

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061223\
 Data File : BF133703.D
 Acq On : 12 Jun 2023 14:34
 Operator : CG\JU
 Sample : PB153303TB
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB153303TB

Quant Time: Jun 12 15:04:43 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	6.834	152	97255	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	377067	20.000	ng	0.00
39) Acenaphthene-d10	9.875	164	195420	20.000	ng	0.00
64) Phenanthrene-d10	11.363	188	399042	20.000	ng	0.00
76) Chrysene-d12	14.010	240	293003	20.000	ng	0.00
86) Perylene-d12	15.474	264	242179	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.463	112	834136	149.313	ng	0.01
7) Phenol-d6	6.469	99	1004893	138.192	ng	0.00
23) Nitrobenzene-d5	7.404	82	704810	101.809	ng	0.00
42) 2,4,6-Tribromophenol	10.669	330	335442	135.605	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	1311391	95.393	ng	0.00
79) Terphenyl-d14	12.963	244	1677250	88.575	ng	0.00

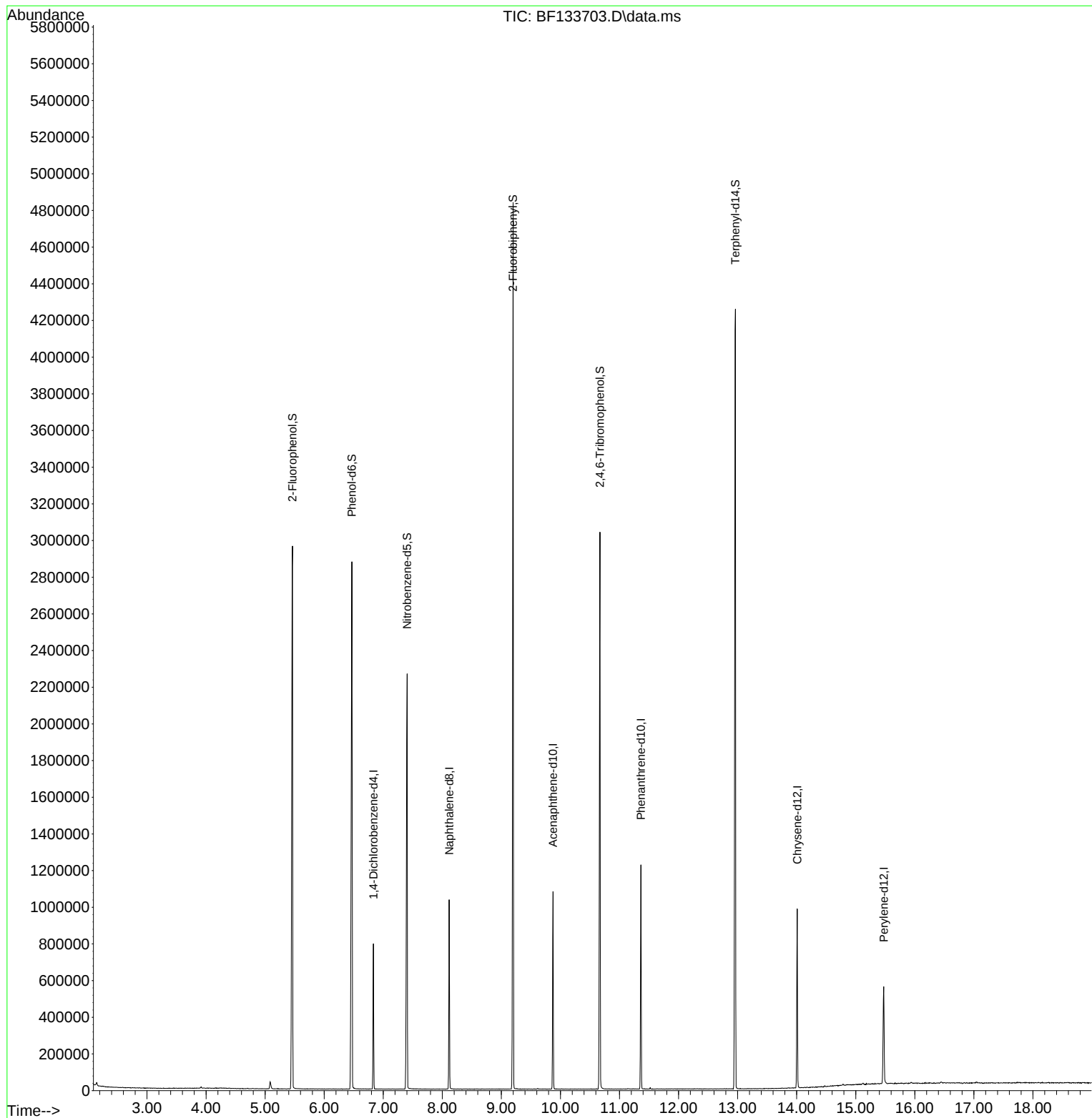
Target Compounds	Qvalue

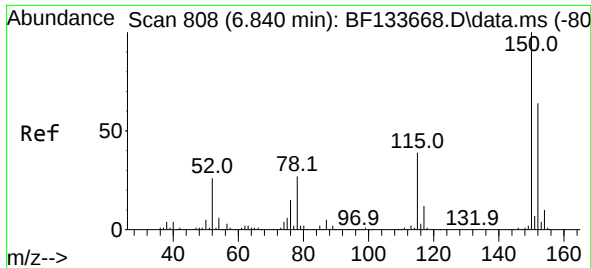
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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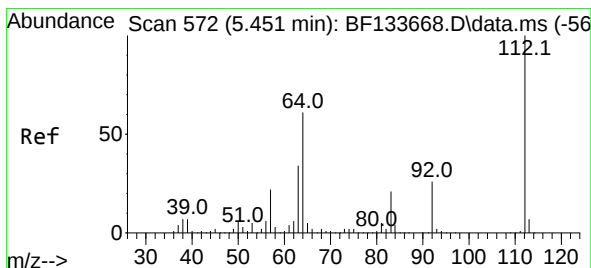
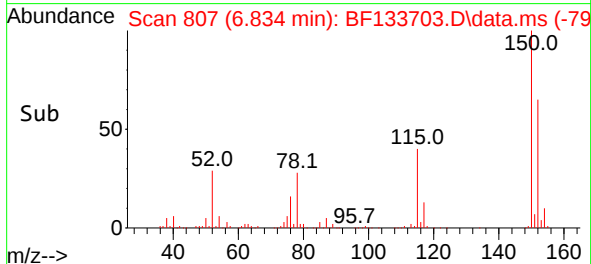
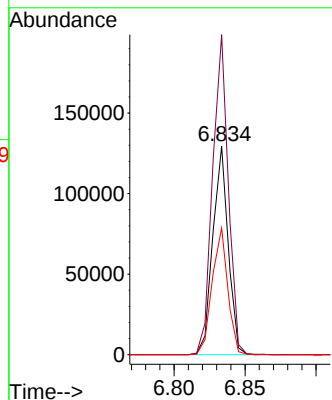
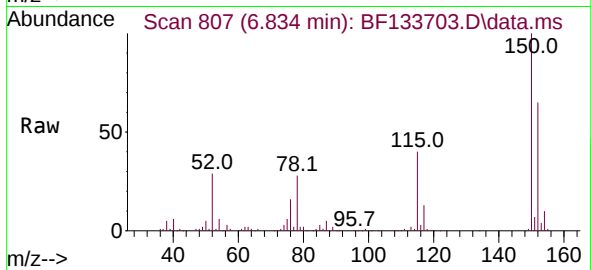




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.834 min Scan# 80
Delta R.T. -0.006 min
Lab File: BF133703.D
Acq: 12 Jun 2023 14:34

