

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102922\
 Data File : BM037281.D
 Acq On : 29 Oct 2022 21:11
 Operator : CG/JU
 Sample : N5219-03
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BACKYARD-SURFACE-B

Quant Time: Oct 31 02:09:44 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)

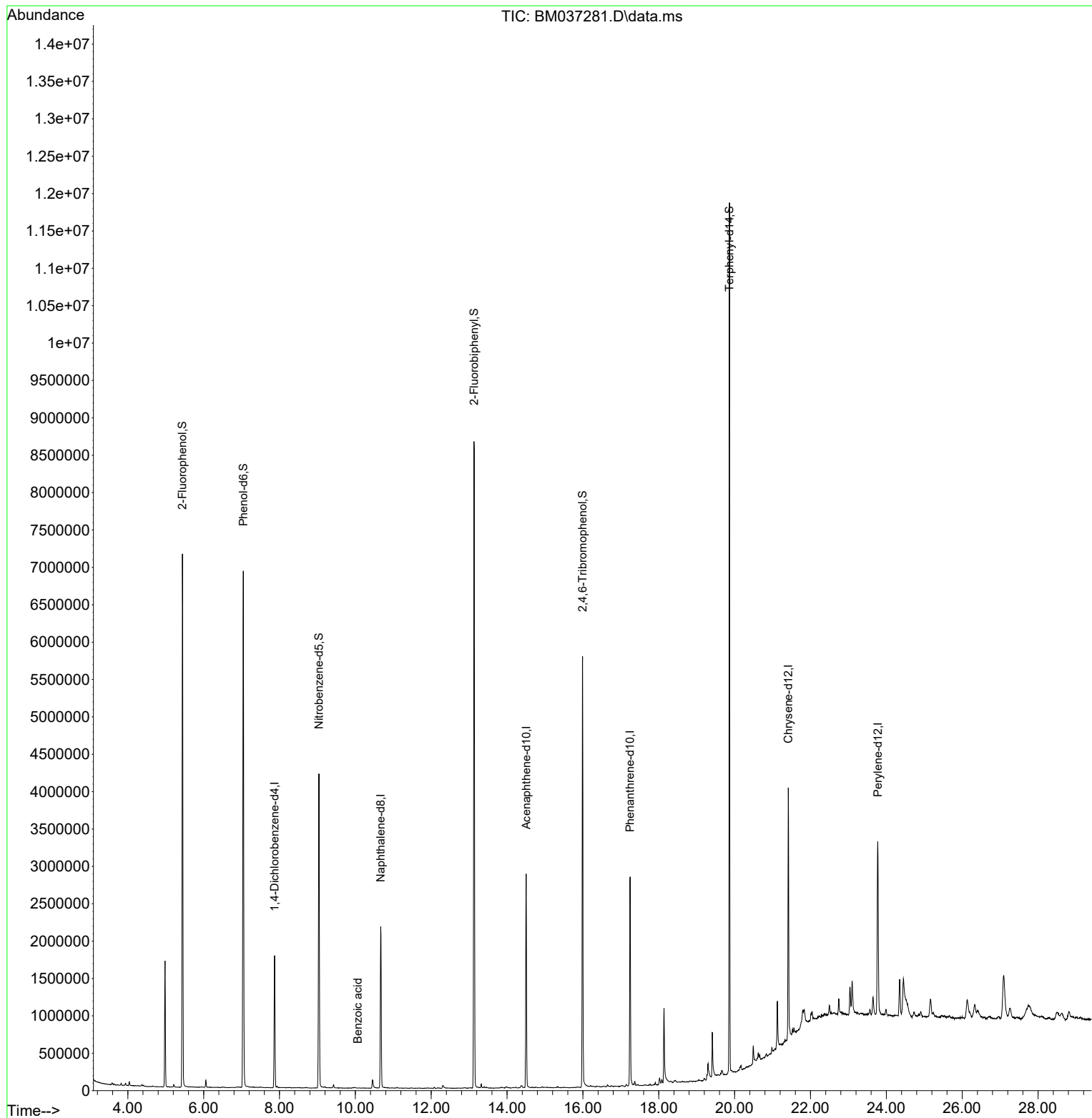
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.869	152	454712	20.000	ng	0.00
21) Naphthalene-d8	10.669	136	1776182	20.000	ng	0.00
39) Acenaphthene-d10	14.504	164	940882	20.000	ng	0.00
64) Phenanthrene-d10	17.245	188	1655630	20.000	ng	0.00
76) Chrysene-d12	21.415	240	1481288	20.000	ng	0.00
86) Perylene-d12	23.774	264	1631754	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	2906024	110.412	ng	0.00
7) Phenol-d6	7.046	99	3758131	105.206	ng	0.00
23) Nitrobenzene-d5	9.040	82	2292109	65.108	ng	0.00
42) 2,4,6-Tribromophenol	15.992	330	1057045	95.332	ng	0.00
45) 2-Fluorobiphenyl	13.133	172	4346052	61.374	ng	0.00
79) Terphenyl-d14	19.862	244	4852420	58.744	ng	0.00
Target Compounds						
32) Benzoic acid	10.063	122	575	7.000	ng	Qvalue # 28

