

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080223\
 Data File : BM041245.D
 Acq On : 02 Aug 2023 15:16
 Operator : MA/JU
 Sample : 03810-04
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 B-P16B

Quant Time: Aug 03 03:08:01 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)

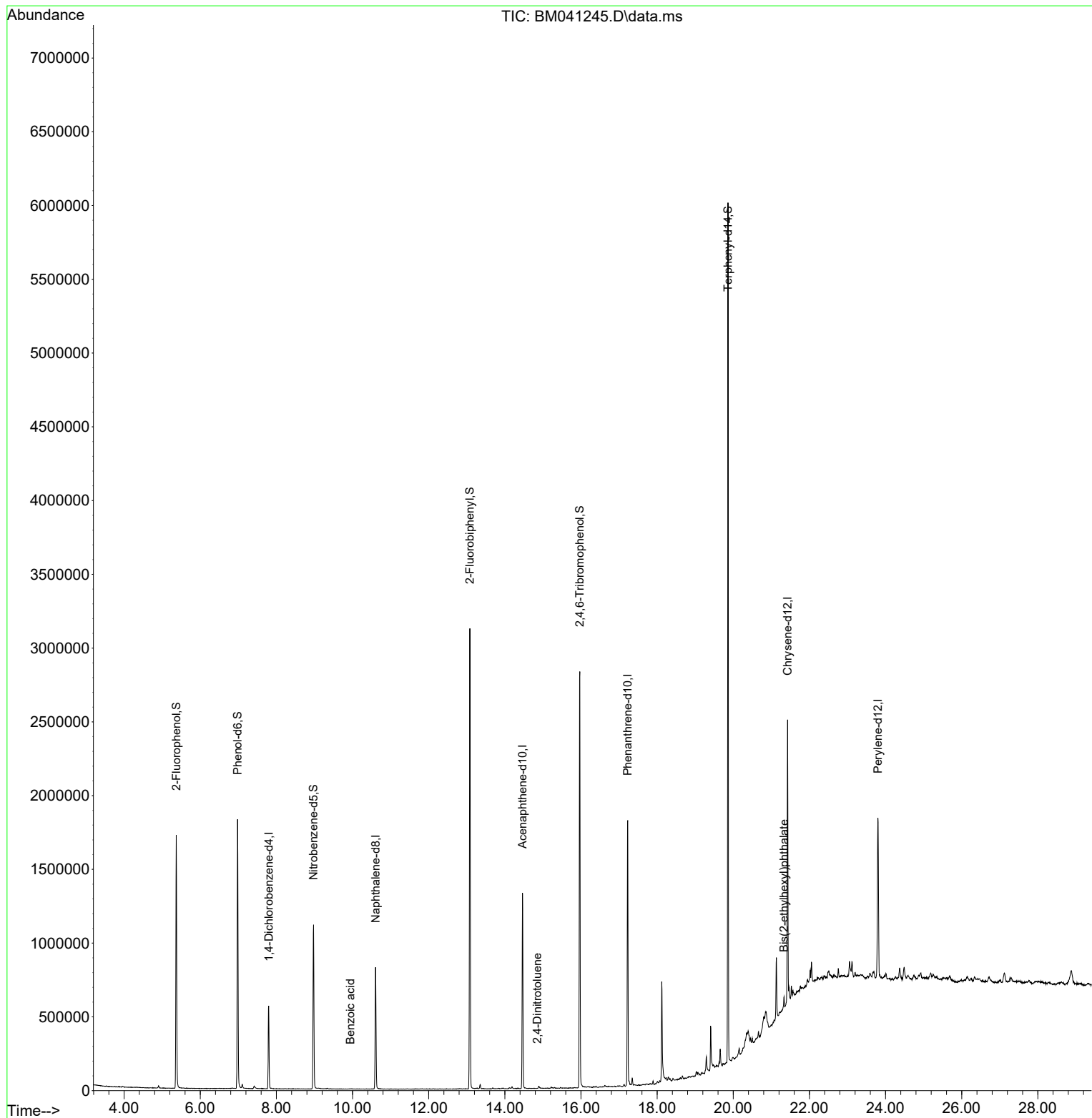
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.798	152	149189	20.000	ng	0.00
21) Naphthalene-d8	10.604	136	649967	20.000	ng	0.00
39) Acenaphthene-d10	14.463	164	437803	20.000	ng	0.00
64) Phenanthrene-d10	17.227	188	1063434	20.000	ng	# 0.00
76) Chrysene-d12	21.427	240	832559	20.000	ng	0.00
86) Perylene-d12	23.797	264	823747	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.369	112	720370	72.167	ng	0.00
7) Phenol-d6	6.981	99	1002327	77.465	ng	0.00
23) Nitrobenzene-d5	8.975	82	645765	46.204	ng	0.00
42) 2,4,6-Tribromophenol	15.968	330	535248	86.435	ng	0.00
45) 2-Fluorobiphenyl	13.080	172	1550842	44.748	ng	0.00
79) Terphenyl-d14	19.862	244	2715540	58.973	ng	0.00
Target Compounds						
32) Benzoic acid	9.945	122	54	7.162	ng	# 1
57) 2,4-Dinitrotoluene	14.851	165	69	2.677	ng	# 12
84) Bis(2-ethylhexyl)phtha...	21.333	149	24700	3.232	ng	# 98

