

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080223\
 Data File : BM041239.D
 Acq On : 02 Aug 2023 11:34
 Operator : MA/JU
 Sample : 03810-02
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 B-P3B

Quant Time: Aug 03 03:05:52 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM072823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 02 19:20:51 2023
 Response via : Initial Calibration

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

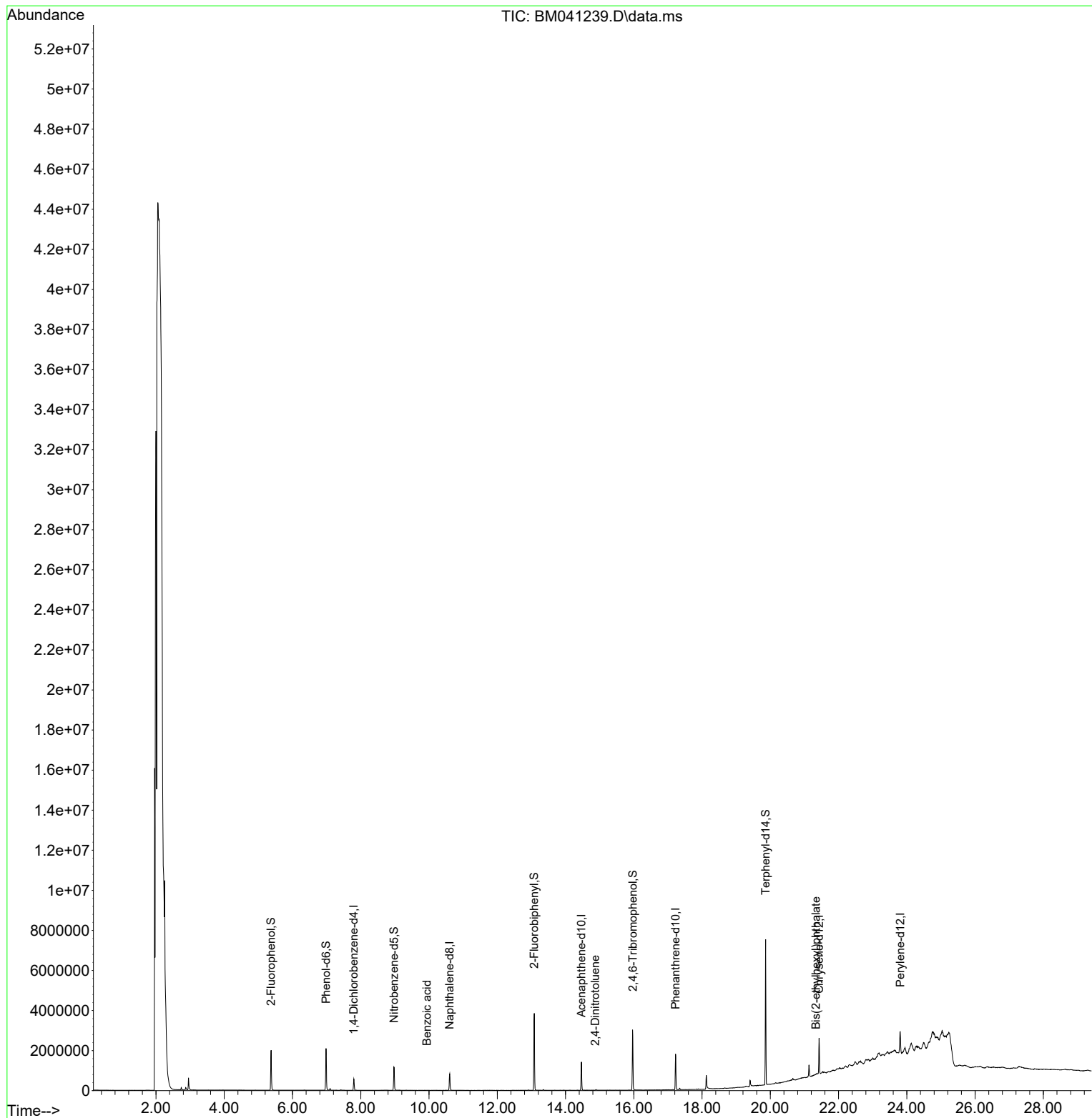
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.795	152	146183	20.000	ng	0.00
21) Naphthalene-d8	10.606	136	659664	20.000	ng	0.00
39) Acenaphthene-d10	14.465	164	452654	20.000	ng	0.00
64) Phenanthrene-d10	17.223	188	1042363	20.000	ng	0.00
76) Chrysene-d12	21.429	240	766472	20.000	ng	0.00
86) Perylene-d12	23.805	264	783883	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.371	112	821037	83.943	ng	0.00
7) Phenol-d6	6.983	99	1115639	87.996	ng	0.00
23) Nitrobenzene-d5	8.971	82	669523	47.200	ng	0.00
42) 2,4,6-Tribromophenol	15.970	330	554204	86.560	ng	0.00
45) 2-Fluorobiphenyl	13.082	172	1869236	52.166	ng	0.00
79) Terphenyl-d14	19.864	244	3340906	78.810	ng	0.00
Target Compounds						
32) Benzoic acid	9.941	122	58	7.162	ng	# 1
57) 2,4-Dinitrotoluene	14.865	165	60	2.676	ng	# 12
84) Bis(2-ethylhexyl)phtha...	21.335	149	6195	2.728	ng	# 86

