

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021523\
 Data File : BM038748.D
 Acq On : 15 Feb 2023 15:04
 Operator : CG/JU
 Sample : 01537-09
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 TEST-PIT-2-(TP2)-COMP-2

Quant Time: Feb 15 15:55:44 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)

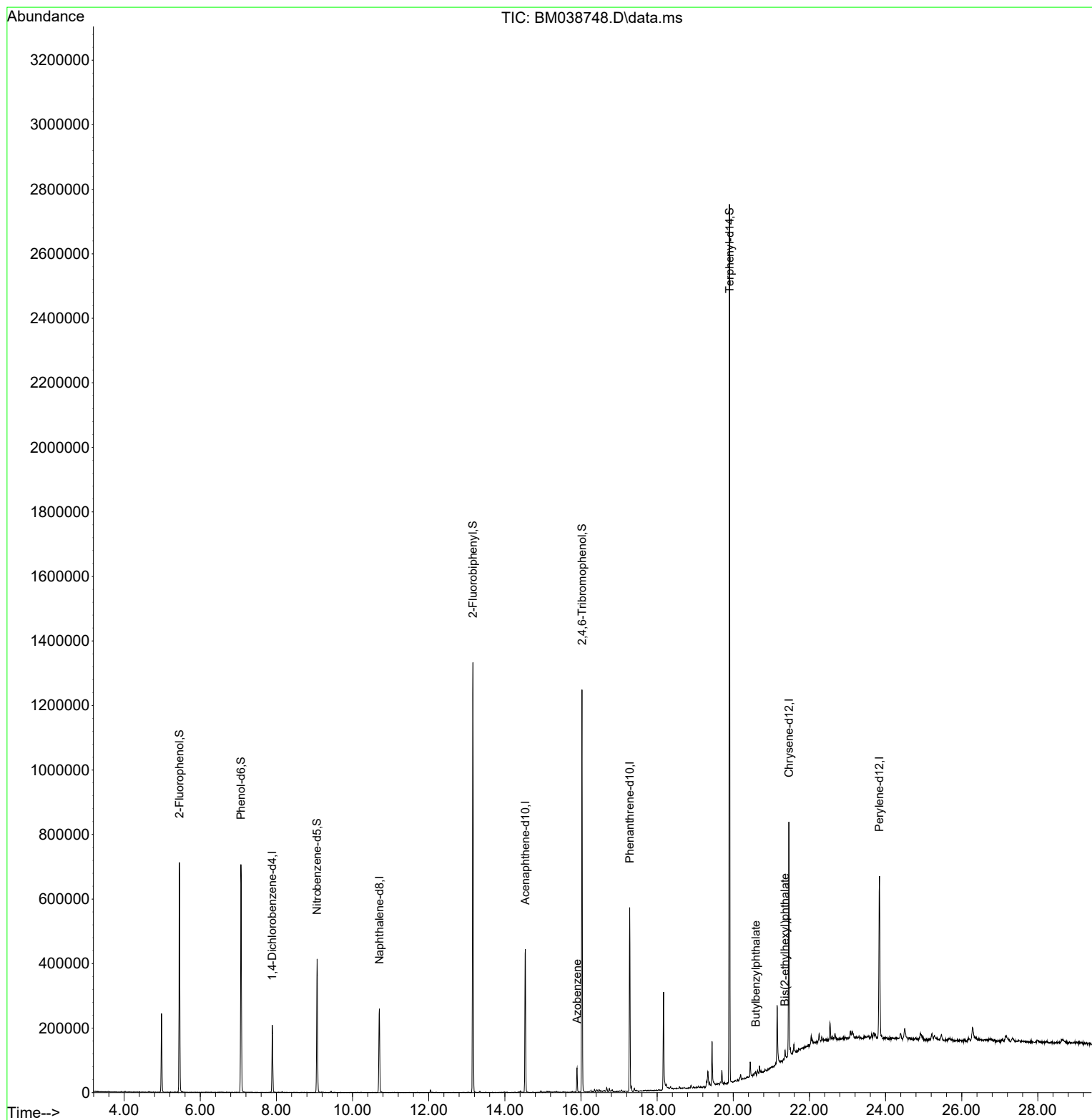
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.892	152	58206	20.000	ng	0.00
21) Naphthalene-d8	10.704	136	216930	20.000	ng	0.00
39) Acenaphthene-d10	14.539	164	149355	20.000	ng	0.00
64) Phenanthrene-d10	17.280	188	315319	20.000	ng	0.00
76) Chrysene-d12	21.462	240	312164	20.000	ng	0.00
86) Perylene-d12	23.838	264	353858	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.451	112	315747	106.264	ng	0.00
7) Phenol-d6	7.069	99	384334	113.410	ng	-0.01
23) Nitrobenzene-d5	9.069	82	221347	57.957	ng	-0.01
42) 2,4,6-Tribromophenol	16.027	330	200749	98.888	ng	0.00
45) 2-Fluorobiphenyl	13.163	172	651759	55.556	ng	0.00
79) Terphenyl-d14	19.903	244	1132082	63.997	ng	0.00
Target Compounds						
63) Azobenzene	15.898	77	19195	2.161	ng	# 1
80) Butylbenzylphthalate	20.592	149	2958	2.182	ng	# 84
84) Bis(2-ethylhexyl)phtha...	21.356	149	12712	2.203	ng	99