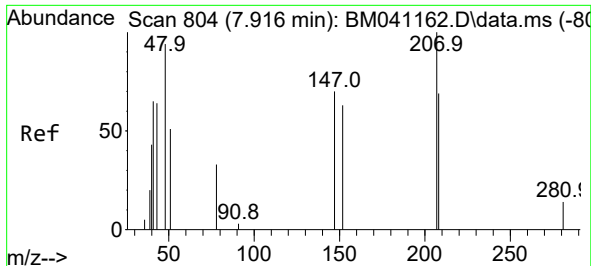
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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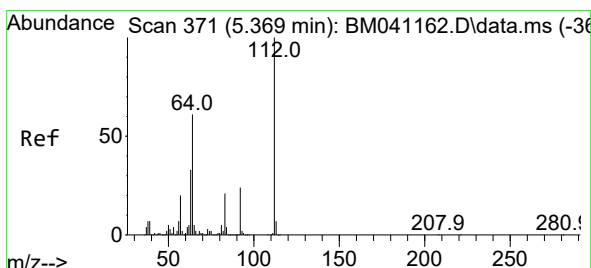
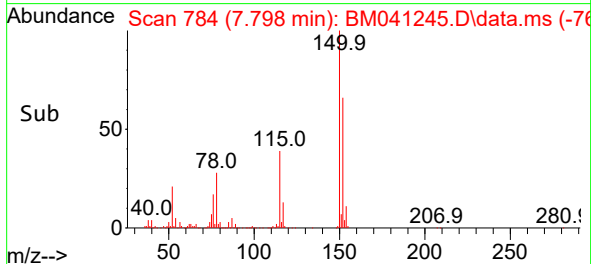
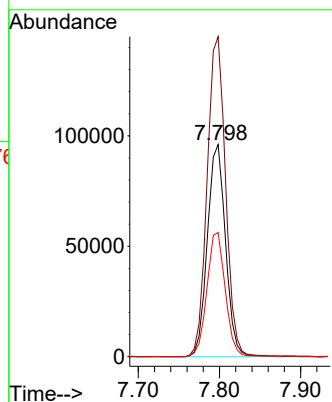
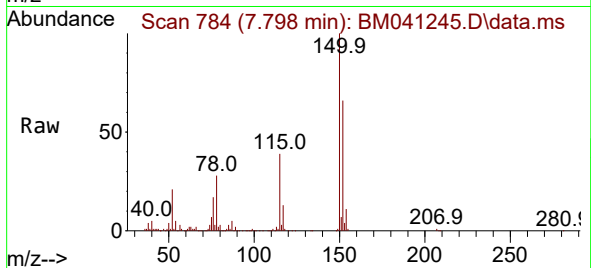




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.798 min Scan# 71
Delta R.T. 0.005 min
Lab File: BM041245.D
Acq: 02 Aug 2023 15:16

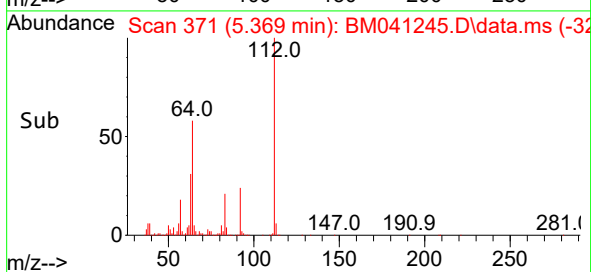
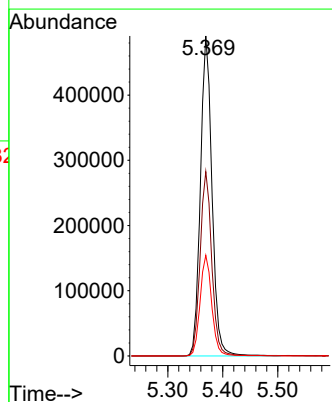
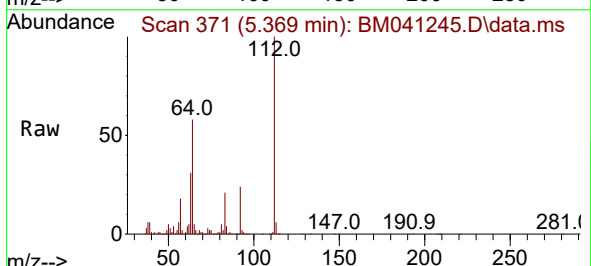
Instrument :
BNA_M
ClientSampleId :
B-P16B

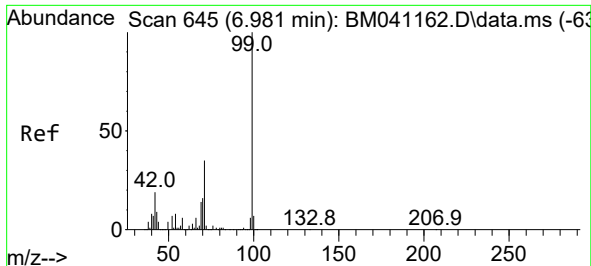
Tgt Ion:152 Resp: 149189
Ion Ratio Lower Upper
152 100
150 150.8 125.5 188.3
115 58.6 48.0 72.0



