

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM033023\
 Data File : BM039242.D
 Acq On : 31 Mar 2023 00:37
 Operator : CG/JU
 Sample : 02023-05
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 TP-13-TEST-PIT-ON-GRAVELLY

Quant Time: Mar 31 02:44:44 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM032923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 30 05:15:45 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.922	152	212536	20.000	ng	0.00
21) Naphthalene-d8	10.734	136	844015	20.000	ng	0.00
39) Acenaphthene-d10	14.569	164	483653	20.000	ng	0.00
64) Phenanthrene-d10	17.315	188	1019014	20.000	ng	0.00
76) Chrysene-d12	21.492	240	954445	20.000	ng	-0.01
86) Perylene-d12	23.909	264	1076142	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	1491407	105.721	ng	0.00
7) Phenol-d6	7.087	99	1879770	103.022	ng	-0.01
23) Nitrobenzene-d5	9.087	82	1151649	66.317	ng	-0.01
42) 2,4,6-Tribromophenol	16.057	330	623737	101.594	ng	0.00
45) 2-Fluorobiphenyl	13.192	172	2330757	65.294	ng	0.00
79) Terphenyl-d14	19.939	244	3613017	69.939	ng	0.00

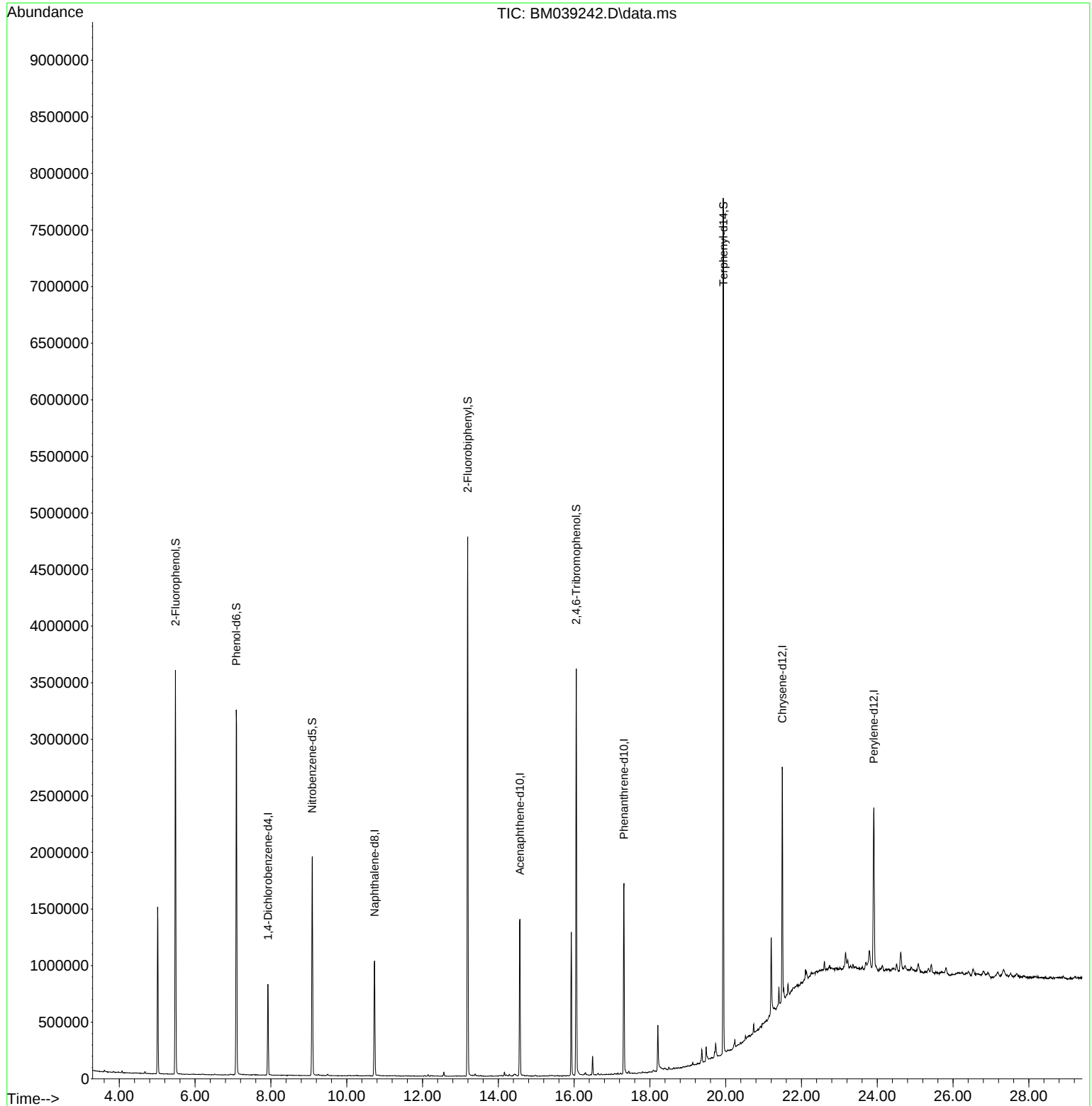
Target Compounds	Qvalue

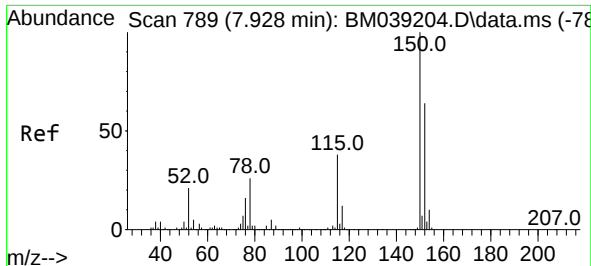
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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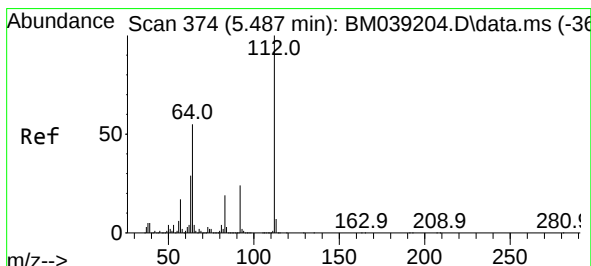
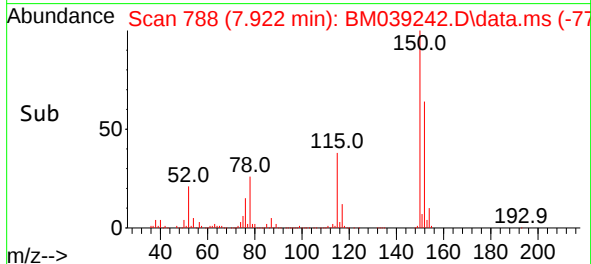
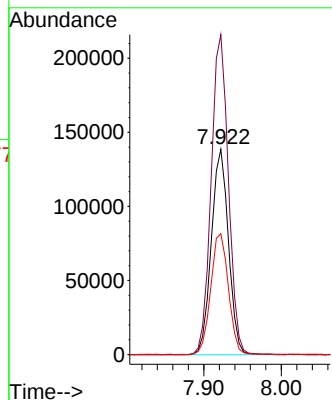
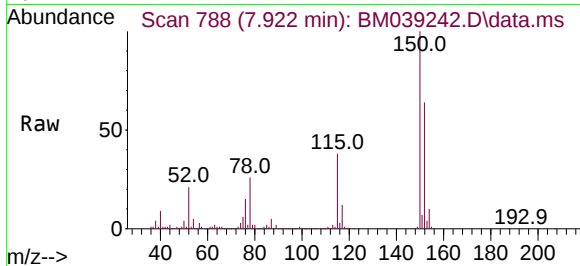




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.922 min Scan# 789
Delta R.T. -0.006 min
Lab File: BM039242.D
Acq: 31 Mar 2023 00:37

