

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060923\
 Data File : BF133694.D
 Acq On : 10 Jun 2023 01:59
 Operator : CG\JU
 Sample : 03092-02
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-1

Quant Time: Jun 10 02:37:07 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	116365	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	409722	20.000	ng	0.00
39) Acenaphthene-d10	9.880	164	163487	20.000	ng	0.00
64) Phenanthrene-d10	11.369	188	282908	20.000	ng	0.00
76) Chrysene-d12	14.015	240	145204	20.000	ng	0.00
86) Perylene-d12	15.480	264	116322	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	477659	71.461	ng	0.02
7) Phenol-d6	6.469	99	521889	59.983	ng	0.00
23) Nitrobenzene-d5	7.398	82	393403	52.297	ng	-0.01
42) 2,4,6-Tribromophenol	10.669	330	127349	61.537	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	658317	57.241	ng	0.00
79) Terphenyl-d14	12.957	244	580671	61.878	ng	0.00

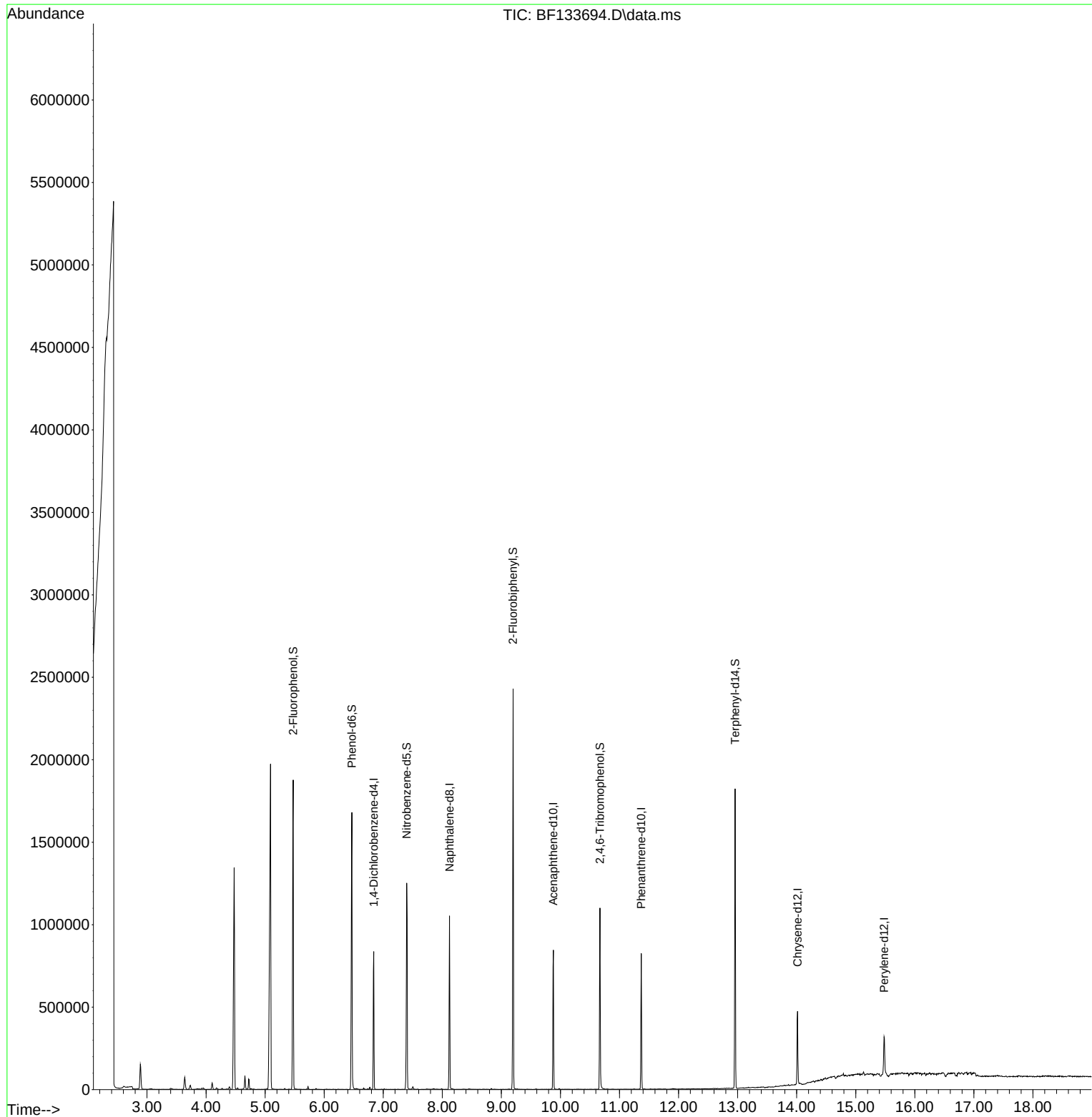
Target Compounds	Qvalue

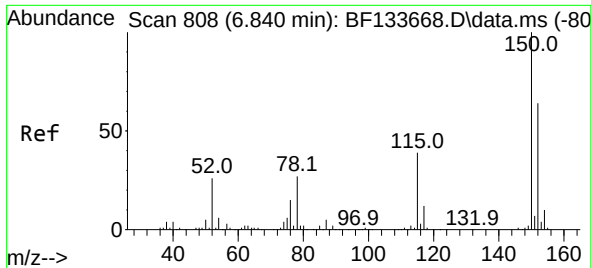
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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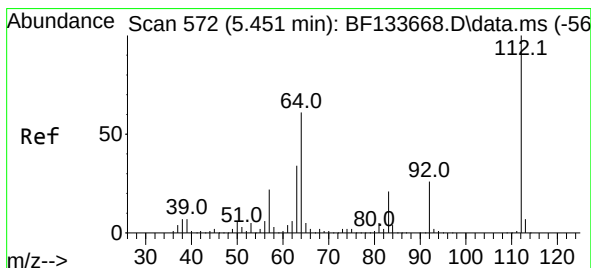
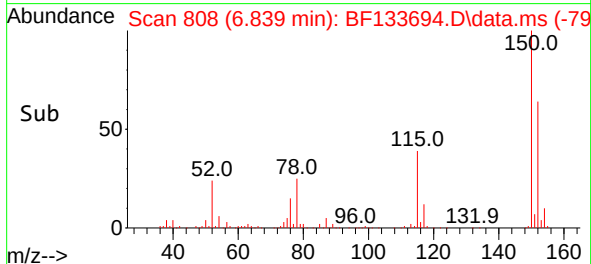
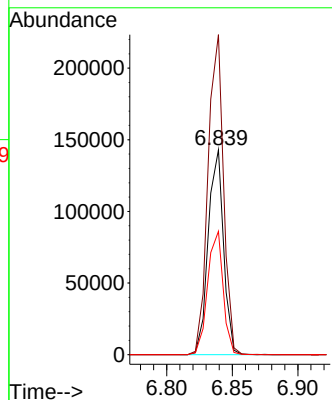
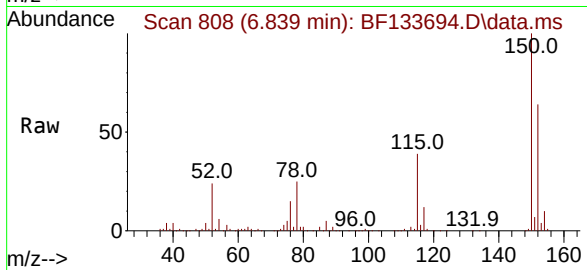




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.839 min Scan# 808
Delta R.T. -0.001 min
Lab File: BF133694.D
Acq: 10 Jun 2023 01:59

