

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060923\
 Data File : BF133697.D
 Acq On : 10 Jun 2023 03:34
 Operator : CG\JU
 Sample : 03092-05
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-2

Quant Time: Jun 10 04:05:15 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	6.839	152	102068	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	350555	20.000	ng	0.00
39) Acenaphthene-d10	9.880	164	143511	20.000	ng	0.00
64) Phenanthrene-d10	11.369	188	247135	20.000	ng	0.00
76) Chrysene-d12	14.015	240	131931	20.000	ng	0.00
86) Perylene-d12	15.480	264	110255	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	413789	70.577	ng	0.02
7) Phenol-d6	6.469	99	454974	59.617	ng	0.00
23) Nitrobenzene-d5	7.404	82	505633	78.562	ng	0.00
42) 2,4,6-Tribromophenol	10.669	330	127026	69.925	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	843685	83.569	ng	0.00
79) Terphenyl-d14	12.957	244	749804	87.940	ng	0.00

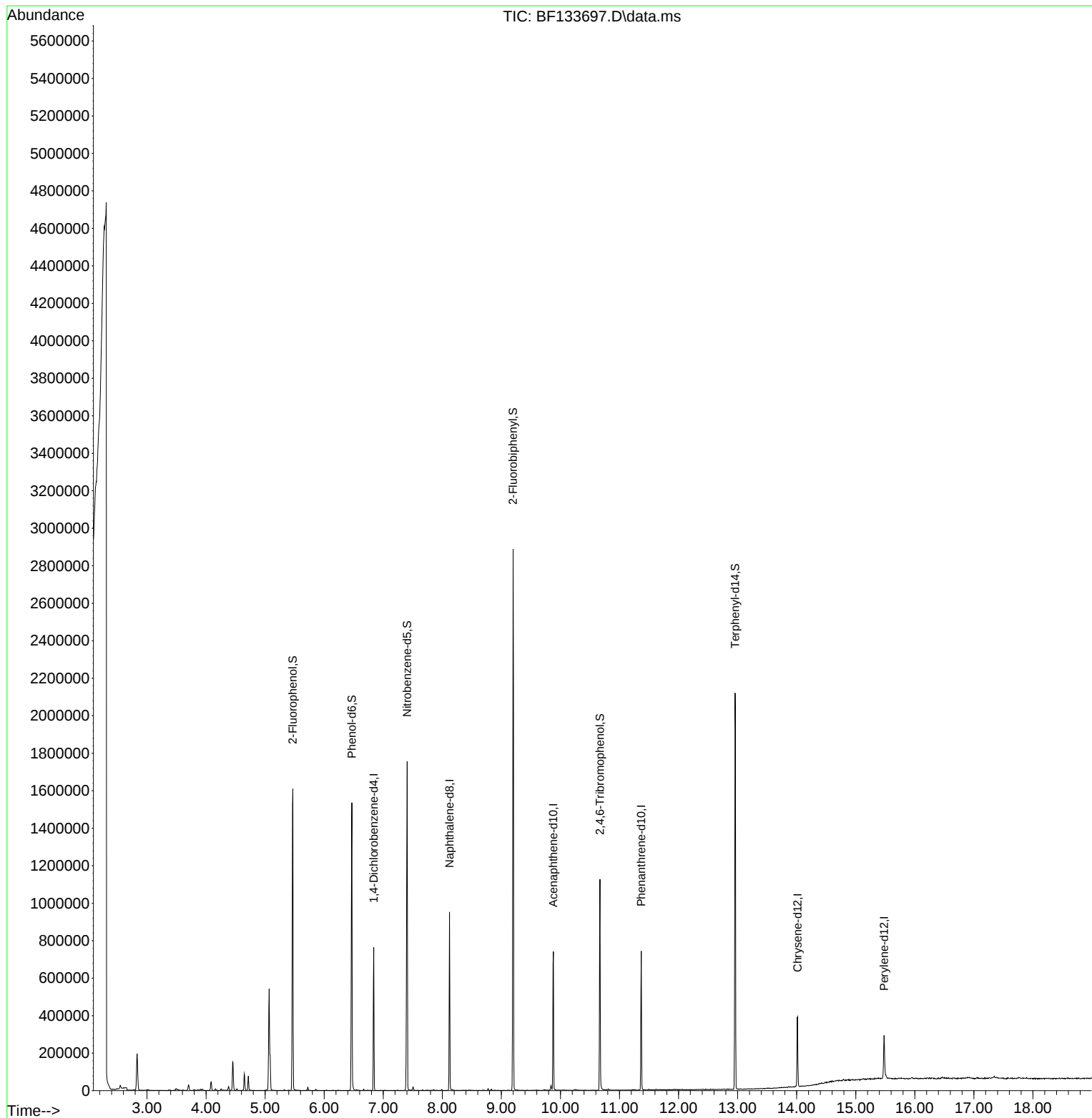
Target Compounds	Qvalue

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

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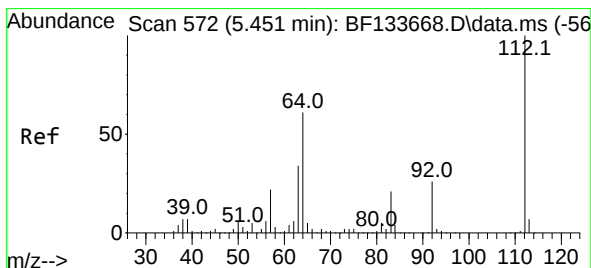
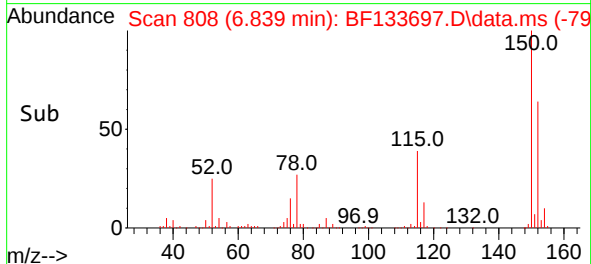
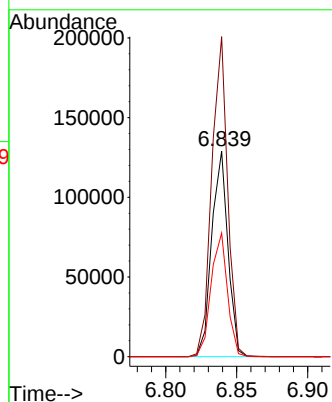
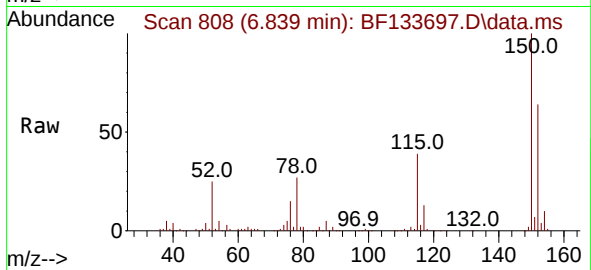




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.839 min Scan# 80
Delta R.T. -0.001 min
Lab File: BF133697.D
Acq: 10 Jun 2023 03:34

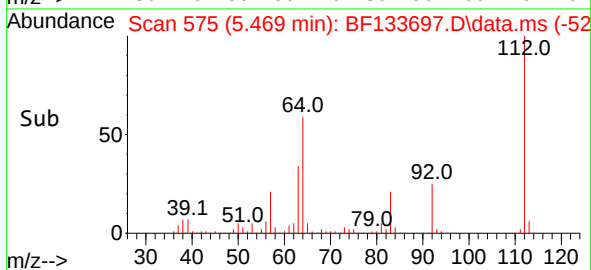
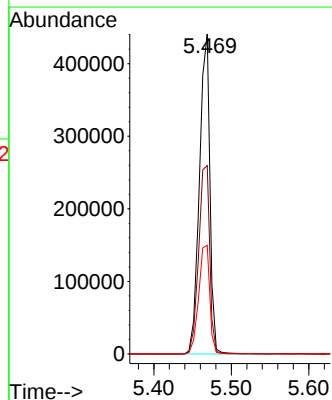
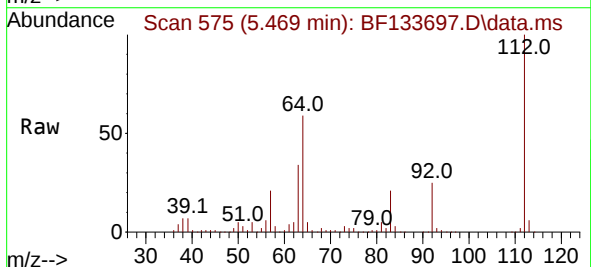
Instrument :
BNA_F
ClientSampleId :
TP-2

