

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021423\
 Data File : BM038734.D
 Acq On : 14 Feb 2023 17:33
 Operator : CG/JU
 Sample : 01329-16
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 COMP-9-BORING-2-28-35

Quant Time: Feb 15 02:09:20 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM020123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 15 02:07:17 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.898	152	44604	20.000	ng	0.00
21) Naphthalene-d8	10.710	136	144793	20.000	ng	0.00
39) Acenaphthene-d10	14.539	164	90584	20.000	ng	0.00
64) Phenanthrene-d10	17.286	188	182127	20.000	ng	0.00
76) Chrysene-d12	21.462	240	167791	20.000	ng	0.00
86) Perylene-d12	23.844	264	226643	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.457	112	252933	111.083	ng	0.00
7) Phenol-d6	7.075	99	288612	111.135	ng	0.00
23) Nitrobenzene-d5	9.075	82	162285	63.662	ng	0.00
42) 2,4,6-Tribromophenol	16.033	330	121565	98.734	ng	0.00
45) 2-Fluorobiphenyl	13.163	172	413951	58.178	ng	0.00
79) Terphenyl-d14	19.903	244	510812	53.723	ng	0.00

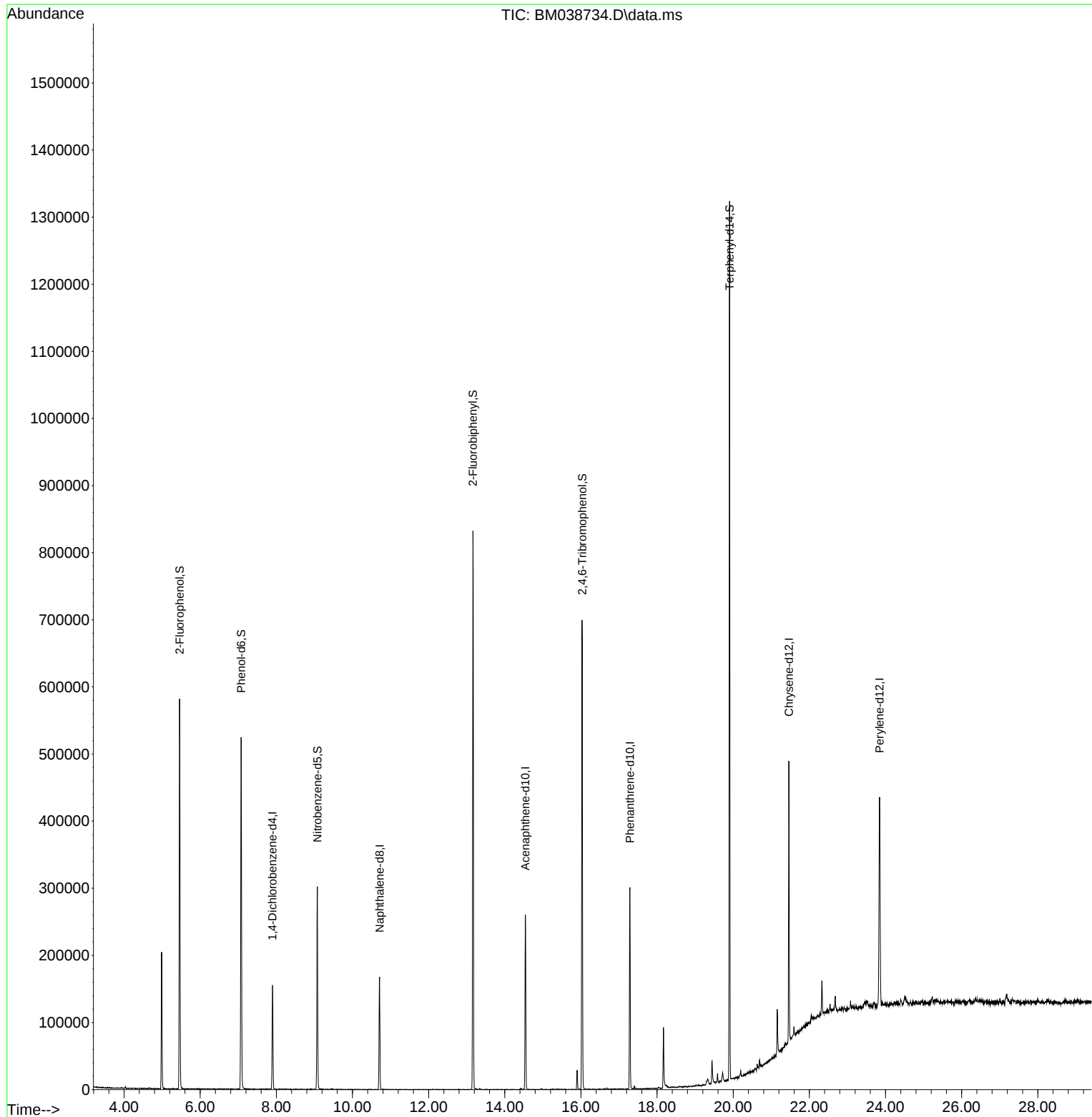
Target Compounds	Qvalue

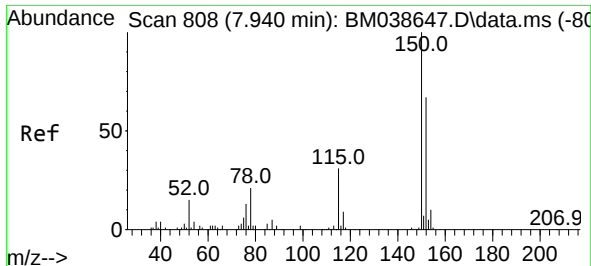
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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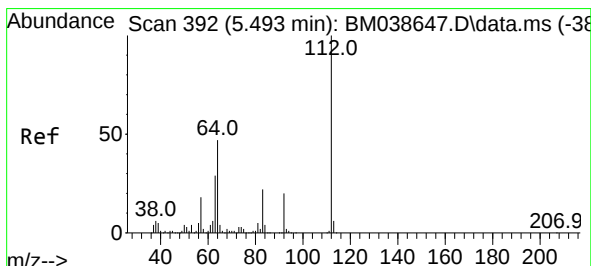
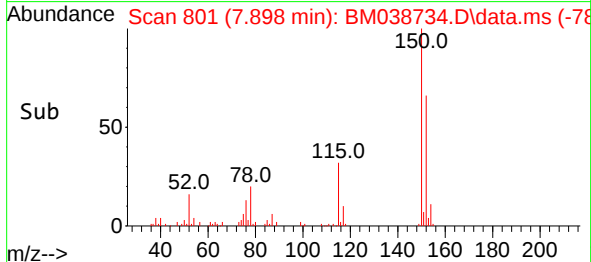
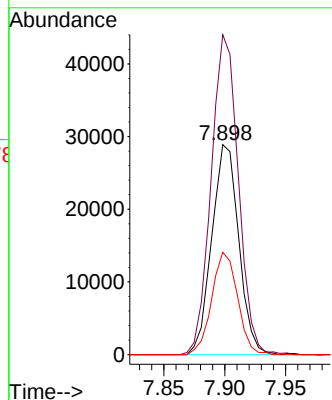
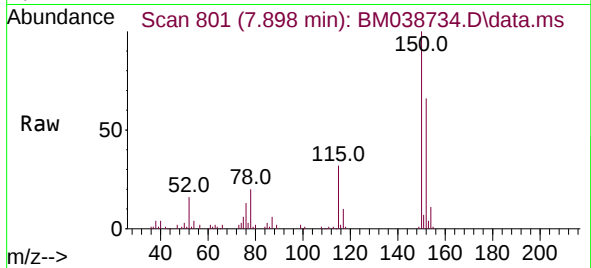




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.898 min Scan# 80
Delta R.T. 0.000 min
Lab File: BM038734.D
Acq: 14 Feb 2023 17:33

