

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061223\
 Data File : BF133702.D
 Acq On : 12 Jun 2023 14:02
 Operator : CG\JU
 Sample : PB153327BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB153327BL

Quant Time: Jun 12 14:31:26 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	6.833	152	84283	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	335857	20.000	ng	0.00
39) Acenaphthene-d10	9.874	164	173483	20.000	ng	0.00
64) Phenanthrene-d10	11.363	188	356298	20.000	ng	0.00
76) Chrysene-d12	14.010	240	265300	20.000	ng	0.00
86) Perylene-d12	15.474	264	228060	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.463	112	839330	173.367	ng	0.01
7) Phenol-d6	6.469	99	1011756	160.550	ng	0.00
23) Nitrobenzene-d5	7.404	82	706896	114.639	ng	0.00
42) 2,4,6-Tribromophenol	10.669	330	332915	151.602	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	1311057	107.428	ng	0.00
79) Terphenyl-d14	12.963	244	1668255	97.300	ng	0.00

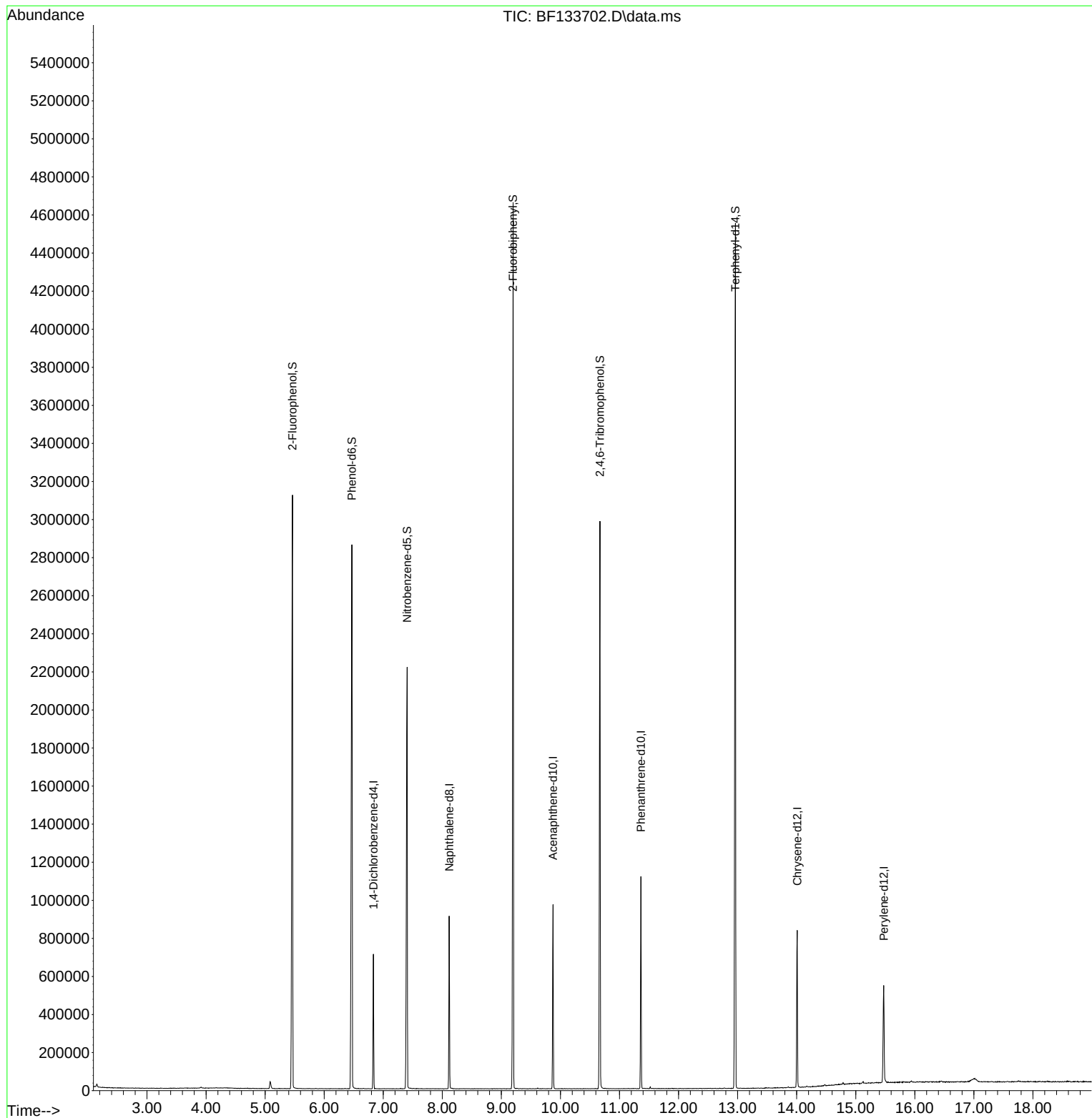
Target Compounds	Qvalue

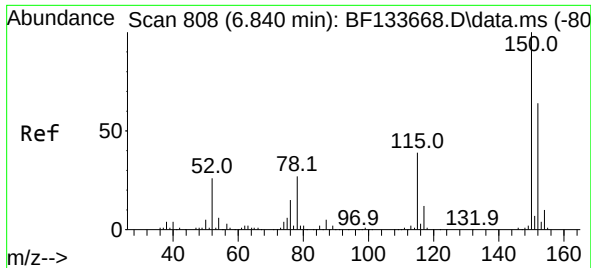
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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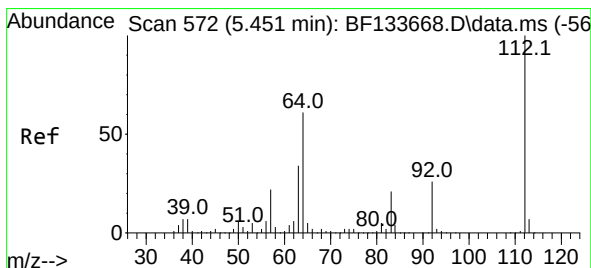
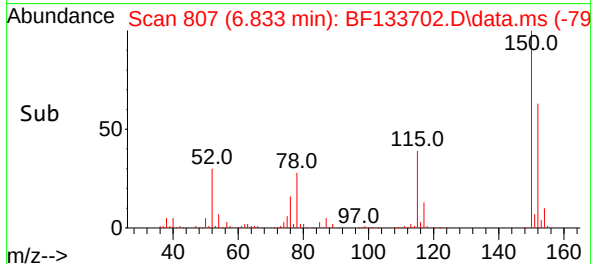
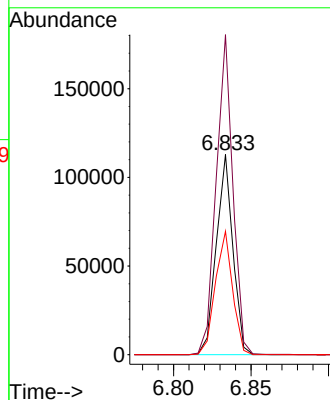
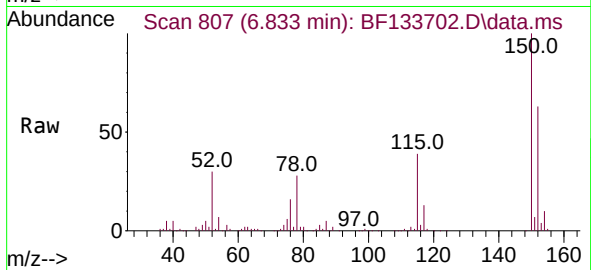




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.833 min Scan# 80
Delta R.T. -0.006 min
Lab File: BF133702.D
Acq: 12 Jun 2023 14:02

