

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060923\
 Data File : BF133686.D
 Acq On : 09 Jun 2023 20:37
 Operator : CG\JU
 Sample : 03029-07
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-8

Quant Time: Jun 09 22:26:14 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	88090	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	310574	20.000	ng	0.00
39) Acenaphthene-d10	9.880	164	132448	20.000	ng	0.00
64) Phenanthrene-d10	11.369	188	227229	20.000	ng	0.00
76) Chrysene-d12	14.015	240	119940	20.000	ng	0.00
86) Perylene-d12	15.486	264	99743	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.451	112	427721	84.529	ng	0.00
7) Phenol-d6	6.469	99	518238	78.682	ng	0.00
23) Nitrobenzene-d5	7.404	82	333581	58.502	ng	0.00
42) 2,4,6-Tribromophenol	10.669	330	119233	71.118	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	540821	58.044	ng	0.00
79) Terphenyl-d14	12.957	244	447021	57.670	ng	0.00

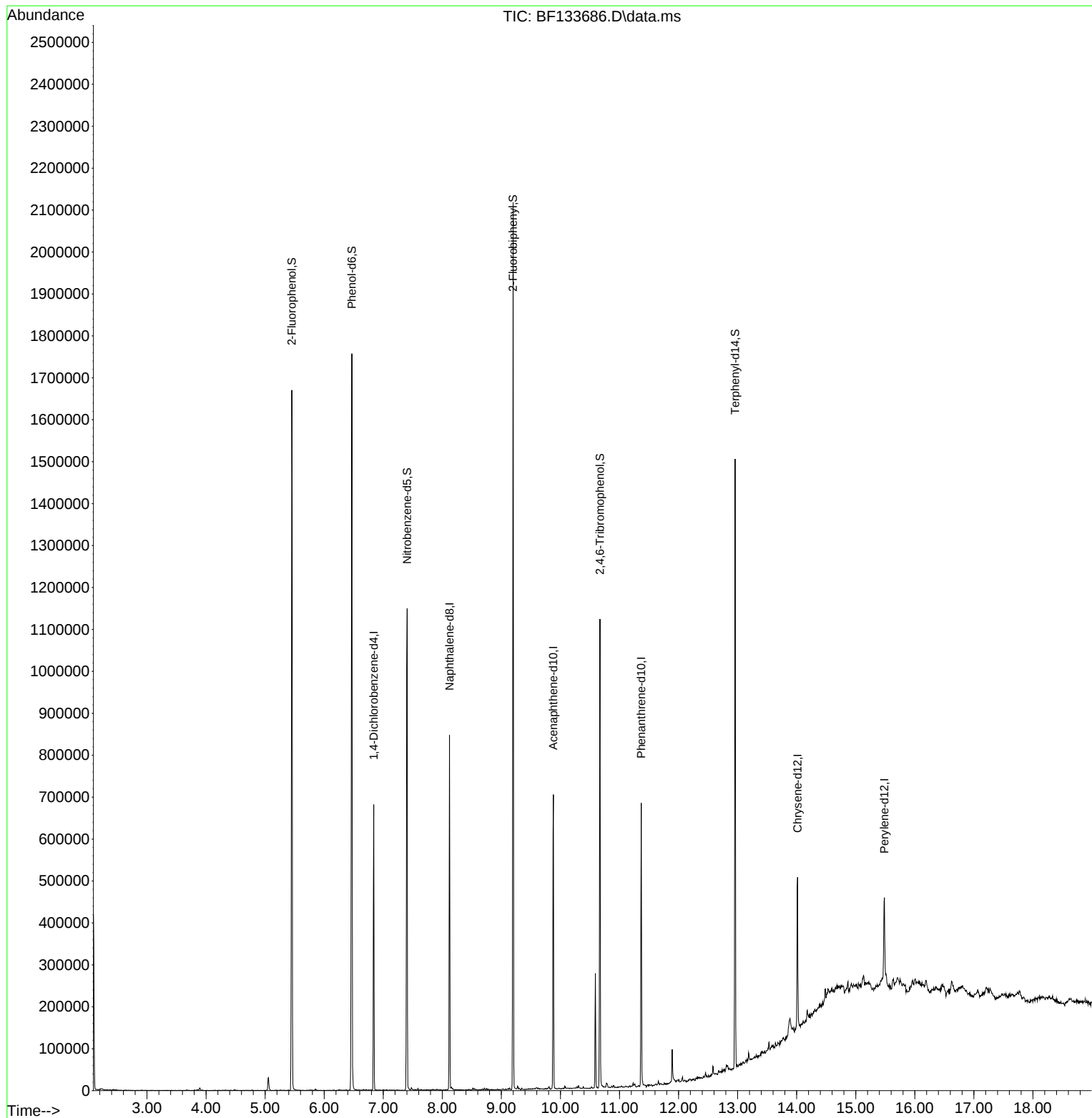
Target Compounds	Qvalue

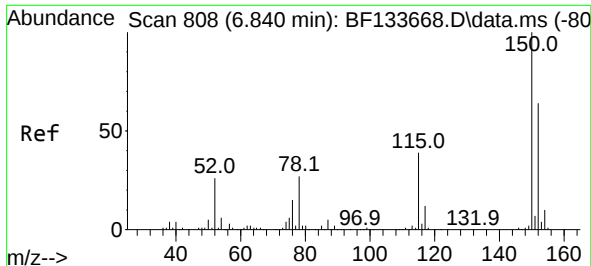
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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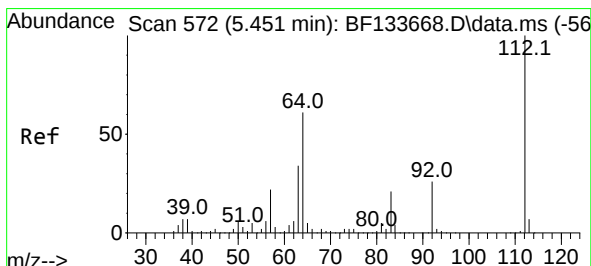
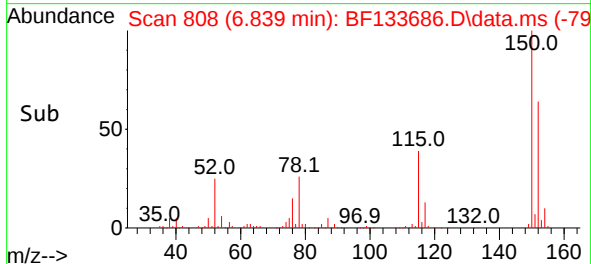
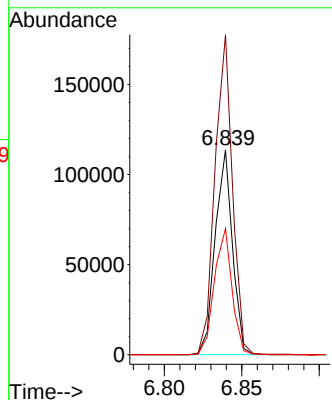
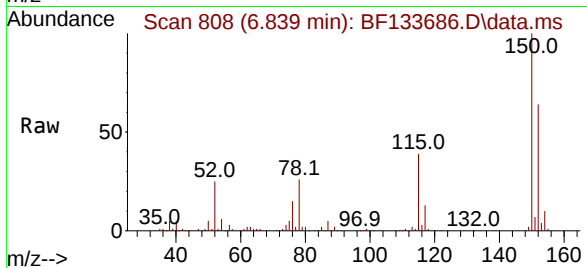




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.839 min Scan# 808
Delta R.T. -0.001 min
Lab File: BF133686.D
Acq: 09 Jun 2023 20:37