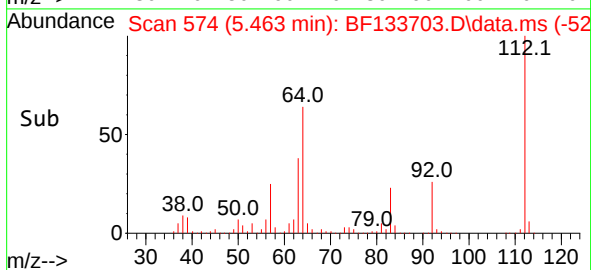
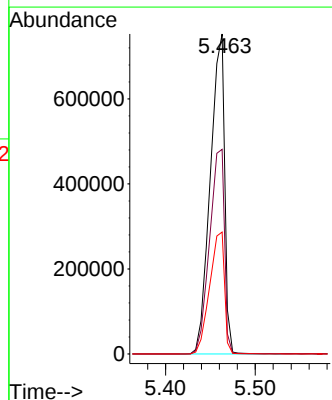
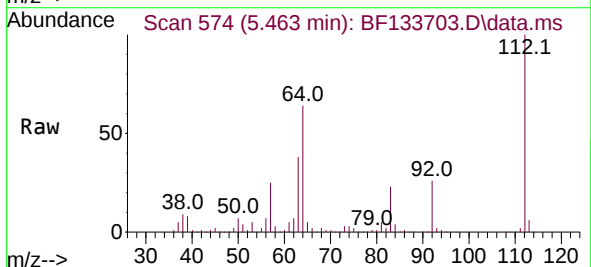
Instrument :
BNA_F
ClientSampleId :
PB153303TB

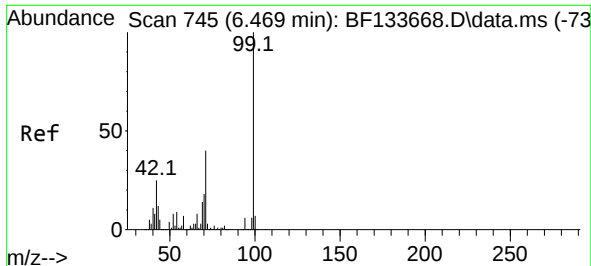
Tgt Ion:152 Resp: 97255
Ion Ratio Lower Upper
152 100
150 153.5 124.3 186.5
115 60.8 48.5 72.7



#5
2-Fluorophenol
Concen: 149.313 ng
RT: 5.463 min Scan# 574
Delta R.T. 0.012 min
Lab File: BF133703.D
Acq: 12 Jun 2023 14:34

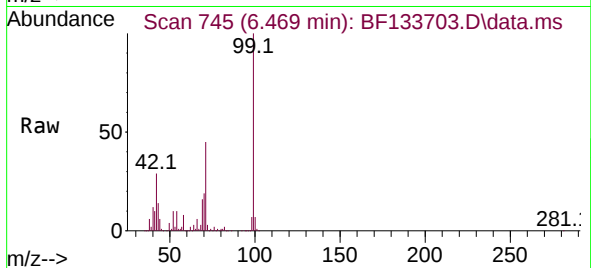
Tgt Ion:112 Resp: 834136
Ion Ratio Lower Upper
112 100
64 64.0 49.0 73.4
63 38.1 26.8 40.2





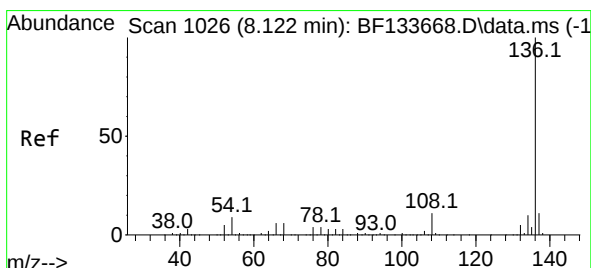
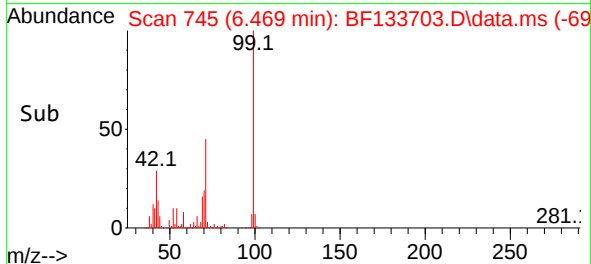
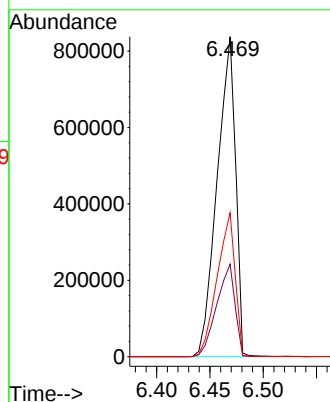
#7
Phenol-d6
Concen: 138.192 ng
RT: 6.469 min Scan# 745
Delta R.T. -0.000 min
Lab File: BF133703.D
Acq: 12 Jun 2023 14:34