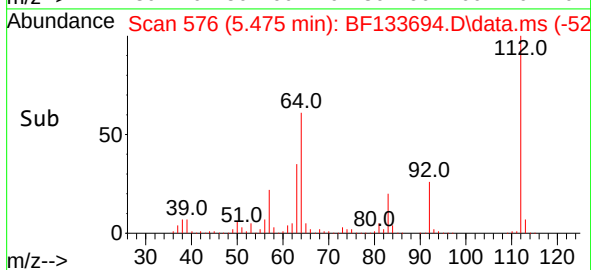
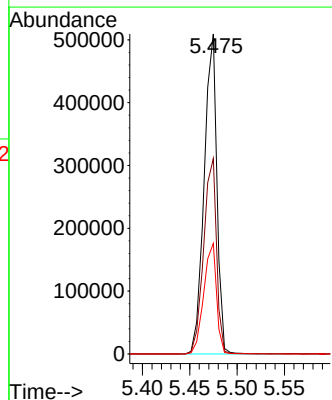
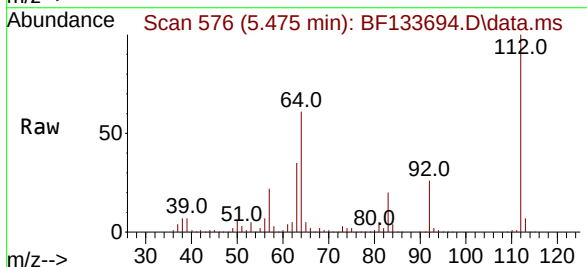
Instrument :
BNA_F
ClientSampleId :
TP-1

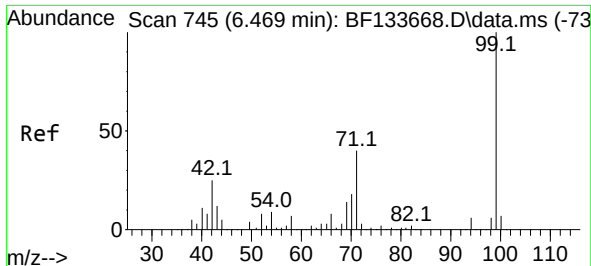
Tgt Ion:152 Resp: 116365
Ion Ratio Lower Upper
152 100
150 156.3 124.3 186.5
115 60.3 48.5 72.7



#5
2-Fluorophenol
Concen: 71.461 ng
RT: 5.475 min Scan# 576
Delta R.T. 0.024 min
Lab File: BF133694.D
Acq: 10 Jun 2023 01:59

Tgt Ion:112 Resp: 477659
Ion Ratio Lower Upper
112 100
64 61.1 49.0 73.4
63 34.6 26.8 40.2

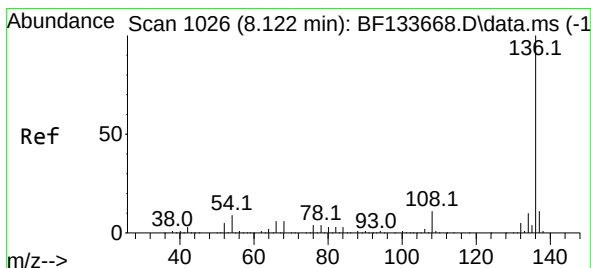
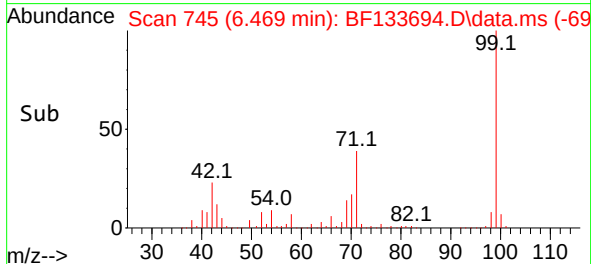
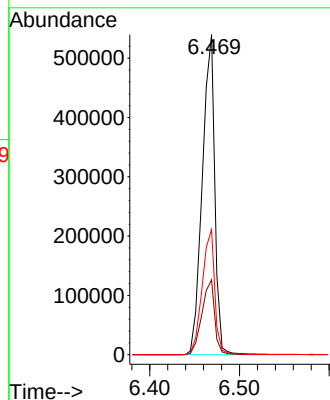
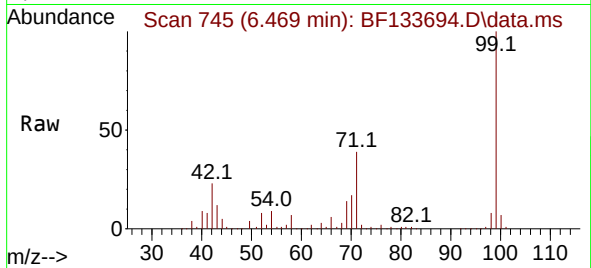