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

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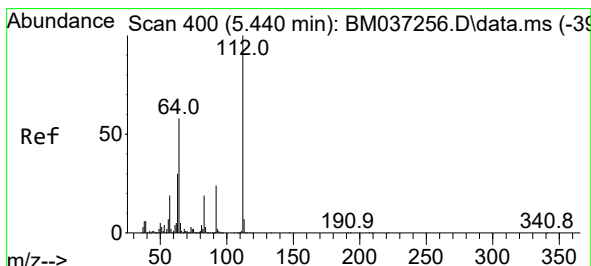
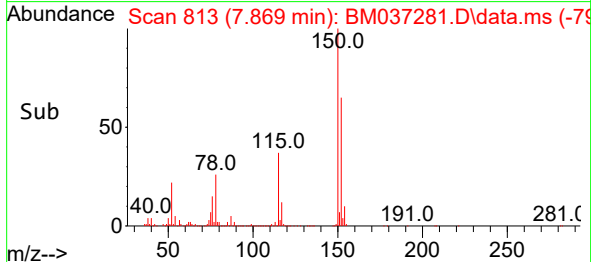
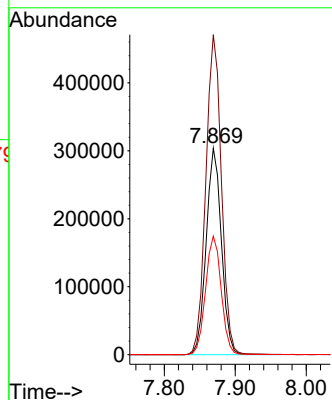
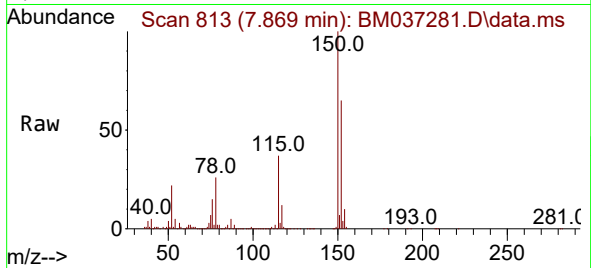




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.869 min Scan# 814
Delta R.T. -0.006 min
Lab File: BM037281.D
Acq: 29 Oct 2022 21:11

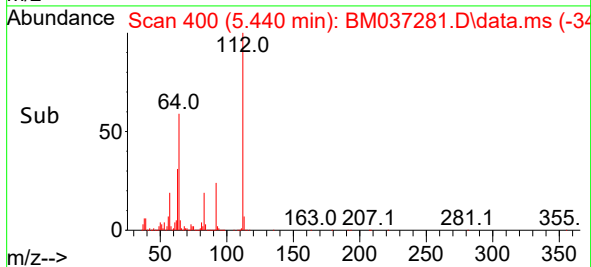
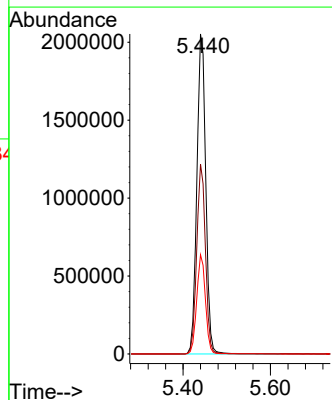
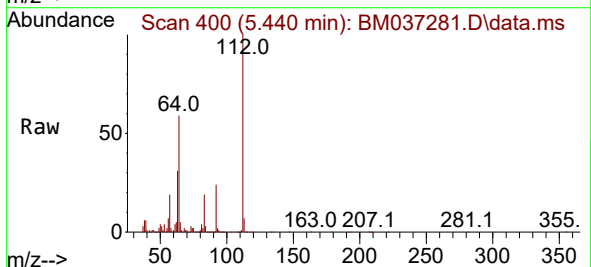
Instrument :
BNA_M
ClientSampleId :
BACKYARD-SURFACE-B