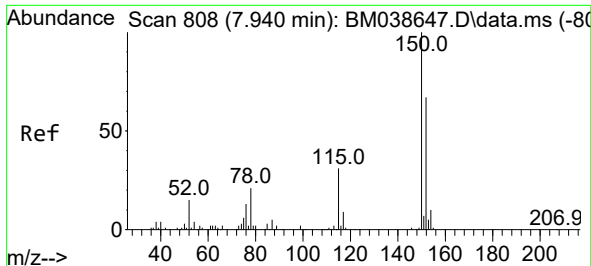
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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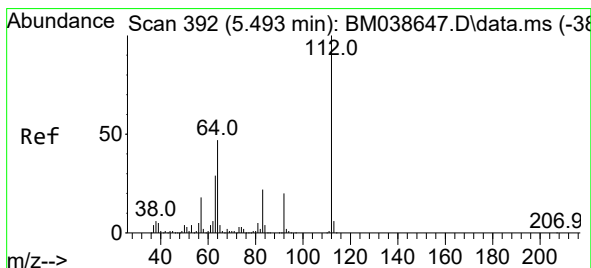
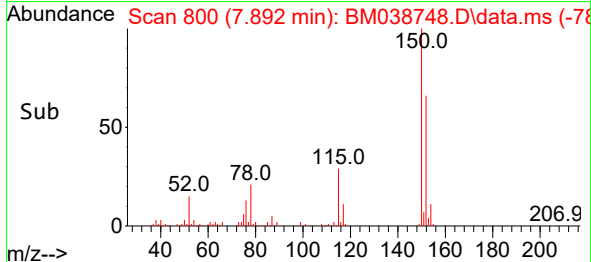
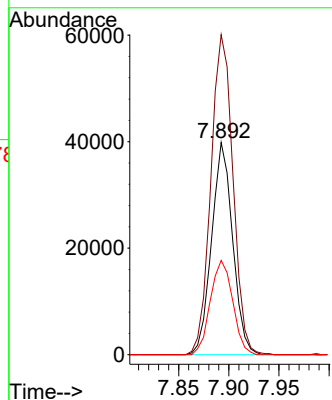
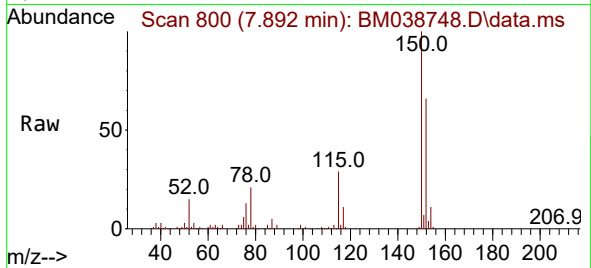




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.892 min Scan# 80
Delta R.T. -0.006 min
Lab File: BM038748.D
Acq: 15 Feb 2023 15:04

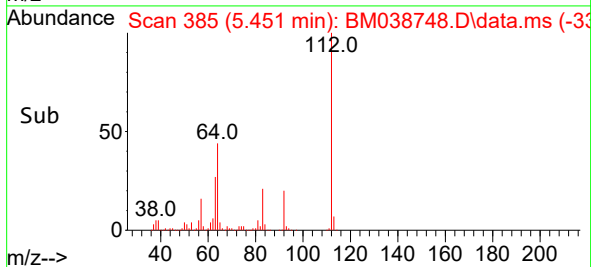
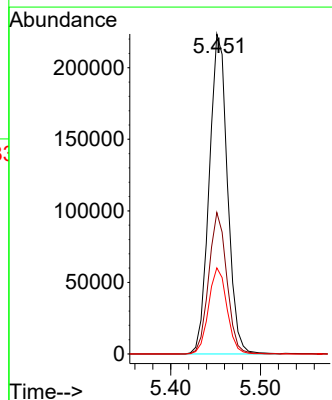
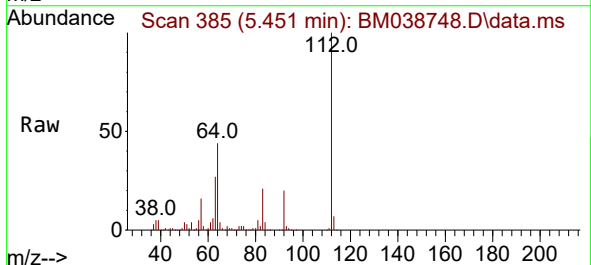
Instrument :
BNA_M
ClientSampleId :
TEST-PIT-2-(TP2)-COMP-2

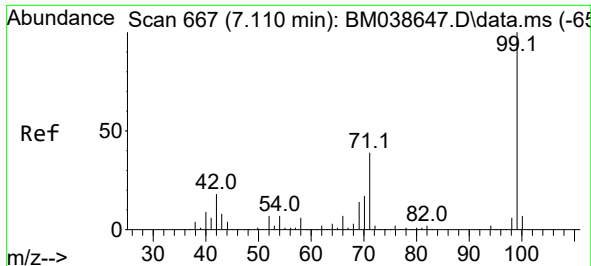
Tgt Ion:152 Resp: 58206
Ion Ratio Lower Upper
152 100
150 150.8 119.5 179.3
115 44.4 37.6 56.4



