

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080123\
 Data File : BM041221.D
 Acq On : 01 Aug 2023 12:49
 Operator : MA/JU
 Sample : 03769-05
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 B-P15A

Quant Time: Aug 01 13:25:46 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)

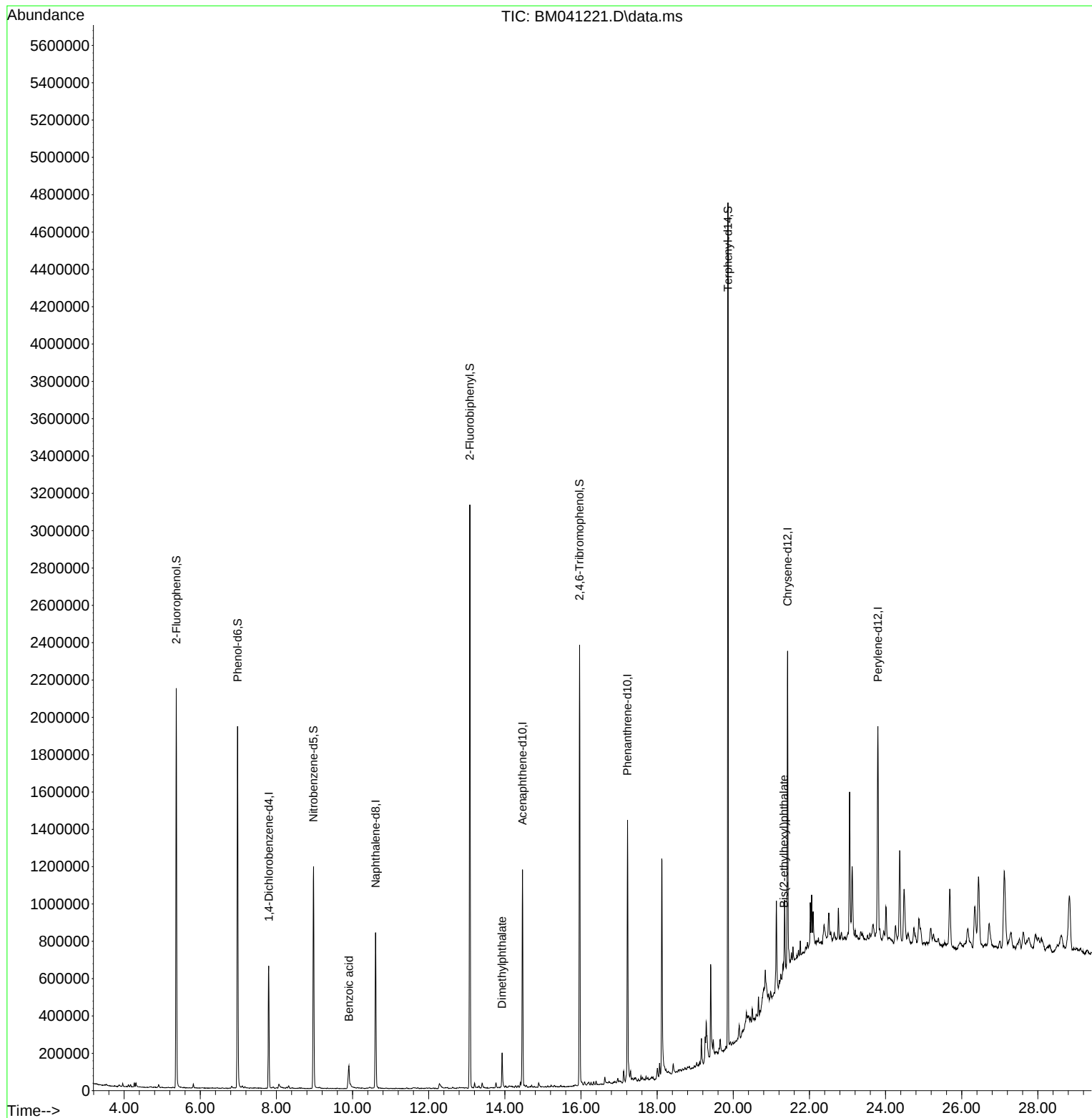
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.799	152	174063	20.000	ng	0.00
21) Naphthalene-d8	10.604	136	654726	20.000	ng	-0.01
39) Acenaphthene-d10	14.463	164	377053	20.000	ng	-0.01
64) Phenanthrene-d10	17.221	188	803853	20.000	ng	0.00
76) Chrysene-d12	21.427	240	747670	20.000	ng	0.00
86) Perylene-d12	23.798	264	848711	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.369	112	855445	73.452	ng	0.00
7) Phenol-d6	6.981	99	1063163	70.425	ng	0.00
23) Nitrobenzene-d5	8.975	82	680132	48.309	ng	0.00
42) 2,4,6-Tribromophenol	15.963	330	432561	81.107	ng	-0.01
45) 2-Fluorobiphenyl	13.081	172	1490688	49.943	ng	-0.01
79) Terphenyl-d14	19.862	244	2228411	53.889	ng	0.00
Target Compounds						
32) Benzoic acid	9.904	122	58486	13.921	ng	Qvalue 97
50) Dimethylphthalate	13.928	163	108363	3.821	ng	98
84) Bis(2-ethylhexyl)phtha...	21.333	149	26622	3.371	ng	# 95