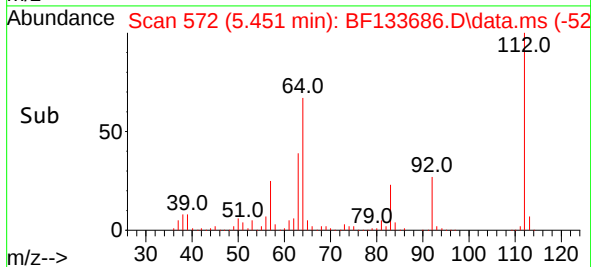
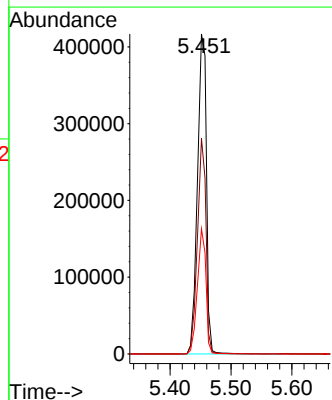
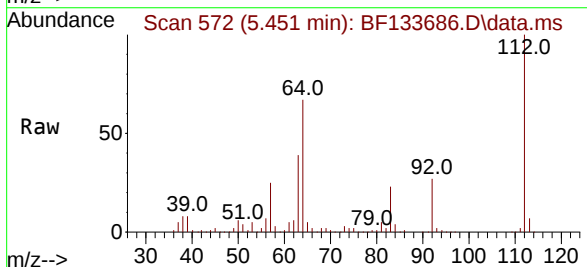
Instrument :
BNA_F
ClientSampleId :
TP-8

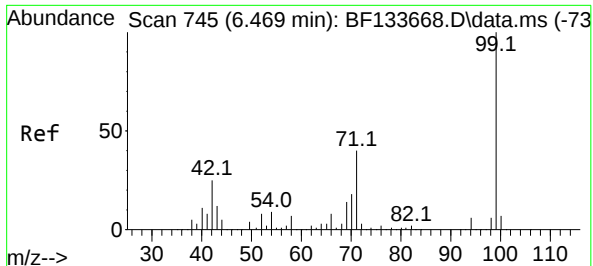
Tgt Ion:152 Resp: 88090
Ion Ratio Lower Upper
152 100
150 156.2 124.3 186.5
115 61.5 48.5 72.7



#5
2-Fluorophenol
Concen: 84.529 ng
RT: 5.451 min Scan# 572
Delta R.T. 0.000 min
Lab File: BF133686.D
Acq: 09 Jun 2023 20:37

Tgt Ion:112 Resp: 427721
Ion Ratio Lower Upper
112 100
64 67.3 49.0 73.4
63 39.1 26.8 40.2

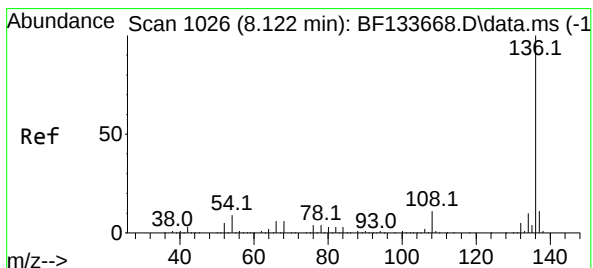
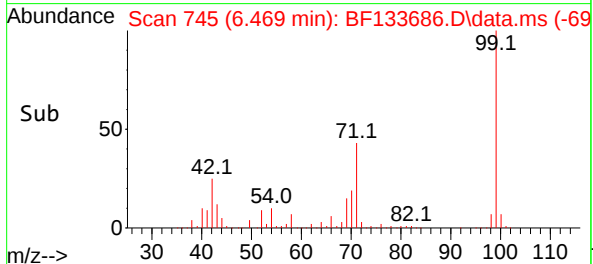
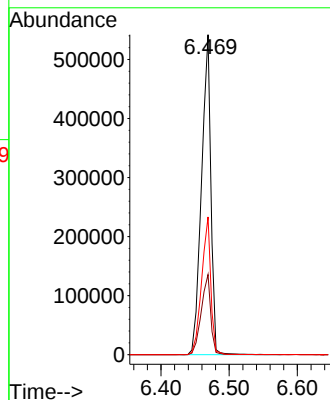
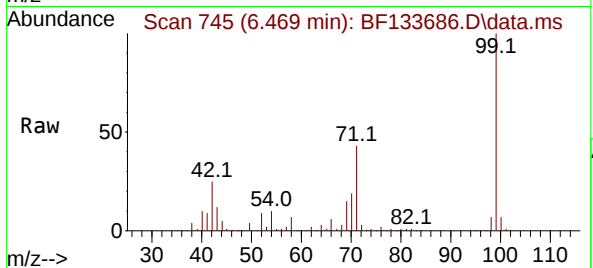