#5
2-Fluorophenol
Concen: 106.264 ng
RT: 5.451 min Scan# 385
Delta R.T. -0.006 min
Lab File: BM038748.D
Acq: 15 Feb 2023 15:04

Tgt Ion:112 Resp: 315747
Ion Ratio Lower Upper
112 100
64 44.2 37.9 56.9
63 26.9 23.3 34.9

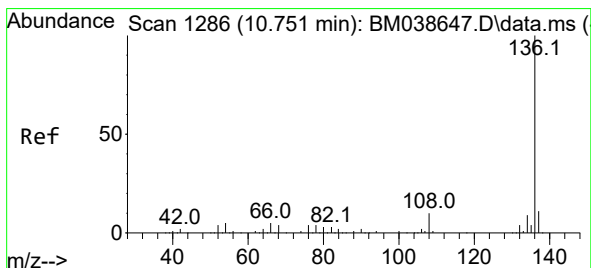
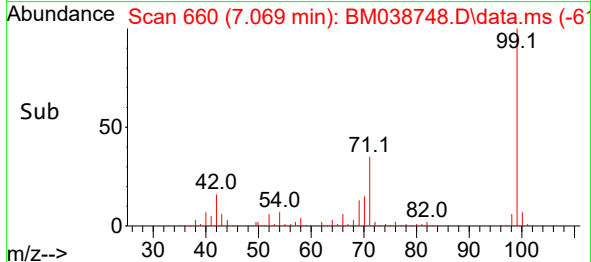
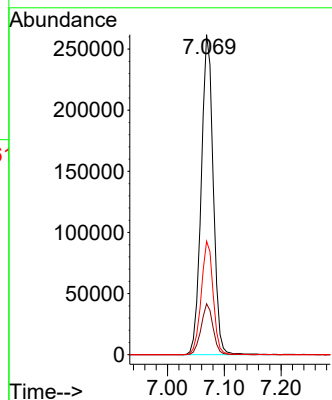
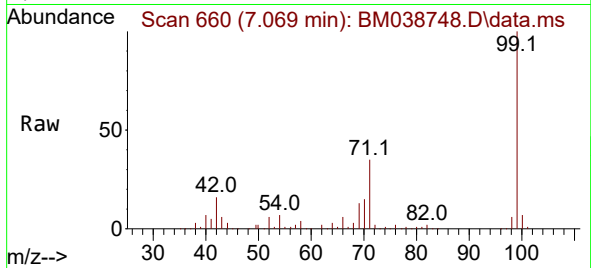




#7
Phenol-d6
Concen: 113.410 ng
RT: 7.069 min Scan# 60
Delta R.T. -0.012 min
Lab File: BM038748.D
Acq: 15 Feb 2023 15:04

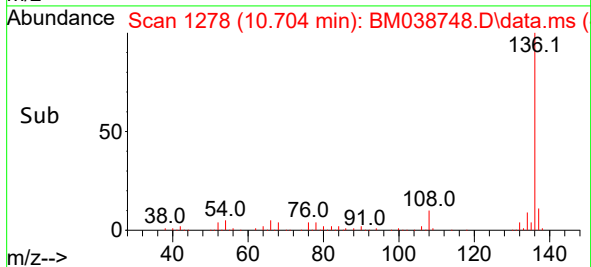
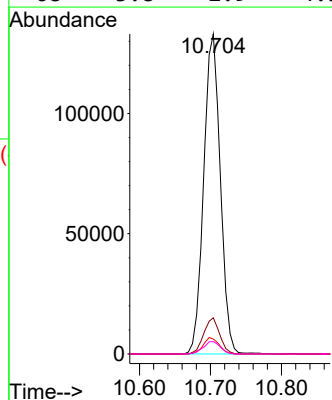
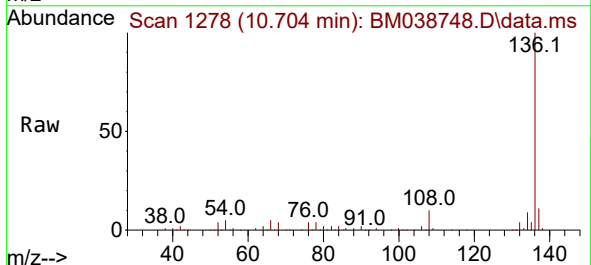
Instrument :
BNA_M
ClientSampleId :
TEST-PIT-2-(TP2)-COMP-2

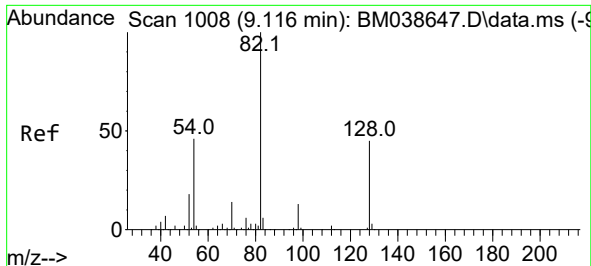
Tgt Ion: 99 Resp: 384334
Ion Ratio Lower Upper
99 100
42 15.9 14.6 22.0
71 35.4 31.0 46.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.704 min Scan# 1278
Delta R.T. -0.006 min
Lab File: BM038748.D
Acq: 15 Feb 2023 15:04