Instrument :
BNA_F
ClientSampleId :
PB153303TB



Tgt Ion: 99 Resp: 1004893

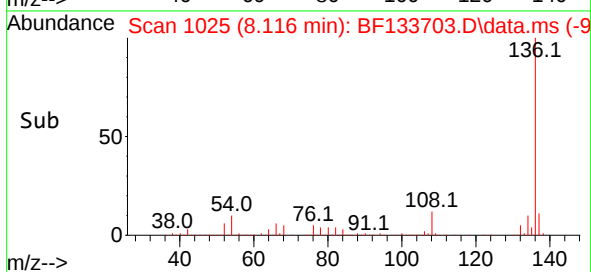
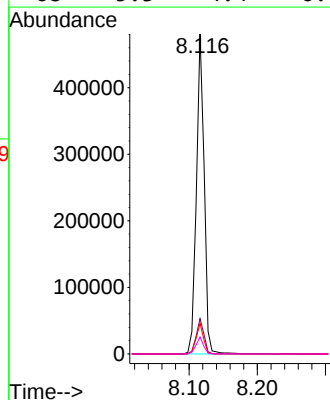
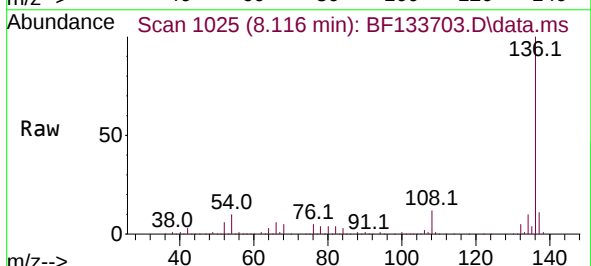
Ion	Ratio	Lower	Upper
99	100		
42	29.0	19.9	29.9
71	45.0	32.2	48.4

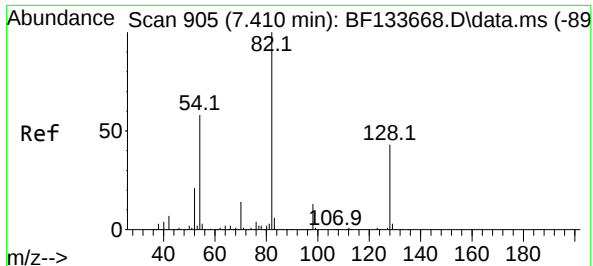


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.116 min Scan# 1025
Delta R.T. -0.006 min
Lab File: BF133703.D
Acq: 12 Jun 2023 14:34

Tgt Ion: 136 Resp: 377067

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	9.6	7.4	11.0
68	5.3	4.4	6.6





#23

Nitrobenzene-d5

Concen: 101.809 ng

RT: 7.404 min Scan# 905

Delta R.T. -0.006 min

Lab File: BF133703.D

Acq: 12 Jun 2023 14:34

Instrument :

BNA_F

ClientSampleId :

