

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061323\
 Data File : BF133738.D
 Acq On : 13 Jun 2023 19:02
 Operator : CG\JU
 Sample : 03069-09
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TWP08

Quant Time: Jun 13 19:25:42 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	84998	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	270542	20.000	ng	0.00
39) Acenaphthene-d10	9.869	164	115601	20.000	ng	-0.01
64) Phenanthrene-d10	11.357	188	213842	20.000	ng	-0.01
76) Chrysene-d12	14.004	240	209726	20.000	ng	-0.01
86) Perylene-d12	15.463	264	145340	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.446	112	319231	65.384	ng	0.00
7) Phenol-d6	6.452	99	222869	35.068	ng	-0.02
23) Nitrobenzene-d5	7.393	82	437711	88.122	ng	-0.01
42) 2,4,6-Tribromophenol	10.663	330	152391	104.142	ng	0.00
45) 2-Fluorobiphenyl	9.193	172	656606	80.741	ng	0.00
79) Terphenyl-d14	12.951	244	817703	60.330	ng	0.00

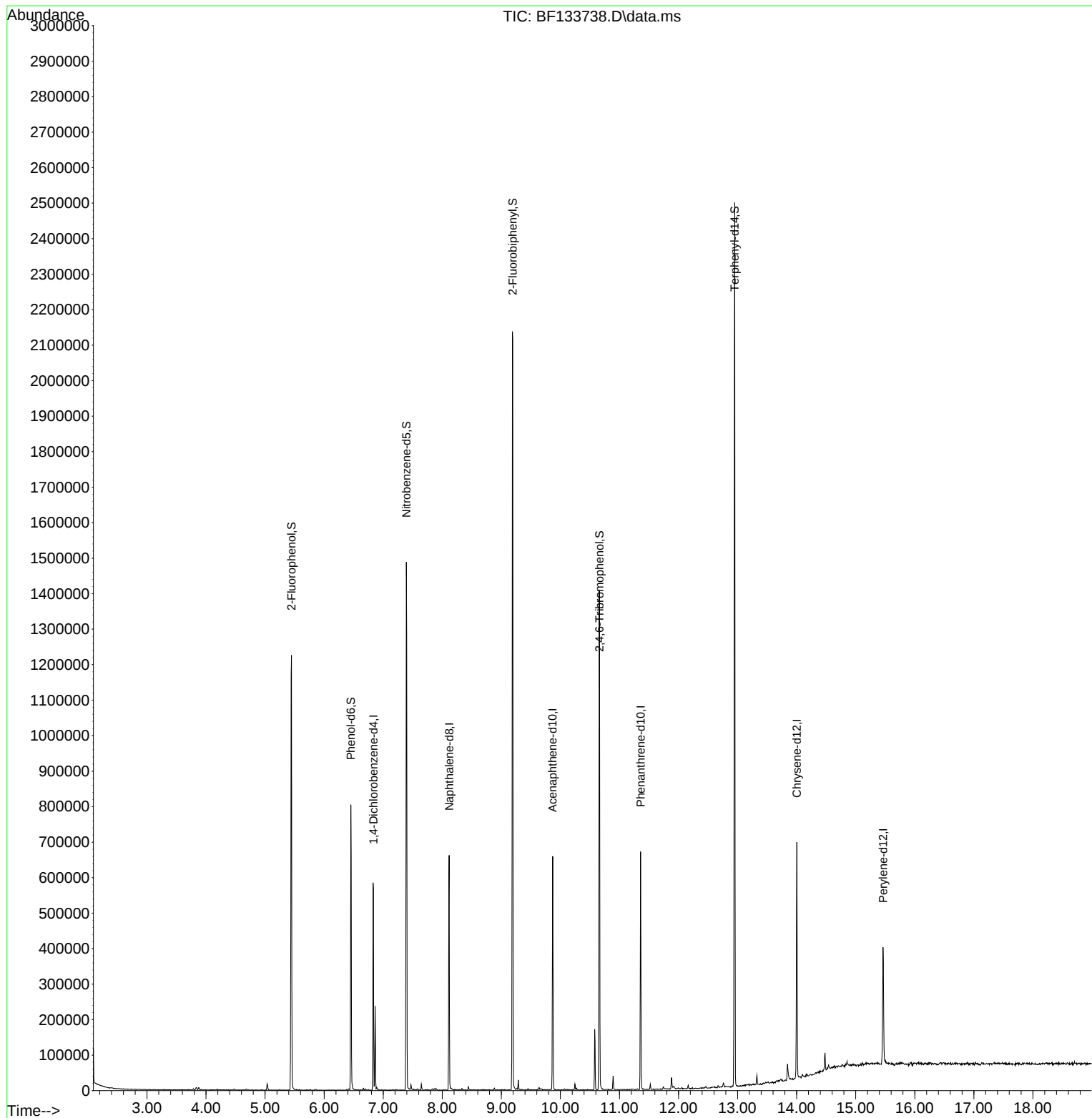
Target Compounds	Qvalue

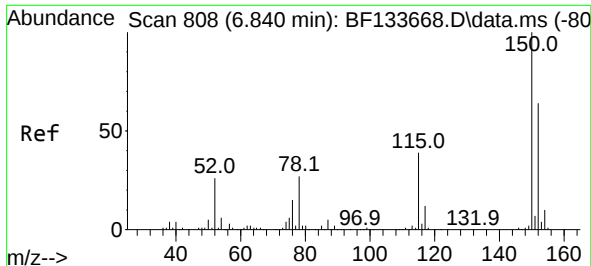
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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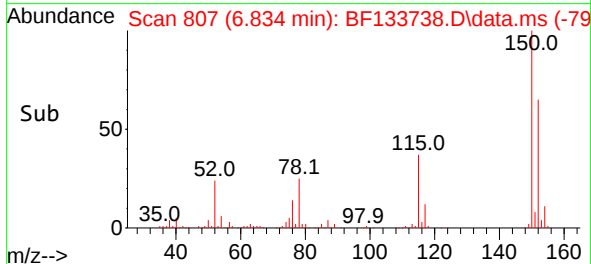
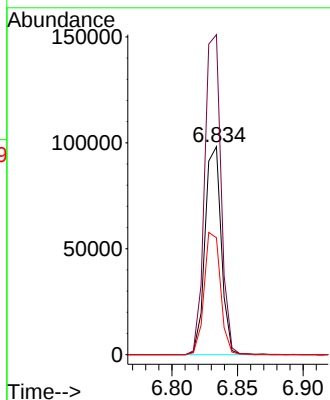
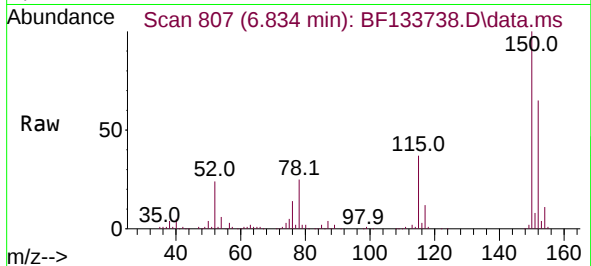




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.834 min Scan# 80
Delta R.T. -0.000 min
Lab File: BF133738.D
Acq: 13 Jun 2023 19:02