Tgt Ion:152 Resp: 102068
Ion Ratio Lower Upper
152 100
150 155.7 124.3 186.5
115 60.1 48.5 72.7



#5
2-Fluorophenol
Concen: 70.577 ng
RT: 5.469 min Scan# 575
Delta R.T. 0.018 min
Lab File: BF133697.D
Acq: 10 Jun 2023 03:34

Tgt Ion:112 Resp: 413789
Ion Ratio Lower Upper
112 100
64 58.8 49.0 73.4
63 33.9 26.8 40.2

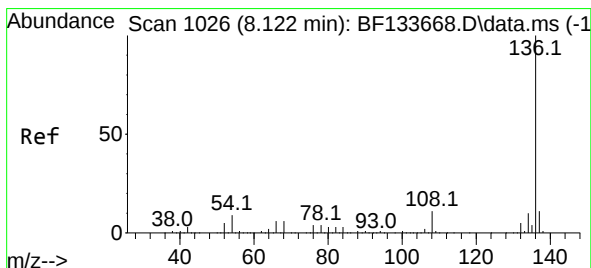
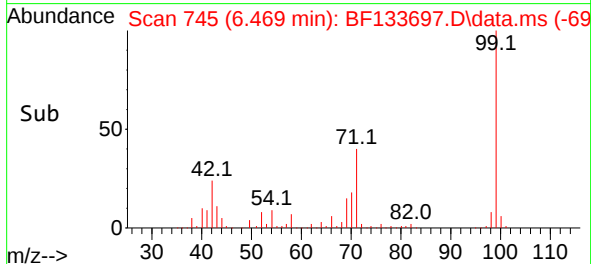
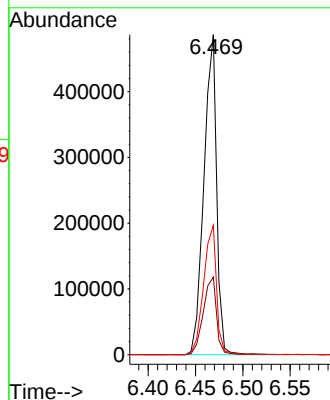
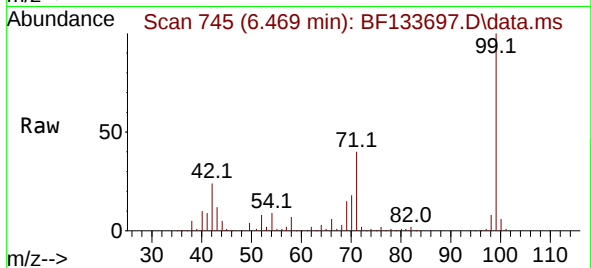




#7
Phenol-d6
Concen: 59.617 ng
RT: 6.469 min Scan# 745
Delta R.T. -0.000 min
Lab File: BF133697.D
Acq: 10 Jun 2023 03:34

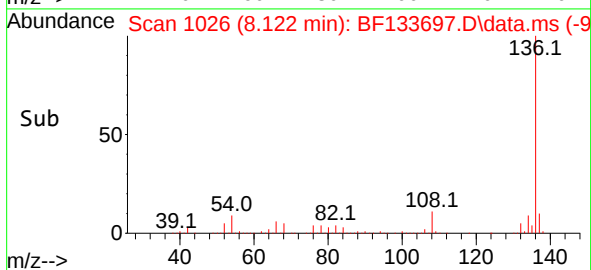
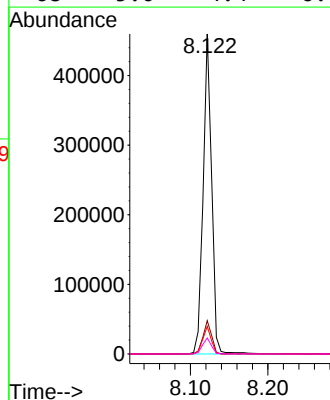
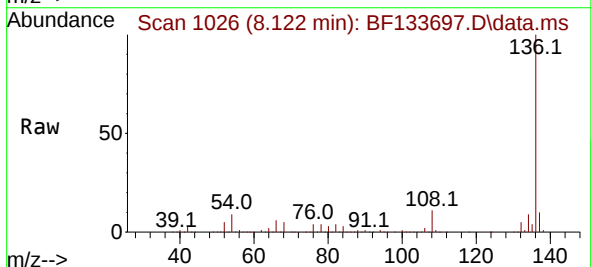
Instrument :
BNA_F
ClientSampleId :
TP-2

