

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM020323\
 Data File : BM038688.D
 Acq On : 03 Feb 2023 20:37
 Operator : CG/JU
 Sample : 01414-06
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SASP2-123-2(75-80)

Quant Time: Feb 04 05:22:12 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM020123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Feb 04 05:17:53 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.922	152	62589	20.000	ng	0.00
21) Naphthalene-d8	10.734	136	200905	20.000	ng	0.00
39) Acenaphthene-d10	14.563	164	140177	20.000	ng	0.00
64) Phenanthrene-d10	17.310	188	308946	20.000	ng	0.00
76) Chrysene-d12	21.480	240	271905	20.000	ng	-0.01
86) Perylene-d12	23.874	264	353858	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	317683	99.428	ng	0.00
7) Phenol-d6	7.104	99	367179	100.760	ng	0.00
23) Nitrobenzene-d5	9.098	82	212687	60.131	ng	0.00
42) 2,4,6-Tribromophenol	16.057	330	193281	101.443	ng	0.00
45) 2-Fluorobiphenyl	13.186	172	660368	59.975	ng	0.00
79) Terphenyl-d14	19.921	244	924995	60.032	ng	0.00

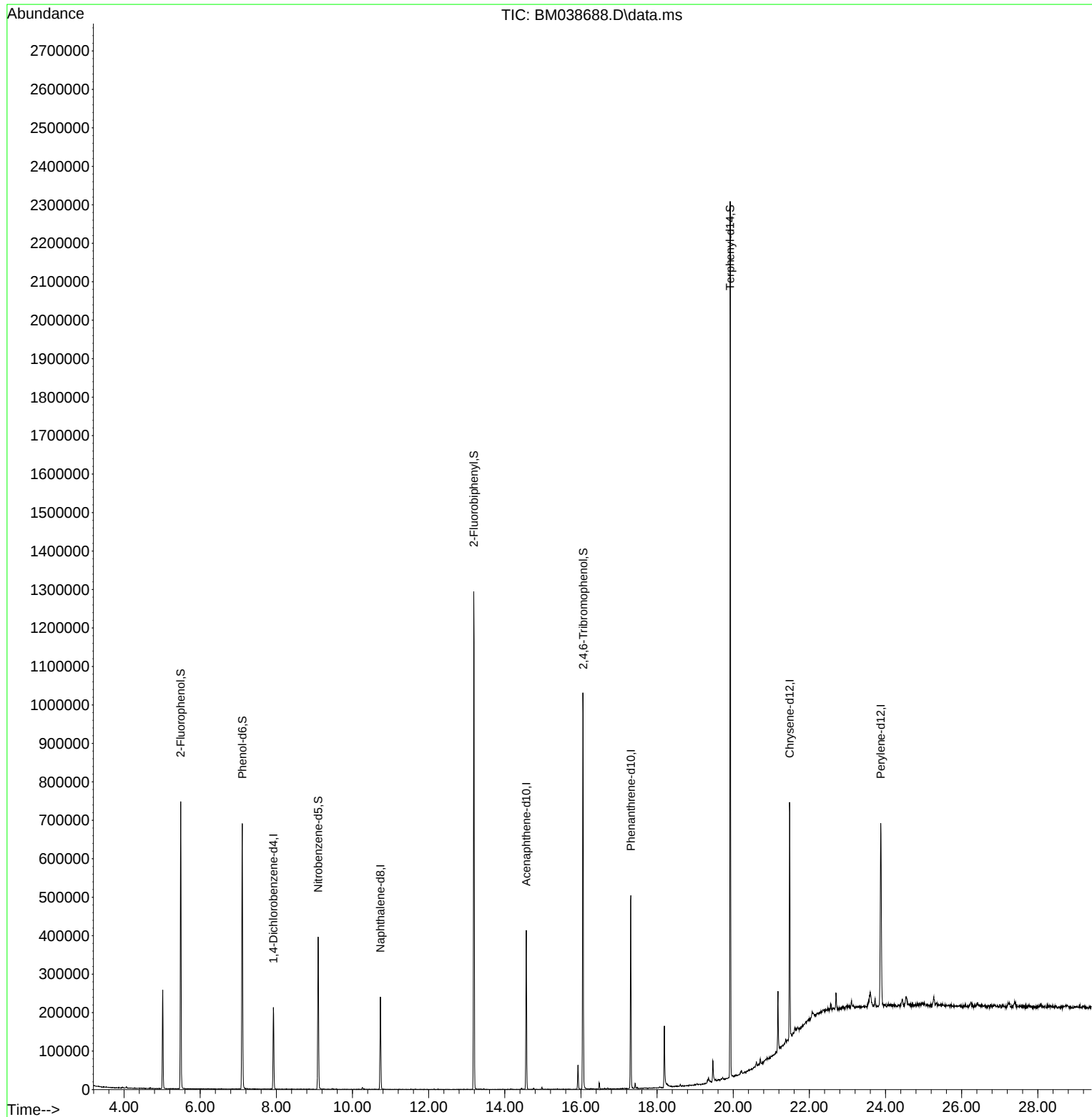
Target Compounds	Qvalue

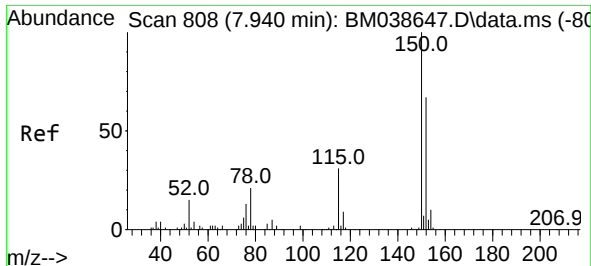
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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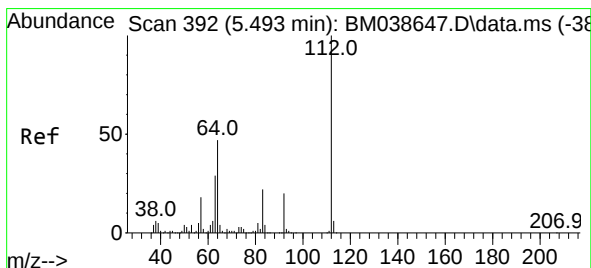
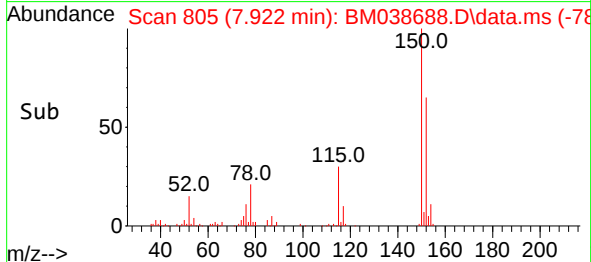
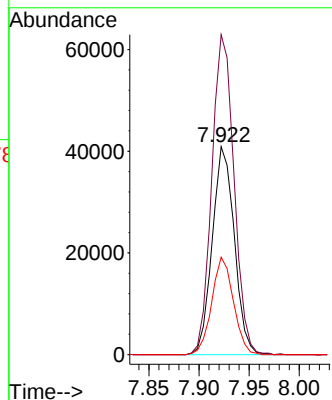
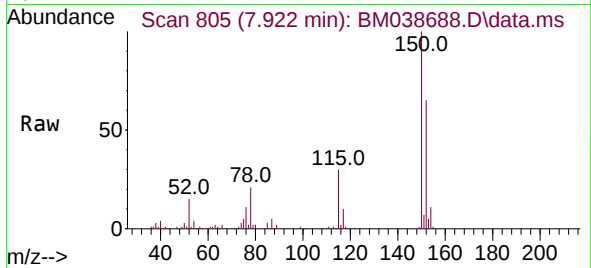




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.922 min Scan# 805
Delta R.T. 0.000 min
Lab File: BM038688.D
Acq: 03 Feb 2023 20:37