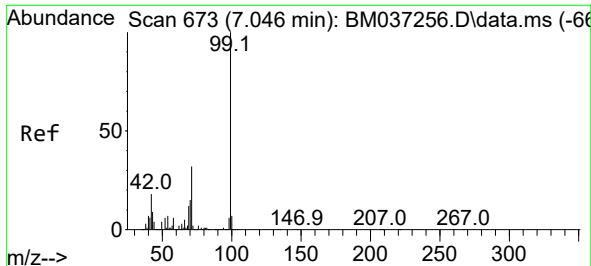
Tgt Ion:152 Resp: 454712
Ion Ratio Lower Upper
152 100
150 155.0 124.8 187.2
115 57.4 47.0 70.4



#5
2-Fluorophenol
Concen: 110.412 ng
RT: 5.440 min Scan# 400
Delta R.T. -0.000 min
Lab File: BM037281.D
Acq: 29 Oct 2022 21:11

Tgt Ion:112 Resp: 2906024
Ion Ratio Lower Upper
112 100
64 59.4 46.8 70.2
63 31.0 24.4 36.6

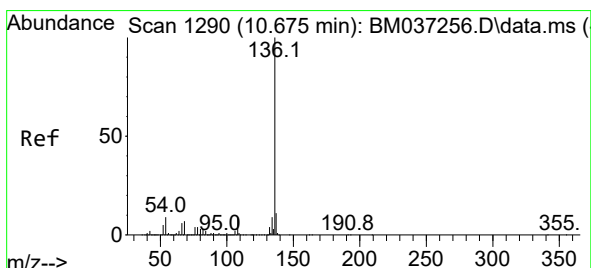
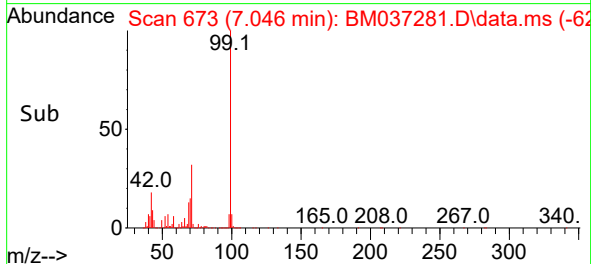
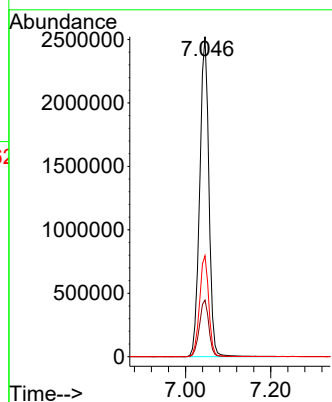
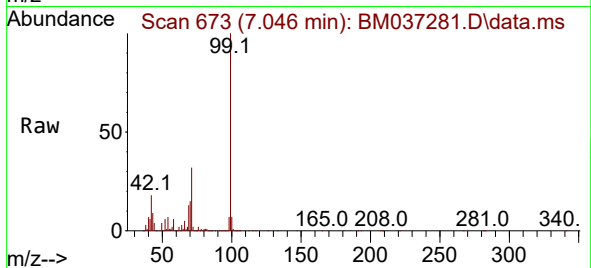




#7
Phenol-d6
Concen: 105.206 ng
RT: 7.046 min Scan# 61
Delta R.T. -0.000 min
Lab File: BM037281.D
Acq: 29 Oct 2022 21:11

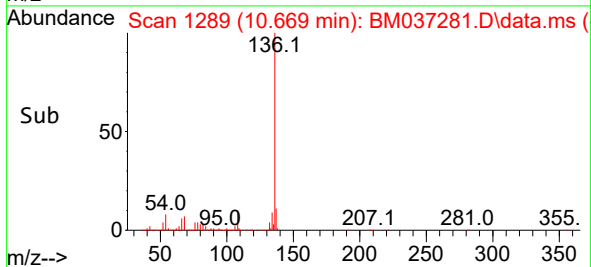
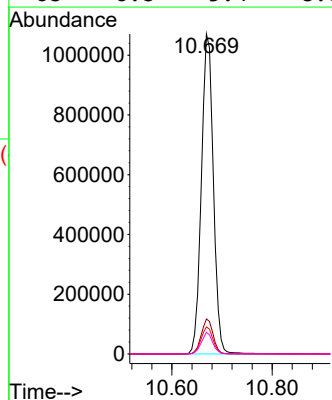
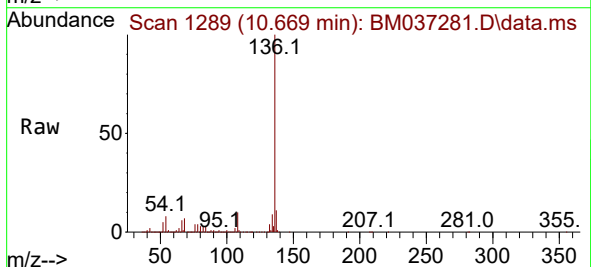
Instrument :
BNA_M
ClientSampleId :
BACKYARD-SURFACE-B