#7
Phenol-d6
Concen: 78.682 ng
RT: 6.469 min Scan# 745
Delta R.T. -0.000 min
Lab File: BF133686.D
Acq: 09 Jun 2023 20:37

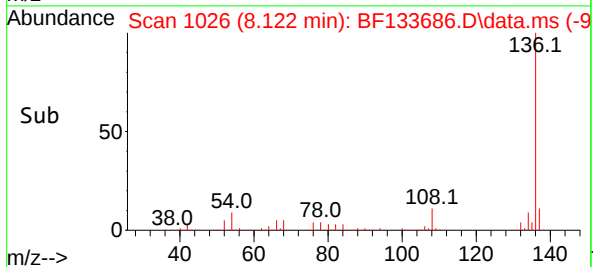
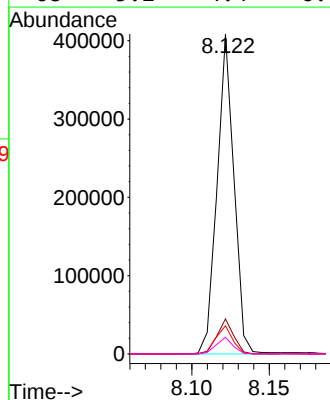
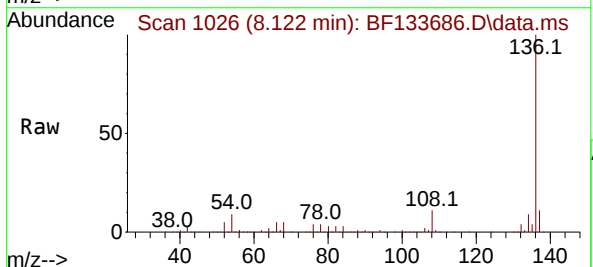
Instrument :
BNA_F
ClientSampleId :
TP-8

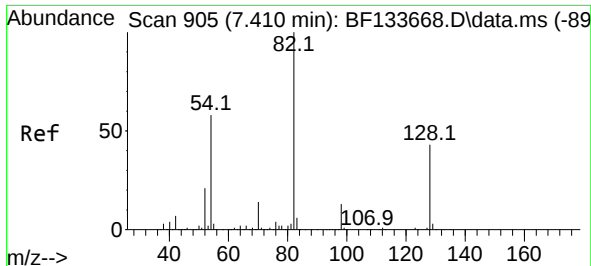
Tgt Ion: 99 Resp: 518238
Ion Ratio Lower Upper
99 100
42 25.1 19.9 29.9
71 43.1 32.2 48.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 1026
Delta R.T. -0.000 min
Lab File: BF133686.D
Acq: 09 Jun 2023 20:37

Tgt Ion: 136 Resp: 310574
Ion Ratio Lower Upper
136 100
137 10.9 8.8 13.2
54 8.8 7.4 11.0
68 5.2 4.4 6.6





#23

Nitrobenzene-d5

Concen: 58.502 ng

RT: 7.404 min Scan# 905

Delta R.T. -0.006 min

Lab File: BF133686.D

Acq: 09 Jun 2023 20:37

Instrument :

BNA_F

ClientSampleId :

