



#5
2-Fluorophenol
Concen: 170.119 ng
RT: 5.469 min Scan# 575
Delta R.T. 0.018 min
Lab File: BF133691.D
Acq: 10 Jun 2023 00:22

Tgt Ion:112 Resp: 795802
Ion Ratio Lower Upper
112 100
64 63.0 49.0 73.4
63 36.5 26.8 40.2

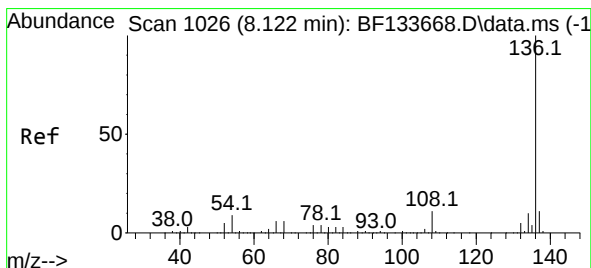
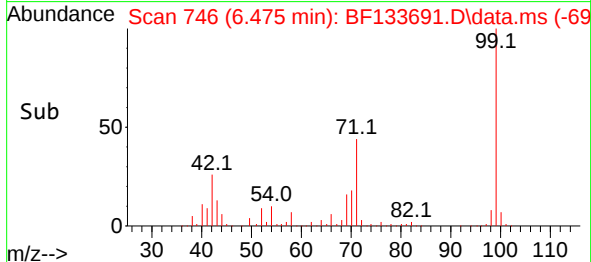
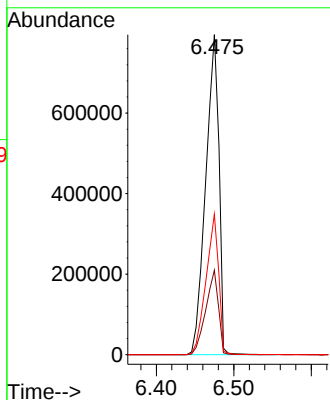
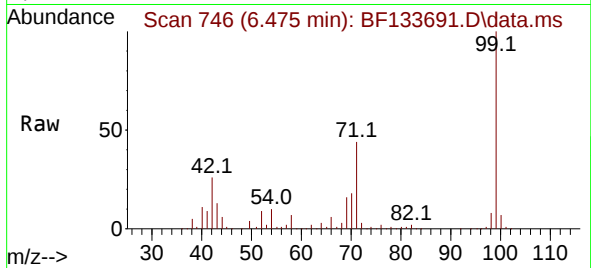




#7
Phenol-d6
Concen: 154.487 ng
RT: 6.475 min Scan# 745
Delta R.T. 0.006 min
Lab File: BF133691.D
Acq: 10 Jun 2023 00:22

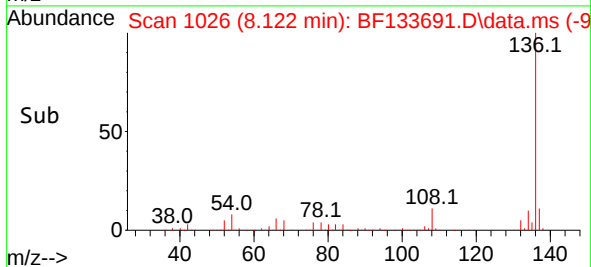
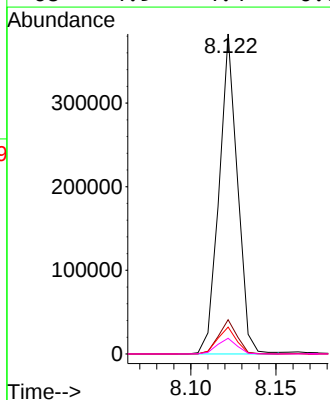
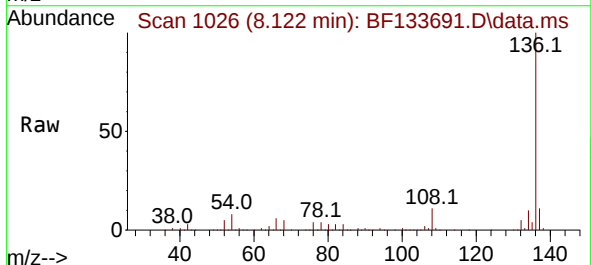
Instrument :
BNA_F
ClientSampleId :
PB153327BL

