

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)

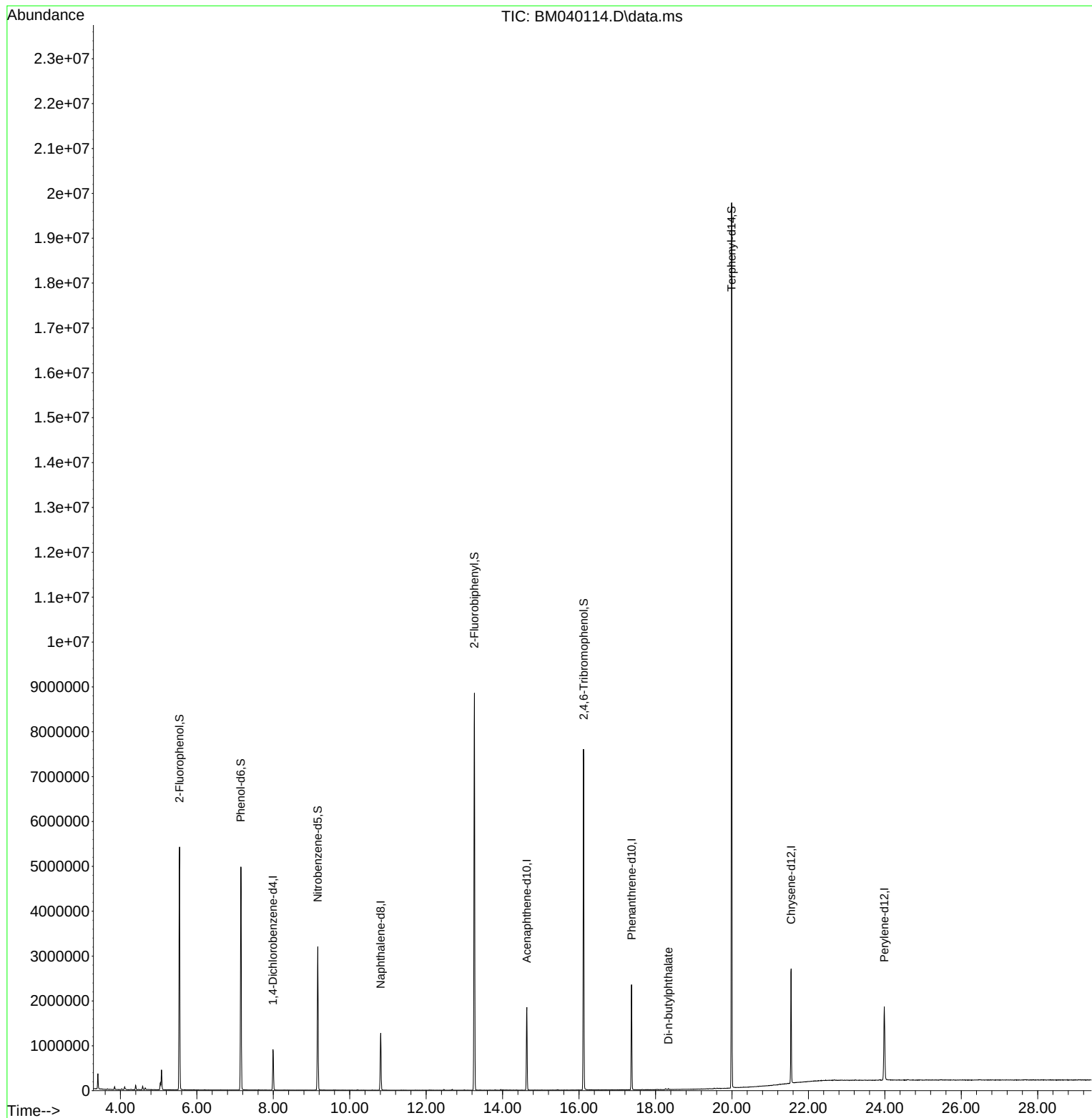
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.992	152	235337	20.000	ng	0.00
21) Naphthalene-d8	10.810	136	1013556	20.000	ng	0.00
39) Acenaphthene-d10	14.633	164	567524	20.000	ng	0.00
64) Phenanthrene-d10	17.374	188	1200328	20.000	ng	0.00
76) Chrysene-d12	21.550	240	1010070	20.000	ng	0.00
86) Perylene-d12	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						
74) Di-n-butylphthalate	18.339	149	13827	3.817	ng	Qvalue # 97

