

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060623\
 Data File : BM040114.D
 Acq On : 06 Jun 2023 21:25
 Operator : MA/JU
 Sample : 03018-04
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 362

Quant Time: Jun 07 02:14:04 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM052323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 06 16:45:42 2023
 Response via : Initial Calibration

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

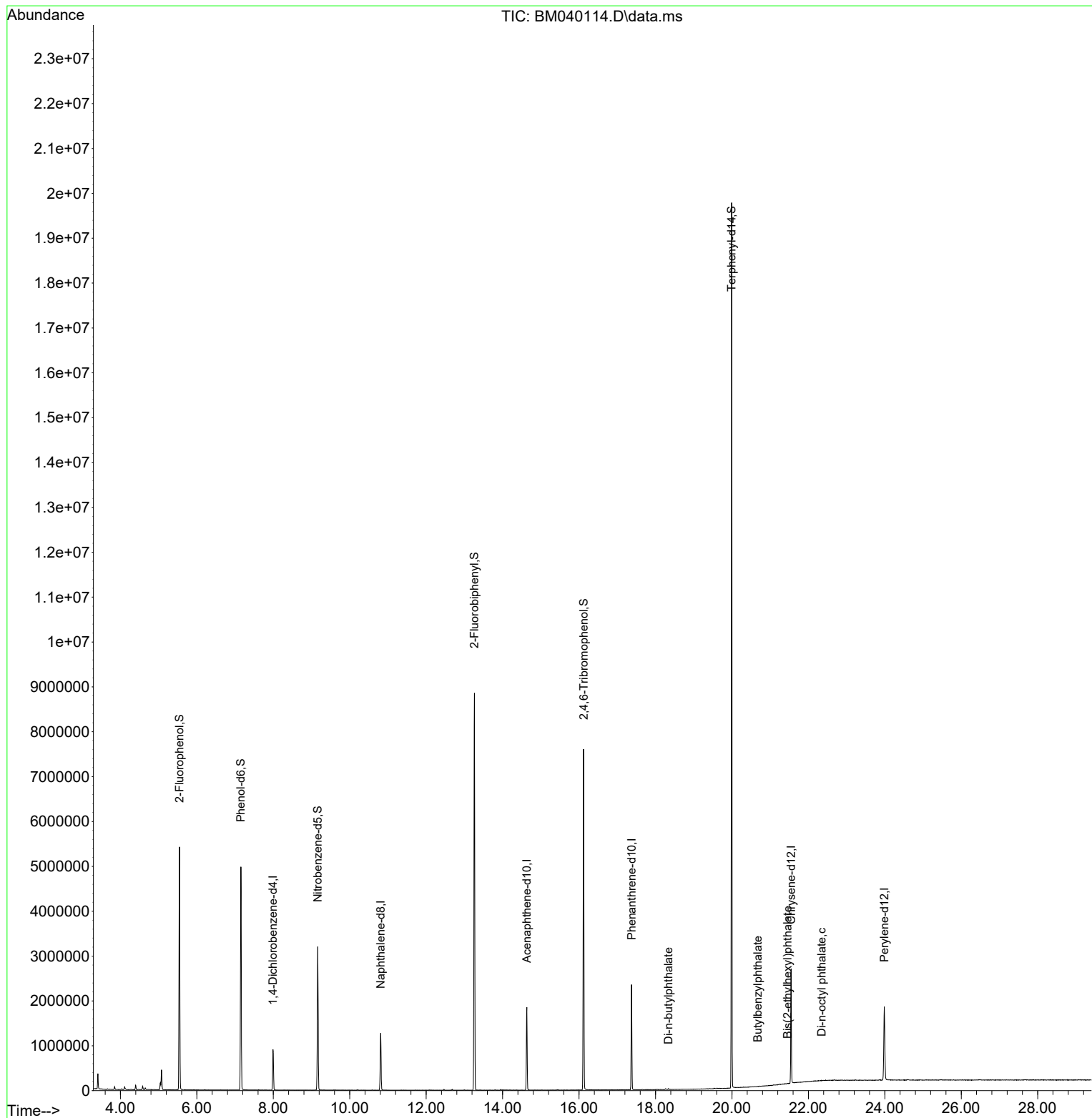
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.992	152	235337	20.000	ng	0.00
21) Naphthalene-d8	10.810	136	1013556	20.000	ng	0.00
39) Acenaphthene-d10	14.633	164	567524	20.000	ng	0.00
64) Phenanthrene-d10	17.374	188	1200328	20.000	ng	0.00
76) Chrysene-d12	21.550	240	1010070	20.000	ng	0.00
86) Perylene-d12	23.986	264	1034322	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.546	112	2364922	154.147	ng	0.00
7) Phenol-d6	7.151	99	2859000	142.855	ng	0.00
23) Nitrobenzene-d5	9.163	82	1739782	92.623	ng	0.00
42) 2,4,6-Tribromophenol	16.121	330	1275361	173.141	ng	0.00
45) 2-Fluorobiphenyl	13.263	172	4226253	87.834	ng	0.00
79) Terphenyl-d14	19.992	244	8257996	126.943	ng	0.00
Target Compounds						
						Qvalue
74) Di-n-butylphthalate	18.339	149	13827	3.817	ng	# 97
80) Butylbenzylphthalate	20.674	149	791	4.855	ng	# 79
84) Bis(2-ethylhexyl)phtha...	21.456	149	2826	3.656	ng	# 85
85) Di-n-octyl phthalate	22.350	149	306	6.617	ng	# 1