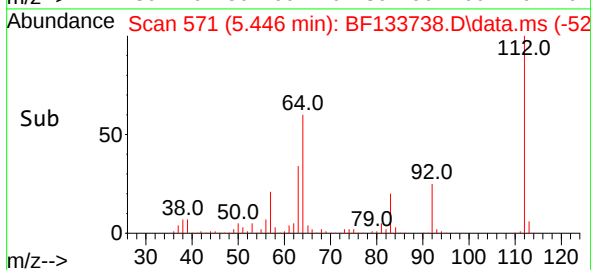
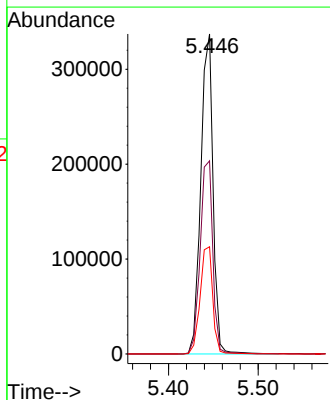
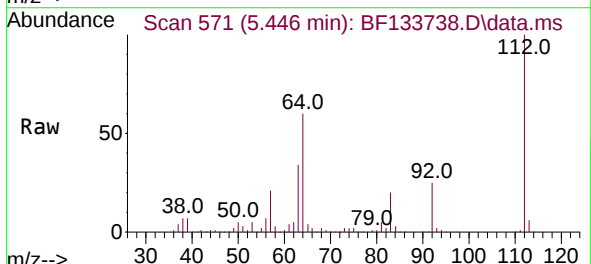
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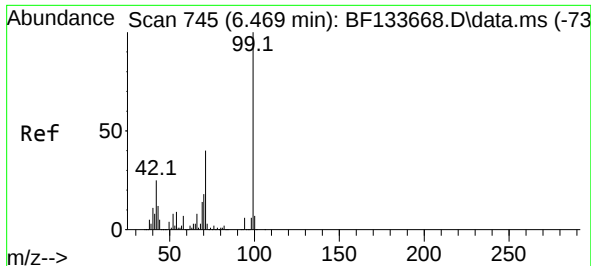
Tgt Ion:152 Resp: 84998
Ion Ratio Lower Upper
152 100
150 153.8 124.3 186.5
115 56.2 48.5 72.7



#5
2-Fluorophenol
Concen: 65.384 ng
RT: 5.446 min Scan# 571
Delta R.T. 0.000 min
Lab File: BF133738.D
Acq: 13 Jun 2023 19:02

Tgt Ion:112 Resp: 319231
Ion Ratio Lower Upper
112 100
64 60.4 49.0 73.4
63 33.5 26.8 40.2

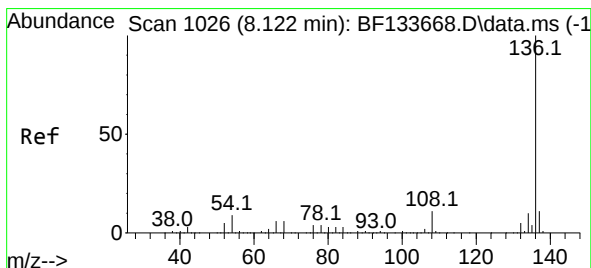
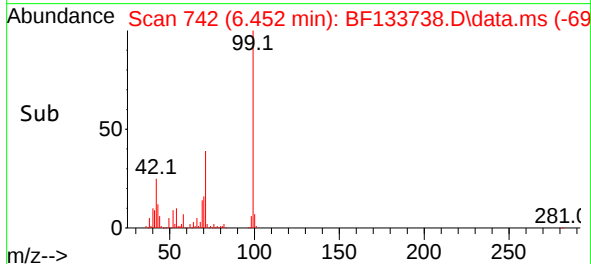
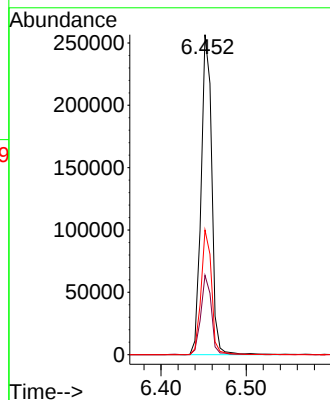
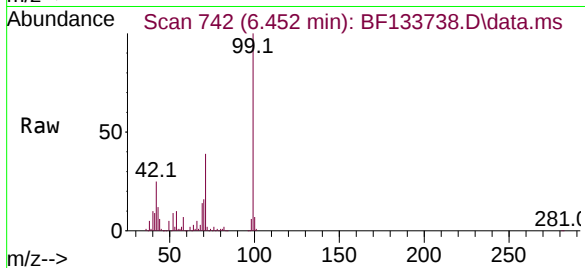




