

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080123\
 Data File : BM041217.D
 Acq On : 01 Aug 2023 10:10
 Operator : MA/JU
 Sample : PB154495BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB154495BL

Quant Time: Aug 02 01:54:28 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM072823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 31 16:29:28 2023
 Response via : Initial Calibration

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

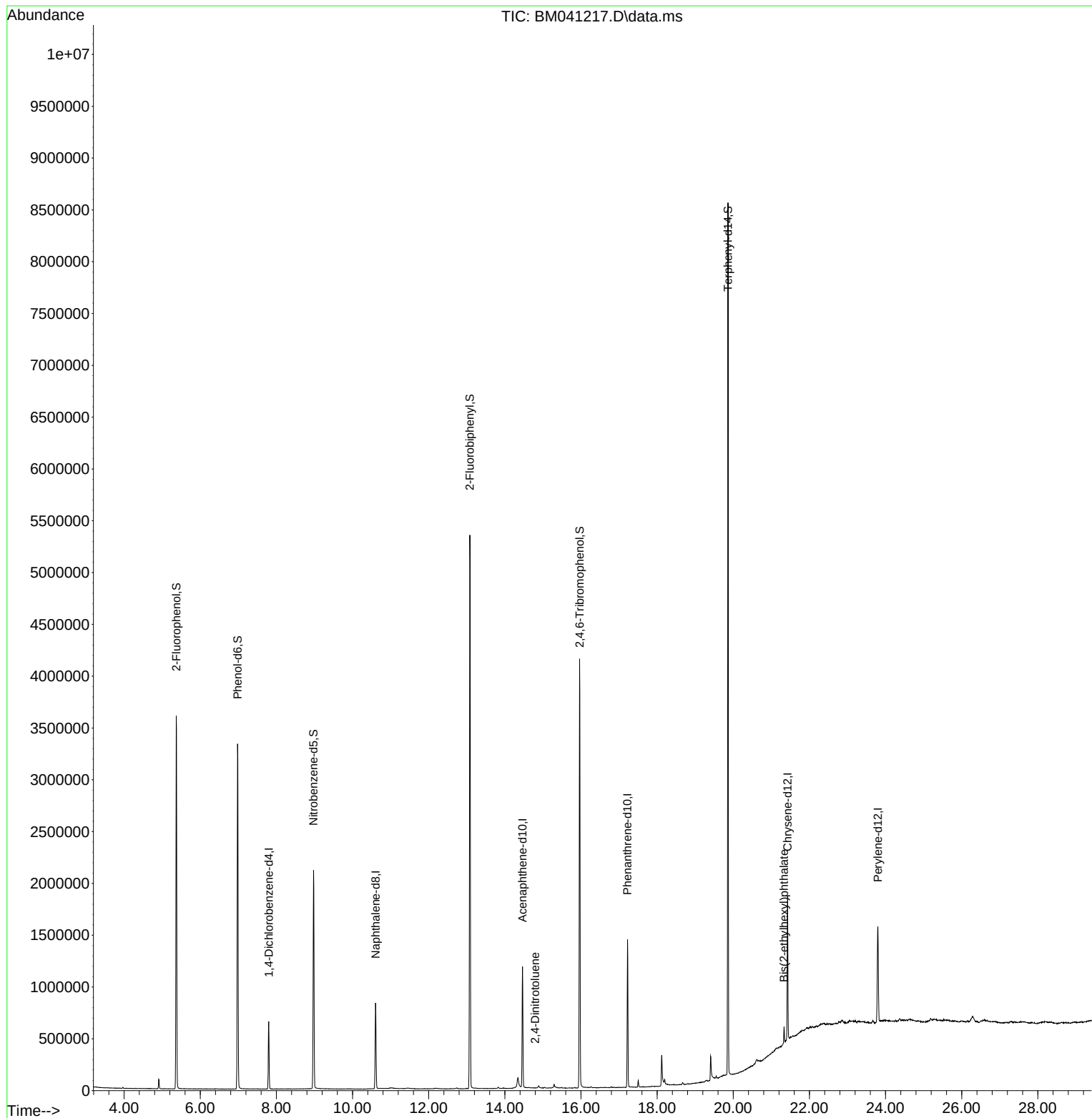
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.798	152	159503	20.000	ng	0.00
21) Naphthalene-d8	10.604	136	644202	20.000	ng	0.00
39) Acenaphthene-d10	14.463	164	384079	20.000	ng	0.00
64) Phenanthrene-d10	17.221	188	801700	20.000	ng	0.00
76) Chrysene-d12	21.427	240	625853	20.000	ng	0.00
86) Perylene-d12	23.797	264	692502	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.369	112	1460920	136.892	ng	0.00
7) Phenol-d6	6.981	99	1840834	133.070	ng	0.00
23) Nitrobenzene-d5	8.975	82	1185711	85.596	ng	0.00
42) 2,4,6-Tribromophenol	15.968	330	771647	142.040	ng	0.00
45) 2-Fluorobiphenyl	13.080	172	2638286	86.774	ng	0.00
79) Terphenyl-d14	19.862	244	3867638	111.734	ng	0.00
Target Compounds						
57) 2,4-Dinitrotoluene	14.792	165	54	2.676	ng	# 12
84) Bis(2-ethylhexyl)phtha...	21.333	149	61403	4.830	ng	# 96