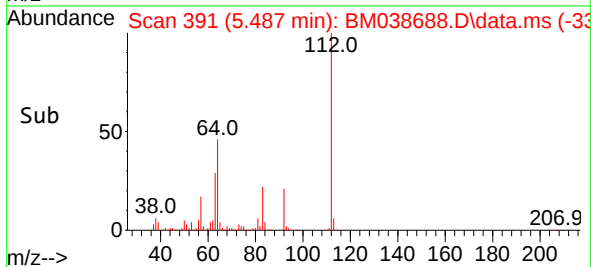
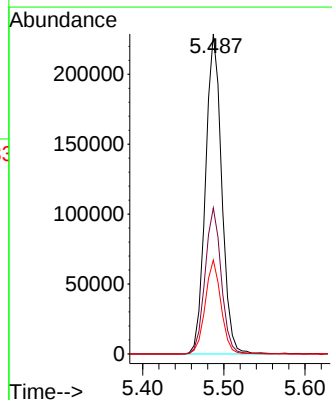
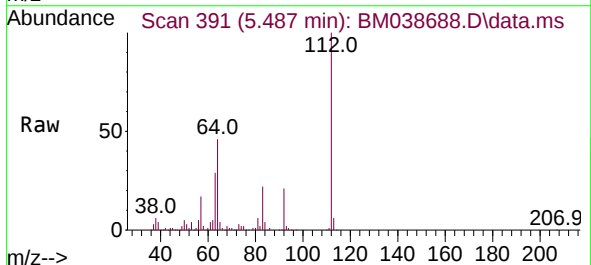
Instrument :
BNA_M
ClientSampleId :
SASP2-123-2(75-80)

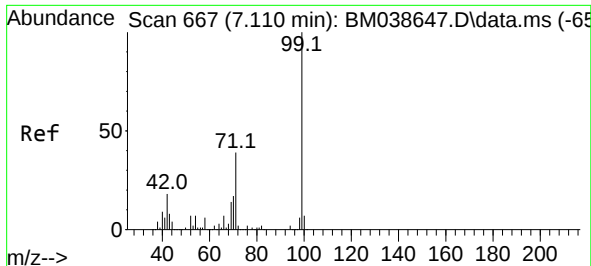
Tgt Ion:152 Resp: 62589
Ion Ratio Lower Upper
152 100
150 153.9 119.5 179.3
115 46.9 37.6 56.4



#5
2-Fluorophenol
Concen: 99.428 ng
RT: 5.487 min Scan# 391
Delta R.T. 0.006 min
Lab File: BM038688.D
Acq: 03 Feb 2023 20:37

Tgt Ion:112 Resp: 317683
Ion Ratio Lower Upper
112 100
64 45.6 37.9 56.9
63 29.3 23.3 34.9

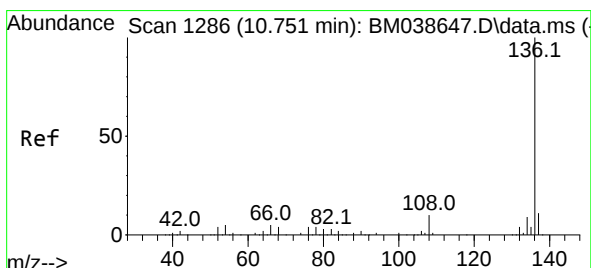
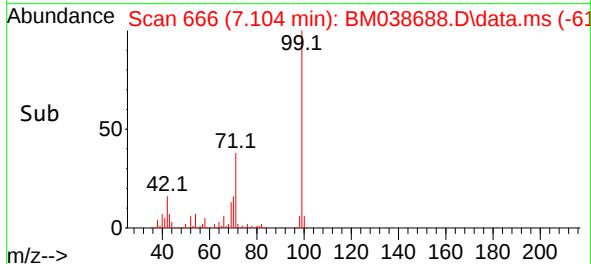
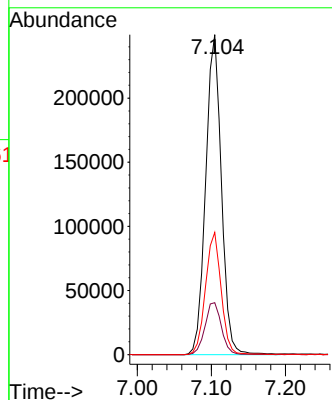
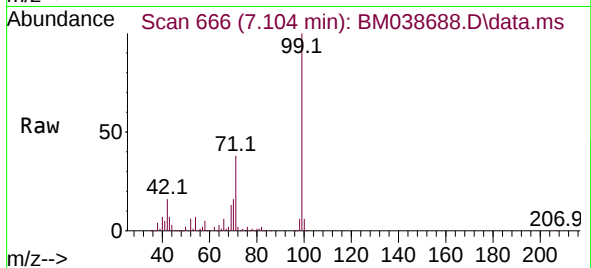