#5
2-Fluorophenol
Concen: 72.167 ng
RT: 5.369 min Scan# 371
Delta R.T. -0.000 min
Lab File: BM041245.D
Acq: 02 Aug 2023 15:16

Tgt Ion:112 Resp: 720370
Ion Ratio Lower Upper
112 100
64 57.6 48.5 72.7
63 31.5 26.5 39.7



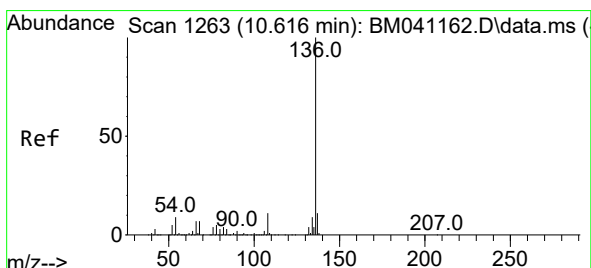
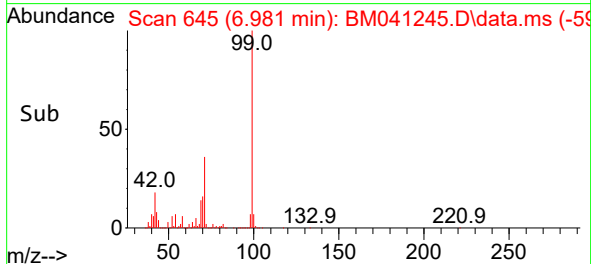
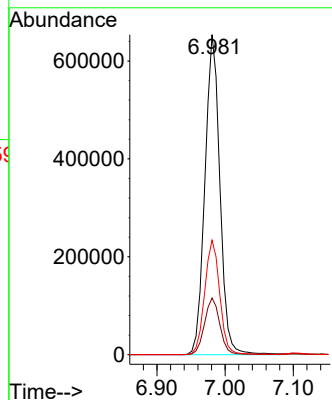
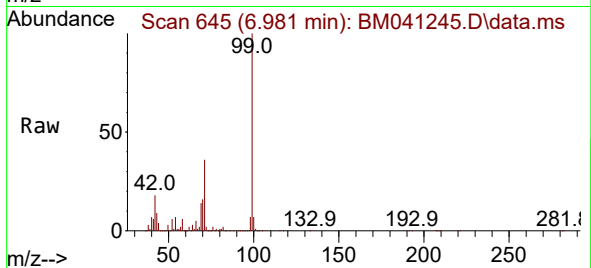


#7
Phenol-d6
Concen: 77.465 ng
RT: 6.981 min Scan# 645
Delta R.T. -0.000 min
Lab File: BM041245.D
Acq: 02 Aug 2023 15:16

Instrument :
BNA_M
ClientSampleId :
B-P16B

Tgt Ion: 99 Resp: 1002327

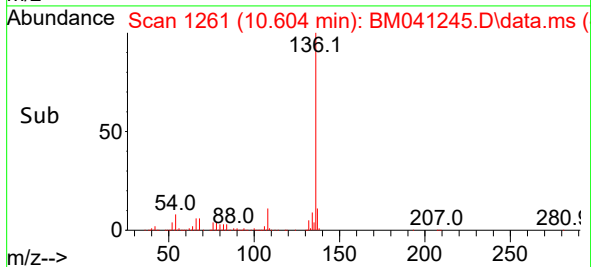
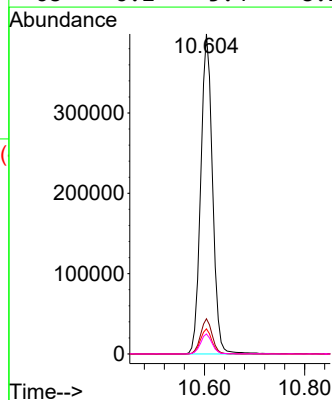
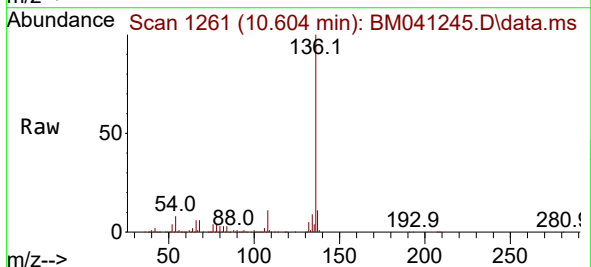
Ion	Ratio	Lower	Upper
99	100		
42	17.7	15.4	23.0
71	35.7	28.2	42.4

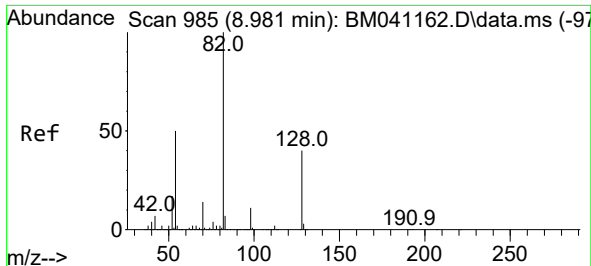


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.604 min Scan# 1261
Delta R.T. -0.000 min
Lab File: BM041245.D
Acq: 02 Aug 2023 15:16