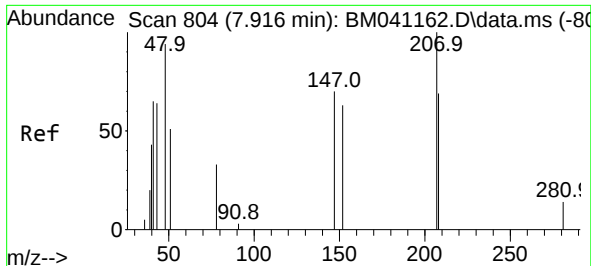
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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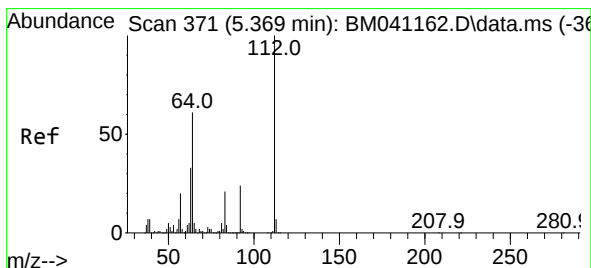
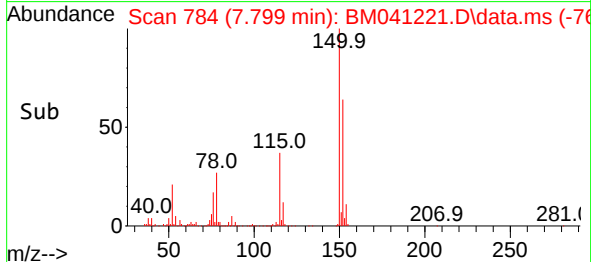
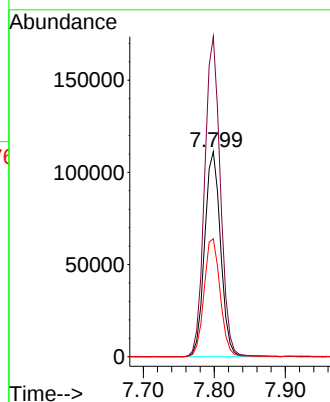
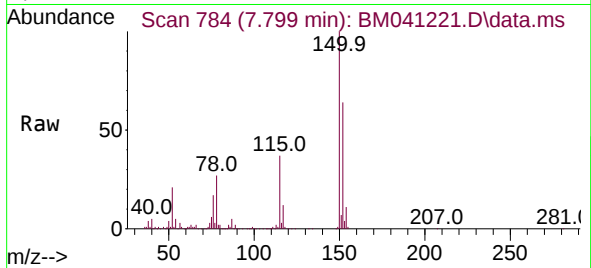




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.799 min Scan# 71
Delta R.T. -0.005 min
Lab File: BM041221.D
Acq: 01 Aug 2023 12:49

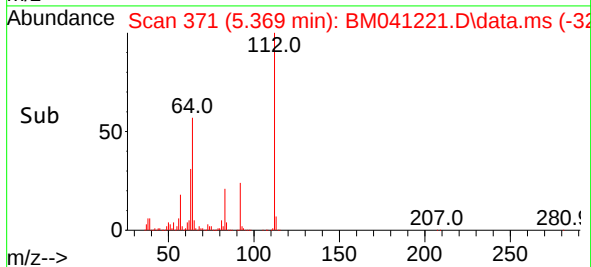
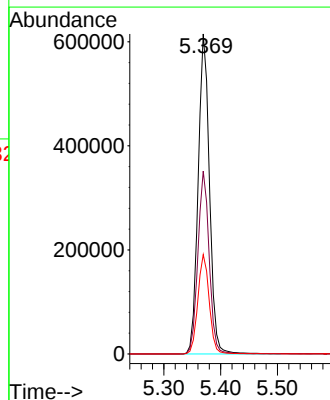
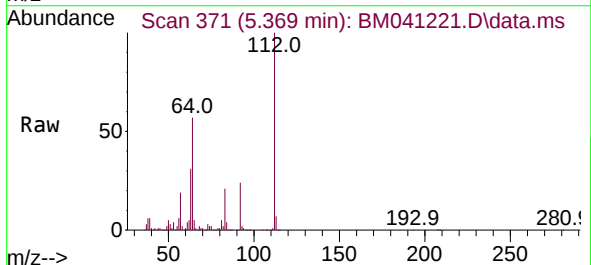
Instrument :
BNA_M
ClientSampleId :
B-P15A

