

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061323\
 Data File : BF133722.D
 Acq On : 13 Jun 2023 10:18
 Operator : CG\JU
 Sample : PB153230BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB153230BL

Quant Time: Jun 13 11:28:02 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 13 11:26:55 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.834	152	86925	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	332987	20.000	ng	0.00
39) Acenaphthene-d10	9.875	164	173916	20.000	ng	0.00
64) Phenanthrene-d10	11.363	188	355021	20.000	ng	0.00
76) Chrysene-d12	14.010	240	251623	20.000	ng	0.00
86) Perylene-d12	15.474	264	204799	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.463	112	717629	143.724	ng	0.02
7) Phenol-d6	6.469	99	856205	131.737	ng	0.00
23) Nitrobenzene-d5	7.404	82	608210	99.485	ng	0.00
42) 2,4,6-Tribromophenol	10.669	330	299837	136.199	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	1133878	92.678	ng	0.00
79) Terphenyl-d14	12.963	244	1428213	87.827	ng	0.00

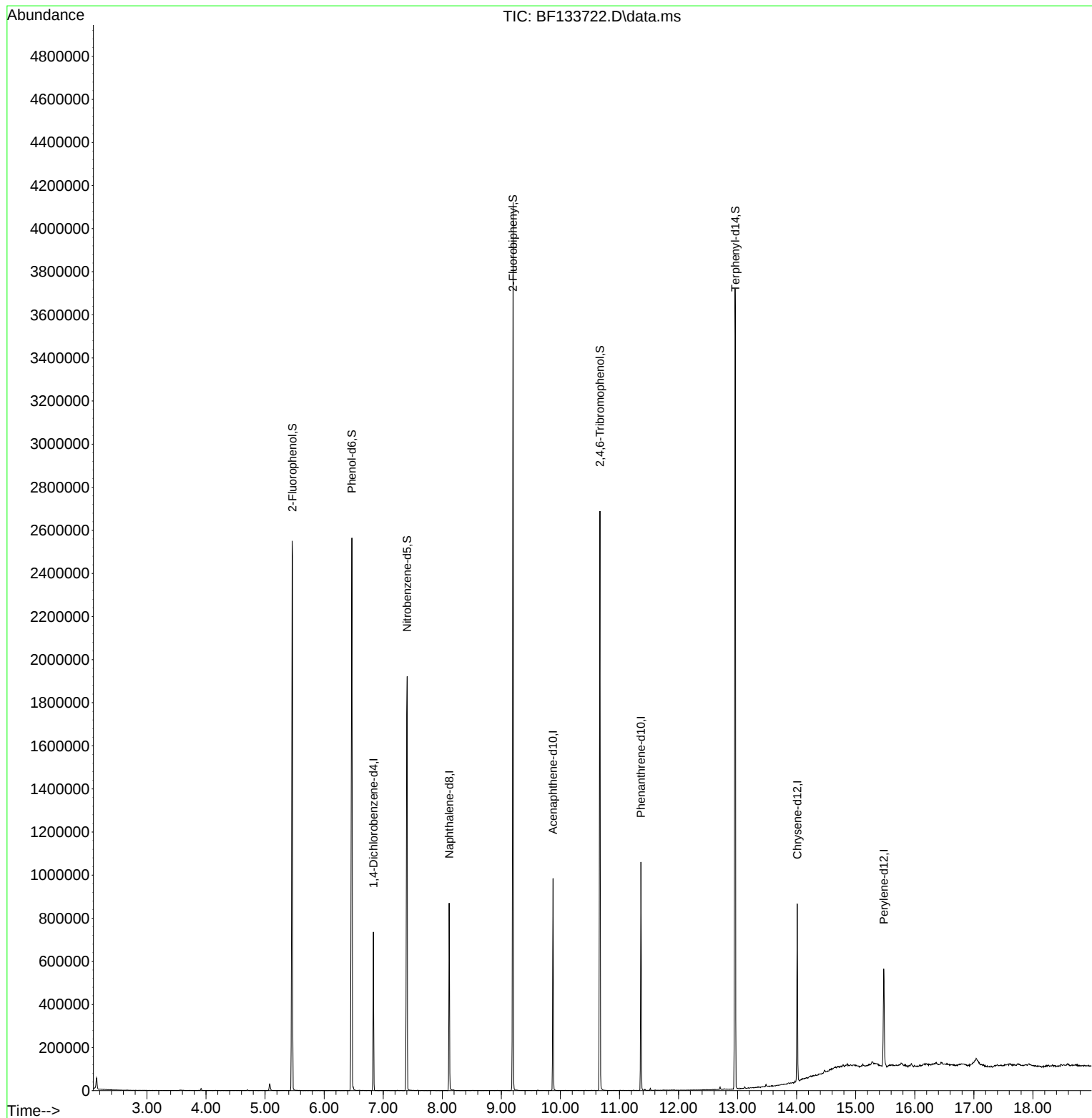
Target Compounds	Qvalue

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

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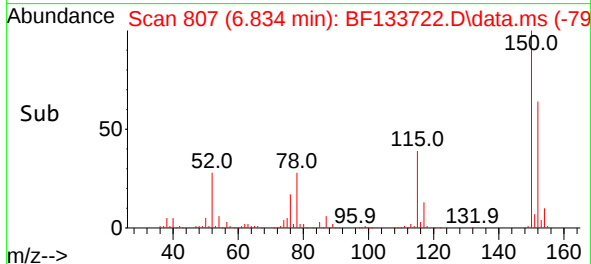
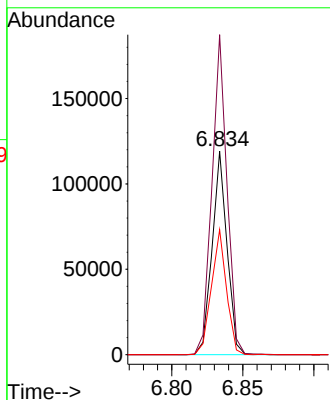
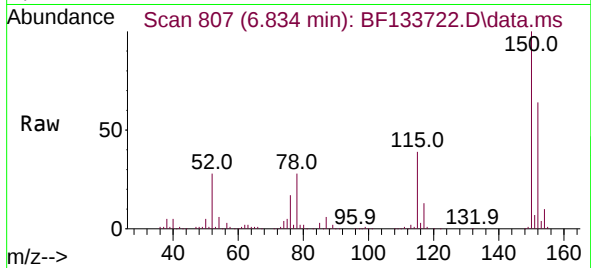




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.834 min Scan# 80
Delta R.T. -0.000 min
Lab File: BF133722.D
Acq: 13 Jun 2023 10:18

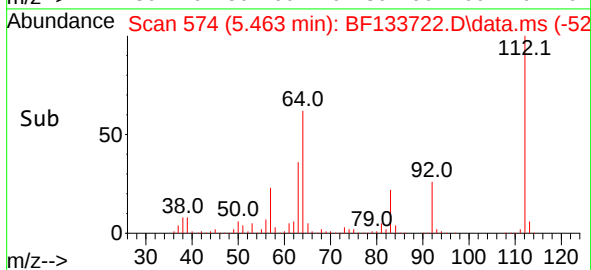
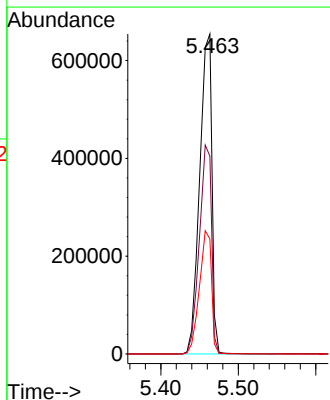
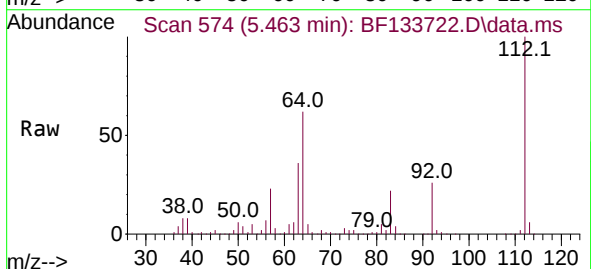
Instrument :
BNA_F
ClientSampleId :
PB153230BL

Tgt Ion:152 Resp: 86925
Ion Ratio Lower Upper
152 100
150 157.2 124.3 186.5
115 61.4 48.5 72.7



#5
2-Fluorophenol
Concen: 143.724 ng
RT: 5.463 min Scan# 574
Delta R.T. 0.018 min
Lab File: BF133722.D
Acq: 13 Jun 2023 10:18