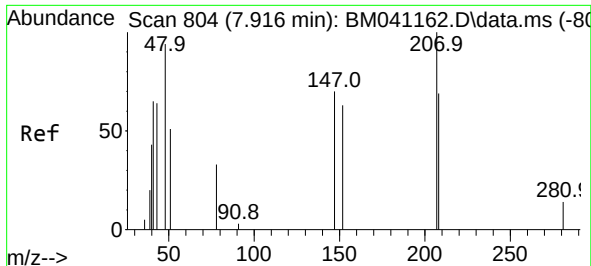
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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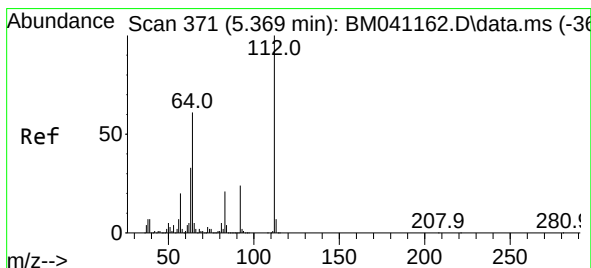
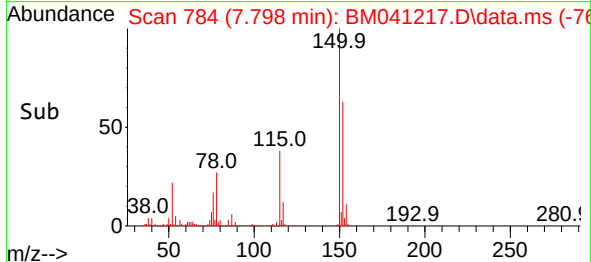
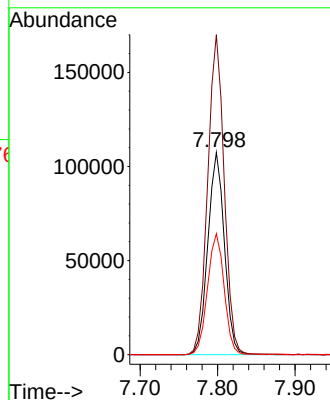
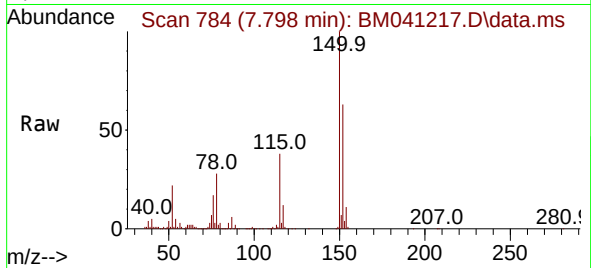




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.798 min Scan# 71
Delta R.T. 0.000 min
Lab File: BM041217.D
Acq: 01 Aug 2023 10:10

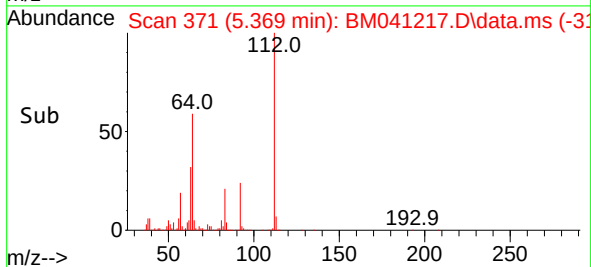
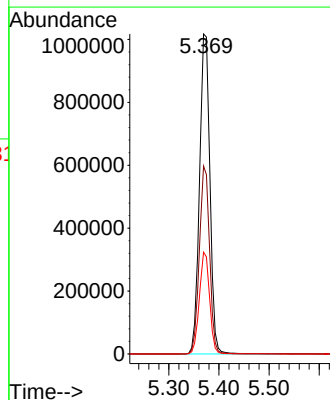
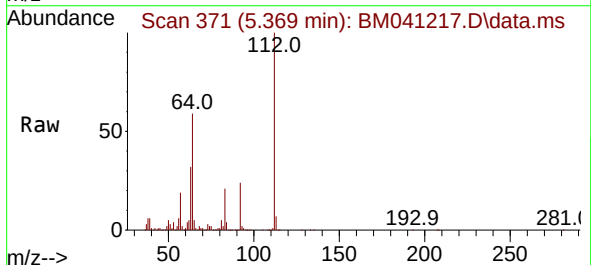
Instrument :
BNA_M
ClientSampleId :
PB154495BL

