

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021523\
 Data File : BM038749.D
 Acq On : 15 Feb 2023 15:42
 Operator : CG/JU
 Sample : 01537-16
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 TEST-PIT-6-(TP6)-COMP-3

Quant Time: Feb 15 16:22:11 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)

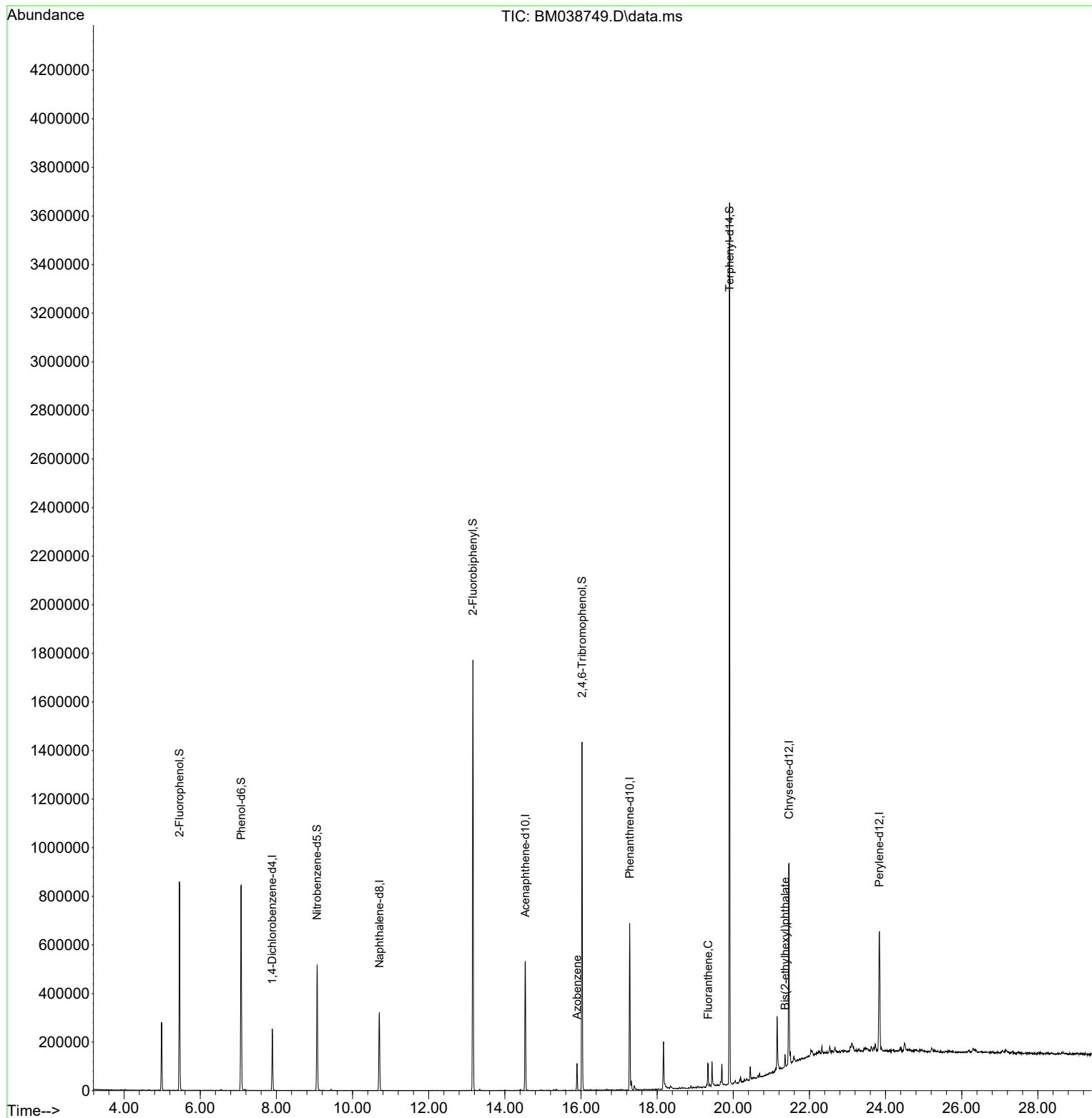
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.893	152	70808	20.000	ng	0.00
21) Naphthalene-d8	10.704	136	265191	20.000	ng	0.00
39) Acenaphthene-d10	14.539	164	183173	20.000	ng	0.00
64) Phenanthrene-d10	17.280	188	377922	20.000	ng	0.00
76) Chrysene-d12	21.462	240	341845	20.000	ng	0.00
86) Perylene-d12	23.839	264	359879	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.452	112	392229	108.511	ng	0.00
7) Phenol-d6	7.075	99	481289	116.744	ng	0.00
23) Nitrobenzene-d5	9.069	82	279136	59.787	ng	-0.01
42) 2,4,6-Tribromophenol	16.027	330	238112	95.638	ng	0.00
45) 2-Fluorobiphenyl	13.163	172	846670	58.846	ng	0.00
79) Terphenyl-d14	19.904	244	1459461	75.340	ng	0.00
Target Compounds						
63) Azobenzene	15.898	77	28207	2.589	ng	# 1
75) Fluoranthene	19.339	202	49056	2.082	ng	98
84) Bis(2-ethylhexyl)phtha...	21.362	149	20845	2.555	ng	# 97