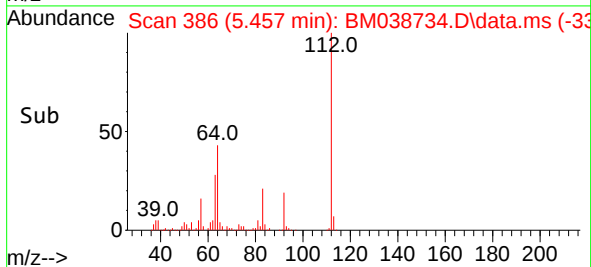
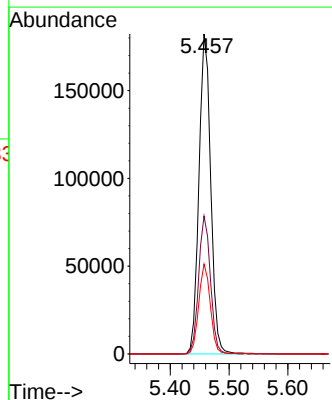
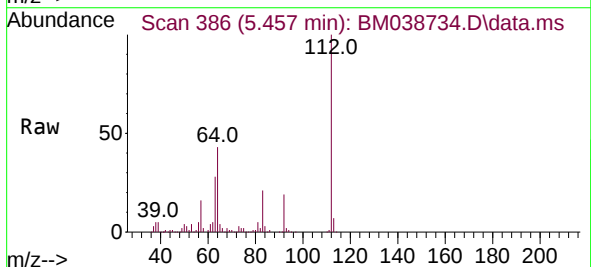
Instrument :
BNA_M
ClientSampleId :
COMP-9-BORING-2-28-35

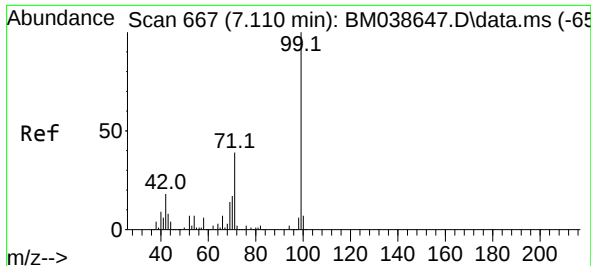
Tgt Ion:152 Resp: 44604
Ion Ratio Lower Upper
152 100
150 152.3 119.5 179.3
115 48.7 37.6 56.4



#5
2-Fluorophenol
Concen: 111.083 ng
RT: 5.457 min Scan# 386
Delta R.T. 0.000 min
Lab File: BM038734.D
Acq: 14 Feb 2023 17:33

Tgt Ion:112 Resp: 252933
Ion Ratio Lower Upper
112 100
64 43.1 37.9 56.9
63 28.1 23.3 34.9

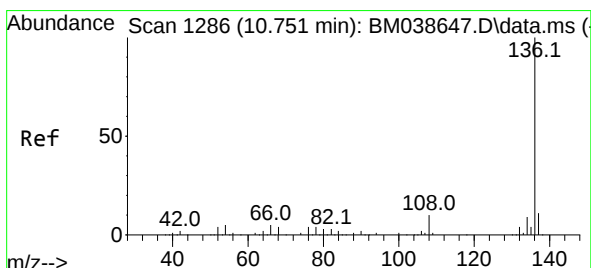
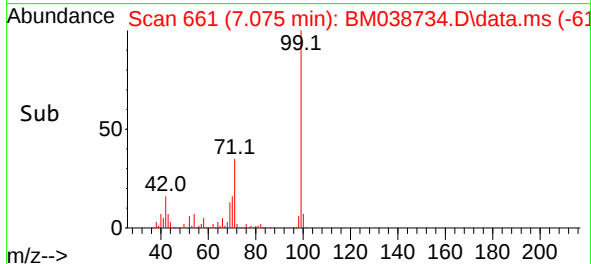
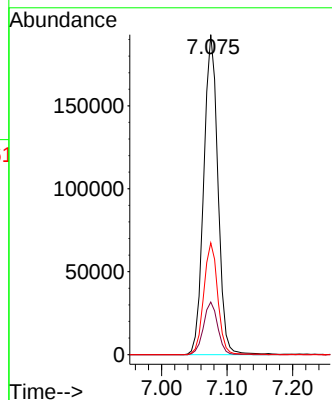
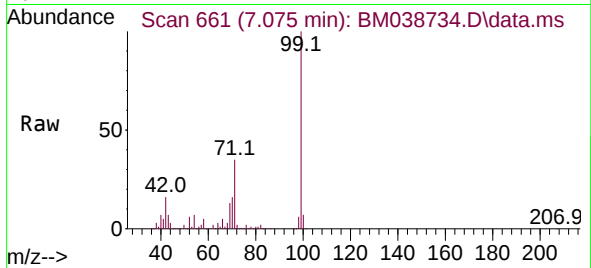