#7
Phenol-d6
Concen: 35.068 ng
RT: 6.452 min Scan# 74
Delta R.T. -0.017 min
Lab File: BF133738.D
Acq: 13 Jun 2023 19:02

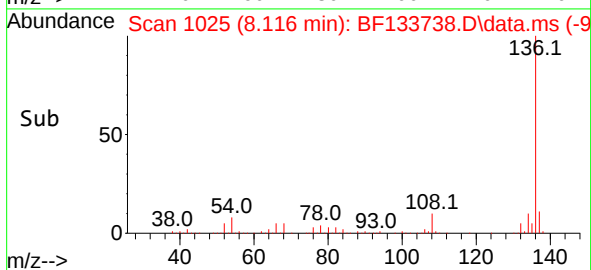
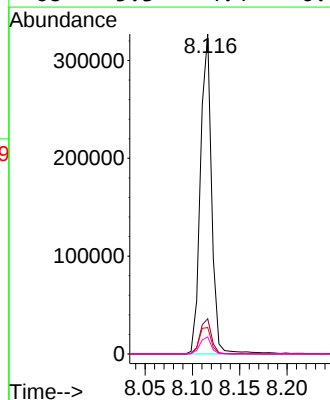
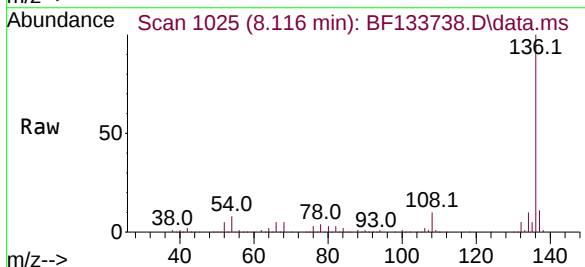
Instrument :
BNA_F
ClientSampleId :
TWP08

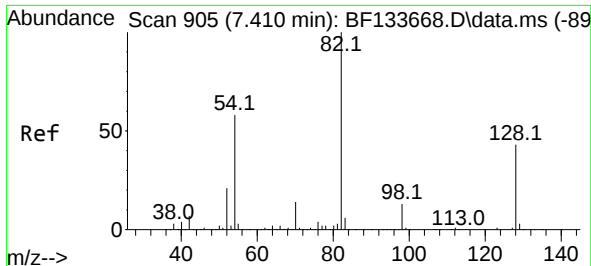
Tgt Ion: 99 Resp: 222869
Ion Ratio Lower Upper
99 100
42 24.8 19.9 29.9
71 38.9 32.2 48.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.116 min Scan# 1025
Delta R.T. -0.005 min
Lab File: BF133738.D
Acq: 13 Jun 2023 19:02

Tgt Ion: 136 Resp: 270542
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 8.3 7.4 11.0
68 5.3 4.4 6.6





#23

Nitrobenzene-d5

Concen: 88.122 ng

RT: 7.393 min Scan# 905

Delta R.T. -0.011 min

Lab File: BF133738.D

Acq: 13 Jun 2023 19:02

Instrument :

BNA_F

ClientSampleId :