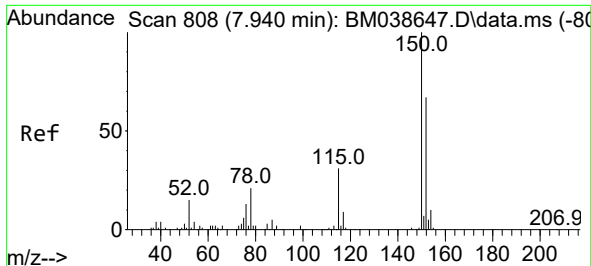
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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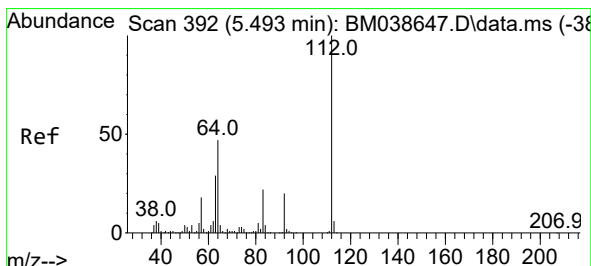
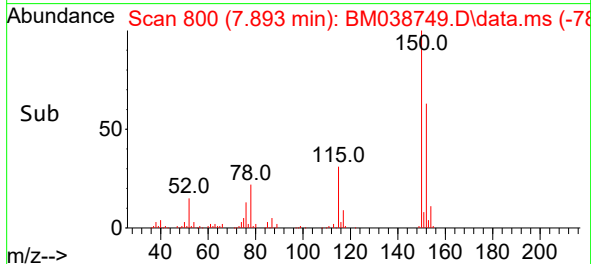
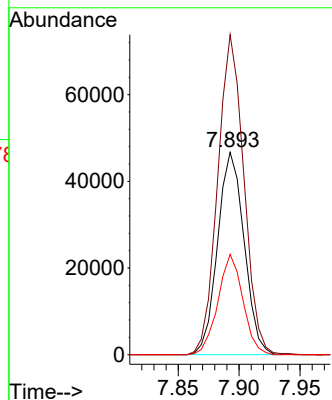
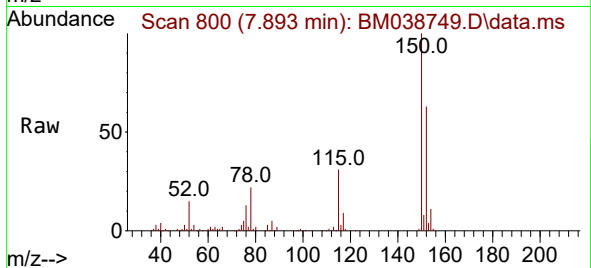




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.893 min Scan# 808
Delta R.T. -0.005 min
Lab File: BM038749.D
Acq: 15 Feb 2023 15:42

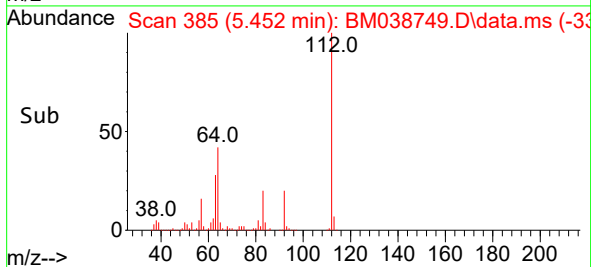
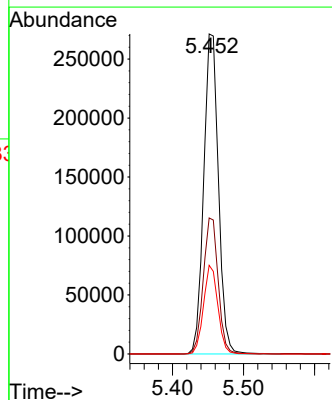
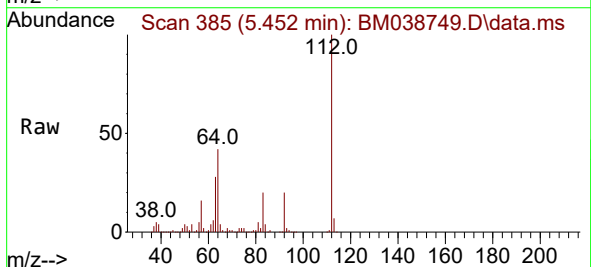
Instrument :
BNA_M
ClientSampleId :
TEST-PIT-6-(TP6)-COMP-3

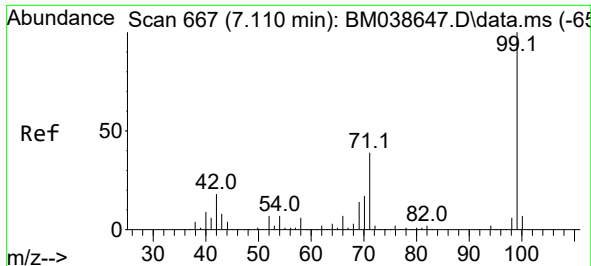
Tgt Ion:152 Resp: 70808
Ion Ratio Lower Upper
152 100
150 158.1 119.5 179.3
115 49.5 37.6 56.4



