

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021523\
 Data File : BM038747.D
 Acq On : 15 Feb 2023 14:26
 Operator : CG/JU
 Sample : 01537-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 TEST-PIT-1-(TP1)-COMP-1

Quant Time: Feb 15 15:06:05 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)

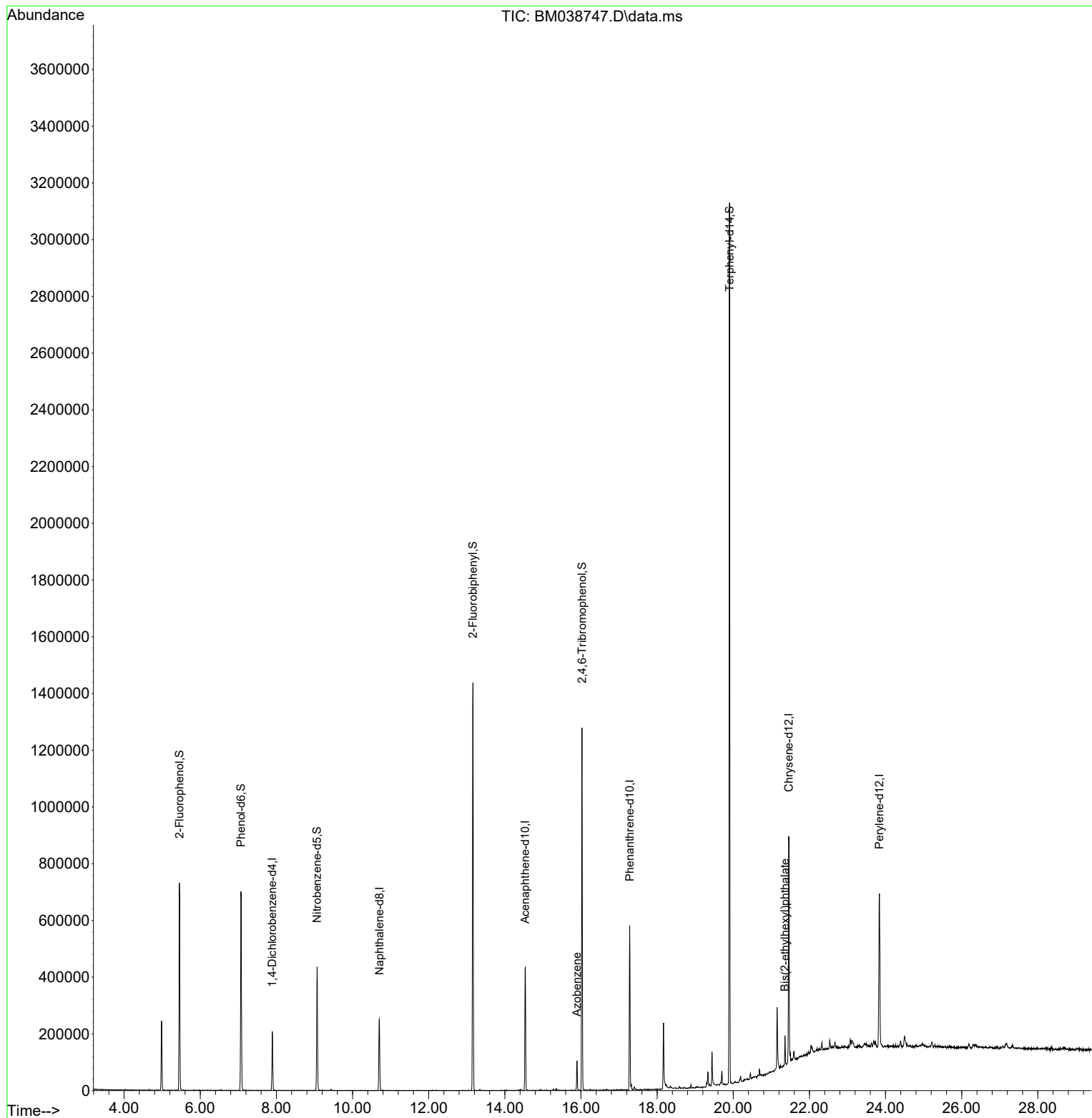
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.893	152	59261	20.000	ng	0.00
21) Naphthalene-d8	10.704	136	214481	20.000	ng	0.00
39) Acenaphthene-d10	14.533	164	148428	20.000	ng	-0.01
64) Phenanthrene-d10	17.280	188	324987	20.000	ng	0.00
76) Chrysene-d12	21.456	240	329129	20.000	ng	0.00
86) Perylene-d12	23.839	264	386333	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.452	112	327571	108.281	ng	0.00
7) Phenol-d6	7.069	99	396461	114.905	ng	-0.01
23) Nitrobenzene-d5	9.069	82	229789	60.854	ng	-0.01
42) 2,4,6-Tribromophenol	16.027	330	207764	102.983	ng	0.00
45) 2-Fluorobiphenyl	13.163	172	700840	60.113	ng	0.00
79) Terphenyl-d14	19.904	244	1312827	70.389	ng	0.00
Target Compounds						
63) Azobenzene	15.892	77	27532	3.119	ng	# 1
84) Bis(2-ethylhexyl)phtha...	21.356	149	42414	3.734	ng	95

