

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102922\
 Data File : BM037271.D
 Acq On : 29 Oct 2022 15:16
 Operator : CG/JU
 Sample : N5236-03
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 LSP-GW-03

Quant Time: Oct 31 02:06:04 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)

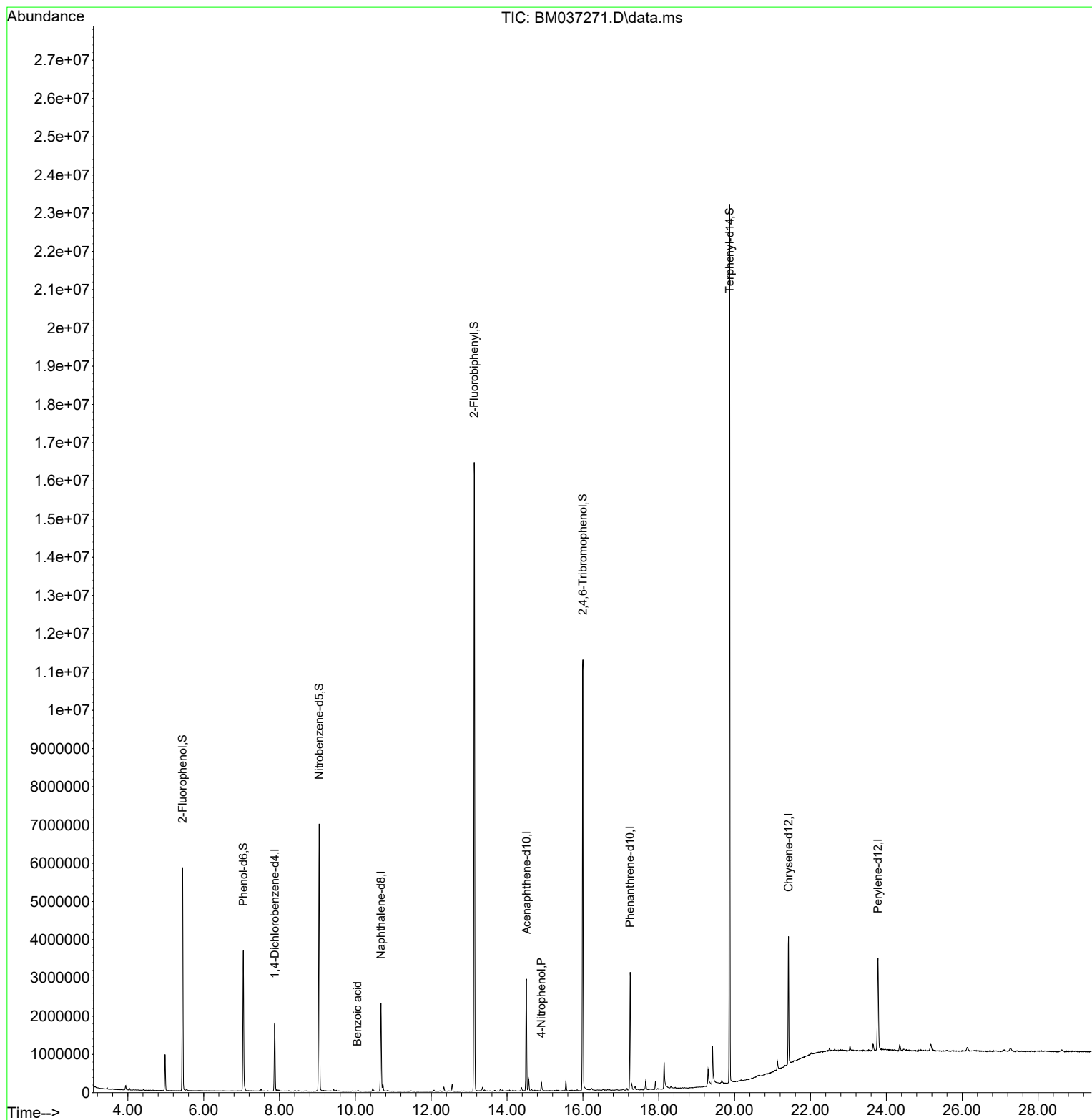
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.875	152	481809	20.000	ng	0.00
21) Naphthalene-d8	10.674	136	1832655	20.000	ng	0.00
39) Acenaphthene-d10	14.510	164	996263	20.000	ng	0.00
64) Phenanthrene-d10	17.245	188	1778938	20.000	ng	0.00
76) Chrysene-d12	21.421	240	1509350	20.000	ng	0.00
86) Perylene-d12	23.780	264	1713976	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.445	112	2421039	86.812	ng	0.00
7) Phenol-d6	7.045	99	2013936	53.208	ng	0.00
23) Nitrobenzene-d5	9.045	82	3905251	107.511	ng	0.00
42) 2,4,6-Tribromophenol	15.998	330	2082708	177.393	ng	0.00
45) 2-Fluorobiphenyl	13.133	172	8289063	110.549	ng	0.00
79) Terphenyl-d14	19.868	244	10091192	119.894	ng	0.00
Target Compounds						
32) Benzoic acid	10.051	122	86	6.981	ng	# 1
56) 4-Nitrophenol	14.904	139	47084	3.278	ng	# 10

