

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102922\
 Data File : BM037273.D
 Acq On : 29 Oct 2022 16:27
 Operator : CG/JU
 Sample : N5219-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BACKYARD-SURFACE-A

Quant Time: Oct 31 02:06:29 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	457771	20.000	ng	0.00
21) Naphthalene-d8	10.674	136	1792376	20.000	ng	0.00
39) Acenaphthene-d10	14.504	164	1006406	20.000	ng	0.00
64) Phenanthrene-d10	17.245	188	1858236	20.000	ng	0.00
76) Chrysene-d12	21.421	240	1370477	20.000	ng	0.00
86) Perylene-d12	23.779	264	1359300	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.445	112	2690988	101.559	ng	0.00
7) Phenol-d6	7.045	99	3492578	97.119	ng	0.00
23) Nitrobenzene-d5	9.045	82	2095958	58.998	ng	0.00
42) 2,4,6-Tribromophenol	15.992	330	975247	82.229	ng	0.00
45) 2-Fluorobiphenyl	13.133	172	4290160	56.640	ng	0.00
79) Terphenyl-d14	19.868	244	4797434	62.775	ng	0.00

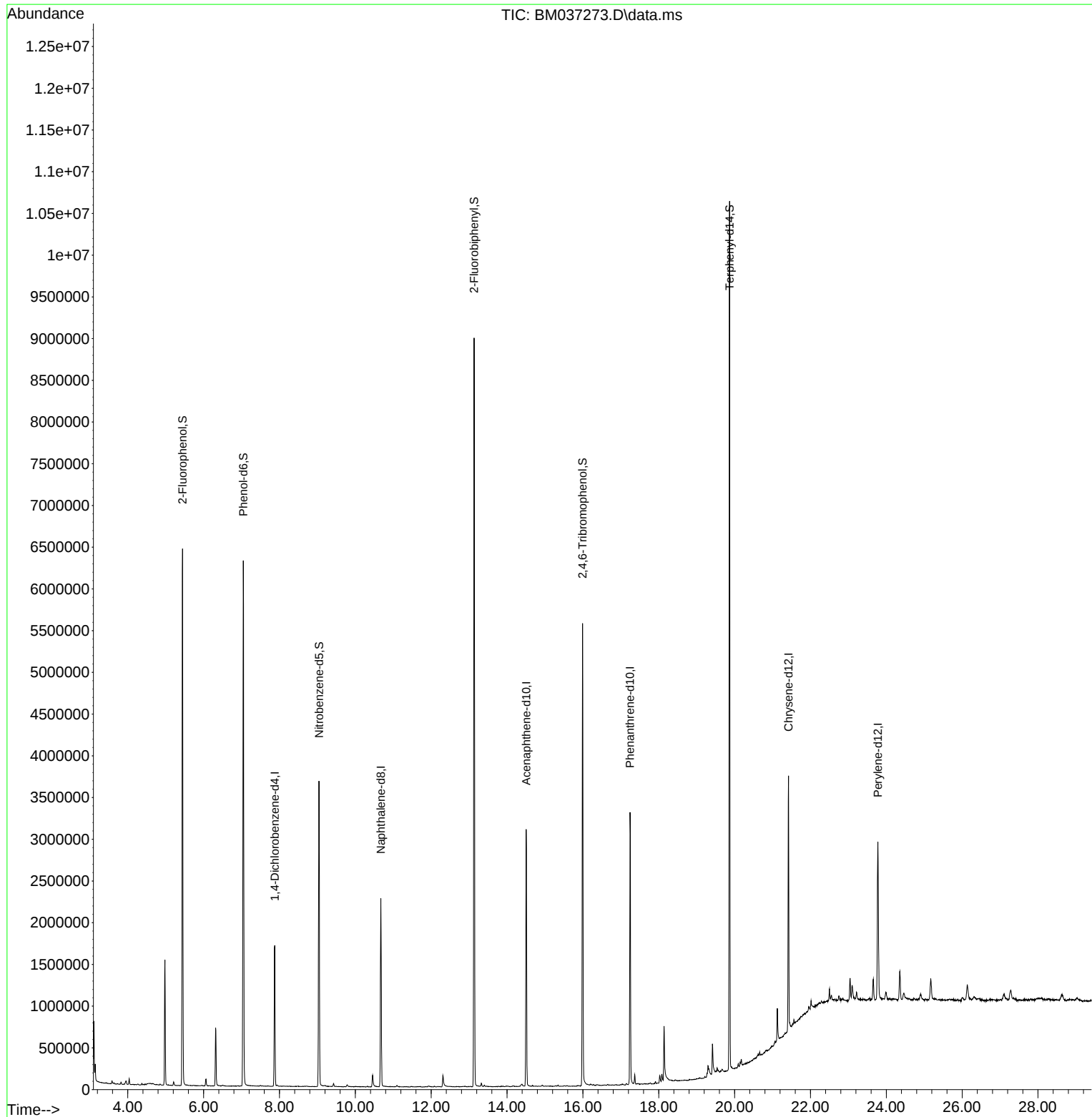
Target Compounds	Qvalue

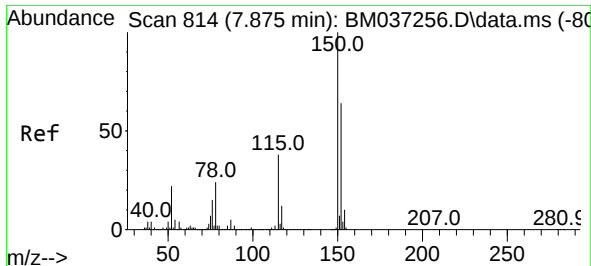
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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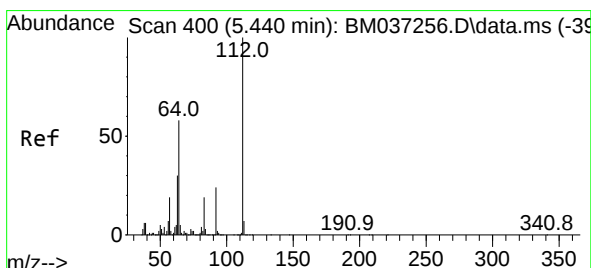
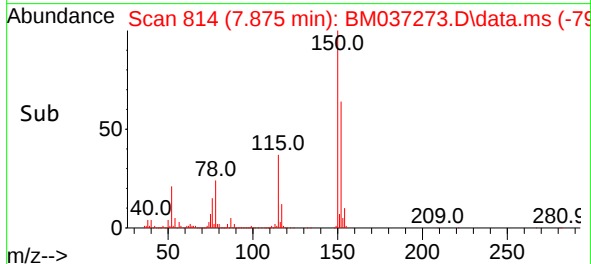
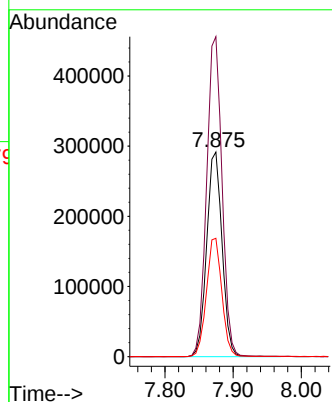
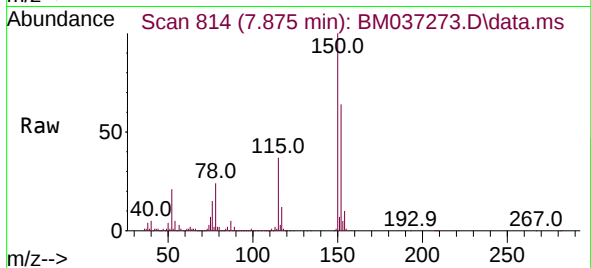




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.875 min Scan# 814
Delta R.T. -0.000 min
Lab File: BM037273.D
Acq: 29 Oct 2022 16:27