Tgt Ion: 99 Resp: 940685
Ion Ratio Lower Upper
99 100
42 26.4 19.9 29.9
71 43.9 32.2 48.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 1026
Delta R.T. -0.000 min
Lab File: BF133691.D
Acq: 10 Jun 2023 00:22

Tgt Ion: 136 Resp: 287658
Ion Ratio Lower Upper
136 100
137 10.7 8.8 13.2
54 8.4 7.4 11.0
68 4.9 4.4 6.6





#23

Nitrobenzene-d5

Concen: 116.632 ng

RT: 7.410 min Scan# 905

Delta R.T. -0.000 min

Lab File: BF133691.D

Acq: 10 Jun 2023 00:22

Instrument :

BNA_F

ClientSampleId :

PB153327BL

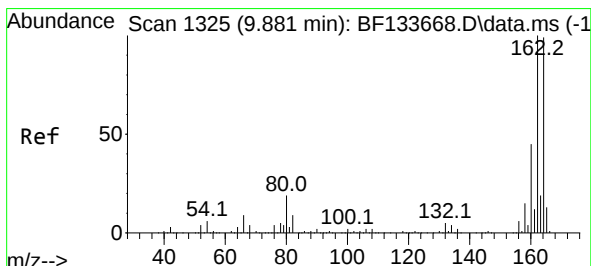
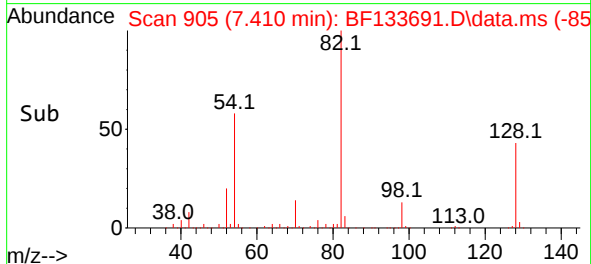
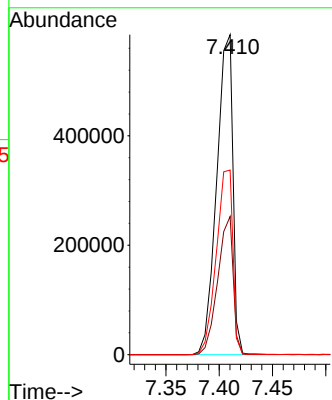
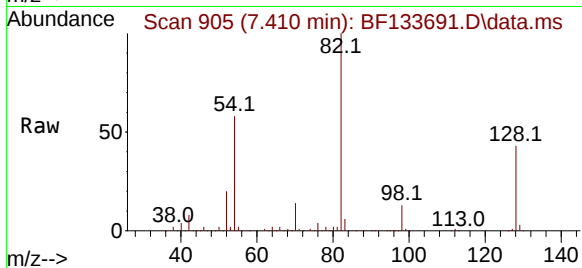
Tgt Ion: 82 Resp: 615973

Ion Ratio Lower Upper

82 100

128 43.2 34.2 51.2

54 57.7 46.5 69.7



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.881 min Scan# 1325

Delta R.T. -0.000 min

Lab File: BF133691.D

Acq: 10 Jun 2023 00:22

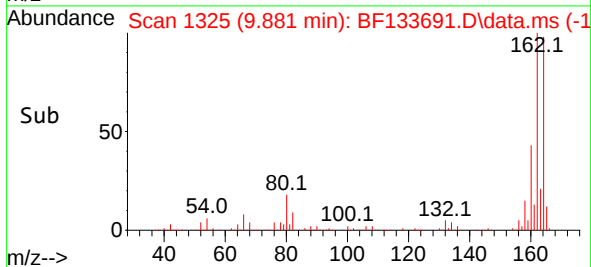
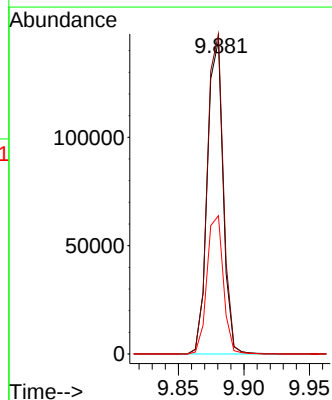
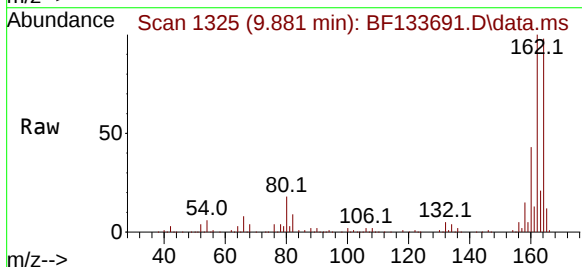
Tgt Ion:164 Resp: 121672