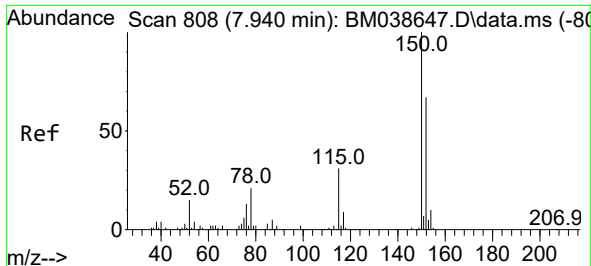
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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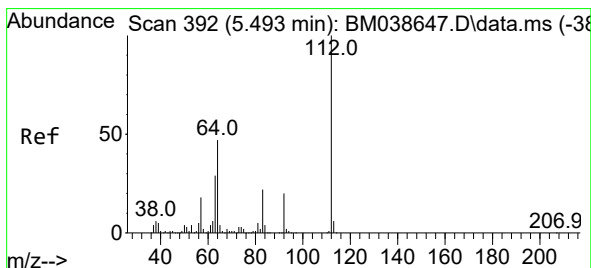
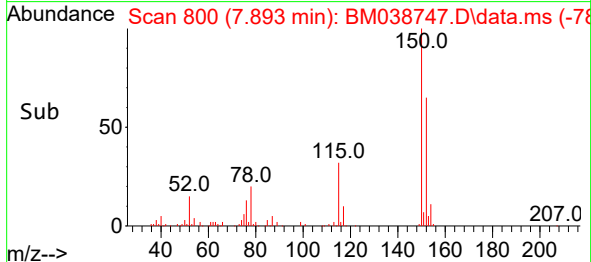
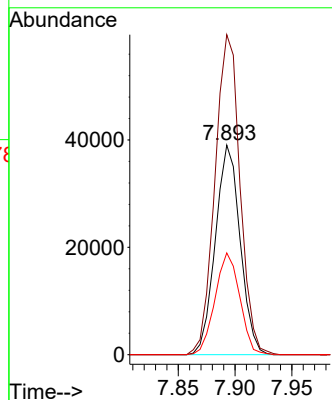
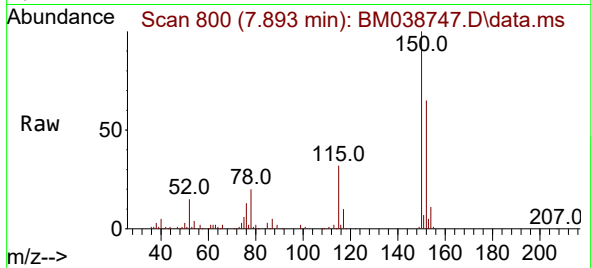




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.893 min Scan# 80
Delta R.T. -0.005 min
Lab File: BM038747.D
Acq: 15 Feb 2023 14:26

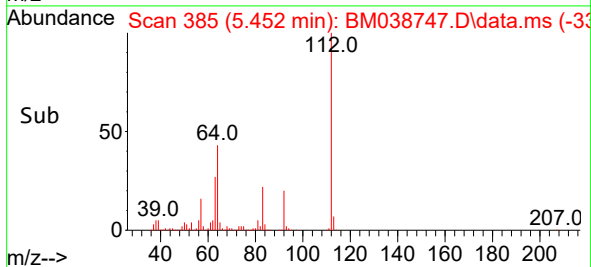
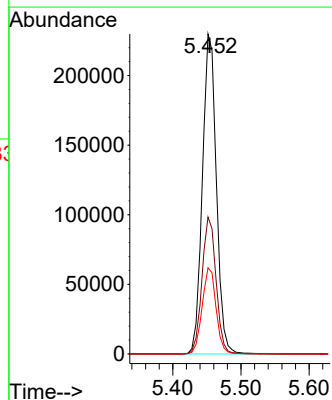
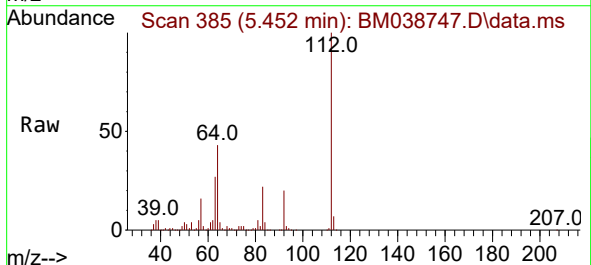
Instrument :
BNA_M
ClientSampleId :
TEST-PIT-1-(TP1)-COMP-1