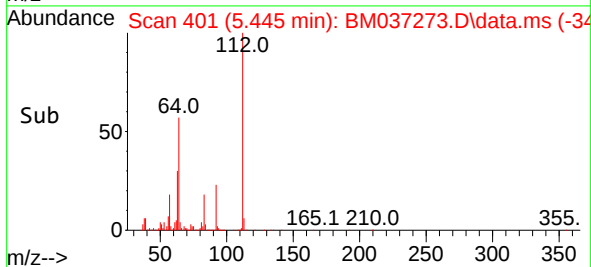
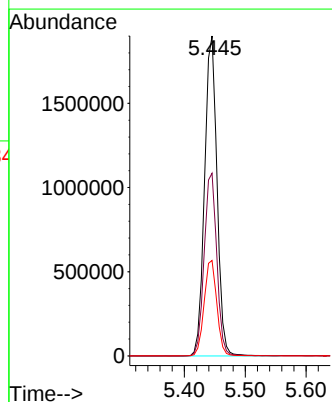
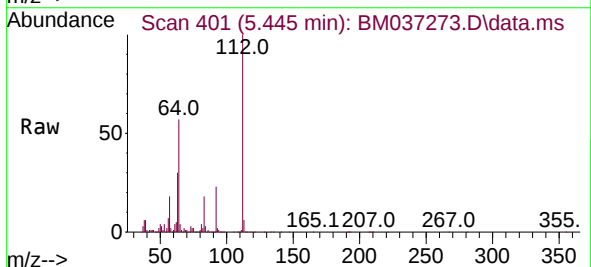
Instrument :
BNA_M
ClientSampleId :
BACKYARD-SURFACE-A

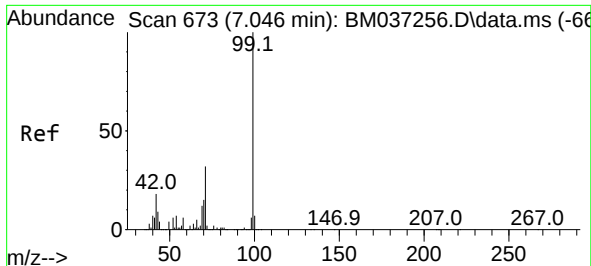
Tgt Ion:152 Resp: 457771
Ion Ratio Lower Upper
152 100
150 156.5 124.8 187.2
115 57.8 47.0 70.4



#5
2-Fluorophenol
Concen: 101.559 ng
RT: 5.445 min Scan# 401
Delta R.T. 0.005 min
Lab File: BM037273.D
Acq: 29 Oct 2022 16:27

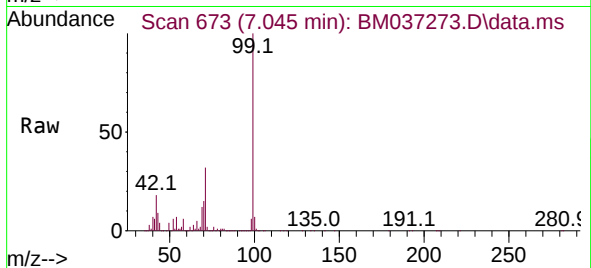
Tgt Ion:112 Resp: 2690988
Ion Ratio Lower Upper
112 100
64 57.1 46.8 70.2
63 29.8 24.4 36.6





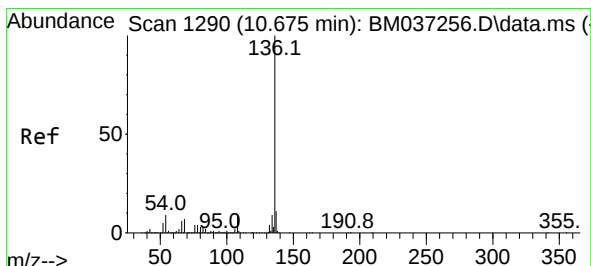
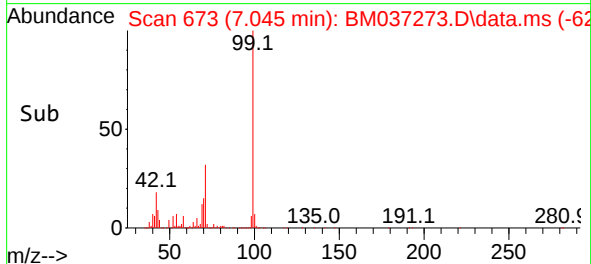
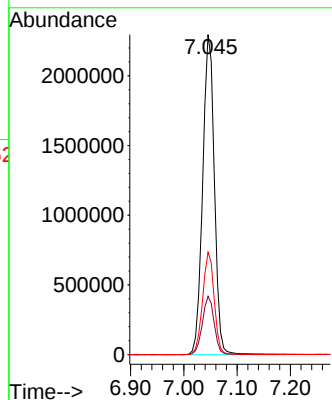
#7
Phenol-d6
Concen: 97.119 ng
RT: 7.045 min Scan# 61
Delta R.T. -0.001 min
Lab File: BM037273.D
Acq: 29 Oct 2022 16:27