#7
Phenol-d6
Concen: 100.760 ng
RT: 7.104 min Scan# 60
Delta R.T. 0.006 min
Lab File: BM038688.D
Acq: 03 Feb 2023 20:37

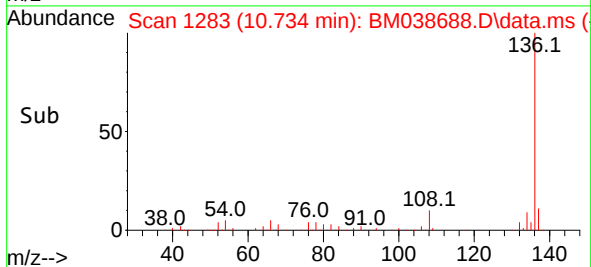
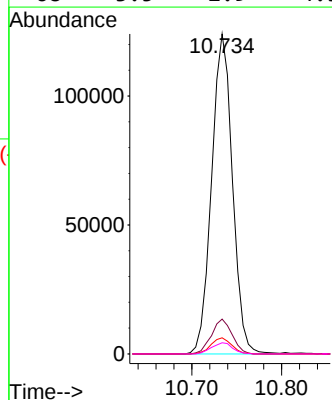
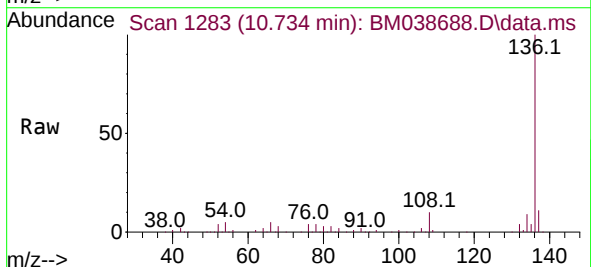
Instrument :
BNA_M
ClientSampleId :
SASP2-123-2(75-80)

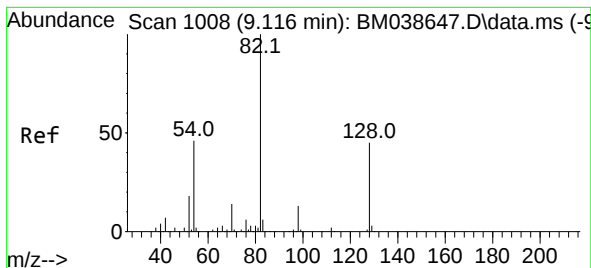
Tgt Ion: 99 Resp: 367179
Ion Ratio Lower Upper
99 100
42 16.2 14.6 22.0
71 38.2 31.0 46.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.734 min Scan# 1283
Delta R.T. 0.000 min
Lab File: BM038688.D
Acq: 03 Feb 2023 20:37

Tgt Ion: 136 Resp: 200905
Ion Ratio Lower Upper
136 100
137 10.9 8.8 13.2
54 5.0 4.2 6.4
68 3.5 2.9 4.3





#23

Nitrobenzene-d5

Concen: 60.131 ng

RT: 9.098 min Scan# 1005

Delta R.T. 0.000 min

Lab File: BM038688.D

Acq: 03 Feb 2023 20:37

Instrument :

BNA_M

ClientSampleId :

SASP2-123-2(75-80)