Tgt Ion: 99 Resp: 454974
Ion Ratio Lower Upper
99 100
42 24.3 19.9 29.9
71 40.4 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: BF133697.D
Acq: 10 Jun 2023 03:34

Tgt Ion: 136 Resp: 350555
Ion Ratio Lower Upper
136 100
137 10.4 8.8 13.2
54 8.6 7.4 11.0
68 5.0 4.4 6.6





#23

Nitrobenzene-d5

Concen: 78.562 ng

RT: 7.404 min Scan# 905

Delta R.T. -0.006 min

Lab File: BF133697.D

Acq: 10 Jun 2023 03:34

Instrument :

BNA_F

ClientSampleId :

TP-2

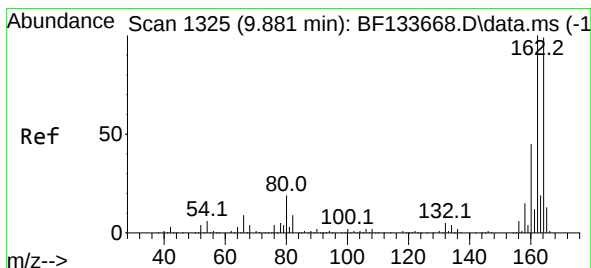
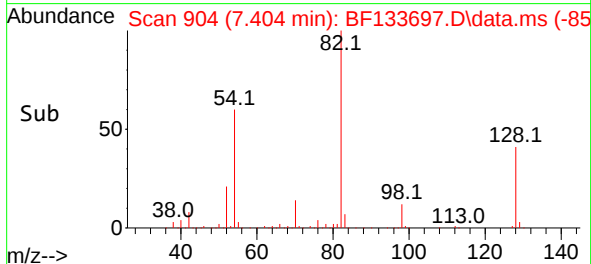
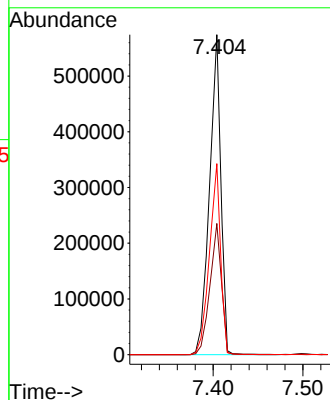
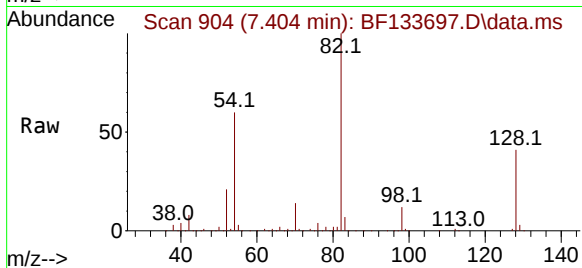
Tgt Ion: 82 Resp: 505633

Ion Ratio Lower Upper

82 100

128 41.0 34.2 51.2

54 59.7 46.5 69.7



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.880 min Scan# 1325

Delta R.T. -0.000 min

Lab File: BF133697.D

Acq: 10 Jun 2023 03:34

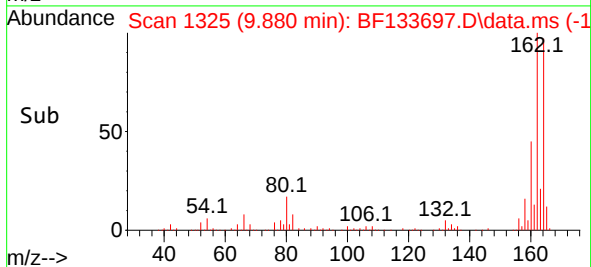
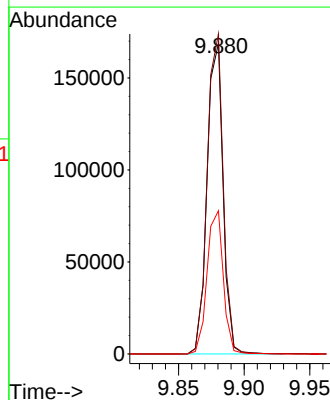
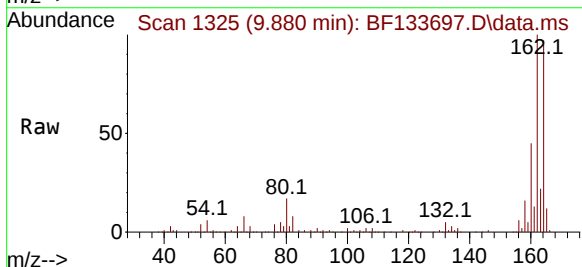
Tgt Ion:164 Resp: 143511