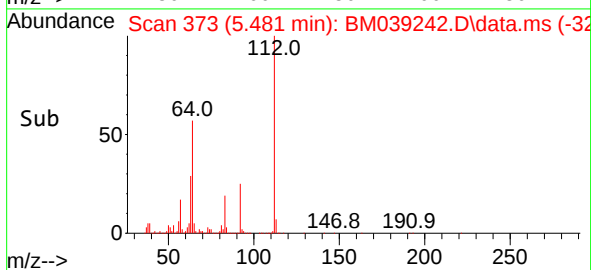
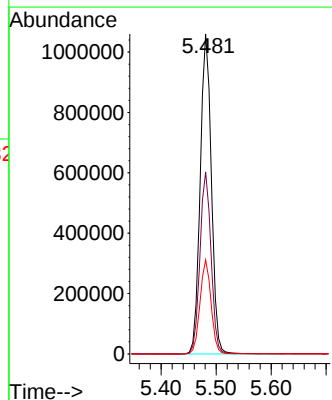
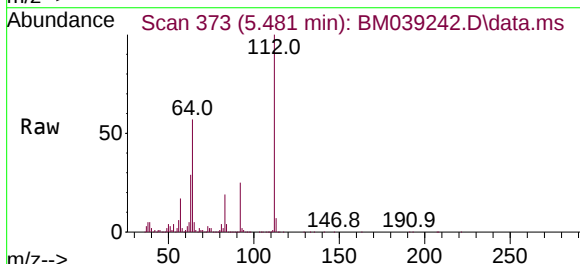
Instrument :
BNA_M
ClientSampleId :
TP-13-TEST-PIT-ON-GRAVELLY

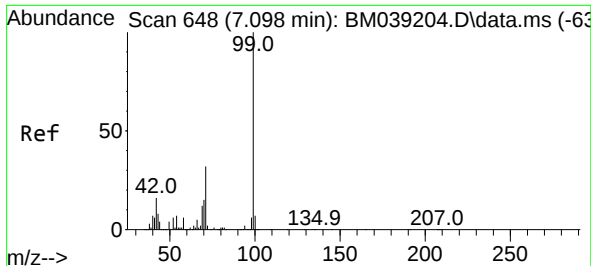
Tgt Ion:152 Resp: 212536
Ion Ratio Lower Upper
152 100
150 155.8 125.5 188.3
115 58.9 48.1 72.1



#5
2-Fluorophenol
Concen: 105.721 ng
RT: 5.481 min Scan# 373
Delta R.T. -0.006 min
Lab File: BM039242.D
Acq: 31 Mar 2023 00:37

Tgt Ion:112 Resp: 1491407
Ion Ratio Lower Upper
112 100
64 56.9 44.3 66.5
63 29.4 23.0 34.6

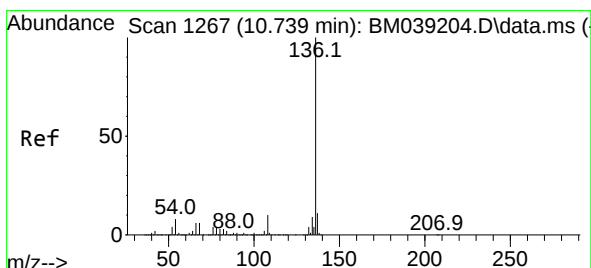
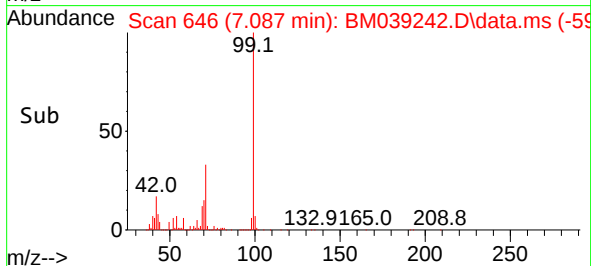
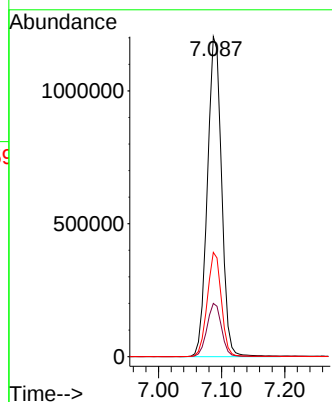
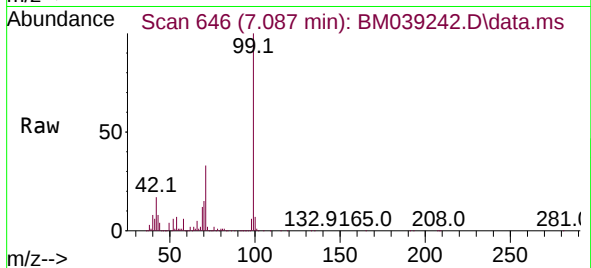