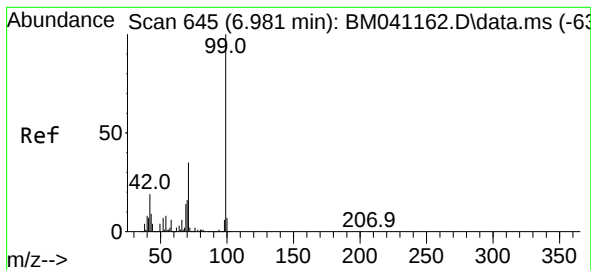
Tgt Ion:152 Resp: 174063
Ion Ratio Lower Upper
152 100
150 156.0 125.5 188.3
115 57.5 48.0 72.0



#5
2-Fluorophenol
Concen: 73.452 ng
RT: 5.369 min Scan# 371
Delta R.T. 0.000 min
Lab File: BM041221.D
Acq: 01 Aug 2023 12:49

Tgt Ion:112 Resp: 855445
Ion Ratio Lower Upper
112 100
64 57.1 48.5 72.7
63 31.1 26.5 39.7





#7

Phenol-d6

Concen: 70.425 ng

RT: 6.981 min Scan# 645

Delta R.T. 0.000 min

Lab File: BM041221.D

Acq: 01 Aug 2023 12:49

Instrument :

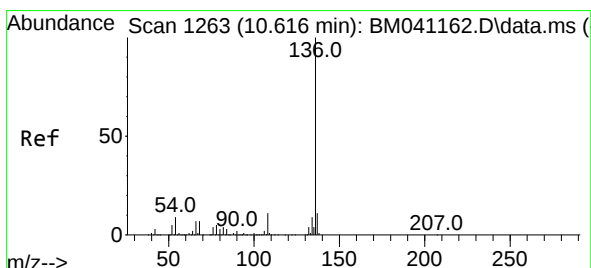
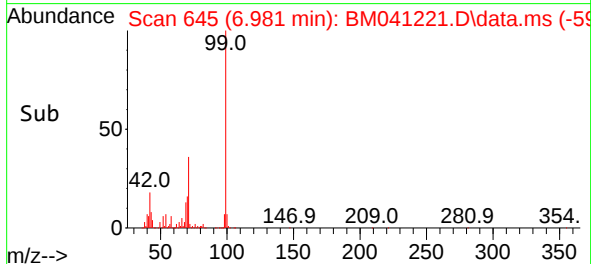
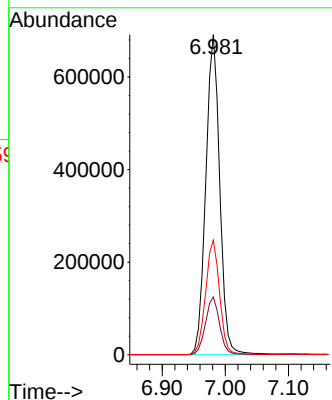
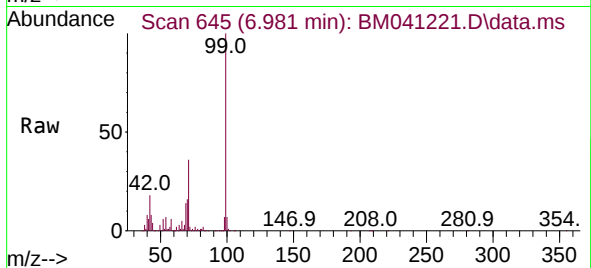
BNA_M

ClientSampleId :

B-P15A

Tgt Ion: 99 Resp: 1063163

Ion	Ratio	Lower	Upper
99	100		
42	18.1	15.4	23.0
71	35.8	28.2	42.4



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.604 min Scan# 1261

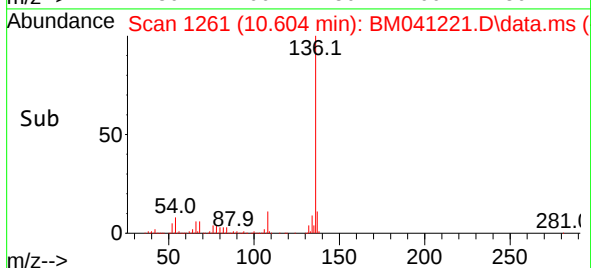
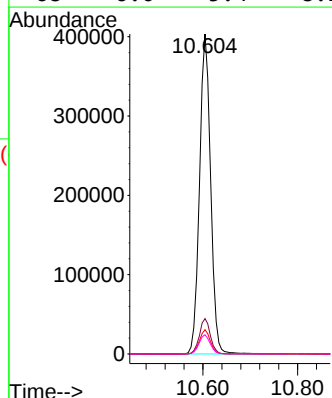
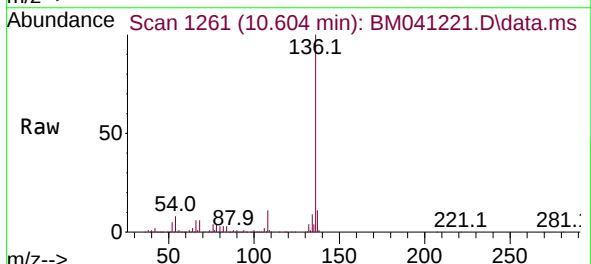
Delta R.T. -0.012 min