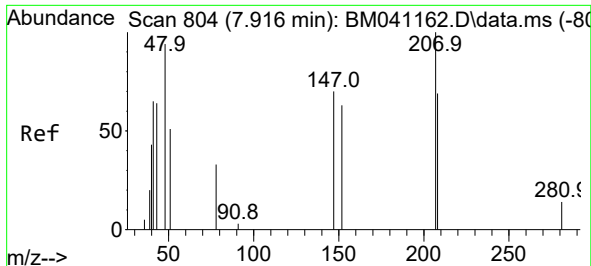
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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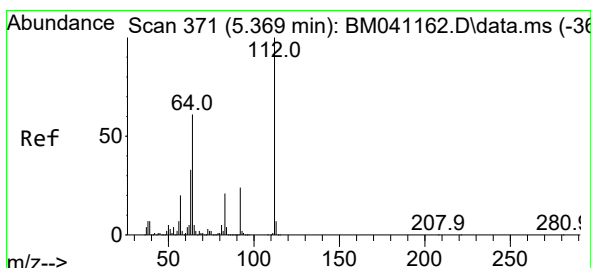
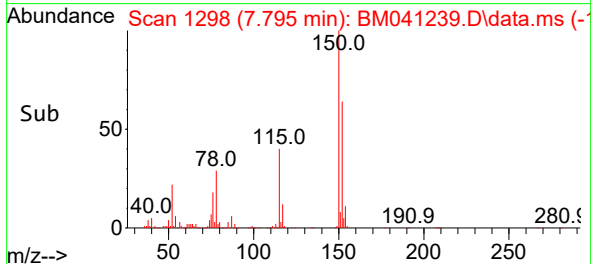
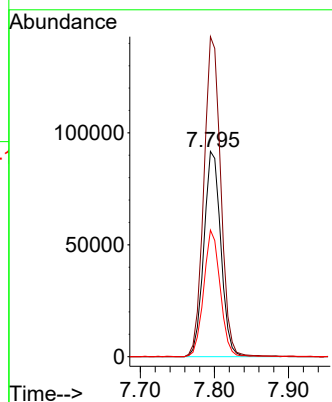
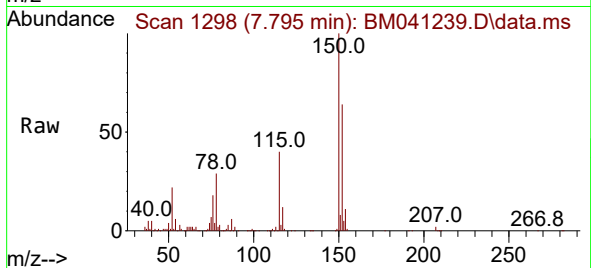




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.795 min Scan# 11
Delta R.T. 0.002 min
Lab File: BM041239.D
Acq: 02 Aug 2023 11:34

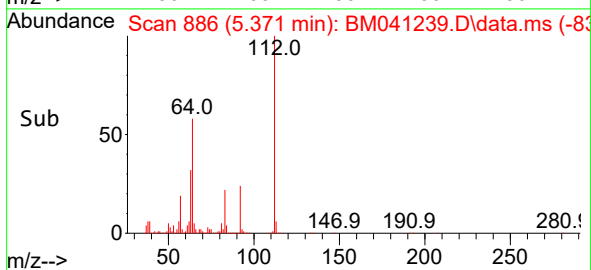
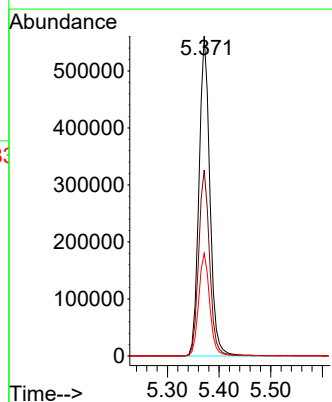
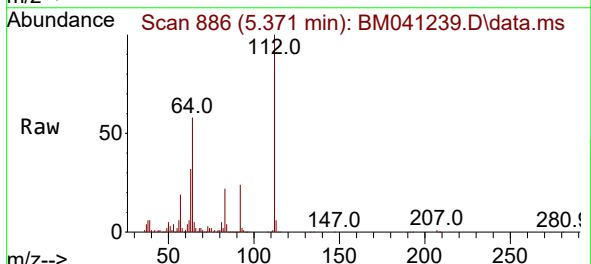
Instrument :
BNA_M
ClientSampleId :
B-P3B

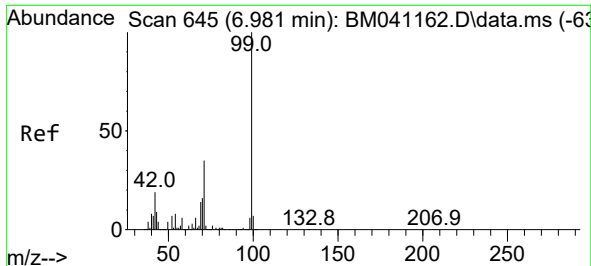
Tgt Ion:152 Resp: 146183
Ion Ratio Lower Upper
152 100
150 155.9 125.5 188.3
115 61.6 48.0 72.0