Tgt Ion: 136 Resp: 216930
Ion Ratio Lower Upper
136 100
137 11.3 8.8 13.2
54 4.6 4.2 6.4
68 3.8 2.9 4.3

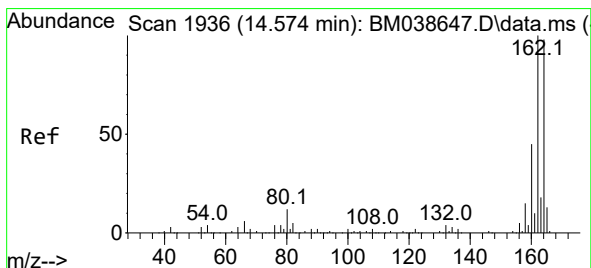
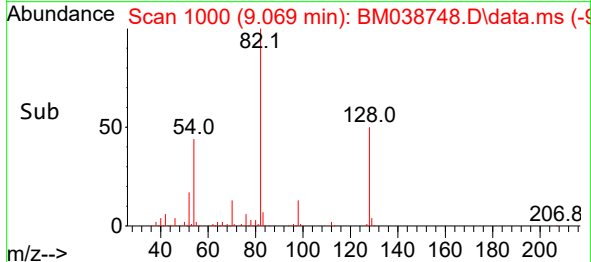
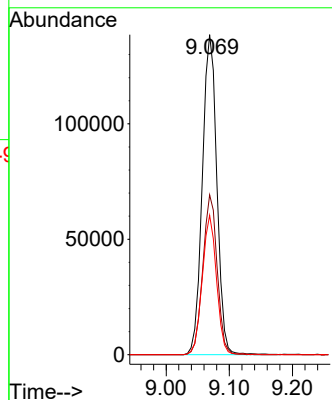
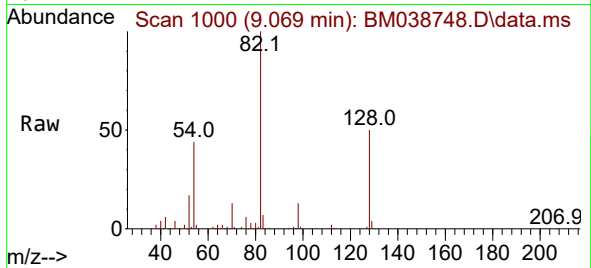




#23
Nitrobenzene-d5
Concen: 57.957 ng
RT: 9.069 min Scan# 1000
Delta R.T. -0.012 min
Lab File: BM038748.D
Acq: 15 Feb 2023 15:04

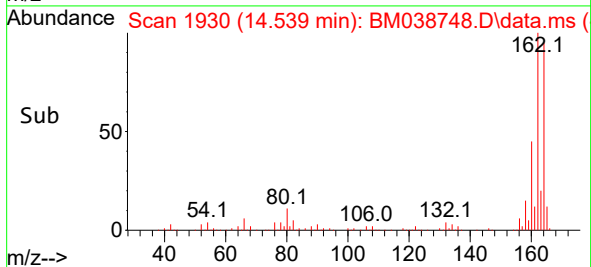
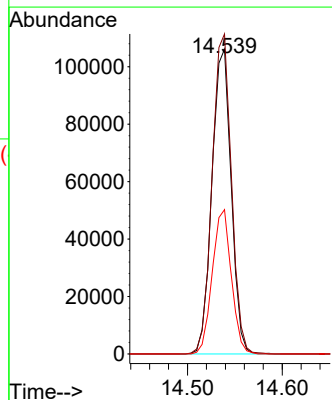
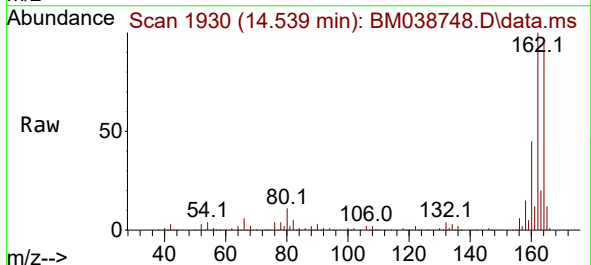
Instrument :
BNA_M
ClientSampleId :
TEST-PIT-2-(TP2)-COMP-2

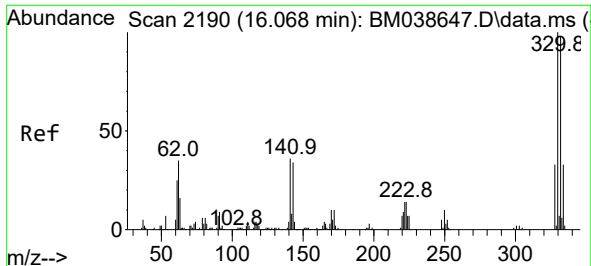
Tgt Ion: 82 Resp: 221347
Ion Ratio Lower Upper
82 100
128 50.0 36.0 54.0
54 43.5 36.8 55.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.539 min Scan# 1930
Delta R.T. -0.006 min
Lab File: BM038748.D
Acq: 15 Feb 2023 15:04