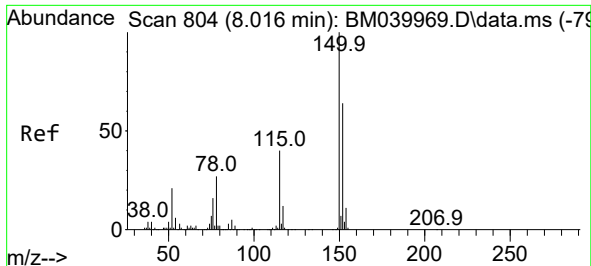
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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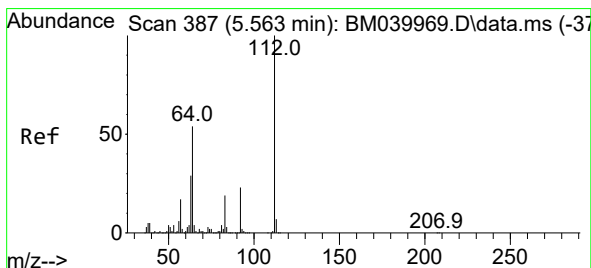
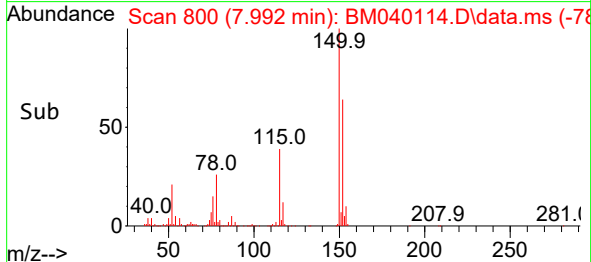
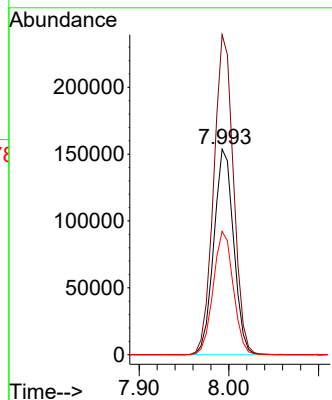
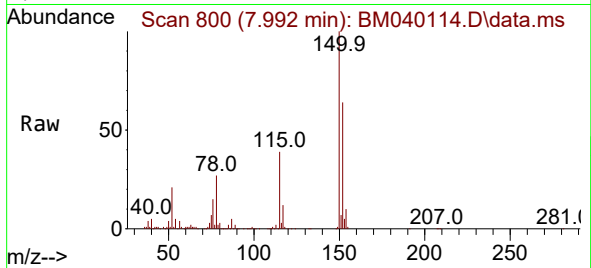




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.992 min Scan# 804
Delta R.T. -0.006 min
Lab File: BM040114.D
Acq: 06 Jun 2023 21:25

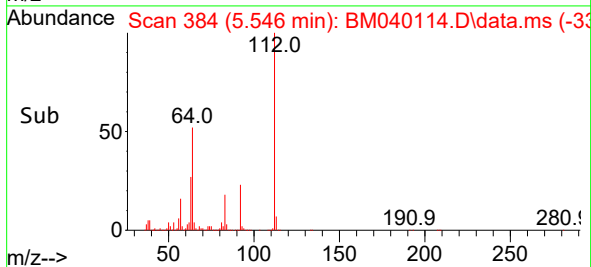
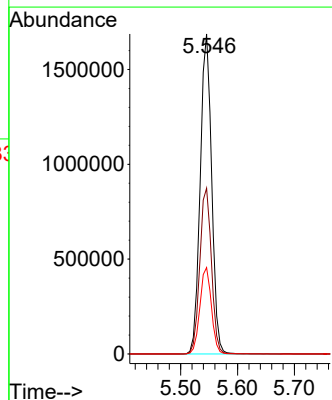
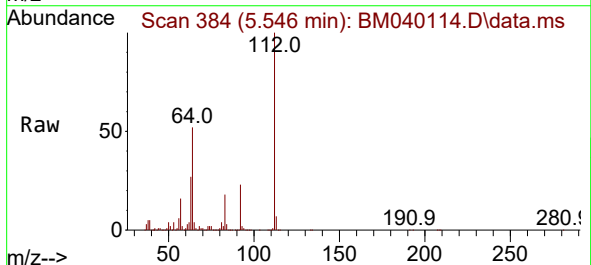
Instrument :
BNA_M
ClientSampleId :
362

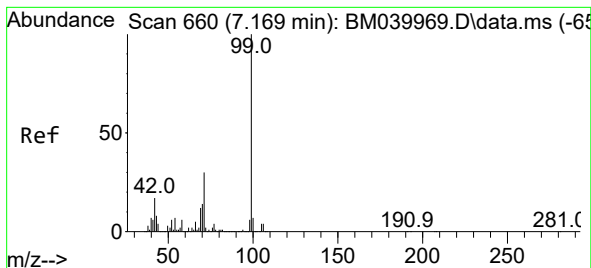
Tgt Ion:152 Resp: 235337
Ion Ratio Lower Upper
152 100
150 155.6 125.5 188.3
115 60.0 50.2 75.2



#5
2-Fluorophenol
Concen: 154.147 ng
RT: 5.546 min Scan# 384
Delta R.T. 0.006 min
Lab File: BM040114.D
Acq: 06 Jun 2023 21:25