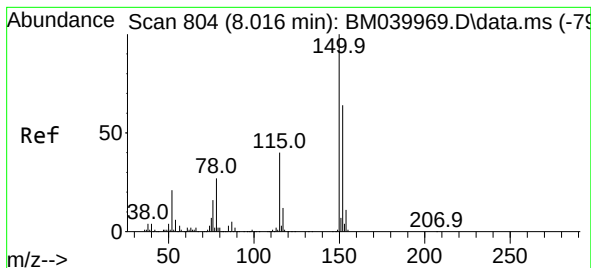
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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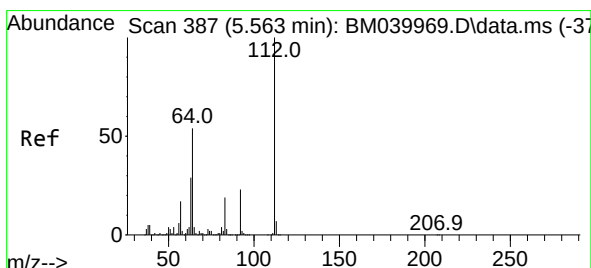
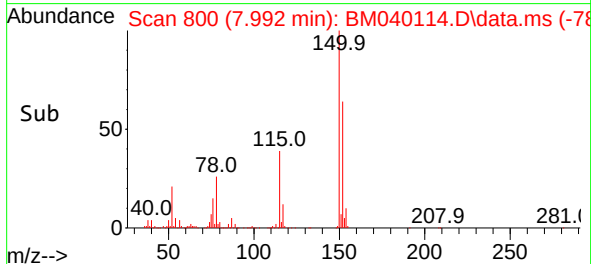
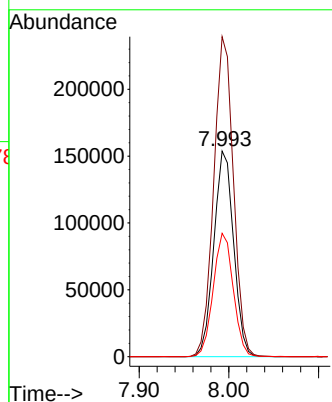
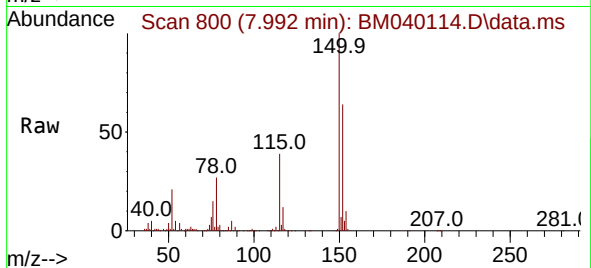




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.992 min Scan# 80
 Delta R.T. -0.006 min
 Lab File: BM040114.D
 Acq: 06 Jun 2023 21:25

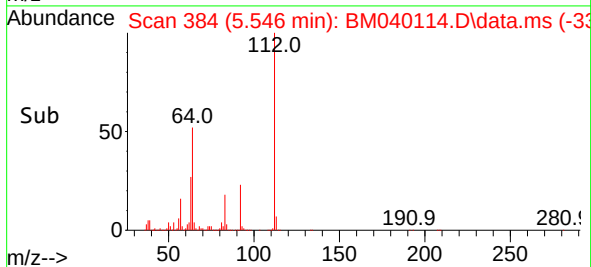
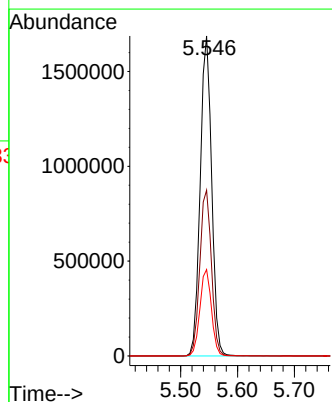
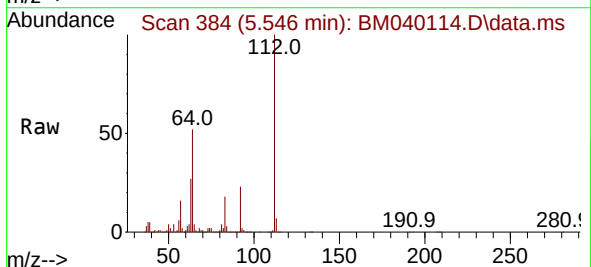
Instrument :
 BNA_M
 ClientSampleId :
 362

