

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060923\
 Data File : BF133693.D
 Acq On : 10 Jun 2023 01:27
 Operator : CG\JU
 Sample : PB153303TB
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB153303TB

Quant Time: Jun 10 02:36:54 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	98154	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	344495	20.000	ng	0.00
39) Acenaphthene-d10	9.881	164	148945	20.000	ng	0.00
64) Phenanthrene-d10	11.369	188	260496	20.000	ng	0.00
76) Chrysene-d12	14.016	240	135531	20.000	ng	0.00
86) Perylene-d12	15.480	264	113684	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	830139	147.237	ng	0.02
7) Phenol-d6	6.475	99	985338	134.262	ng	0.00
23) Nitrobenzene-d5	7.404	82	636144	100.578	ng	0.00
42) 2,4,6-Tribromophenol	10.669	330	218146	115.704	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	1092457	104.263	ng	0.00
79) Terphenyl-d14	12.963	244	1001756	114.370	ng	0.00

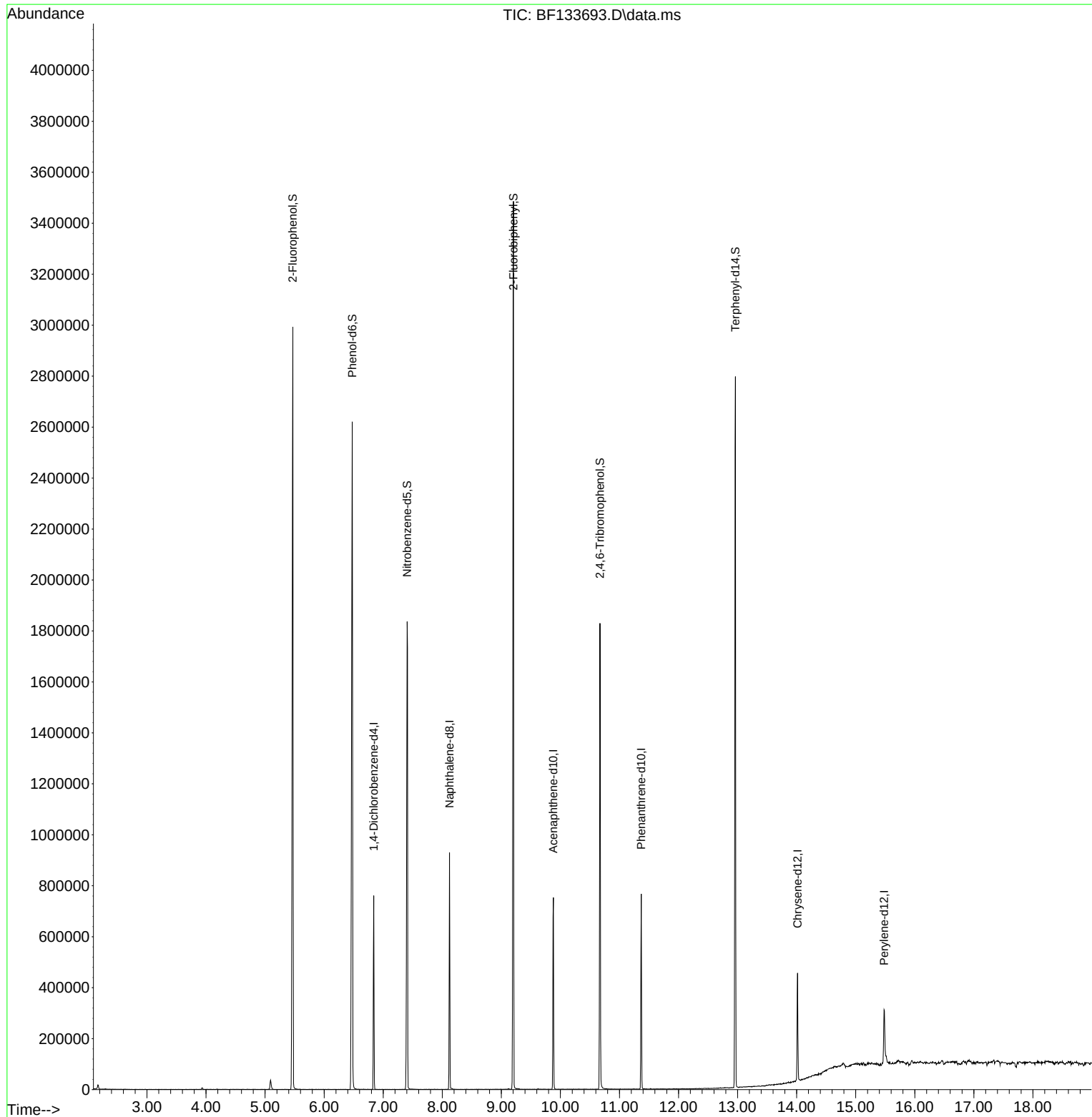
Target Compounds	Qvalue

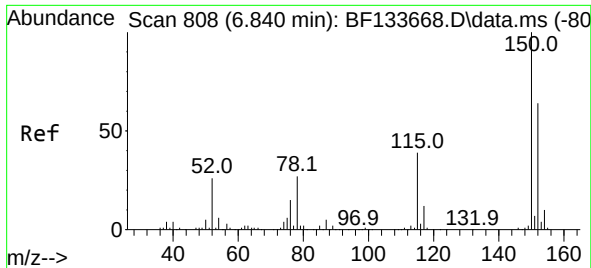
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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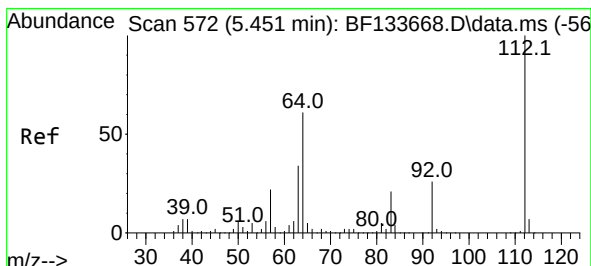
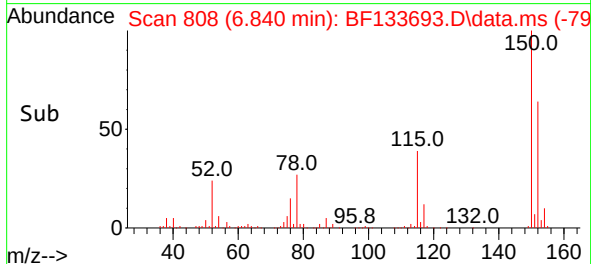
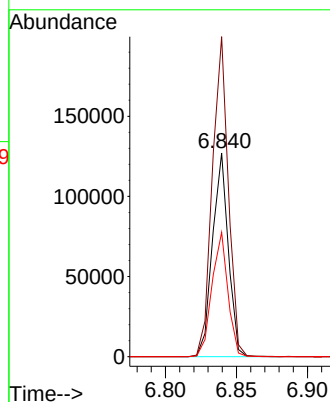
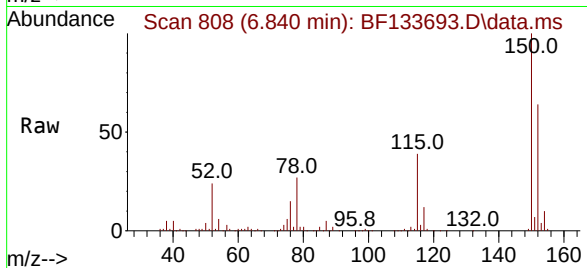




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.840 min Scan# 80
Delta R.T. -0.000 min
Lab File: BF133693.D
Acq: 10 Jun 2023 01:27