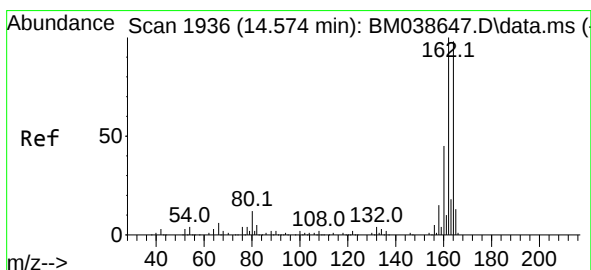
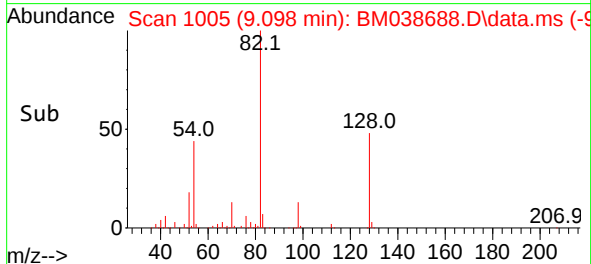
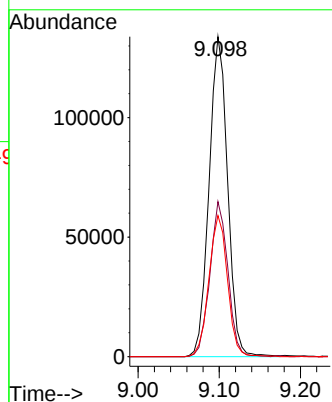
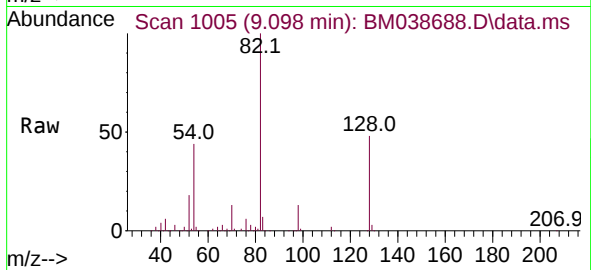
Tgt Ion: 82 Resp: 212687

Ion Ratio Lower Upper

82 100

128 48.4 36.0 54.0

54 44.1 36.8 55.2



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.563 min Scan# 1934

Delta R.T. 0.000 min

Lab File: BM038688.D

Acq: 03 Feb 2023 20:37

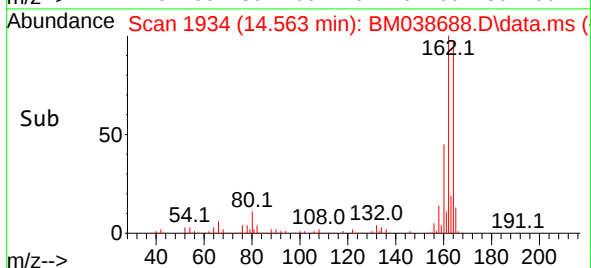
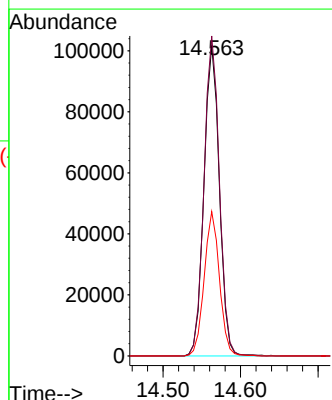
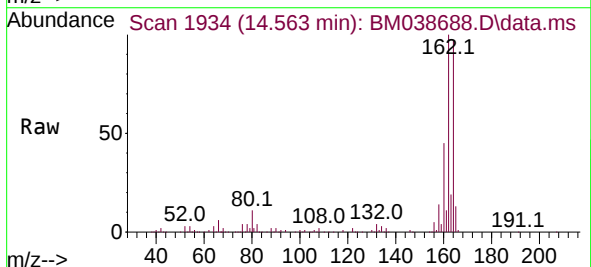
Tgt Ion: 164 Resp: 140177