PB153303TB

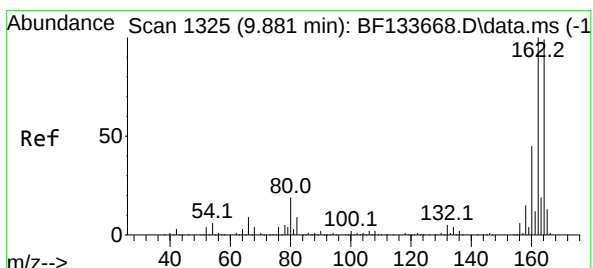
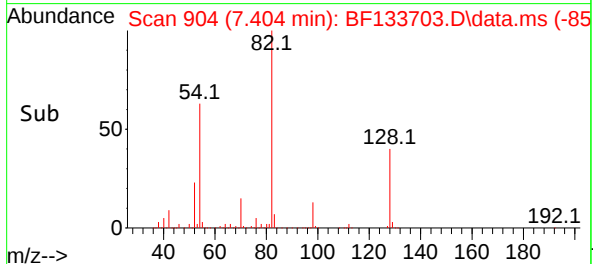
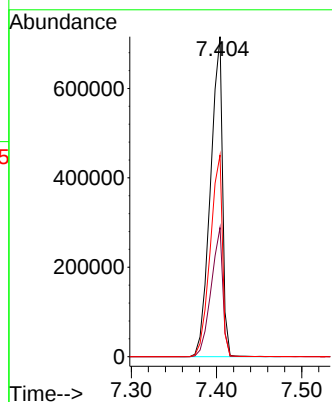
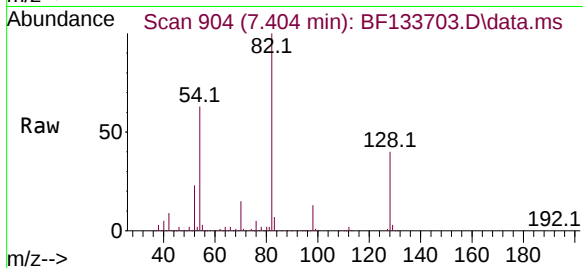
Tgt Ion: 82 Resp: 704810

Ion Ratio Lower Upper

82 100

128 40.4 34.2 51.2

54 63.0 46.5 69.7



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.875 min Scan# 1324

Delta R.T. -0.006 min

Lab File: BF133703.D

Acq: 12 Jun 2023 14:34

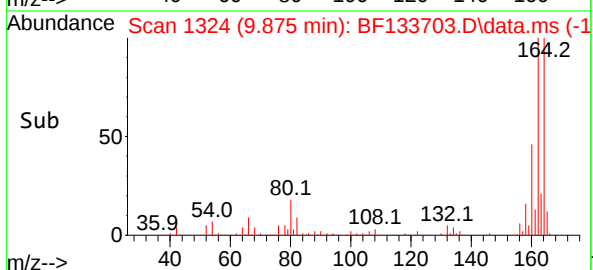
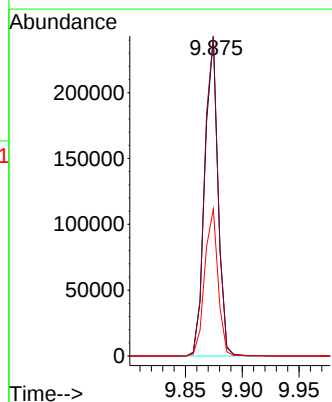
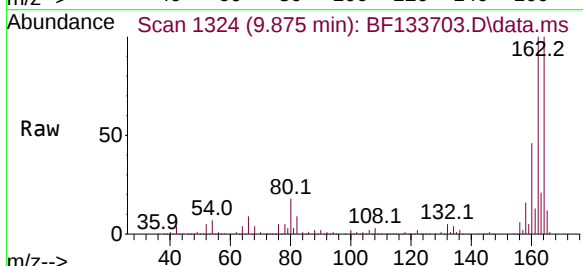
Tgt Ion: 164 Resp: 195420

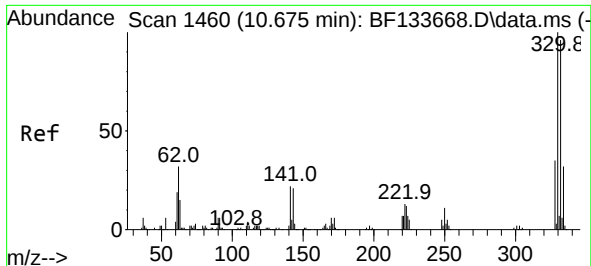
Ion Ratio Lower Upper

164 100

162 100.5 80.8 121.2

160 46.2 36.7 55.1





#42

2,4,6-Tribromophenol

Concen: 135.605 ng

RT: 10.669 min Scan# 1460

Delta R.T. -0.006 min

Lab File: BF133703.D

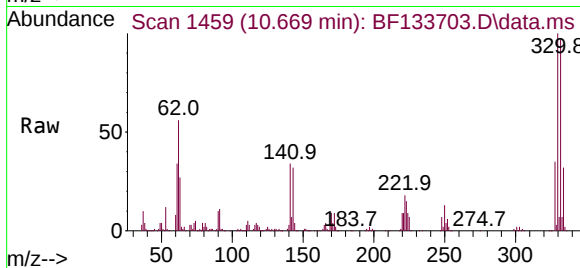
Acq: 12 Jun 2023 14:34

Instrument :