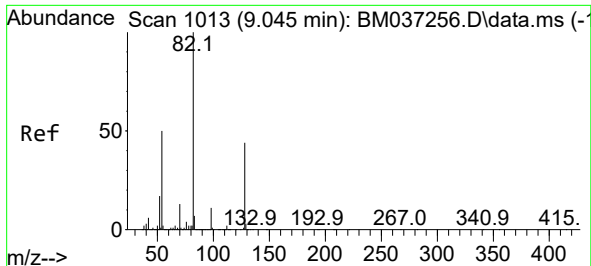
Tgt Ion: 99 Resp: 3758131
Ion Ratio Lower Upper
99 100
42 17.7 14.8 22.2
71 31.6 25.6 38.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.669 min Scan# 1289
Delta R.T. -0.006 min
Lab File: BM037281.D
Acq: 29 Oct 2022 21:11

Tgt Ion:136 Resp: 1776182
Ion Ratio Lower Upper
136 100
137 11.0 9.0 13.4
54 8.5 7.0 10.4
68 6.8 5.4 8.0

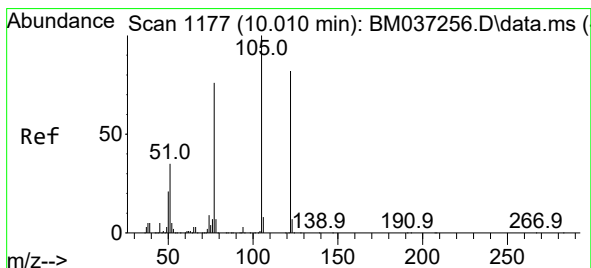
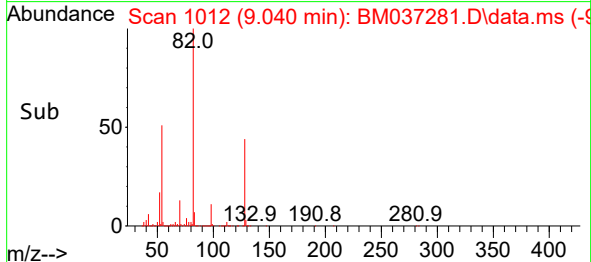
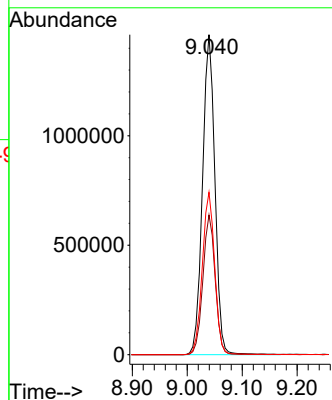
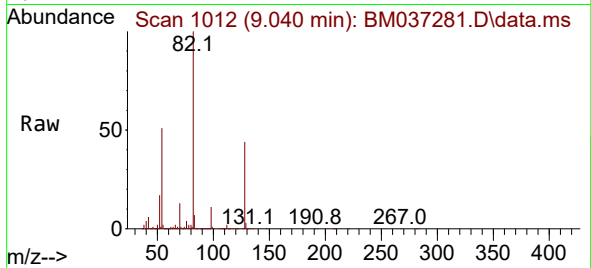




#23
Nitrobenzene-d5
Concen: 65.108 ng
RT: 9.040 min Scan# 1186
Delta R.T. -0.005 min
Lab File: BM037281.D
Acq: 29 Oct 2022 21:11