#5
2-Fluorophenol
Concen: 108.511 ng
RT: 5.452 min Scan# 385
Delta R.T. -0.006 min
Lab File: BM038749.D
Acq: 15 Feb 2023 15:42

Tgt Ion:112 Resp: 392229
Ion Ratio Lower Upper
112 100
64 42.5 37.9 56.9
63 27.7 23.3 34.9

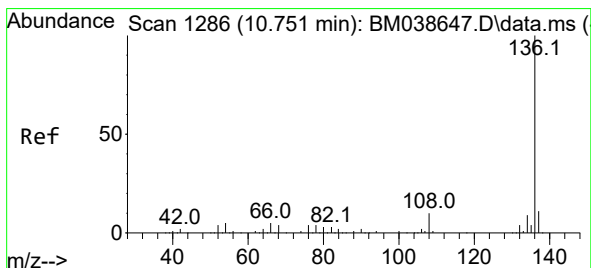
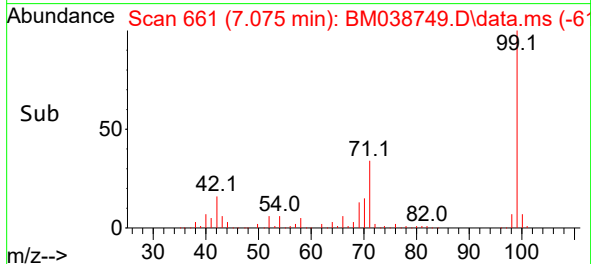
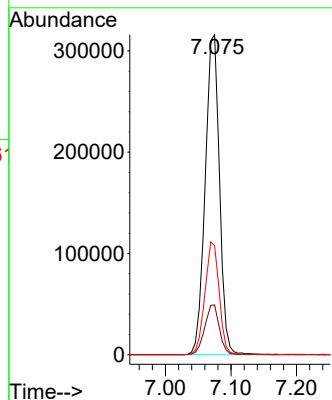
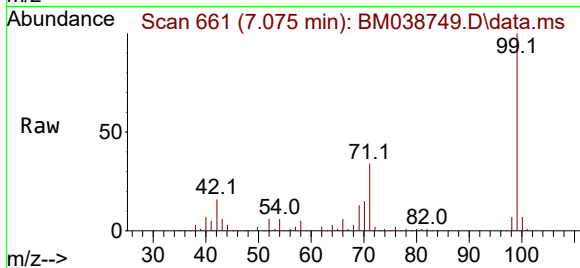




#7
Phenol-d6
Concen: 116.744 ng
RT: 7.075 min Scan# 60
Delta R.T. -0.006 min
Lab File: BM038749.D
Acq: 15 Feb 2023 15:42

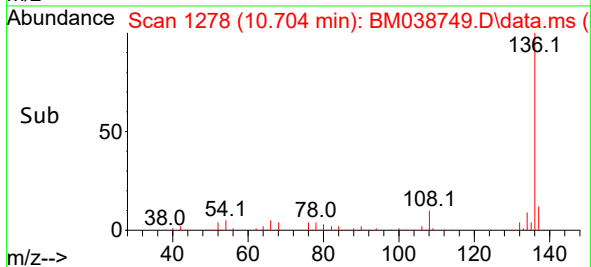
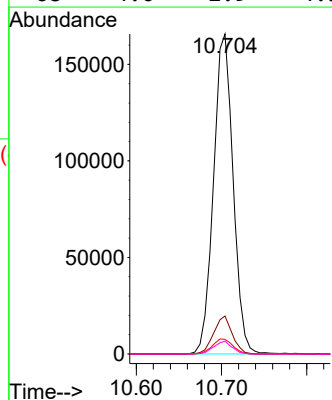
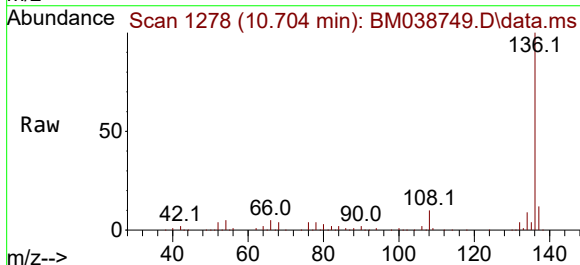
Instrument :
BNA_M
ClientSampleId :
TEST-PIT-6-(TP6)-COMP-3

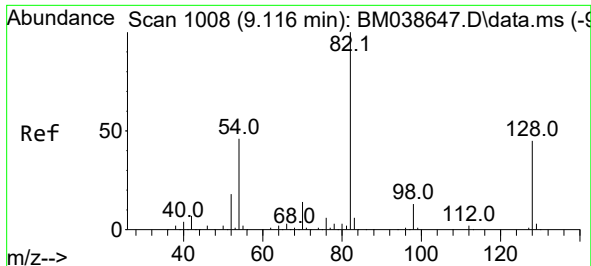
Tgt Ion: 99 Resp: 481289
Ion Ratio Lower Upper
99 100
42 15.6 14.6 22.0
71 34.1 31.0 46.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.704 min Scan# 1278
Delta R.T. -0.006 min
Lab File: BM038749.D
Acq: 15 Feb 2023 15:42