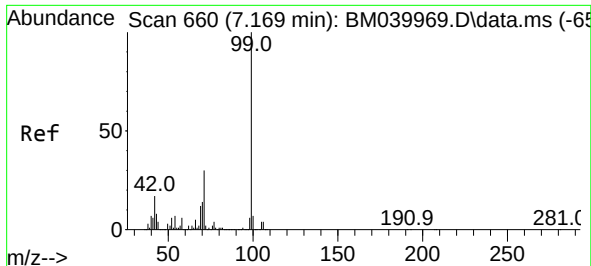
Tgt Ion:152 Resp: 235337
 Ion Ratio Lower Upper
 152 100
 150 155.6 125.5 188.3
 115 60.0 50.2 75.2



#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

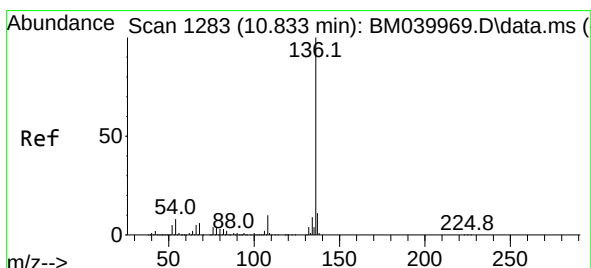
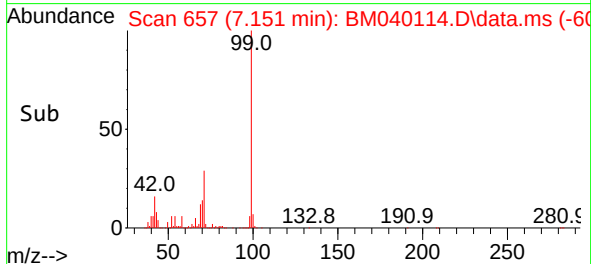
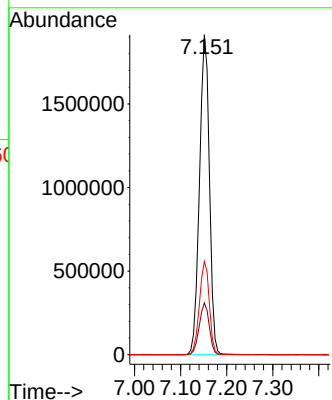
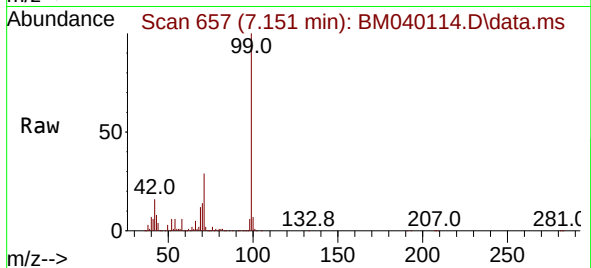




#7
Phenol-d6
Concen: 142.855 ng
RT: 7.151 min Scan# 61
Delta R.T. -0.000 min
Lab File: BM040114.D
Acq: 06 Jun 2023 21:25