Tgt Ion:112 Resp: 2364922
Ion Ratio Lower Upper
112 100
64 51.8 43.0 64.4
63 27.0 22.9 34.3





#7

Phenol-d6

Concen: 142.855 ng

RT: 7.151 min Scan# 61

Delta R.T. -0.000 min

Lab File: BM040114.D

Acq: 06 Jun 2023 21:25

Instrument :

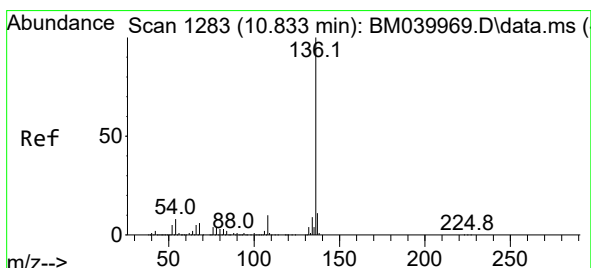
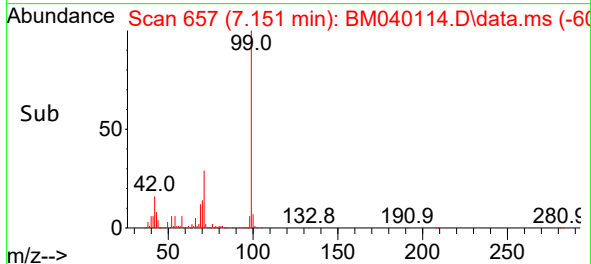
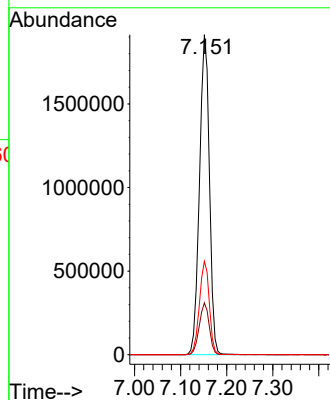
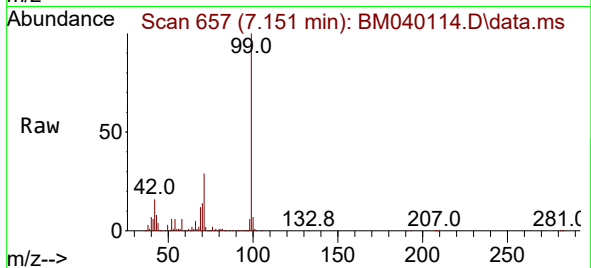
BNA_M

ClientSampleId :

362

Tgt Ion: 99 Resp: 2859000

Ion	Ratio	Lower	Upper
99	100		
42	16.2	13.8	20.6
71	29.2	24.4	36.6



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.810 min Scan# 1279

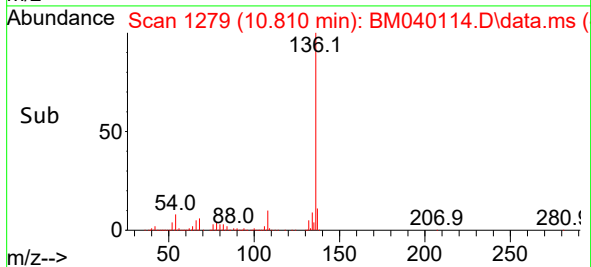
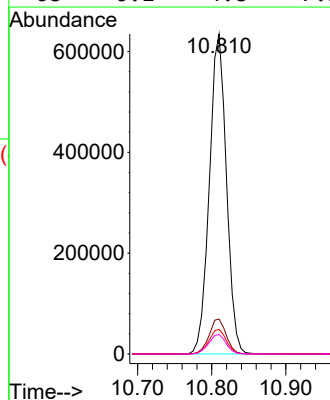
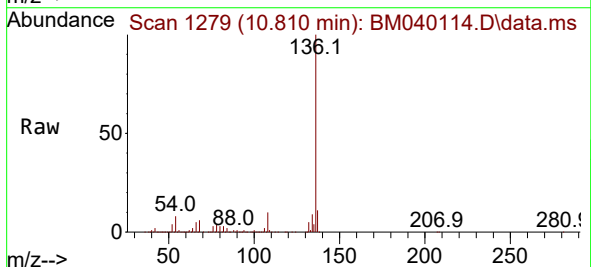
Delta R.T. -0.000 min

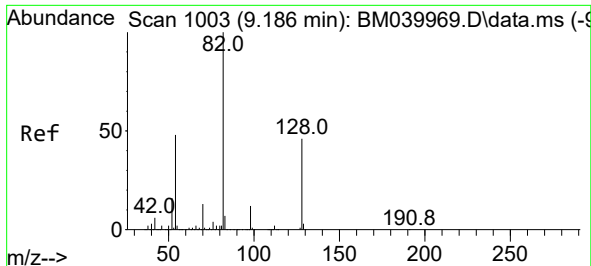
Lab File: BM040114.D

Acq: 06 Jun 2023 21:25

Tgt Ion:136 Resp: 1013556

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.7	13.1
54	7.7	6.1	9.1
68	6.1	4.8	7.2