#7
Phenol-d6
Concen: 111.135 ng
RT: 7.075 min Scan# 60
Delta R.T. -0.006 min
Lab File: BM038734.D
Acq: 14 Feb 2023 17:33

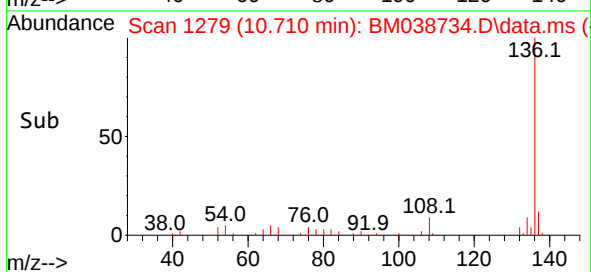
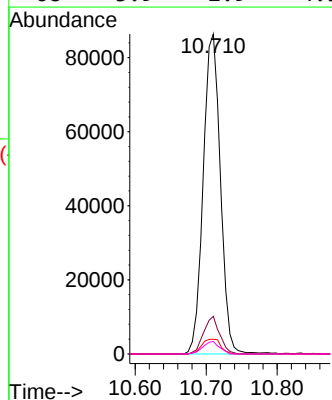
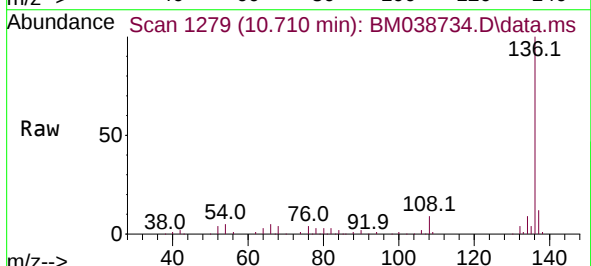
Instrument :
BNA_M
ClientSampleId :
COMP-9-BORING-2-28-35

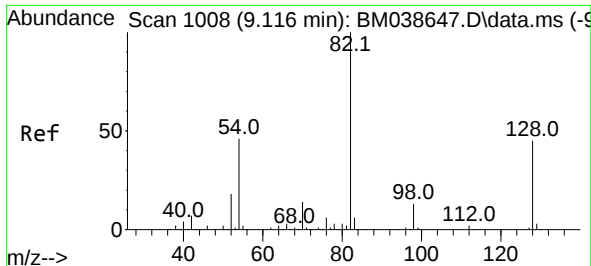
Tgt Ion: 99 Resp: 288612
Ion Ratio Lower Upper
99 100
42 16.4 14.6 22.0
71 34.9 31.0 46.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.710 min Scan# 1279
Delta R.T. 0.000 min
Lab File: BM038734.D
Acq: 14 Feb 2023 17:33

Tgt Ion: 136 Resp: 144793
Ion Ratio Lower Upper
136 100
137 11.7 8.8 13.2
54 4.6 4.2 6.4
68 3.9 2.9 4.3