#7
Phenol-d6
Concen: 59.983 ng
RT: 6.469 min Scan# 745
Delta R.T. -0.000 min
Lab File: BF133694.D
Acq: 10 Jun 2023 01:59

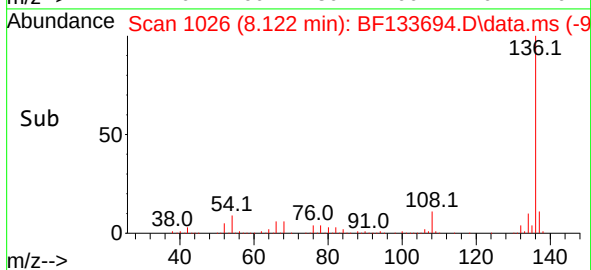
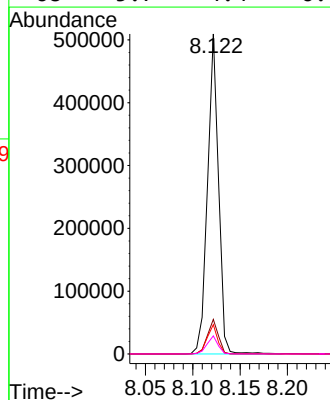
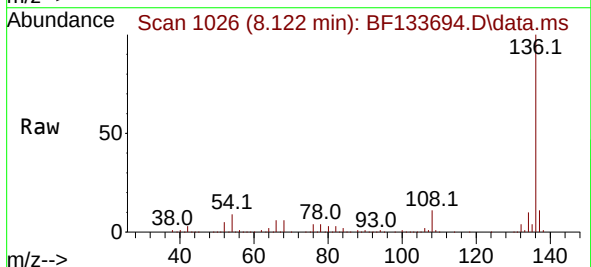
Instrument :
BNA_F
ClientSampleId :
TP-1

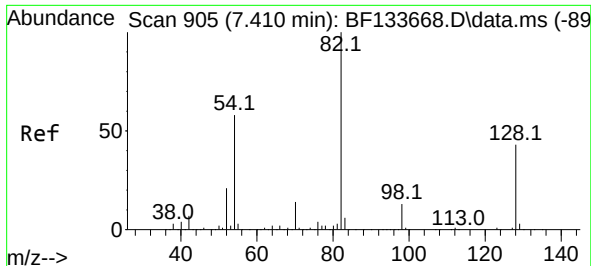
Tgt Ion: 99 Resp: 521889
Ion Ratio Lower Upper
99 100
42 23.4 19.9 29.9
71 39.1 32.2 48.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 1026
Delta R.T. -0.000 min
Lab File: BF133694.D
Acq: 10 Jun 2023 01:59

Tgt Ion: 136 Resp: 409722
Ion Ratio Lower Upper
136 100
137 10.8 8.8 13.2
54 9.1 7.4 11.0
68 5.7 4.4 6.6





#23

Nitrobenzene-d5

Concen: 52.297 ng

RT: 7.398 min Scan# 905

Delta R.T. -0.012 min

Lab File: BF133694.D

Acq: 10 Jun 2023 01:59

Instrument :

BNA_F

ClientSampleId :