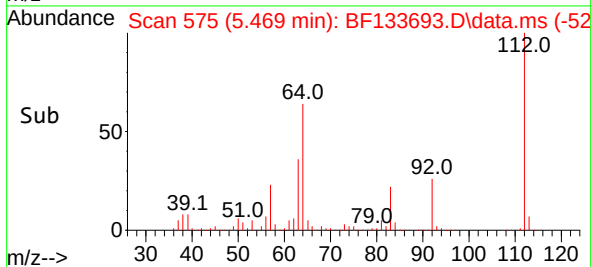
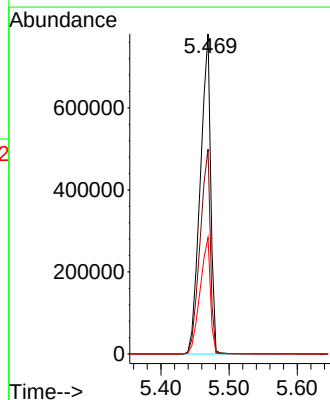
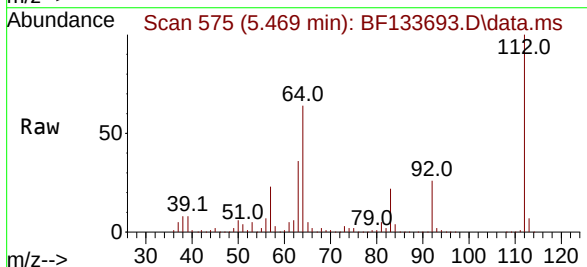
Instrument :
BNA_F
ClientSampleId :
PB153303TB

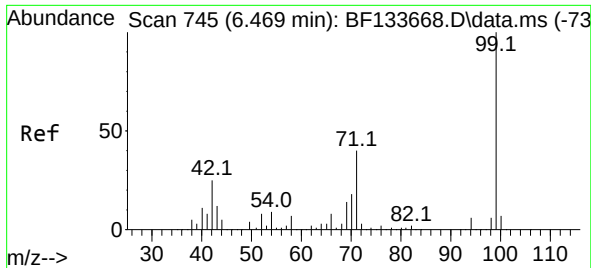
Tgt Ion:152 Resp: 98154
Ion Ratio Lower Upper
152 100
150 157.1 124.3 186.5
115 61.0 48.5 72.7



#5
2-Fluorophenol
Concen: 147.237 ng
RT: 5.469 min Scan# 575
Delta R.T. 0.018 min
Lab File: BF133693.D
Acq: 10 Jun 2023 01:27

Tgt Ion:112 Resp: 830139
Ion Ratio Lower Upper
112 100
64 64.0 49.0 73.4
63 36.4 26.8 40.2

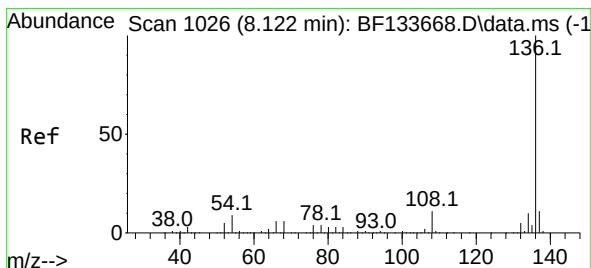
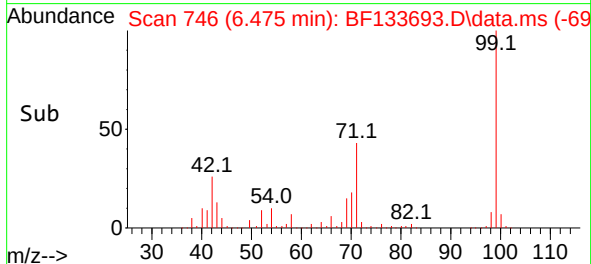
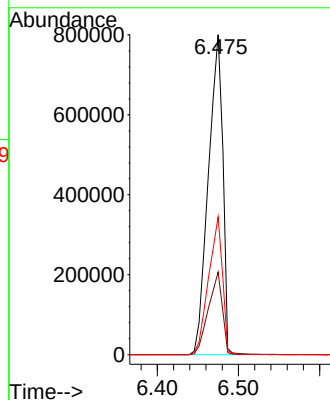
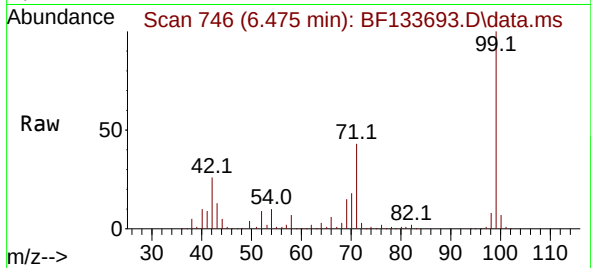