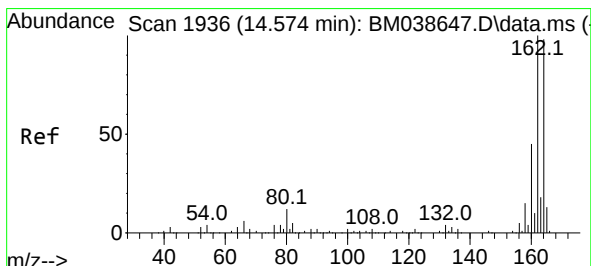
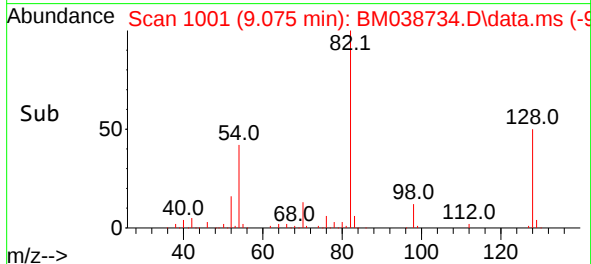
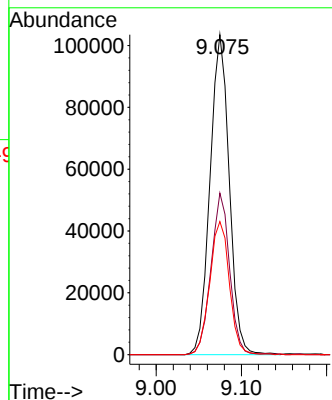
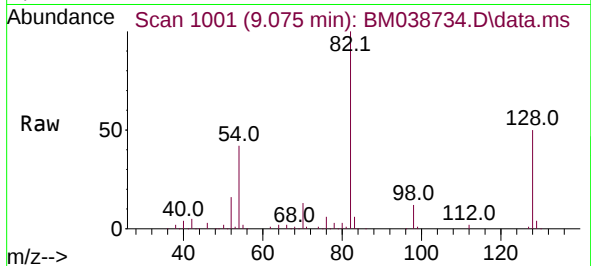




#23
Nitrobenzene-d5
Concen: 63.662 ng
RT: 9.075 min Scan# 10
Delta R.T. -0.006 min
Lab File: BM038734.D
Acq: 14 Feb 2023 17:33

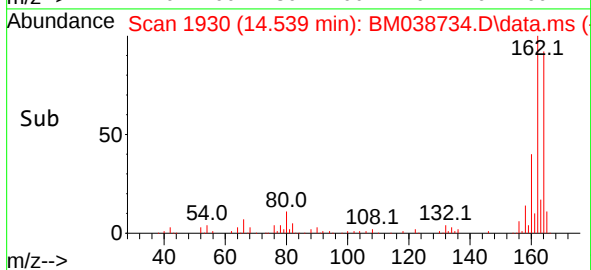
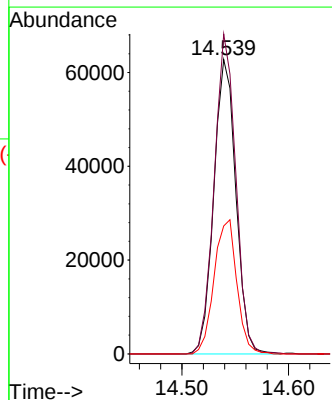
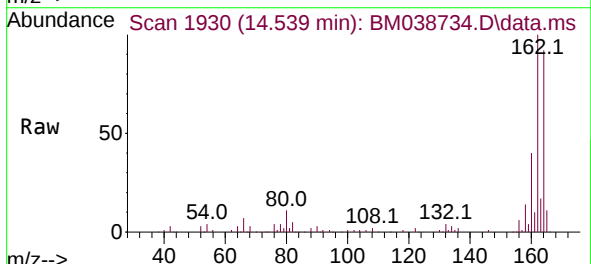
Instrument :
BNA_M
ClientSampleId :
COMP-9-BORING-2-28-35

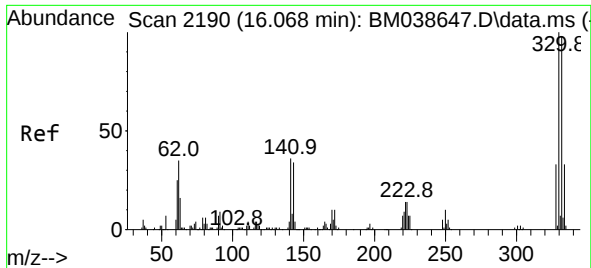
Tgt Ion: 82 Resp: 162285
Ion Ratio Lower Upper
82 100
128 50.5 36.0 54.0
54 41.6 36.8 55.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.539 min Scan# 1930
Delta R.T. -0.006 min
Lab File: BM038734.D
Acq: 14 Feb 2023 17:33

Tgt Ion: 164 Resp: 90584
Ion Ratio Lower Upper
164 100
162 108.7 81.4 122.0
160 43.5 36.5 54.7