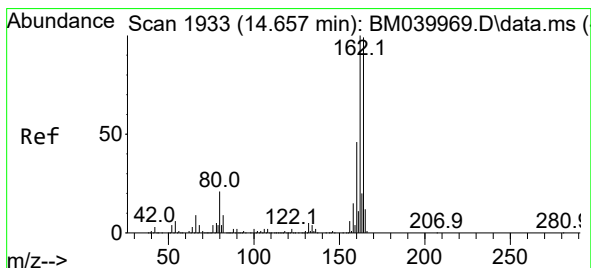
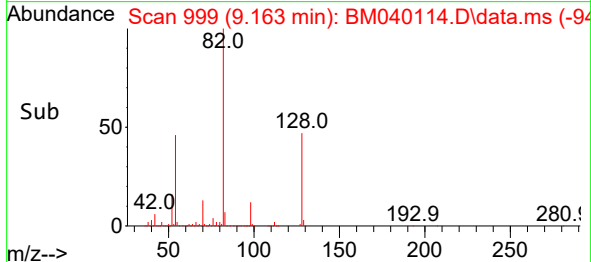
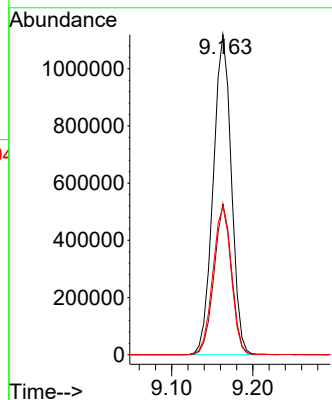
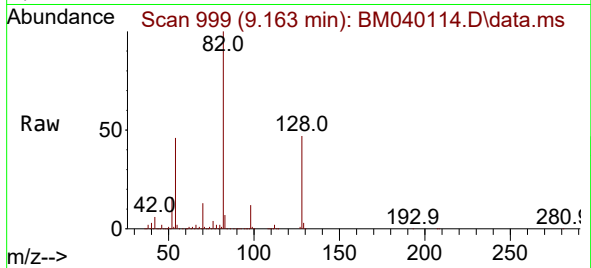




#23
Nitrobenzene-d5
Concen: 92.623 ng
RT: 9.163 min Scan# 91
Delta R.T. -0.000 min
Lab File: BM040114.D
Acq: 06 Jun 2023 21:25

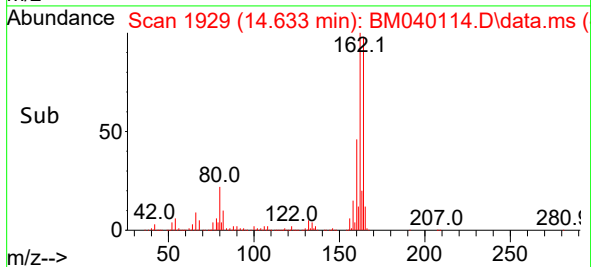
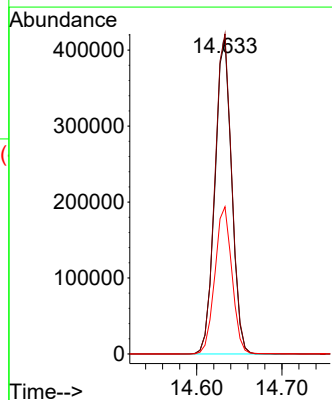
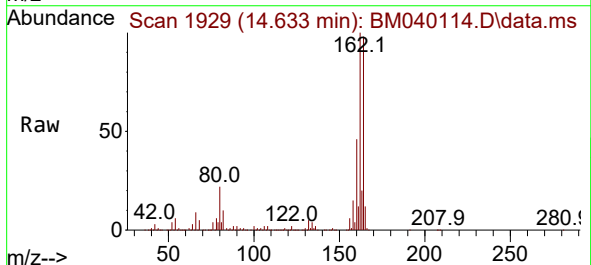
Instrument :
BNA_M
ClientSampleId :
362

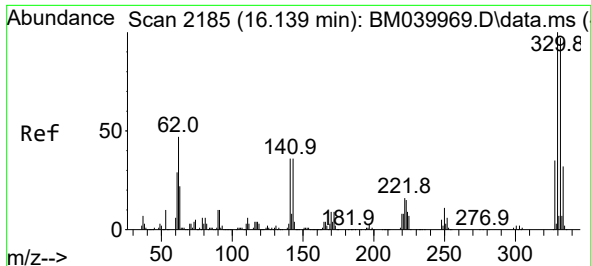
Tgt Ion: 82 Resp: 1739782
Ion Ratio Lower Upper
82 100
128 47.1 36.5 54.7
54 46.4 38.3 57.5



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.633 min Scan# 1929
Delta R.T. -0.000 min
Lab File: BM040114.D
Acq: 06 Jun 2023 21:25

Tgt Ion:164 Resp: 567524
Ion Ratio Lower Upper
164 100
162 101.6 80.6 120.8
160 46.7 36.7 55.1





#42

2,4,6-Tribromophenol

Concen: 173.141 ng

RT: 16.121 min Scan# 2185

Delta R.T. -0.000 min

Lab File: BM040114.D

Acq: 06 Jun 2023 21:25

Instrument :

BNA_M

ClientSampleId :