TP-8

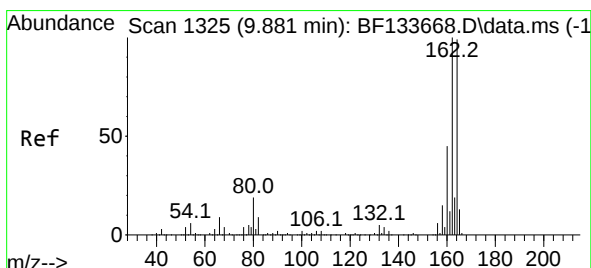
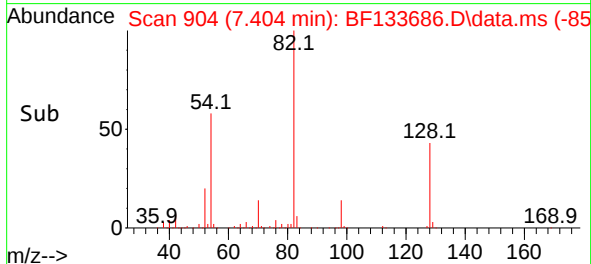
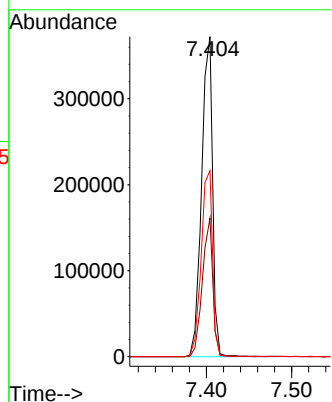
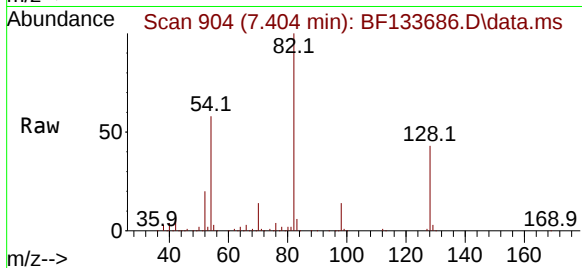
Tgt Ion: 82 Resp: 333581

Ion Ratio Lower Upper

82 100

128 43.3 34.2 51.2

54 58.2 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: BF133686.D

Acq: 09 Jun 2023 20:37

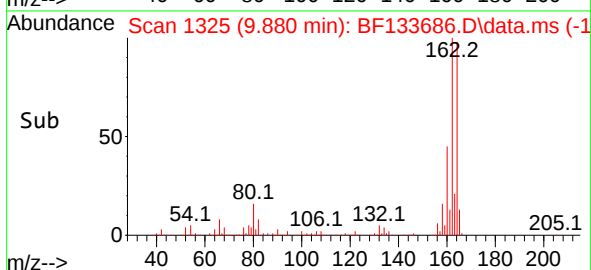
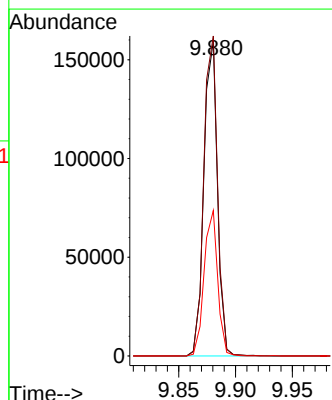
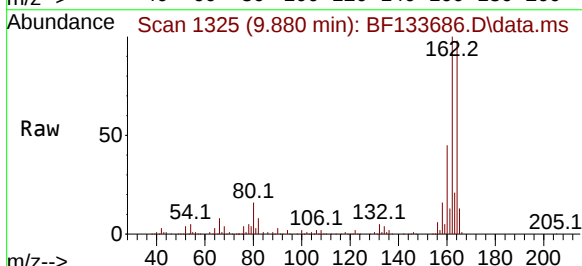
Tgt Ion: 164 Resp: 132448

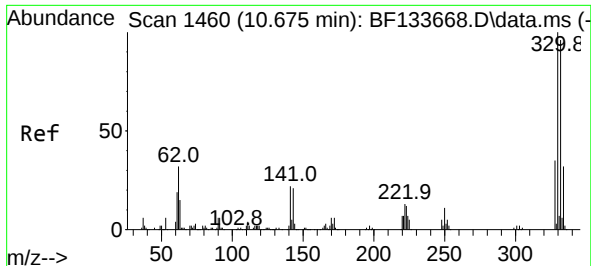
Ion Ratio Lower Upper

164 100

162 101.7 80.8 121.2

160 46.2 36.7 55.1





#42

2,4,6-Tribromophenol

Concen: 71.118 ng

RT: 10.669 min Scan# 1460

Delta R.T. -0.006 min

Lab File: BF133686.D

Acq: 09 Jun 2023 20:37

Instrument :