TP-1

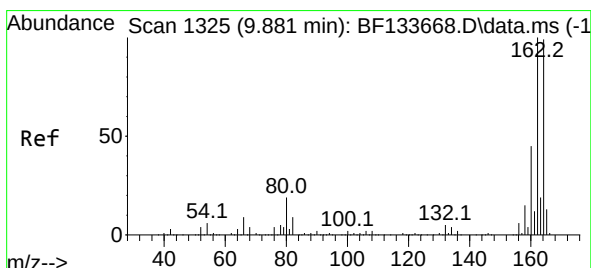
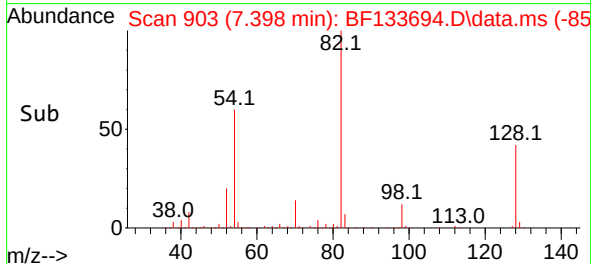
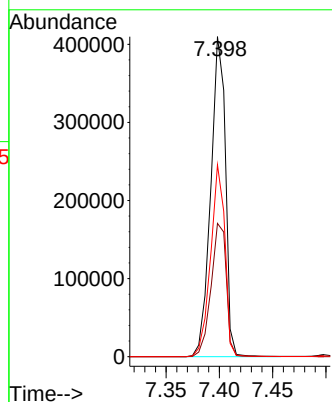
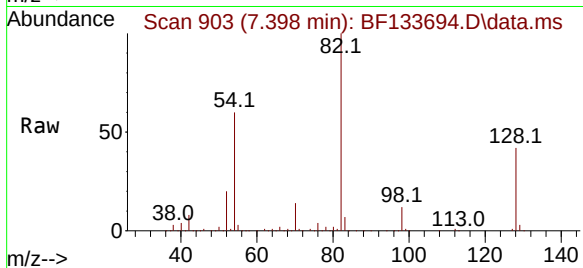
Tgt Ion: 82 Resp: 393403

Ion Ratio Lower Upper

82 100

128 41.6 34.2 51.2

54 60.0 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: BF133694.D

Acq: 10 Jun 2023 01:59

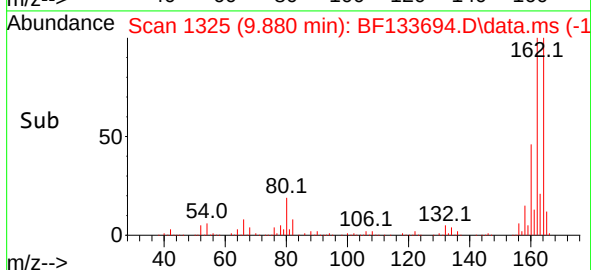
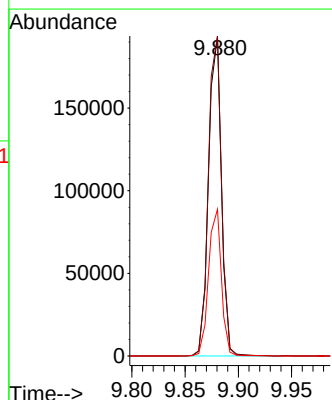
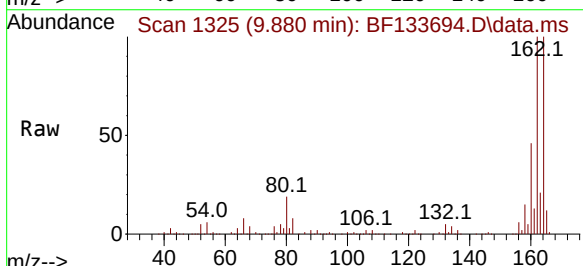
Tgt Ion:164 Resp: 163487

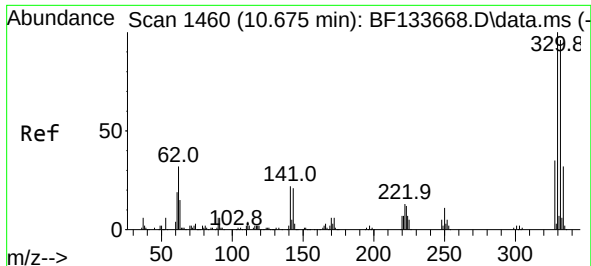
Ion Ratio Lower Upper

164 100

162 100.2 80.8 121.2

160 45.9 36.7 55.1





#42

2,4,6-Tribromophenol

Concen: 61.537 ng

RT: 10.669 min Scan# 1459

Delta R.T. -0.006 min

Lab File: BF133694.D

Acq: 10 Jun 2023 01:59

Instrument :