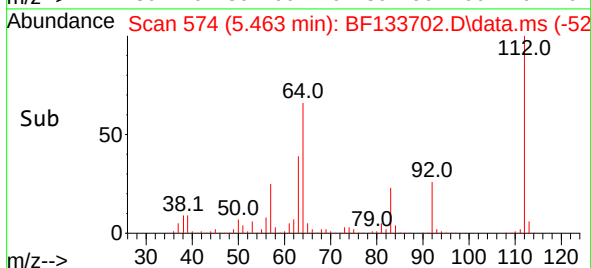
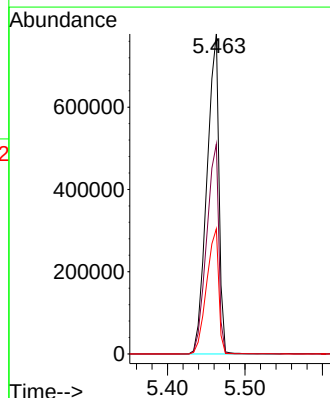
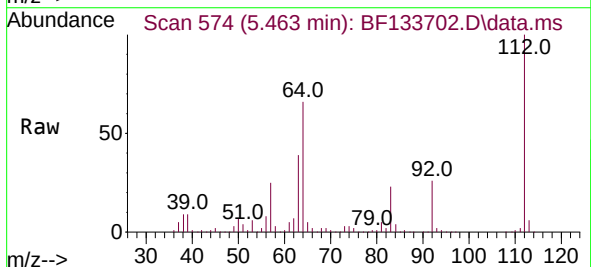
Instrument :
BNA_F
ClientSampleId :
PB153327BL

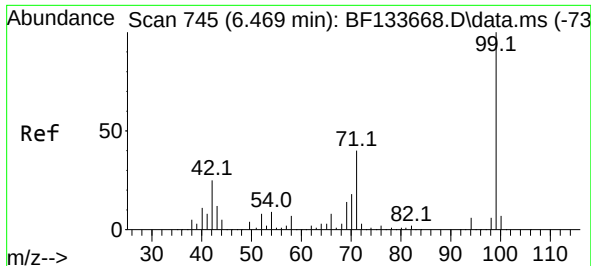
Tgt Ion:152 Resp: 84283
Ion Ratio Lower Upper
152 100
150 159.9 124.3 186.5
115 61.7 48.5 72.7



#5
2-Fluorophenol
Concen: 173.367 ng
RT: 5.463 min Scan# 574
Delta R.T. 0.012 min
Lab File: BF133702.D
Acq: 12 Jun 2023 14:02

Tgt Ion:112 Resp: 839330
Ion Ratio Lower Upper
112 100
64 65.6 49.0 73.4
63 39.1 26.8 40.2

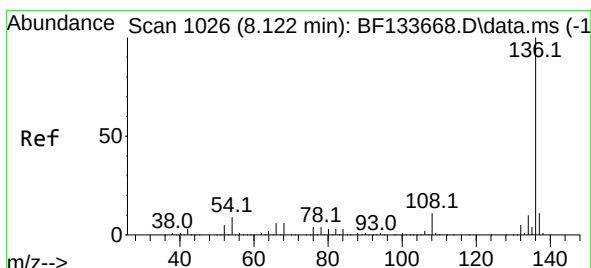
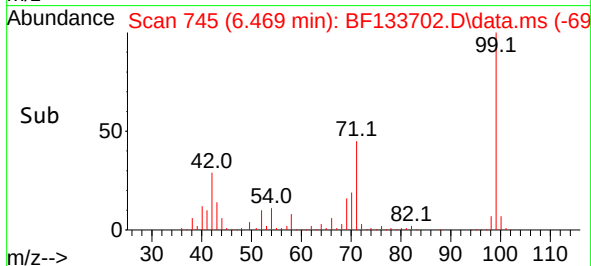
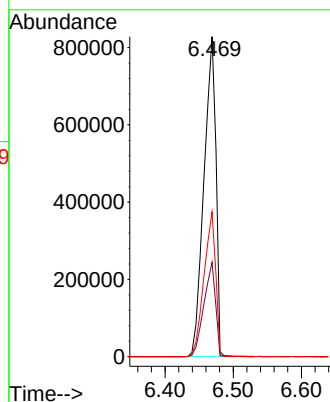
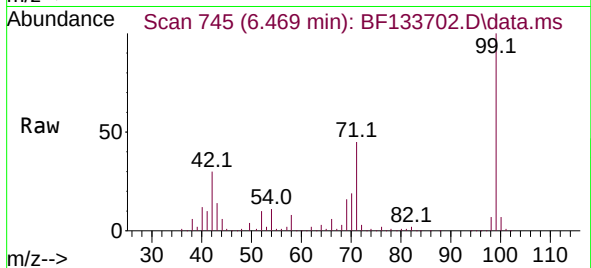