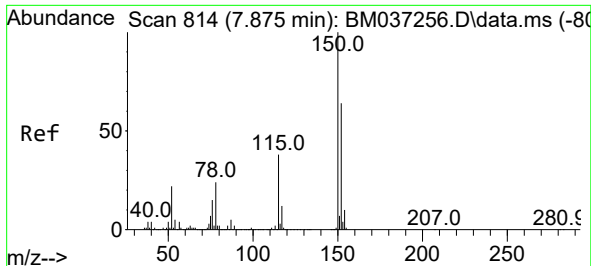
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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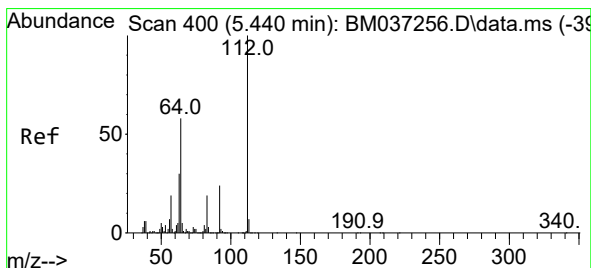
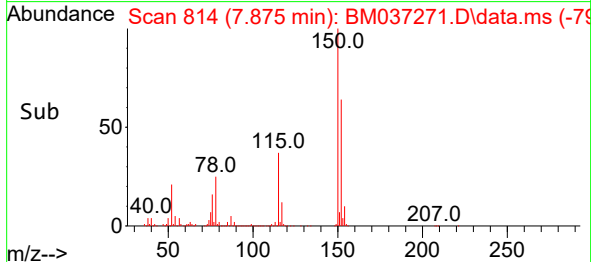
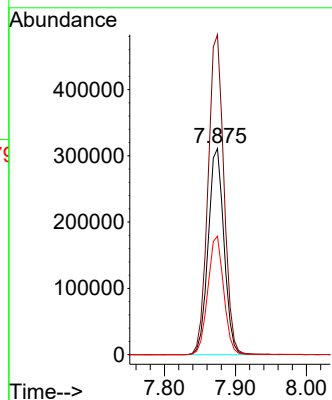
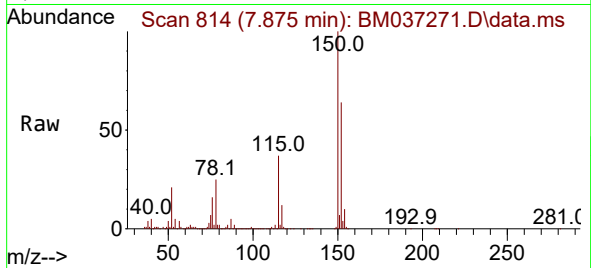




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.875 min Scan# 814
Delta R.T. -0.000 min
Lab File: BM037271.D
Acq: 29 Oct 2022 15:16

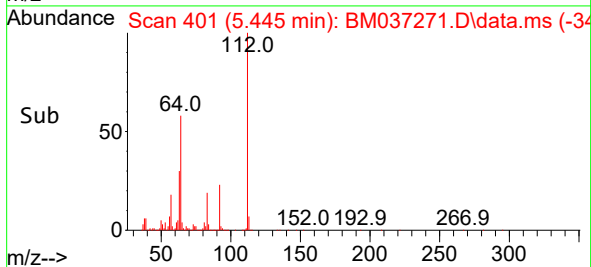
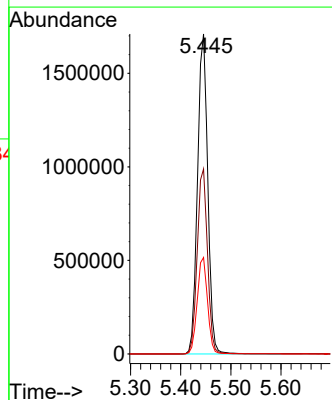
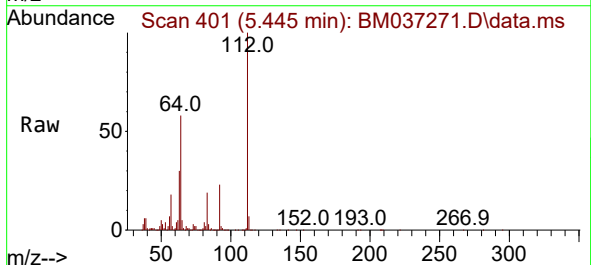
Instrument :
BNA_M
ClientSampleId :
LSP-GW-03