Tgt Ion: 136 Resp: 649967

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	7.8	6.9	10.3
68	6.2	5.4	8.2

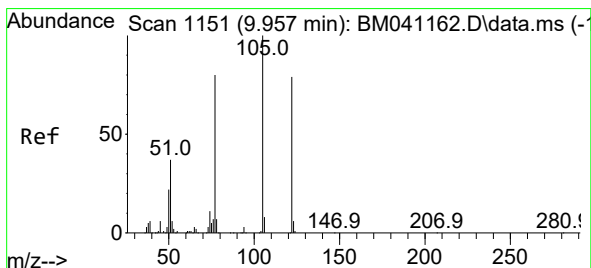
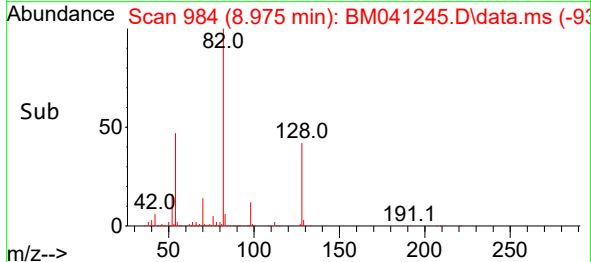
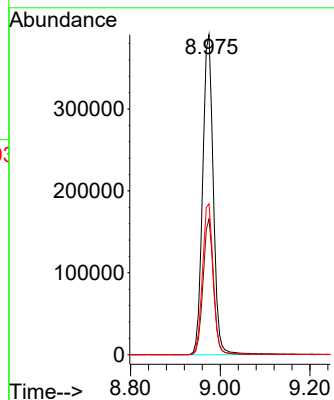
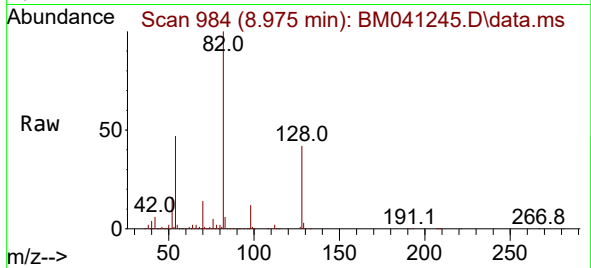




#23
Nitrobenzene-d5
Concen: 46.204 ng
RT: 8.975 min Scan# 91
Delta R.T. -0.000 min
Lab File: BM041245.D
Acq: 02 Aug 2023 15:16

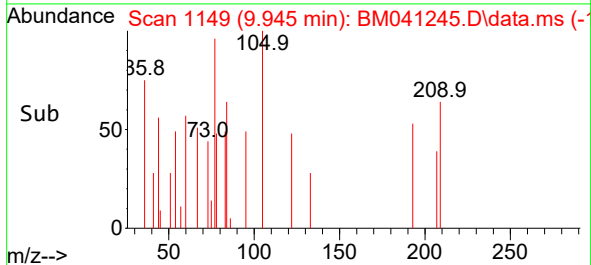
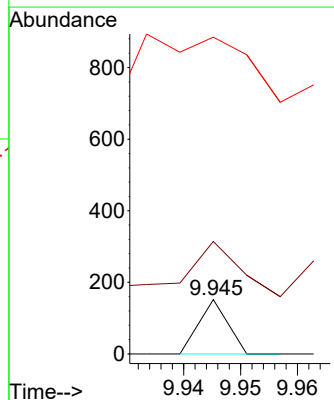
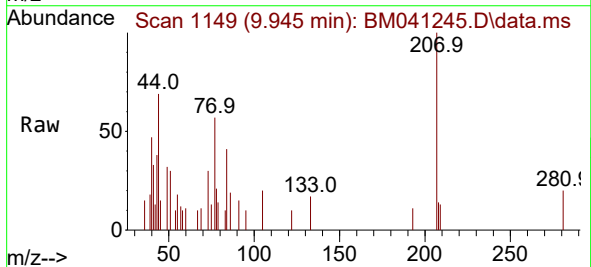
Instrument :
BNA_M
ClientSampleId :
B-P16B

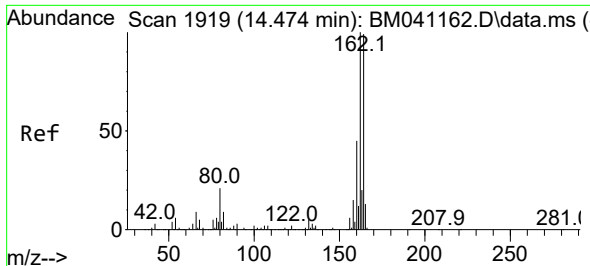
Tgt Ion: 82 Resp: 645765
Ion Ratio Lower Upper
82 100
128 42.4 31.8 47.6
54 47.2 40.1 60.1