#7
Phenol-d6
Concen: 134.262 ng
RT: 6.475 min Scan# 745
Delta R.T. 0.006 min
Lab File: BF133693.D
Acq: 10 Jun 2023 01:27

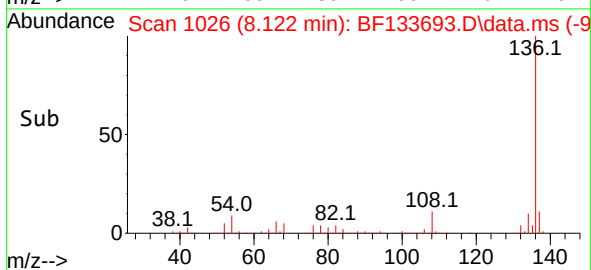
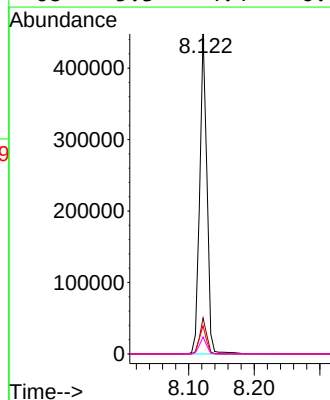
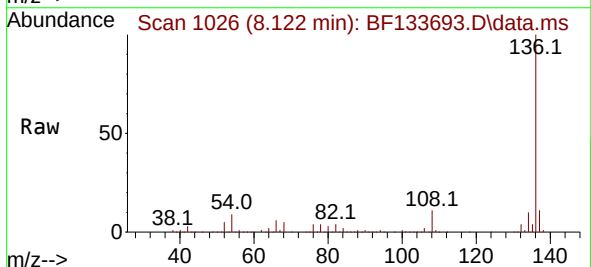
Instrument :
BNA_F
ClientSampleId :
PB153303TB

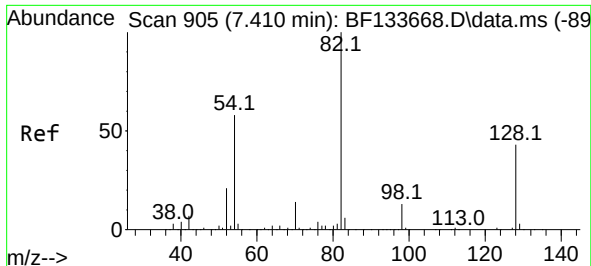
Tgt Ion: 99 Resp: 985338
Ion Ratio Lower Upper
99 100
42 25.8 19.9 29.9
71 43.1 32.2 48.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 1026
Delta R.T. -0.000 min
Lab File: BF133693.D
Acq: 10 Jun 2023 01:27

Tgt Ion: 136 Resp: 344495
Ion Ratio Lower Upper
136 100
137 11.3 8.8 13.2
54 8.8 7.4 11.0
68 5.3 4.4 6.6





#23

Nitrobenzene-d5

Concen: 100.578 ng

RT: 7.404 min Scan# 904

Delta R.T. -0.006 min

Lab File: BF133693.D

Acq: 10 Jun 2023 01:27

Instrument :

BNA_F

ClientSampleId :