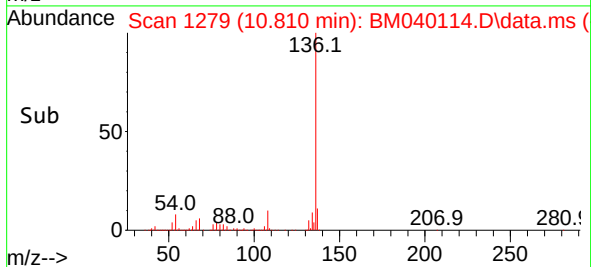
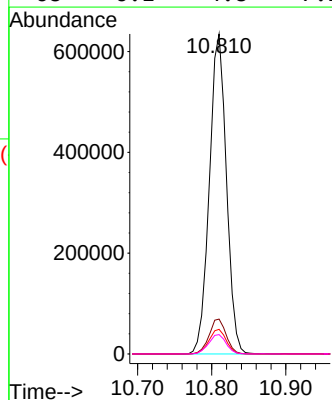
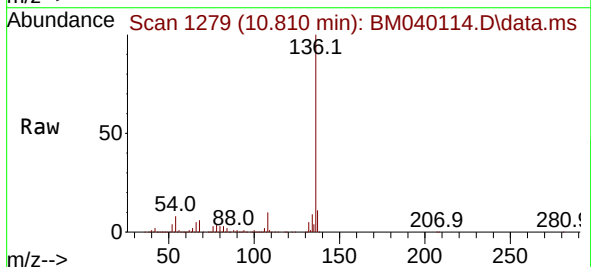
Instrument :
BNA_M
ClientSampleId :
362

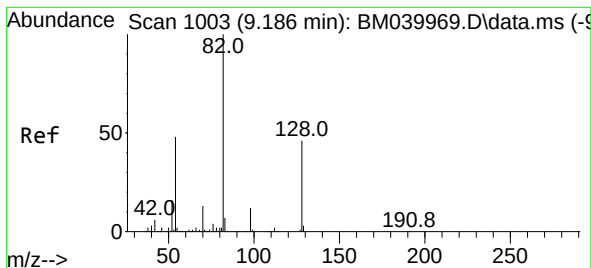
Tgt Ion: 99 Resp: 2859000
Ion Ratio Lower Upper
99 100
42 16.2 13.8 20.6
71 29.2 24.4 36.6



#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 :

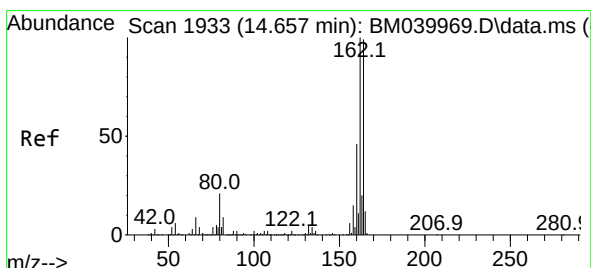
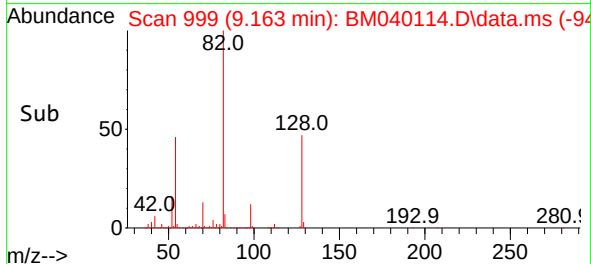
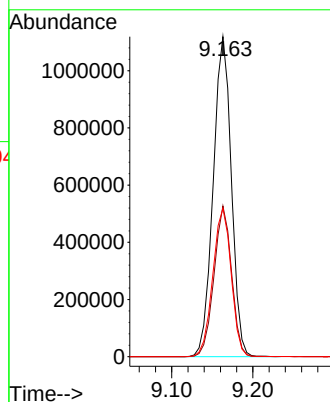
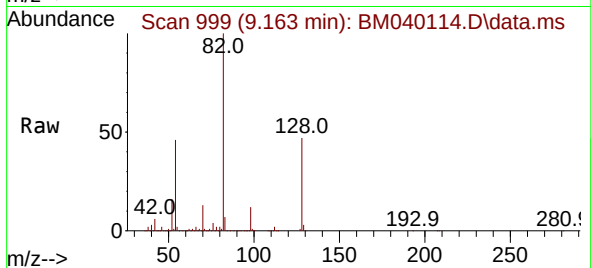
BNA_M

