

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM020223\
 Data File : BM038663.D
 Acq On : 02 Feb 2023 14:58
 Operator : CG/JU
 Sample : 01285-02
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 B-07-SB02

Quant Time: Feb 03 05:34:54 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM020123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 02 03:31:45 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.928	152	88808	20.000	ng	-0.01
21) Naphthalene-d8	10.739	136	286627	20.000	ng	-0.01
39) Acenaphthene-d10	14.569	164	188119	20.000	ng	0.00
64) Phenanthrene-d10	17.310	188	353109	20.000	ng	-0.01
76) Chrysene-d12	21.486	240	253141	20.000	ng	-0.01
86) Perylene-d12	23.886	264	321107	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.499	112	534813	117.968	ng	0.00
7) Phenol-d6	7.116	99	594838	115.042	ng	0.00
23) Nitrobenzene-d5	9.104	82	357216	70.789	ng	-0.01
42) 2,4,6-Tribromophenol	16.063	330	291927	114.170	ng	0.00
45) 2-Fluorobiphenyl	13.192	172	1082957	73.289	ng	-0.01
79) Terphenyl-d14	19.927	244	1123393	78.313	ng	0.00

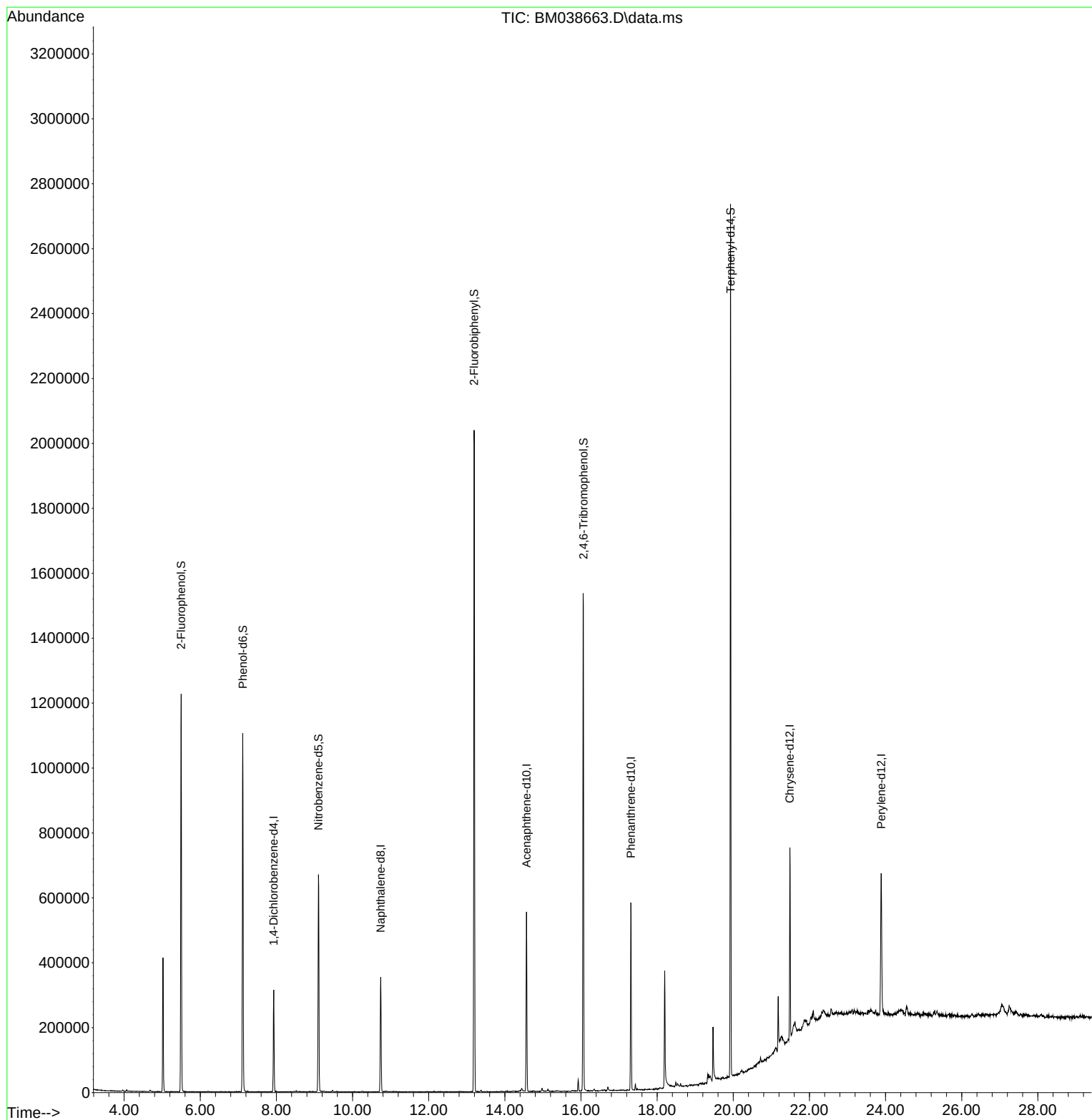
Target Compounds	Qvalue

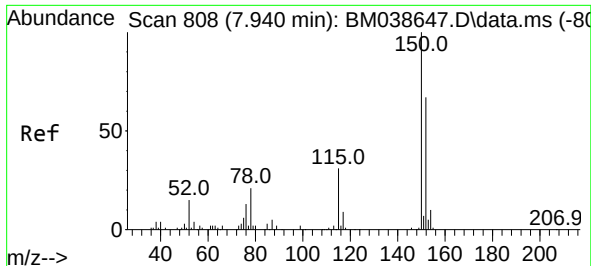
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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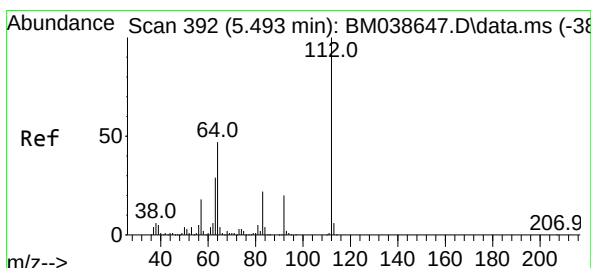
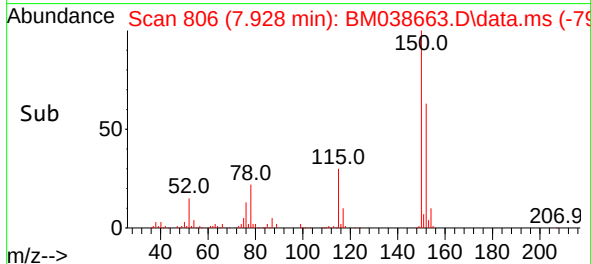
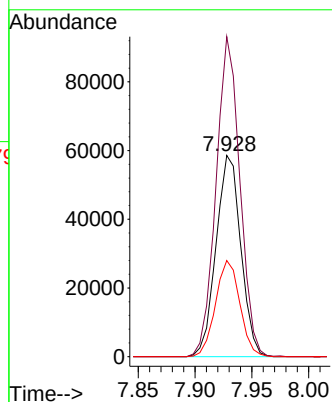
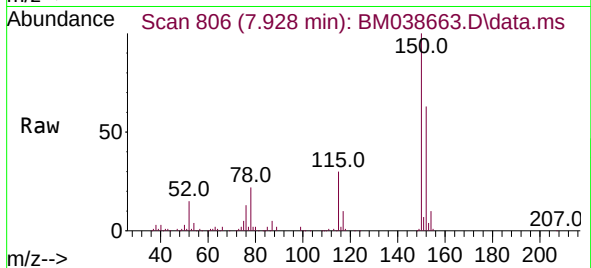




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.928 min Scan# 808
Delta R.T. -0.012 min
Lab File: BM038663.D
Acq: 02 Feb 2023 14:58