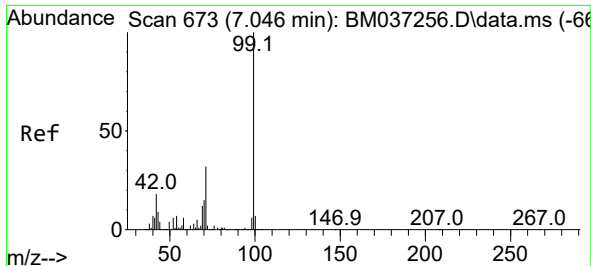
Tgt Ion:152 Resp: 481809
Ion Ratio Lower Upper
152 100
150 155.2 124.8 187.2
115 57.5 47.0 70.4



#5
2-Fluorophenol
Concen: 86.812 ng
RT: 5.445 min Scan# 401
Delta R.T. 0.005 min
Lab File: BM037271.D
Acq: 29 Oct 2022 15:16

Tgt Ion:112 Resp: 2421039
Ion Ratio Lower Upper
112 100
64 57.8 46.8 70.2
63 30.1 24.4 36.6

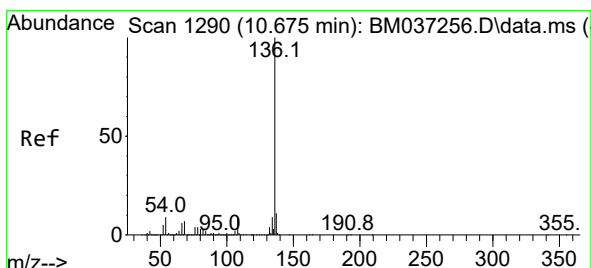
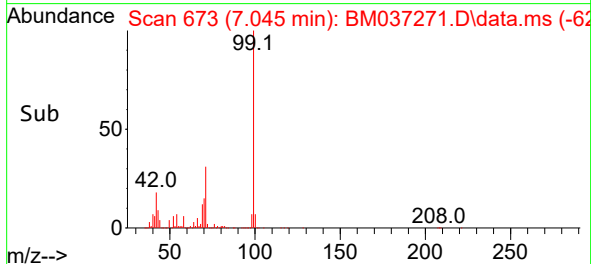
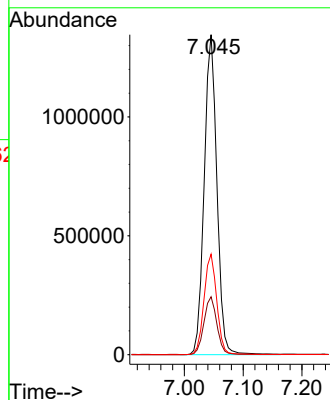
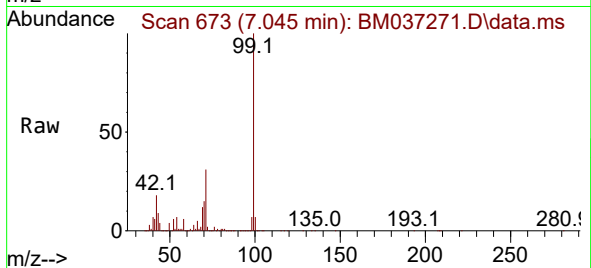




#7
Phenol-d6
Concen: 53.208 ng
RT: 7.045 min Scan# 61
Delta R.T. -0.001 min
Lab File: BM037271.D
Acq: 29 Oct 2022 15:16

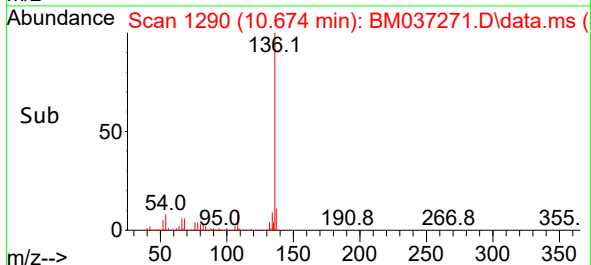
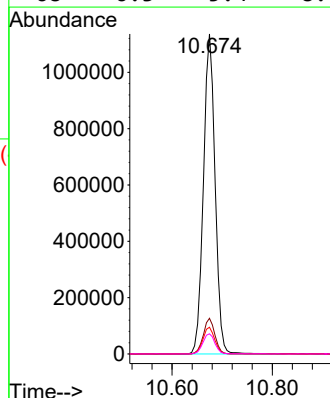
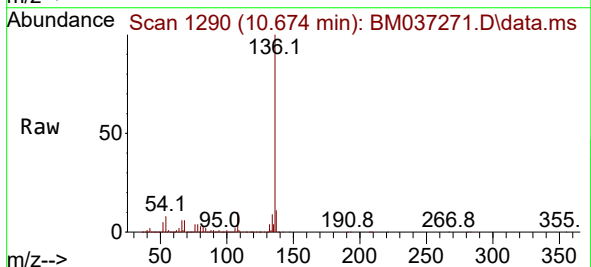
Instrument :
BNA_M
ClientSampleId :
LSP-GW-03