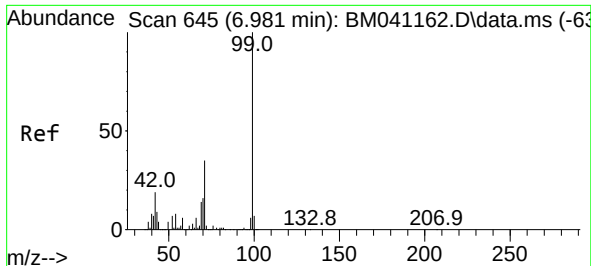
Tgt Ion:152 Resp: 159503
Ion Ratio Lower Upper
152 100
150 158.2 125.5 188.3
115 59.8 48.0 72.0



#5
2-Fluorophenol
Concen: 136.892 ng
RT: 5.369 min Scan# 371
Delta R.T. 0.006 min
Lab File: BM041217.D
Acq: 01 Aug 2023 10:10

Tgt Ion:112 Resp: 1460920
Ion Ratio Lower Upper
112 100
64 58.8 48.5 72.7
63 31.8 26.5 39.7



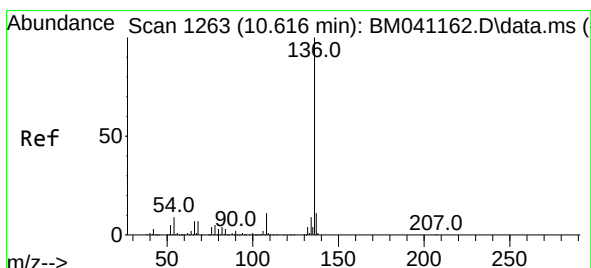
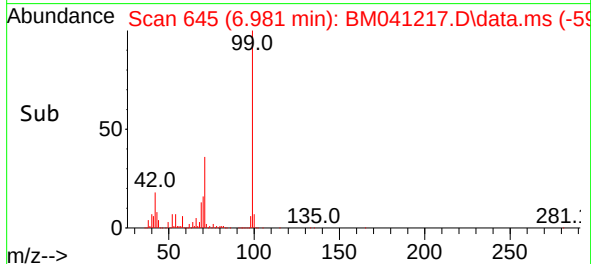
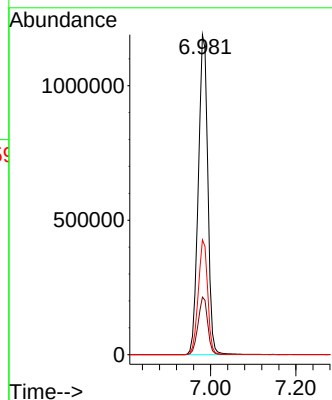
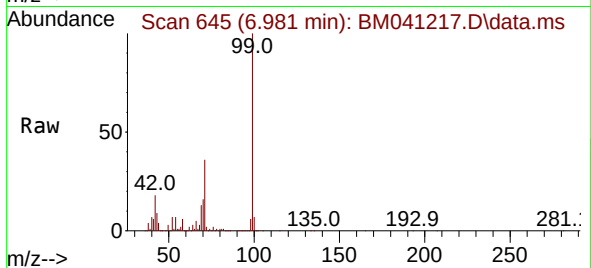


#7
Phenol-d6
Concen: 133.070 ng
RT: 6.981 min Scan# 645
Delta R.T. 0.006 min
Lab File: BM041217.D
Acq: 01 Aug 2023 10:10

Instrument :
BNA_M
ClientSampleId :
PB154495BL

Tgt Ion: 99 Resp: 1840834

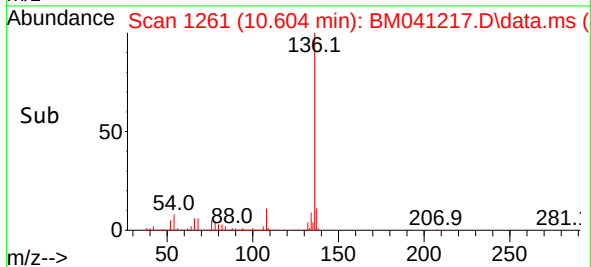
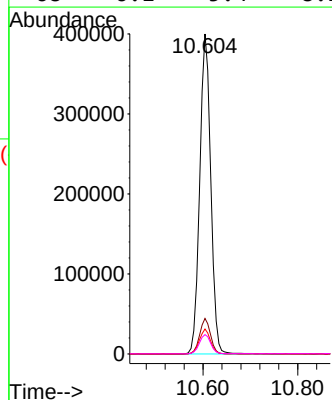
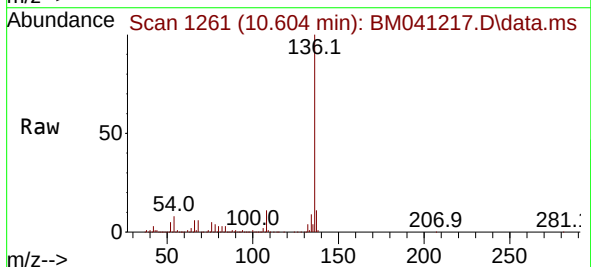
Ion	Ratio	Lower	Upper
99	100		
42	18.0	15.4	23.0
71	35.9	28.2	42.4