#5
2-Fluorophenol
Concen: 83.943 ng
RT: 5.371 min Scan# 886
Delta R.T. 0.002 min
Lab File: BM041239.D
Acq: 02 Aug 2023 11:34

Tgt Ion:112 Resp: 821037
Ion Ratio Lower Upper
112 100
64 58.1 48.5 72.7
63 32.1 26.5 39.7

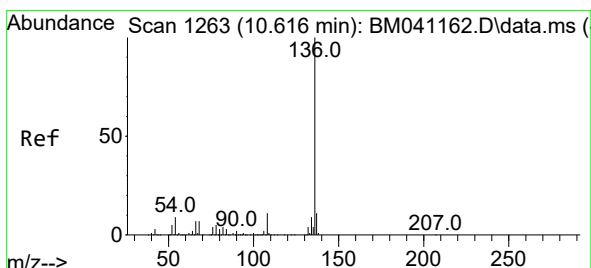
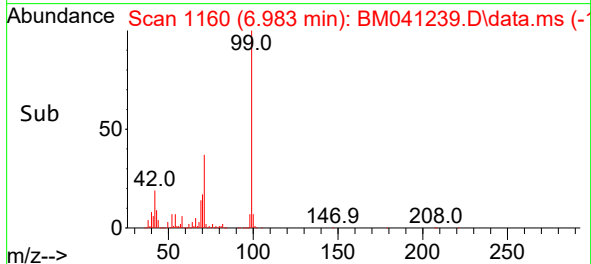
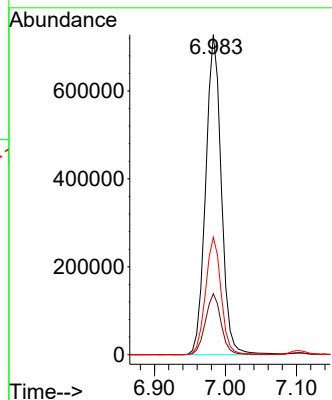
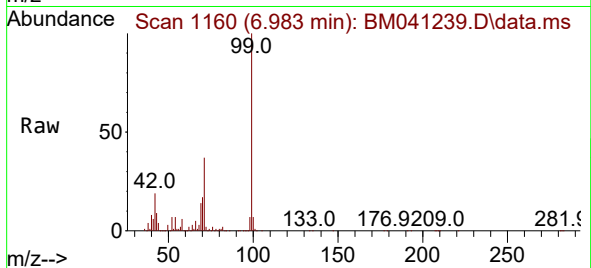




#7
Phenol-d6
Concen: 87.996 ng
RT: 6.983 min Scan# 11
Delta R.T. 0.002 min
Lab File: BM041239.D
Acq: 02 Aug 2023 11:34

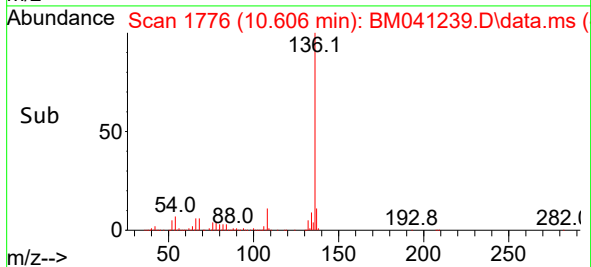
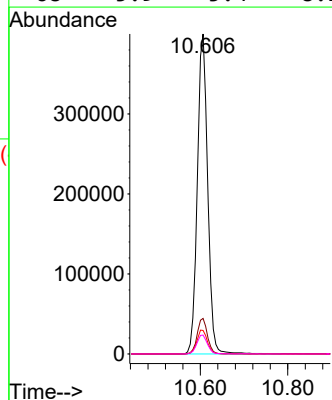
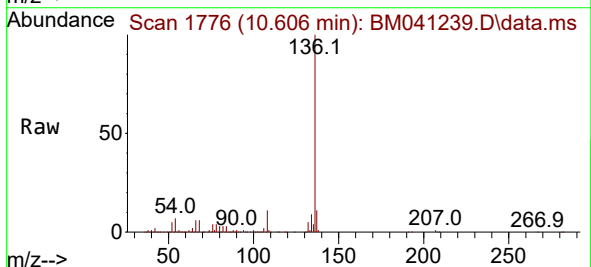
Instrument :
BNA_M
ClientSampleId :
B-P3B

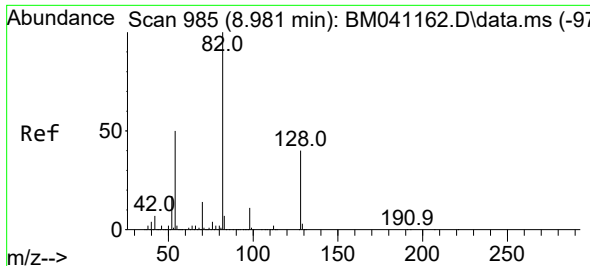
Tgt Ion: 99 Resp: 1115639
Ion Ratio Lower Upper
99 100
42 19.1 15.4 23.0
71 36.7 28.2 42.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.606 min Scan# 1776
Delta R.T. 0.002 min
Lab File: BM041239.D
Acq: 02 Aug 2023 11:34