362

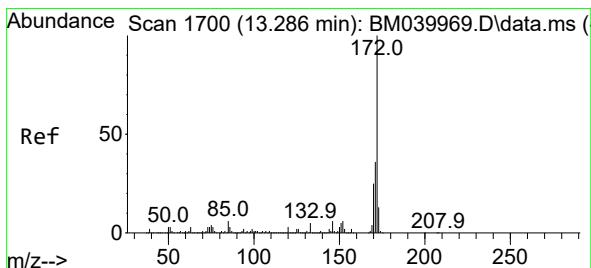
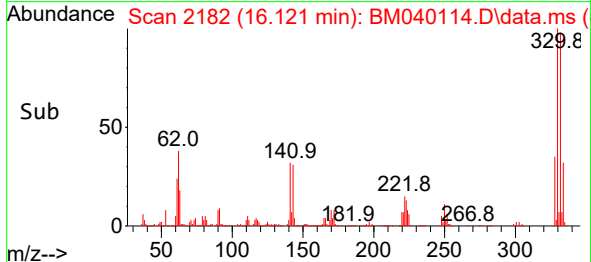
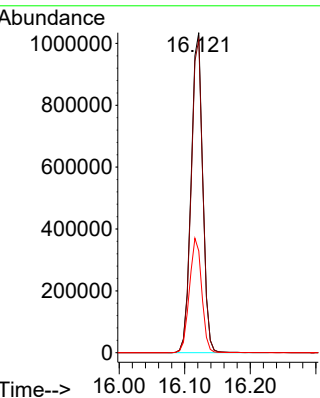
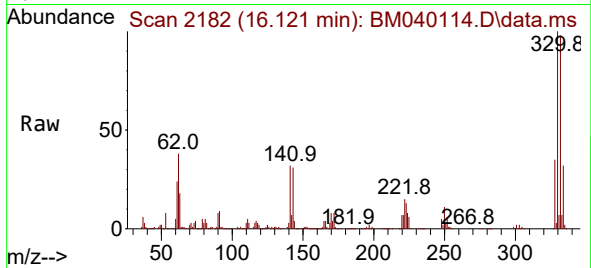
Tgt Ion:330 Resp: 1275361

Ion Ratio Lower Upper

330 100

332 97.9 77.4 116.2

141 37.9 31.6 47.4



#45

2-Fluorobiphenyl

Concen: 87.834 ng

RT: 13.263 min Scan# 1696

Delta R.T. -0.000 min

Lab File: BM040114.D

Acq: 06 Jun 2023 21:25

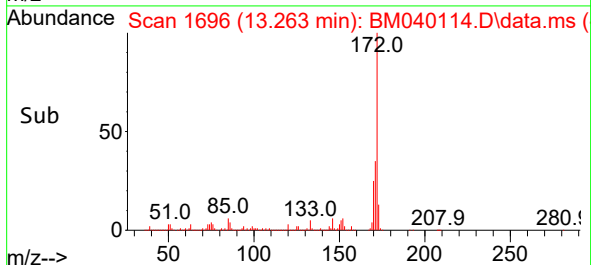
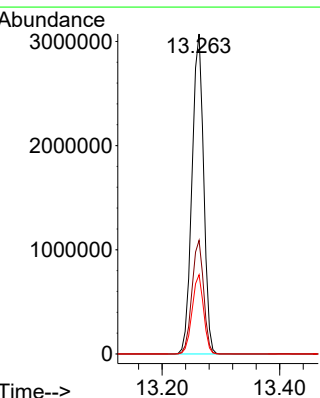
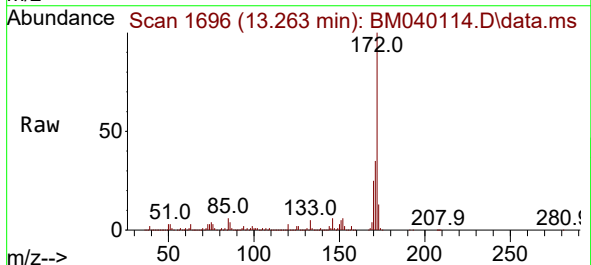
Tgt Ion:172 Resp: 4226253

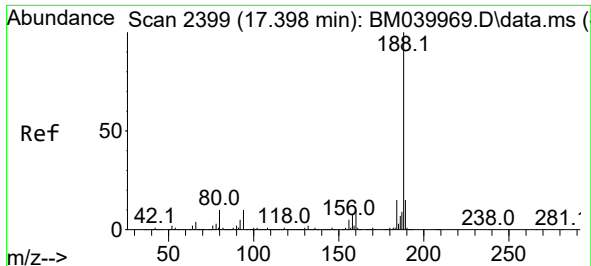
Ion Ratio Lower Upper

172 100

171 35.5 28.8 43.2

170 24.7 19.6 29.4

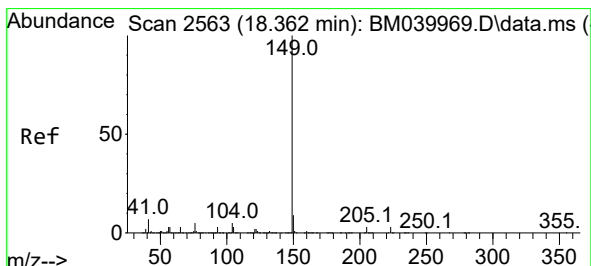
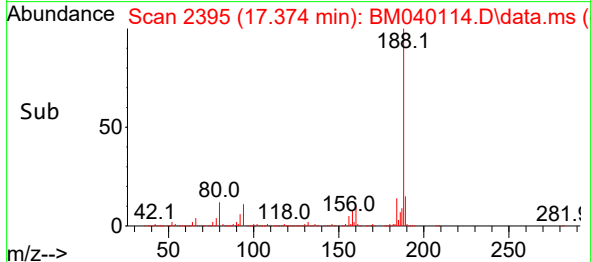
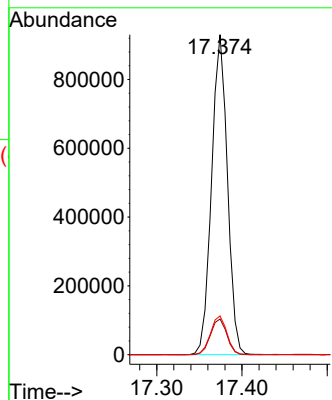
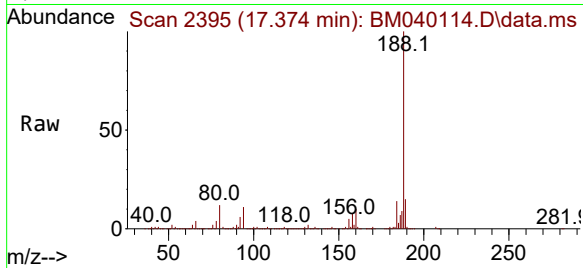