Ion Ratio Lower Upper

164 100

162 102.1 80.8 121.2

160 44.1 36.7 55.1





#42

2,4,6-Tribromophenol

Concen: 136.006 ng

RT: 10.675 min Scan# 1460

Delta R.T. -0.000 min

Lab File: BF133691.D

Acq: 10 Jun 2023 00:22

Instrument :

BNA_F

ClientSampleId :

PB153327BL

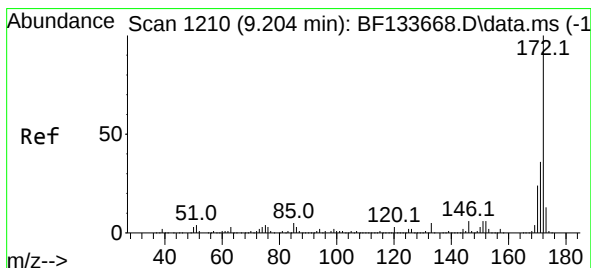
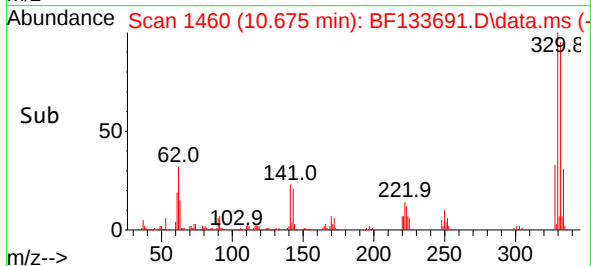
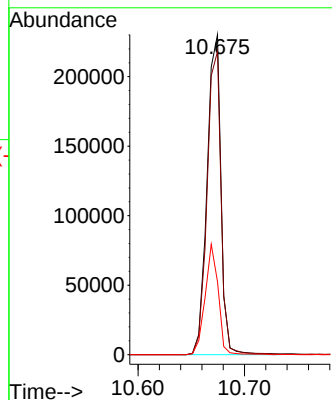
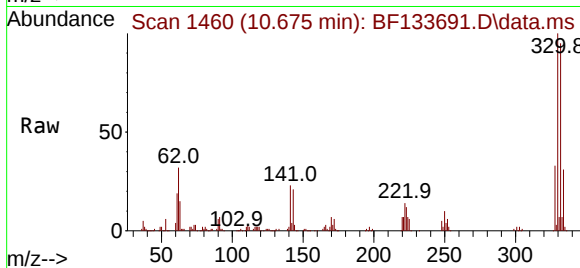
Tgt Ion:330 Resp: 209469

Ion Ratio Lower Upper

330 100

332 95.5 77.2 115.8

141 32.6 24.9 37.3



#45

2-Fluorobiphenyl

Concen: 120.285 ng

RT: 9.204 min Scan# 1210

Delta R.T. -0.000 min

Lab File: BF133691.D

Acq: 10 Jun 2023 00:22

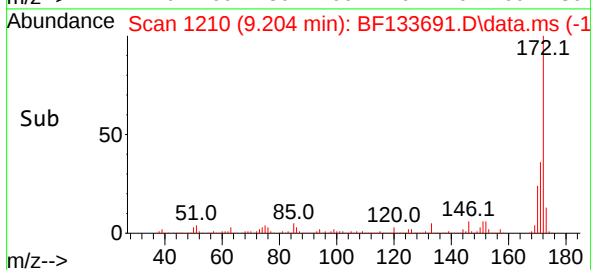
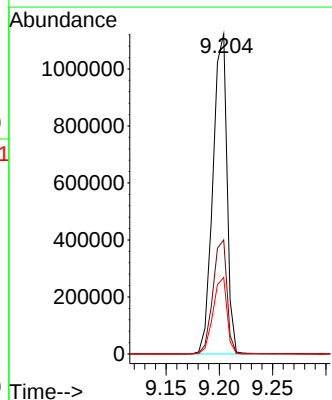
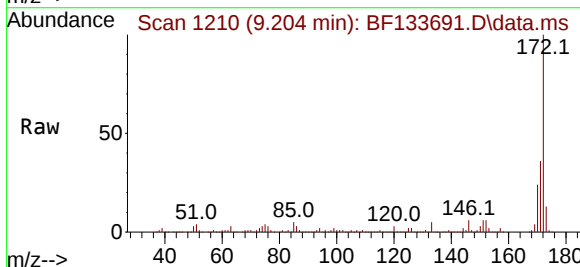
Tgt Ion:172 Resp: 1029559