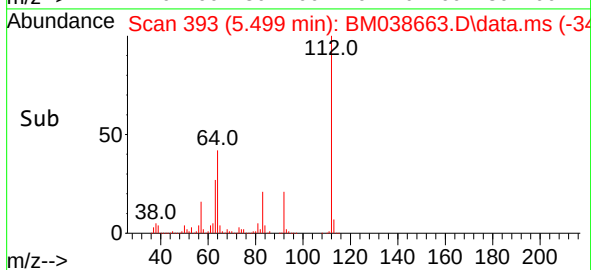
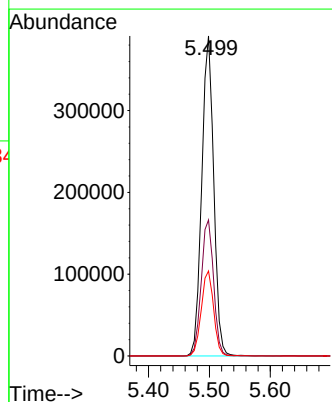
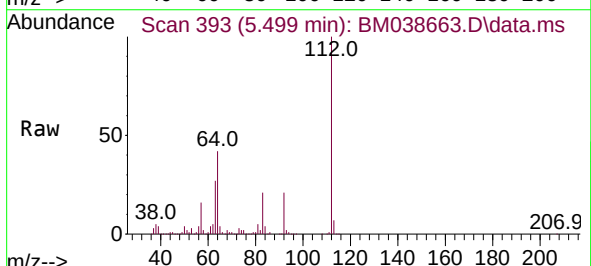
Instrument :
BNA_M
ClientSampleId :
B-07-SB02

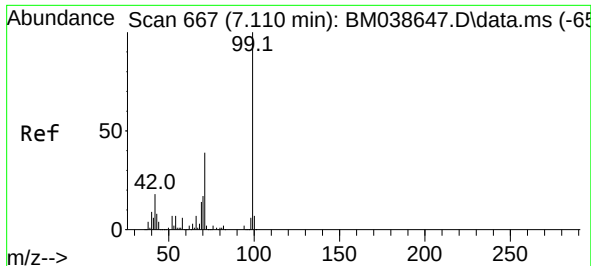
Tgt Ion:152 Resp: 88808
Ion Ratio Lower Upper
152 100
150 159.0 119.5 179.3
115 47.8 37.6 56.4



#5
2-Fluorophenol
Concen: 117.968 ng
RT: 5.499 min Scan# 393
Delta R.T. 0.006 min
Lab File: BM038663.D
Acq: 02 Feb 2023 14:58

Tgt Ion:112 Resp: 534813
Ion Ratio Lower Upper
112 100
64 42.5 37.9 56.9
63 26.5 23.3 34.9

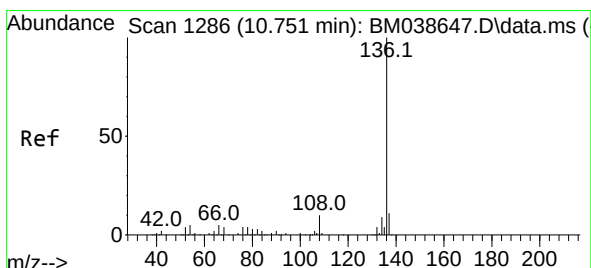
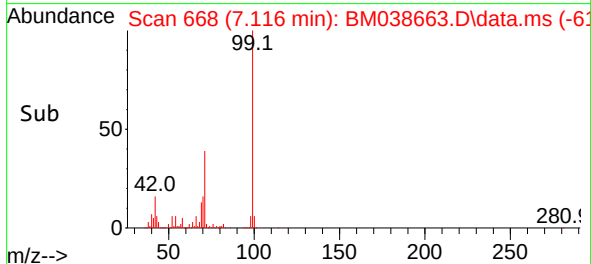
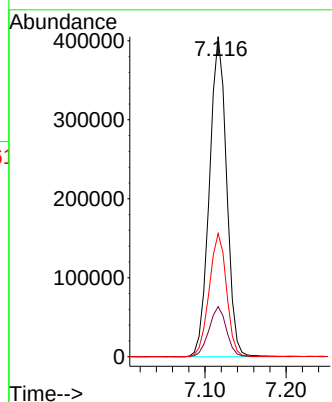
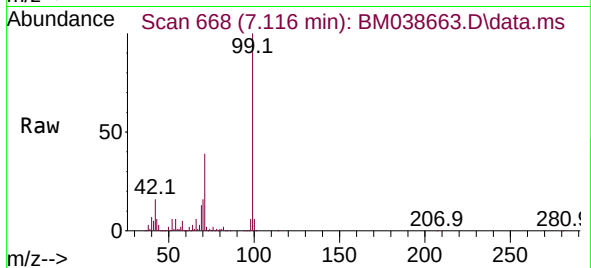