Tgt Ion: 136 Resp: 659664
Ion Ratio Lower Upper
136 100
137 11.1 8.8 13.2
54 7.4 6.9 10.3
68 5.9 5.4 8.2

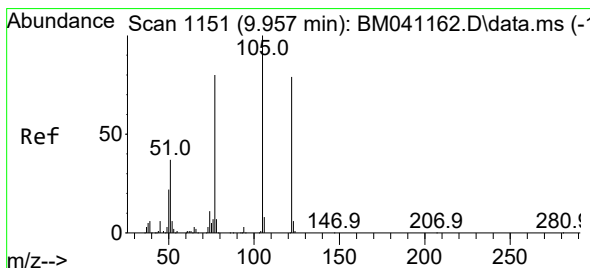
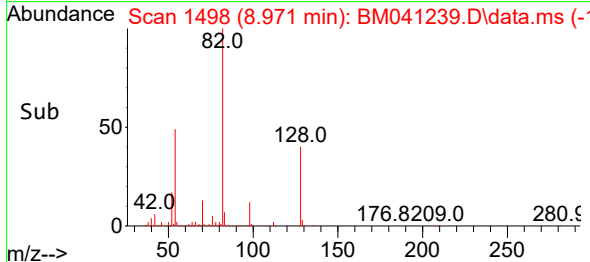
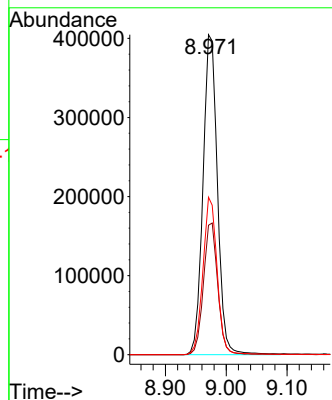
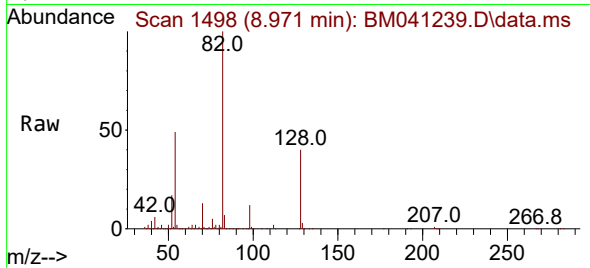




#23
Nitrobenzene-d5
Concen: 47.200 ng
RT: 8.971 min Scan# 14
Delta R.T. -0.004 min
Lab File: BM041239.D
Acq: 02 Aug 2023 11:34

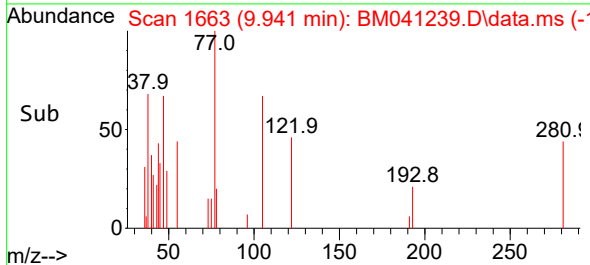
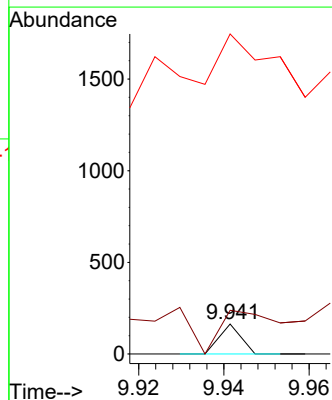
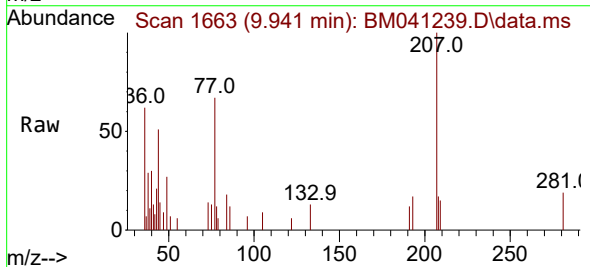
Instrument :
BNA_M
ClientSampleId :
B-P3B

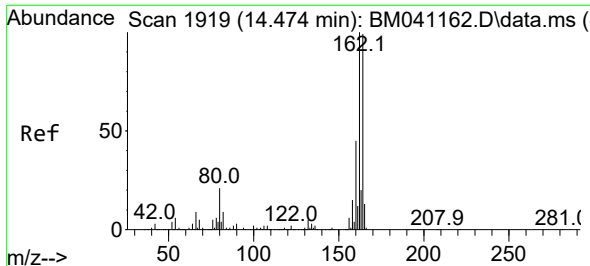
Tgt Ion: 82 Resp: 669523
Ion Ratio Lower Upper
82 100
128 40.4 31.8 47.6
54 49.2 40.1 60.1