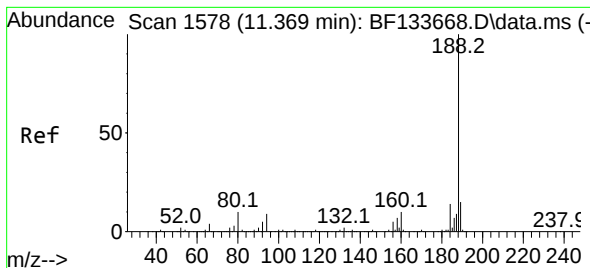
Ion Ratio Lower Upper

172 100

171 35.6 28.6 43.0

170 23.9 19.1 28.7





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.369 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF133691.D

Acq: 10 Jun 2023 00:22

Instrument :

BNA_F

ClientSampleId :

PB153327BL

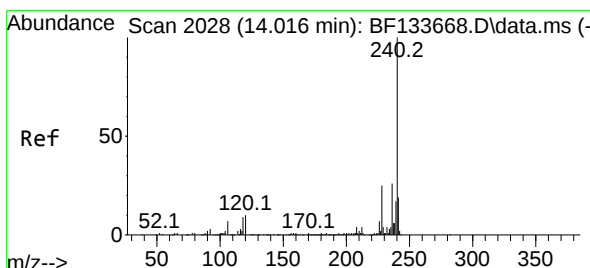
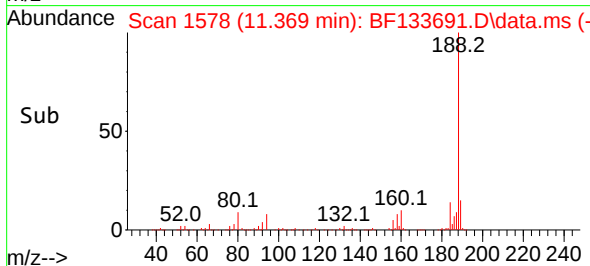
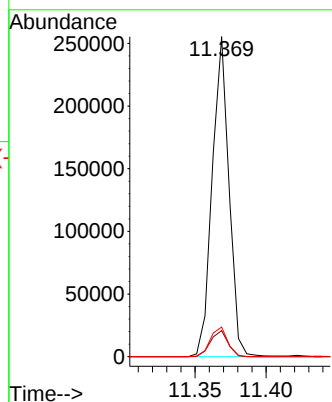
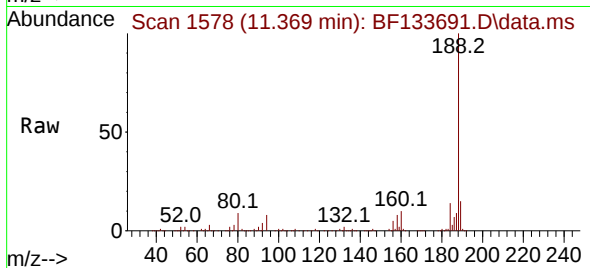
Tgt Ion:188 Resp: 209358