#7
Phenol-d6
Concen: 115.042 ng
RT: 7.116 min Scan# 60
Delta R.T. 0.006 min
Lab File: BM038663.D
Acq: 02 Feb 2023 14:58

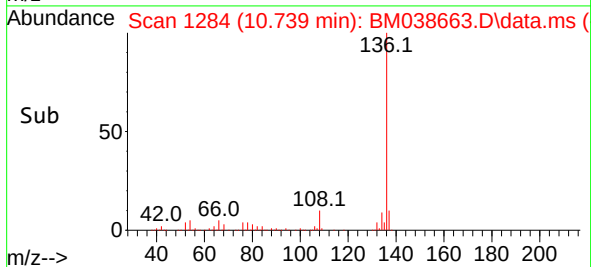
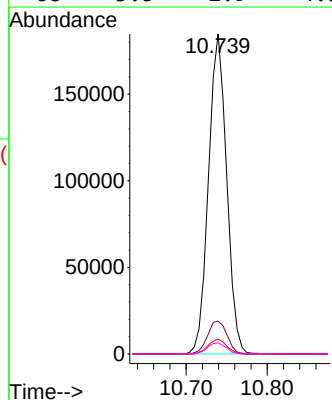
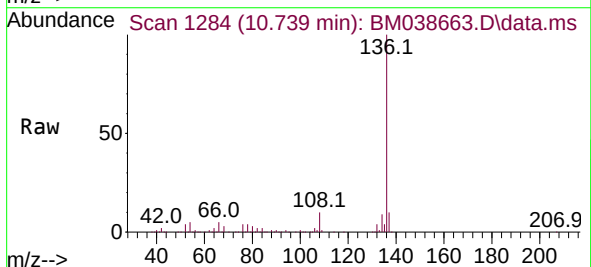
Instrument :
BNA_M
ClientSampleId :
B-07-SB02

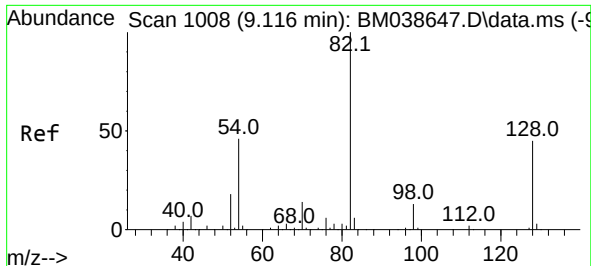
Tgt Ion: 99 Resp: 594838
Ion Ratio Lower Upper
99 100
42 15.7 14.6 22.0
71 38.5 31.0 46.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.739 min Scan# 1284
Delta R.T. -0.012 min
Lab File: BM038663.D
Acq: 02 Feb 2023 14:58

Tgt Ion: 136 Resp: 286627
Ion Ratio Lower Upper
136 100
137 10.3 8.8 13.2
54 4.7 4.2 6.4
68 3.5 2.9 4.3