TWP08

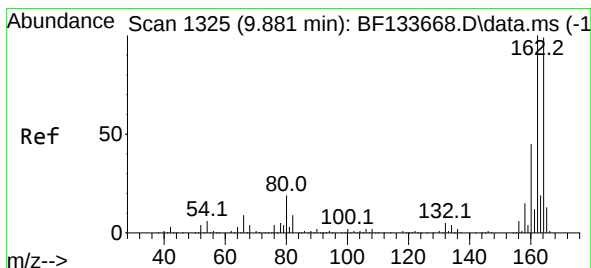
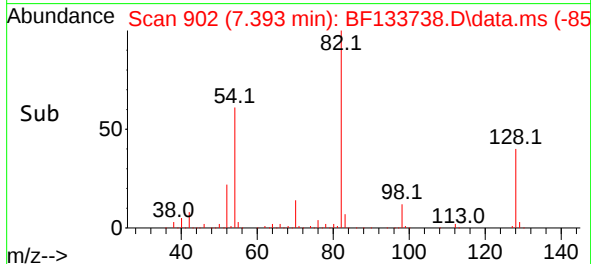
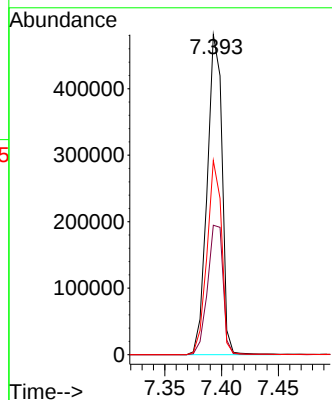
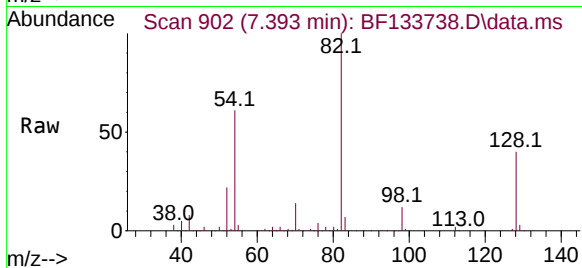
Tgt Ion: 82 Resp: 437711

Ion Ratio Lower Upper

82 100

128 40.5 34.2 51.2

54 60.7 46.5 69.7



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.869 min Scan# 1323

Delta R.T. -0.011 min

Lab File: BF133738.D

Acq: 13 Jun 2023 19:02

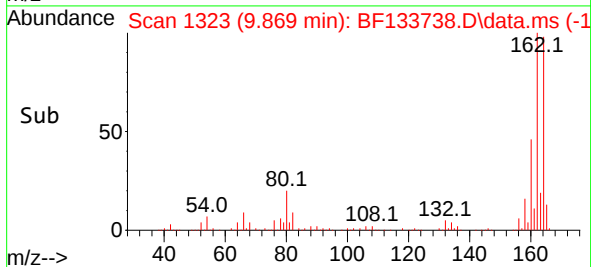
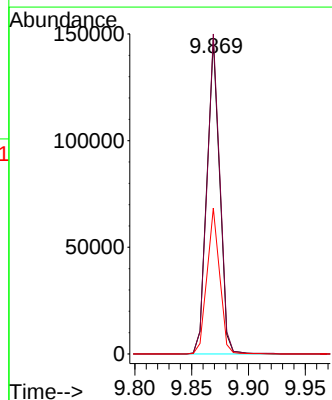
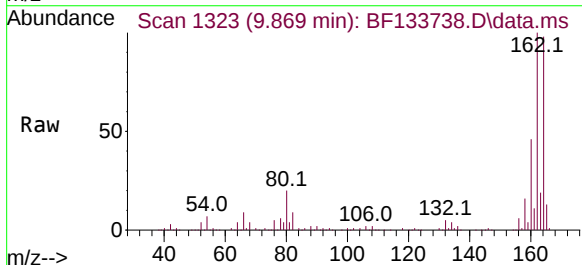
Tgt Ion:164 Resp: 115601