PB153303TB

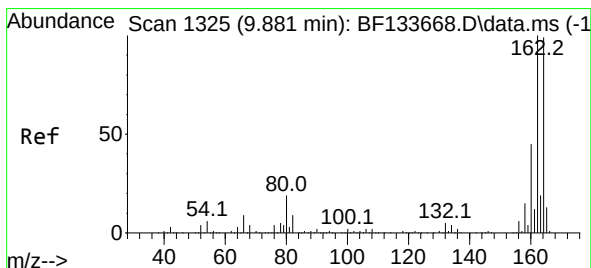
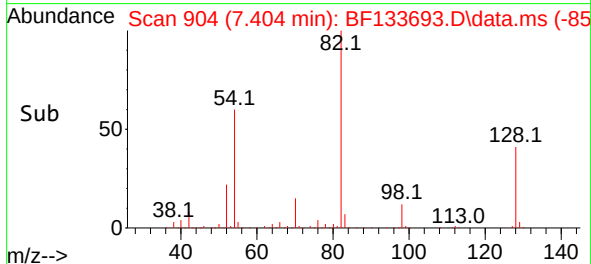
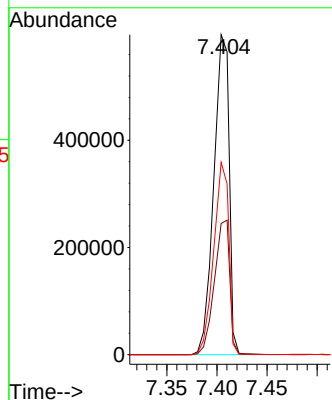
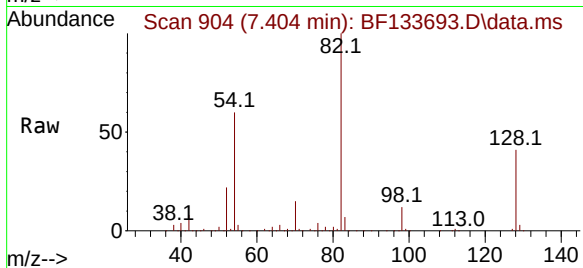
Tgt Ion: 82 Resp: 636144

Ion Ratio Lower Upper

82 100

128 41.0 34.2 51.2

54 60.1 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: BF133693.D

Acq: 10 Jun 2023 01:27

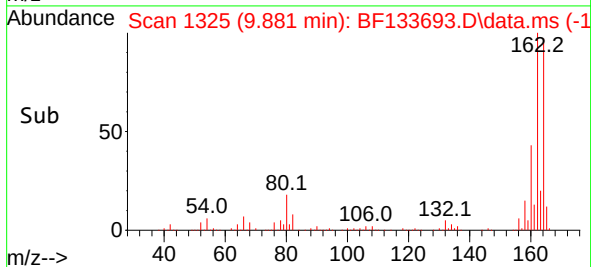
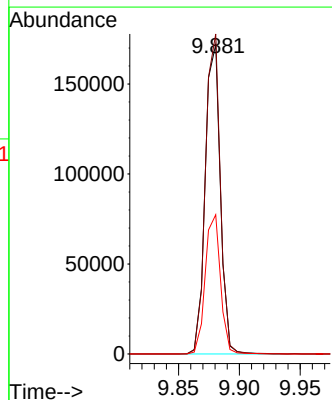
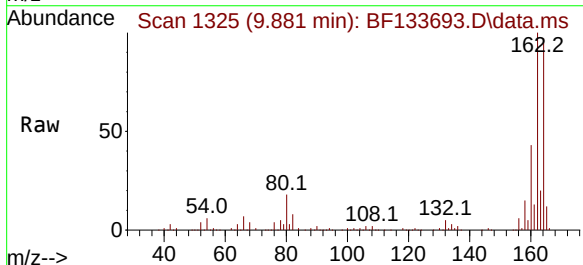
Tgt Ion:164 Resp: 148945

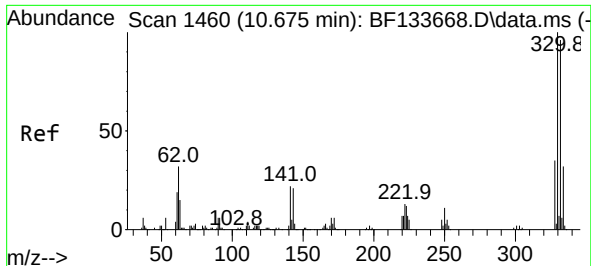
Ion Ratio Lower Upper

164 100

162 103.4 80.8 121.2

160 45.0 36.7 55.1





#42

2,4,6-Tribromophenol

Concen: 115.704 ng

RT: 10.669 min Scan# 1459

Delta R.T. -0.006 min

Lab File: BF133693.D

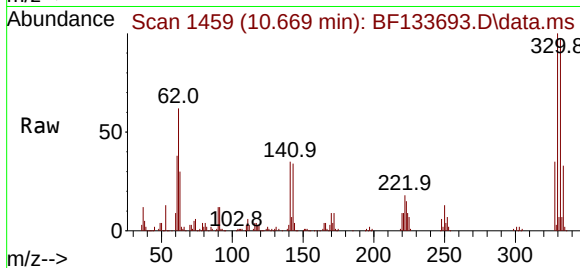
Acq: 10 Jun 2023 01:27

Instrument :