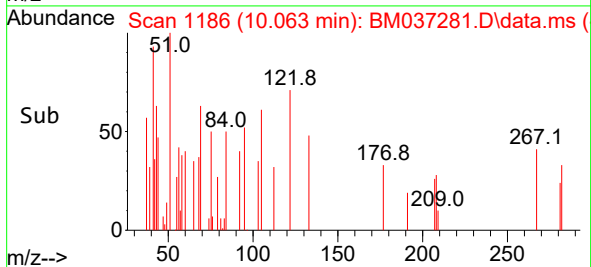
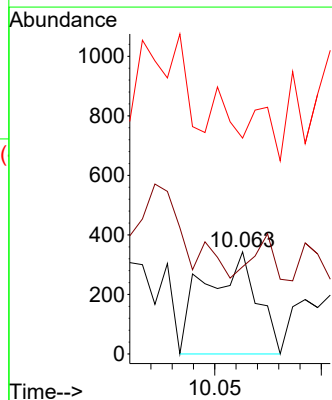
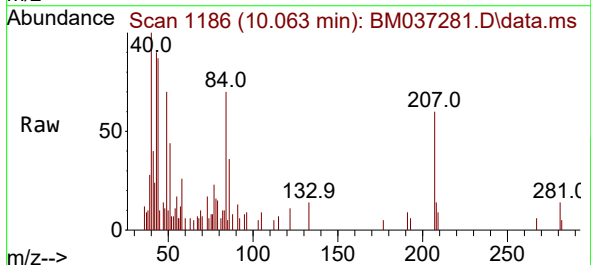
Instrument :
BNA_M
ClientSampleId :
BACKYARD-SURFACE-B

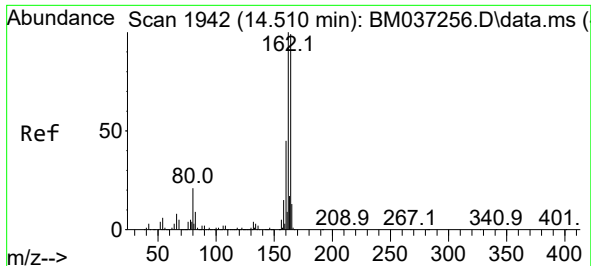
Tgt Ion: 82 Resp: 2292109
Ion Ratio Lower Upper
82 100
128 43.6 35.2 52.8
54 50.7 40.4 60.6



#32
Benzoic acid
Concen: 7.000 ng
RT: 10.063 min Scan# 1186
Delta R.T. 0.053 min
Lab File: BM037281.D
Acq: 29 Oct 2022 21:11

Tgt Ion:122 Resp: 575
Ion Ratio Lower Upper
122 100
105 85.4 100.1 140.1#
77 211.4 71.7 111.7#

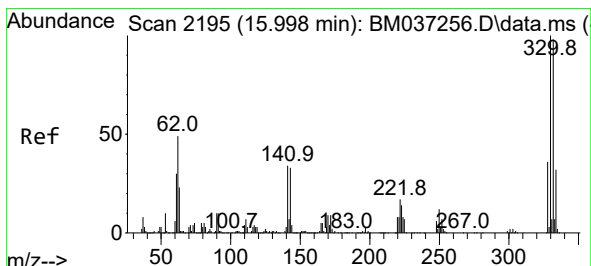
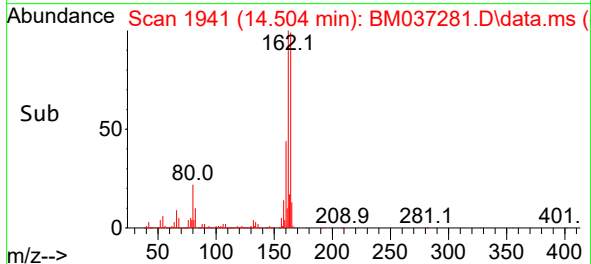
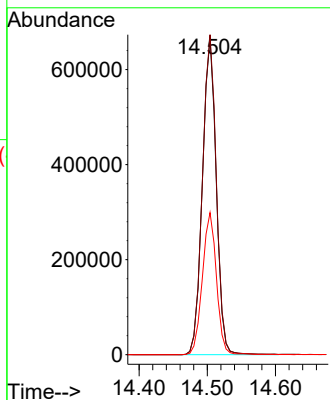
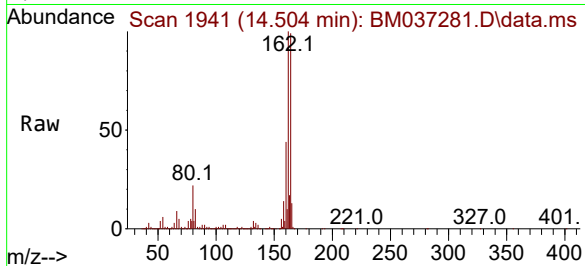