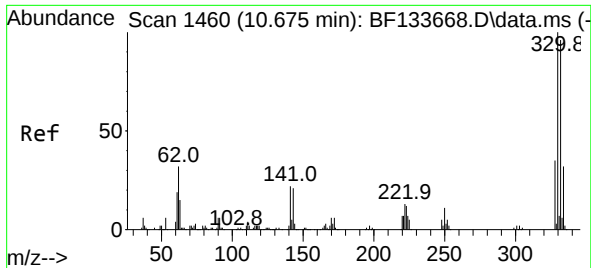
Ion Ratio Lower Upper

164 100

162 101.9 80.8 121.2

160 46.4 36.7 55.1

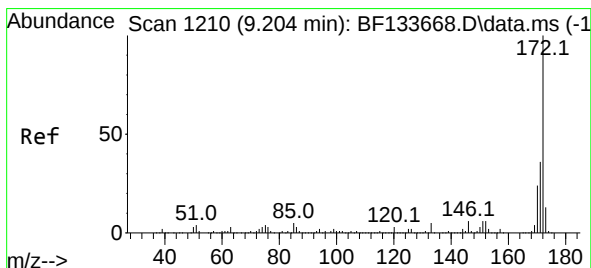
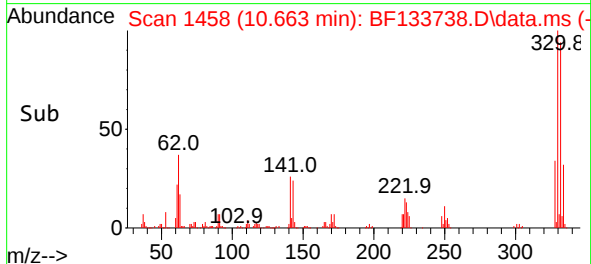
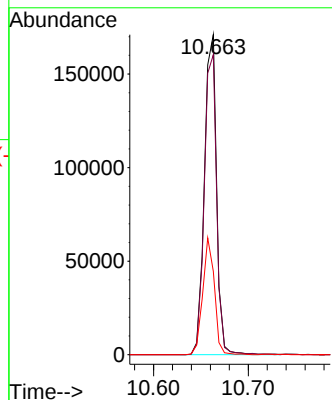
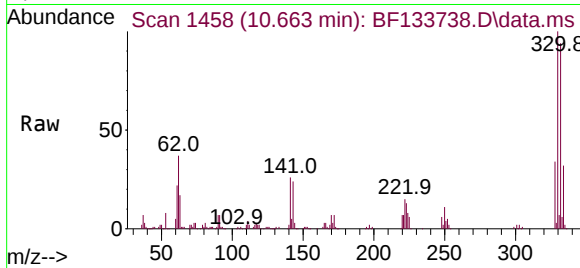




#42
2,4,6-Tribromophenol
Concen: 104.142 ng
RT: 10.663 min Scan# 1458
Delta R.T. -0.006 min
Lab File: BF133738.D
Acq: 13 Jun 2023 19:02

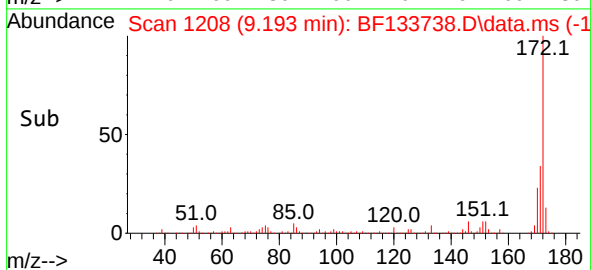
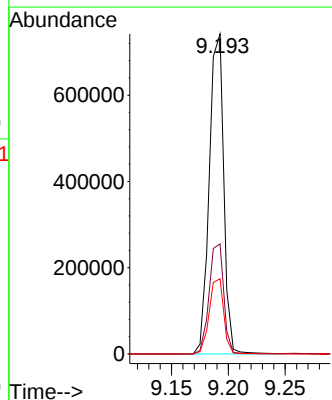
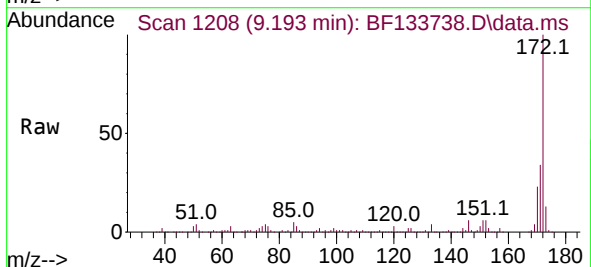
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Tgt Ion: 330 Resp: 152391
Ion Ratio Lower Upper
330 100
332 95.5 77.2 115.8
141 35.0 24.9 37.3



#45
2-Fluorobiphenyl
Concen: 80.741 ng
RT: 9.193 min Scan# 1208
Delta R.T. -0.005 min
Lab File: BF133738.D
Acq: 13 Jun 2023 19:02