BNA_F

ClientSampleId :

PB153303TB



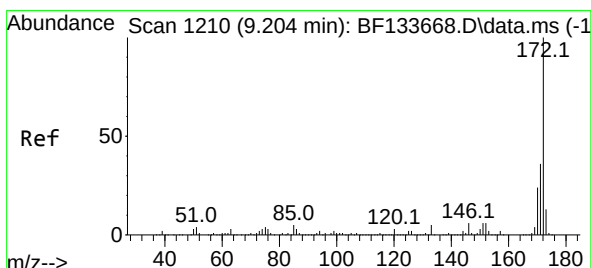
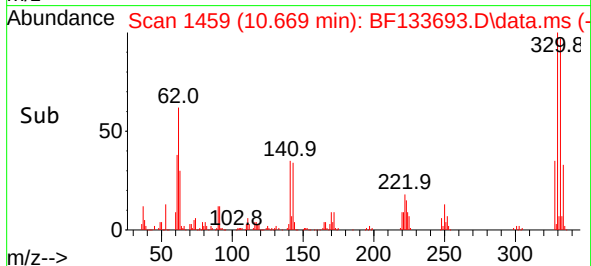
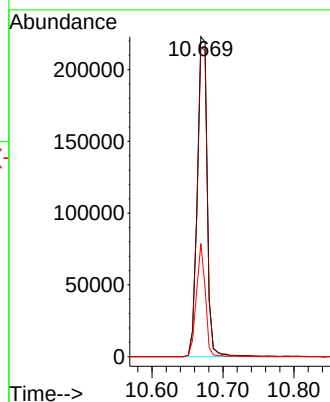
Tgt Ion:330 Resp: 218146

Ion Ratio Lower Upper

330 100

332 97.3 77.2 115.8

141 31.7 24.9 37.3



#45

2-Fluorobiphenyl

Concen: 104.263 ng

RT: 9.204 min Scan# 1210

Delta R.T. -0.000 min

Lab File: BF133693.D

Acq: 10 Jun 2023 01:27

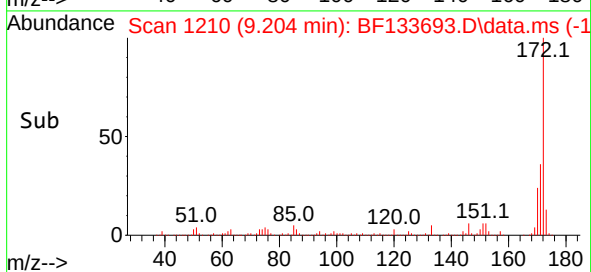
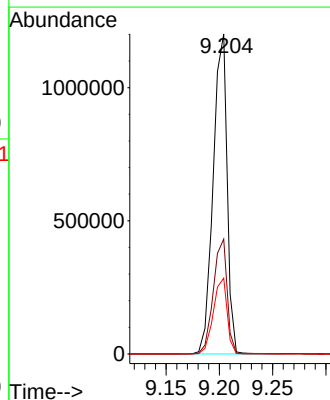
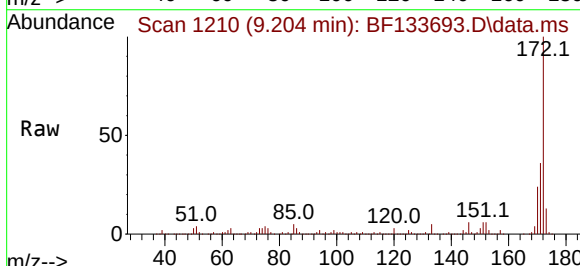
Tgt Ion:172 Resp: 1092457