Ion Ratio Lower Upper

164 100

162 103.0 80.8 121.2

160 46.1 36.7 55.1





#42

2,4,6-Tribromophenol

Concen: 69.925 ng

RT: 10.669 min Scan# 1460

Delta R.T. -0.006 min

Lab File: BF133697.D

Acq: 10 Jun 2023 03:34

Instrument :

BNA_F

ClientSampleId :

TP-2

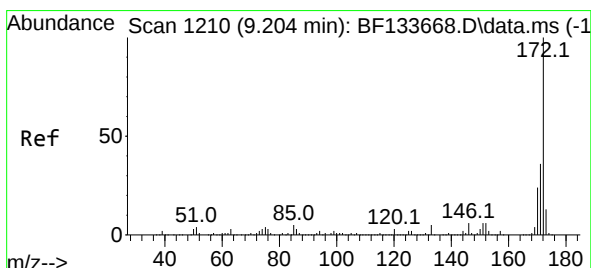
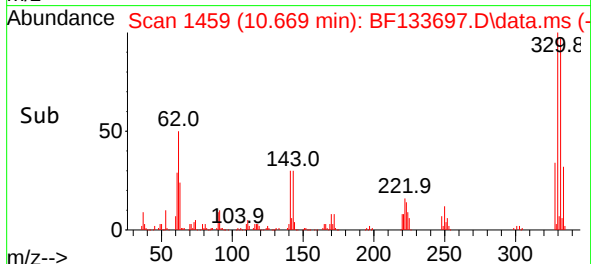
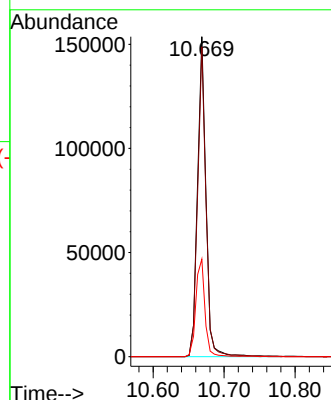
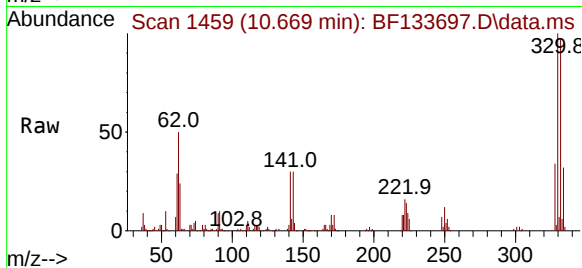
Tgt Ion:330 Resp: 127026

Ion Ratio Lower Upper

330 100

332 96.2 77.2 115.8

141 32.8 24.9 37.3



#45

2-Fluorobiphenyl

Concen: 83.569 ng

RT: 9.198 min Scan# 1209

Delta R.T. -0.006 min

Lab File: BF133697.D

Acq: 10 Jun 2023 03:34

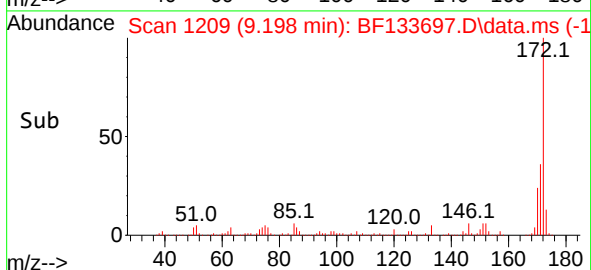
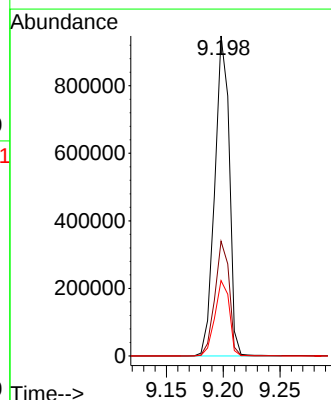
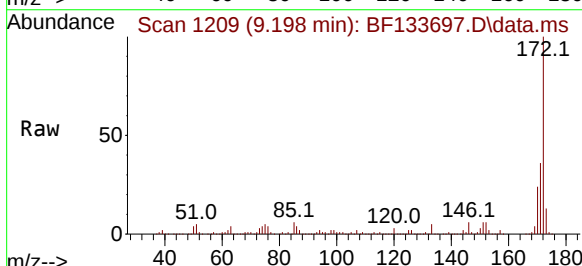
Tgt Ion:172 Resp: 843685