Tgt Ion: 172 Resp: 656606
Ion Ratio Lower Upper
172 100
171 34.4 28.6 43.0
170 23.5 19.1 28.7

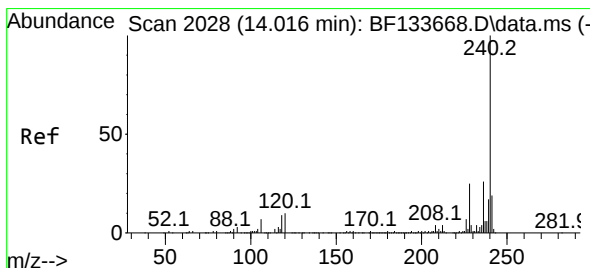
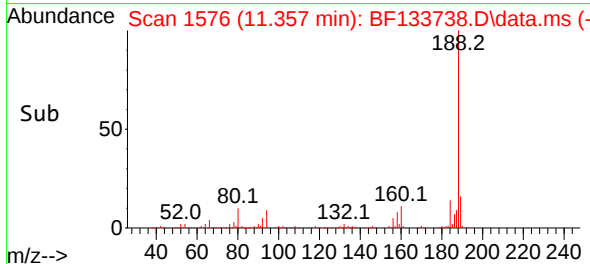
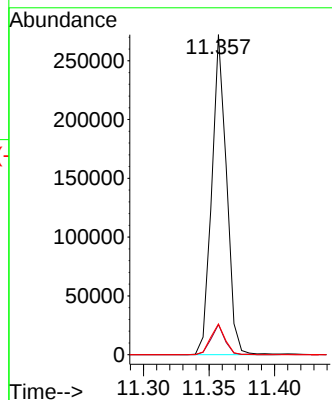
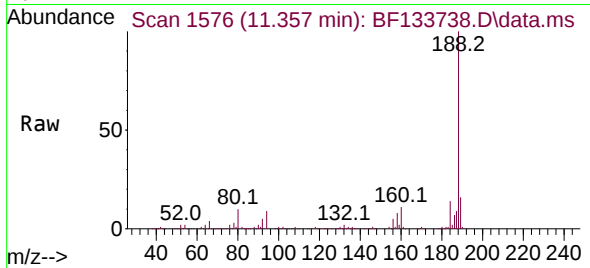




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.357 min Scan# 11
Delta R.T. -0.011 min
Lab File: BF133738.D
Acq: 13 Jun 2023 19:02

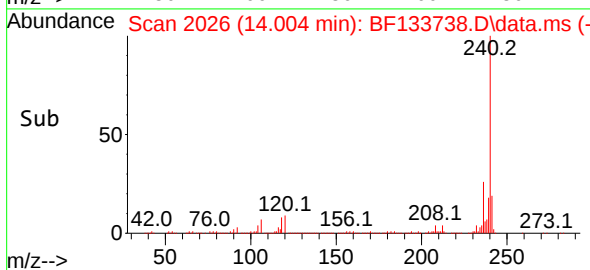
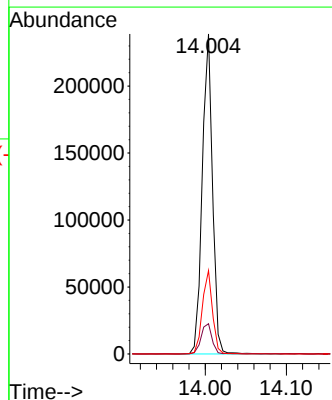
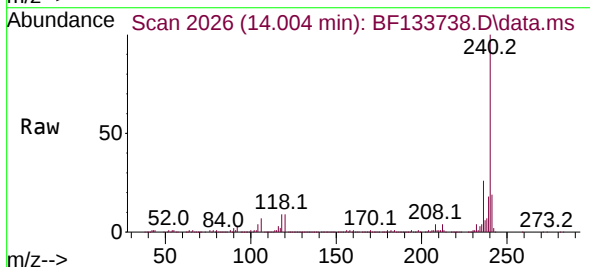
Instrument :
BNA_F
ClientSampleId :
TWP08