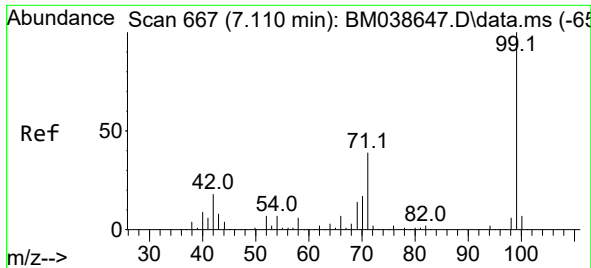
Tgt Ion:152 Resp: 59261
Ion Ratio Lower Upper
152 100
150 152.7 119.5 179.3
115 48.6 37.6 56.4



#5
2-Fluorophenol
Concen: 108.281 ng
RT: 5.452 min Scan# 385
Delta R.T. -0.006 min
Lab File: BM038747.D
Acq: 15 Feb 2023 14:26

Tgt Ion:112 Resp: 327571
Ion Ratio Lower Upper
112 100
64 42.8 37.9 56.9
63 27.0 23.3 34.9

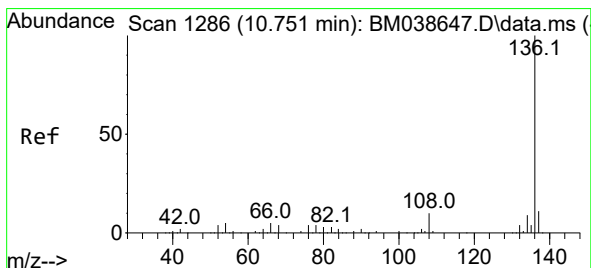
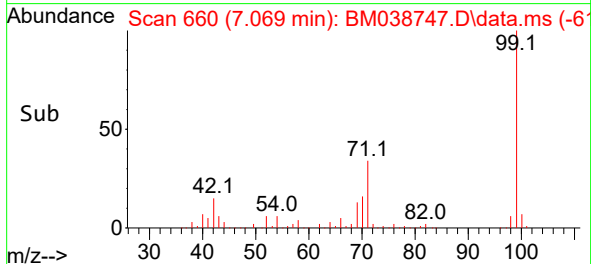
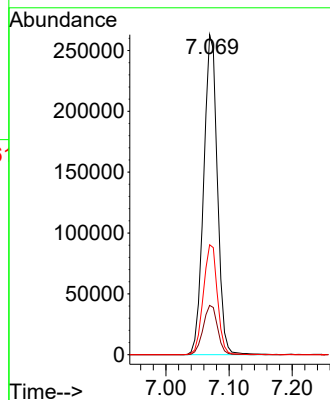
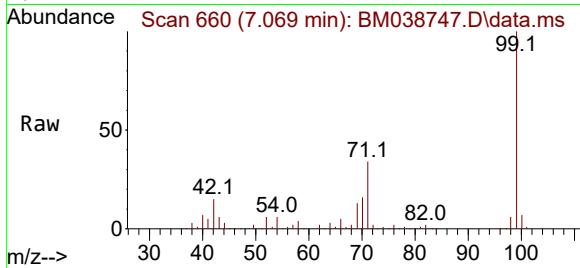




#7
Phenol-d6
Concen: 114.905 ng
RT: 7.069 min Scan# 60
Delta R.T. -0.012 min
Lab File: BM038747.D
Acq: 15 Feb 2023 14:26

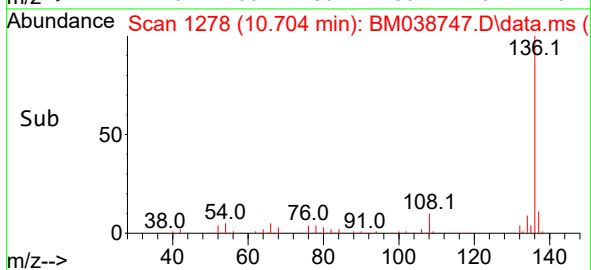
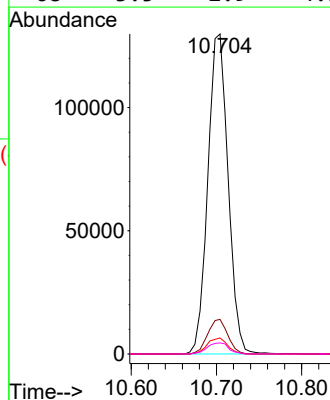
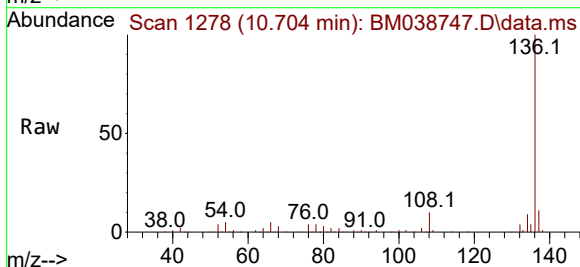
Instrument :
BNA_M
ClientSampleId :
TEST-PIT-1-(TP1)-COMP-1