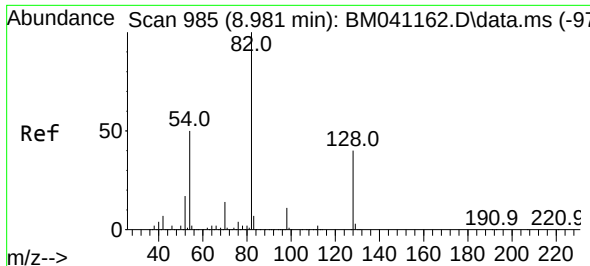


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.604 min Scan# 1261
Delta R.T. 0.000 min
Lab File: BM041217.D
Acq: 01 Aug 2023 10:10

Tgt Ion: 136 Resp: 644202

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	7.8	6.9	10.3
68	6.1	5.4	8.2

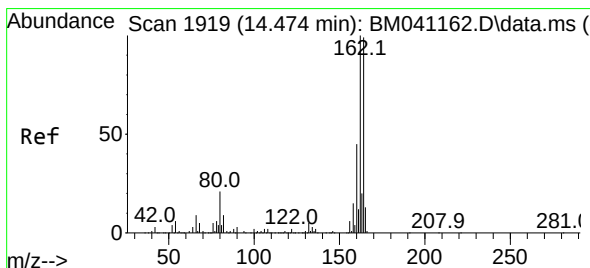
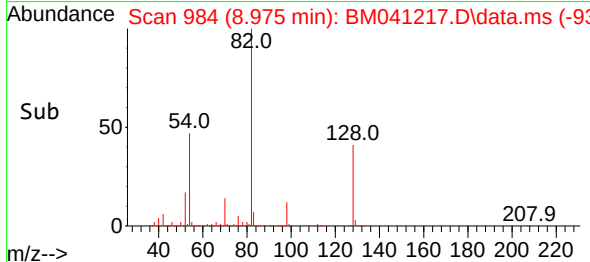
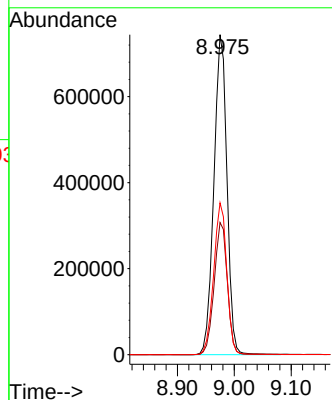
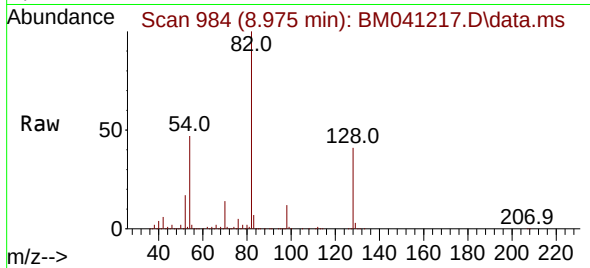




#23
Nitrobenzene-d5
Concen: 85.596 ng
RT: 8.975 min Scan# 91
Delta R.T. 0.000 min
Lab File: BM041217.D
Acq: 01 Aug 2023 10:10

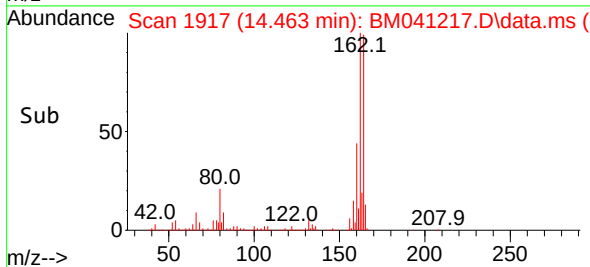
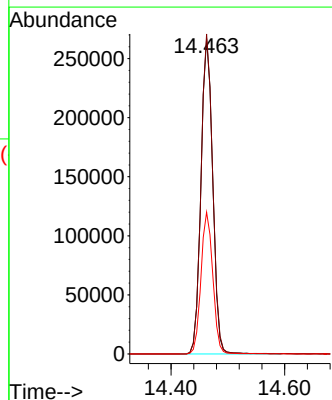
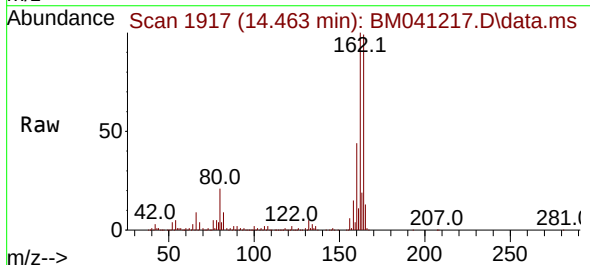
Instrument :
BNA_M
ClientSampleId :
PB154495BL