#32
Benzoic acid
Concen: 7.162 ng
RT: 9.945 min Scan# 1149
Delta R.T. -0.012 min
Lab File: BM041245.D
Acq: 02 Aug 2023 15:16

Tgt Ion: 122 Resp: 54
Ion Ratio Lower Upper
122 100
105 206.6 104.0 144.0#
77 582.2 79.9 119.9#

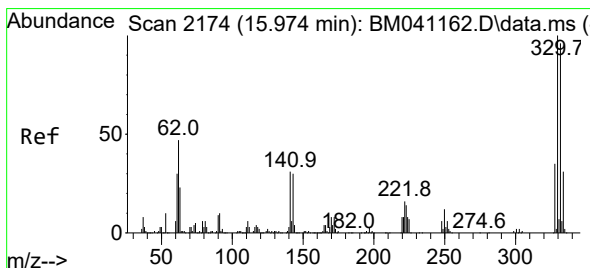
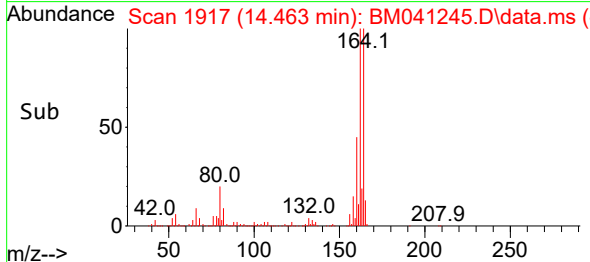
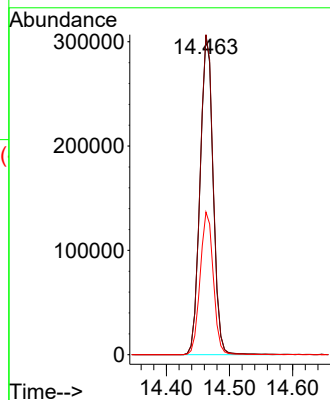
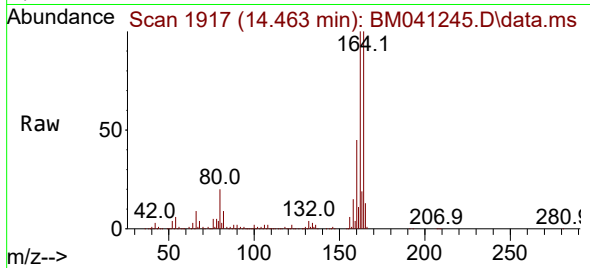




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.463 min Scan# 1917
Delta R.T. -0.000 min
Lab File: BM041245.D
Acq: 02 Aug 2023 15:16

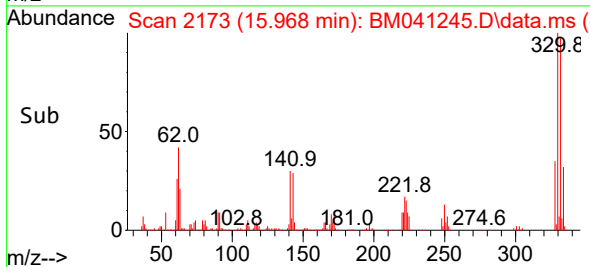
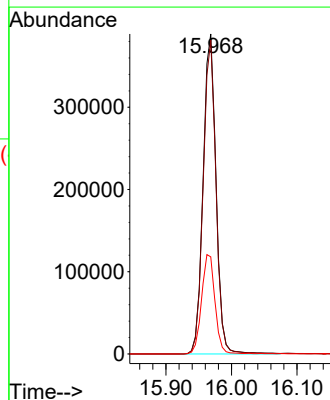
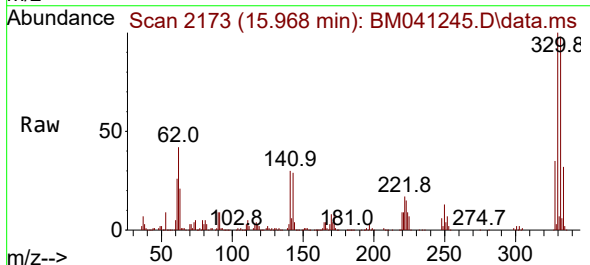
Instrument :
BNA_M
ClientSampleId :
B-P16B

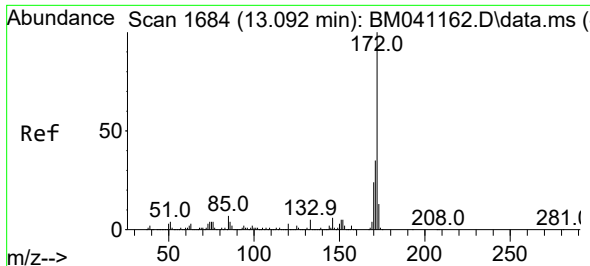
Tgt Ion:164 Resp: 437803
Ion Ratio Lower Upper
164 100
162 100.2 80.4 120.6
160 44.7 36.2 54.2



#42
2,4,6-Tribromophenol
Concen: 86.435 ng
RT: 15.968 min Scan# 2173
Delta R.T. -0.000 min
Lab File: BM041245.D
Acq: 02 Aug 2023 15:16