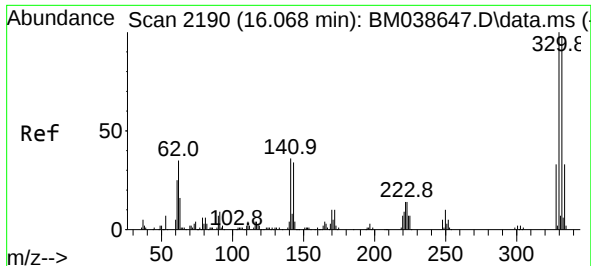
Ion Ratio Lower Upper

164 100

162 103.1 81.4 122.0

160 46.5 36.5 54.7

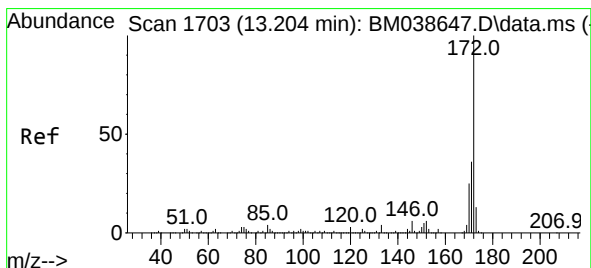
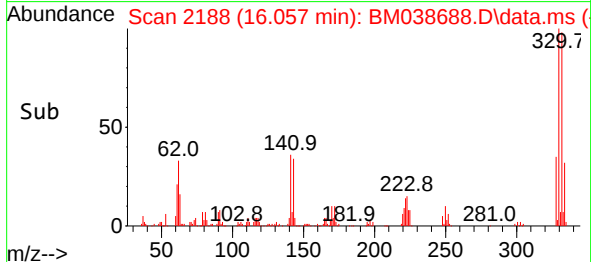
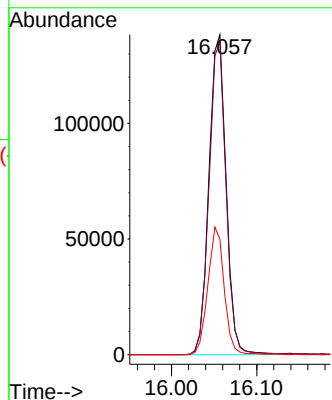
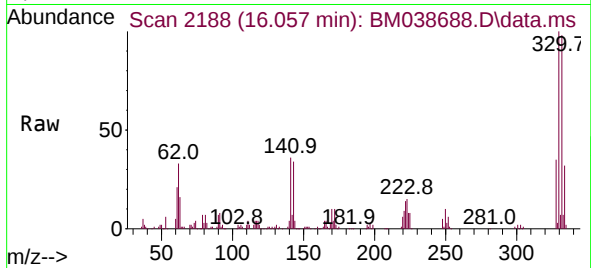




#42
2,4,6-Tribromophenol
Concen: 101.443 ng
RT: 16.057 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM038688.D
Acq: 03 Feb 2023 20:37

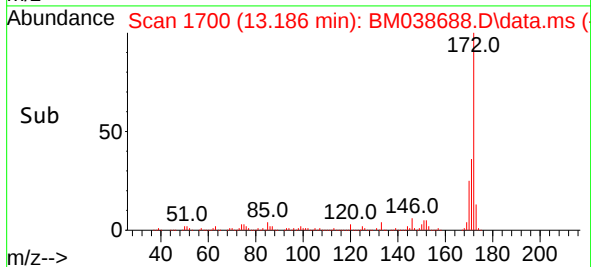
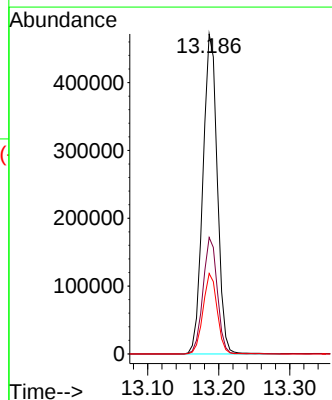
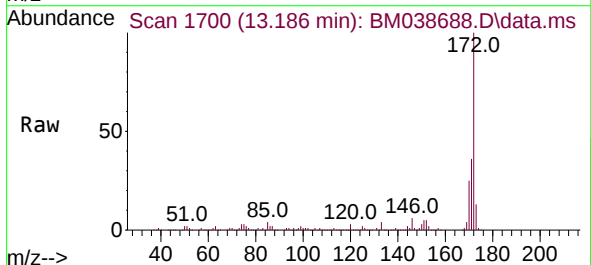
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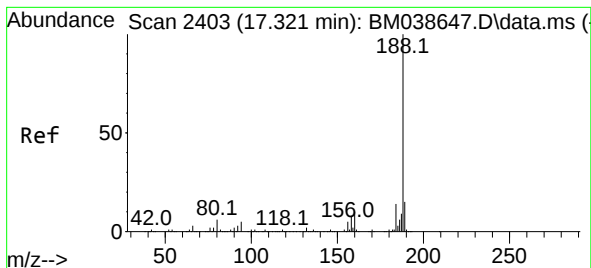
Tgt Ion:330 Resp: 193281
Ion Ratio Lower Upper
330 100
332 97.0 77.8 116.6
141 38.1 31.0 46.6