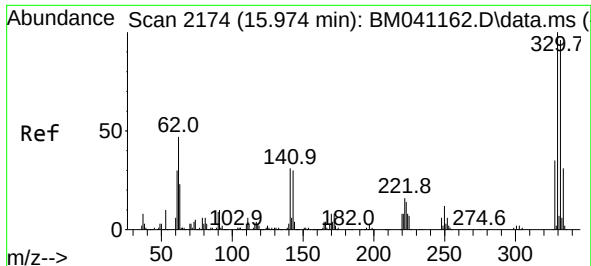
Tgt Ion: 82 Resp: 1185711
Ion Ratio Lower Upper
82 100
128 41.3 31.8 47.6
54 47.5 40.1 60.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.463 min Scan# 1917
Delta R.T. 0.000 min
Lab File: BM041217.D
Acq: 01 Aug 2023 10:10

Tgt Ion: 164 Resp: 384079
Ion Ratio Lower Upper
164 100
162 101.5 80.4 120.6
160 44.9 36.2 54.2

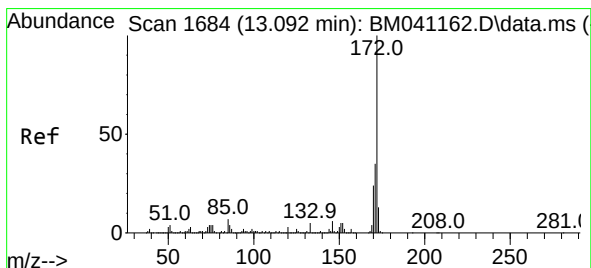
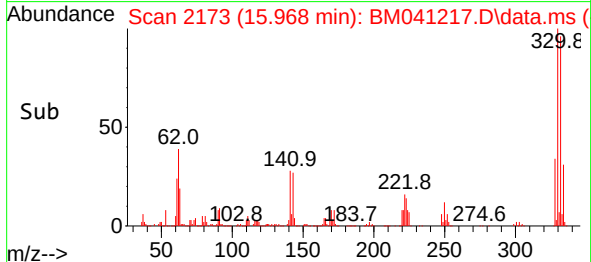
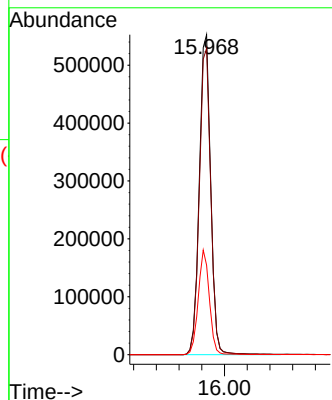
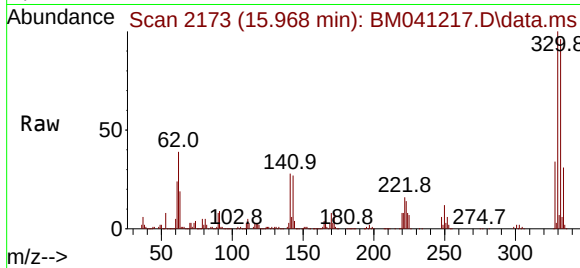




#42
2,4,6-Tribromophenol
Concen: 142.040 ng
RT: 15.968 min Scan# 2173
Delta R.T. 0.006 min
Lab File: BM041217.D
Acq: 01 Aug 2023 10:10

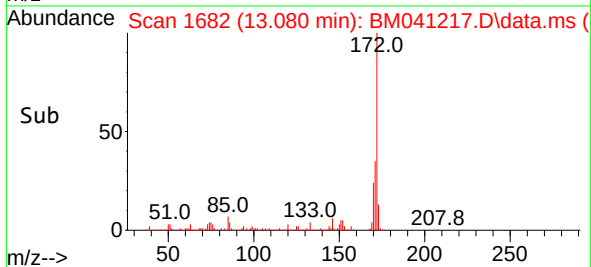
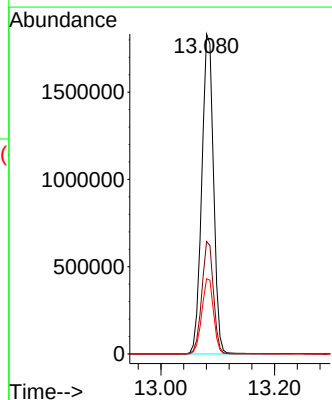
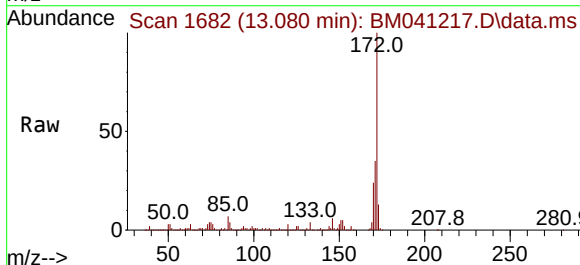
Instrument :
BNA_M
ClientSampleId :
PB154495BL