#7
Phenol-d6
Concen: 103.022 ng
RT: 7.087 min Scan# 64
Delta R.T. -0.012 min
Lab File: BM039242.D
Acq: 31 Mar 2023 00:37

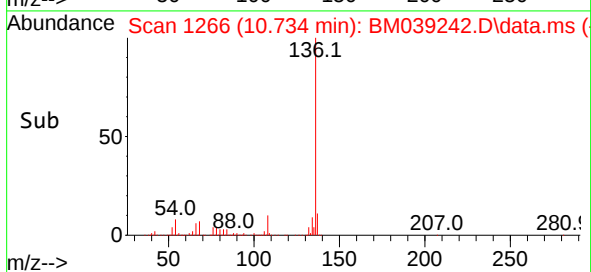
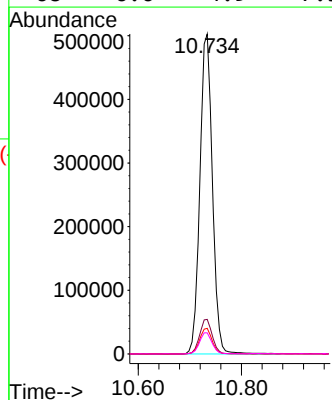
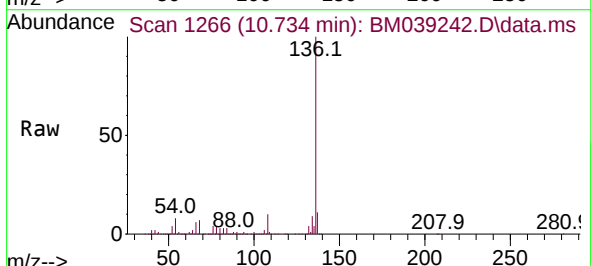
Instrument :
BNA_M
ClientSampleId :
TP-13-TEST-PIT-ON-GRAVELLY

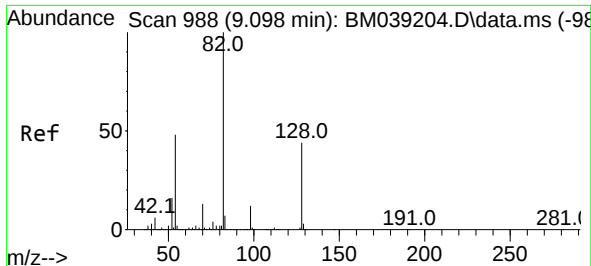
Tgt Ion: 99 Resp: 1879770
Ion Ratio Lower Upper
99 100
42 16.6 13.0 19.6
71 32.6 25.5 38.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.734 min Scan# 1266
Delta R.T. -0.006 min
Lab File: BM039242.D
Acq: 31 Mar 2023 00:37

Tgt Ion:136 Resp: 844015
Ion Ratio Lower Upper
136 100
137 10.8 8.9 13.3
54 8.0 6.2 9.4
68 6.6 4.9 7.3