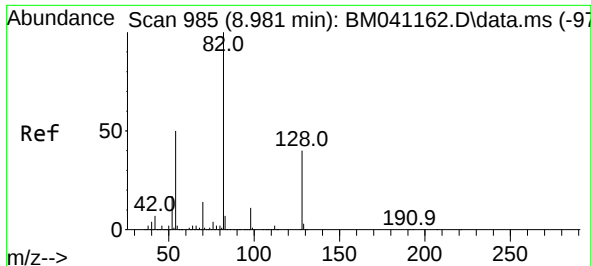
Lab File: BM041221.D

Acq: 01 Aug 2023 12:49

Tgt Ion: 136 Resp: 654726

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	7.6	6.9	10.3
68	6.0	5.4	8.2





#23

Nitrobenzene-d5

Concen: 48.309 ng

RT: 8.975 min Scan# 91

Delta R.T. -0.006 min

Lab File: BM041221.D

Acq: 01 Aug 2023 12:49

Instrument :

BNA_M

ClientSampleId :

B-P15A

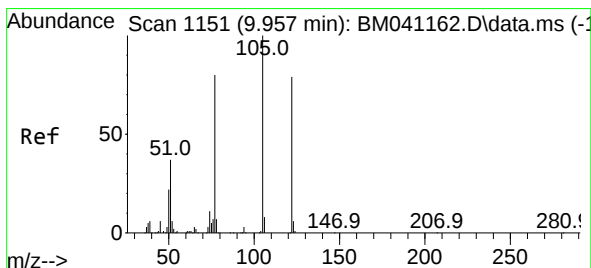
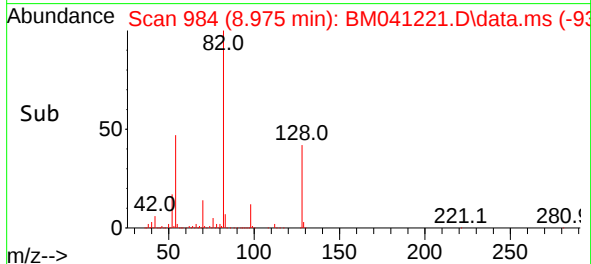
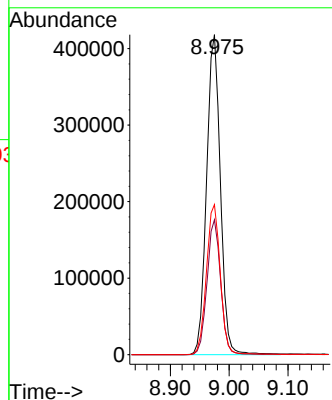
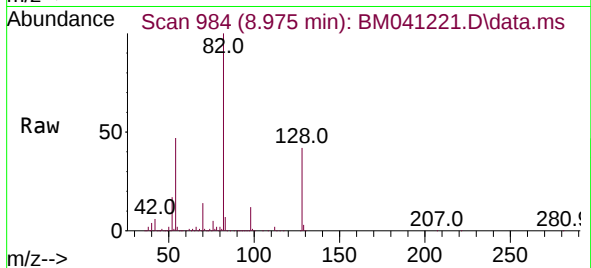
Tgt Ion: 82 Resp: 680132

Ion Ratio Lower Upper

82 100

128 42.1 31.8 47.6

54 46.9 40.1 60.1



#32

Benzoic acid

Concen: 13.921 ng

RT: 9.904 min Scan# 1142

Delta R.T. -0.053 min

Lab File: BM041221.D

Acq: 01 Aug 2023 12:49

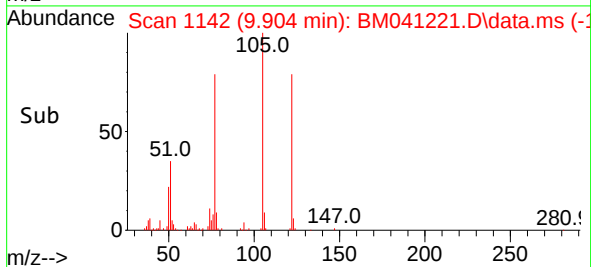
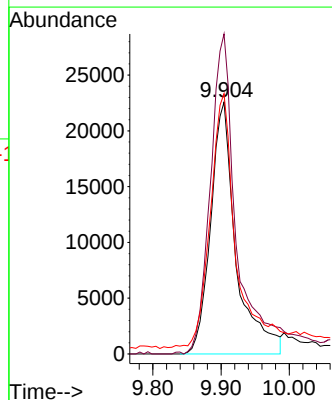
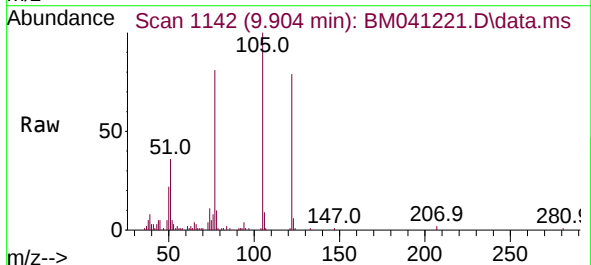
Tgt Ion: 122 Resp: 58486

