

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102922\
 Data File : BM037277.D
 Acq On : 29 Oct 2022 18:49
 Operator : CG/JU
 Sample : N5219-02
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BACKYARD-BOTTOM-A

Quant Time: Oct 31 02:08:06 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM102822.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 31 01:34:15 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.875	152	458852	20.000	ng	0.00
21) Naphthalene-d8	10.675	136	1773257	20.000	ng	0.00
39) Acenaphthene-d10	14.504	164	956567	20.000	ng	0.00
64) Phenanthrene-d10	17.245	188	1707019	20.000	ng	0.00
76) Chrysene-d12	21.415	240	1378789	20.000	ng	0.00
86) Perylene-d12	23.774	264	1575057	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.445	112	3817528	143.735	ng	0.00
7) Phenol-d6	7.051	99	5099353	141.464	ng	0.00
23) Nitrobenzene-d5	9.045	82	3123005	88.856	ng	0.00
42) 2,4,6-Tribromophenol	15.992	330	1403591	124.511	ng	0.00
45) 2-Fluorobiphenyl	13.133	172	6270846	87.104	ng	0.00
79) Terphenyl-d14	19.862	244	6957653	90.492	ng	0.00

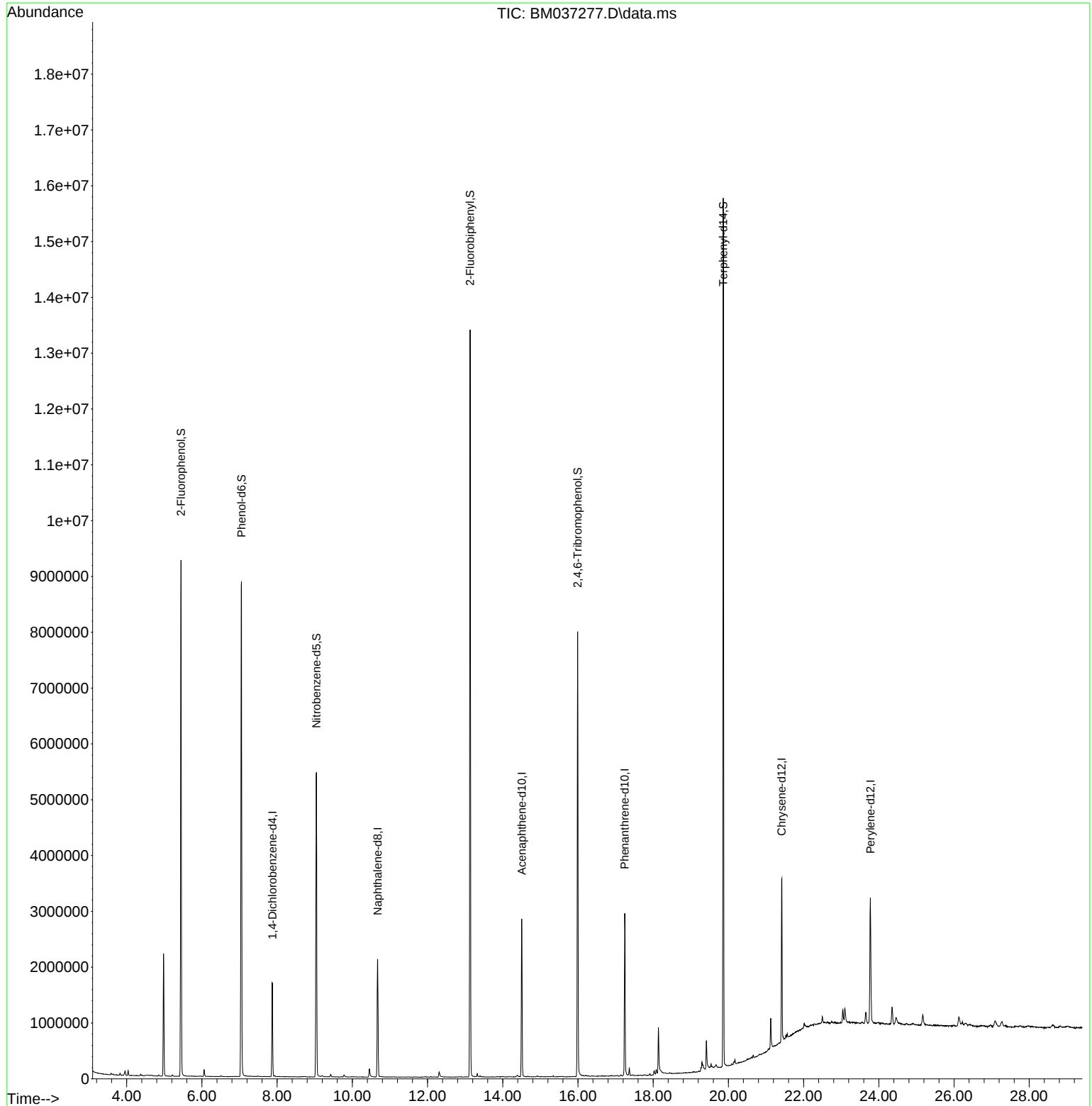
Target Compounds	Qvalue

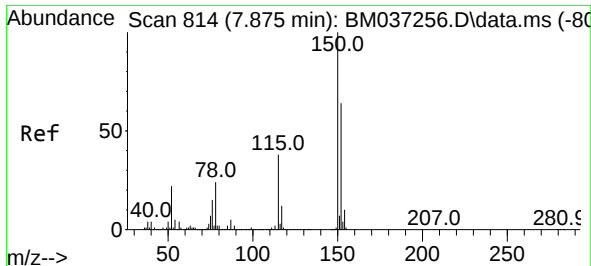
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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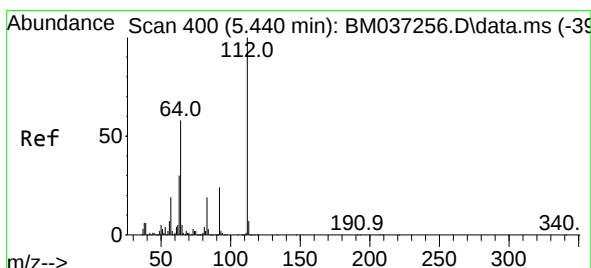
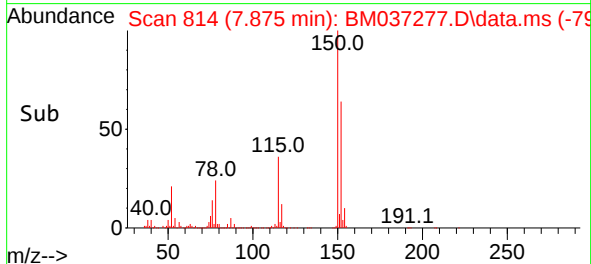
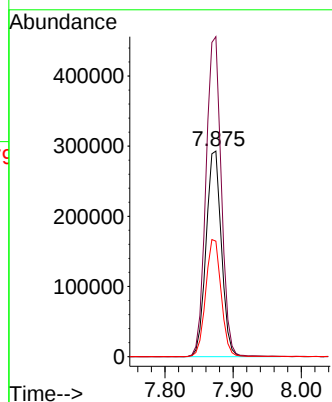
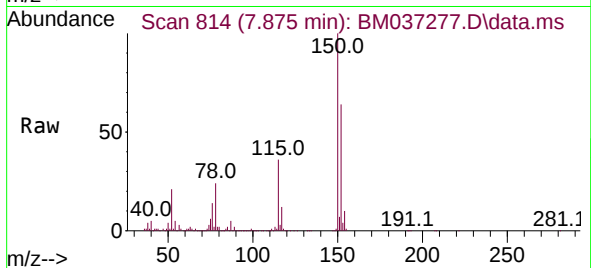




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.875 min Scan# 814
Delta R.T. -0.000 min
Lab File: BM037277.D
Acq: 29 Oct 2022 18:49