BNA_F

ClientSampleId :

TP-1

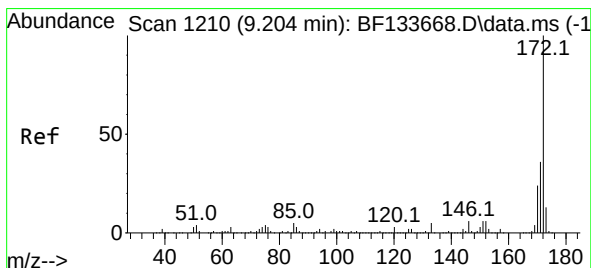
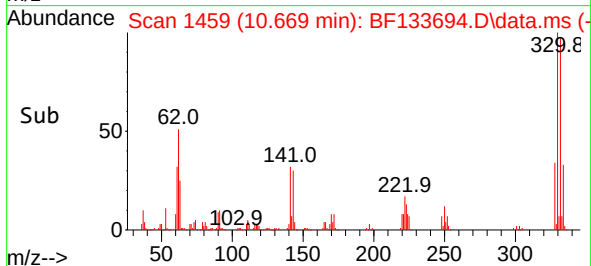
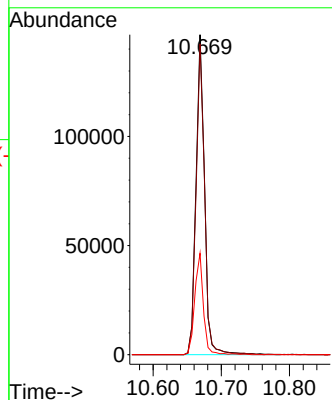
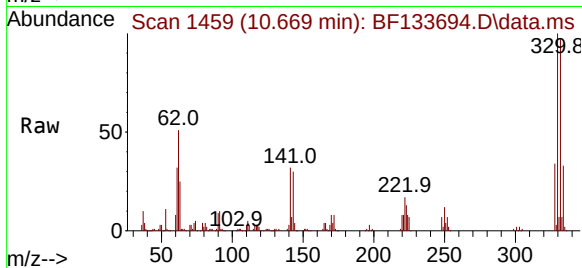
Tgt Ion:330 Resp: 127349

Ion Ratio Lower Upper

330 100

332 97.2 77.2 115.8

141 32.0 24.9 37.3



#45

2-Fluorobiphenyl

Concen: 57.241 ng

RT: 9.198 min Scan# 1209

Delta R.T. -0.006 min

Lab File: BF133694.D

Acq: 10 Jun 2023 01:59

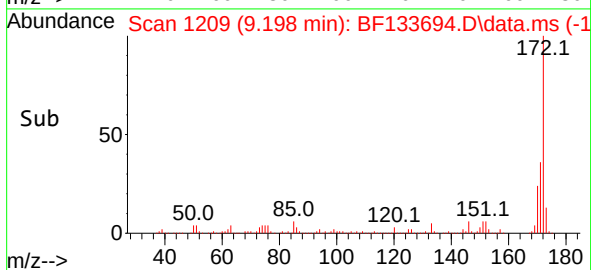
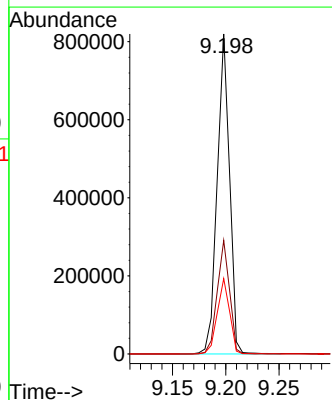
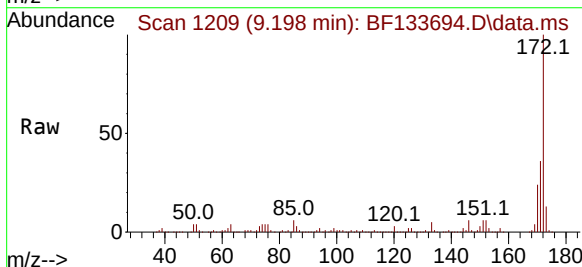
Tgt Ion:172 Resp: 658317