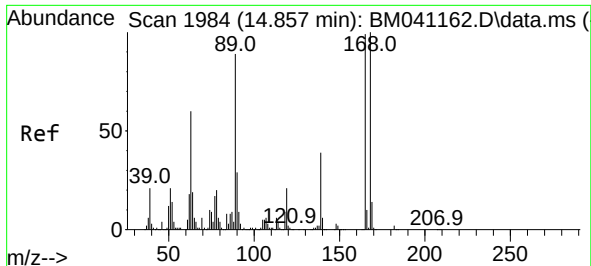
Tgt Ion:330 Resp: 771647
Ion Ratio Lower Upper
330 100
332 96.3 77.7 116.5
141 31.9 28.3 42.5



#45
2-Fluorobiphenyl
Concen: 86.774 ng
RT: 13.080 min Scan# 1682
Delta R.T. -0.006 min
Lab File: BM041217.D
Acq: 01 Aug 2023 10:10

Tgt Ion:172 Resp: 2638286
Ion Ratio Lower Upper
172 100
171 35.1 28.1 42.1
170 23.5 18.9 28.3





#57

2,4-Dinitrotoluene

Concen: 2.676 ng

RT: 14.792 min Scan# 1984

Delta R.T. -0.059 min

Lab File: BM041217.D

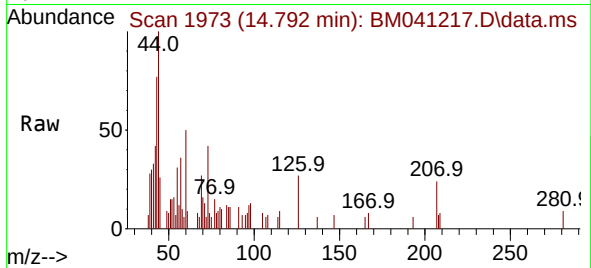
Acq: 01 Aug 2023 10:10

Instrument :

BNA_M

ClientSampleId :

PB154495BL



Tgt Ion:165 Resp: 54

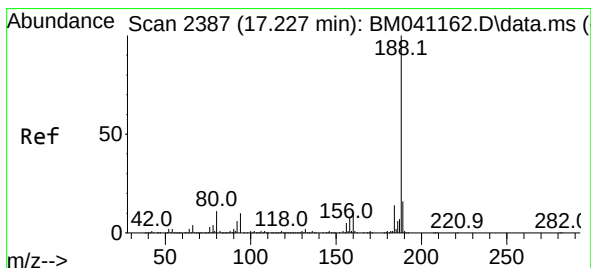
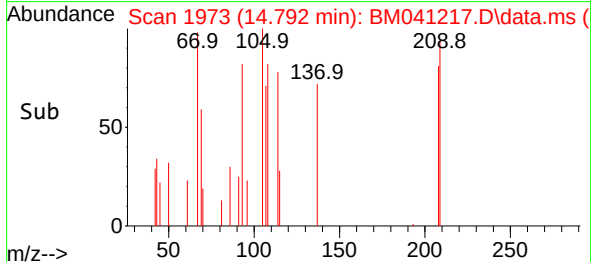
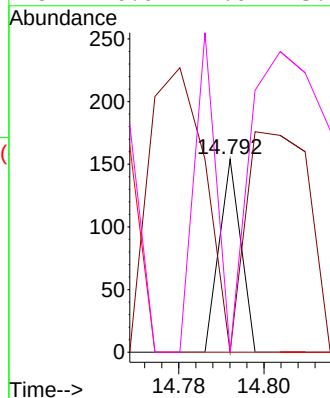
Ion Ratio Lower Upper