BNA_F

ClientSampleId :

PB153303TB



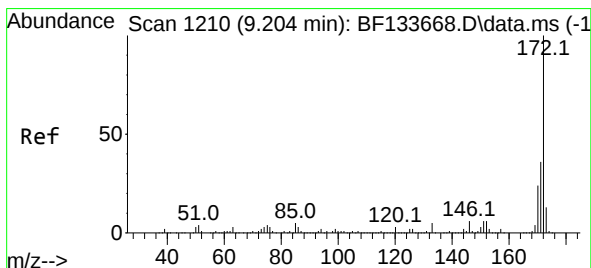
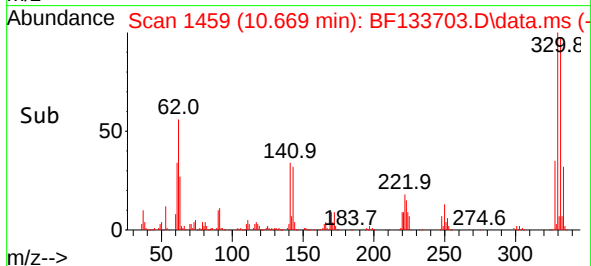
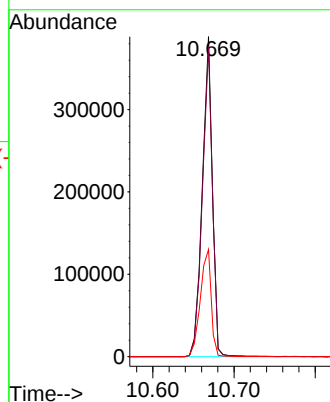
Tgt Ion:330 Resp: 335442

Ion Ratio Lower Upper

330 100

332 97.1 77.2 115.8

141 36.2 24.9 37.3



#45

2-Fluorobiphenyl

Concen: 95.393 ng

RT: 9.198 min Scan# 1209

Delta R.T. -0.006 min

Lab File: BF133703.D

Acq: 12 Jun 2023 14:34

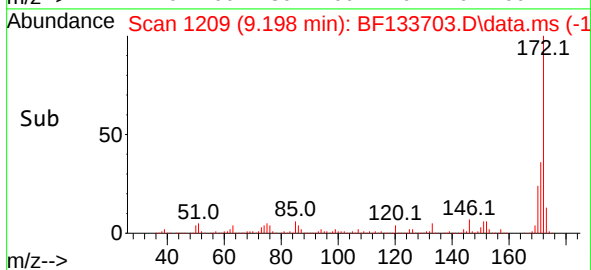
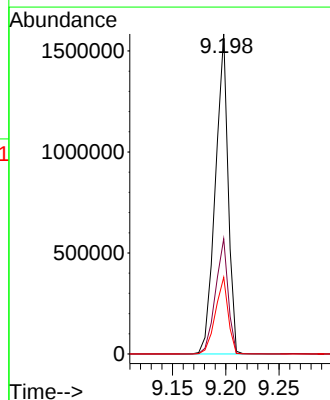
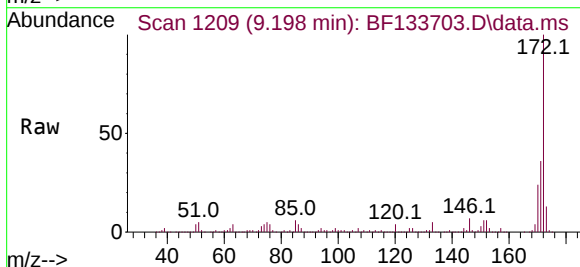
Tgt Ion:172 Resp: 1311391