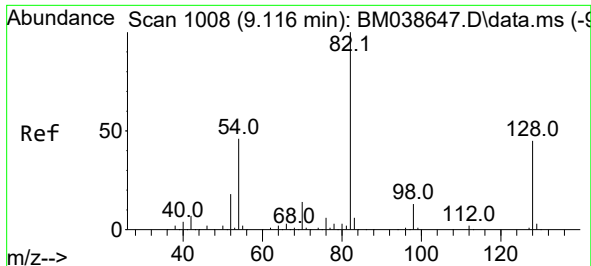
Tgt Ion: 99 Resp: 396461
Ion Ratio Lower Upper
99 100
42 15.4 14.6 22.0
71 34.4 31.0 46.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.704 min Scan# 1278
Delta R.T. -0.006 min
Lab File: BM038747.D
Acq: 15 Feb 2023 14:26

Tgt Ion: 136 Resp: 214481
Ion Ratio Lower Upper
136 100
137 10.8 8.8 13.2
54 5.0 4.2 6.4
68 3.5 2.9 4.3

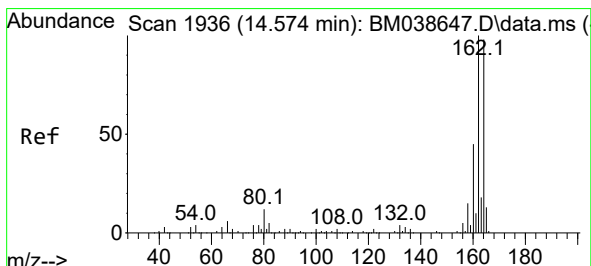
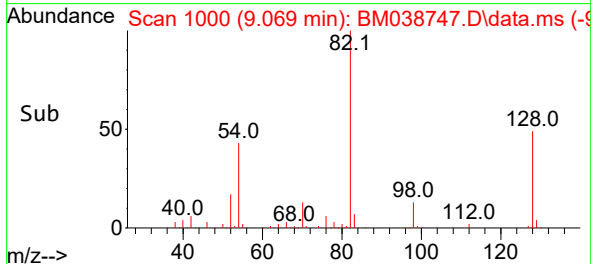
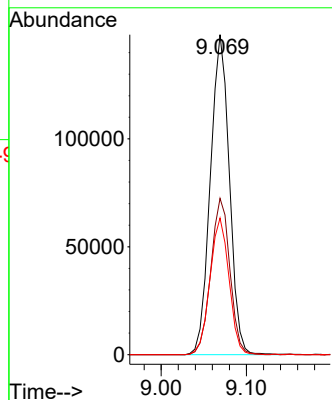
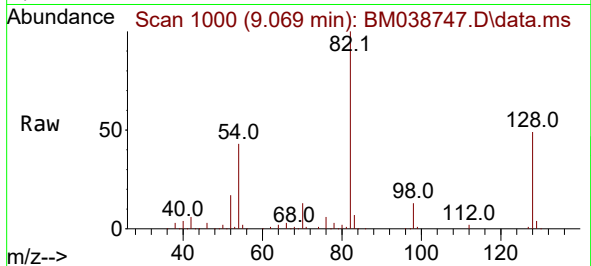




#23
Nitrobenzene-d5
Concen: 60.854 ng
RT: 9.069 min Scan# 10
Delta R.T. -0.012 min
Lab File: BM038747.D
Acq: 15 Feb 2023 14:26

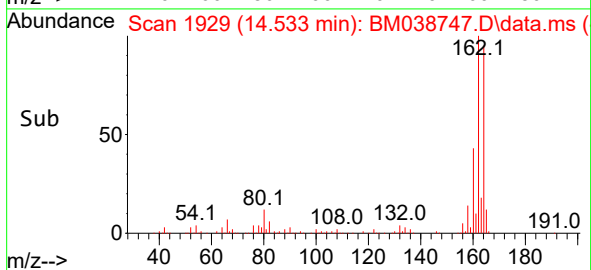
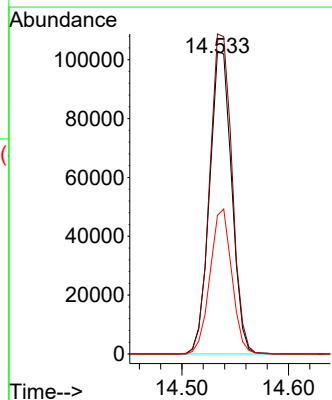
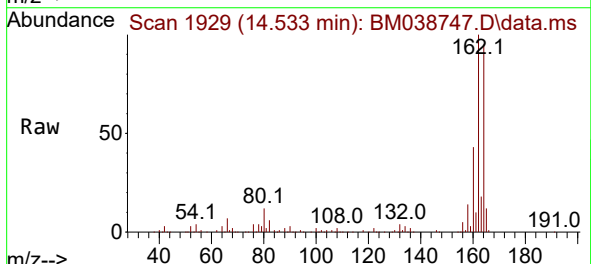
Instrument :
BNA_M
ClientSampleId :
TEST-PIT-1-(TP1)-COMP-1