BNA_F

ClientSampleId :

TP-8

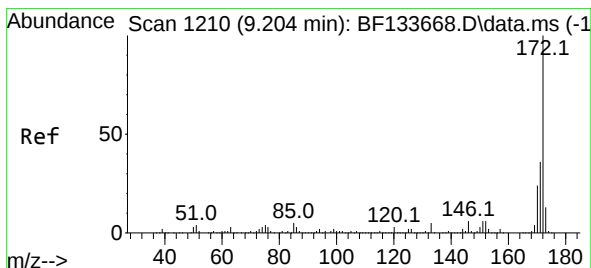
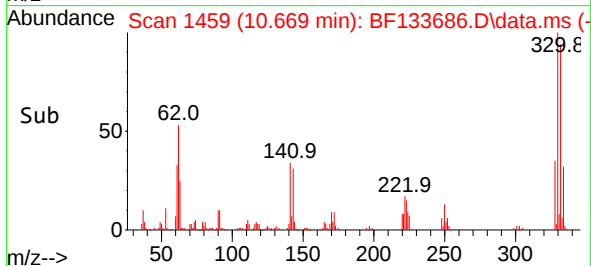
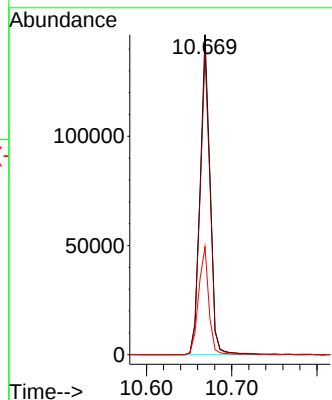
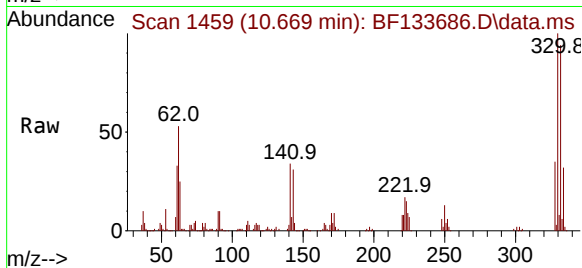
Tgt Ion:330 Resp: 119233

Ion Ratio Lower Upper

330 100

332 95.2 77.2 115.8

141 34.5 24.9 37.3



#45

2-Fluorobiphenyl

Concen: 58.044 ng

RT: 9.198 min Scan# 1209

Delta R.T. -0.006 min

Lab File: BF133686.D

Acq: 09 Jun 2023 20:37

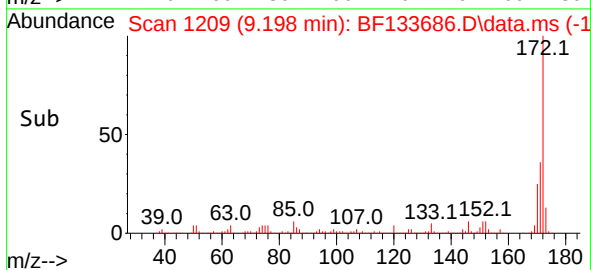
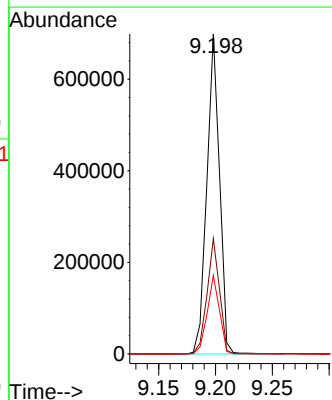
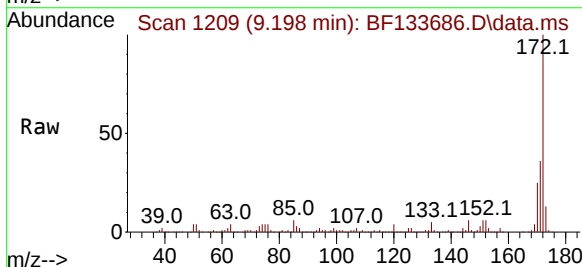
Tgt Ion:172 Resp: 540821