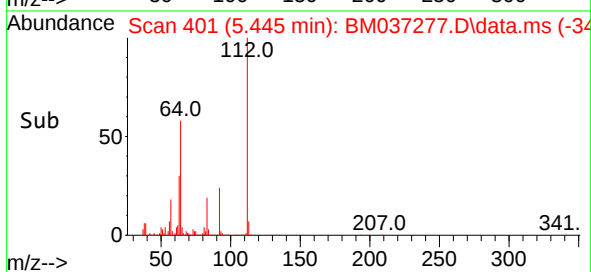
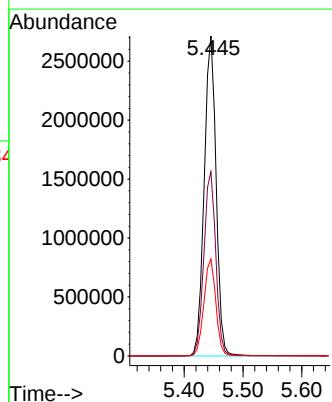
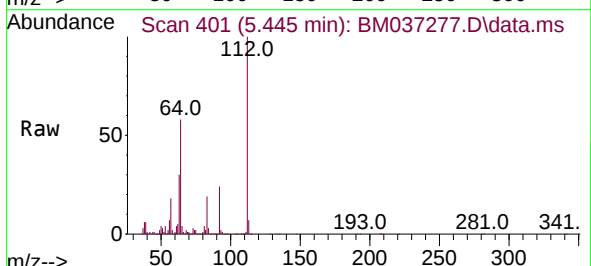
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BNA_M
ClientSampleId :
BACKYARD-BOTTOM-A

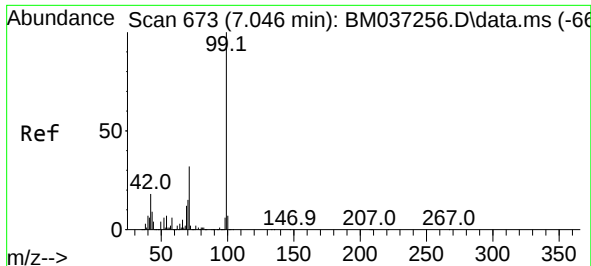
Tgt Ion:152 Resp: 458852
Ion Ratio Lower Upper
152 100
150 155.7 124.8 187.2
115 56.2 47.0 70.4



#5
2-Fluorophenol
Concen: 143.735 ng
RT: 5.445 min Scan# 401
Delta R.T. 0.005 min
Lab File: BM037277.D
Acq: 29 Oct 2022 18:49

Tgt Ion:112 Resp: 3817528
Ion Ratio Lower Upper
112 100
64 57.5 46.8 70.2
63 30.3 24.4 36.6

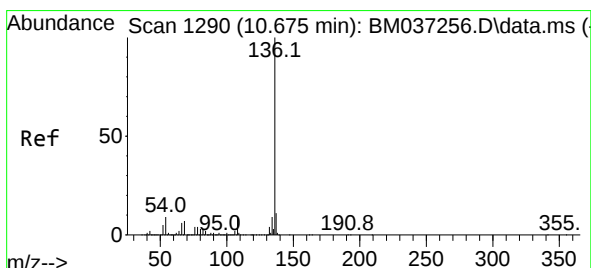
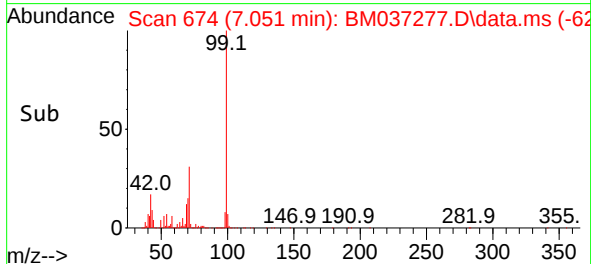
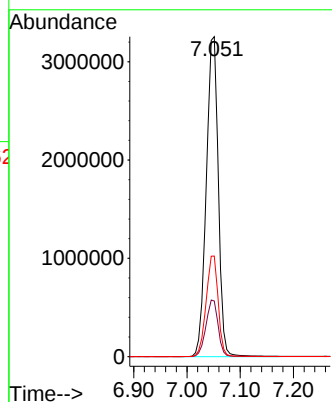
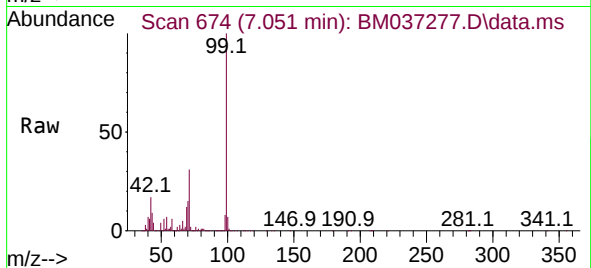