Tgt Ion:112 Resp: 717629
Ion Ratio Lower Upper
112 100
64 61.8 49.0 73.4
63 35.9 26.8 40.2

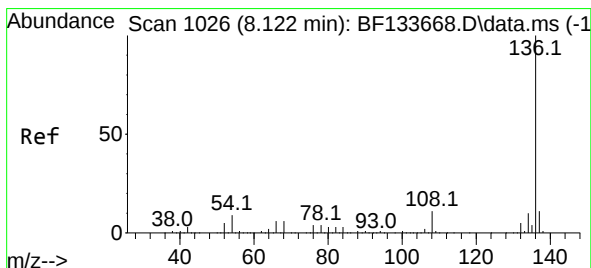
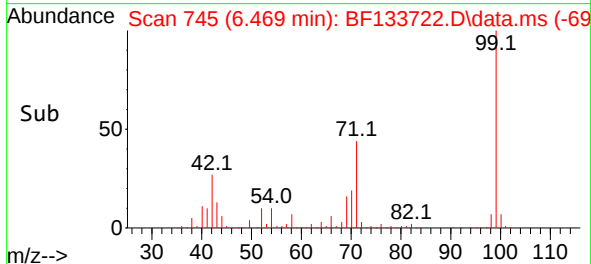
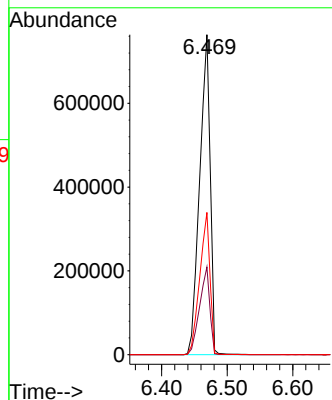
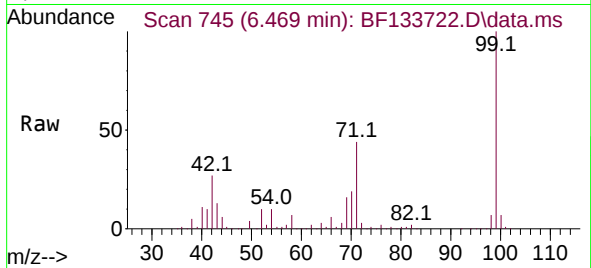




#7
Phenol-d6
Concen: 131.737 ng
RT: 6.469 min Scan# 745
Delta R.T. 0.000 min
Lab File: BF133722.D
Acq: 13 Jun 2023 10:18

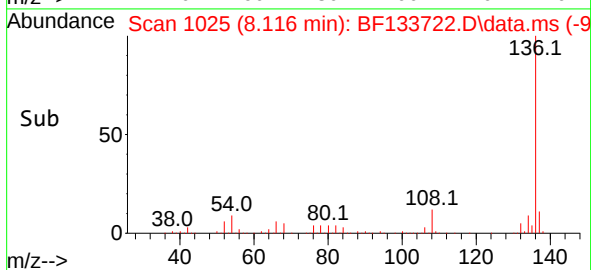
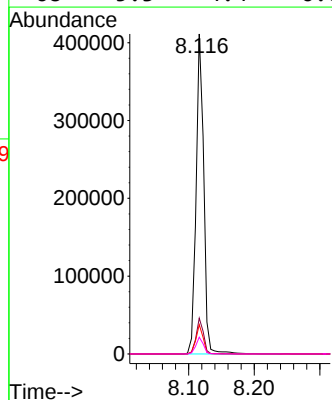
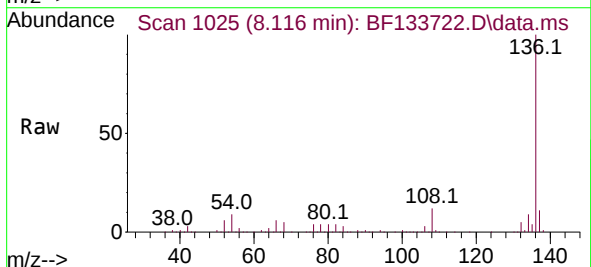
Instrument :
BNA_F
ClientSampleId :
PB153230BL