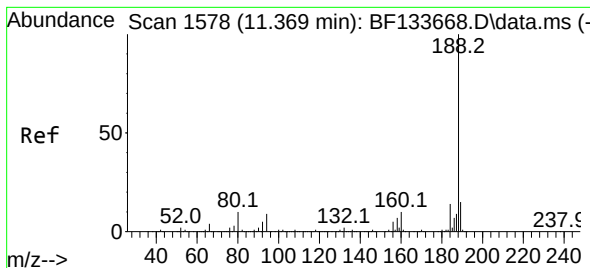
Ion Ratio Lower Upper

172 100

171 35.9 28.6 43.0

170 23.7 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: BF133693.D

Acq: 10 Jun 2023 01:27

Instrument :

BNA_F

ClientSampleId :

PB153303TB

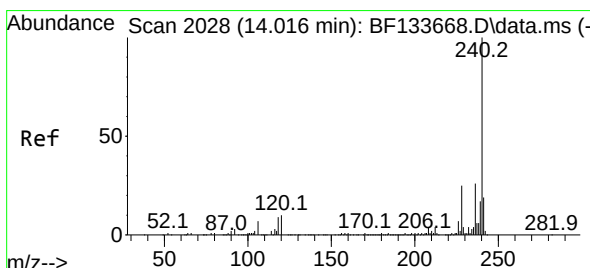
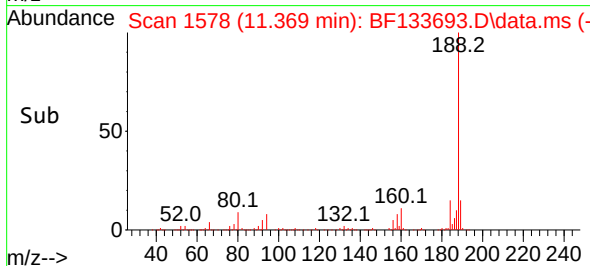
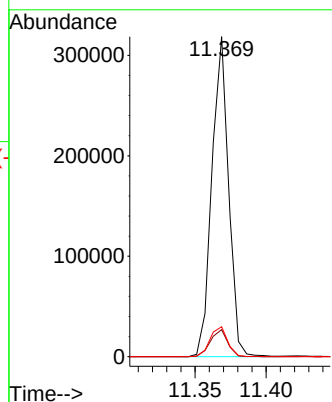
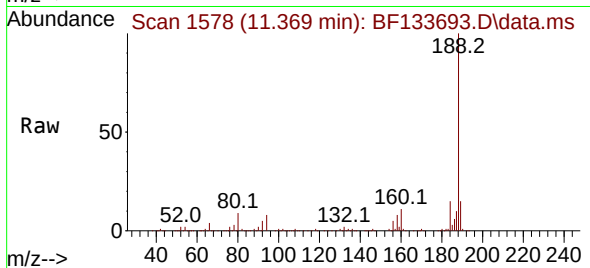
Tgt Ion:188 Resp: 260496

Ion Ratio Lower Upper

188 100

94 8.5 6.8 10.2

80 9.3 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: BF133693.D

Acq: 10 Jun 2023 01:27

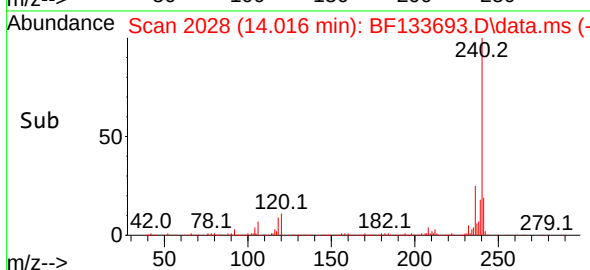
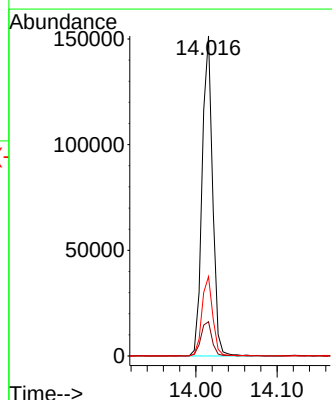
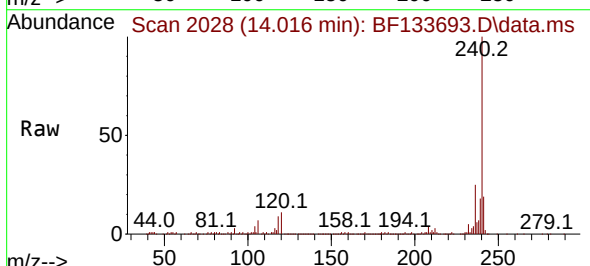
Tgt Ion:240 Resp: 135531