#32
Benzoic acid
Concen: 7.162 ng
RT: 9.941 min Scan# 1663
Delta R.T. -0.016 min
Lab File: BM041239.D
Acq: 02 Aug 2023 11:34

Tgt Ion: 122 Resp: 58
Ion Ratio Lower Upper
122 100
105 145.7 104.0 144.0#
77 1064.6 79.9 119.9#

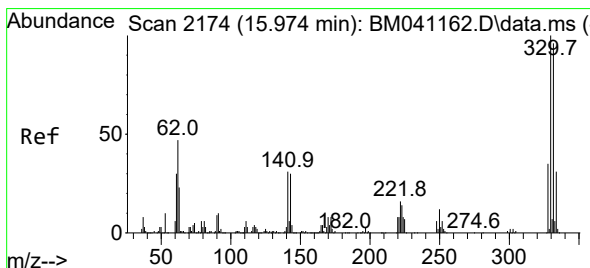
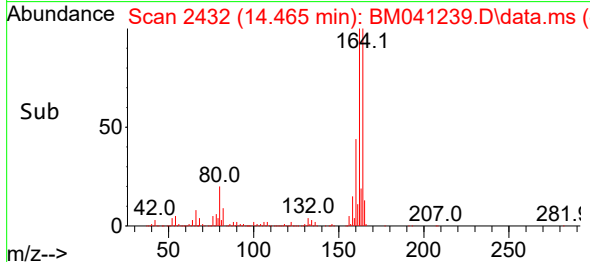
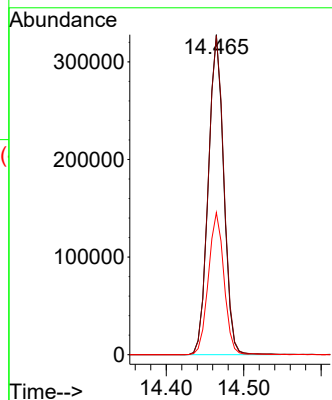
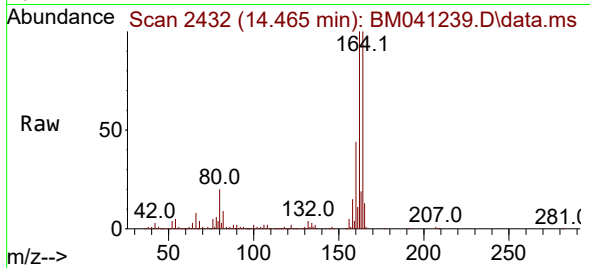




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.465 min Scan# 2432
Delta R.T. 0.002 min
Lab File: BM041239.D
Acq: 02 Aug 2023 11:34

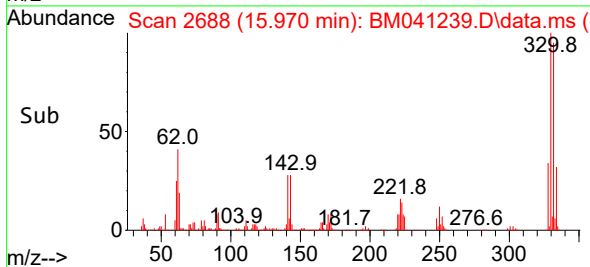
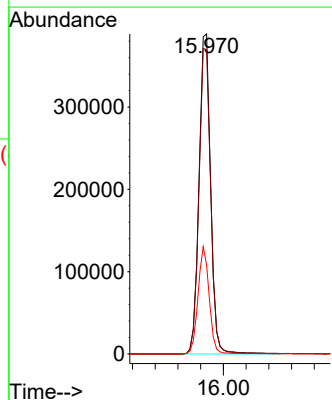
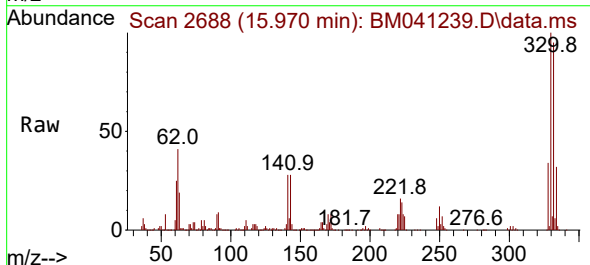
Instrument :
BNA_M
ClientSampleId :
B-P3B

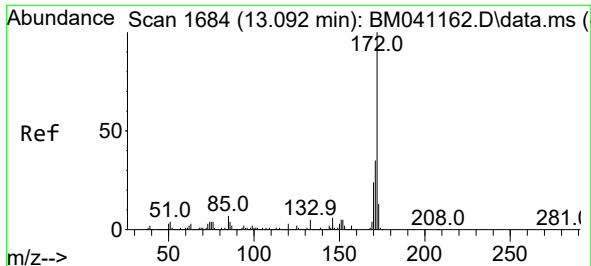
Tgt Ion:164 Resp: 452654
Ion Ratio Lower Upper
164 100
162 99.7 80.4 120.6
160 44.4 36.2 54.2



#42
2,4,6-Tribromophenol
Concen: 86.560 ng
RT: 15.970 min Scan# 2688
Delta R.T. 0.002 min
Lab File: BM041239.D
Acq: 02 Aug 2023 11:34