Tgt Ion:164 Resp: 149355
Ion Ratio Lower Upper
164 100
162 105.0 81.4 122.0
160 47.4 36.5 54.7





#42

2,4,6-Tribromophenol

Concen: 98.888 ng

RT: 16.027 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM038748.D

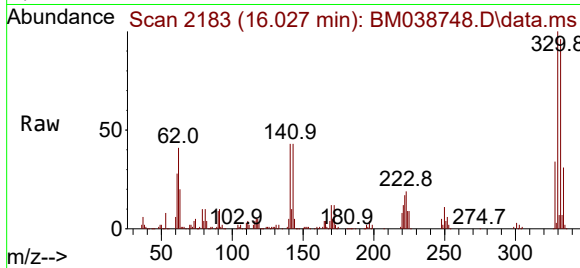
Acq: 15 Feb 2023 15:04

Instrument :

BNA_M

ClientSampleId :

TEST-PIT-2-(TP2)-COMP-2



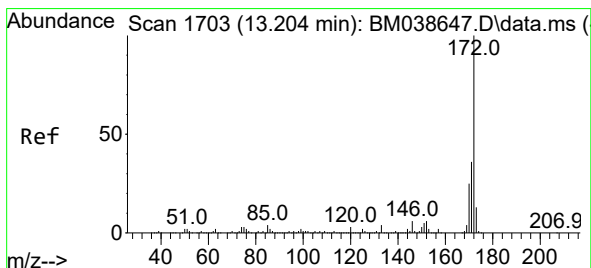
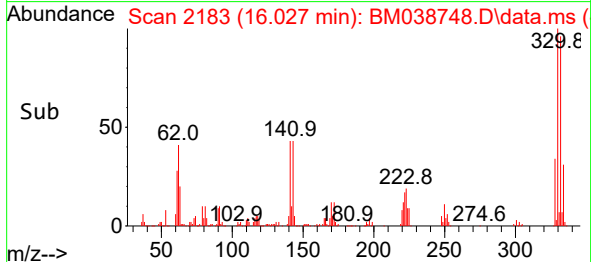
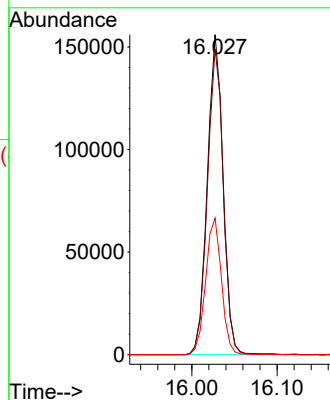
Tgt Ion:330 Resp: 200749

Ion Ratio Lower Upper

330 100

332 96.1 77.8 116.6

141 42.8 31.0 46.6



#45

2-Fluorobiphenyl

Concen: 55.556 ng

RT: 13.163 min Scan# 1696

Delta R.T. -0.006 min

Lab File: BM038748.D

Acq: 15 Feb 2023 15:04

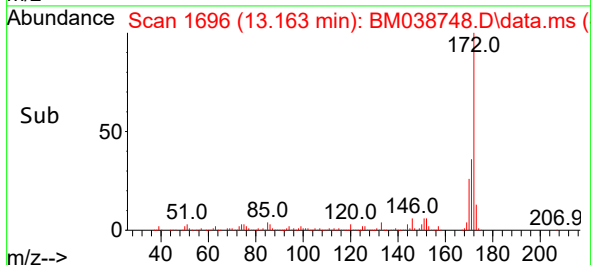
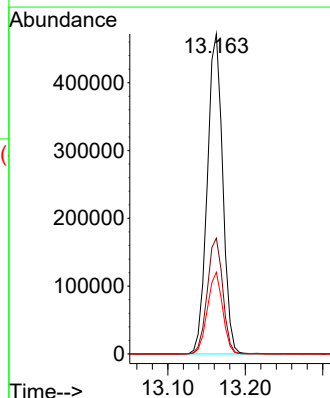
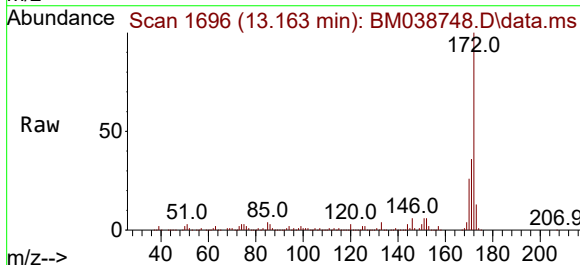
Tgt Ion:172 Resp: 651759

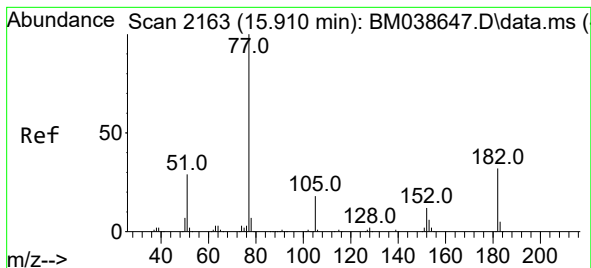
Ion Ratio Lower Upper

172 100

171 36.2 28.7 43.1

170 25.5 20.0 30.0





#63

Azobenzene

Concen: 2.161 ng

RT: 15.898 min Scan# 2161

Delta R.T. 0.024 min

Lab File: BM038748.D

Acq: 15 Feb 2023 15:04

Instrument :