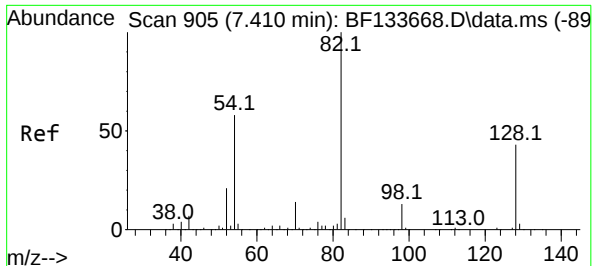
Tgt Ion: 99 Resp: 856205
Ion Ratio Lower Upper
99 100
42 27.4 19.9 29.9
71 44.5 32.2 48.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.116 min Scan# 1025
Delta R.T. -0.006 min
Lab File: BF133722.D
Acq: 13 Jun 2023 10:18

Tgt Ion: 136 Resp: 332987
Ion Ratio Lower Upper
136 100
137 11.2 8.8 13.2
54 9.2 7.4 11.0
68 5.3 4.4 6.6





#23

Nitrobenzene-d5

Concen: 99.485 ng

RT: 7.404 min Scan# 904

Delta R.T. 0.000 min

Lab File: BF133722.D

Acq: 13 Jun 2023 10:18

Instrument :

BNA_F

ClientSampleId :

PB153230BL

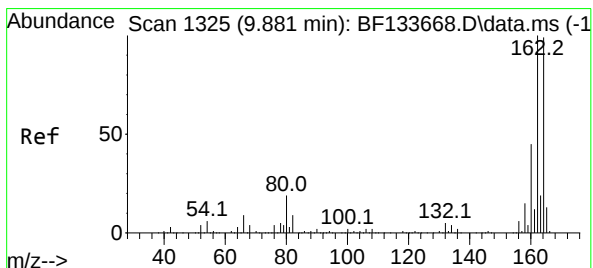
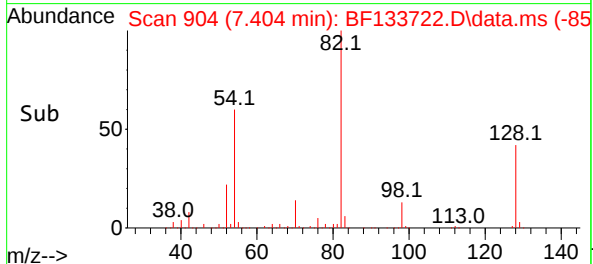
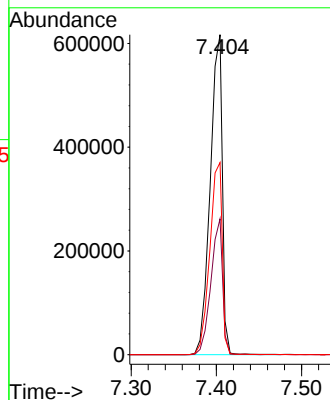
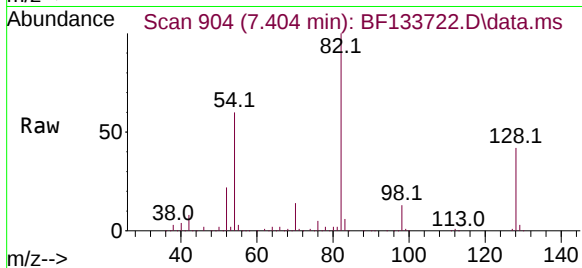
Tgt Ion: 82 Resp: 608210