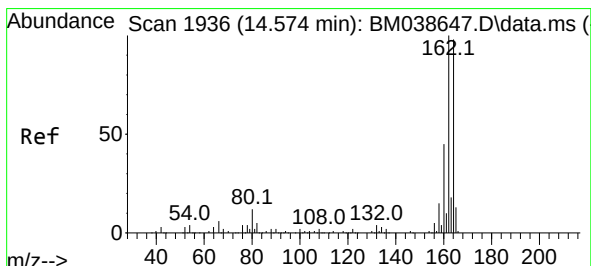
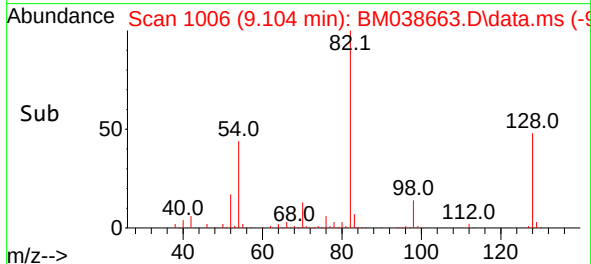
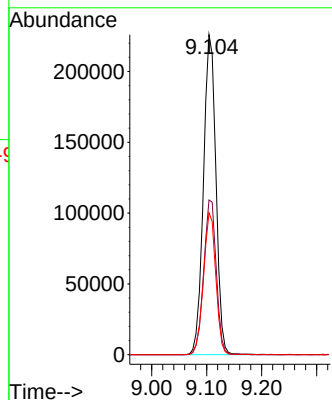
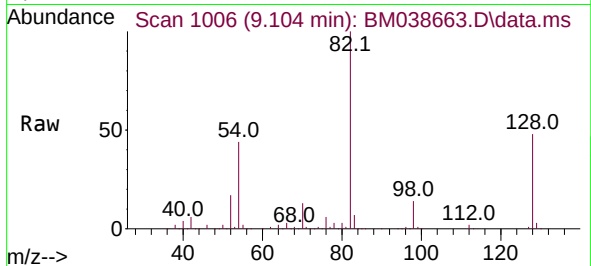




#23
Nitrobenzene-d5
Concen: 70.789 ng
RT: 9.104 min Scan# 1006
Delta R.T. -0.012 min
Lab File: BM038663.D
Acq: 02 Feb 2023 14:58

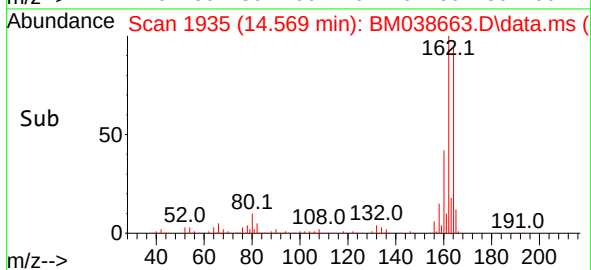
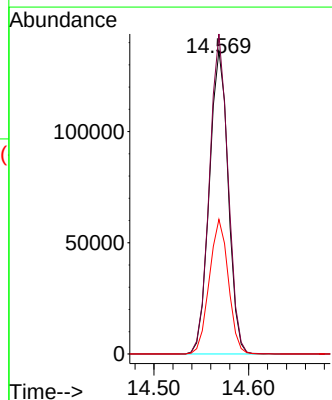
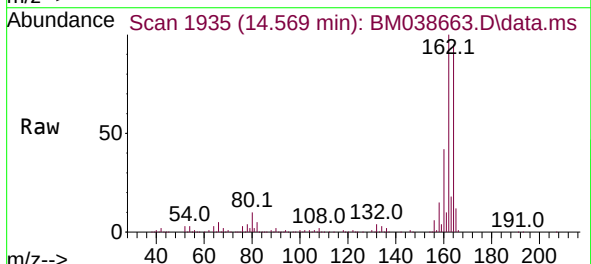
Instrument :
BNA_M
ClientSampleId :
B-07-SB02

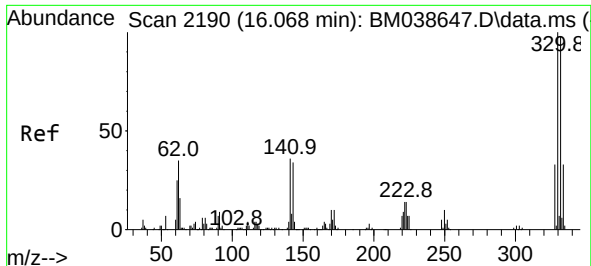
Tgt Ion: 82 Resp: 357216
Ion Ratio Lower Upper
82 100
128 48.3 36.0 54.0
54 44.4 36.8 55.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.569 min Scan# 1935
Delta R.T. -0.005 min
Lab File: BM038663.D
Acq: 02 Feb 2023 14:58

Tgt Ion:164 Resp: 188119
Ion Ratio Lower Upper
164 100
162 105.5 81.4 122.0
160 44.4 36.5 54.7





#42

2,4,6-Tribromophenol

Concen: 114.170 ng

RT: 16.063 min Scan# 21

Delta R.T. -0.005 min

Lab File: BM038663.D

Acq: 02 Feb 2023 14:58

Instrument :