#7
Phenol-d6
Concen: 160.550 ng
RT: 6.469 min Scan# 745
Delta R.T. -0.000 min
Lab File: BF133702.D
Acq: 12 Jun 2023 14:02

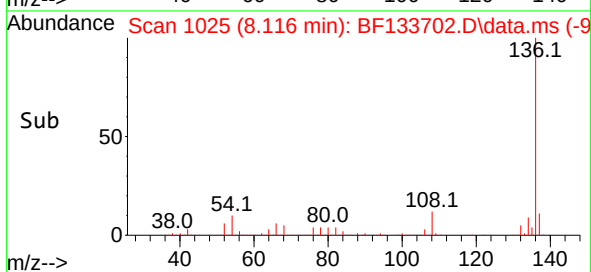
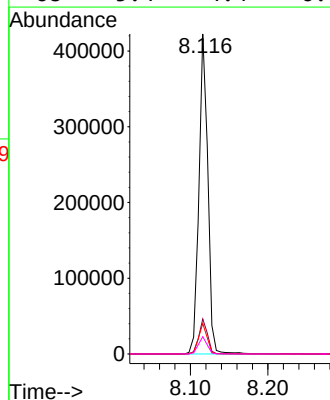
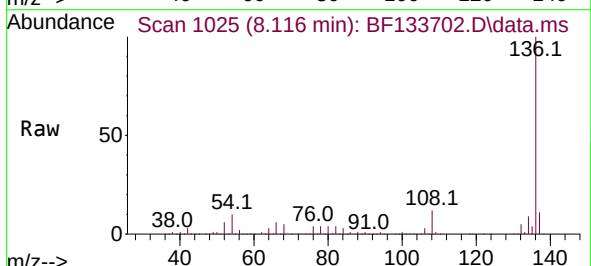
Instrument :
BNA_F
ClientSampleId :
PB153327BL

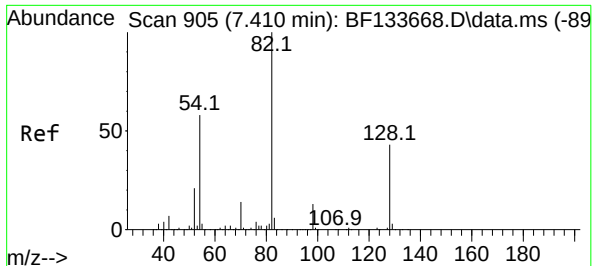
Tgt Ion: 99 Resp: 1011756
Ion Ratio Lower Upper
99 100
42 29.5 19.9 29.9
71 45.3 32.2 48.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.116 min Scan# 1025
Delta R.T. -0.006 min
Lab File: BF133702.D
Acq: 12 Jun 2023 14:02

Tgt Ion:136 Resp: 335857
Ion Ratio Lower Upper
136 100
137 10.9 8.8 13.2
54 9.5 7.4 11.0
68 5.4 4.4 6.6





#23

Nitrobenzene-d5

Concen: 114.639 ng

RT: 7.404 min Scan# 905

Delta R.T. -0.006 min

Lab File: BF133702.D

Acq: 12 Jun 2023 14:02

Instrument :

BNA_F

ClientSampleId :