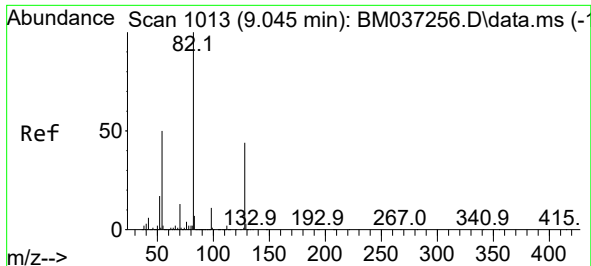
Tgt Ion: 99 Resp: 2013936
Ion Ratio Lower Upper
99 100
42 18.1 14.8 22.2
71 31.4 25.6 38.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.674 min Scan# 1290
Delta R.T. -0.001 min
Lab File: BM037271.D
Acq: 29 Oct 2022 15:16

Tgt Ion:136 Resp: 1832655
Ion Ratio Lower Upper
136 100
137 11.2 9.0 13.4
54 8.3 7.0 10.4
68 6.3 5.4 8.0

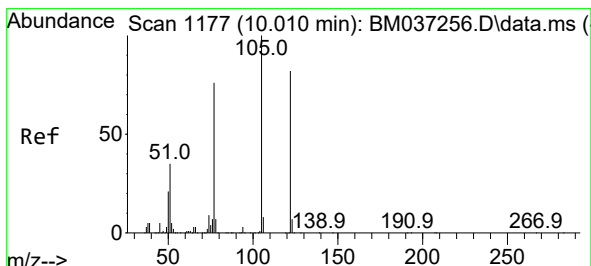
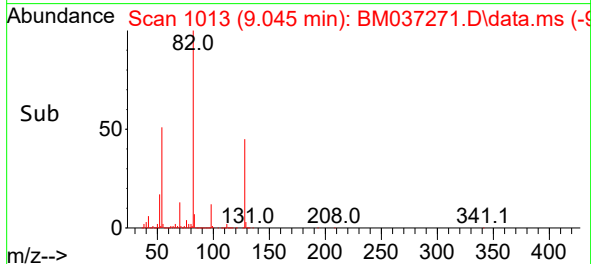
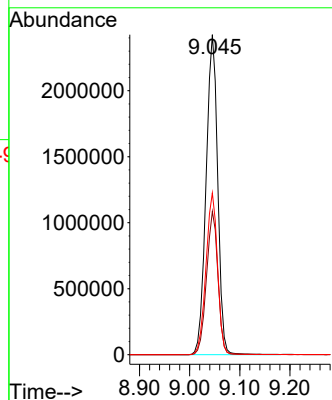
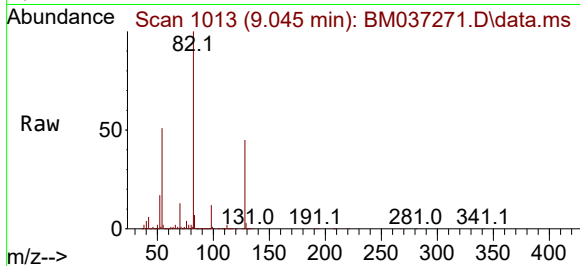




#23
Nitrobenzene-d5
Concen: 107.511 ng
RT: 9.045 min Scan# 1013
Delta R.T. 0.000 min
Lab File: BM037271.D
Acq: 29 Oct 2022 15:16

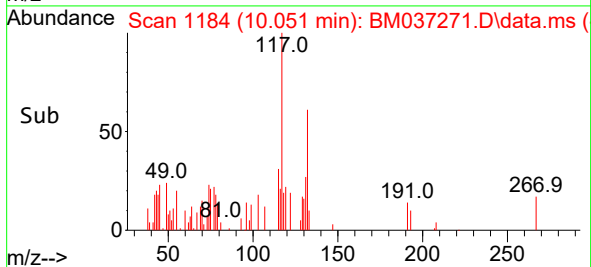
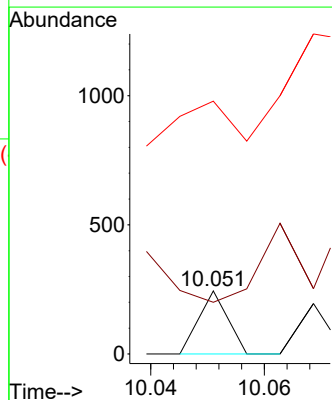
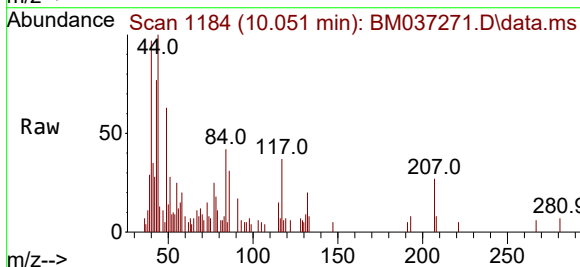
Instrument :
BNA_M
ClientSampleId :
LSP-GW-03