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.504 min Scan# 1941
Delta R.T. -0.006 min
Lab File: BM037281.D
Acq: 29 Oct 2022 21:11

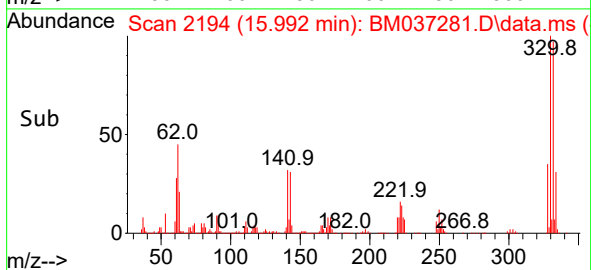
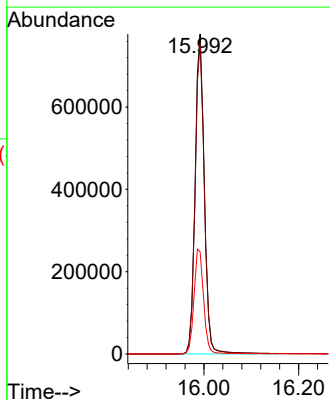
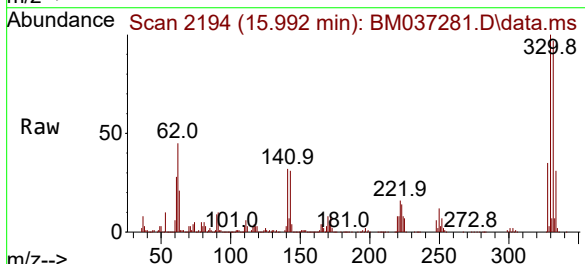
Instrument :
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ClientSampleId :
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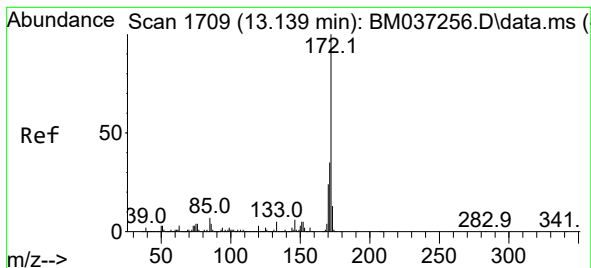
Tgt Ion:164 Resp: 940882
Ion Ratio Lower Upper
164 100
162 101.1 80.6 120.8
160 44.9 36.2 54.4



#42
2,4,6-Tribromophenol
Concen: 95.332 ng
RT: 15.992 min Scan# 2194
Delta R.T. -0.006 min
Lab File: BM037281.D
Acq: 29 Oct 2022 21:11

Tgt Ion:330 Resp: 1057045
Ion Ratio Lower Upper
330 100
332 96.6 78.0 117.0
141 34.3 27.5 41.3





#45

2-Fluorobiphenyl

Concen: 61.374 ng

RT: 13.133 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM037281.D

Acq: 29 Oct 2022 21:11

Instrument :

BNA_M

ClientSampleId :

BACKYARD-SURFACE-B

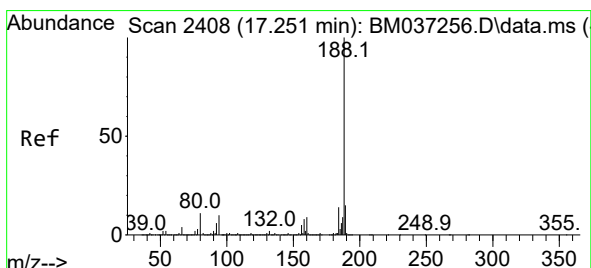
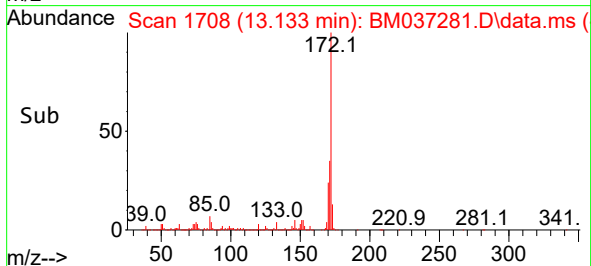
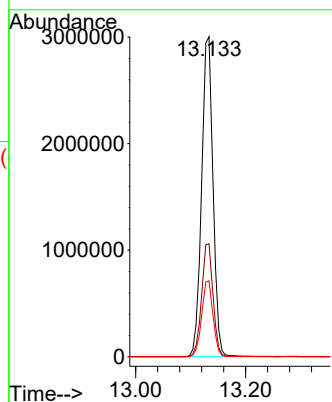
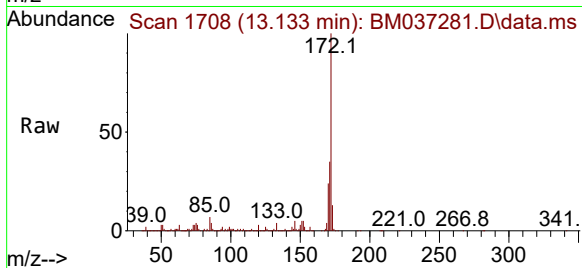
Tgt Ion:172 Resp: 4346052