Ion Ratio Lower Upper

82 100

128 42.5 34.2 51.2

54 60.1 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: BF133722.D

Acq: 13 Jun 2023 10:18

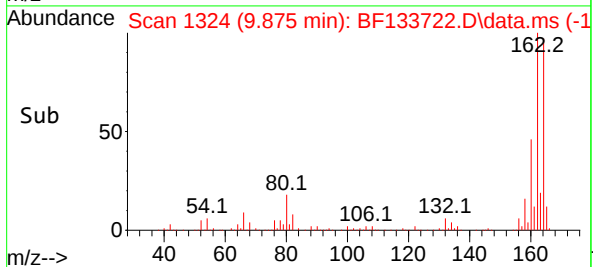
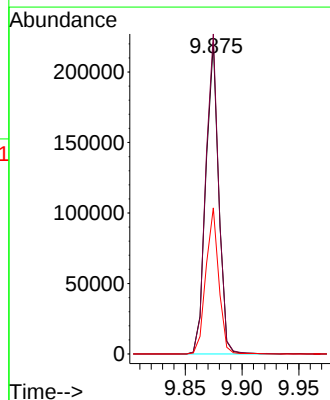
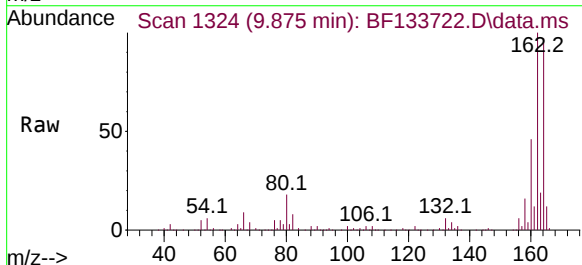
Tgt Ion:164 Resp: 173916

Ion Ratio Lower Upper

164 100

162 102.8 80.8 121.2

160 46.9 36.7 55.1

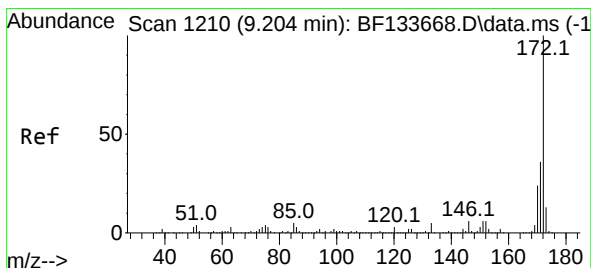
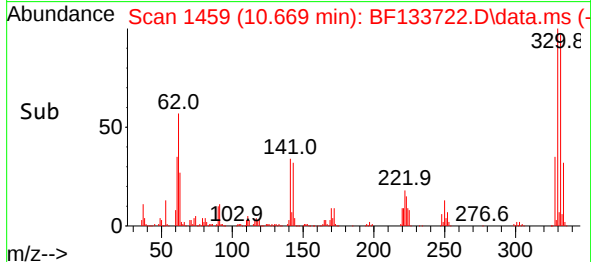
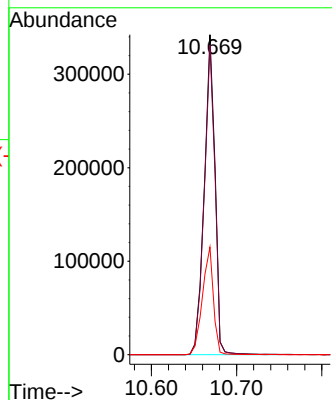
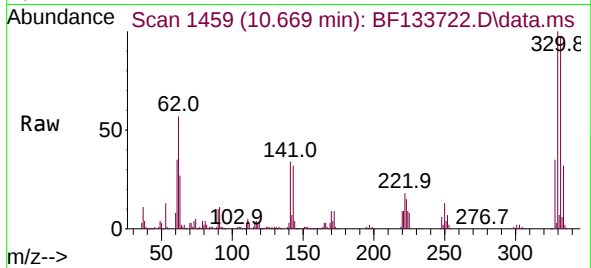




#42
2,4,6-Tribromophenol
Concen: 136.199 ng
RT: 10.669 min Scan# 1460
Delta R.T. 0.000 min
Lab File: BF133722.D
Acq: 13 Jun 2023 10:18