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.374 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM040114.D
Acq: 06 Jun 2023 21:25

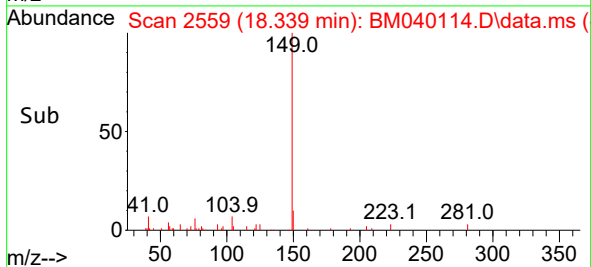
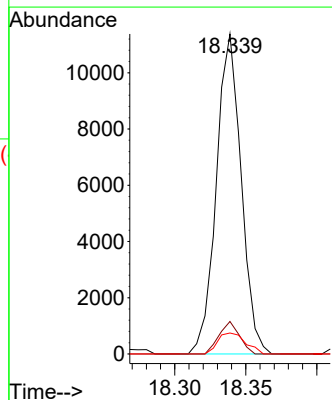
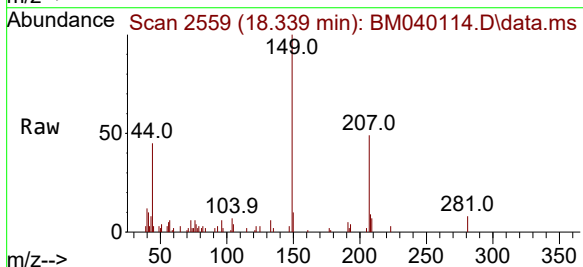
Instrument :
BNA_M
ClientSampleId :
362

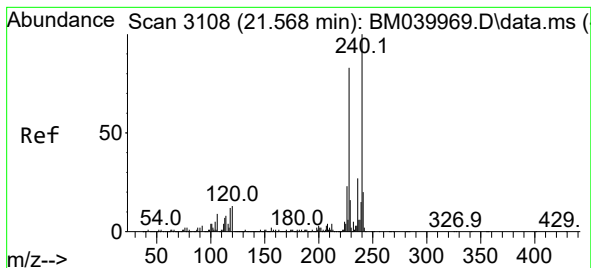
Tgt Ion:188 Resp: 1200328
Ion Ratio Lower Upper
188 100
94 11.2 7.8 11.8
80 12.1 8.2 12.4



#74
Di-n-butylphthalate
Concen: 3.817 ng
RT: 18.339 min Scan# 2559
Delta R.T. -0.006 min
Lab File: BM040114.D
Acq: 06 Jun 2023 21:25

Tgt Ion:149 Resp: 13827
Ion Ratio Lower Upper
149 100
150 10.1 7.4 11.2
104 6.6 4.2 6.2#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.550 min Scan# 31

Delta R.T. -0.006 min

Lab File: BM040114.D

Acq: 06 Jun 2023 21:25

Instrument :

BNA_M

ClientSampleId :

362

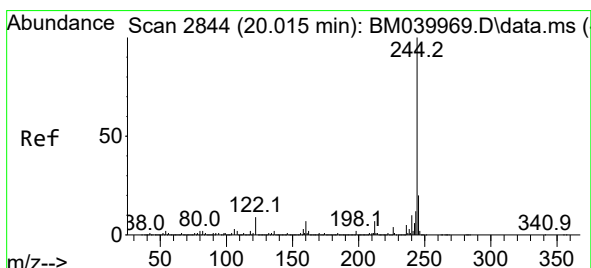
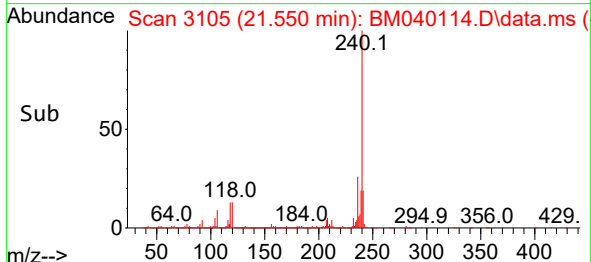
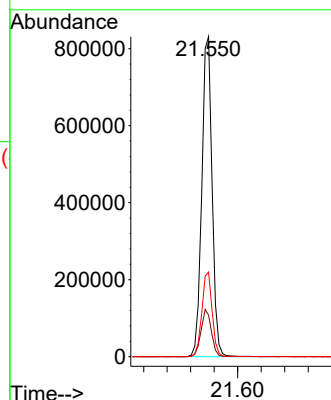
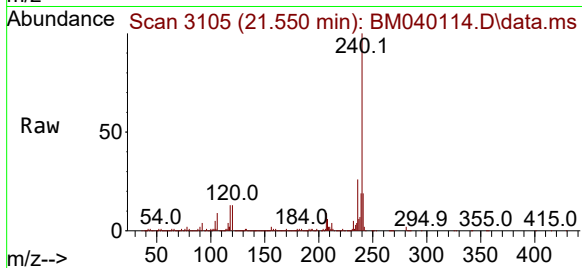
Tgt Ion:240 Resp: 1010070