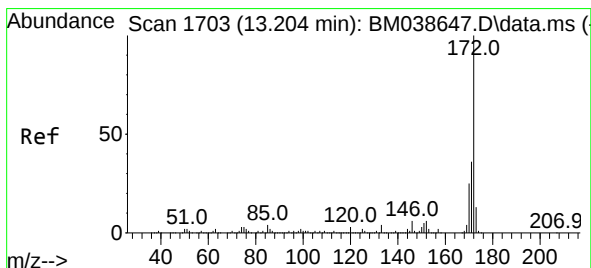
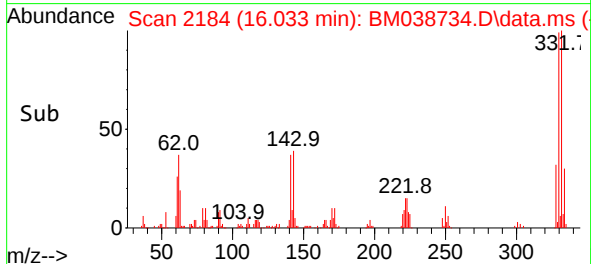
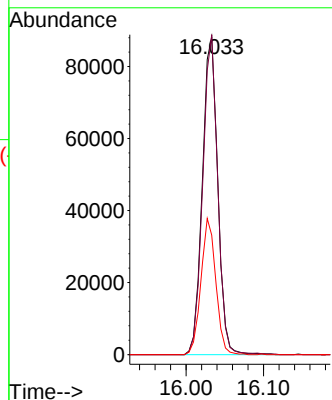
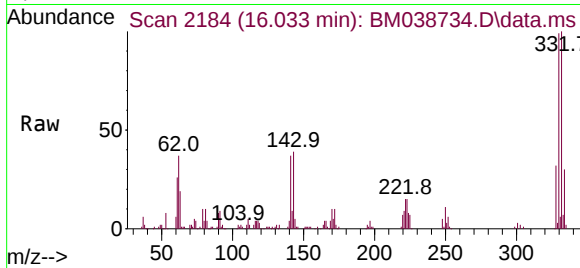




#42
2,4,6-Tribromophenol
Concen: 98.734 ng
RT: 16.033 min Scan# 2190
Delta R.T. 0.000 min
Lab File: BM038734.D
Acq: 14 Feb 2023 17:33

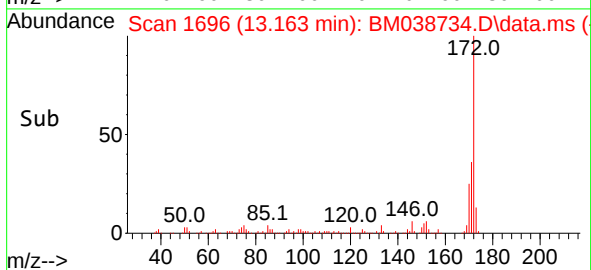
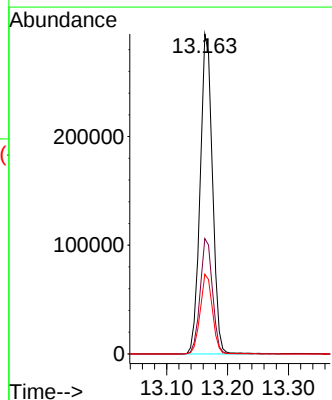
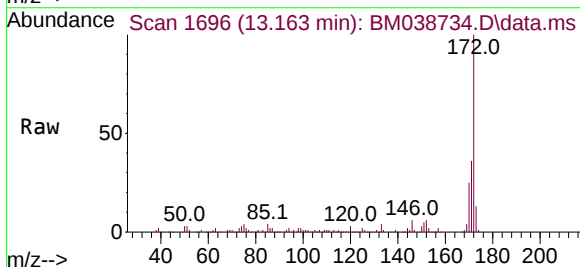
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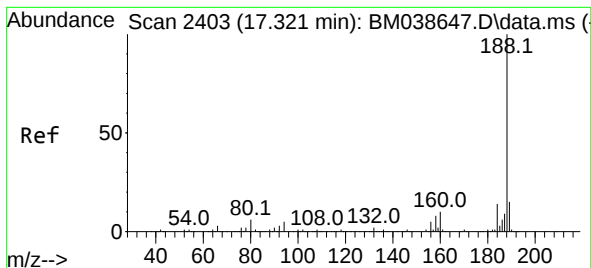
Tgt Ion:330 Resp: 121565
Ion Ratio Lower Upper
330 100
332 97.8 77.8 116.6
141 41.2 31.0 46.6