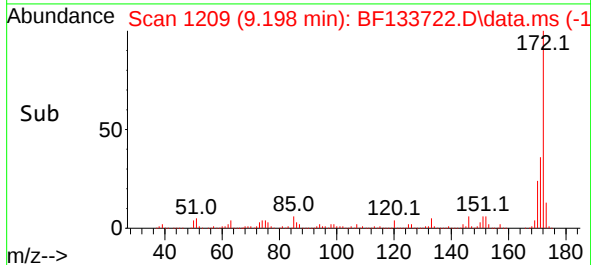
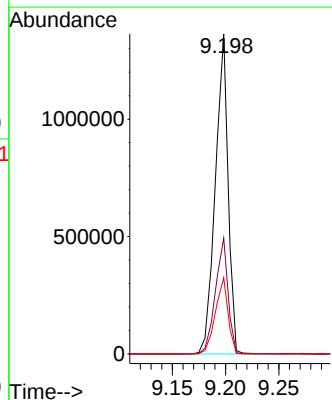
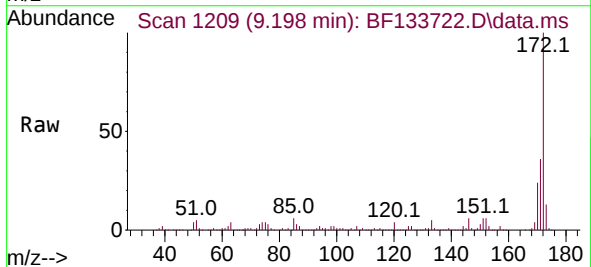
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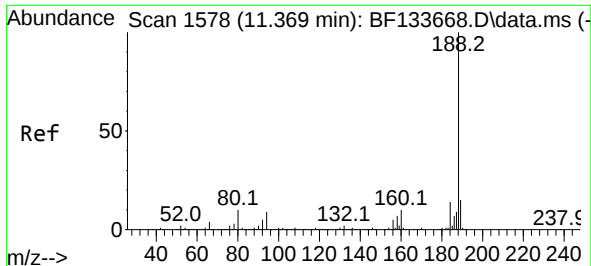
Tgt Ion:330 Resp: 299837
Ion Ratio Lower Upper
330 100
332 96.5 77.2 115.8
141 34.4 24.9 37.3



#45
2-Fluorobiphenyl
Concen: 92.678 ng
RT: 9.198 min Scan# 1209
Delta R.T. 0.000 min
Lab File: BF133722.D
Acq: 13 Jun 2023 10:18

Tgt Ion:172 Resp: 1133878
Ion Ratio Lower Upper
172 100
171 36.2 28.6 43.0
170 23.8 19.1 28.7

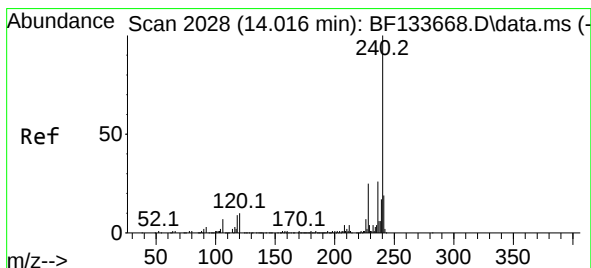
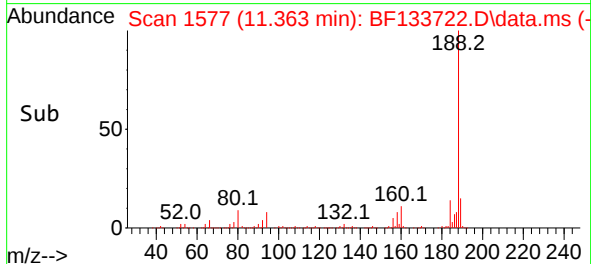
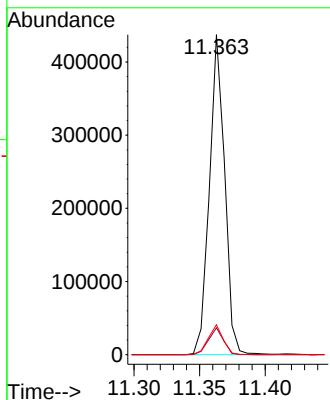
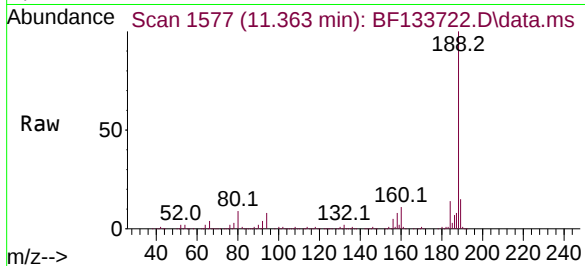




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.363 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF133722.D
Acq: 13 Jun 2023 10:18