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

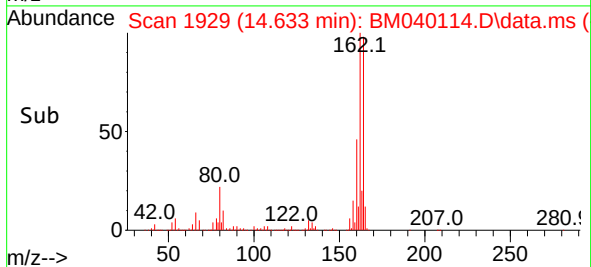
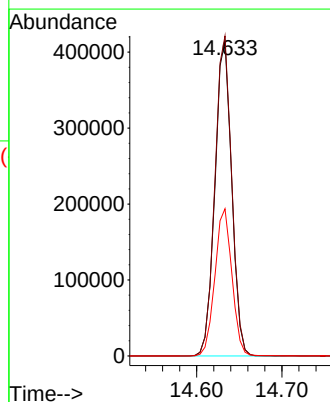
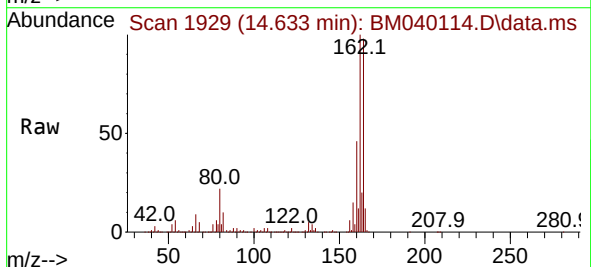
Delta R.T. -0.000 min

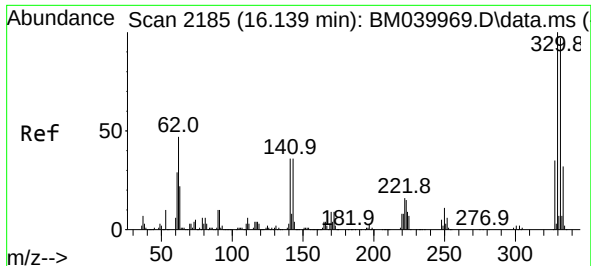
Lab File: BM040114.D

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

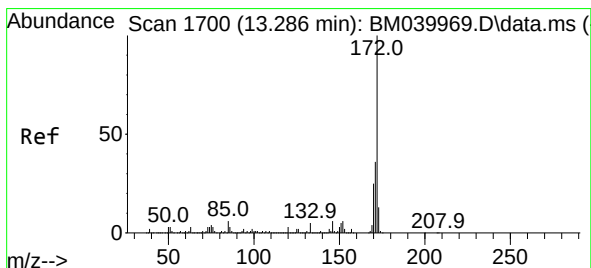
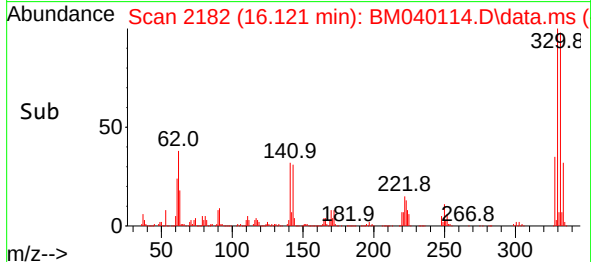
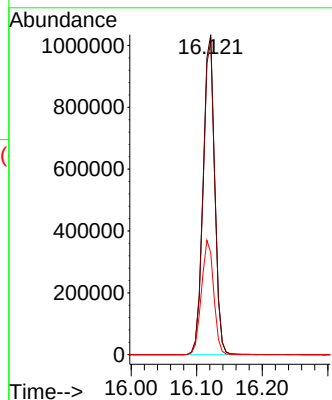
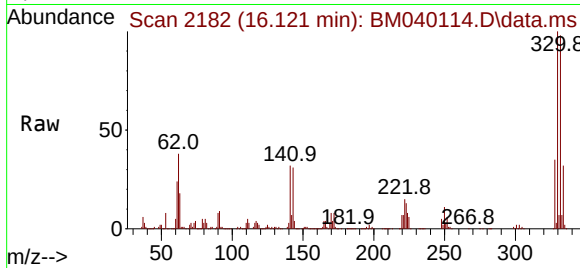