#45
2-Fluorobiphenyl
Concen: 58.178 ng
RT: 13.163 min Scan# 1696
Delta R.T. -0.006 min
Lab File: BM038734.D
Acq: 14 Feb 2023 17:33

Tgt Ion:172 Resp: 413951
Ion Ratio Lower Upper
172 100
171 36.0 28.7 43.1
170 24.9 20.0 30.0





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.286 min Scan# 231

Delta R.T. 0.000 min

Lab File: BM038734.D

Acq: 14 Feb 2023 17:33

Instrument :

BNA_M

ClientSampleId :

COMP-9-BORING-2-28-35

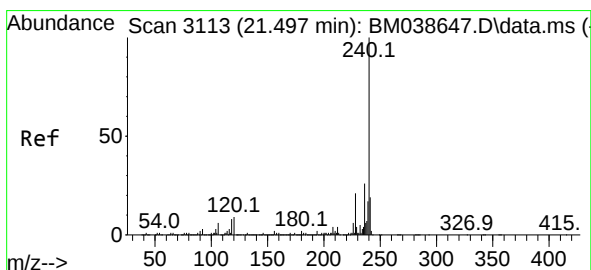
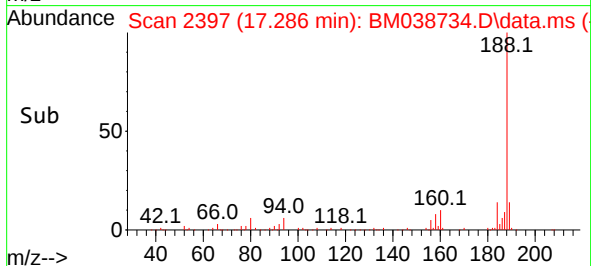
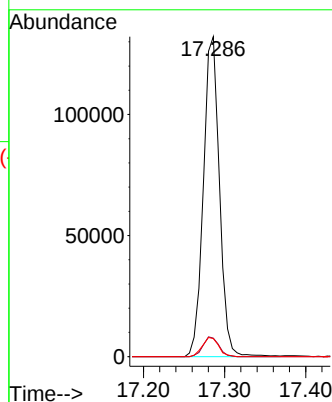
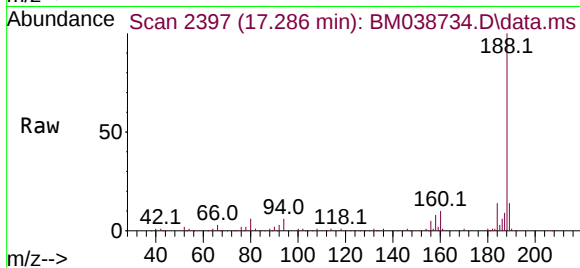
Tgt Ion:188 Resp: 182127

Ion Ratio Lower Upper

188 100

94 5.8 4.2 6.4

80 5.6 4.6 7.0



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.462 min Scan# 3107

Delta R.T. 0.000 min

Lab File: BM038734.D

Acq: 14 Feb 2023 17:33

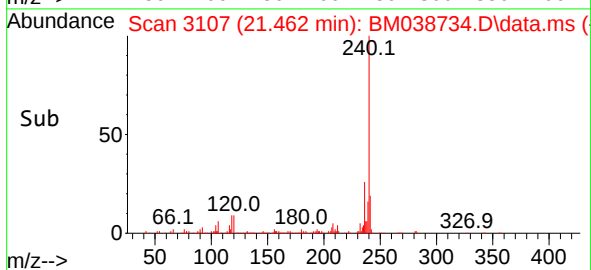
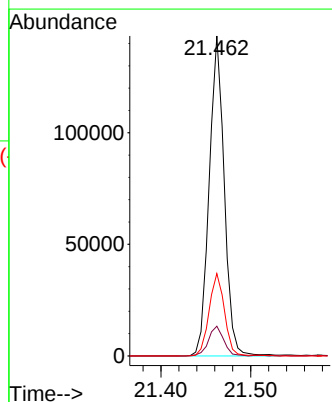
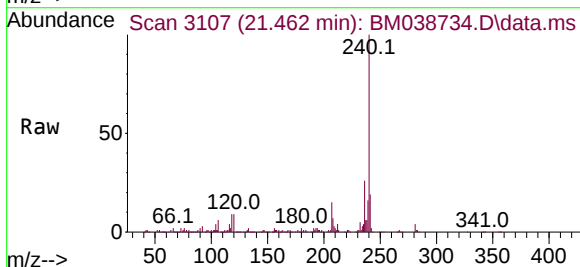
Tgt Ion:240 Resp: 167791