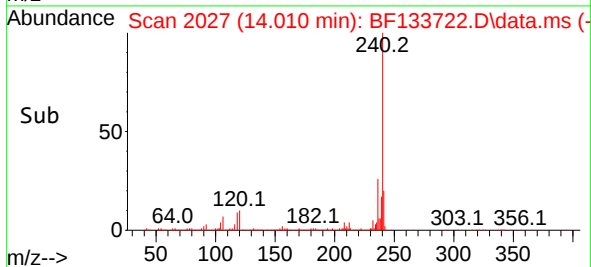
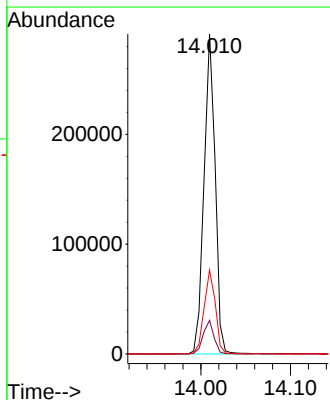
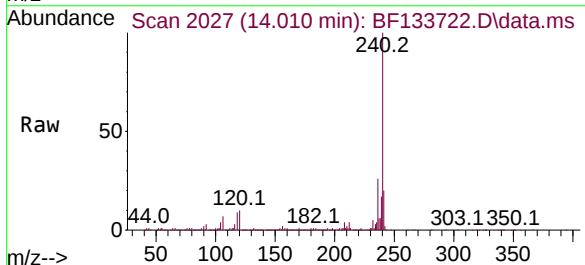
Instrument :
BNA_F
ClientSampleId :
PB153230BL

Tgt Ion:188 Resp: 355021
Ion Ratio Lower Upper
188 100
94 8.4 6.8 10.2
80 9.4 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: BF133722.D
Acq: 13 Jun 2023 10:18

Tgt Ion:240 Resp: 251623
Ion Ratio Lower Upper
240 100
120 10.5 8.1 12.1
236 26.2 20.5 30.7

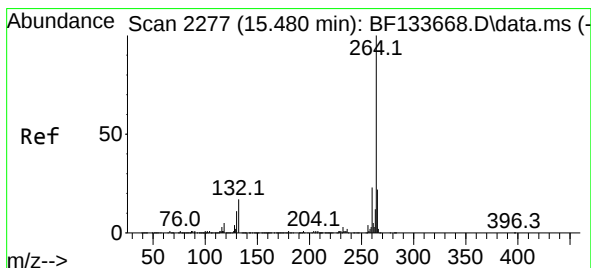
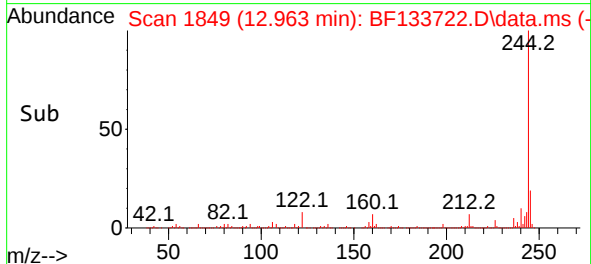
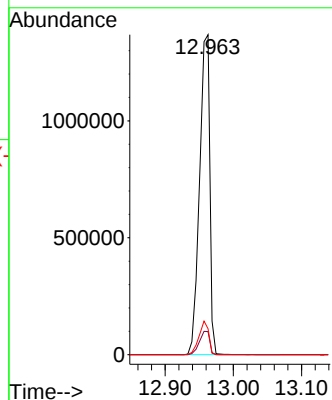
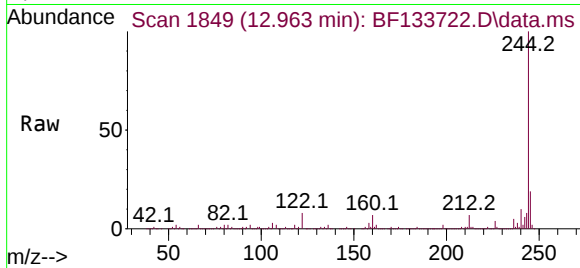




#79
 Terphenyl-d14
 Concen: 87.827 ng
 RT: 12.963 min Scan# 1849
 Delta R.T. 0.006 min
 Lab File: BF133722.D
 Acq: 13 Jun 2023 10:18

Instrument :
 BNA_F
 ClientSampleId :
 PB153230BL

Tgt Ion:244 Resp: 1428213
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.4 8.2
 122 8.1 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: BF133722.D
 Acq: 13 Jun 2023 10:18

Tgt Ion:264 Resp: 204799
 Ion Ratio Lower Upper
 264 100
 260 22.6 18.2 27.2
 265 20.8 17.8 26.6