Tgt Ion:136 Resp: 265191
Ion Ratio Lower Upper
136 100
137 11.8 8.8 13.2
54 4.6 4.2 6.4
68 4.0 2.9 4.3

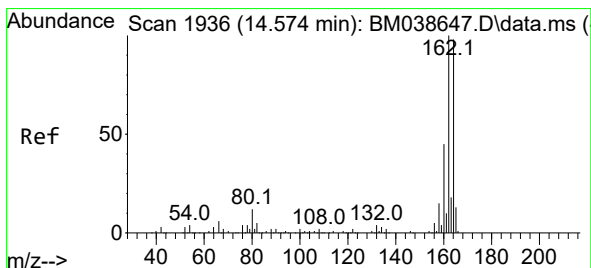
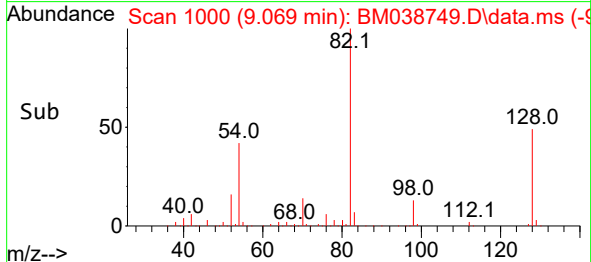
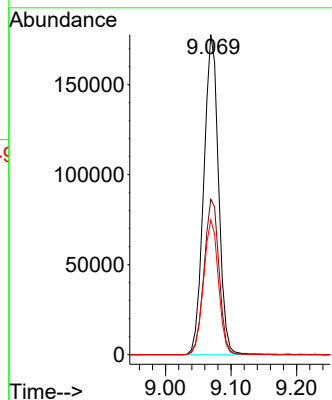
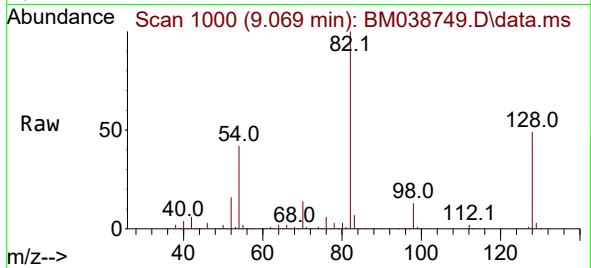




#23
Nitrobenzene-d5
Concen: 59.787 ng
RT: 9.069 min Scan# 10
Delta R.T. -0.012 min
Lab File: BM038749.D
Acq: 15 Feb 2023 15:42

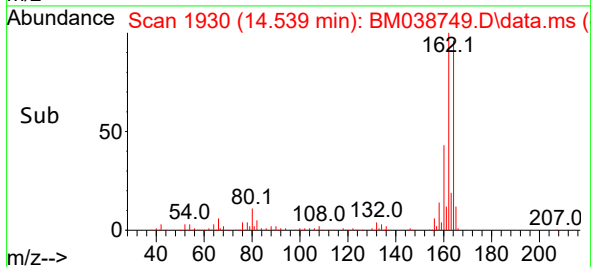
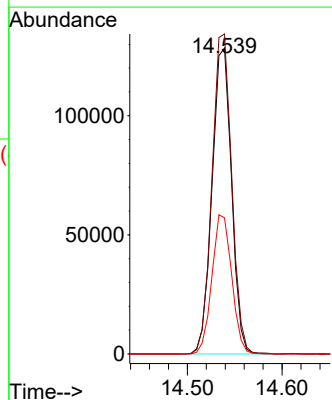
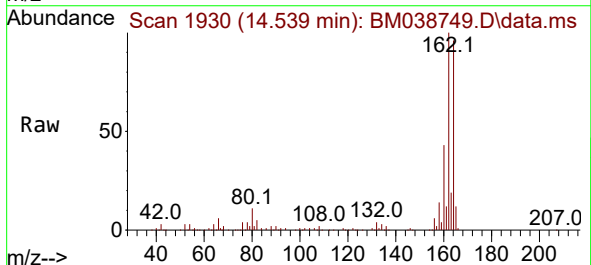
Instrument :
BNA_M
ClientSampleId :
TEST-PIT-6-(TP6)-COMP-3

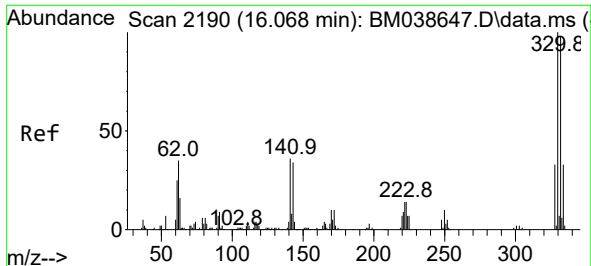
Tgt Ion: 82 Resp: 279136
Ion Ratio Lower Upper
82 100
128 48.6 36.0 54.0
54 42.1 36.8 55.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.539 min Scan# 1930
Delta R.T. -0.006 min
Lab File: BM038749.D
Acq: 15 Feb 2023 15:42