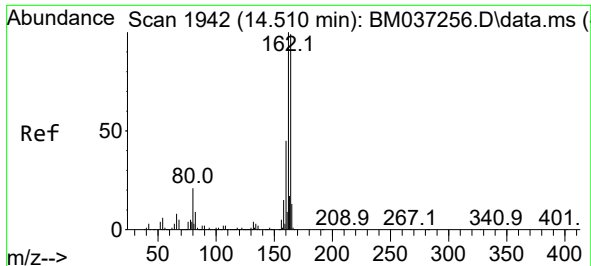
Tgt Ion: 82 Resp: 3905251
Ion Ratio Lower Upper
82 100
128 44.8 35.2 52.8
54 50.6 40.4 60.6



#32
Benzoic acid
Concen: 6.981 ng
RT: 10.051 min Scan# 1184
Delta R.T. 0.041 min
Lab File: BM037271.D
Acq: 29 Oct 2022 15:16

Tgt Ion:122 Resp: 86
Ion Ratio Lower Upper
122 100
105 82.0 100.1 140.1#
77 401.2 71.7 111.7#

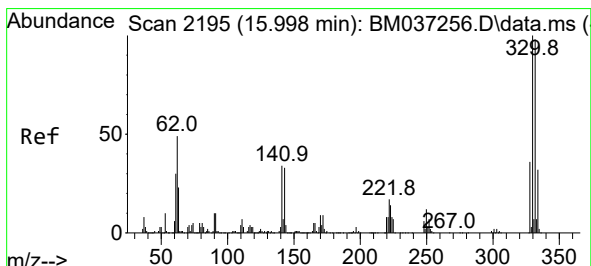
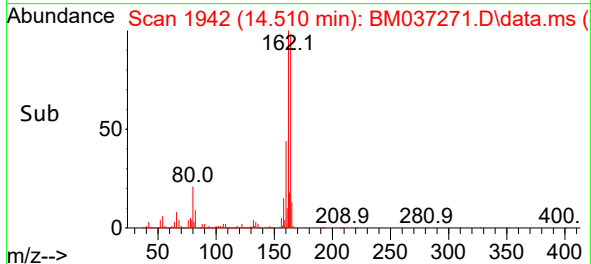
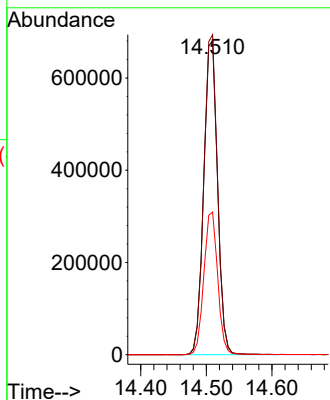
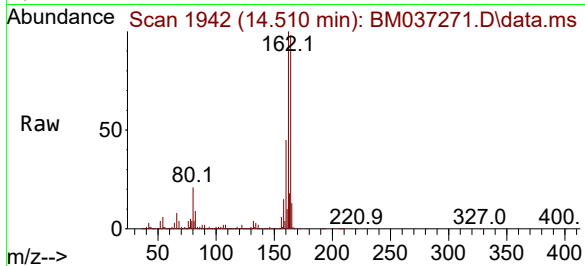




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.510 min Scan# 1942
Delta R.T. -0.000 min
Lab File: BM037271.D
Acq: 29 Oct 2022 15:16

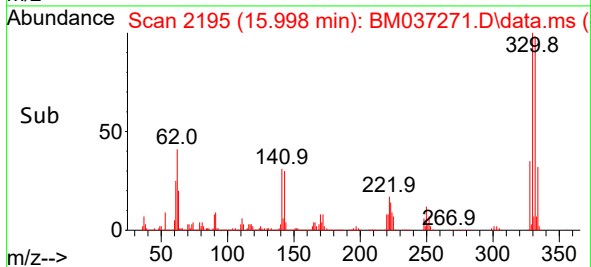
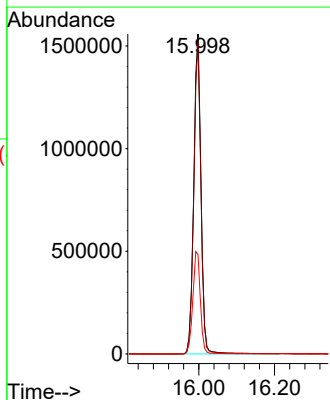
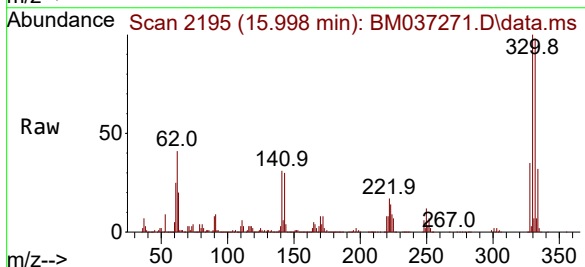
Instrument :
BNA_M
ClientSampleId :
LSP-GW-03