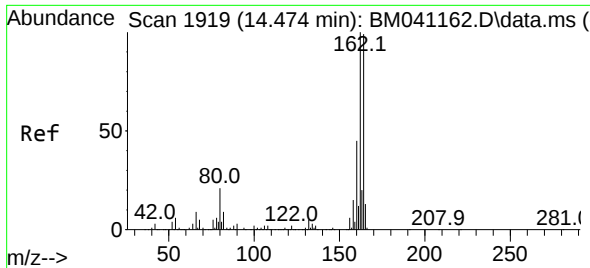
Ion Ratio Lower Upper

122 100

105 127.0 104.0 144.0

77 103.3 79.9 119.9

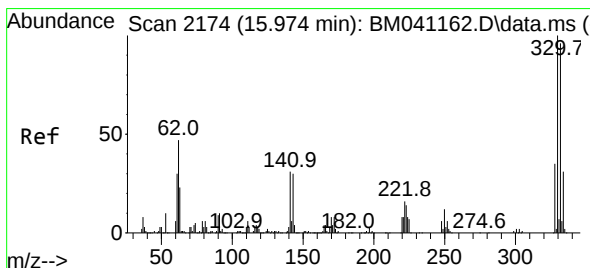
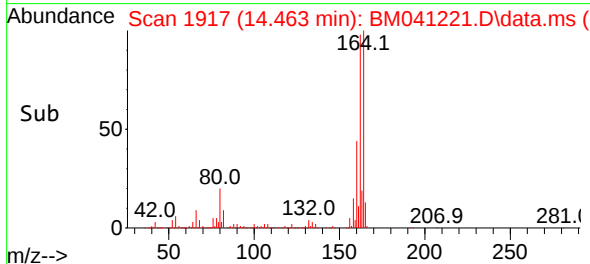
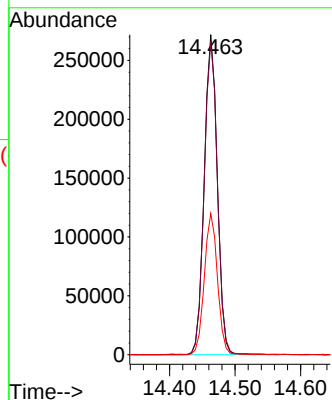
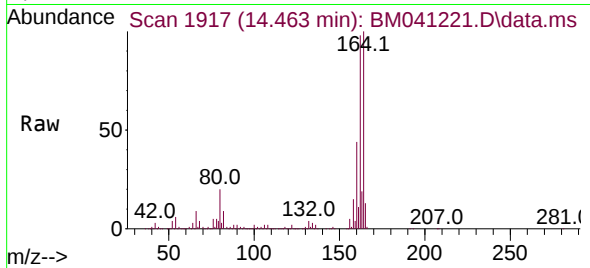




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.463 min Scan# 1917
Delta R.T. -0.011 min
Lab File: BM041221.D
Acq: 01 Aug 2023 12:49

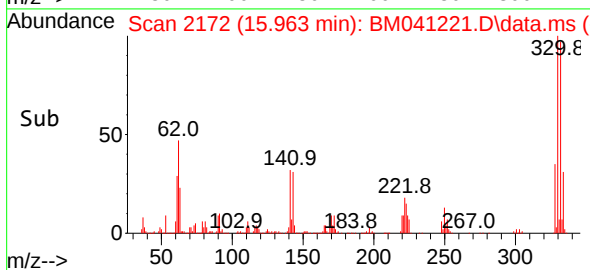
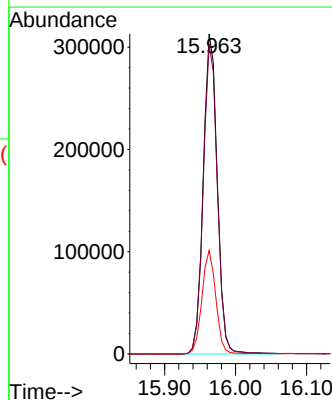
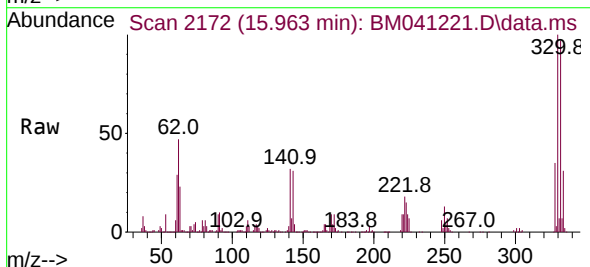
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ClientSampleId :
B-P15A