Ion Ratio Lower Upper

240 100

120 13.0 10.1 15.1

236 26.4 21.3 31.9



#79

Terphenyl-d14

Concen: 126.943 ng

RT: 19.992 min Scan# 2840

Delta R.T. -0.000 min

Lab File: BM040114.D

Acq: 06 Jun 2023 21:25

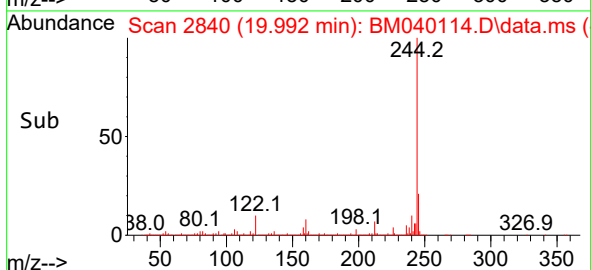
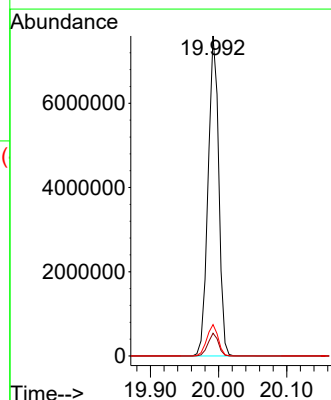
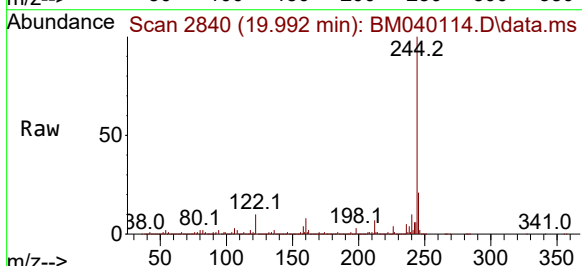
Tgt Ion:244 Resp: 8257996

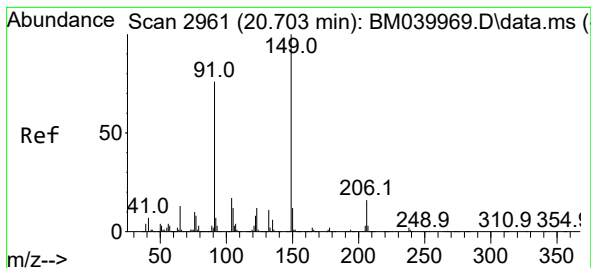
Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.0

122 9.8 7.1 10.7





#80

Butylbenzylphthalate

Concen: 4.855 ng

RT: 20.674 min Scan# 2961

Delta R.T. -0.012 min

Lab File: BM040114.D

Acq: 06 Jun 2023 21:25

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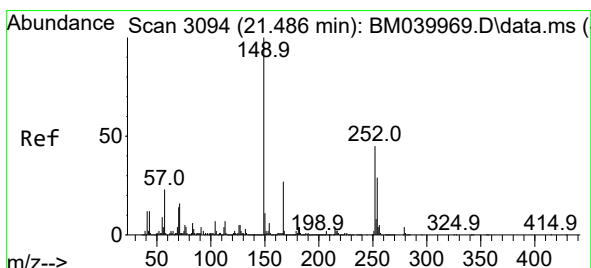
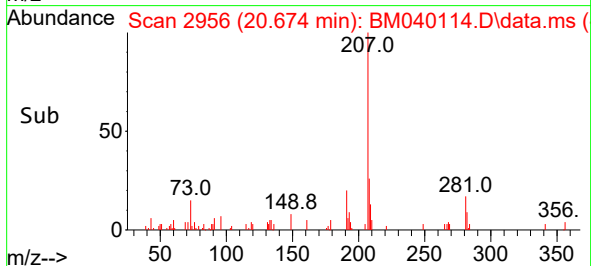
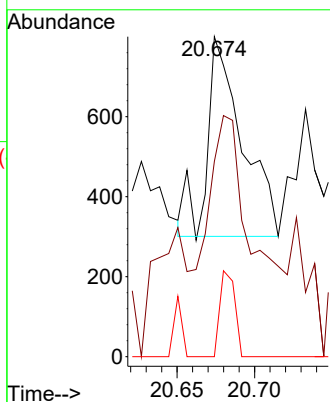
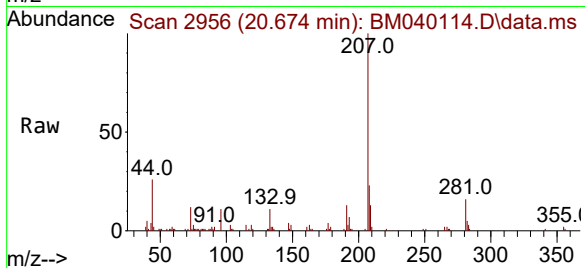
Tgt Ion:149 Resp: 791