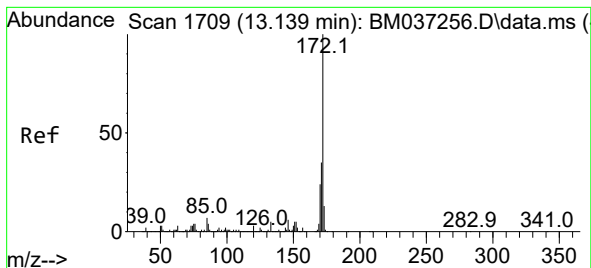
Tgt Ion:164 Resp: 996263
Ion Ratio Lower Upper
164 100
162 101.9 80.6 120.8
160 45.4 36.2 54.4



#42
2,4,6-Tribromophenol
Concen: 177.393 ng
RT: 15.998 min Scan# 2195
Delta R.T. -0.000 min
Lab File: BM037271.D
Acq: 29 Oct 2022 15:16

Tgt Ion:330 Resp: 2082708
Ion Ratio Lower Upper
330 100
332 96.7 78.0 117.0
141 33.5 27.5 41.3





#45

2-Fluorobiphenyl

Concen: 110.549 ng

RT: 13.133 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM037271.D

Acq: 29 Oct 2022 15:16

Instrument :

BNA_M

ClientSampleId :

LSP-GW-03

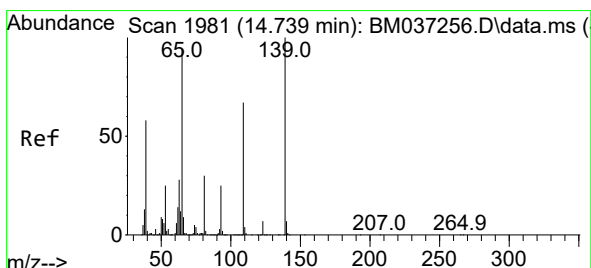
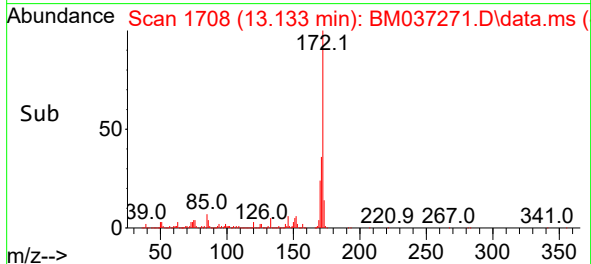
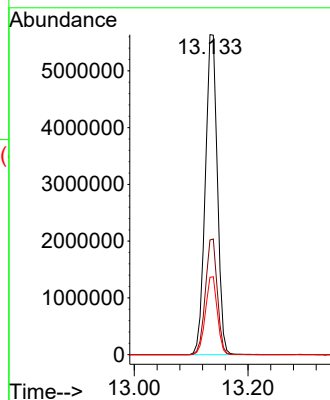
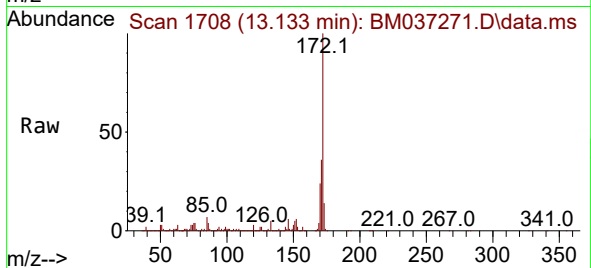
Tgt Ion:172 Resp: 8289063