BNA_M

ClientSampleId :

B-07-SB02

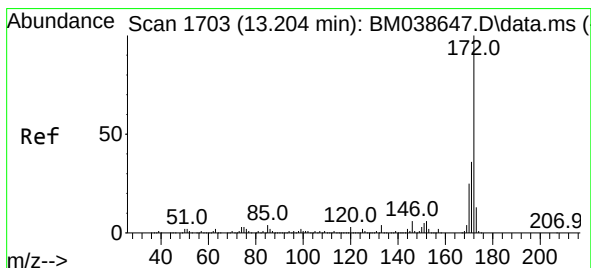
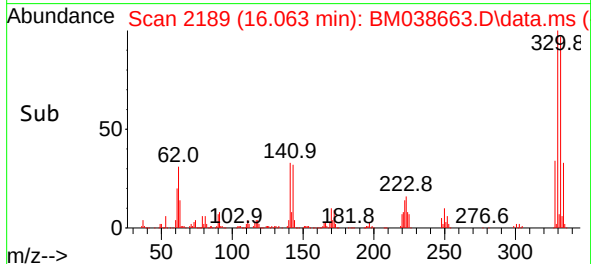
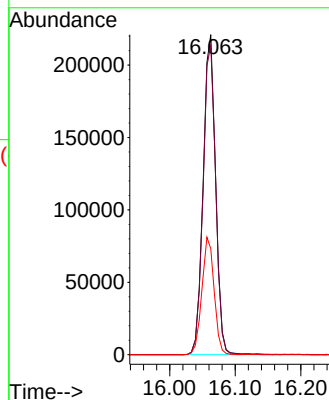
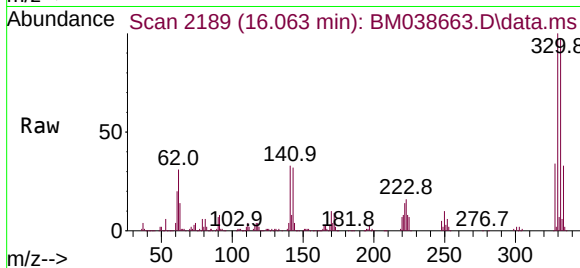
Tgt Ion:330 Resp: 291927

Ion Ratio Lower Upper

330 100

332 97.7 77.8 116.6

141 36.2 31.0 46.6



#45

2-Fluorobiphenyl

Concen: 73.289 ng

RT: 13.192 min Scan# 1701

Delta R.T. -0.012 min

Lab File: BM038663.D

Acq: 02 Feb 2023 14:58

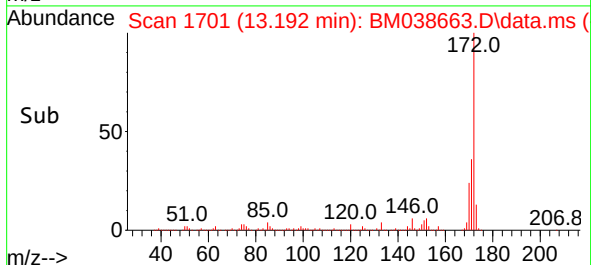
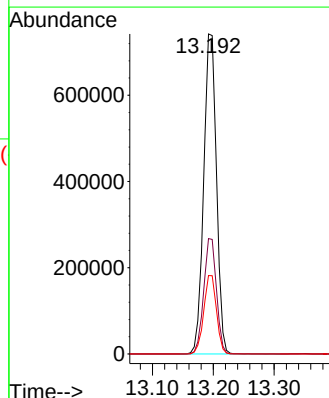
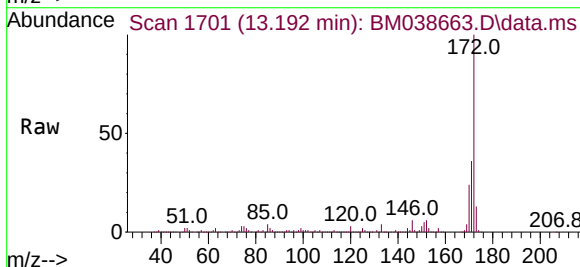
Tgt Ion:172 Resp: 1082957