#7
Phenol-d6
Concen: 141.464 ng
RT: 7.051 min Scan# 61
Delta R.T. 0.005 min
Lab File: BM037277.D
Acq: 29 Oct 2022 18:49

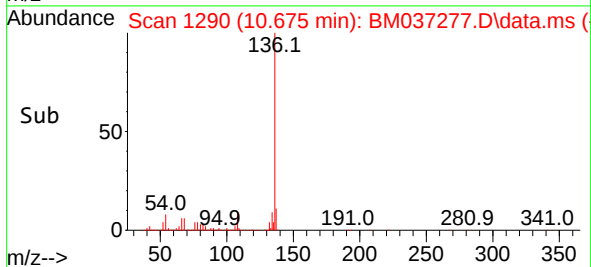
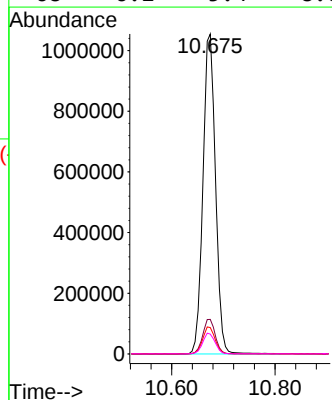
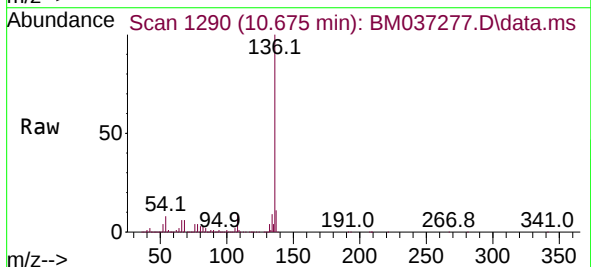
Instrument :
BNA_M
ClientSampleId :
BACKYARD-BOTTOM-A

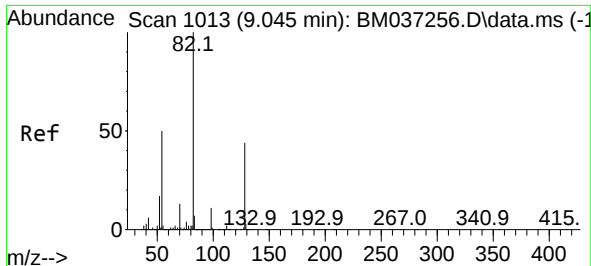
Tgt Ion: 99 Resp: 5099353
Ion Ratio Lower Upper
99 100
42 17.4 14.8 22.2
71 31.4 25.6 38.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.675 min Scan# 1290
Delta R.T. -0.000 min
Lab File: BM037277.D
Acq: 29 Oct 2022 18:49

Tgt Ion: 136 Resp: 1773257
Ion Ratio Lower Upper
136 100
137 10.8 9.0 13.4
54 8.2 7.0 10.4
68 6.2 5.4 8.0