Instrument :
BNA_M
ClientSampleId :
BACKYARD-SURFACE-A



Tgt Ion: 99 Resp: 3492578

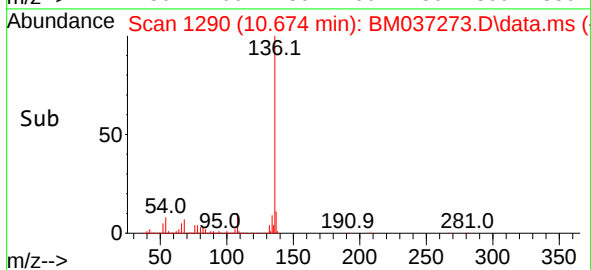
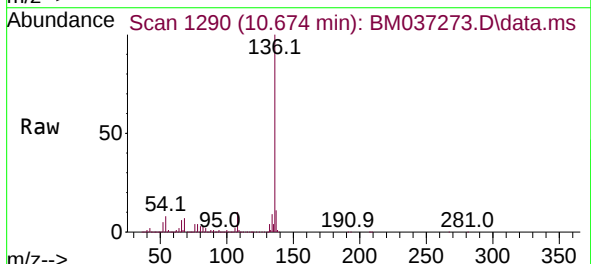
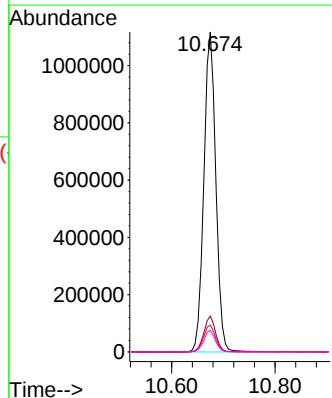
Ion	Ratio	Lower	Upper
99	100		
42	18.2	14.8	22.2
71	32.0	25.6	38.4

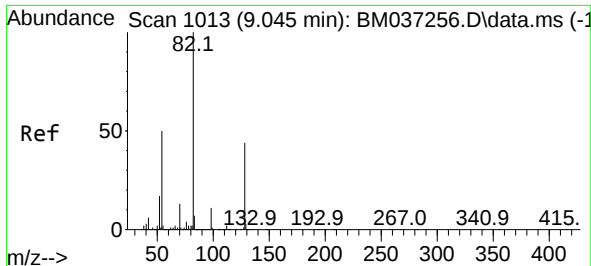


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.674 min Scan# 1290
Delta R.T. -0.001 min
Lab File: BM037273.D
Acq: 29 Oct 2022 16:27

Tgt Ion: 136 Resp: 1792376

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.0	13.4
54	8.4	7.0	10.4
68	6.7	5.4	8.0





#23

Nitrobenzene-d5

Concen: 58.998 ng

RT: 9.045 min Scan# 1013

Delta R.T. 0.000 min

Lab File: BM037273.D

Acq: 29 Oct 2022 16:27

Instrument :

BNA_M

ClientSampleId :