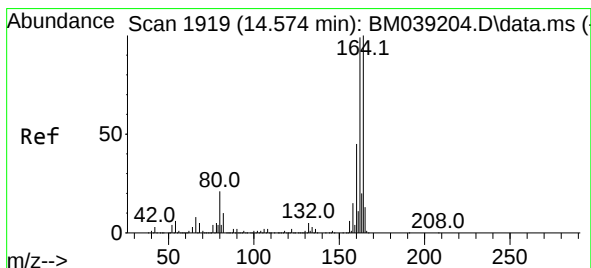
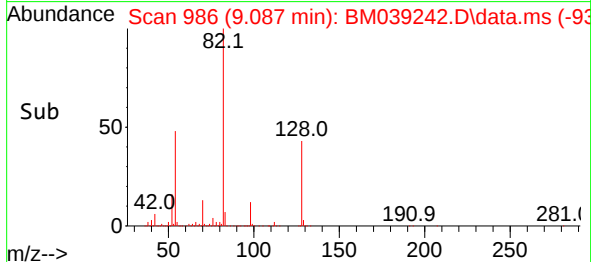
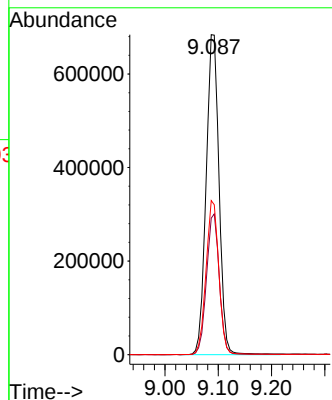
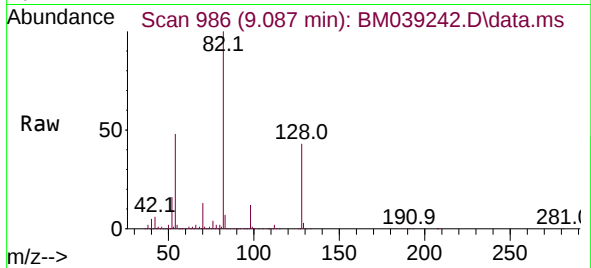




#23
Nitrobenzene-d5
Concen: 66.317 ng
RT: 9.087 min Scan# 988
Delta R.T. -0.012 min
Lab File: BM039242.D
Acq: 31 Mar 2023 00:37

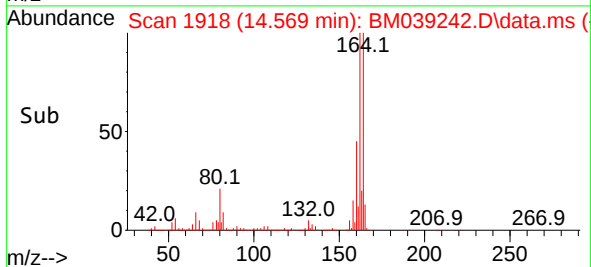
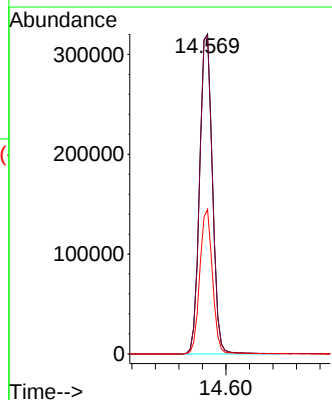
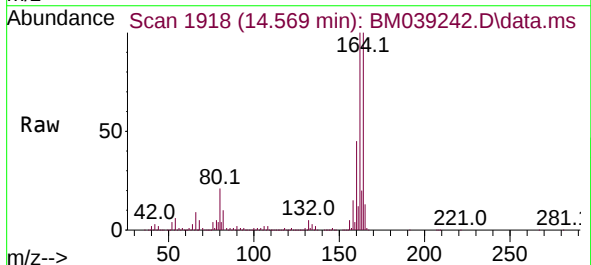
Instrument :
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ClientSampleId :
TP-13-TEST-PIT-ON-GRAVELLY

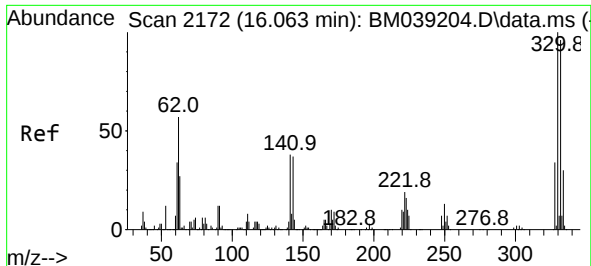
Tgt Ion: 82 Resp: 1151649
Ion Ratio Lower Upper
82 100
128 42.6 35.1 52.7
54 48.1 38.5 57.7



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.569 min Scan# 1918
Delta R.T. -0.005 min
Lab File: BM039242.D
Acq: 31 Mar 2023 00:37

Tgt Ion: 164 Resp: 483653
Ion Ratio Lower Upper
164 100
162 99.5 79.1 118.7
160 45.2 35.8 53.8