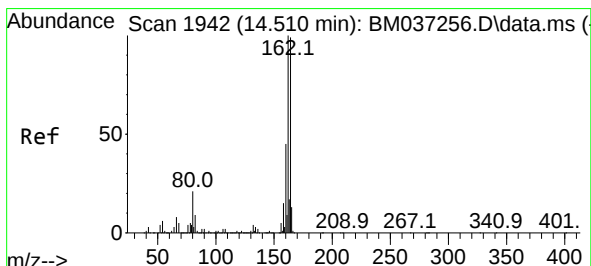
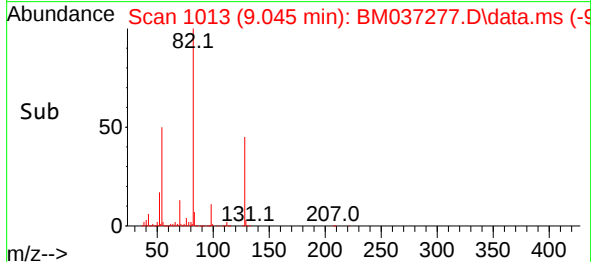
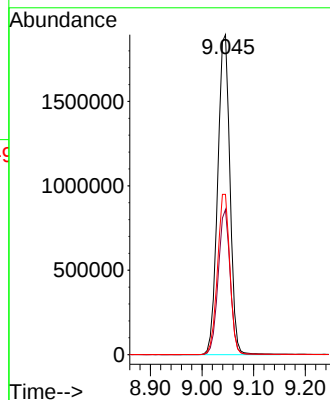
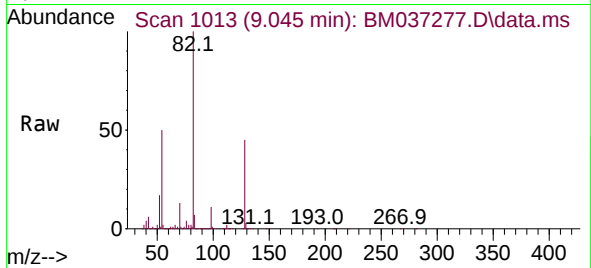




#23
Nitrobenzene-d5
Concen: 88.856 ng
RT: 9.045 min Scan# 1013
Delta R.T. 0.000 min
Lab File: BM037277.D
Acq: 29 Oct 2022 18:49

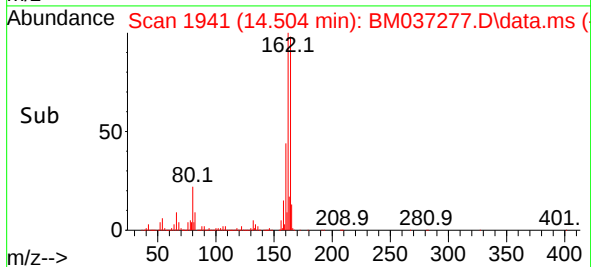
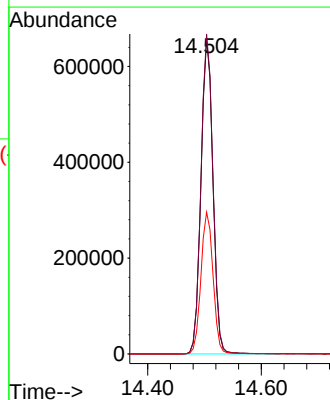
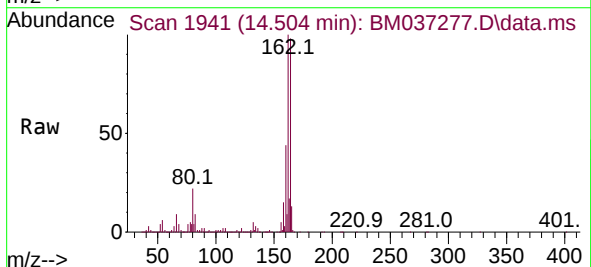
Instrument :
BNA_M
ClientSampleId :
BACKYARD-BOTTOM-A

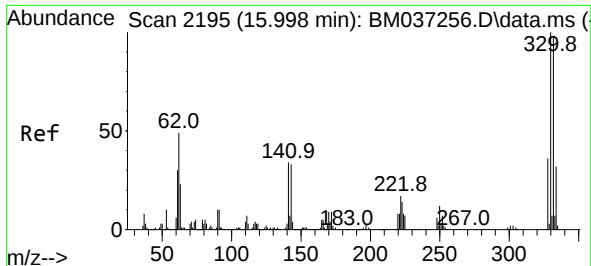
Tgt Ion: 82 Resp: 3123005
Ion Ratio Lower Upper
82 100
128 45.3 35.2 52.8
54 50.1 40.4 60.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.504 min Scan# 1941
Delta R.T. -0.006 min
Lab File: BM037277.D
Acq: 29 Oct 2022 18:49

Tgt Ion: 164 Resp: 956567
Ion Ratio Lower Upper
164 100
162 101.6 80.6 120.8
160 45.0 36.2 54.4