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: 17.221 min Scan# 2386

Delta R.T. 0.000 min

Lab File: BM041217.D

Acq: 01 Aug 2023 10:10

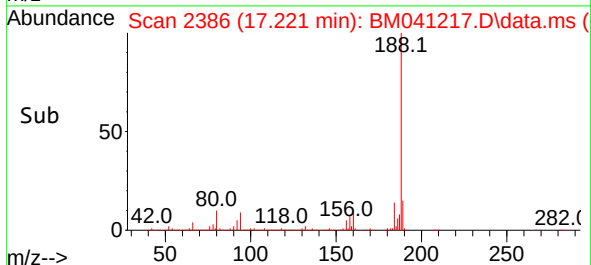
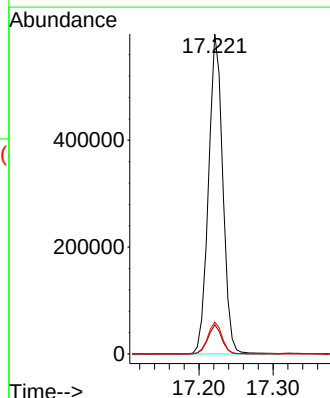
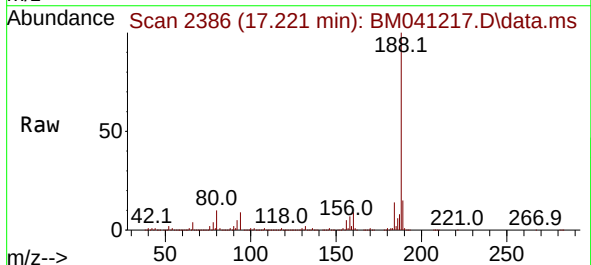
Tgt Ion:188 Resp: 801700

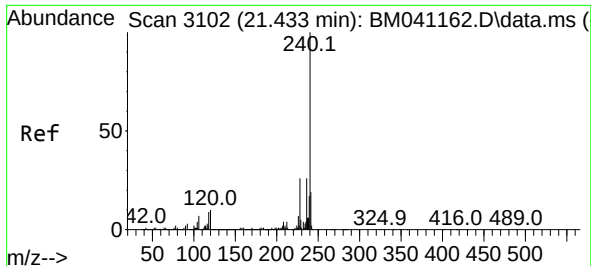
Ion Ratio Lower Upper

188 100

94 9.1 8.2 12.2

80 9.9 8.6 13.0

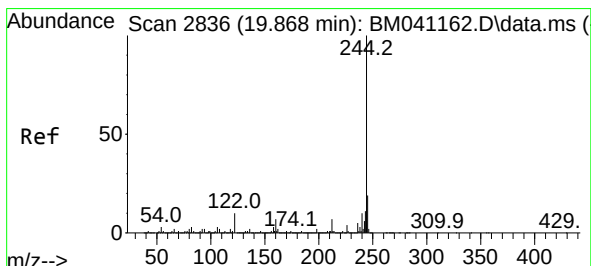
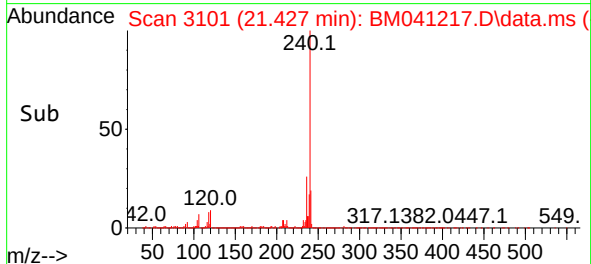
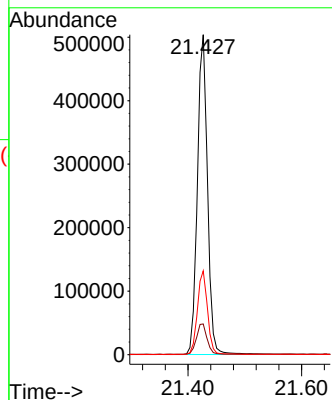
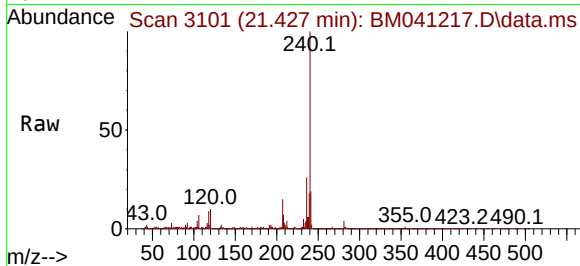




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.427 min Scan# 3101
Delta R.T. 0.000 min
Lab File: BM041217.D
Acq: 01 Aug 2023 10:10