Tgt Ion:330 Resp: 535248
Ion Ratio Lower Upper
330 100
332 97.1 77.7 116.5
141 32.4 28.3 42.5

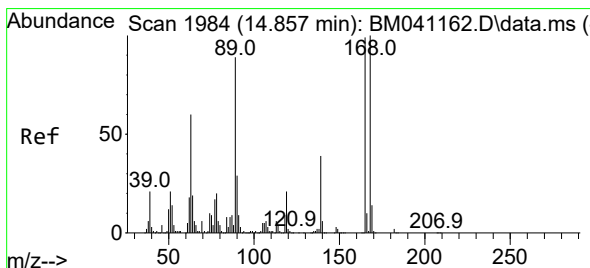
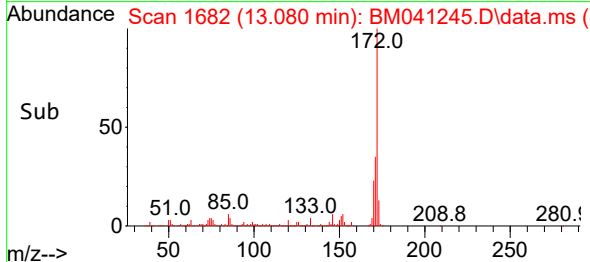
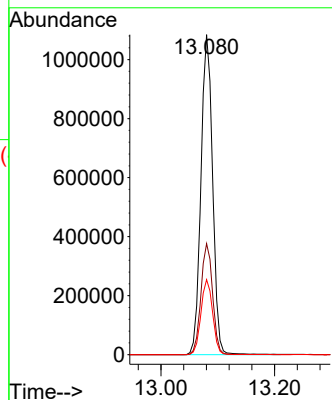
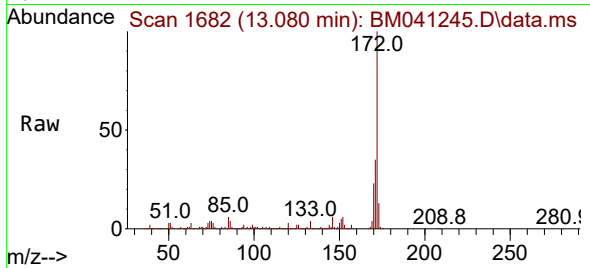




#45
2-Fluorobiphenyl
Concen: 44.748 ng
RT: 13.080 min Scan# 1
Delta R.T. -0.000 min
Lab File: BM041245.D
Acq: 02 Aug 2023 15:16

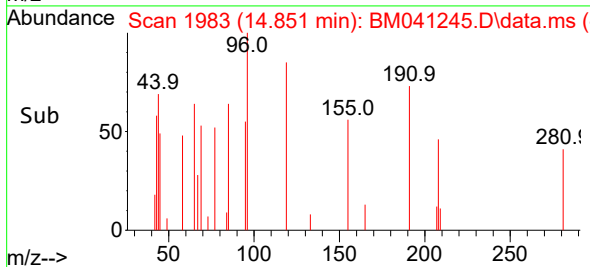
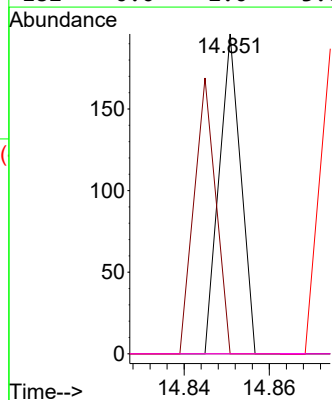
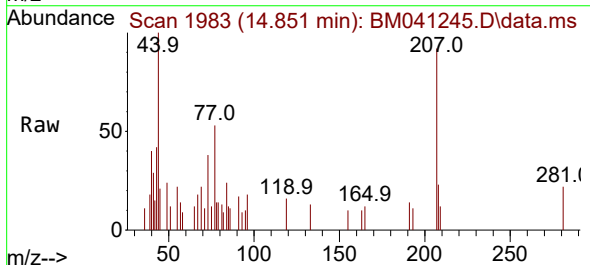
Instrument :
BNA_M
ClientSampleId :
B-P16B

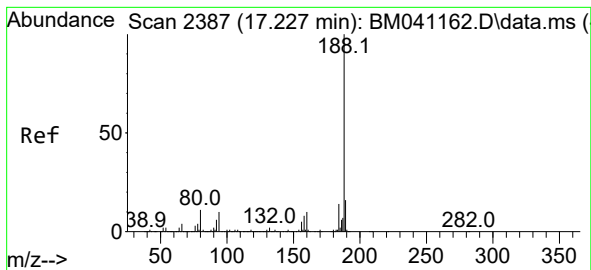
Tgt Ion:172 Resp: 1550842
Ion Ratio Lower Upper
172 100
171 34.7 28.1 42.1
170 23.5 18.9 28.3



#57
2,4-Dinitrotoluene
Concen: 2.677 ng
RT: 14.851 min Scan# 1983
Delta R.T. -0.006 min
Lab File: BM041245.D
Acq: 02 Aug 2023 15:16