#42

2,4,6-Tribromophenol

Concen: 101.594 ng

RT: 16.057 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM039242.D

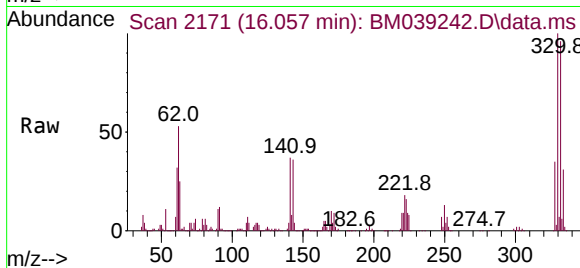
Acq: 31 Mar 2023 00:37

Instrument :

BNA_M

ClientSampleId :

TP-13-TEST-PIT-ON-GRAVELLY



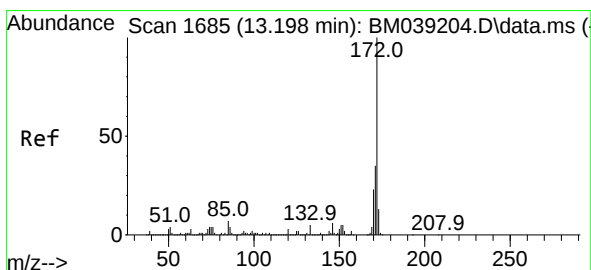
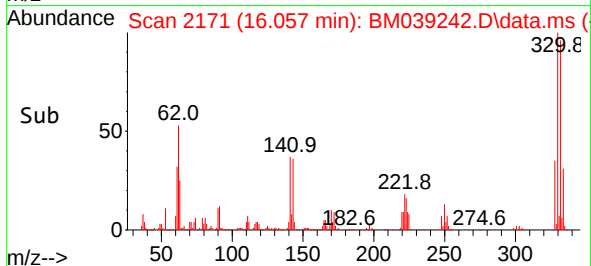
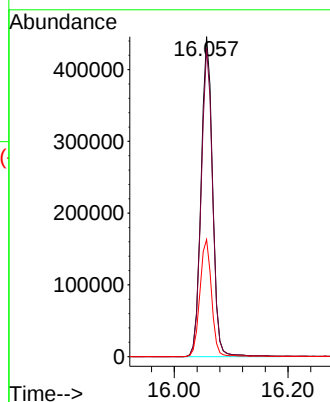
Tgt Ion:330 Resp: 623737

Ion Ratio Lower Upper

330 100

332 96.2 77.4 116.0

141 37.1 29.8 44.6



#45

2-Fluorobiphenyl

Concen: 65.294 ng

RT: 13.192 min Scan# 1684

Delta R.T. -0.006 min

Lab File: BM039242.D

Acq: 31 Mar 2023 00:37

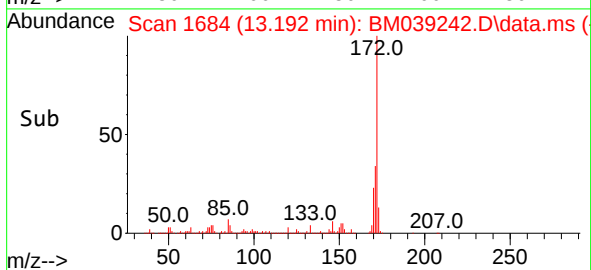
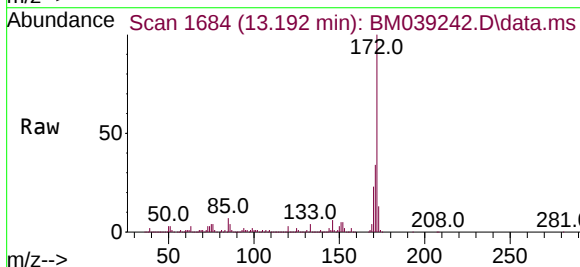
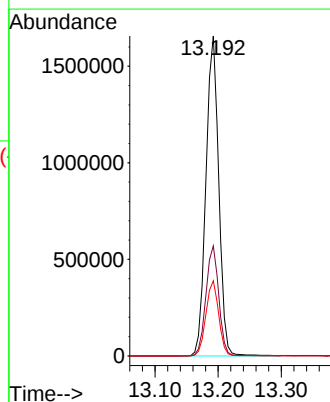
Tgt Ion:172 Resp: 2330757