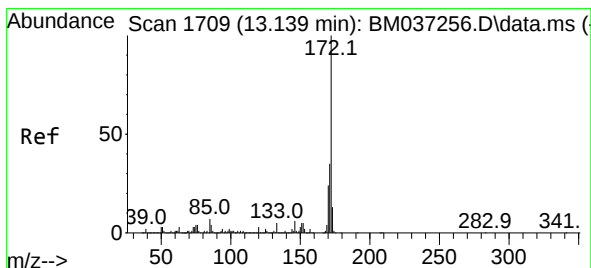
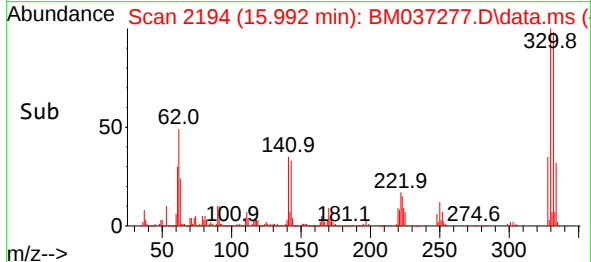
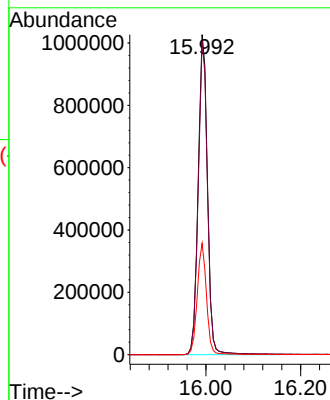
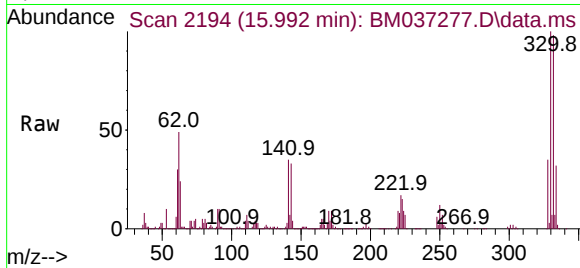




#42
2,4,6-Tribromophenol
Concen: 124.511 ng
RT: 15.992 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM037277.D
Acq: 29 Oct 2022 18:49

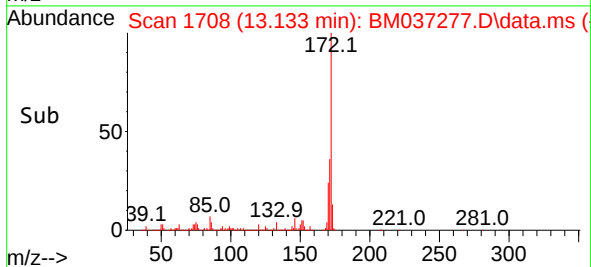
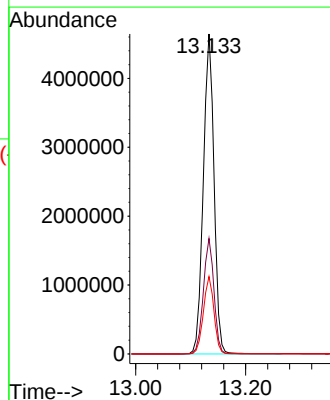
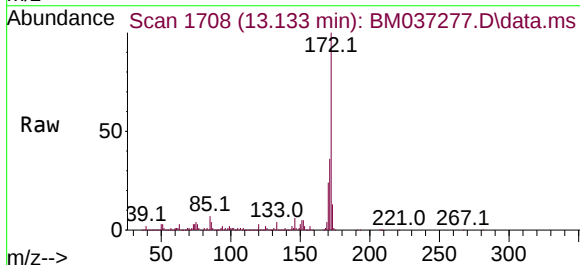
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ClientSampleId :
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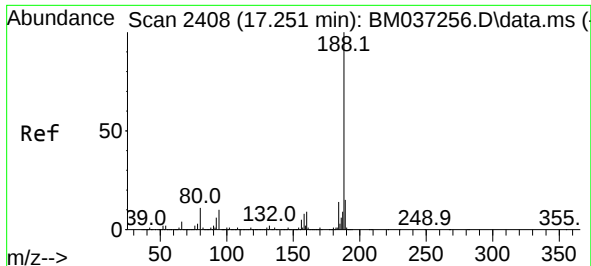
Tgt Ion:330 Resp: 1403591
Ion Ratio Lower Upper
330 100
332 96.5 78.0 117.0
141 34.3 27.5 41.3