Tgt Ion:165 Resp: 69
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: 17.227 min Scan# 21

Delta R.T. 0.006 min

Lab File: BM041245.D

Acq: 02 Aug 2023 15:16

Instrument :

BNA_M

ClientSampleId :

B-P16B

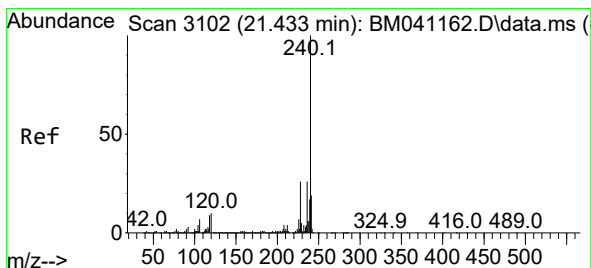
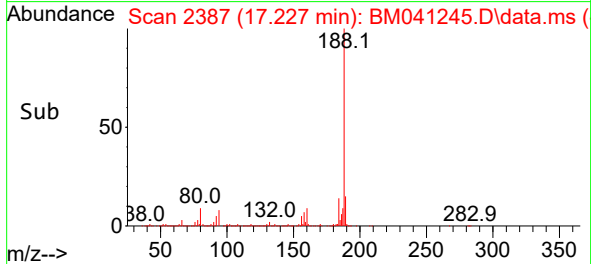
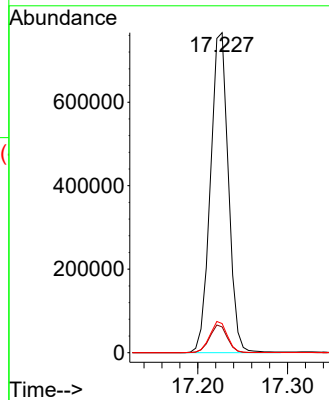
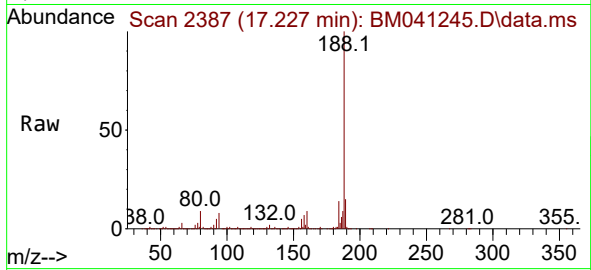
Tgt Ion:188 Resp: 1063434

Ion Ratio Lower Upper

188 100

94 8.0 8.2 12.2#

80 9.1 8.6 13.0



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.427 min Scan# 3101

Delta R.T. -0.006 min

Lab File: BM041245.D

Acq: 02 Aug 2023 15:16

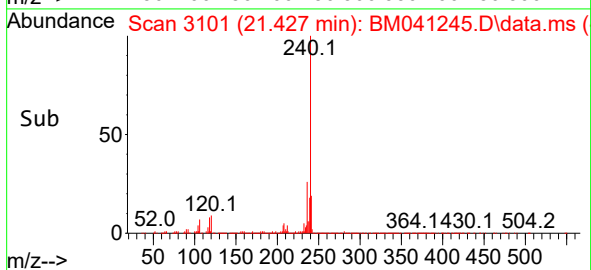
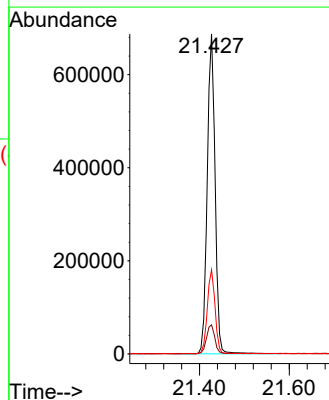
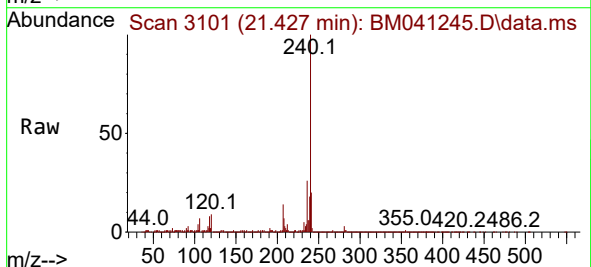
Tgt Ion:240 Resp: 832559