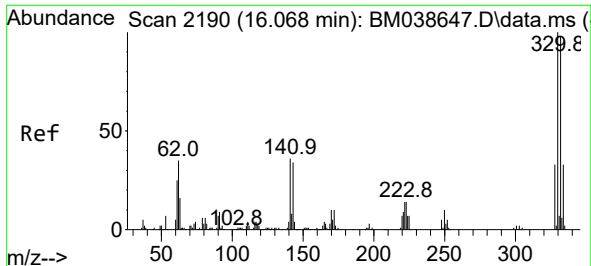
Tgt Ion: 82 Resp: 229789
Ion Ratio Lower Upper
82 100
128 48.8 36.0 54.0
54 42.7 36.8 55.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.533 min Scan# 1929
Delta R.T. -0.012 min
Lab File: BM038747.D
Acq: 15 Feb 2023 14:26

Tgt Ion: 164 Resp: 148428
Ion Ratio Lower Upper
164 100
162 105.8 81.4 122.0
160 45.8 36.5 54.7





#42

2,4,6-Tribromophenol

Concen: 102.983 ng

RT: 16.027 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM038747.D

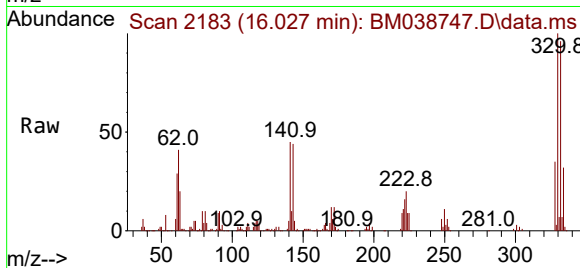
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Instrument :

BNA_M

ClientSampleId :

TEST-PIT-1-(TP1)-COMP-1



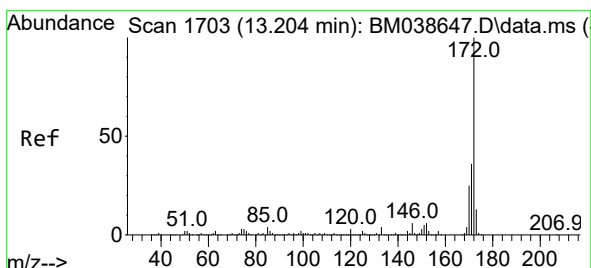
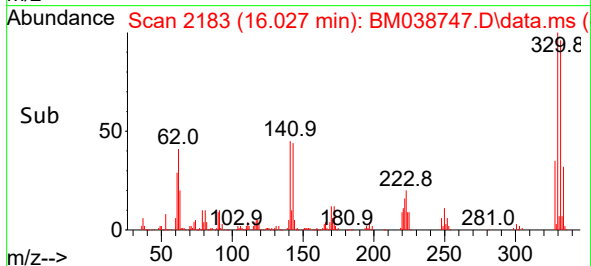
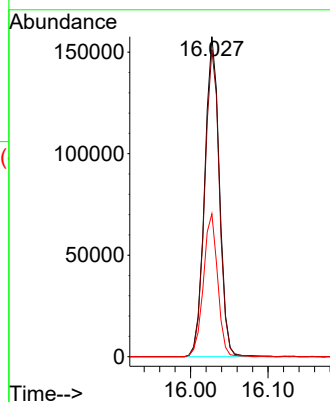
Tgt Ion:330 Resp: 207764