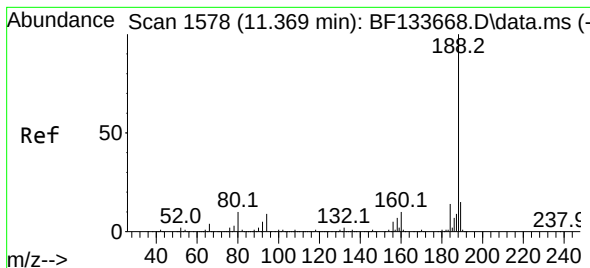
Ion Ratio Lower Upper

172 100

171 35.5 28.6 43.0

170 23.6 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: BF133694.D

Acq: 10 Jun 2023 01:59

Instrument :

BNA_F

ClientSampleId :

TP-1

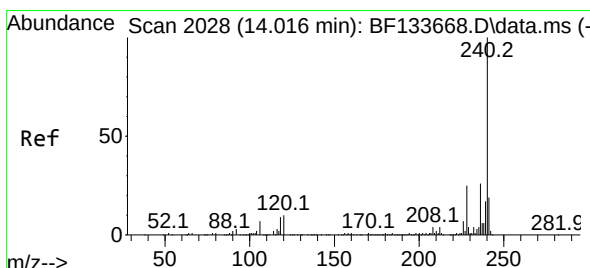
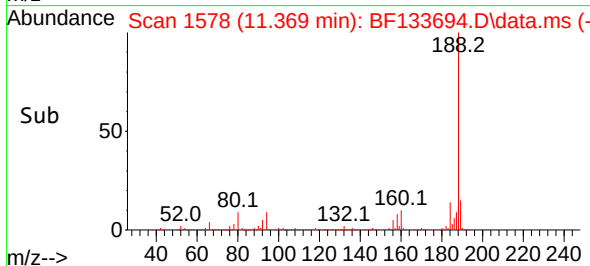
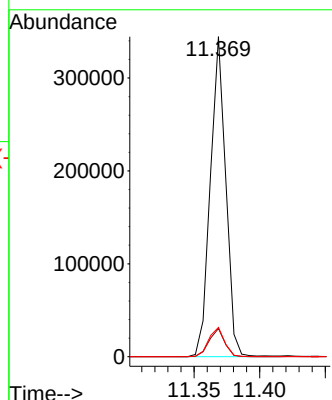
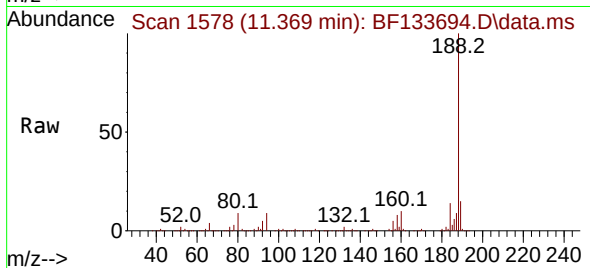
Tgt Ion:188 Resp: 282908

Ion Ratio Lower Upper

188 100

94 8.8 6.8 10.2

80 9.1 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: BF133694.D

Acq: 10 Jun 2023 01:59

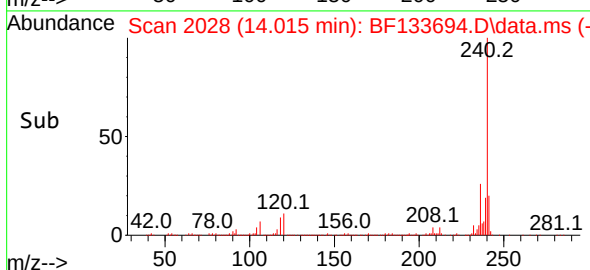
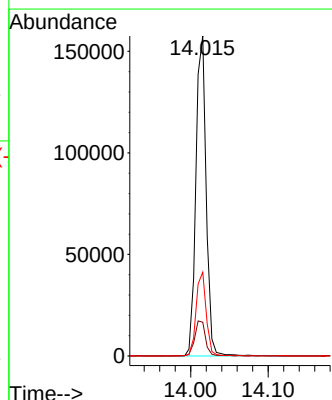
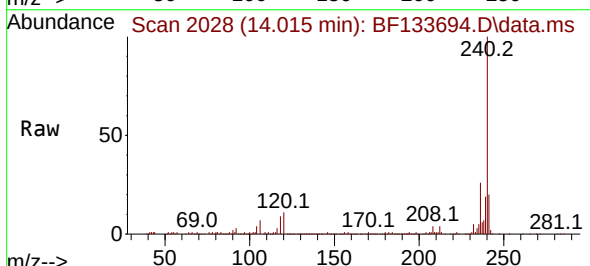
Tgt Ion:240 Resp: 145204