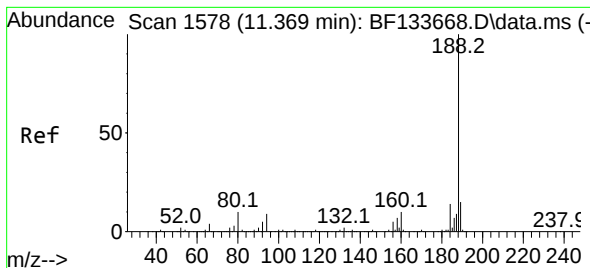
Ion Ratio Lower Upper

172 100

171 35.9 28.6 43.0

170 23.5 19.1 28.7





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.369 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF133697.D

Acq: 10 Jun 2023 03:34

Instrument :

BNA_F

ClientSampleId :

TP-2

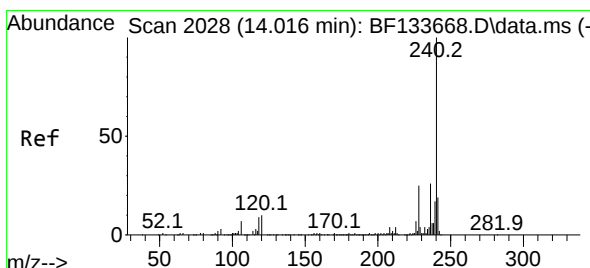
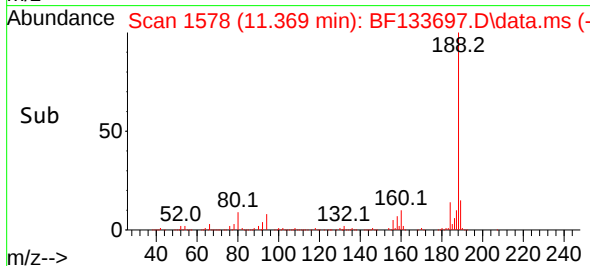
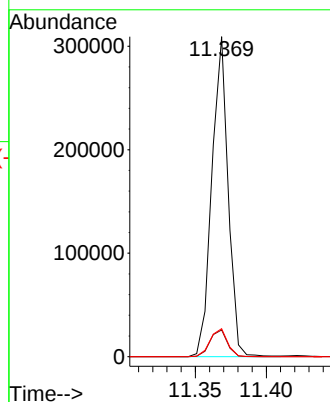
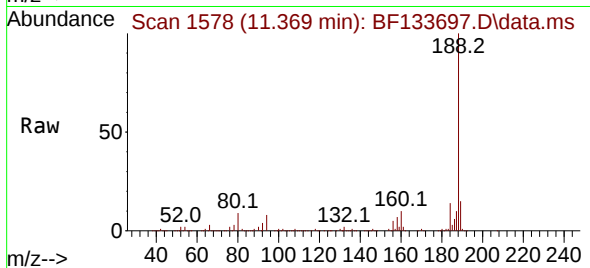
Tgt Ion:188 Resp: 247135