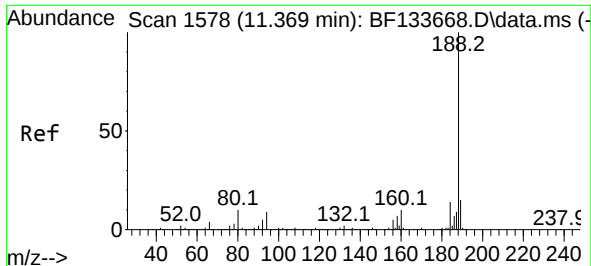
Ion Ratio Lower Upper

172 100

171 36.0 28.6 43.0

170 24.6 19.1 28.7

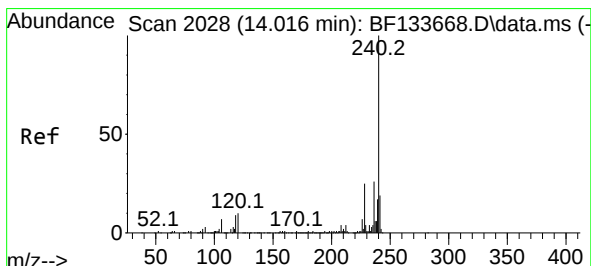
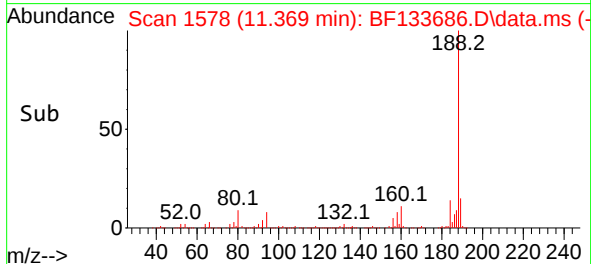
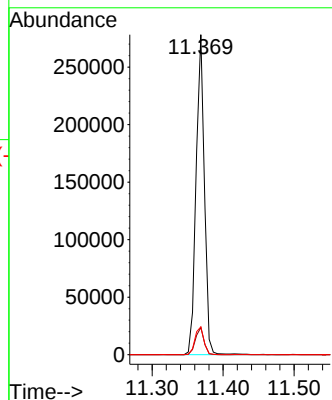
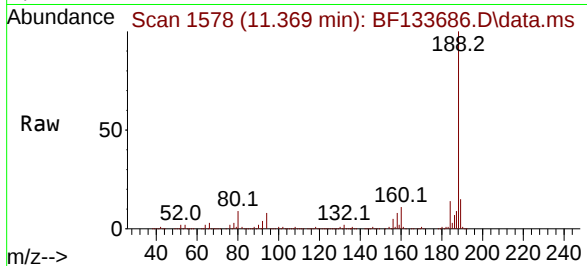




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.369 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF133686.D
Acq: 09 Jun 2023 20:37

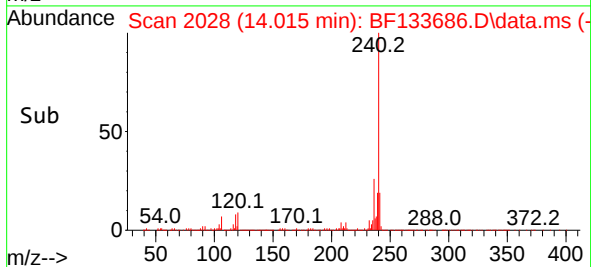
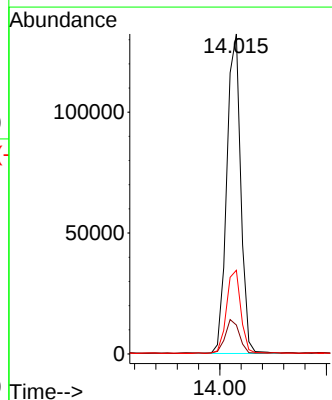
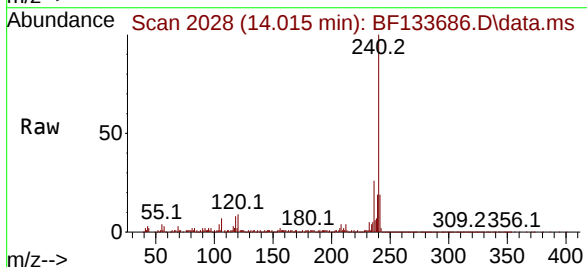
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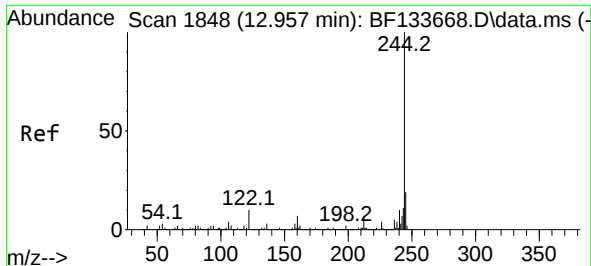
Tgt Ion:188 Resp: 227229
Ion Ratio Lower Upper
188 100
94 8.5 6.8 10.2
80 8.7 7.8 11.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.015 min Scan# 2028
Delta R.T. -0.000 min
Lab File: BF133686.D
Acq: 09 Jun 2023 20:37