Tgt Ion:330 Resp: 554204
Ion Ratio Lower Upper
330 100
332 96.2 77.7 116.5
141 32.4 28.3 42.5

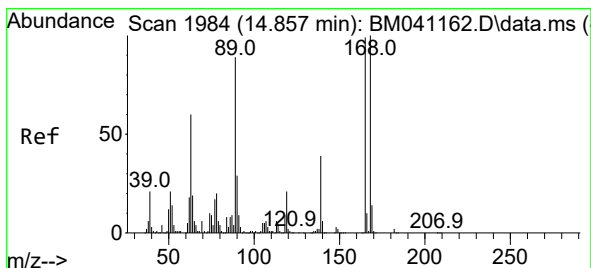
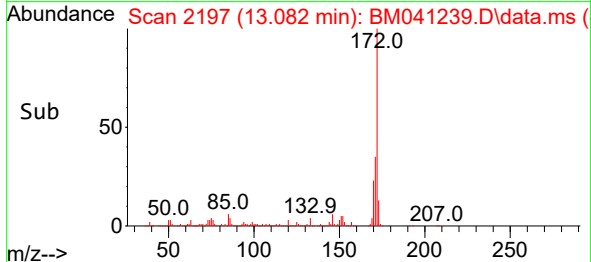
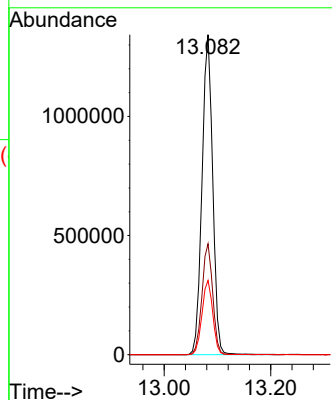
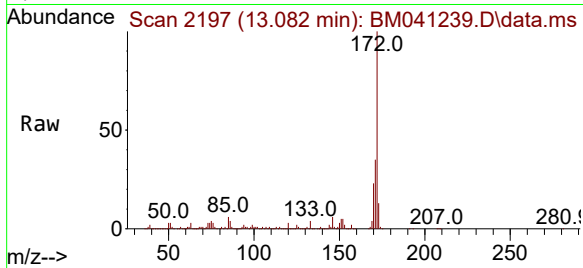




#45
2-Fluorobiphenyl
Concen: 52.166 ng
RT: 13.082 min Scan# 21
Delta R.T. 0.002 min
Lab File: BM041239.D
Acq: 02 Aug 2023 11:34

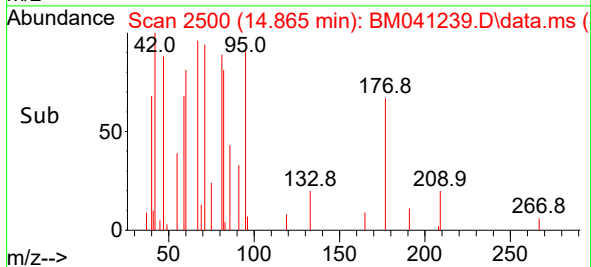
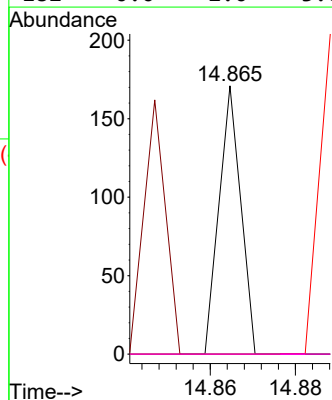
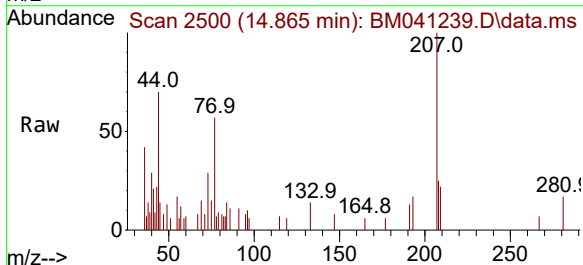
Instrument :
BNA_M
ClientSampleId :
B-P3B

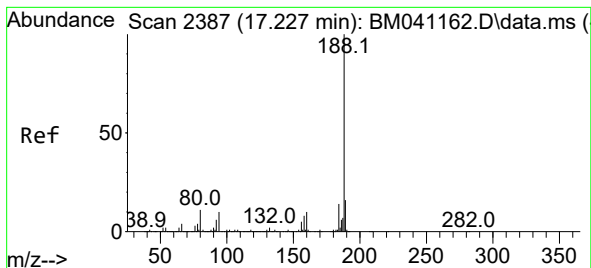
Tgt Ion:172 Resp: 1869236
Ion Ratio Lower Upper
172 100
171 34.7 28.1 42.1
170 23.2 18.9 28.3



#57
2,4-Dinitrotoluene
Concen: 2.676 ng
RT: 14.865 min Scan# 2500
Delta R.T. 0.008 min
Lab File: BM041239.D
Acq: 02 Aug 2023 11:34

Tgt Ion:165 Resp: 60
Ion Ratio Lower Upper
165 100
63 0.0 48.3 72.5#
89 0.0 71.8 107.8#
182 0.0 2.0 3.0#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.223 min Scan# 24