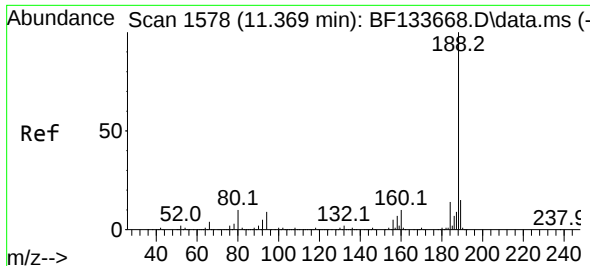
Ion Ratio Lower Upper

172 100

171 36.0 28.6 43.0

170 24.0 19.1 28.7

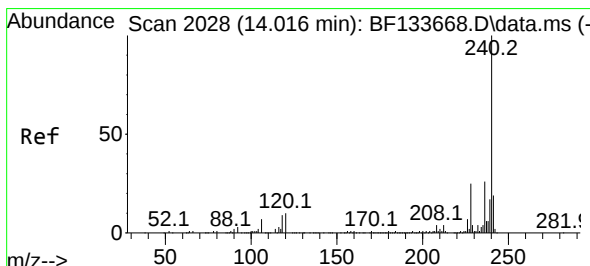
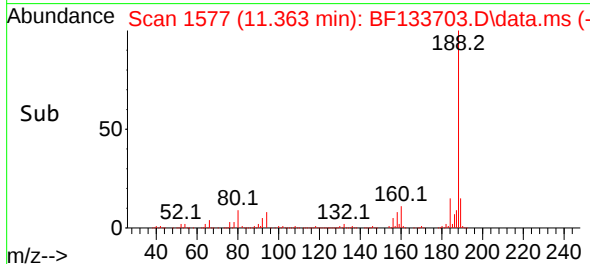
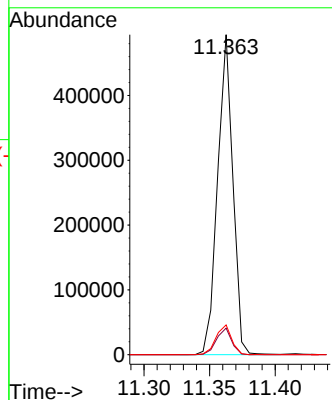
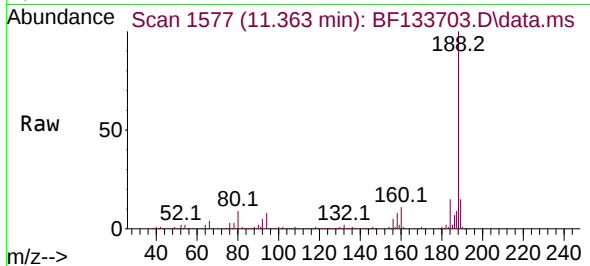




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.363 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF133703.D
Acq: 12 Jun 2023 14:34

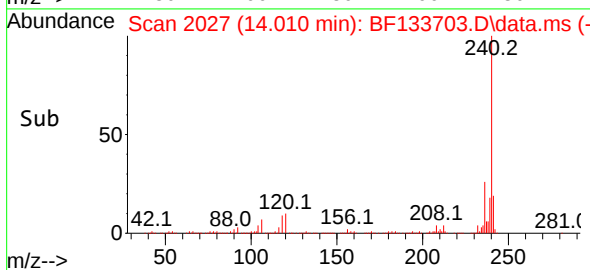
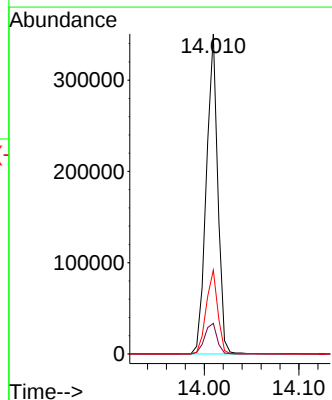
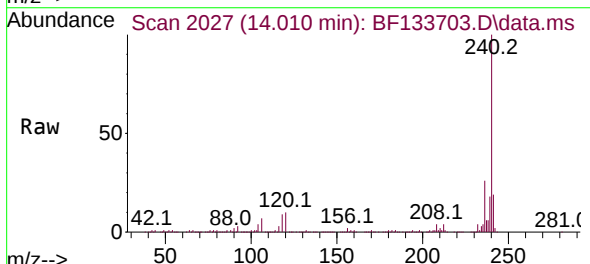
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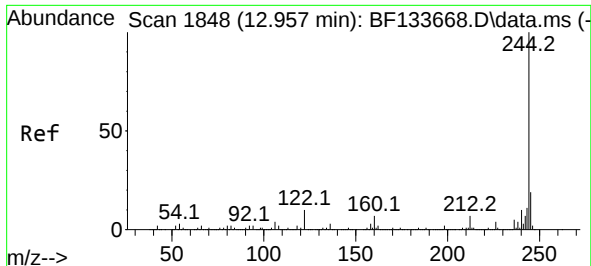
Tgt Ion:188 Resp: 399042
Ion Ratio Lower Upper
188 100
94 8.3 6.8 10.2
80 9.3 7.8 11.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.010 min Scan# 2027
Delta R.T. -0.006 min
Lab File: BF133703.D
Acq: 12 Jun 2023 14:34