Ion Ratio Lower Upper

172 100

171 35.3 28.1 42.1

170 23.7 19.0 28.4



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.245 min Scan# 2407

Delta R.T. -0.006 min

Lab File: BM037281.D

Acq: 29 Oct 2022 21:11

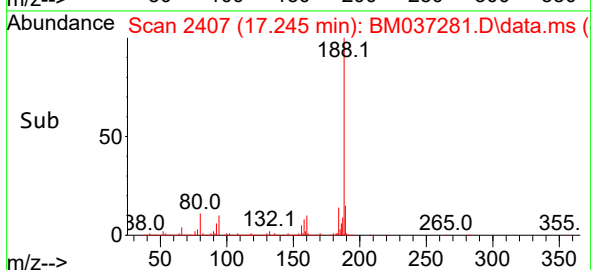
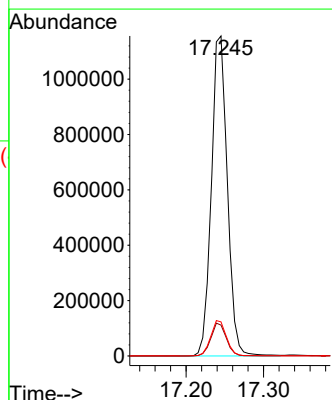
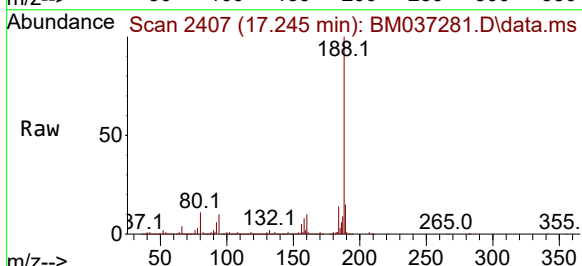
Tgt Ion:188 Resp: 1655630

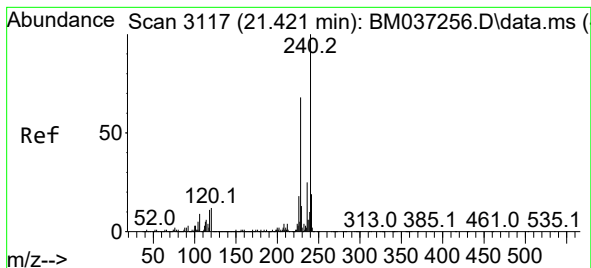
Ion Ratio Lower Upper

188 100

94 9.6 7.9 11.9

80 10.6 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: BM037281.D

Acq: 29 Oct 2022 21:11

Instrument :

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ClientSampleId :

BACKYARD-SURFACE-B

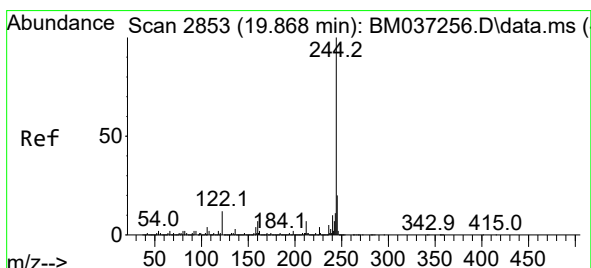
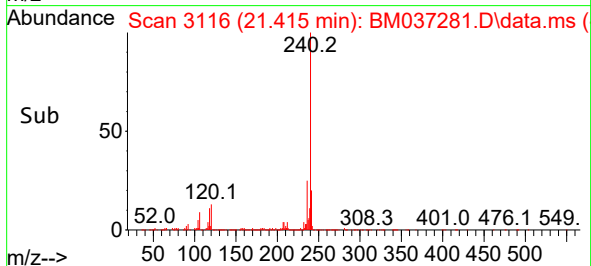
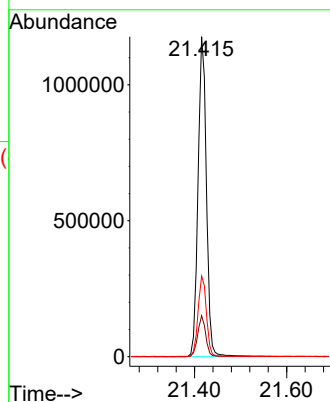
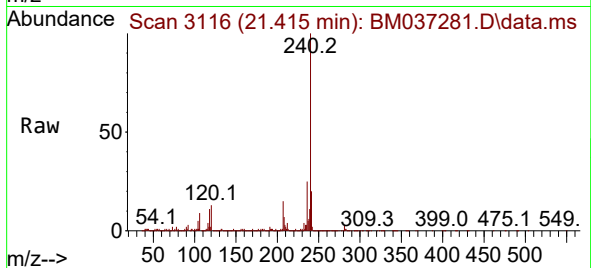
Tgt Ion:240 Resp: 1481288