BNA_M

ClientSampleId :

TEST-PIT-2-(TP2)-COMP-2

Tgt Ion: 77 Resp: 19195

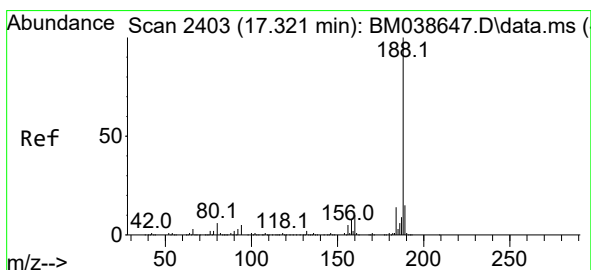
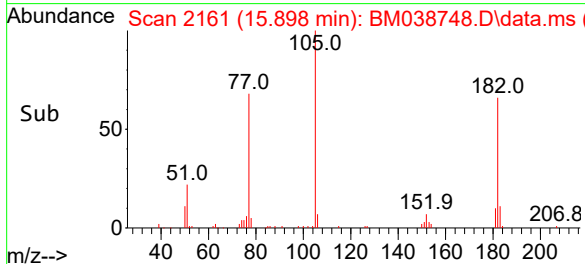
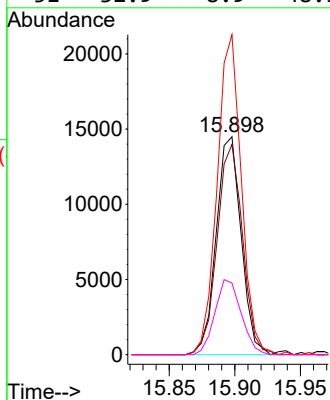
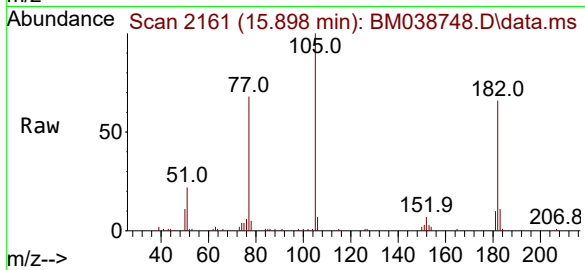
Ion Ratio Lower Upper

77 100

182 96.5 12.0 52.0#

105 146.8 0.0 37.5#

51 32.9 8.9 48.9



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.280 min Scan# 2396

Delta R.T. -0.006 min

Lab File: BM038748.D

Acq: 15 Feb 2023 15:04

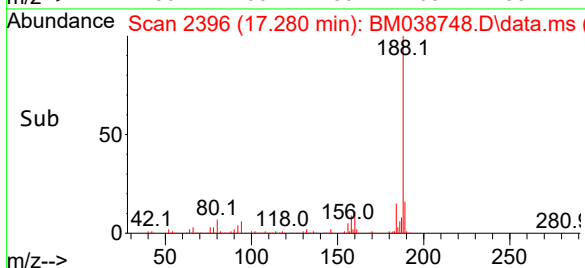
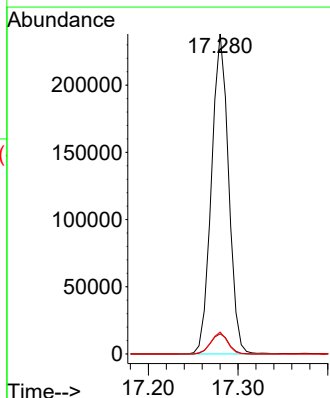
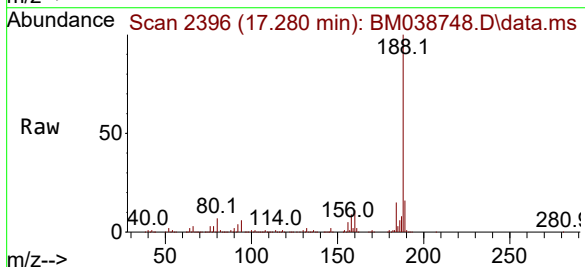
Tgt Ion:188 Resp: 315319

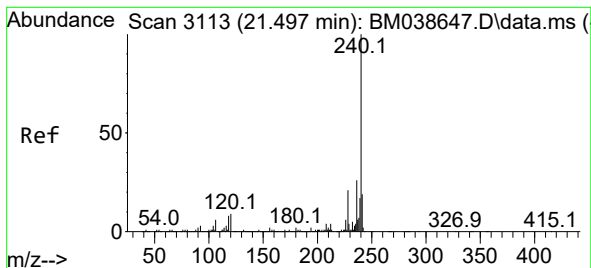
Ion Ratio Lower Upper

188 100

94 6.3 4.2 6.4

80 6.9 4.6 7.0





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.462 min Scan# 3113

Delta R.T. 0.000 min

Lab File: BM038748.D

Acq: 15 Feb 2023 15:04

Instrument :