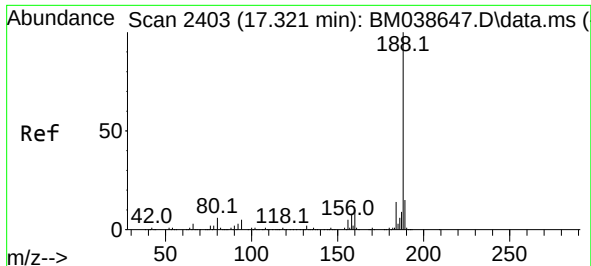
Ion Ratio Lower Upper

172 100

171 36.0 28.7 43.1

170 24.5 20.0 30.0

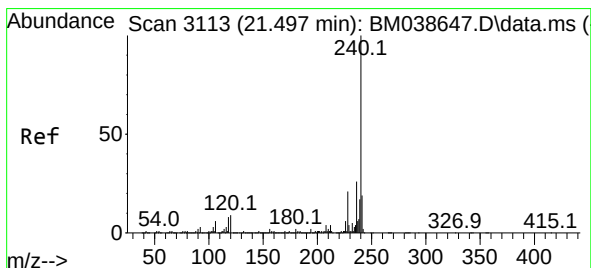
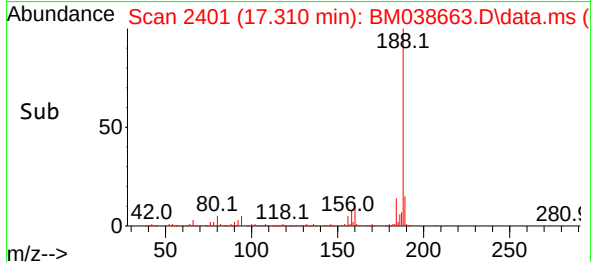
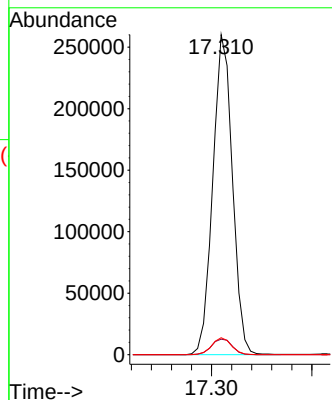
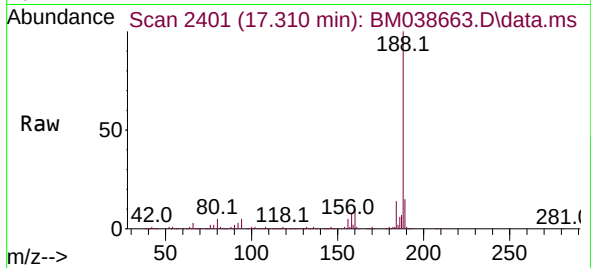




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.310 min Scan# 2403
Delta R.T. -0.012 min
Lab File: BM038663.D
Acq: 02 Feb 2023 14:58