Ion Ratio Lower Upper

330 100

332 95.7 77.8 116.6

141 43.0 31.0 46.6



#45

2-Fluorobiphenyl

Concen: 60.113 ng

RT: 13.163 min Scan# 1696

Delta R.T. -0.006 min

Lab File: BM038747.D

Acq: 15 Feb 2023 14:26

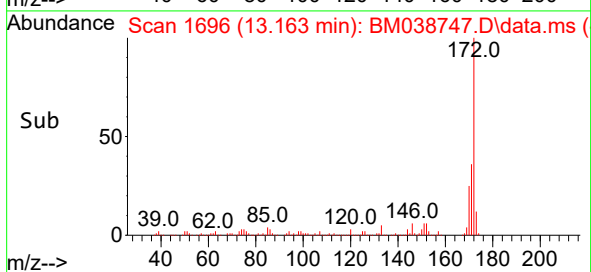
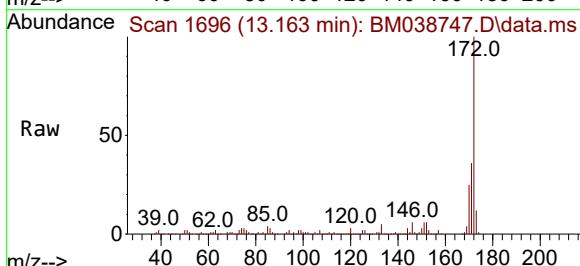
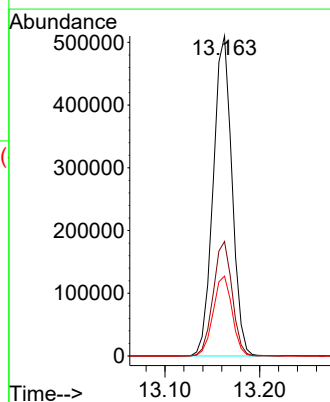
Tgt Ion:172 Resp: 700840

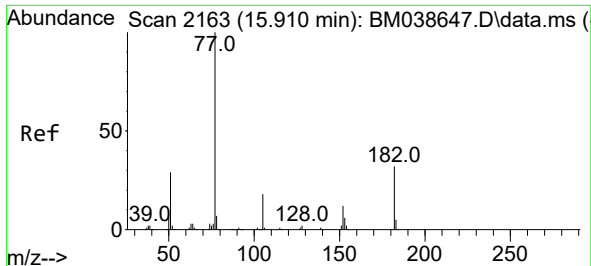
Ion Ratio Lower Upper

172 100

171 35.8 28.7 43.1

170 25.0 20.0 30.0

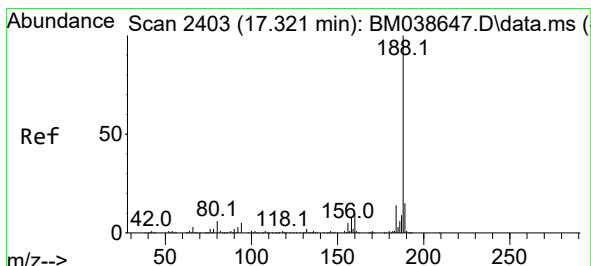
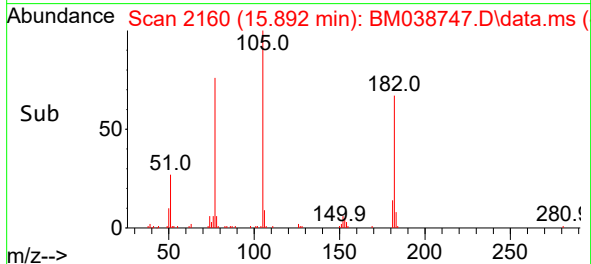
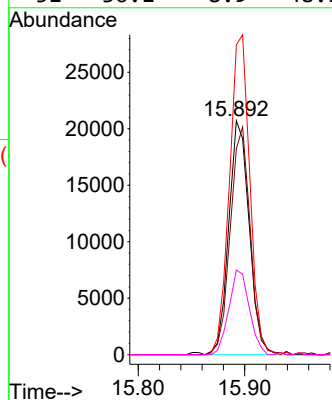
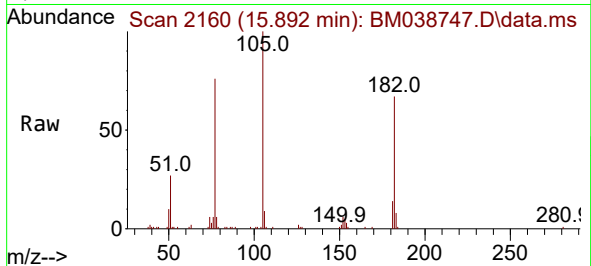




#63
Azobenzene
Concen: 3.119 ng
RT: 15.892 min Scan# 2160
Delta R.T. 0.018 min
Lab File: BM038747.D
Acq: 15 Feb 2023 14:26