BACKYARD-SURFACE-A

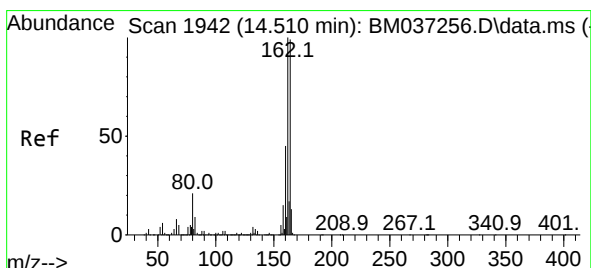
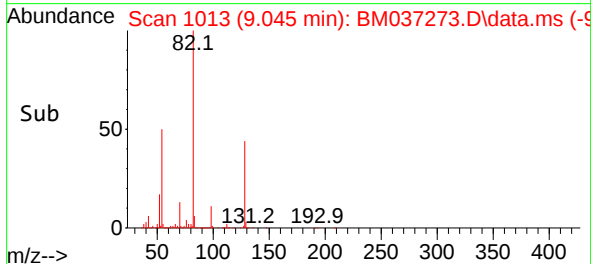
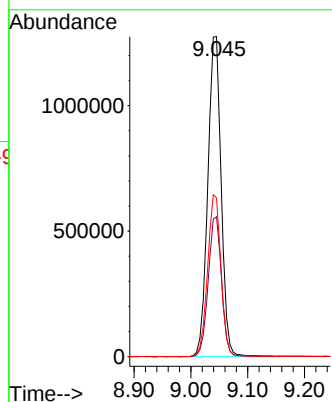
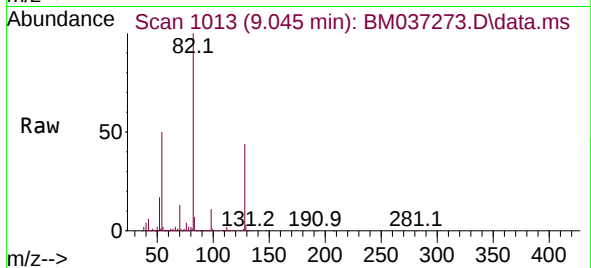
Tgt Ion: 82 Resp: 2095958

Ion Ratio Lower Upper

82 100

128 43.7 35.2 52.8

54 49.6 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: BM037273.D

Acq: 29 Oct 2022 16:27

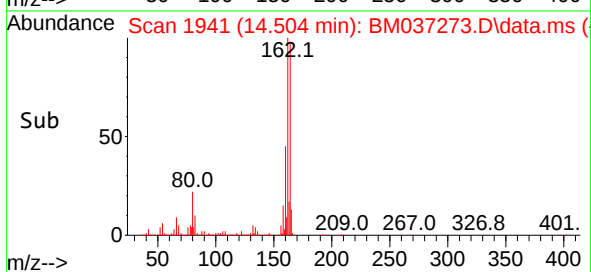
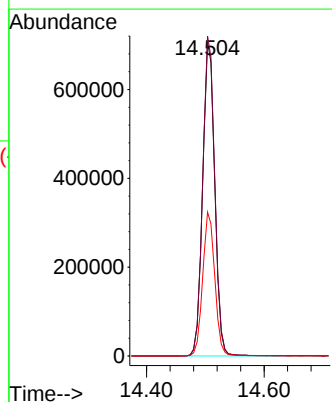
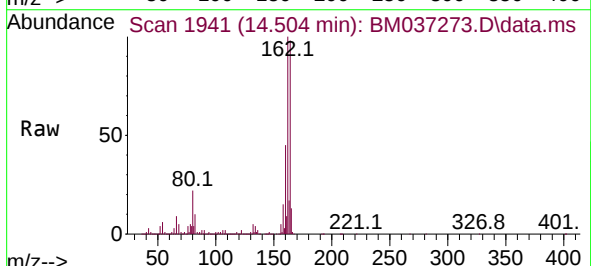
Tgt Ion: 164 Resp: 1006406