Ion Ratio Lower Upper

188 100

94 8.4 6.8 10.2

80 8.7 7.8 11.6



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.015 min Scan# 2028

Delta R.T. -0.000 min

Lab File: BF133697.D

Acq: 10 Jun 2023 03:34

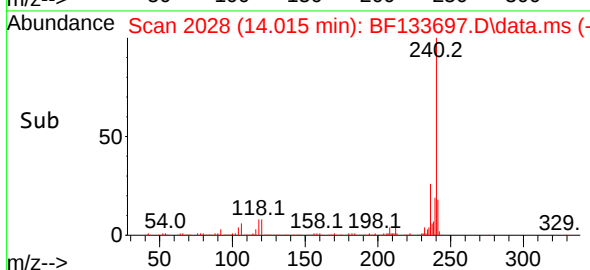
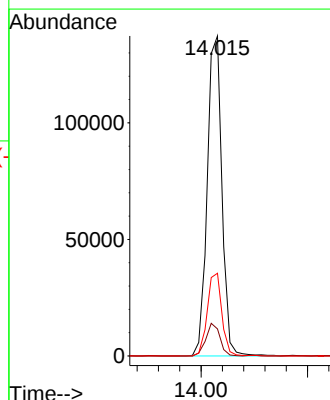
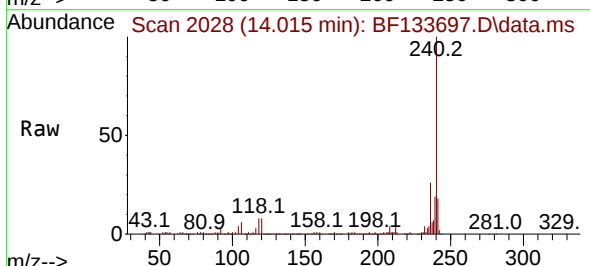
Tgt Ion:240 Resp: 131931

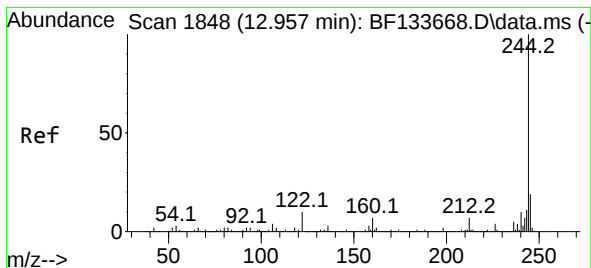
Ion Ratio Lower Upper

240 100

120 8.5 8.1 12.1

236 25.8 20.5 30.7





#79

Terphenyl-d14

Concen: 87.940 ng

RT: 12.957 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF133697.D

Acq: 10 Jun 2023 03:34

Instrument :

BNA_F

ClientSampleId :

TP-2

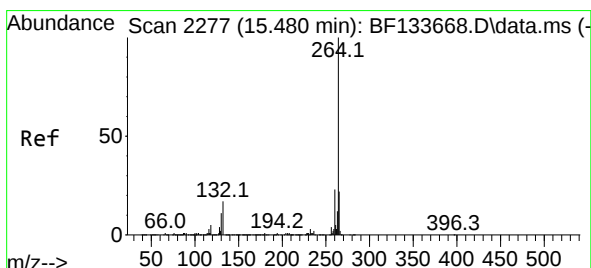
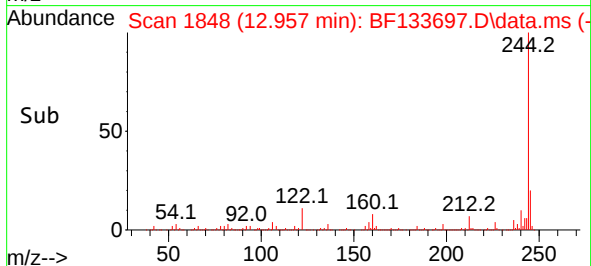
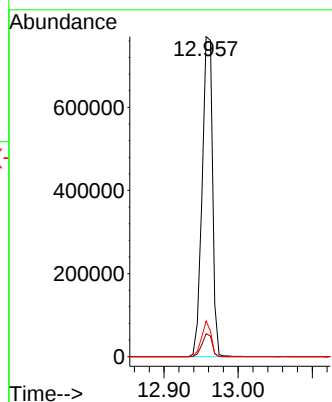
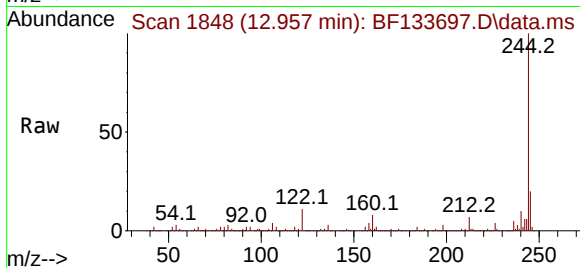
Tgt Ion:244 Resp: 749804

Ion Ratio Lower Upper

244 100

212 7.2 5.4 8.2

122 11.1 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: BF133697.D

Acq: 10 Jun 2023 03:34

Tgt Ion:264 Resp: 110255

Ion Ratio Lower Upper

264 100

260 21.9 18.2 27.2

265 20.9 17.8 26.6