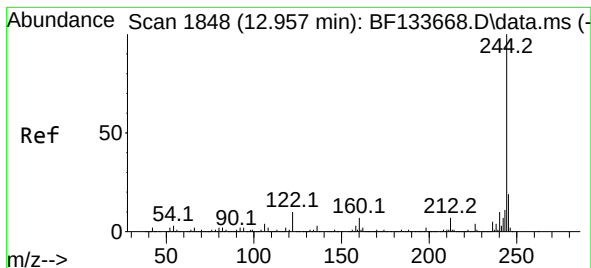
Ion Ratio Lower Upper

240 100

120 10.7 8.1 12.1

236 24.8 20.5 30.7





#79

Terphenyl-d14

Concen: 114.370 ng

RT: 12.963 min Scan# 1849

Delta R.T. 0.006 min

Lab File: BF133693.D

Acq: 10 Jun 2023 01:27

Instrument :

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ClientSampleId :

PB153303TB

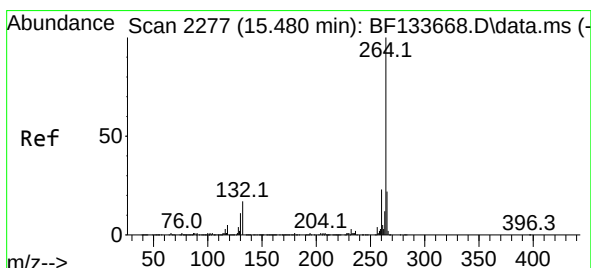
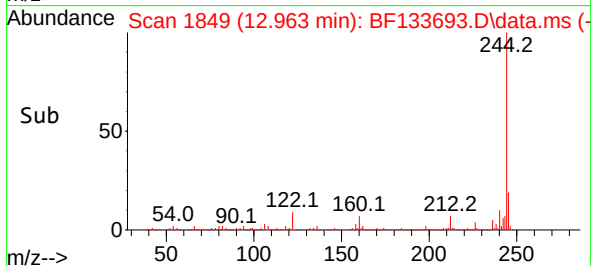
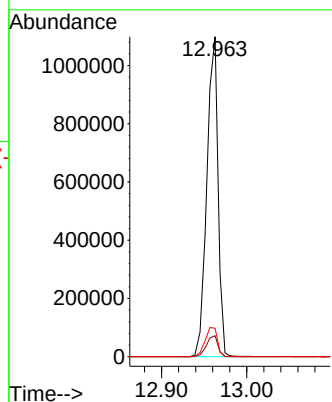
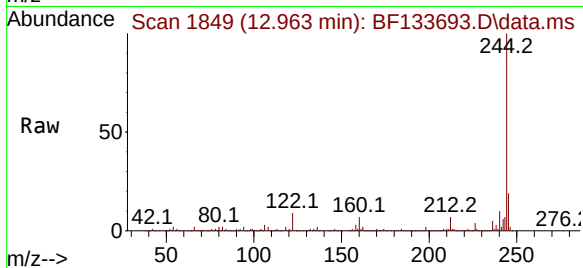
Tgt Ion:244 Resp: 1001756

Ion Ratio Lower Upper

244 100

212 6.5 5.4 8.2

122 8.9 8.1 12.1



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.480 min Scan# 2277

Delta R.T. -0.000 min

Lab File: BF133693.D

Acq: 10 Jun 2023 01:27

Tgt Ion:264 Resp: 113684

Ion Ratio Lower Upper

264 100

260 23.9 18.2 27.2

265 21.0 17.8 26.6