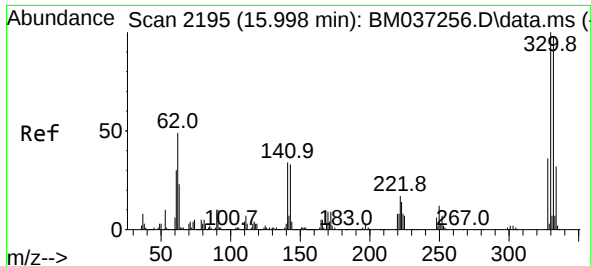
Ion Ratio Lower Upper

164 100

162 102.0 80.6 120.8

160 45.8 36.2 54.4

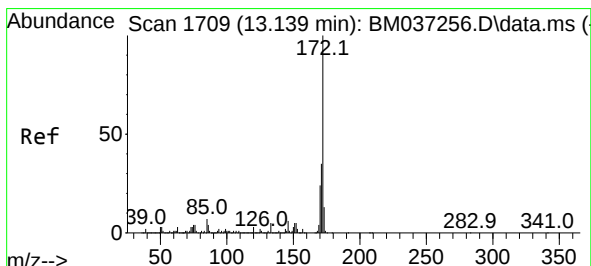
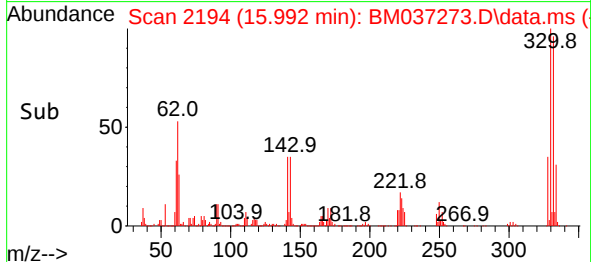
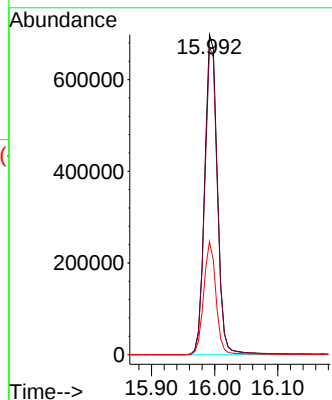
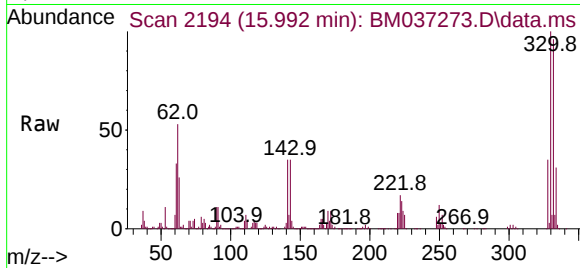




#42
2,4,6-Tribromophenol
Concen: 82.229 ng
RT: 15.992 min Scan# 2195
Delta R.T. -0.006 min
Lab File: BM037273.D
Acq: 29 Oct 2022 16:27

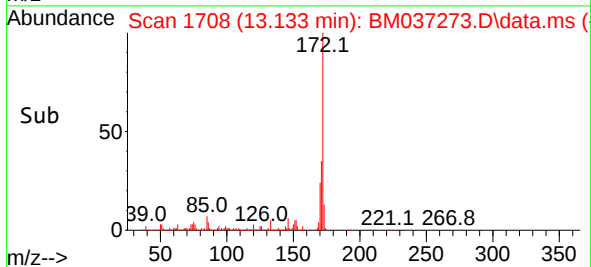
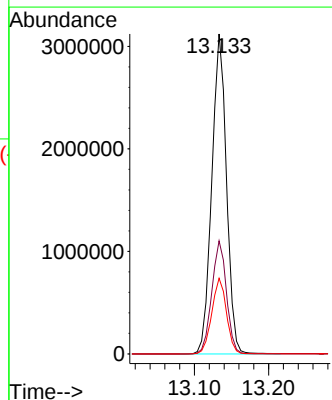
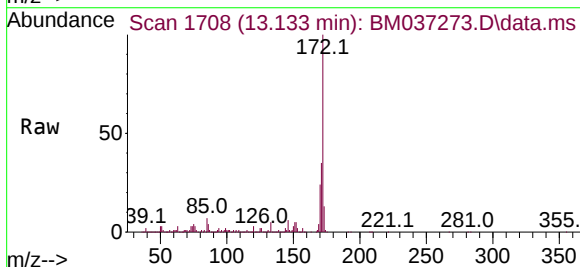
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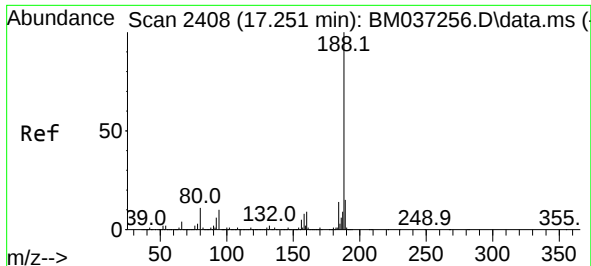
Tgt Ion:330 Resp: 975247
Ion Ratio Lower Upper
330 100
332 96.5 78.0 117.0
141 34.4 27.5 41.3