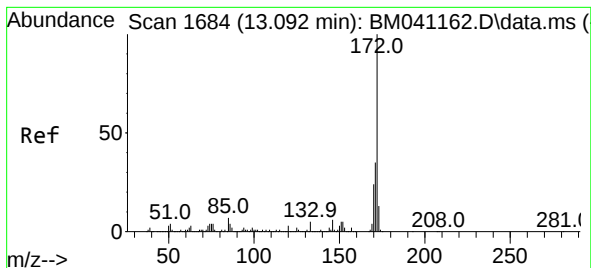
Tgt Ion:164 Resp: 377053
Ion Ratio Lower Upper
164 100
162 98.0 80.4 120.6
160 44.1 36.2 54.2



#42
2,4,6-Tribromophenol
Concen: 81.107 ng
RT: 15.963 min Scan# 2172
Delta R.T. -0.012 min
Lab File: BM041221.D
Acq: 01 Aug 2023 12:49

Tgt Ion:330 Resp: 432561
Ion Ratio Lower Upper
330 100
332 96.8 77.7 116.5
141 32.1 28.3 42.5

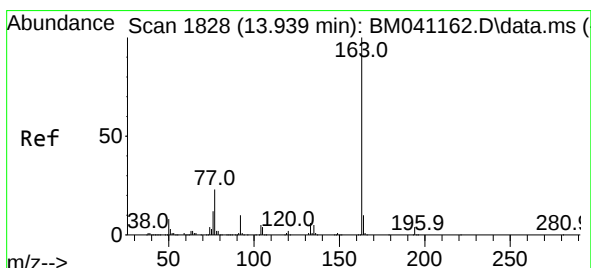
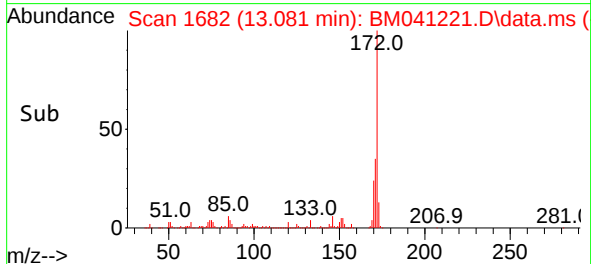
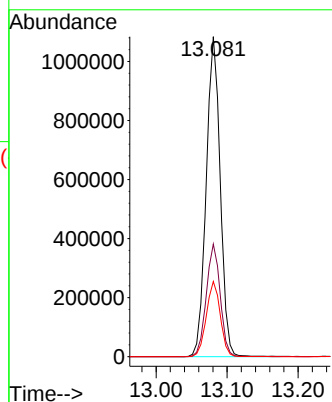
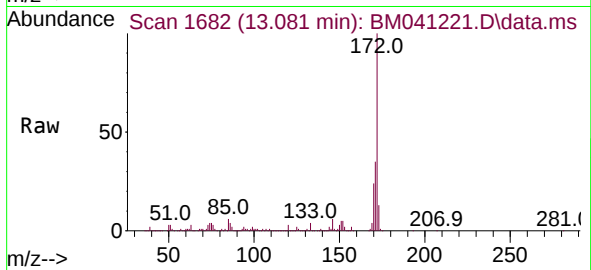




#45
2-Fluorobiphenyl
Concen: 49.943 ng
RT: 13.081 min Scan# 1
Delta R.T. -0.012 min
Lab File: BM041221.D
Acq: 01 Aug 2023 12:49

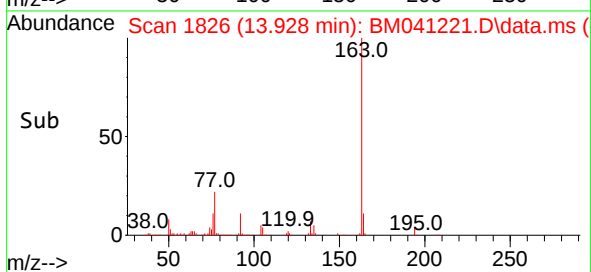
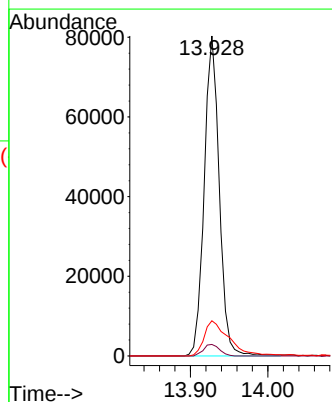
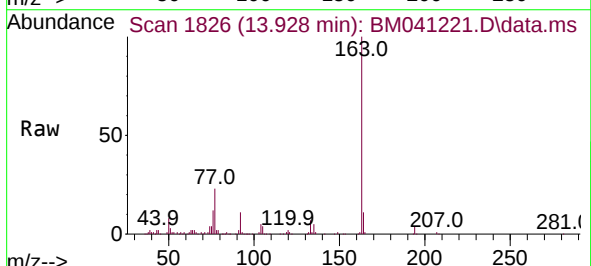
Instrument :
BNA_M
ClientSampleId :
B-P15A