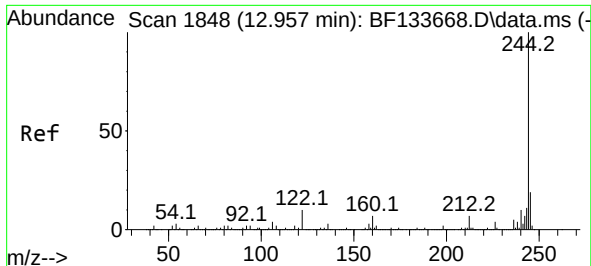
Ion Ratio Lower Upper

240 100

120 10.6 8.1 12.1

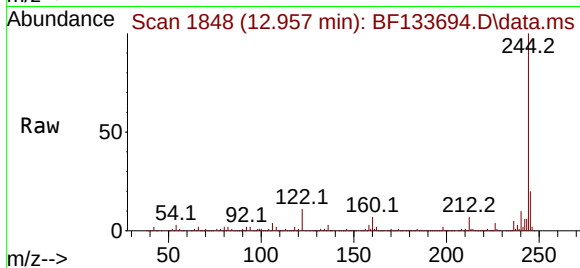
236 26.2 20.5 30.7



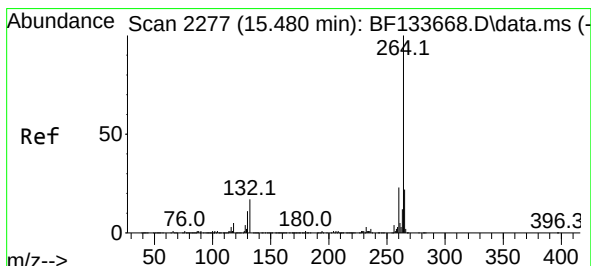
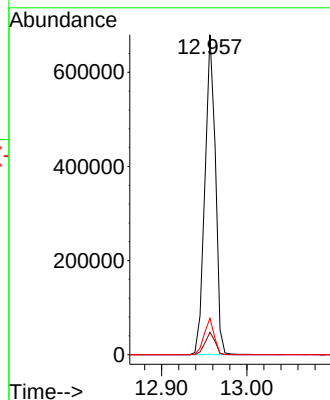
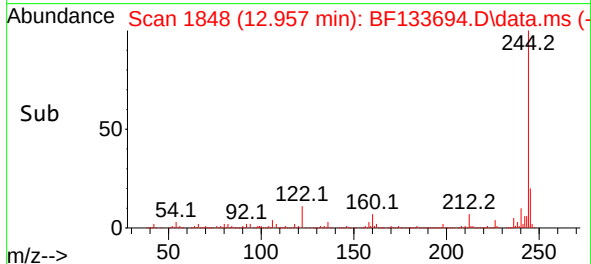


#79
 Terphenyl-d14
 Concen: 61.878 ng
 RT: 12.957 min Scan# 1848
 Delta R.T. -0.000 min
 Lab File: BF133694.D
 Acq: 10 Jun 2023 01:59

Instrument :
 BNA_F
 ClientSampleId :
 TP-1



Tgt Ion:244 Resp: 580671
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.4 8.2
 122 11.4 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: BF133694.D
 Acq: 10 Jun 2023 01:59

Tgt Ion:264 Resp: 116322
 Ion Ratio Lower Upper
 264 100
 260 23.6 18.2 27.2
 265 21.7 17.8 26.6