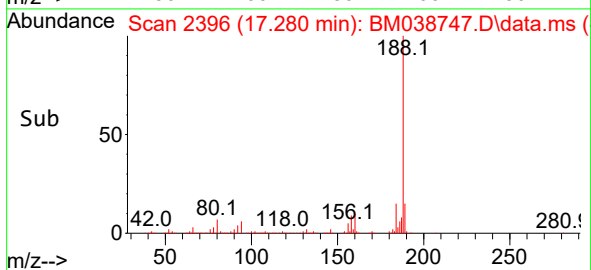
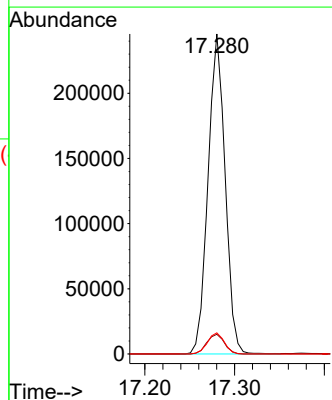
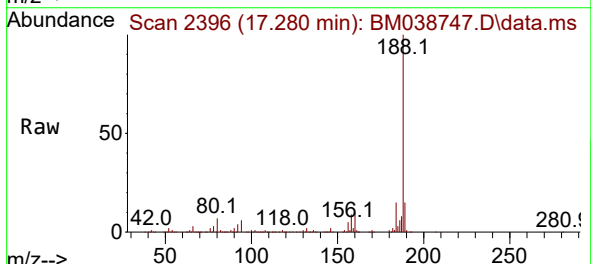
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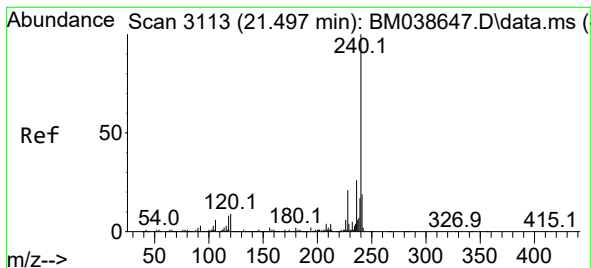
Tgt Ion: 77	Resp: 27532
Ion Ratio	Lower Upper
77 100	
182 88.1	12.0 52.0#
105 132.4	0.0 37.5#
51 36.1	8.9 48.9



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.280 min Scan# 2396
Delta R.T. -0.006 min
Lab File: BM038747.D
Acq: 15 Feb 2023 14:26

Tgt Ion: 188	Resp: 324987
Ion Ratio	Lower Upper
188 100	
94 6.2	4.2 6.4
80 6.6	4.6 7.0





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.456 min Scan# 3113

Delta R.T. -0.006 min

Lab File: BM038747.D

Acq: 15 Feb 2023 14:26

Instrument :

BNA_M

ClientSampleId :

TEST-PIT-1-(TP1)-COMP-1

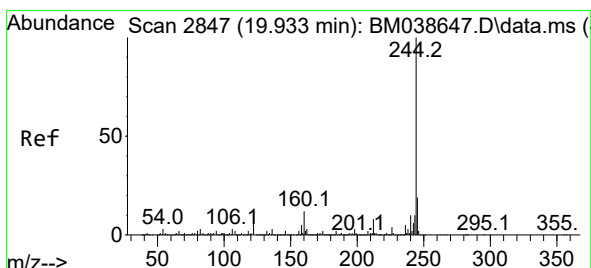
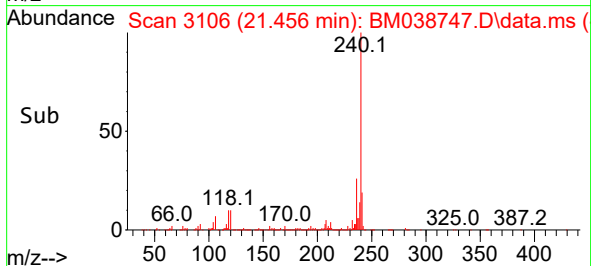
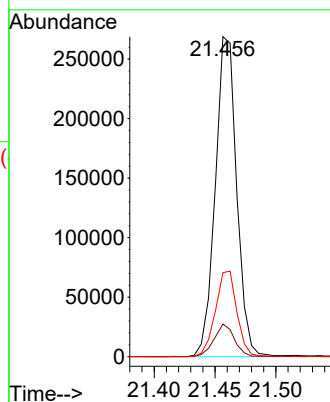
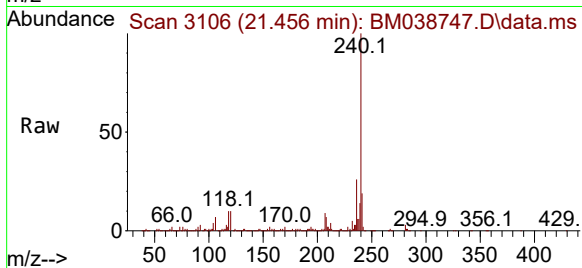
Tgt Ion:240 Resp: 329129