Tgt Ion: 164 Resp: 183173
Ion Ratio Lower Upper
164 100
162 104.6 81.4 122.0
160 44.5 36.5 54.7

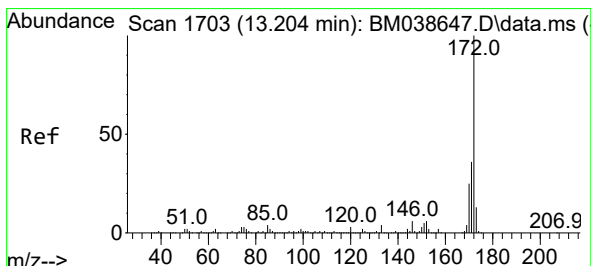
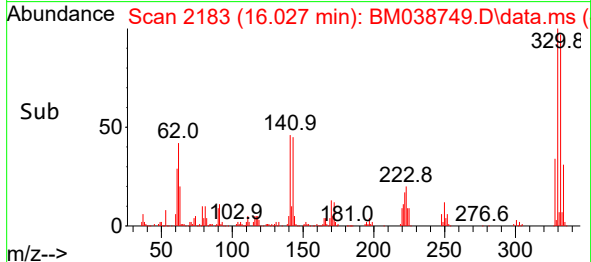
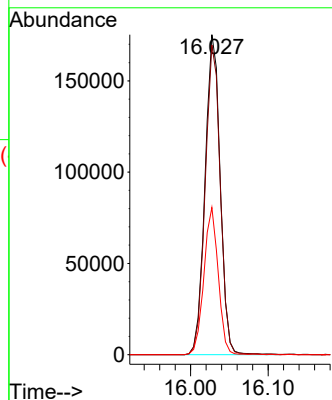
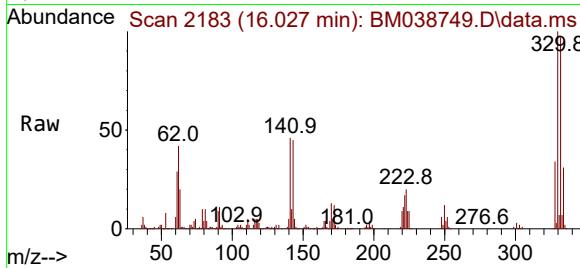




#42
2,4,6-Tribromophenol
Concen: 95.638 ng
RT: 16.027 min Scan# 2190
Delta R.T. -0.006 min
Lab File: BM038749.D
Acq: 15 Feb 2023 15:42

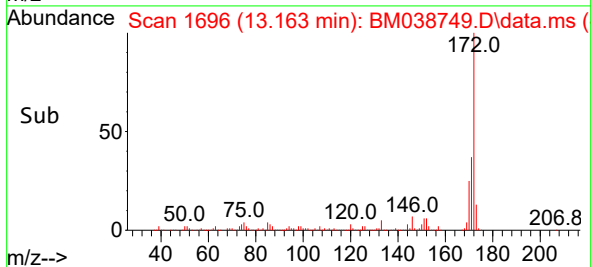
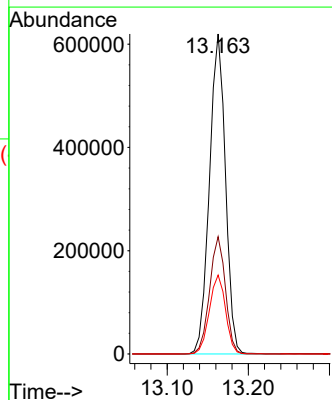
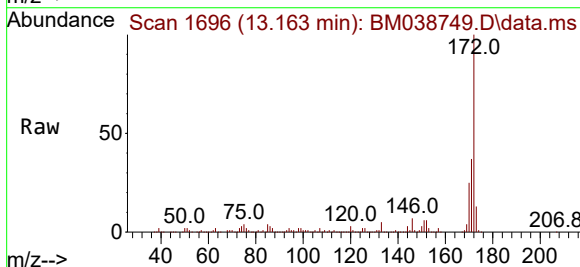
Instrument :
BNA_M
ClientSampleId :
TEST-PIT-6-(TP6)-COMP-3

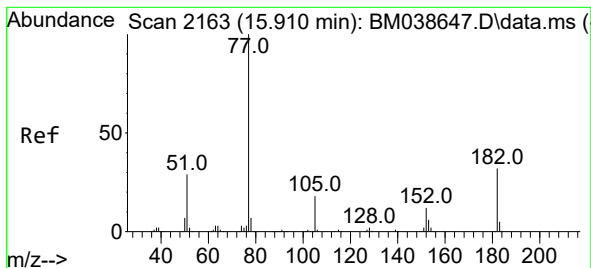
Tgt Ion:330 Resp: 238112
Ion Ratio Lower Upper
330 100
332 96.2 77.8 116.6
141 43.4 31.0 46.6