#45
2-Fluorobiphenyl
Concen: 56.640 ng
RT: 13.133 min Scan# 1708
Delta R.T. -0.006 min
Lab File: BM037273.D
Acq: 29 Oct 2022 16:27

Tgt Ion:172 Resp: 4290160
Ion Ratio Lower Upper
172 100
171 35.3 28.1 42.1
170 23.6 19.0 28.4

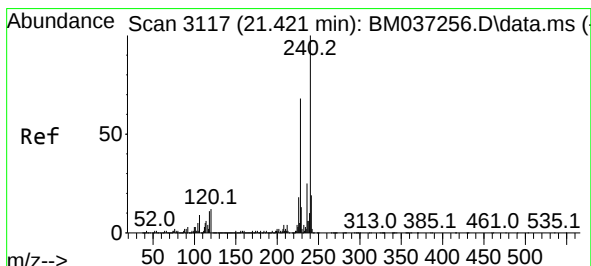
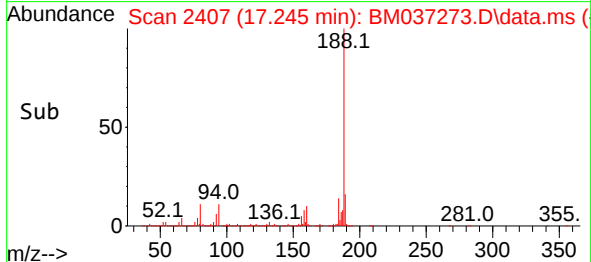
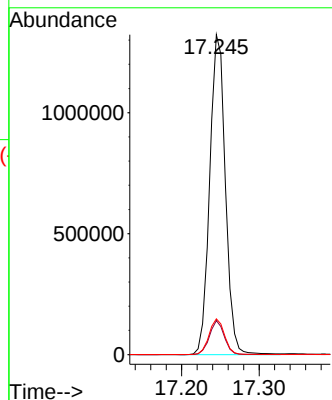
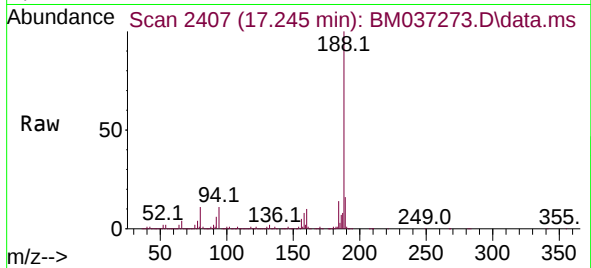




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.245 min Scan# 2408
Delta R.T. -0.006 min
Lab File: BM037273.D
Acq: 29 Oct 2022 16:27

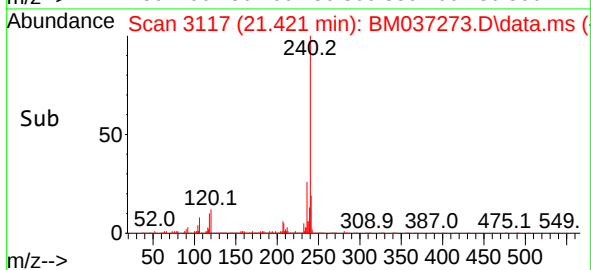
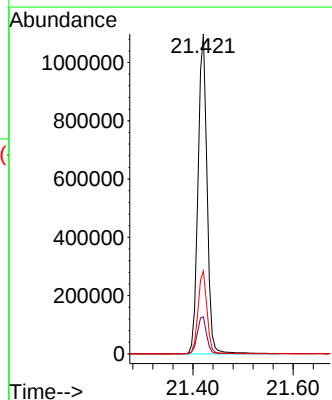
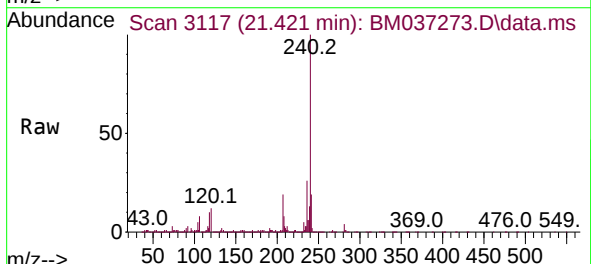
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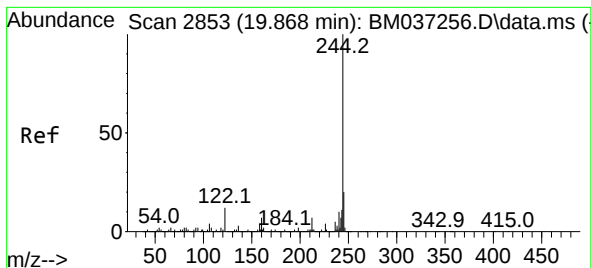
Tgt Ion:188 Resp: 1858236
Ion Ratio Lower Upper
188 100
94 10.6 7.9 11.9
80 11.2 8.5 12.7