PB153327BL

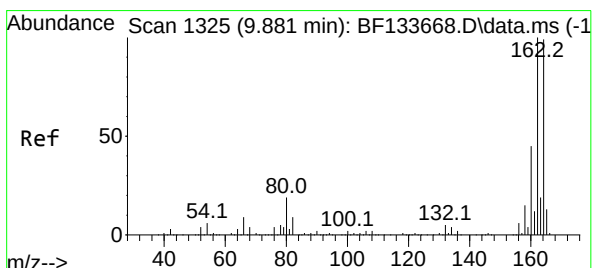
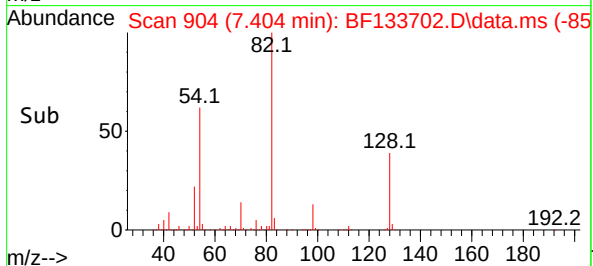
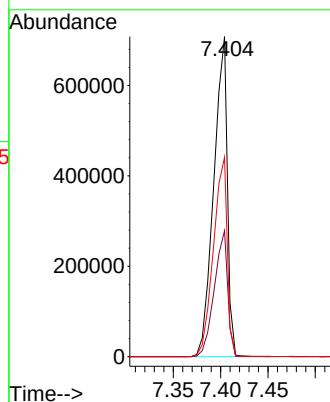
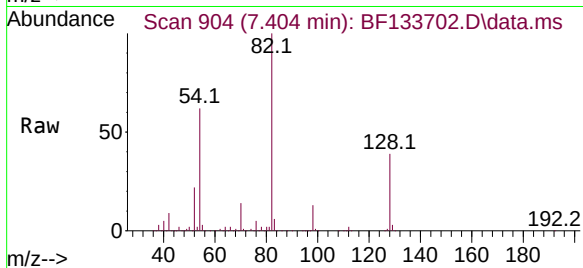
Tgt Ion: 82 Resp: 706896

Ion Ratio Lower Upper

82 100

128 39.4 34.2 51.2

54 62.3 46.5 69.7



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.874 min Scan# 1324

Delta R.T. -0.006 min

Lab File: BF133702.D

Acq: 12 Jun 2023 14:02

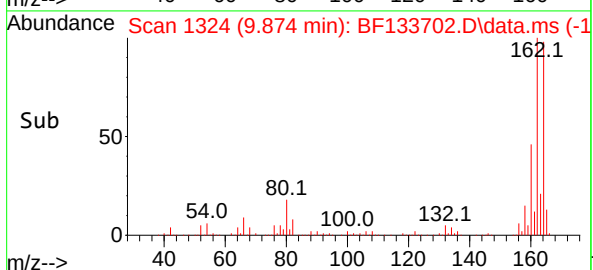
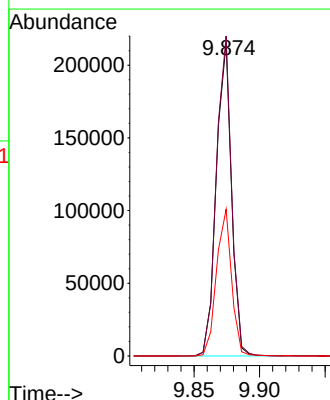
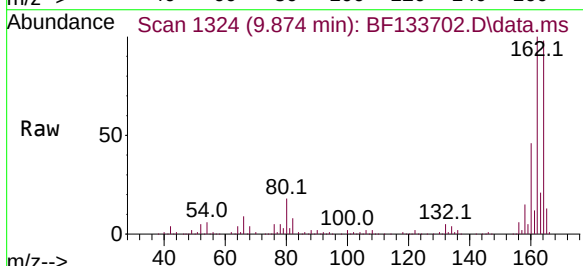
Tgt Ion:164 Resp: 173483

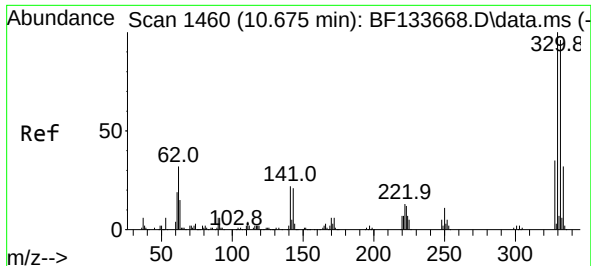
Ion Ratio Lower Upper

164 100

162 102.1 80.8 121.2

160 46.8 36.7 55.1





#42

2,4,6-Tribromophenol

Concen: 151.602 ng

RT: 10.669 min Scan# 1460

Delta R.T. -0.006 min

Lab File: BF133702.D

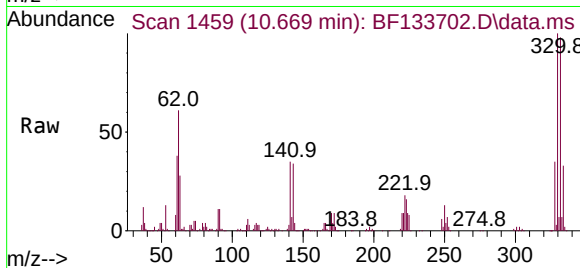
Acq: 12 Jun 2023 14:02

Instrument :