#45
2-Fluorobiphenyl
Concen: 58.846 ng
RT: 13.163 min Scan# 1696
Delta R.T. -0.006 min
Lab File: BM038749.D
Acq: 15 Feb 2023 15:42

Tgt Ion:172 Resp: 846670
Ion Ratio Lower Upper
172 100
171 36.6 28.7 43.1
170 24.6 20.0 30.0





#63

Azobenzene

Concen: 2.589 ng

RT: 15.898 min Scan# 2161

Delta R.T. 0.024 min

Lab File: BM038749.D

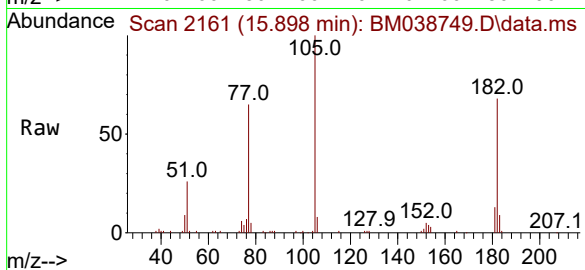
Acq: 15 Feb 2023 15:42

Instrument :

BNA_M

ClientSampleId :

TEST-PIT-6-(TP6)-COMP-3



Tgt Ion: 77 Resp: 28207

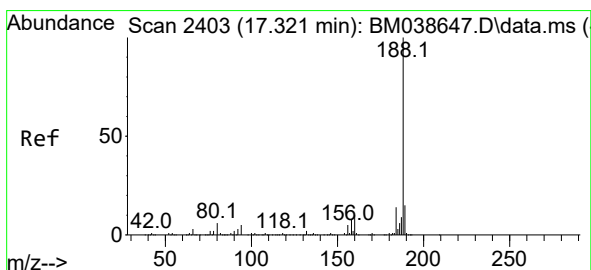
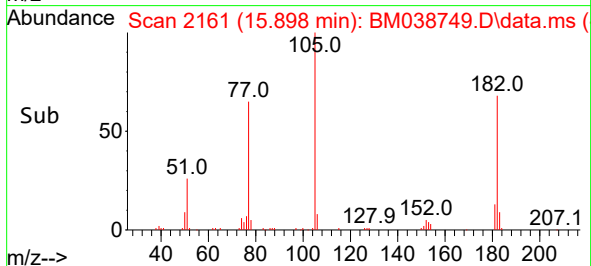
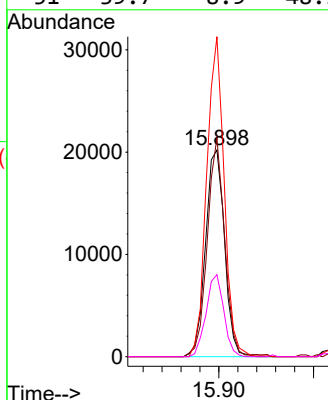
Ion Ratio Lower Upper

77 100

182 105.8 12.0 52.0#

105 154.8 0.0 37.5#

51 39.7 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: BM038749.D

Acq: 15 Feb 2023 15:42

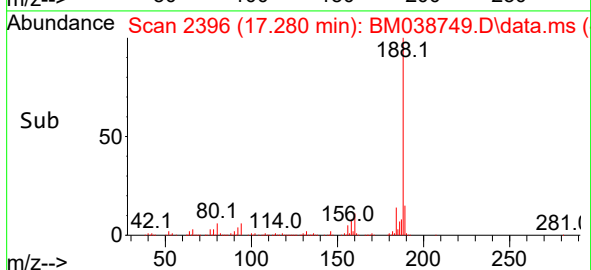
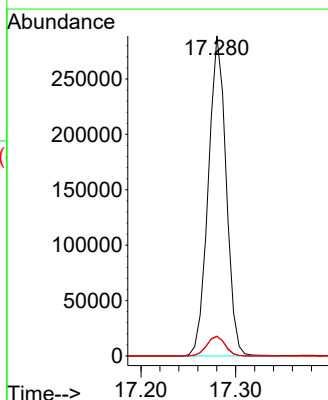
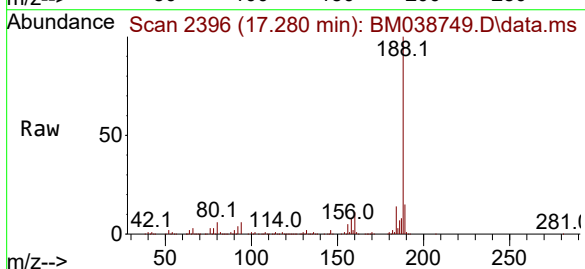
Tgt Ion:188 Resp: 377922