#42
 2,4,6-Tribromophenol
 Concen: 173.141 ng
 RT: 16.121 min Scan# 2185
 Delta R.T. -0.000 min
 Lab File: BM040114.D
 Acq: 06 Jun 2023 21:25

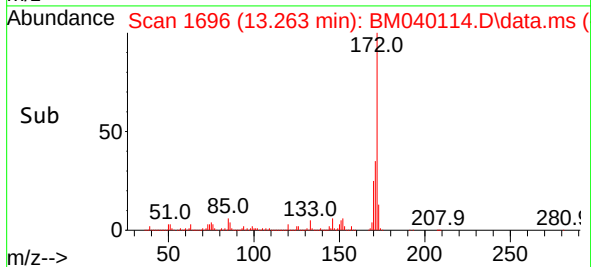
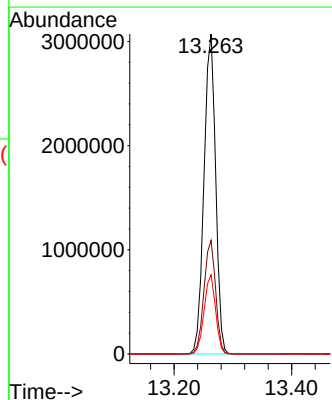
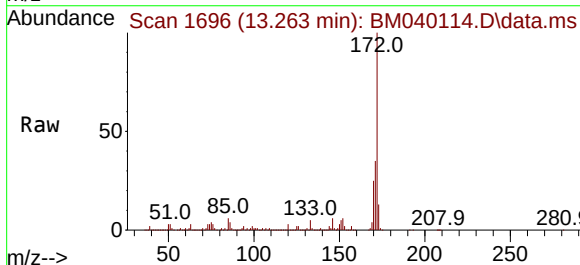
Instrument :
 BNA_M
 ClientSampleId :
 362

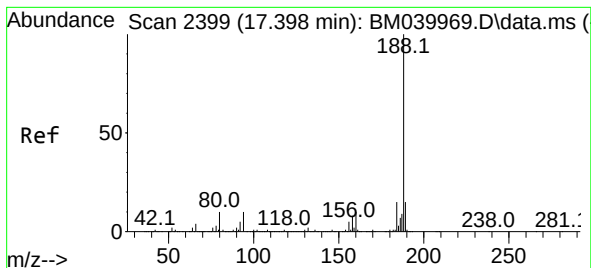
Tgt Ion:330 Resp: 1275361
 Ion Ratio Lower Upper
 330 100
 332 97.9 77.4 116.2
 141 37.9 31.6 47.4