BNA_F

ClientSampleId :

PB153327BL



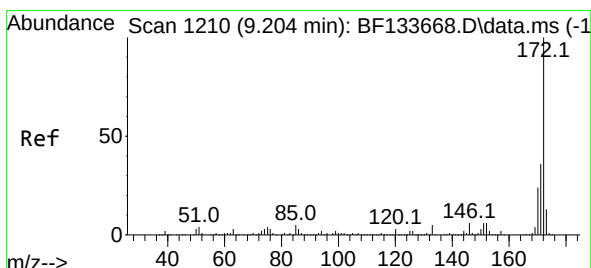
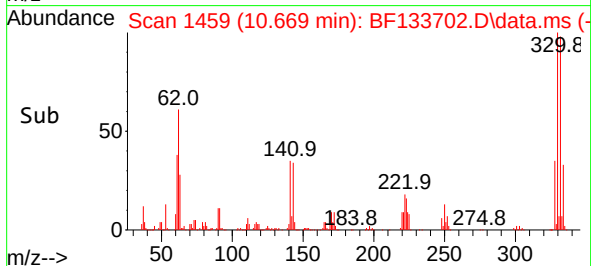
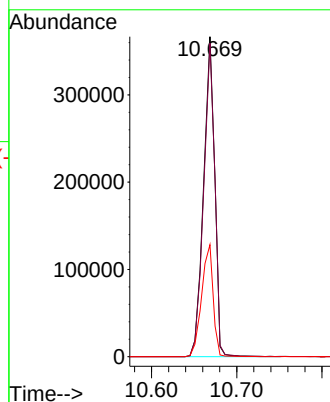
Tgt Ion:330 Resp: 332915

Ion Ratio Lower Upper

330 100

332 97.9 77.2 115.8

141 36.3 24.9 37.3



#45

2-Fluorobiphenyl

Concen: 107.428 ng

RT: 9.198 min Scan# 1209

Delta R.T. -0.006 min

Lab File: BF133702.D

Acq: 12 Jun 2023 14:02

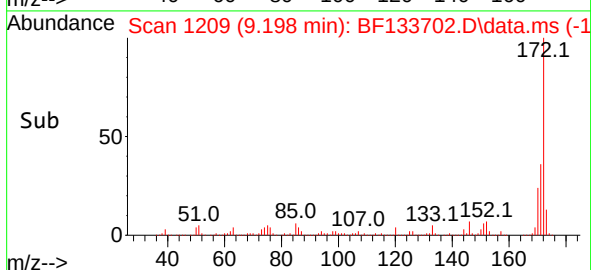
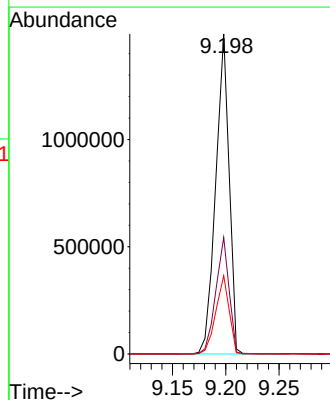
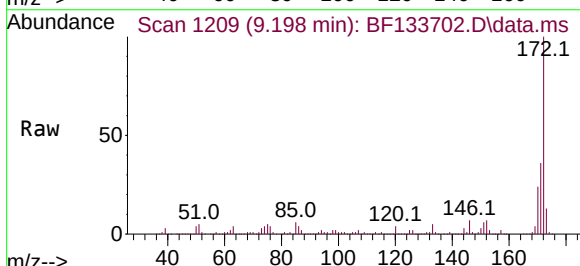
Tgt Ion:172 Resp: 1311057