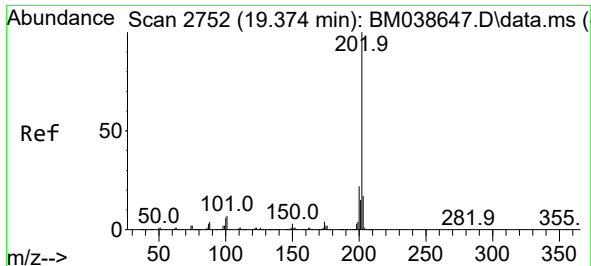
Ion Ratio Lower Upper

188 100

94 6.2 4.2 6.4

80 6.1 4.6 7.0

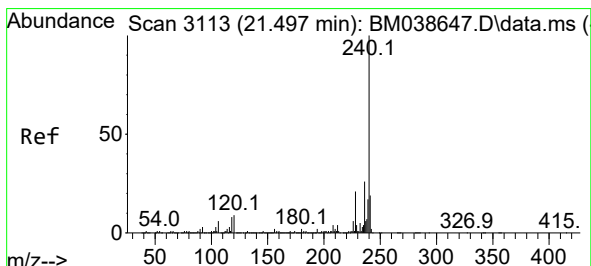
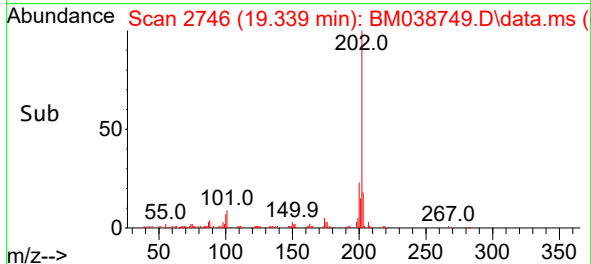
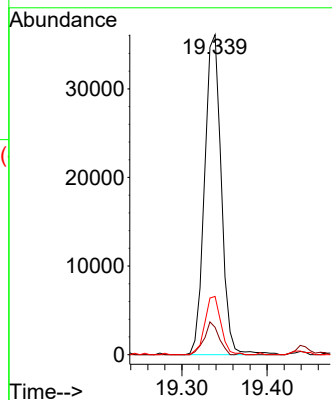
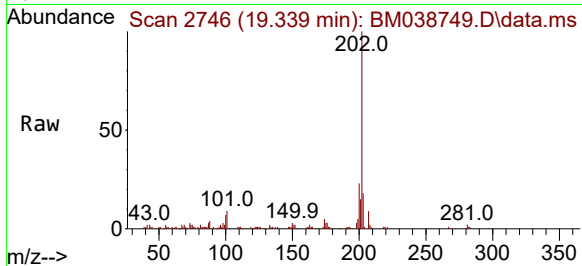




#75
Fluoranthene
Concen: 2.082 ng
RT: 19.339 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM038749.D
Acq: 15 Feb 2023 15:42

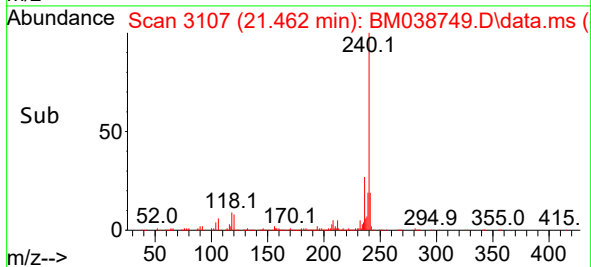
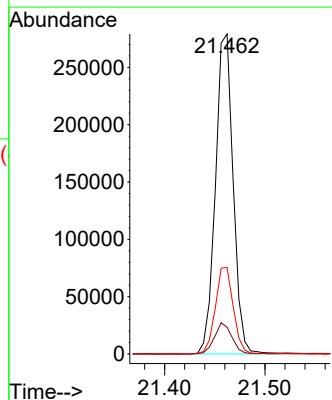
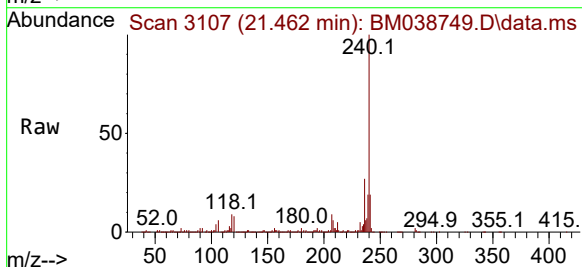
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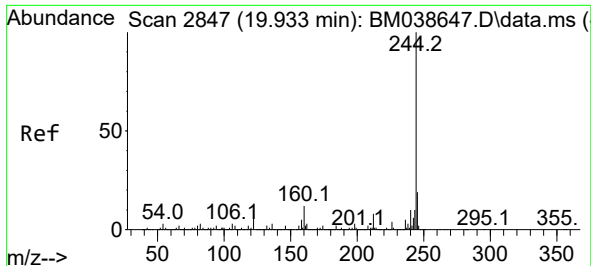
Tgt Ion:202 Resp: 49056
Ion Ratio Lower Upper
202 100
101 8.5 0.0 27.4
203 18.2 0.0 37.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.462 min Scan# 3107
Delta R.T. 0.000 min
Lab File: BM038749.D
Acq: 15 Feb 2023 15:42

Tgt Ion:240 Resp: 341845
Ion Ratio Lower Upper
240 100
120 8.4 7.0 10.4
236 27.1 20.9 31.3