Delta R.T. 0.002 min

Lab File: BM041239.D

Acq: 02 Aug 2023 11:34

Instrument :

BNA_M

ClientSampleId :

B-P3B

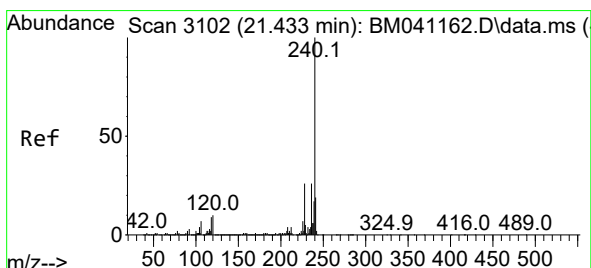
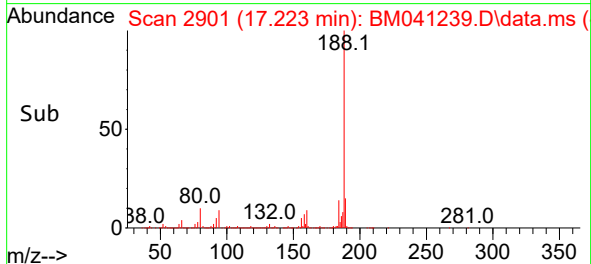
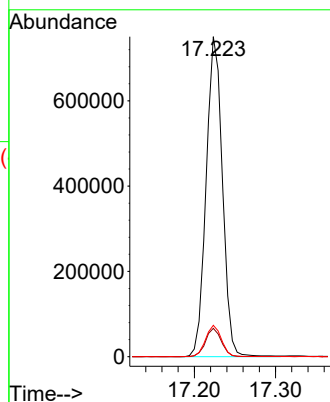
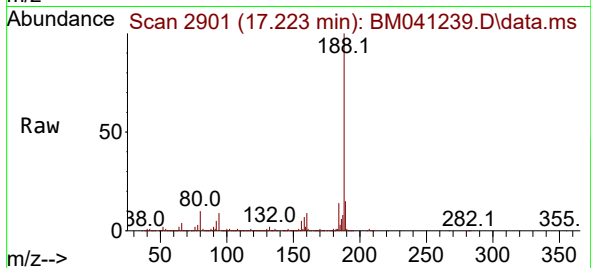
Tgt Ion:188 Resp: 1042363

Ion Ratio Lower Upper

188 100

94 8.9 8.2 12.2

80 9.8 8.6 13.0



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.429 min Scan# 3616

Delta R.T. -0.004 min

Lab File: BM041239.D

Acq: 02 Aug 2023 11:34

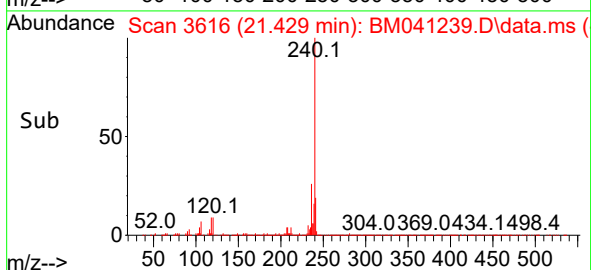
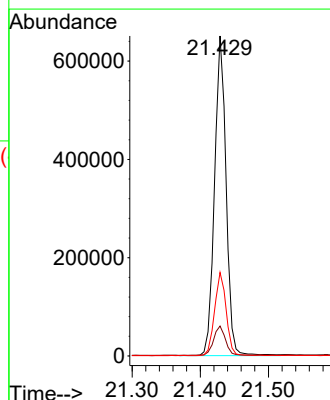
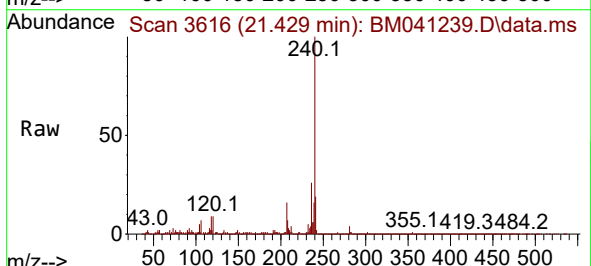
Tgt Ion:240 Resp: 766472