#45
2-Fluorobiphenyl
Concen: 87.104 ng
RT: 13.133 min Scan# 1708
Delta R.T. -0.006 min
Lab File: BM037277.D
Acq: 29 Oct 2022 18:49

Tgt Ion:172 Resp: 6270846
Ion Ratio Lower Upper
172 100
171 36.1 28.1 42.1
170 24.2 19.0 28.4

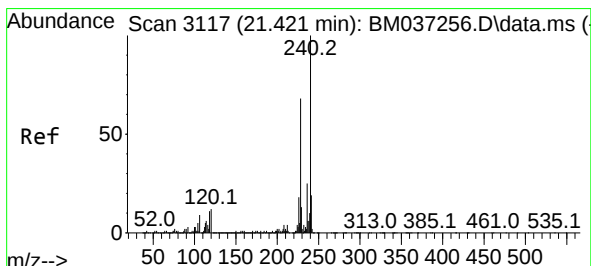
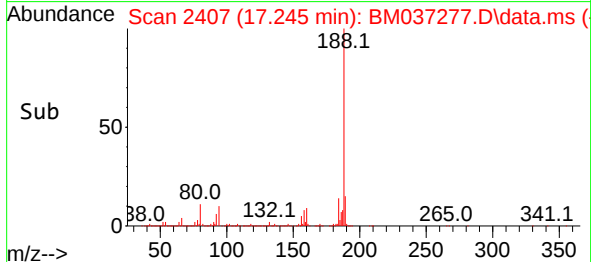
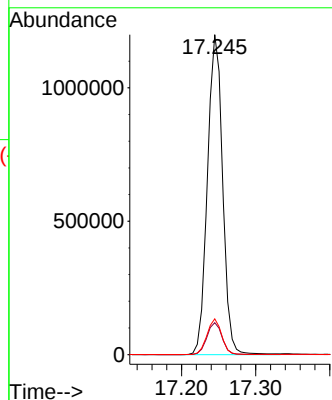
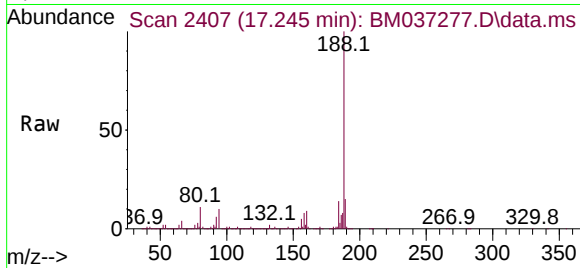




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.245 min Scan# 2408
Delta R.T. -0.006 min
Lab File: BM037277.D
Acq: 29 Oct 2022 18:49

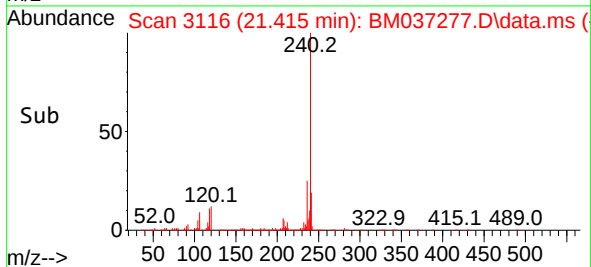
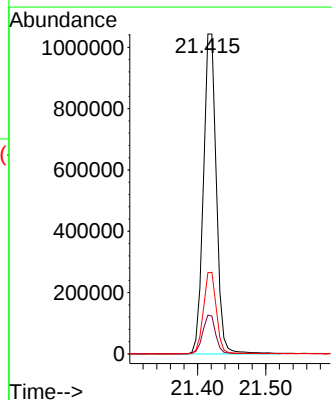
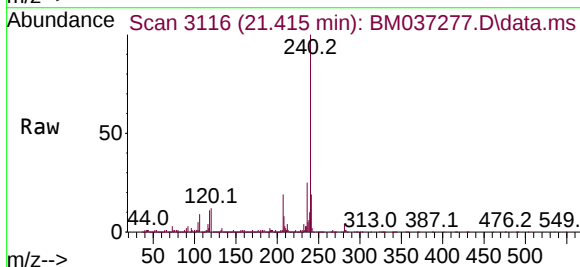
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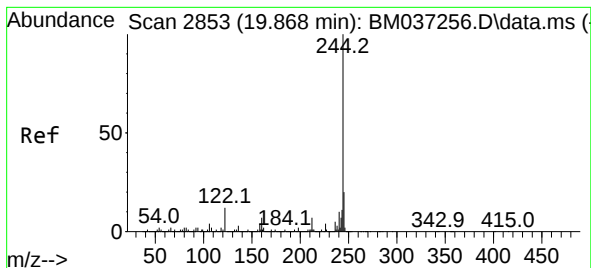
Tgt Ion:188 Resp: 1707019
Ion Ratio Lower Upper
188 100
94 10.0 7.9 11.9
80 11.2 8.5 12.7