Tgt Ion:240 Resp: 119940
Ion Ratio Lower Upper
240 100
120 9.1 8.1 12.1
236 26.2 20.5 30.7

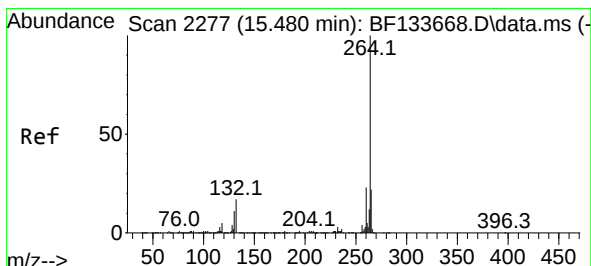
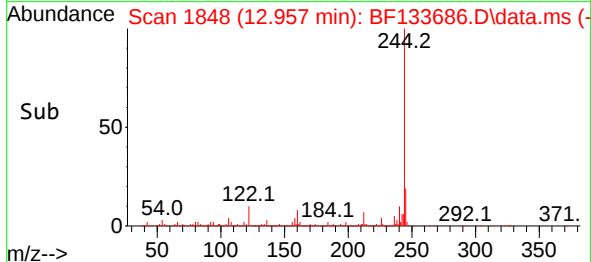
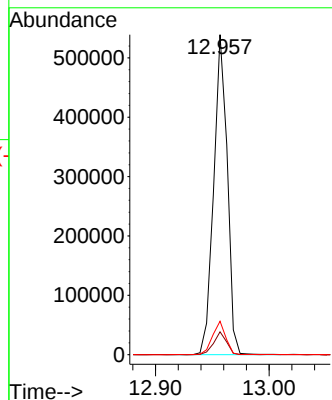
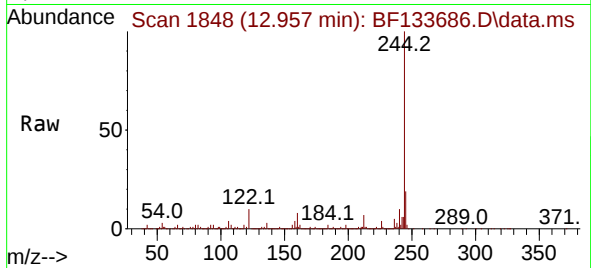




#79
 Terphenyl-d14
 Concen: 57.670 ng
 RT: 12.957 min Scan# 1848
 Delta R.T. -0.000 min
 Lab File: BF133686.D
 Acq: 09 Jun 2023 20:37

Instrument :
 BNA_F
 ClientSampleId :
 TP-8

Tgt Ion:244 Resp: 447021
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.4 8.2
 122 10.4 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: BF133686.D
 Acq: 09 Jun 2023 20:37

Tgt Ion:264 Resp: 99743
 Ion Ratio Lower Upper
 264 100
 260 23.2 18.2 27.2
 265 19.9 17.8 26.6