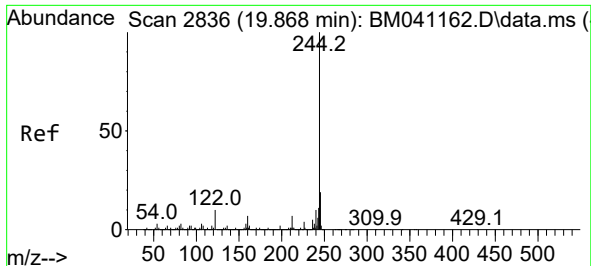
Ion Ratio Lower Upper

240 100

120 9.3 8.3 12.5

236 26.1 20.6 30.8

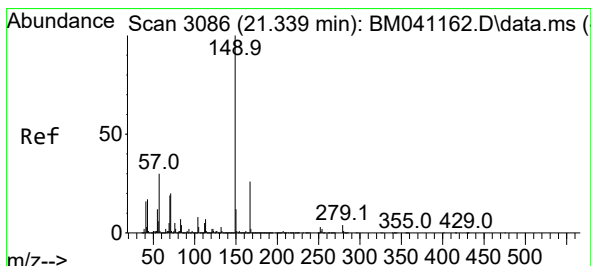
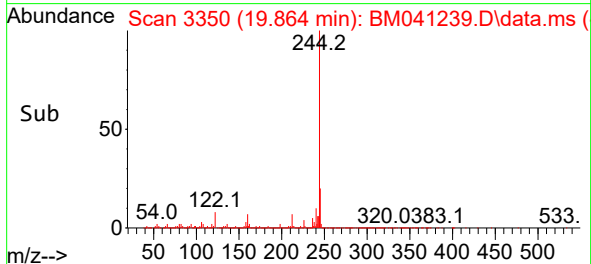
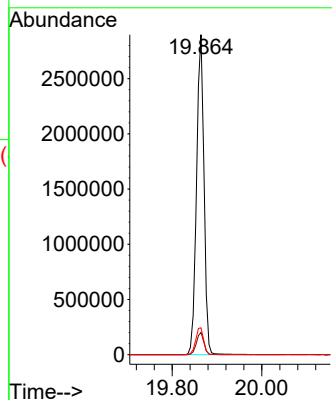
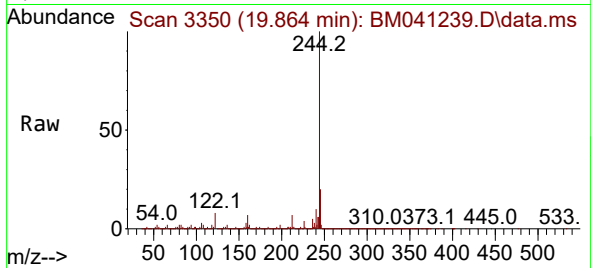




#79
 Terphenyl-d14
 Concen: 78.810 ng
 RT: 19.864 min Scan# 31
 Delta R.T. 0.002 min
 Lab File: BM041239.D
 Acq: 02 Aug 2023 11:34

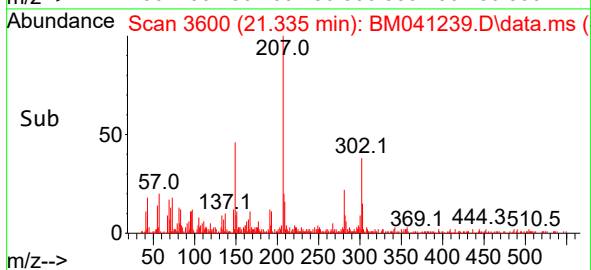
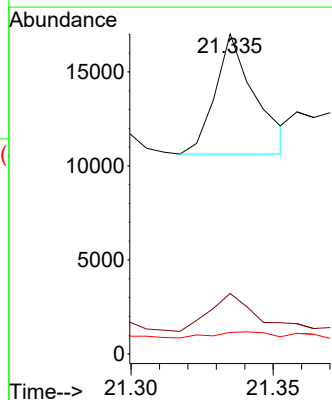
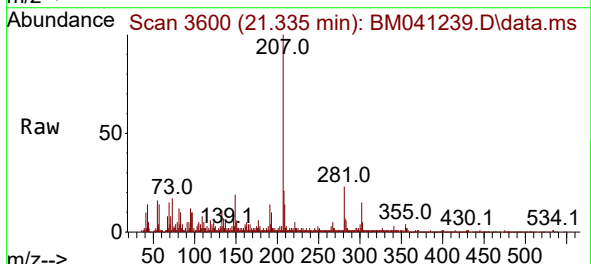
Instrument :
 BNA_M
 ClientSampleId :
 B-P3B

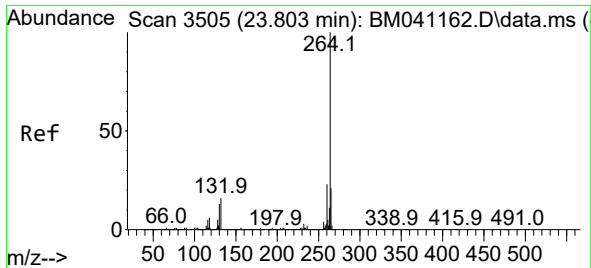
Tgt Ion:244 Resp: 3340906
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.4 8.2
 122 8.4 7.8 11.6



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 2.728 ng
 RT: 21.335 min Scan# 3600
 Delta R.T. 0.002 min
 Lab File: BM041239.D
 Acq: 02 Aug 2023 11:34

Tgt Ion:149 Resp: 6195
 Ion Ratio Lower Upper
 149 100
 167 18.9 21.0 31.6#
 279 6.8 3.1 4.7#





#86
Perylene-d12
Concen: 20.000 ng
RT: 23.805 min Scan# 40
Delta R.T. 0.002 min
Lab File: BM041239.D
Acq: 02 Aug 2023 11:34

Instrument :
BNA_M
ClientSampleId :
B-P3B

Tgt Ion:	264	Resp:	783883
Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.5	27.7
265	21.7	17.4	26.0