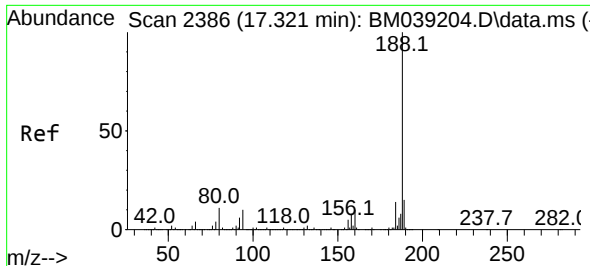
Ion Ratio Lower Upper

172 100

171 34.4 28.0 42.0

170 23.5 18.7 28.1

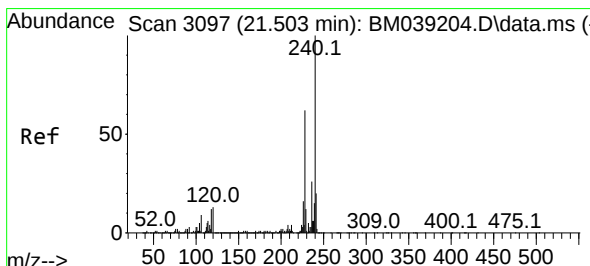
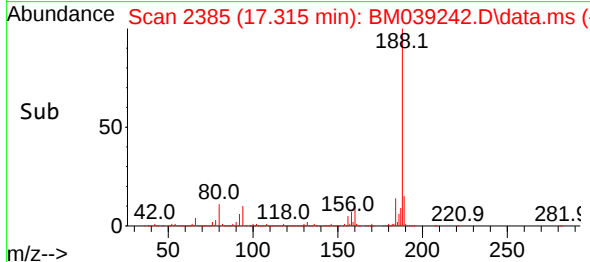
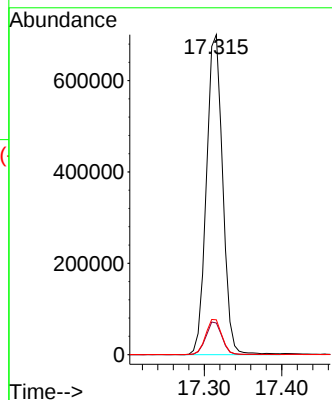
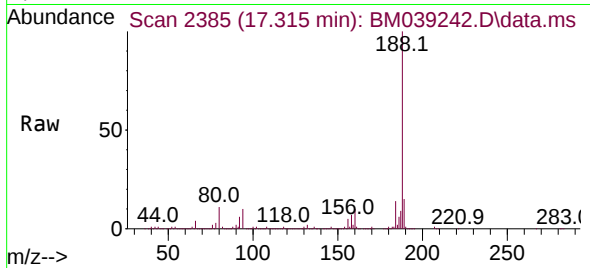




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.315 min Scan# 2385
Delta R.T. -0.006 min
Lab File: BM039242.D
Acq: 31 Mar 2023 00:37