Ion Ratio Lower Upper

240 100

120 12.8 9.9 14.9

236 25.2 20.3 30.5



#79

Terphenyl-d14

Concen: 58.744 ng

RT: 19.862 min Scan# 2852

Delta R.T. -0.006 min

Lab File: BM037281.D

Acq: 29 Oct 2022 21:11

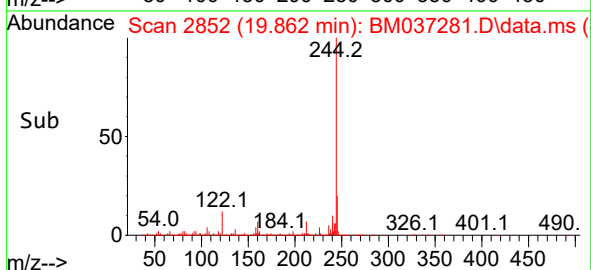
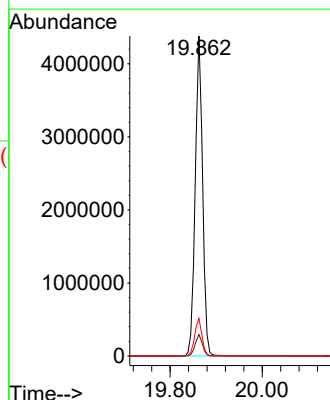
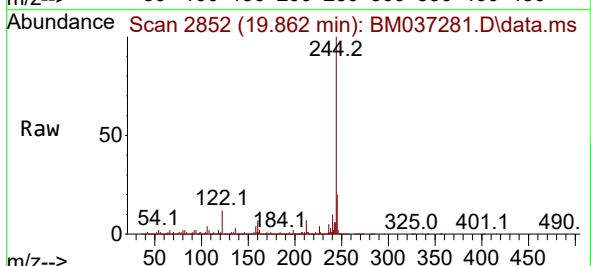
Tgt Ion:244 Resp: 4852420

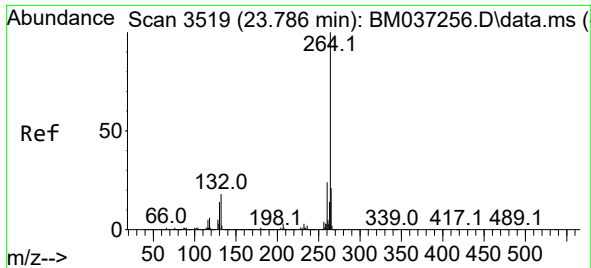
Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.2

122 11.8 9.4 14.2





#86

Perylene-d12

Concen: 20.000 ng

RT: 23.774 min Scan# 3

Delta R.T. -0.012 min

Lab File: BM037281.D

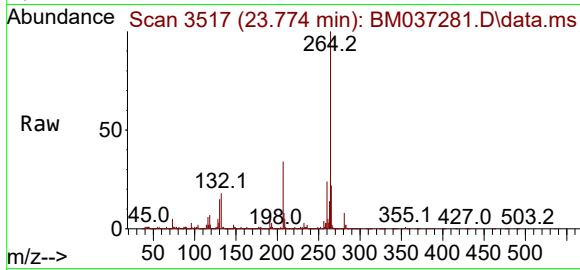
Acq: 29 Oct 2022 21:11

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Tgt Ion:264 Resp: 1631754

Ion Ratio Lower Upper

264 100

260 23.7 18.9 28.3

265 22.2 17.7 26.5