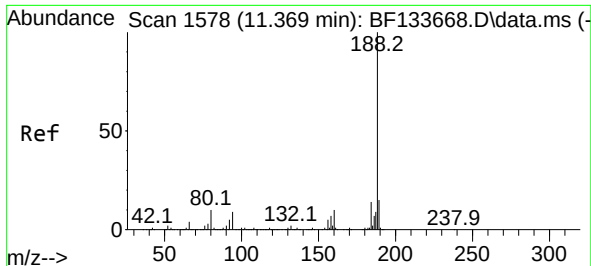
Ion Ratio Lower Upper

172 100

171 36.4 28.6 43.0

170 24.4 19.1 28.7

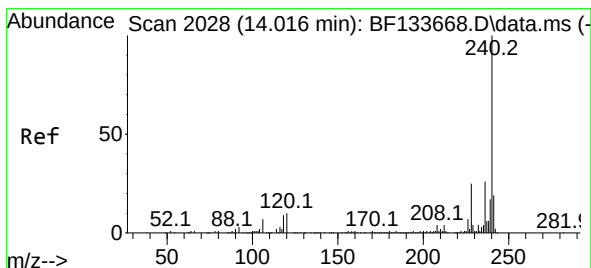
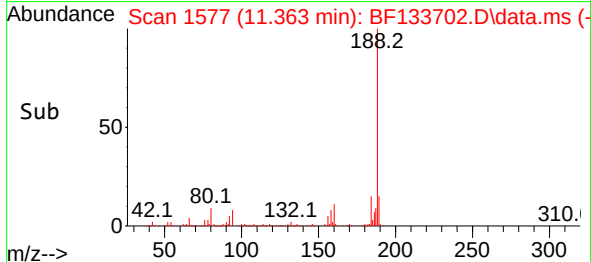
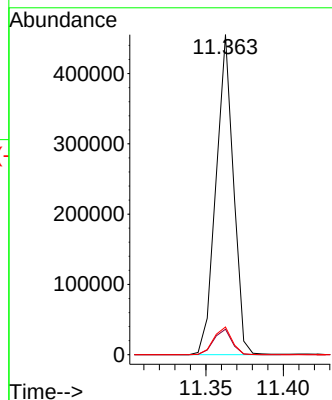
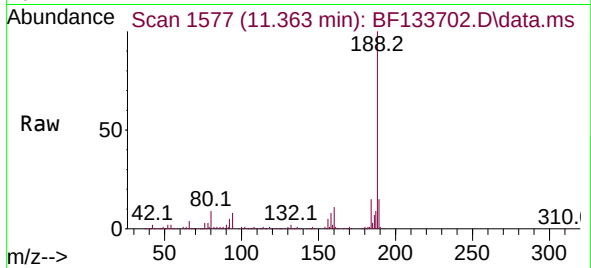




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.363 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF133702.D
Acq: 12 Jun 2023 14:02

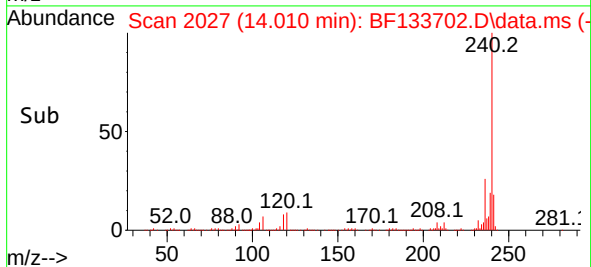
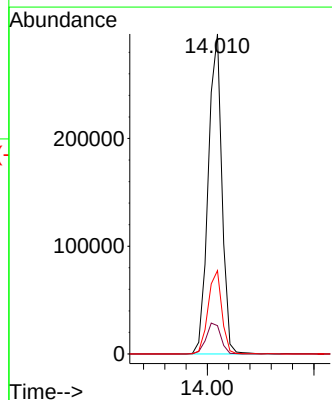
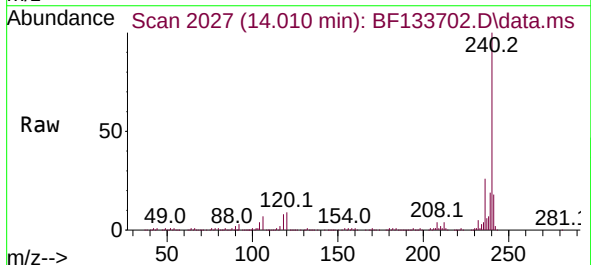
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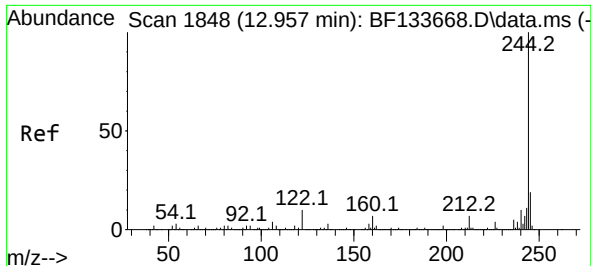
Tgt Ion:188 Resp: 356298
Ion Ratio Lower Upper
188 100
94 8.0 6.8 10.2
80 8.7 7.8 11.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.010 min Scan# 2027
Delta R.T. -0.006 min
Lab File: BF133702.D
Acq: 12 Jun 2023 14:02