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.415 min Scan# 3116
Delta R.T. -0.006 min
Lab File: BM037277.D
Acq: 29 Oct 2022 18:49

Tgt Ion:240 Resp: 1378789
Ion Ratio Lower Upper
240 100
120 12.1 9.9 14.9
236 25.4 20.3 30.5





#79

Terphenyl-d14

Concen: 90.492 ng

RT: 19.862 min Scan# 2853

Delta R.T. -0.006 min

Lab File: BM037277.D

Acq: 29 Oct 2022 18:49

Instrument :

BNA_M

ClientSampleId :

BACKYARD-BOTTOM-A

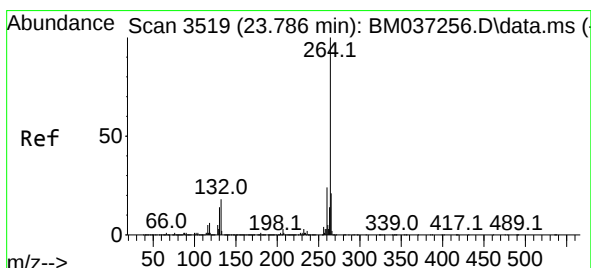
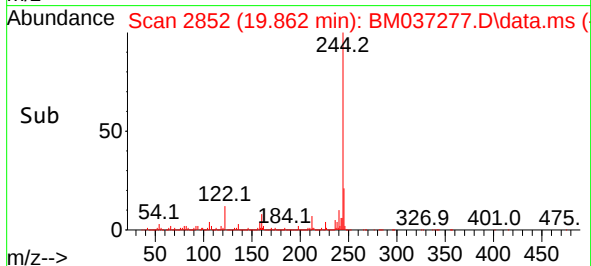
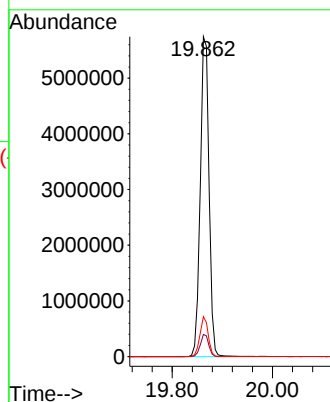
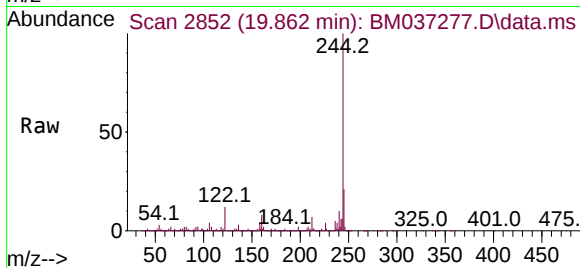
Tgt Ion:244 Resp: 6957653

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.2

122 12.5 9.4 14.2



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.774 min Scan# 3517

Delta R.T. -0.012 min

Lab File: BM037277.D

Acq: 29 Oct 2022 18:49

Tgt Ion:264 Resp: 1575057

Ion Ratio Lower Upper

264 100

260 23.4 18.9 28.3

265 22.3 17.7 26.5