#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

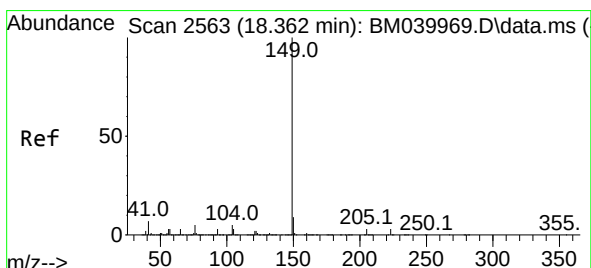
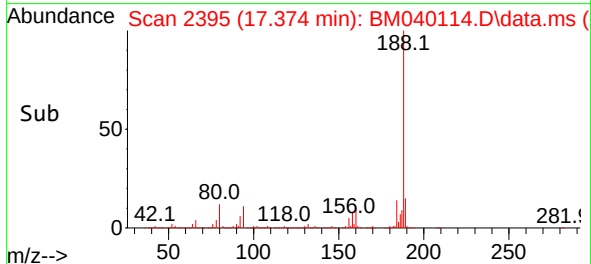
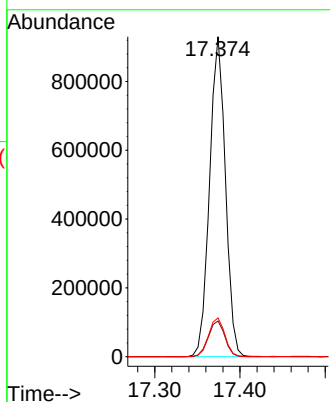
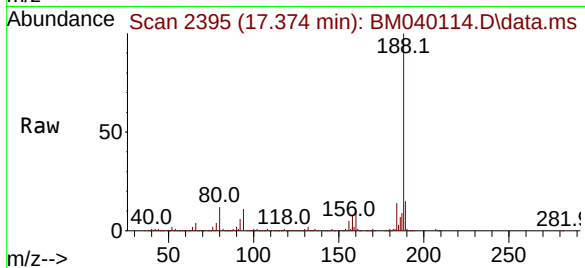
Tgt Ion:188 Resp: 1200328

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

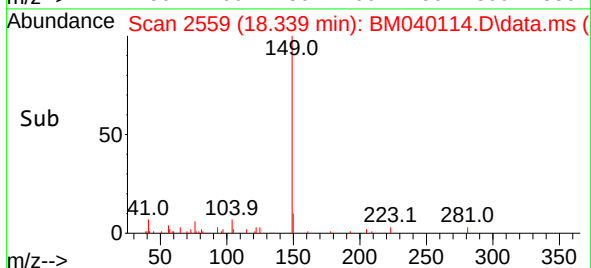
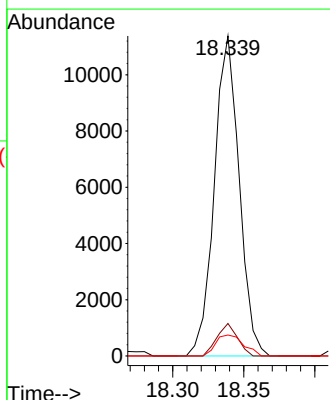
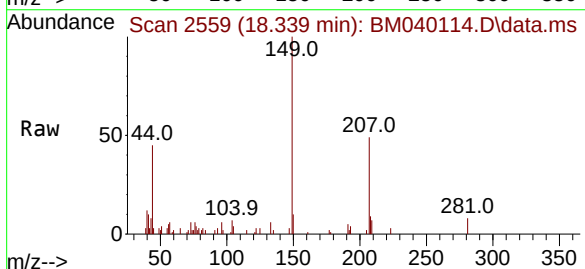
Tgt Ion:149 Resp: 13827