BNA_M

ClientSampleId :

TEST-PIT-2-(TP2)-COMP-2

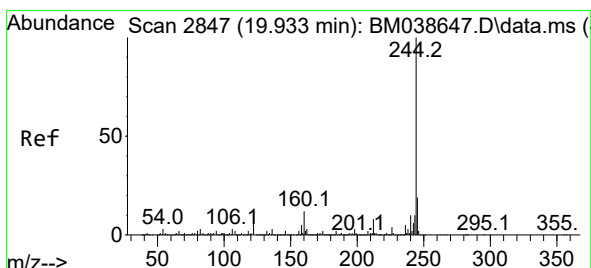
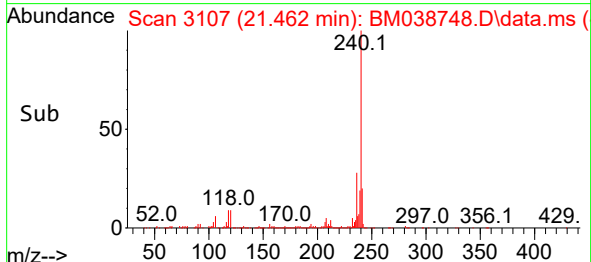
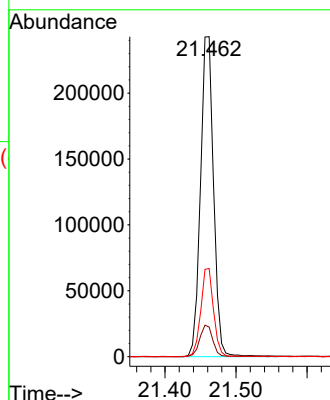
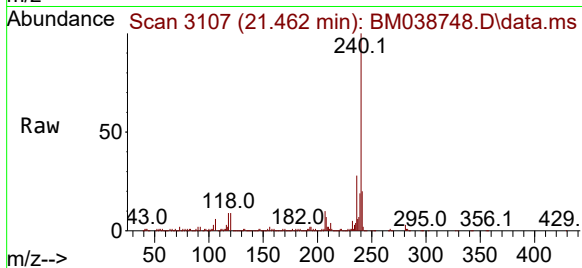
Tgt Ion:240 Resp: 312164

Ion Ratio Lower Upper

240 100

120 9.2 7.0 10.4

236 27.6 20.9 31.3



#79

Terphenyl-d14

Concen: 63.997 ng

RT: 19.903 min Scan# 2842

Delta R.T. 0.000 min

Lab File: BM038748.D

Acq: 15 Feb 2023 15:04

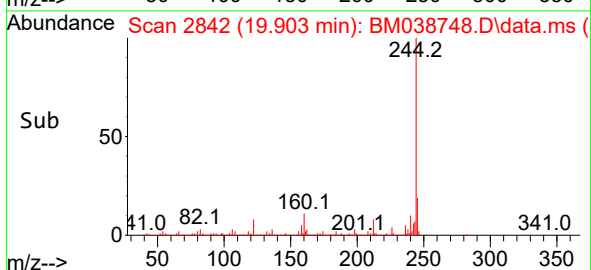
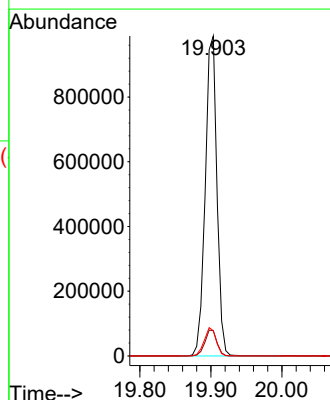
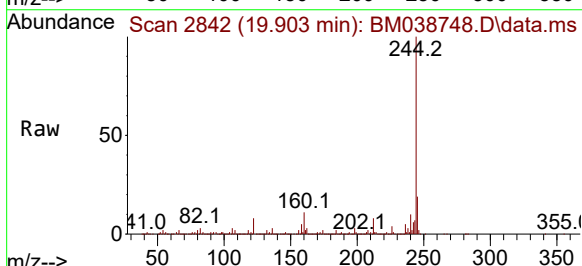
Tgt Ion:244 Resp: 1132082

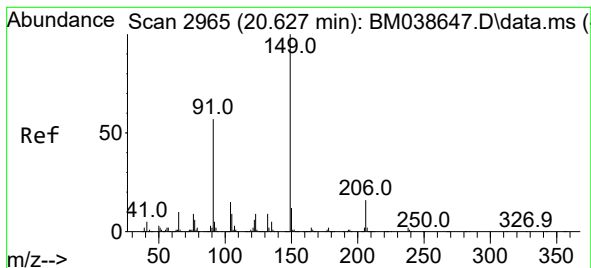
Ion Ratio Lower Upper

244 100

212 7.9 6.6 9.8

122 7.9 7.8 11.8





#80

Butylbenzylphthalate

Concen: 2.182 ng

RT: 20.592 min Scan# 2959

Delta R.T. 0.000 min

Lab File: BM038748.D

Acq: 15 Feb 2023 15:04

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ClientSampleId :