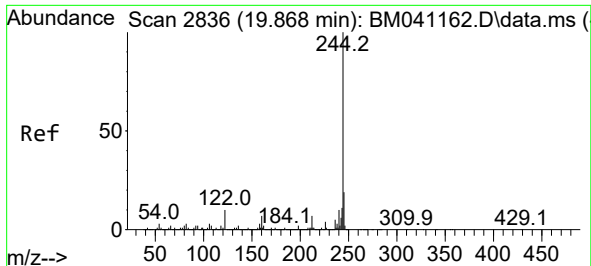
Ion Ratio Lower Upper

240 100

120 9.1 8.3 12.5

236 26.3 20.6 30.8

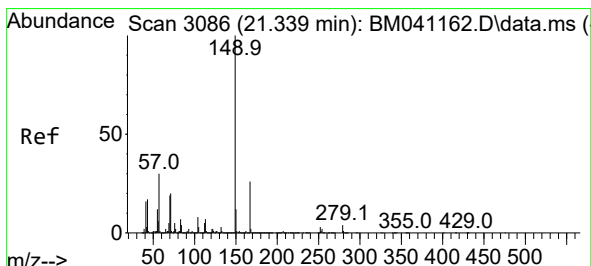
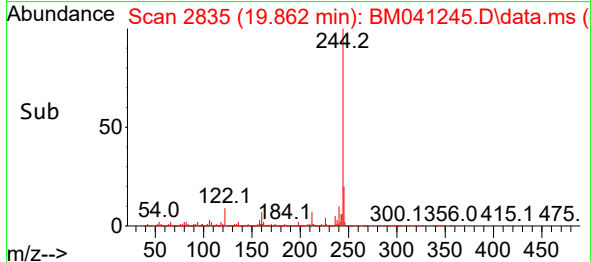
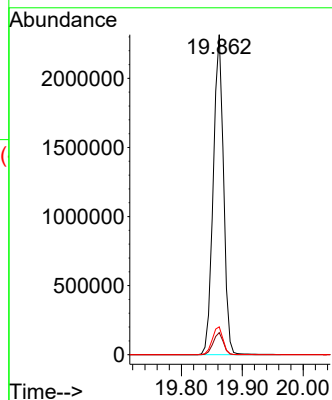
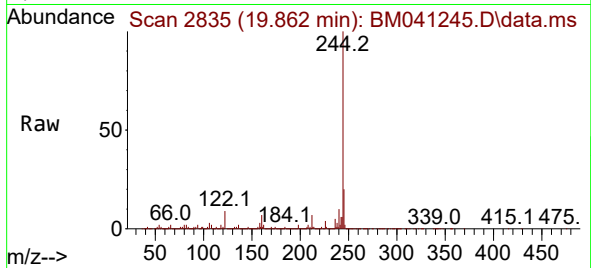




#79
 Terphenyl-d14
 Concen: 58.973 ng
 RT: 19.862 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BM041245.D
 Acq: 02 Aug 2023 15:16

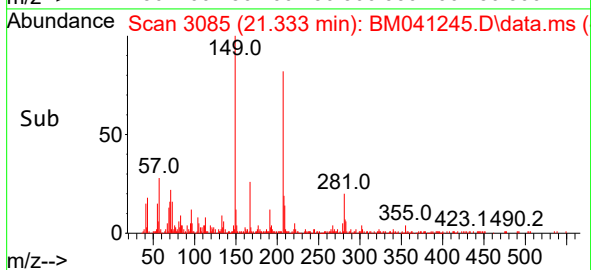
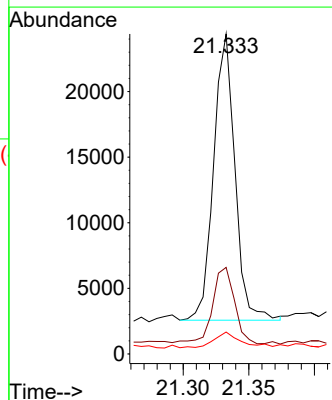
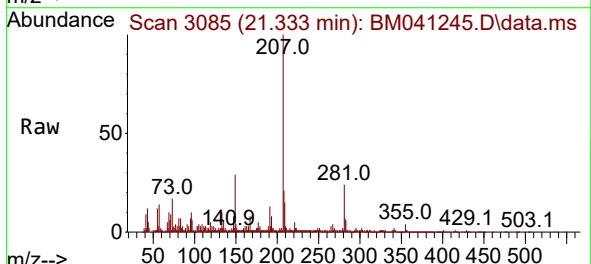
Instrument :
 BNA_M
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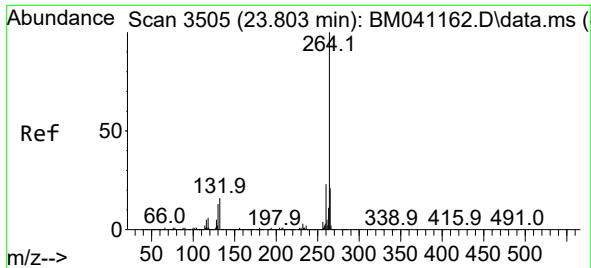
Tgt Ion:244 Resp: 2715540
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.4 8.2
 122 8.7 7.8 11.6



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 3.232 ng
 RT: 21.333 min Scan# 3085
 Delta R.T. -0.000 min
 Lab File: BM041245.D
 Acq: 02 Aug 2023 15:16

Tgt Ion:149 Resp: 24700
 Ion Ratio Lower Upper
 149 100
 167 27.1 21.0 31.6
 279 6.8 3.1 4.7#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.797 min Scan# 31
 Delta R.T. -0.006 min
 Lab File: BM041245.D
 Acq: 02 Aug 2023 15:16

Instrument :
 BNA_M
 ClientSampleId :
 B-P16B

Tgt Ion:264 Resp: 823747
 Ion Ratio Lower Upper
 264 100
 260 23.5 18.5 27.7
 265 22.8 17.4 26.0