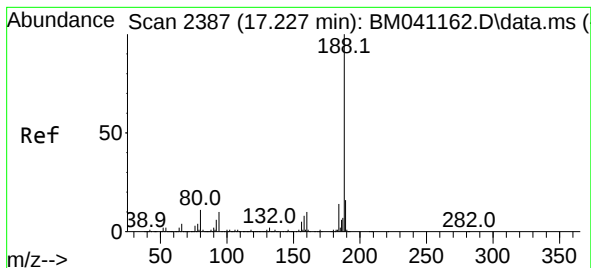
Tgt Ion:172 Resp: 1490688
Ion Ratio Lower Upper
172 100
171 35.2 28.1 42.1
170 23.5 18.9 28.3



#50
Dimethylphthalate
Concen: 3.821 ng
RT: 13.928 min Scan# 1826
Delta R.T. -0.011 min
Lab File: BM041221.D
Acq: 01 Aug 2023 12:49

Tgt Ion:163 Resp: 108363
Ion Ratio Lower Upper
163 100
194 3.6 3.3 4.9
164 11.0 8.3 12.5





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.221 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM041221.D

Acq: 01 Aug 2023 12:49

Instrument :

BNA_M

ClientSampleId :

B-P15A

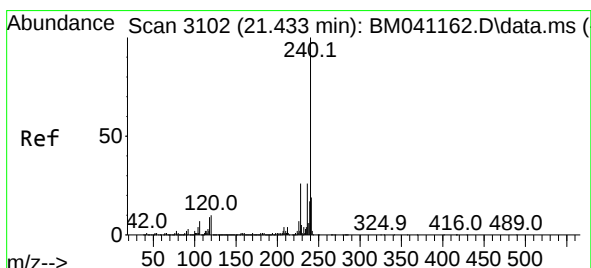
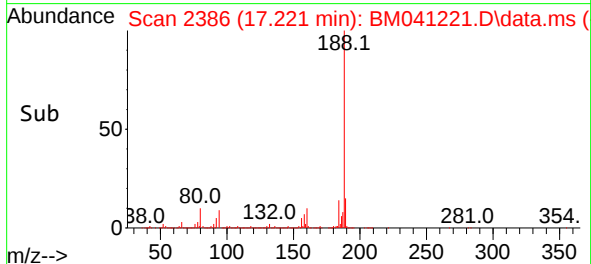
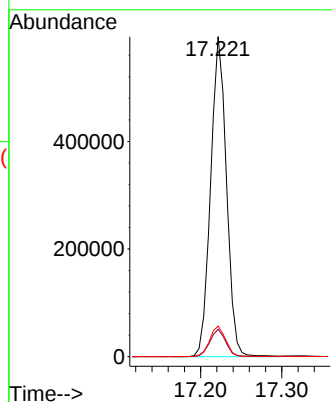
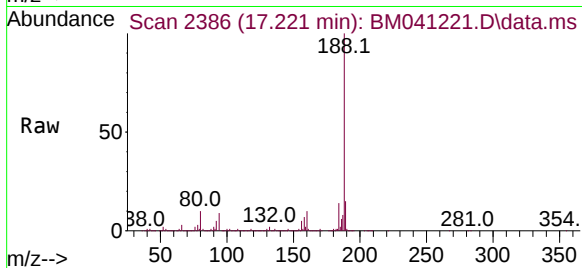
Tgt Ion:188 Resp: 803853