TEST-PIT-2-(TP2)-COMP-2

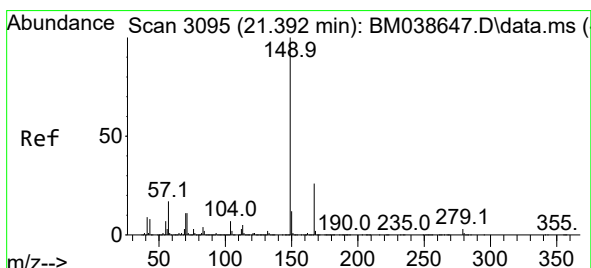
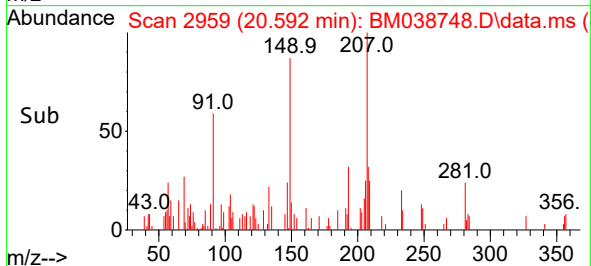
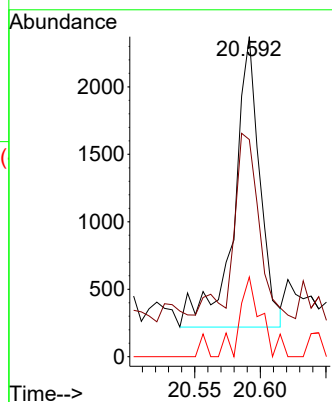
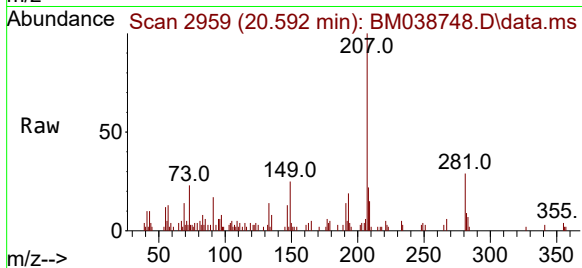
Tgt Ion:149 Resp: 2958

Ion Ratio Lower Upper

149 100

91 67.8 45.6 68.4

206 24.9 12.5 18.7#



#84

Bis(2-ethylhexyl)phthalate

Concen: 2.203 ng

RT: 21.356 min Scan# 3089

Delta R.T. -0.006 min

Lab File: BM038748.D

Acq: 15 Feb 2023 15:04

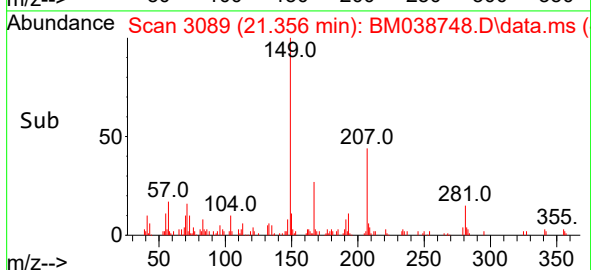
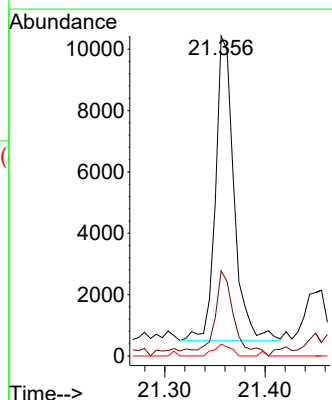
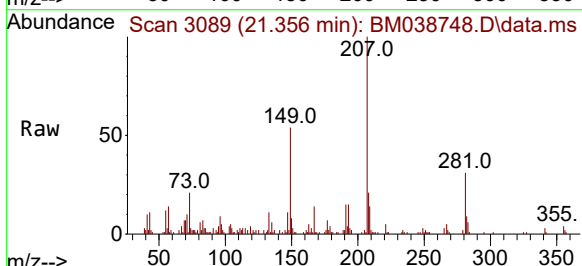
Tgt Ion:149 Resp: 12712

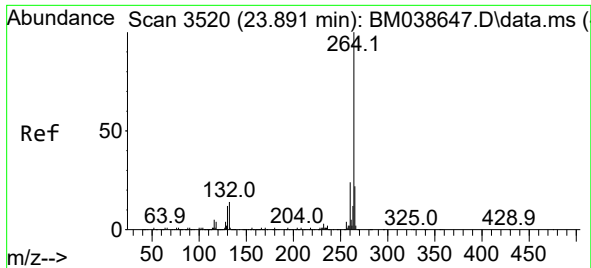
Ion Ratio Lower Upper

149 100

167 26.6 20.8 31.2

279 3.7 2.5 3.7





#86
Perylene-d12
Concen: 20.000 ng
RT: 23.838 min Scan# 311
Delta R.T. 0.000 min
Lab File: BM038748.D
Acq: 15 Feb 2023 15:04

Instrument :
BNA_M
ClientSampleId :
TEST-PIT-2-(TP2)-COMP-2

Tgt Ion:264 Resp: 353858

Ion	Ratio	Lower	Upper
264	100		
260	25.7	19.6	29.4
265	22.2	17.9	26.9