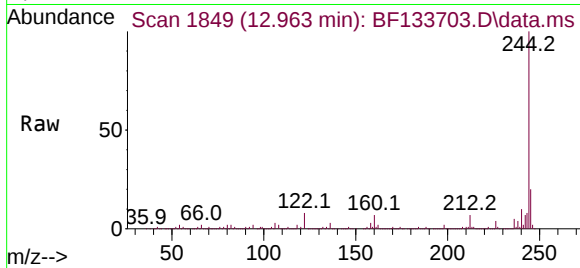
Tgt Ion:240 Resp: 293003
Ion Ratio Lower Upper
240 100
120 9.5 8.1 12.1
236 26.2 20.5 30.7



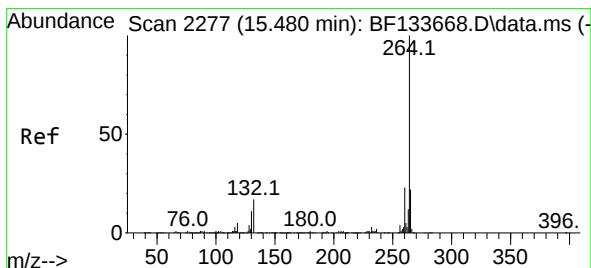
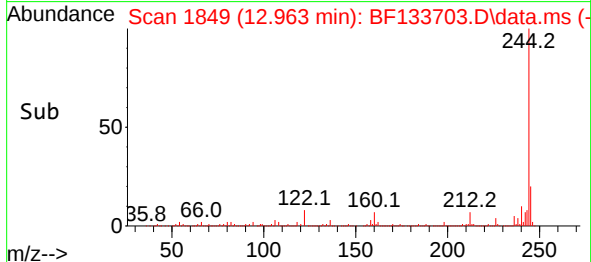
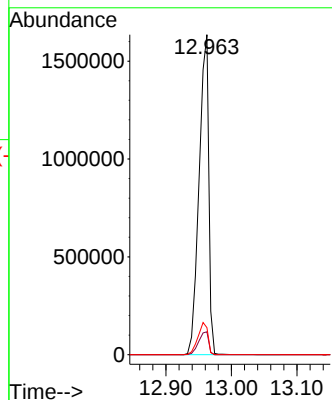


#79
 Terphenyl-d14
 Concen: 88.575 ng
 RT: 12.963 min Scan# 1849
 Delta R.T. 0.006 min
 Lab File: BF133703.D
 Acq: 12 Jun 2023 14:34

Instrument :
 BNA_F
 ClientSampleId :
 PB153303TB



Tgt Ion:244 Resp: 1677250
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.4 8.2
 122 8.4 8.1 12.1



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.474 min Scan# 2276
 Delta R.T. -0.006 min
 Lab File: BF133703.D
 Acq: 12 Jun 2023 14:34

Tgt Ion:264 Resp: 242179
 Ion Ratio Lower Upper
 264 100
 260 24.4 18.2 27.2
 265 21.3 17.8 26.6