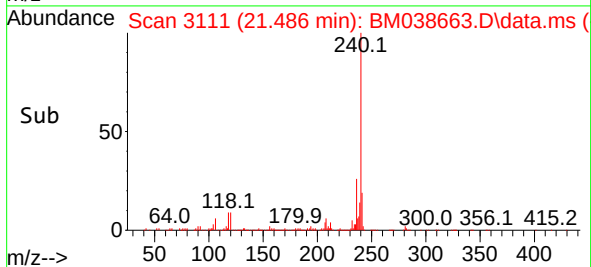
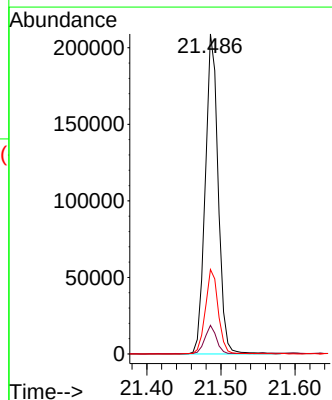
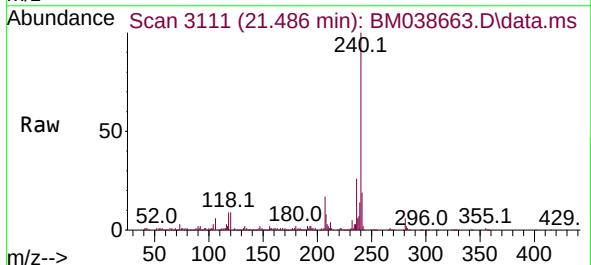
Instrument :
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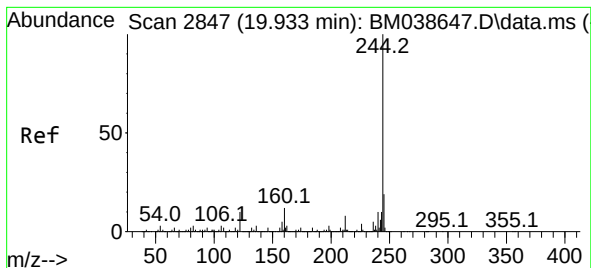
Tgt Ion:188 Resp: 353109
Ion Ratio Lower Upper
188 100
94 4.9 4.2 6.4
80 5.3 4.6 7.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.486 min Scan# 3111
Delta R.T. -0.012 min
Lab File: BM038663.D
Acq: 02 Feb 2023 14:58

Tgt Ion:240 Resp: 253141
Ion Ratio Lower Upper
240 100
120 9.0 7.0 10.4
236 26.4 20.9 31.3





#79

Terphenyl-d14

Concen: 78.313 ng

RT: 19.927 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM038663.D

Acq: 02 Feb 2023 14:58

Instrument :

BNA_M

ClientSampleId :

B-07-SB02

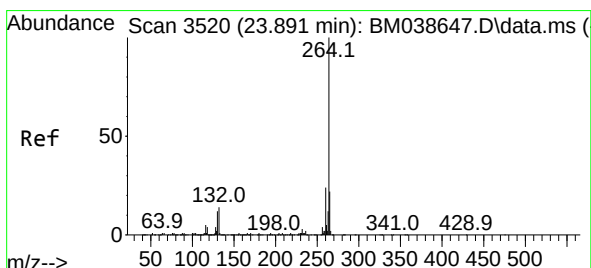
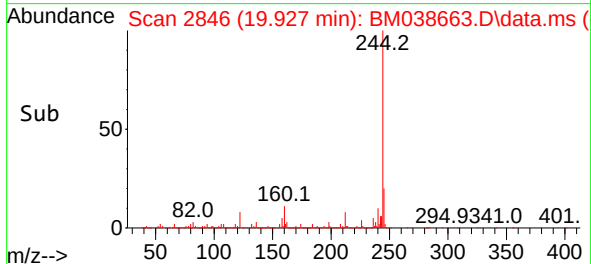
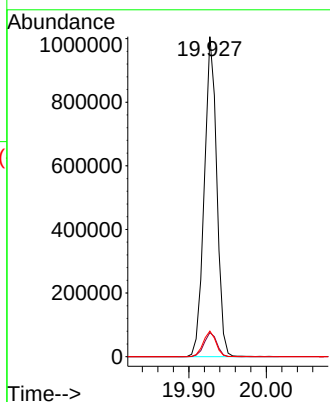
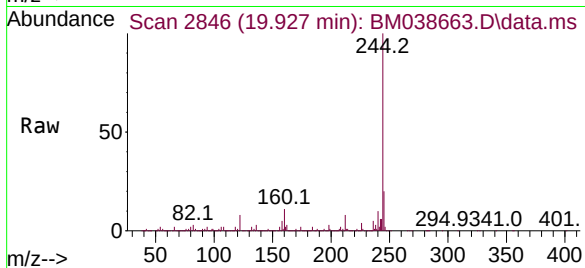
Tgt Ion:244 Resp: 1123393

Ion Ratio Lower Upper

244 100

212 7.5 6.6 9.8

122 8.0 7.8 11.8



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.886 min Scan# 3519

Delta R.T. -0.006 min

Lab File: BM038663.D

Acq: 02 Feb 2023 14:58

Tgt Ion:264 Resp: 321107

Ion Ratio Lower Upper

264 100

260 24.8 19.6 29.4

265 22.9 17.9 26.9