Ion Ratio Lower Upper

172 100

171 35.9 28.1 42.1

170 24.2 19.0 28.4



#56

4-Nitrophenol

Concen: 3.278 ng

RT: 14.904 min Scan# 2009

Delta R.T. 0.165 min

Lab File: BM037271.D

Acq: 29 Oct 2022 15:16

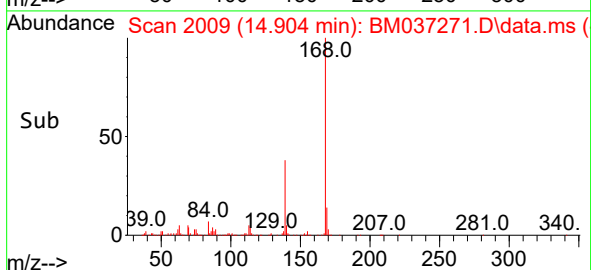
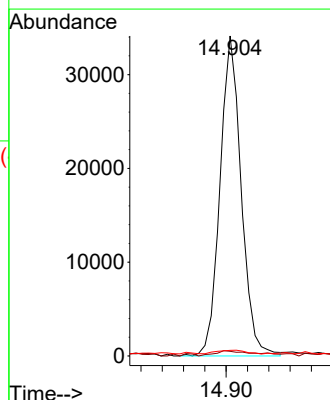
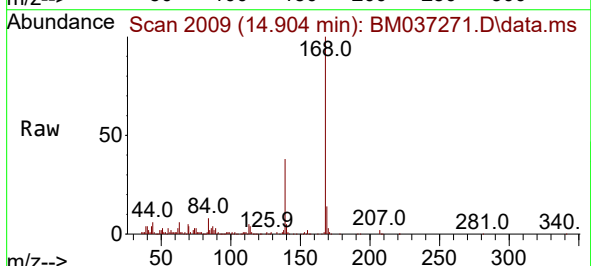
Tgt Ion:139 Resp: 47084

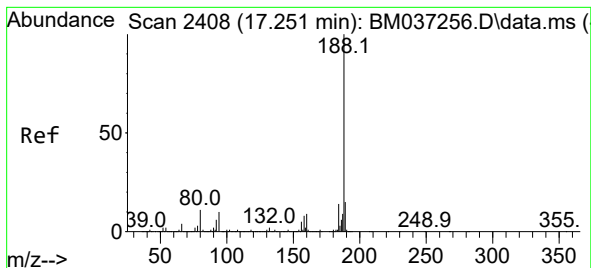
Ion Ratio Lower Upper

139 100

109 1.5 47.4 87.4#

65 1.8 73.8 113.8#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.245 min Scan# 2408

Delta R.T. -0.006 min

Lab File: BM037271.D

Acq: 29 Oct 2022 15:16

Instrument :

BNA_M

ClientSampleId :

LSP-GW-03

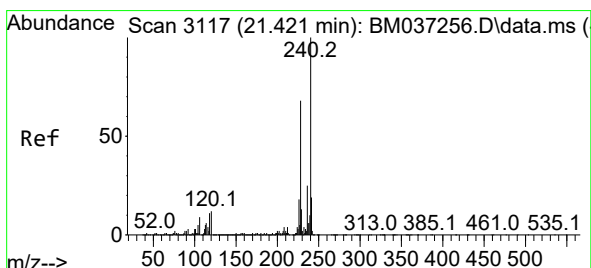
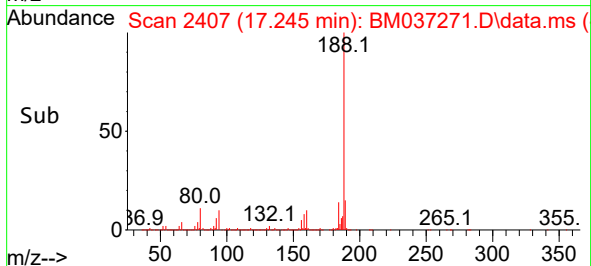
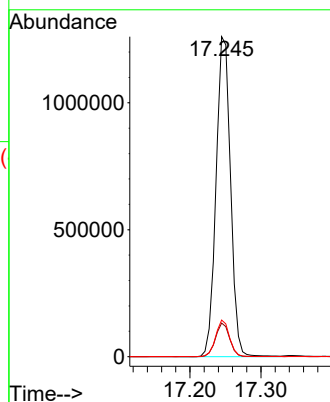
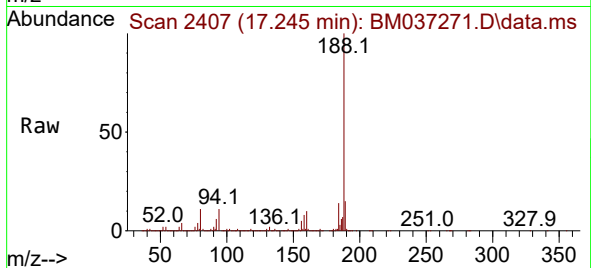
Tgt Ion:188 Resp: 1778938