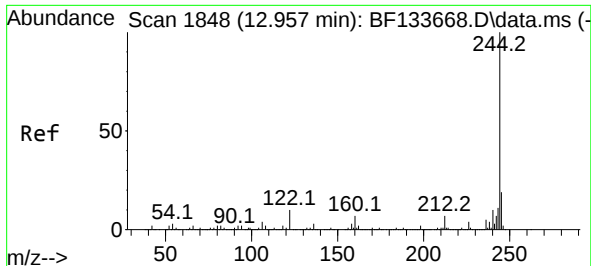
Tgt Ion:188 Resp: 213842
Ion Ratio Lower Upper
188 100
94 9.4 6.8 10.2
80 9.6 7.8 11.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.004 min Scan# 2026
Delta R.T. -0.011 min
Lab File: BF133738.D
Acq: 13 Jun 2023 19:02

Tgt Ion:240 Resp: 209726
Ion Ratio Lower Upper
240 100
120 9.5 8.1 12.1
236 26.1 20.5 30.7

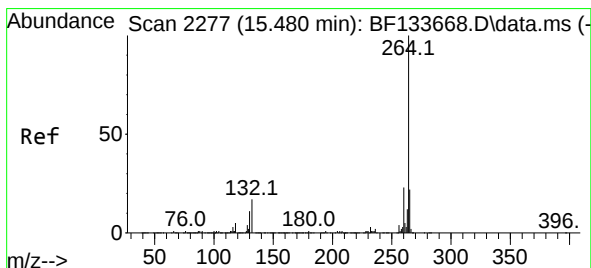
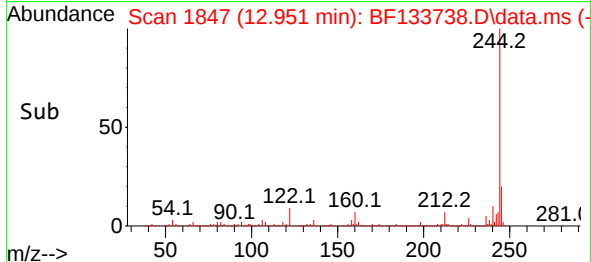
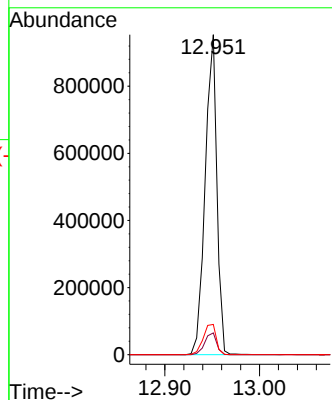
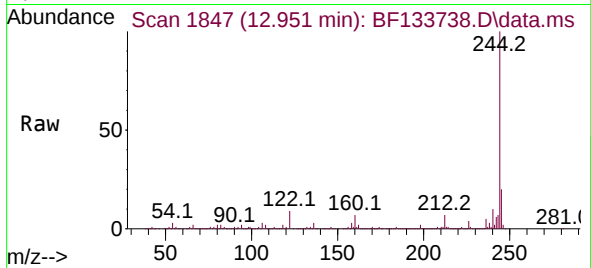




#79
 Terphenyl-d14
 Concen: 60.330 ng
 RT: 12.951 min Scan# 1847
 Delta R.T. -0.005 min
 Lab File: BF133738.D
 Acq: 13 Jun 2023 19:02

Instrument :
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Tgt Ion:244 Resp: 817703
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.4 8.2
 122 9.4 8.1 12.1



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.463 min Scan# 2274
 Delta R.T. -0.017 min
 Lab File: BF133738.D
 Acq: 13 Jun 2023 19:02

Tgt Ion:264 Resp: 145340
 Ion Ratio Lower Upper
 264 100
 260 24.5 18.2 27.2
 265 21.8 17.8 26.6