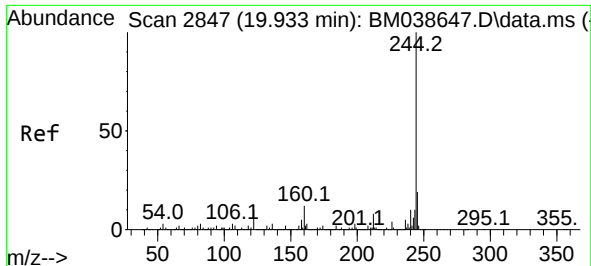
Ion Ratio Lower Upper

240 100

120 9.3 7.0 10.4

236 25.7 20.9 31.3

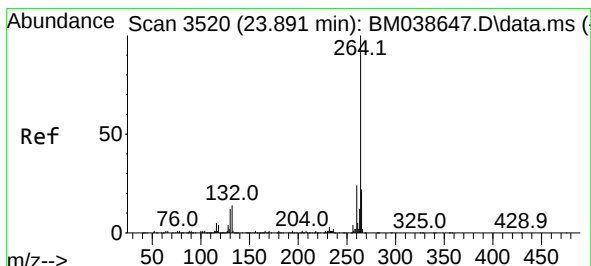
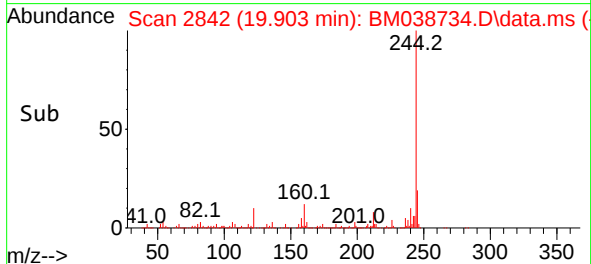
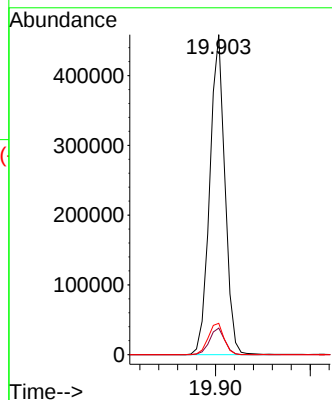
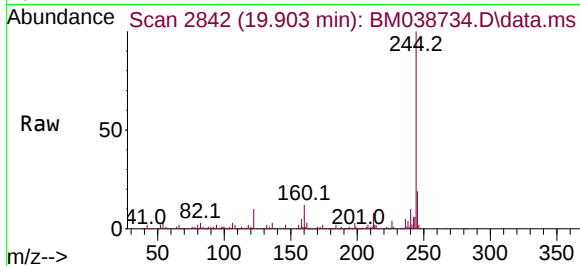




#79
 Terphenyl-d14
 Concen: 53.723 ng
 RT: 19.903 min Scan# 2847
 Delta R.T. 0.000 min
 Lab File: BM038734.D
 Acq: 14 Feb 2023 17:33

Instrument :
 BNA_M
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 COMP-9-BORING-2-28-35

Tgt Ion:244 Resp: 510812
 Ion Ratio Lower Upper
 244 100
 212 8.3 6.6 9.8
 122 9.8 7.8 11.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.844 min Scan# 3512
 Delta R.T. 0.006 min
 Lab File: BM038734.D
 Acq: 14 Feb 2023 17:33

Tgt Ion:264 Resp: 226643
 Ion Ratio Lower Upper
 264 100
 260 25.1 19.6 29.4
 265 22.4 17.9 26.9