Ion Ratio Lower Upper

240 100

120 10.2 7.0 10.4

236 26.3 20.9 31.3



#79

Terphenyl-d14

Concen: 70.389 ng

RT: 19.904 min Scan# 2842

Delta R.T. 0.000 min

Lab File: BM038747.D

Acq: 15 Feb 2023 14:26

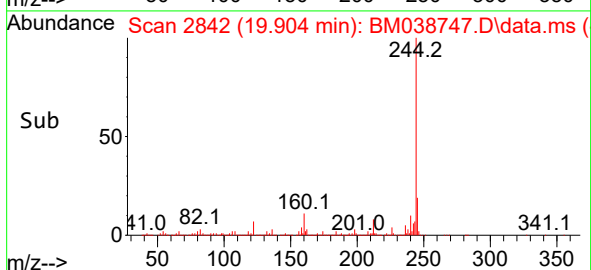
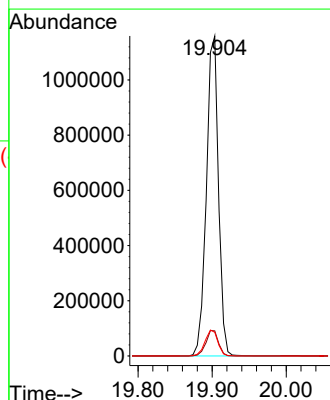
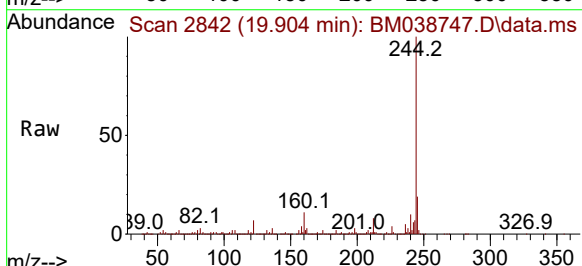
Tgt Ion:244 Resp: 1312827

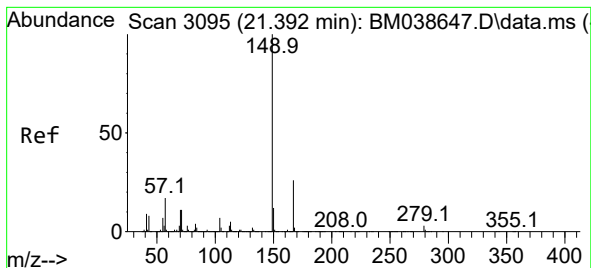
Ion Ratio Lower Upper

244 100

212 7.8 6.6 9.8

122 7.4 7.8 11.8#





#84

Bis(2-ethylhexyl)phthalate

Concen: 3.734 ng

RT: 21.356 min Scan# 3089

Delta R.T. -0.006 min

Lab File: BM038747.D

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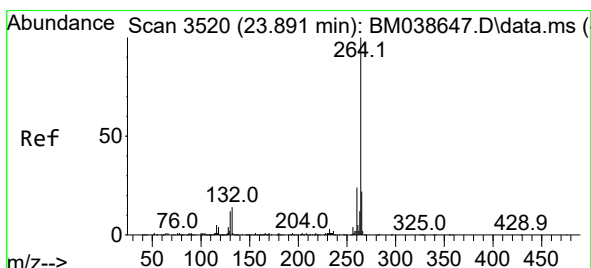
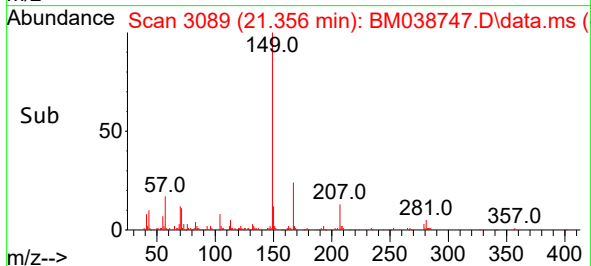
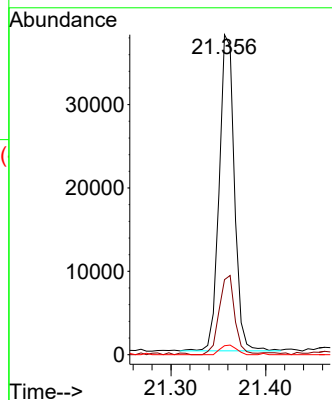
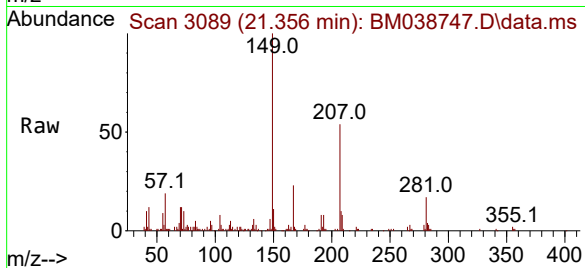
Tgt Ion:149 Resp: 42414

Ion Ratio Lower Upper

149 100

167 23.5 20.8 31.2

279 2.8 2.5 3.7



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.839 min Scan# 3511

Delta R.T. 0.000 min

Lab File: BM038747.D

Acq: 15 Feb 2023 14:26

Tgt Ion:264 Resp: 386333

Ion Ratio Lower Upper

264 100

260 24.0 19.6 29.4

265 21.7 17.9 26.9