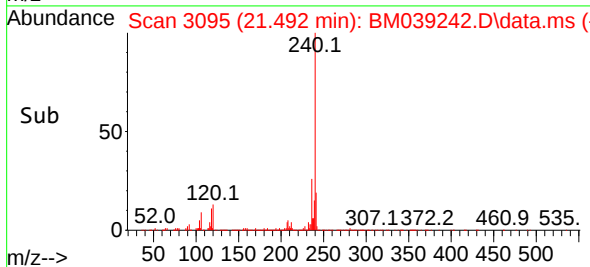
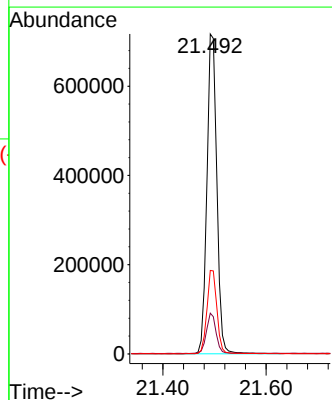
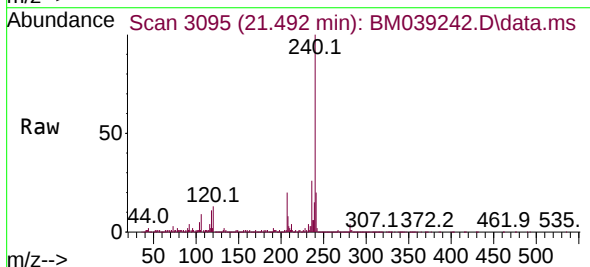
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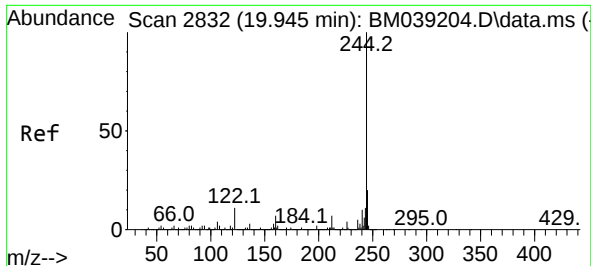
Tgt Ion:188 Resp: 1019014
Ion Ratio Lower Upper
188 100
94 9.9 8.2 12.4
80 10.9 8.9 13.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.492 min Scan# 3095
Delta R.T. -0.012 min
Lab File: BM039242.D
Acq: 31 Mar 2023 00:37

Tgt Ion:240 Resp: 954445
Ion Ratio Lower Upper
240 100
120 12.7 10.2 15.2
236 26.1 20.9 31.3

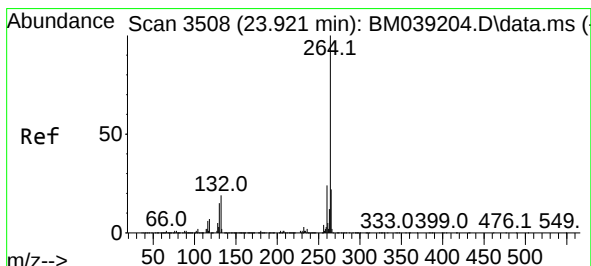
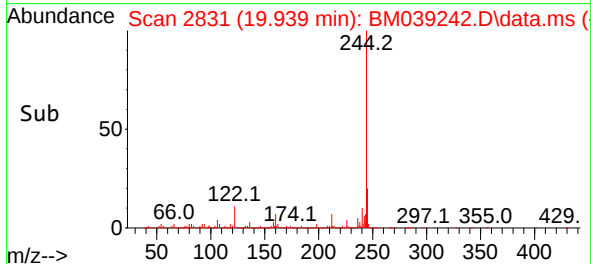
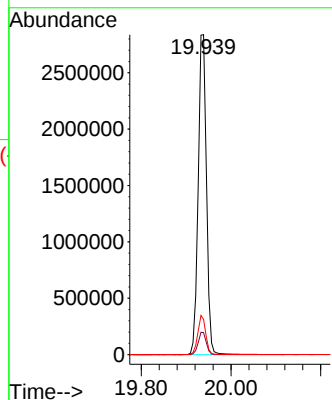
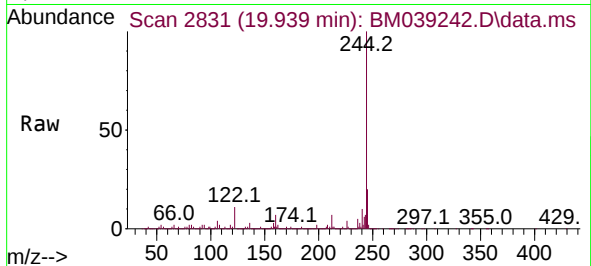




#79
 Terphenyl-d14
 Concen: 69.939 ng
 RT: 19.939 min Scan# 2831
 Delta R.T. -0.006 min
 Lab File: BM039242.D
 Acq: 31 Mar 2023 00:37

Instrument :
 BNA_M
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Tgt Ion:244 Resp: 3613017
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.6 8.4
 122 11.0 9.1 13.7



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.909 min Scan# 3506
 Delta R.T. -0.012 min
 Lab File: BM039242.D
 Acq: 31 Mar 2023 00:37

Tgt Ion:264 Resp: 1076142
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.0 28.6
 265 22.1 18.1 27.1