#45
2-Fluorobiphenyl
Concen: 59.975 ng
RT: 13.186 min Scan# 1700
Delta R.T. -0.006 min
Lab File: BM038688.D
Acq: 03 Feb 2023 20:37

Tgt Ion:172 Resp: 660368
Ion Ratio Lower Upper
172 100
171 36.4 28.7 43.1
170 25.1 20.0 30.0





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.310 min Scan# 24

Delta R.T. 0.000 min

Lab File: BM038688.D

Acq: 03 Feb 2023 20:37

Instrument :

BNA_M

ClientSampleId :

SASP2-123-2(75-80)

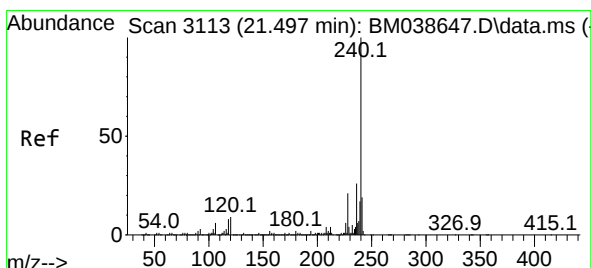
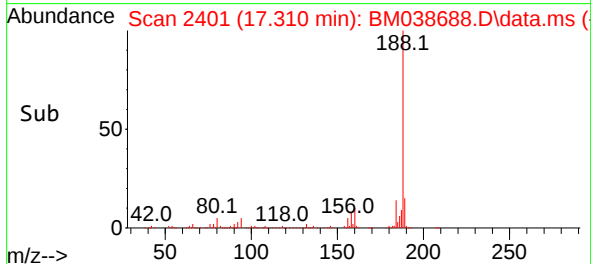
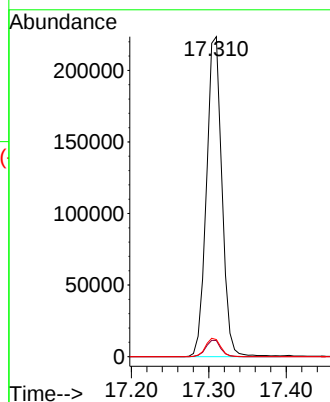
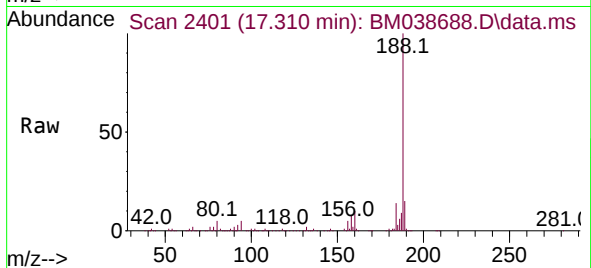
Tgt Ion:188 Resp: 308946

Ion Ratio Lower Upper

188 100

94 5.0 4.2 6.4

80 5.3 4.6 7.0



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.480 min Scan# 3110

Delta R.T. -0.012 min

Lab File: BM038688.D

Acq: 03 Feb 2023 20:37

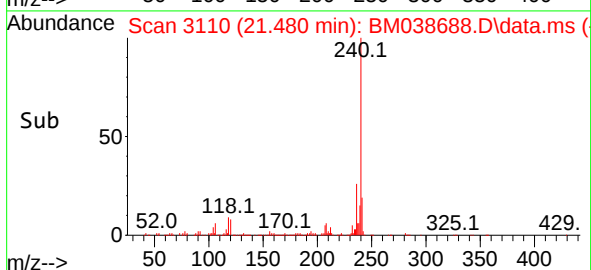
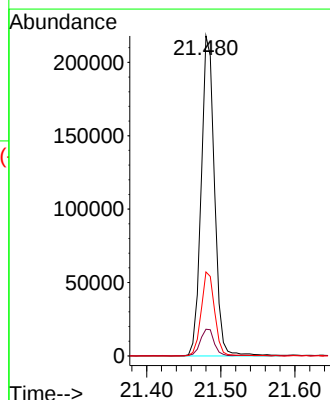
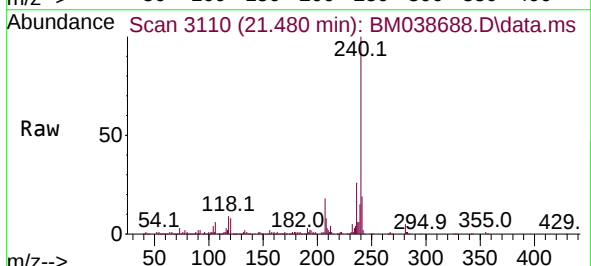
Tgt Ion:240 Resp: 271905