Ion Ratio Lower Upper

188 100

94 10.5 7.9 11.9

80 11.4 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: BM037271.D

Acq: 29 Oct 2022 15:16

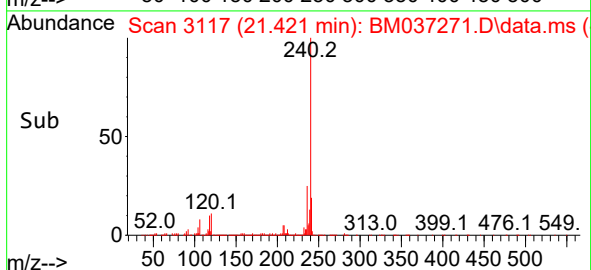
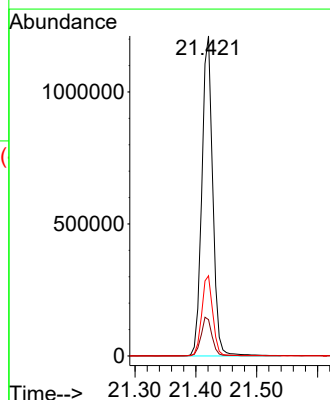
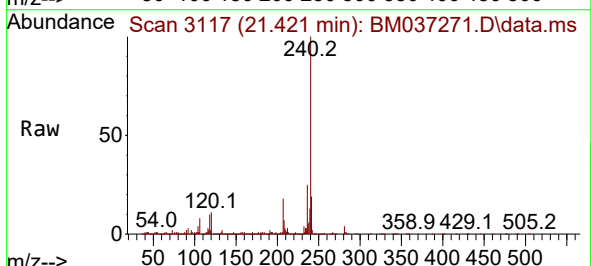
Tgt Ion:240 Resp: 1509350

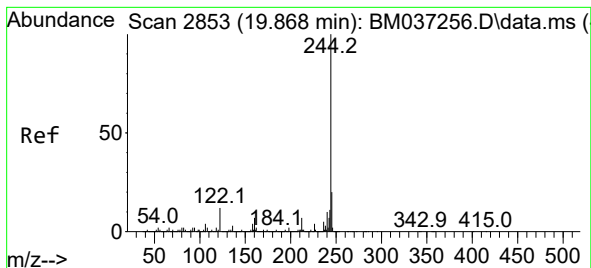
Ion Ratio Lower Upper

240 100

120 11.3 9.9 14.9

236 25.1 20.3 30.5





#79

Terphenyl-d14

Concen: 119.894 ng

RT: 19.868 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM037271.D

Acq: 29 Oct 2022 15:16

Instrument :

BNA_M

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LSP-GW-03

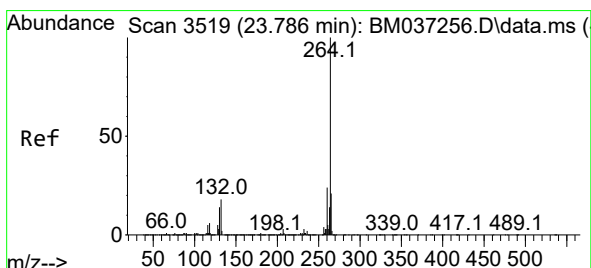
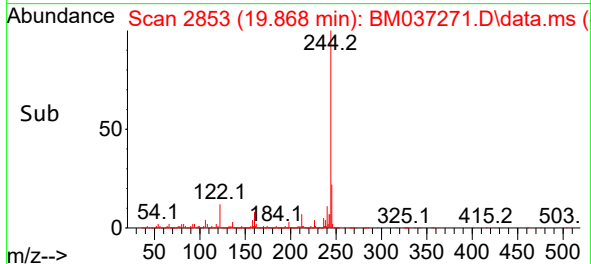
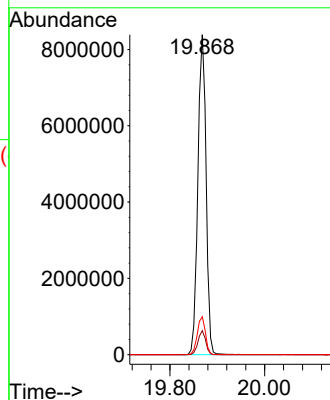
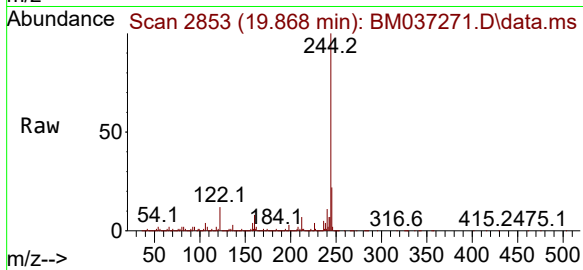
Tgt Ion:244 Resp:10091192

Ion Ratio Lower Upper

244 100

212 7.5 5.4 8.2

122 11.9 9.4 14.2



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.780 min Scan# 3518

Delta R.T. -0.006 min

Lab File: BM037271.D

Acq: 29 Oct 2022 15:16

Tgt Ion:264 Resp: 1713976

Ion Ratio Lower Upper

264 100

260 23.7 18.9 28.3

265 21.9 17.7 26.5