Ion Ratio Lower Upper

188 100

94 8.1 6.8 10.2

80 9.2 7.8 11.6



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.016 min Scan# 2028

Delta R.T. -0.000 min

Lab File: BF133691.D

Acq: 10 Jun 2023 00:22

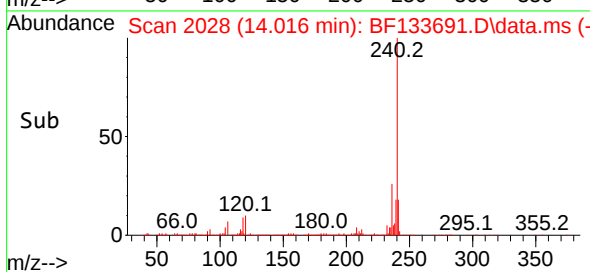
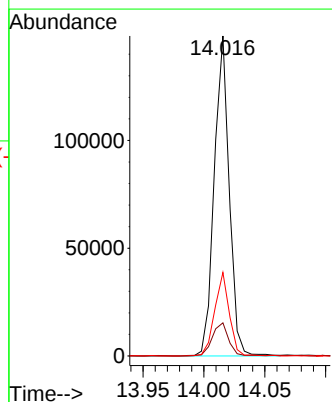
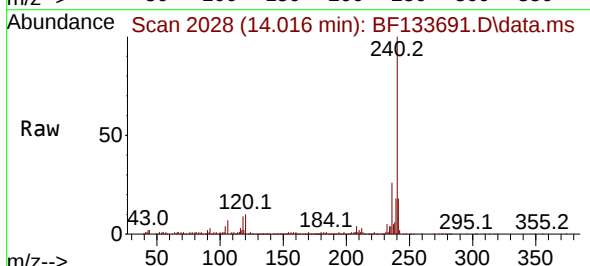
Tgt Ion:240 Resp: 126891

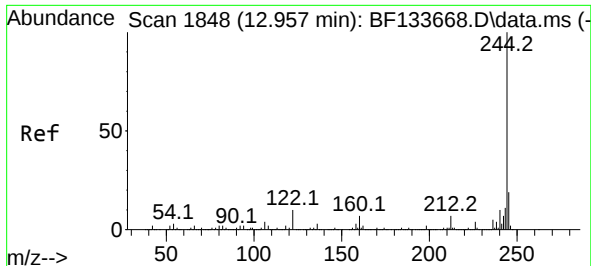
Ion Ratio Lower Upper

240 100

120 10.4 8.1 12.1

236 26.1 20.5 30.7

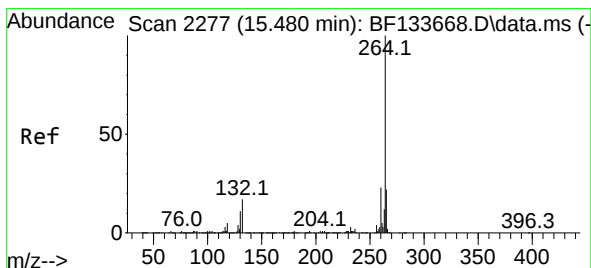
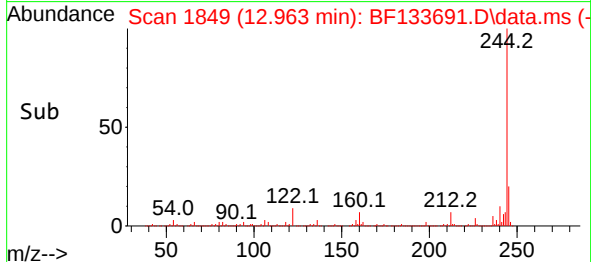
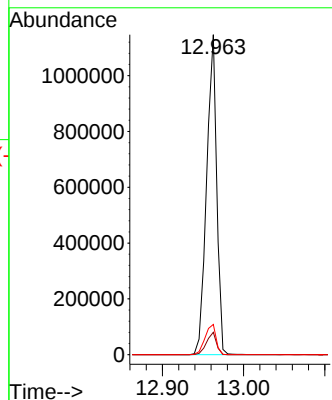
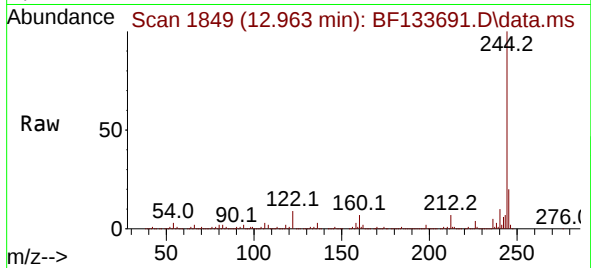




#79
 Terphenyl-d14
 Concen: 120.510 ng
 RT: 12.963 min Scan# 1849
 Delta R.T. 0.006 min
 Lab File: BF133691.D
 Acq: 10 Jun 2023 00:22

Instrument :
 BNA_F
 ClientSampleId :
 PB153327BL

Tgt Ion:244 Resp: 988252
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.4 8.2
 122 9.5 8.1 12.1



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.486 min Scan# 2278
 Delta R.T. 0.006 min
 Lab File: BF133691.D
 Acq: 10 Jun 2023 00:22

Tgt Ion:264 Resp: 102814
 Ion Ratio Lower Upper
 264 100
 260 22.2 18.2 27.2
 265 20.0 17.8 26.6