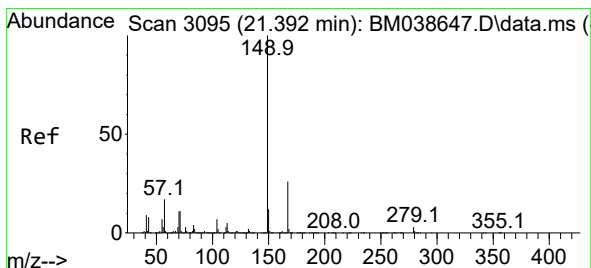
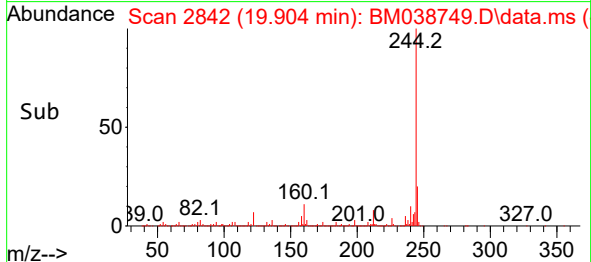
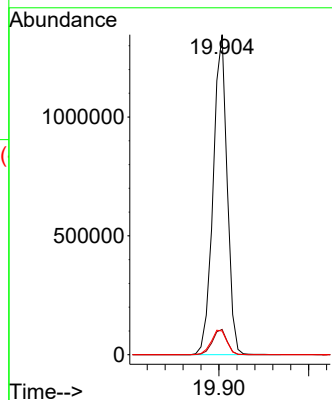
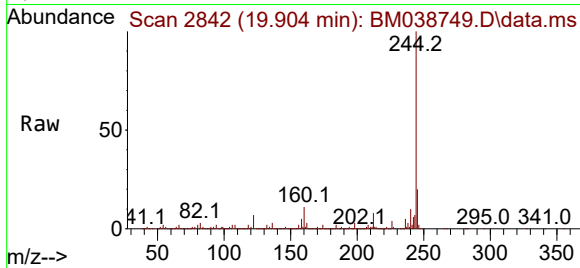




#79
 Terphenyl-d14
 Concen: 75.340 ng
 RT: 19.904 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BM038749.D
 Acq: 15 Feb 2023 15:42

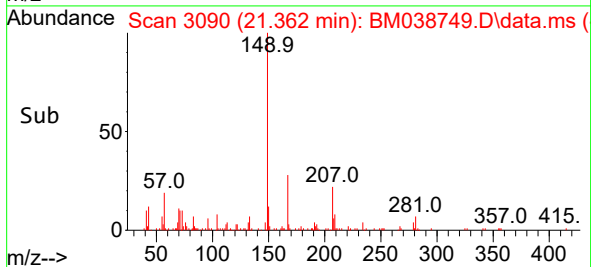
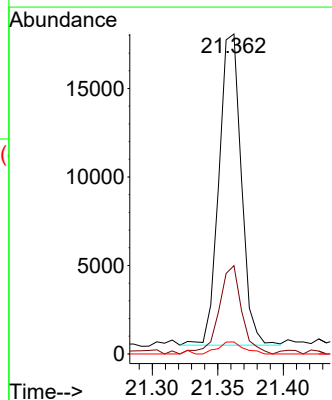
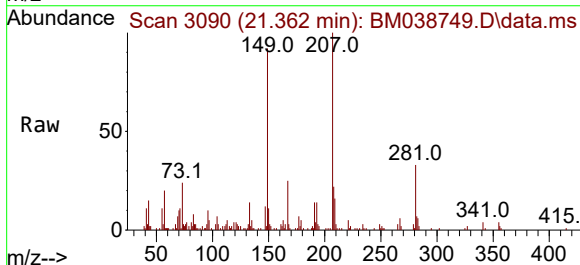
Instrument :
 BNA_M
 ClientSampleId :
 TEST-PIT-6-(TP6)-COMP-3

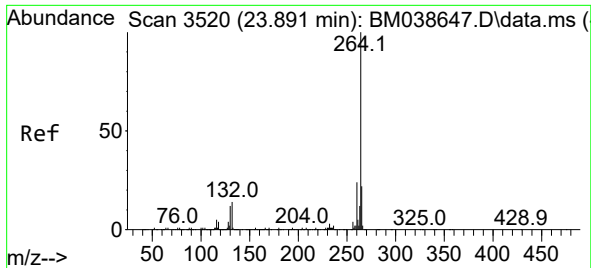
Tgt Ion:244 Resp: 1459461
 Ion Ratio Lower Upper
 244 100
 212 7.9 6.6 9.8
 122 7.4 7.8 11.8#



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 2.555 ng
 RT: 21.362 min Scan# 3090
 Delta R.T. 0.000 min
 Lab File: BM038749.D
 Acq: 15 Feb 2023 15:42

Tgt Ion:149 Resp: 20845
 Ion Ratio Lower Upper
 149 100
 167 27.6 20.8 31.2
 279 3.8 2.5 3.7#





#86
Perylene-d12
Concen: 20.000 ng
RT: 23.839 min Scan# 31
Delta R.T. 0.000 min
Lab File: BM038749.D
Acq: 15 Feb 2023 15:42

Instrument :
BNA_M
ClientSampleId :
TEST-PIT-6-(TP6)-COMP-3

Tgt Ion:264 Resp: 359879

Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.6	29.4
265	20.8	17.9	26.9