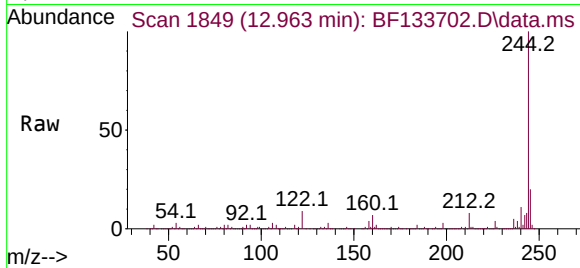
Tgt Ion:240 Resp: 265300
Ion Ratio Lower Upper
240 100
120 8.9 8.1 12.1
236 26.1 20.5 30.7



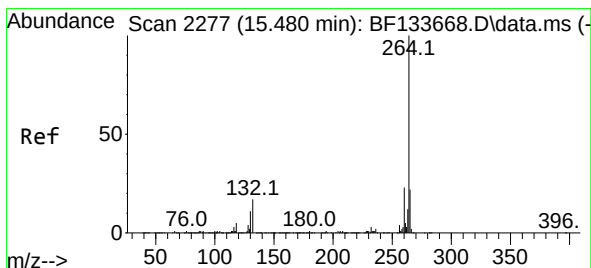
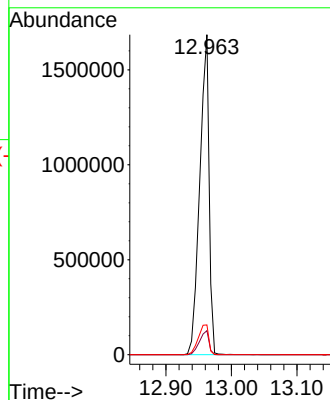
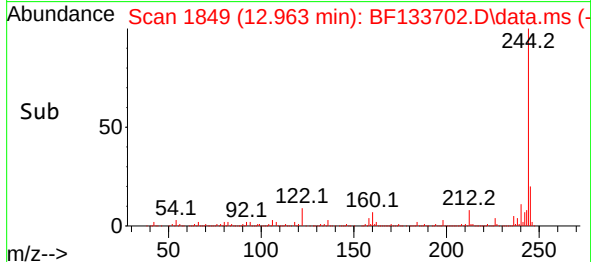


#79
 Terphenyl-d14
 Concen: 97.300 ng
 RT: 12.963 min Scan# 1849
 Delta R.T. 0.006 min
 Lab File: BF133702.D
 Acq: 12 Jun 2023 14:02

Instrument :
 BNA_F
 ClientSampleId :
 PB153327BL



Tgt Ion:244 Resp: 1668255
 Ion Ratio Lower Upper
 244 100
 212 7.5 5.4 8.2
 122 9.3 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: BF133702.D
 Acq: 12 Jun 2023 14:02

Tgt Ion:264 Resp: 228060
 Ion Ratio Lower Upper
 264 100
 260 24.2 18.2 27.2
 265 21.3 17.8 26.6