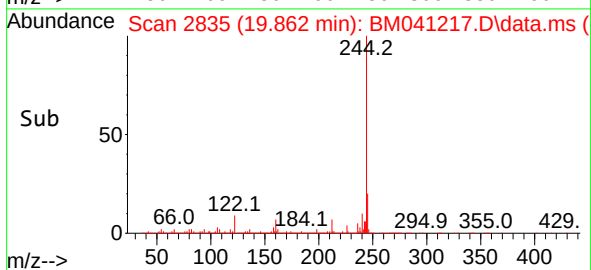
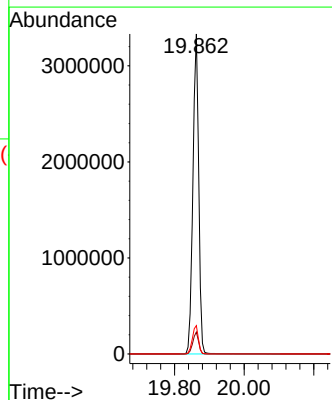
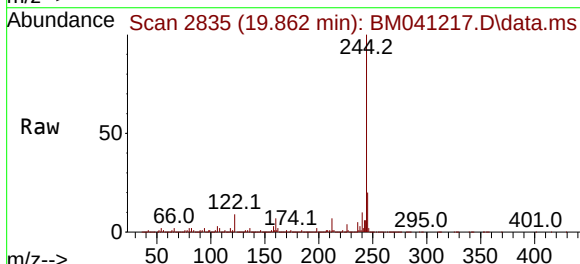
Instrument :
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ClientSampleId :
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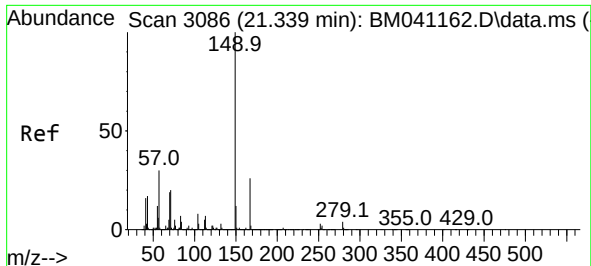
Tgt Ion:240 Resp: 625853
Ion Ratio Lower Upper
240 100
120 9.6 8.3 12.5
236 26.2 20.6 30.8



#79
Terphenyl-d14
Concen: 111.734 ng
RT: 19.862 min Scan# 2835
Delta R.T. 0.000 min
Lab File: BM041217.D
Acq: 01 Aug 2023 10:10

Tgt Ion:244 Resp: 3867638
Ion Ratio Lower Upper
244 100
212 6.9 5.4 8.2
122 8.9 7.8 11.6

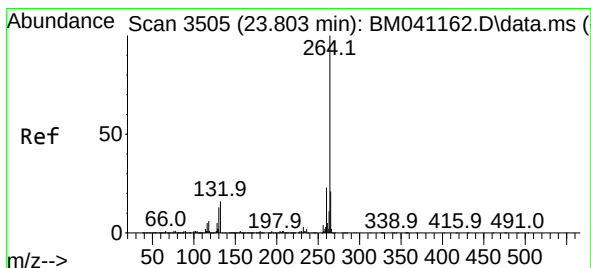
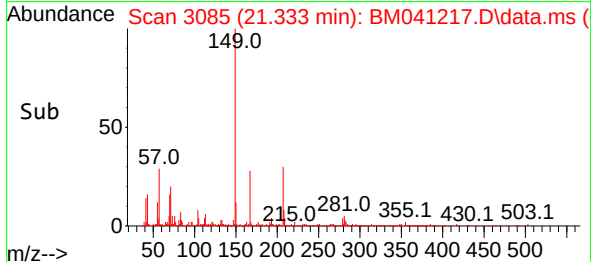
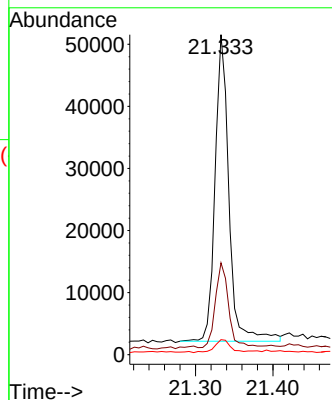
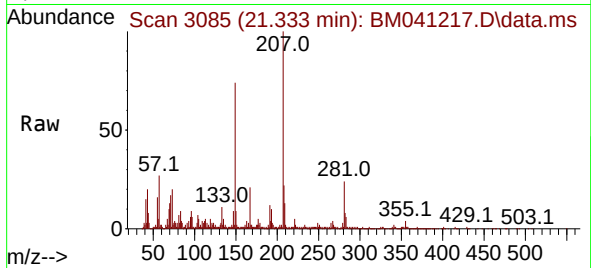




#84
 Bis(2-ethylhexyl)phthalate
 Concen: 4.830 ng
 RT: 21.333 min Scan# 3085
 Delta R.T. -0.006 min
 Lab File: BM041217.D
 Acq: 01 Aug 2023 10:10

Instrument :
 BNA_M
 ClientSampleId :
 PB154495BL

Tgt Ion:149 Resp: 61403
 Ion Ratio Lower Upper
 149 100
 167 28.7 21.0 31.6
 279 4.7 3.1 4.7#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.797 min Scan# 3504
 Delta R.T. 0.000 min
 Lab File: BM041217.D
 Acq: 01 Aug 2023 10:10

Tgt Ion:264 Resp: 692502
 Ion Ratio Lower Upper
 264 100
 260 23.6 18.5 27.7
 265 22.0 17.4 26.0