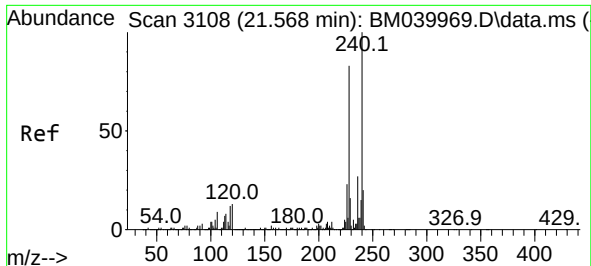
Ion Ratio Lower Upper

149 100

150 10.1 7.4 11.2

104 6.6 4.2 6.2#

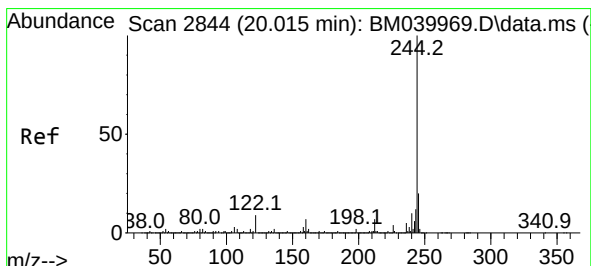
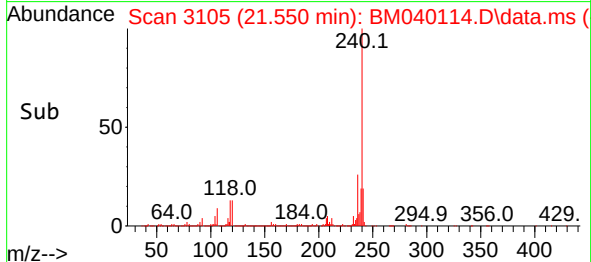
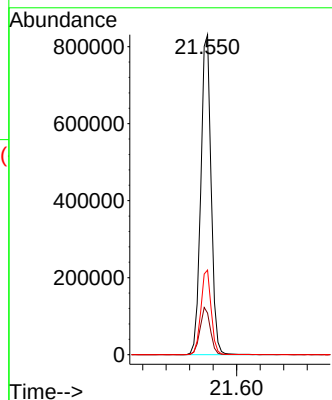
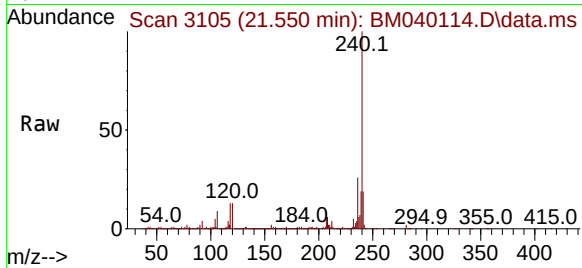




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.550 min Scan# 31
Delta R.T. -0.006 min
Lab File: BM040114.D
Acq: 06 Jun 2023 21:25

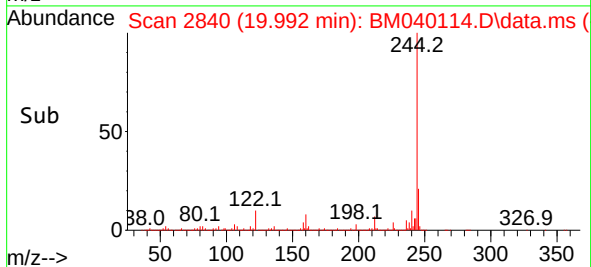
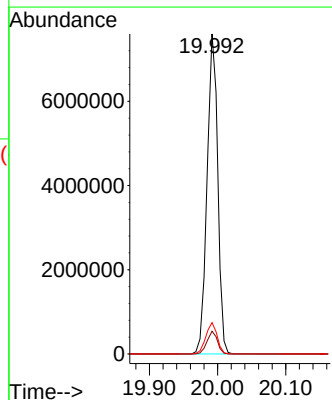
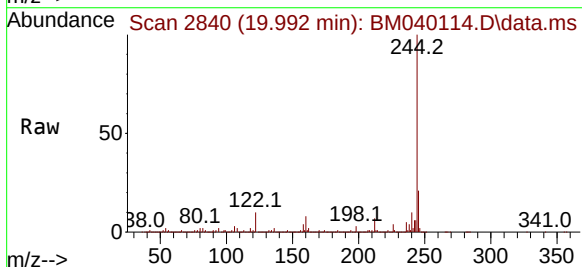
Instrument :
BNA_M
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362

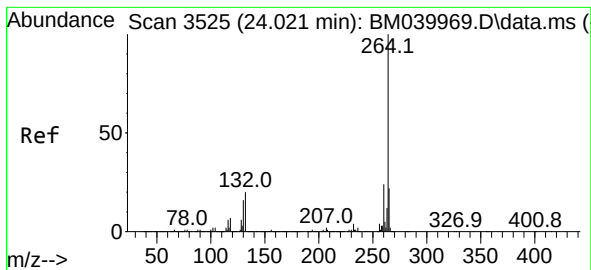
Tgt Ion:240 Resp: 1010070
Ion Ratio Lower Upper
240 100
120 13.0 10.1 15.1
236 26.4 21.3 31.9



#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





#86

Perylene-d12

Concen: 20.000 ng

RT: 23.986 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:264 Resp: 1034322

Ion Ratio Lower Upper

264 100

260 23.9 19.5 29.3

265 21.8 17.7 26.5