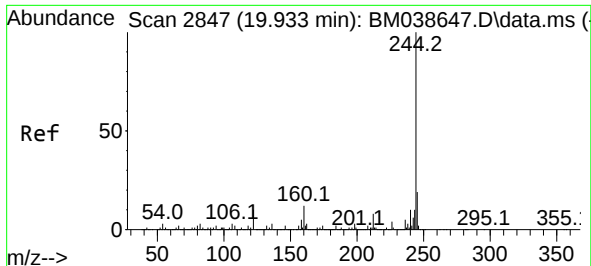
Ion Ratio Lower Upper

240 100

120 8.3 7.0 10.4

236 26.2 20.9 31.3

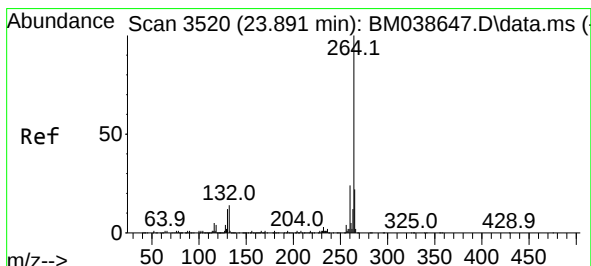
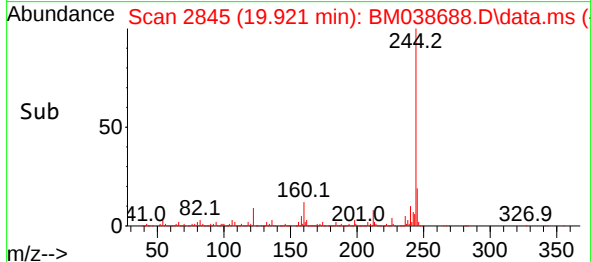
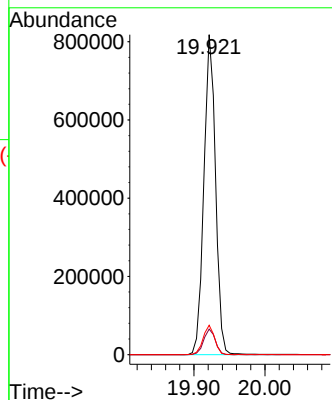
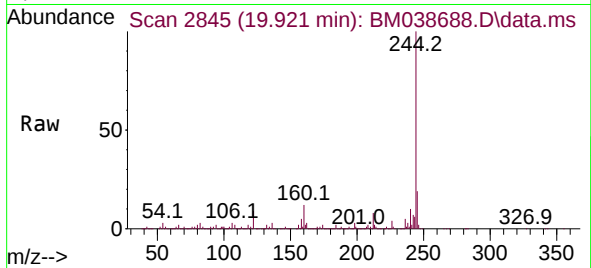




#79
 Terphenyl-d14
 Concen: 60.032 ng
 RT: 19.921 min Scan# 2845
 Delta R.T. -0.006 min
 Lab File: BM038688.D
 Acq: 03 Feb 2023 20:37

Instrument :
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Tgt Ion:244 Resp: 924995
 Ion Ratio Lower Upper
 244 100
 212 8.0 6.6 9.8
 122 9.2 7.8 11.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.874 min Scan# 3517
 Delta R.T. -0.012 min
 Lab File: BM038688.D
 Acq: 03 Feb 2023 20:37

Tgt Ion:264 Resp: 353858
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.6 29.4
 265 22.3 17.9 26.9