Ion Ratio Lower Upper

149 100

91 61.0 61.0 91.4

206 0.0 12.7 19.1#



#84

Bis(2-ethylhexyl)phthalate

Concen: 3.656 ng

RT: 21.456 min Scan# 3089

Delta R.T. -0.006 min

Lab File: BM040114.D

Acq: 06 Jun 2023 21:25

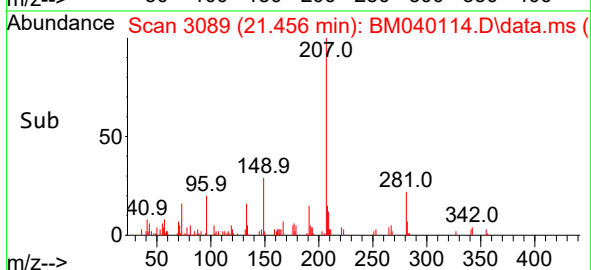
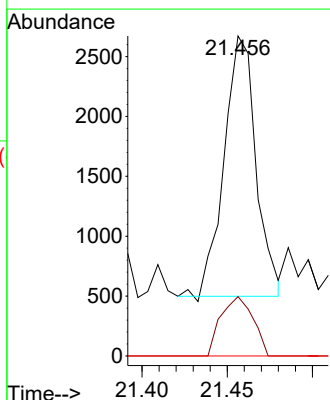
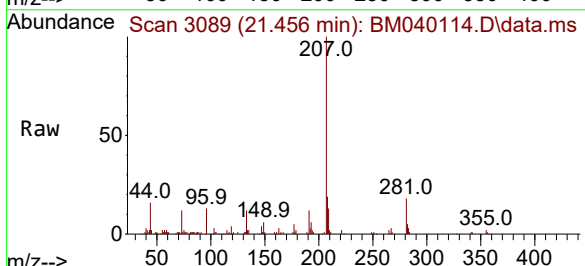
Tgt Ion:149 Resp: 2826

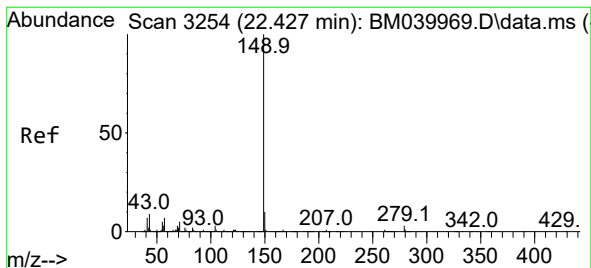
Ion Ratio Lower Upper

149 100

167 18.6 21.4 32.2#

279 0.0 3.3 4.9#





#85

Di-n-octyl phthalate

Concen: 6.617 ng

RT: 22.350 min Scan# 31

Delta R.T. -0.053 min

Lab File: BM040114.D

Acq: 06 Jun 2023 21:25

Instrument :

BNA_M

ClientSampleId :

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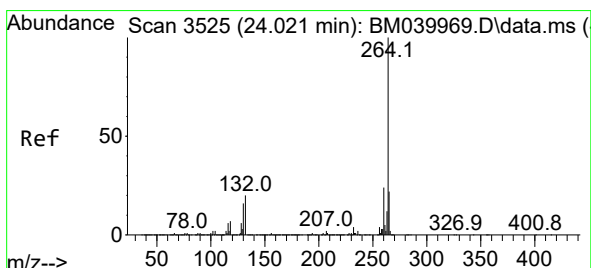
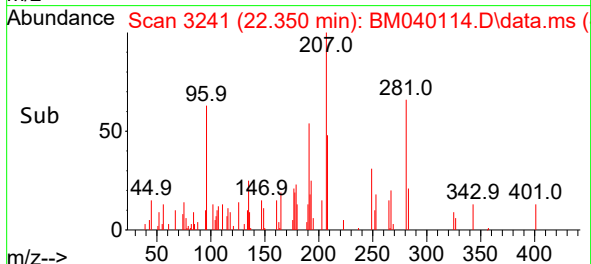
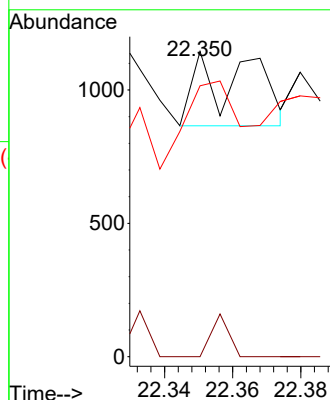
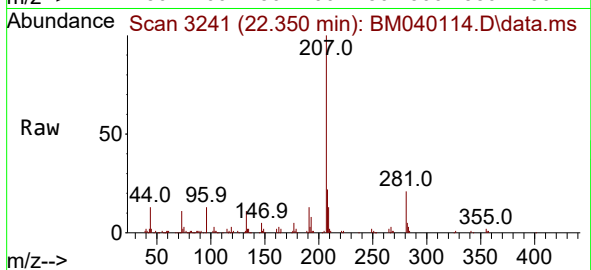
Tgt Ion:149 Resp: 306

Ion Ratio Lower Upper

149 100

167 18.3 1.1 1.7#

43 128.1 7.4 11.0#



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.986 min Scan# 3519

Delta R.T. -0.006 min

Lab File: BM040114.D

Acq: 06 Jun 2023 21:25

Tgt Ion:264 Resp: 1034322

Ion Ratio Lower Upper

264 100

260 23.9 19.5 29.3

265 21.8 17.7 26.5