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.421 min Scan# 3117
Delta R.T. -0.000 min
Lab File: BM037273.D
Acq: 29 Oct 2022 16:27

Tgt Ion:240 Resp: 1370477
Ion Ratio Lower Upper
240 100
120 11.6 9.9 14.9
236 25.9 20.3 30.5





#79

Terphenyl-d14

Concen: 62.775 ng

RT: 19.868 min Scan# 2853

Delta R.T. 0.000 min

Lab File: BM037273.D

Acq: 29 Oct 2022 16:27

Instrument :

BNA_M

ClientSampleId :

BACKYARD-SURFACE-A

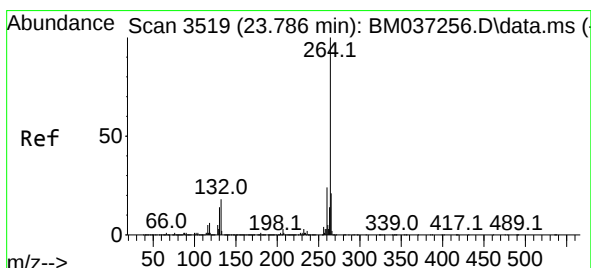
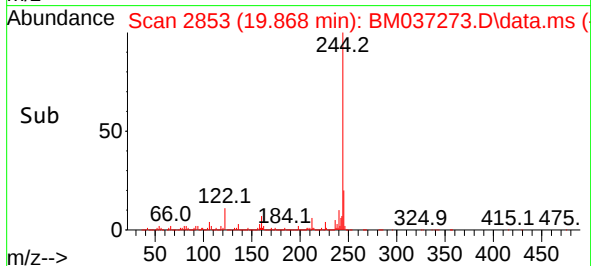
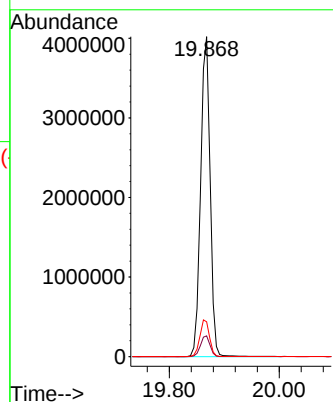
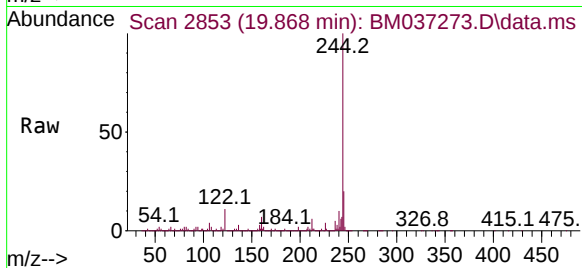
Tgt Ion:244 Resp: 4797434

Ion Ratio Lower Upper

244 100

212 6.5 5.4 8.2

122 10.9 9.4 14.2



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.779 min Scan# 3518

Delta R.T. -0.006 min

Lab File: BM037273.D

Acq: 29 Oct 2022 16:27

Tgt Ion:264 Resp: 1359300

Ion Ratio Lower Upper

264 100

260 23.2 18.9 28.3

265 21.8 17.7 26.5