Ion Ratio Lower Upper

188 100

94 8.6 8.2 12.2

80 9.5 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: BM041221.D

Acq: 01 Aug 2023 12:49

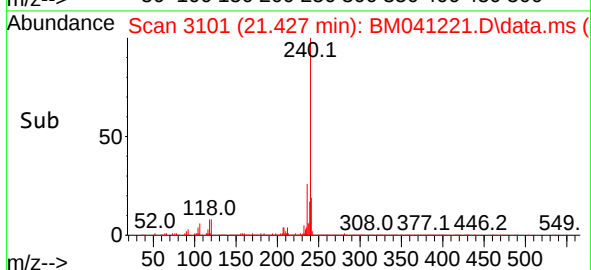
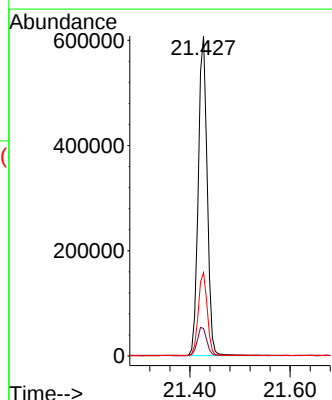
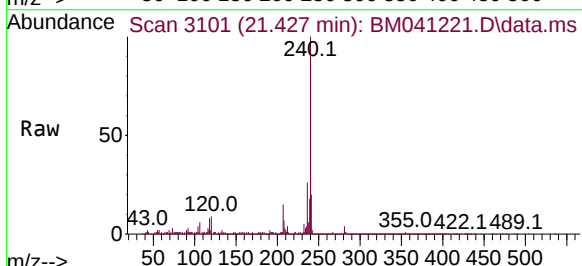
Tgt Ion:240 Resp: 747670

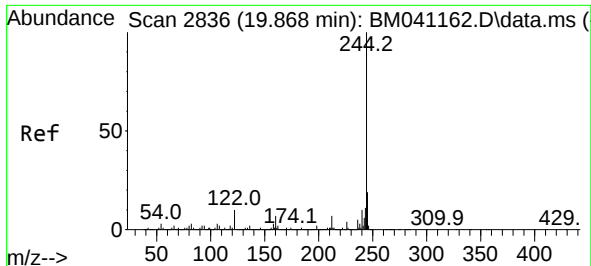
Ion Ratio Lower Upper

240 100

120 8.6 8.3 12.5

236 26.1 20.6 30.8

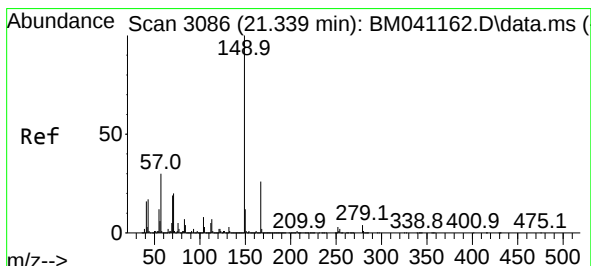
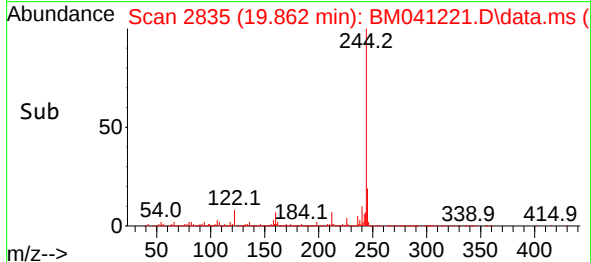
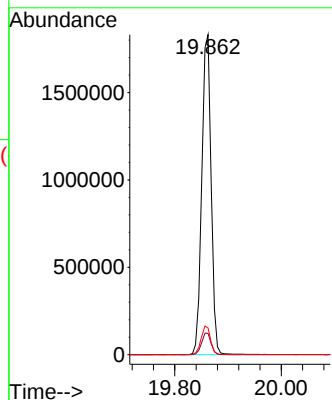
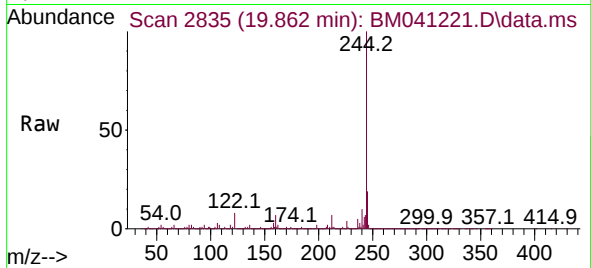




#79
 Terphenyl-d14
 Concen: 53.889 ng
 RT: 19.862 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BM041221.D
 Acq: 01 Aug 2023 12:49

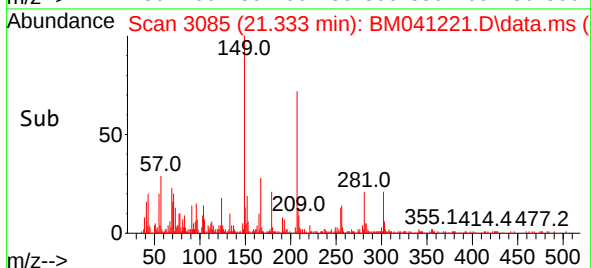
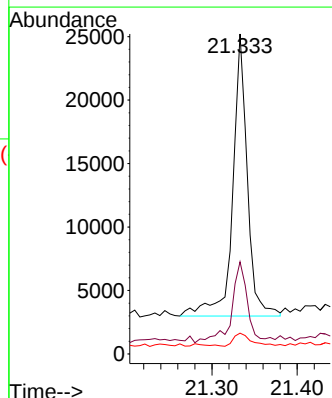
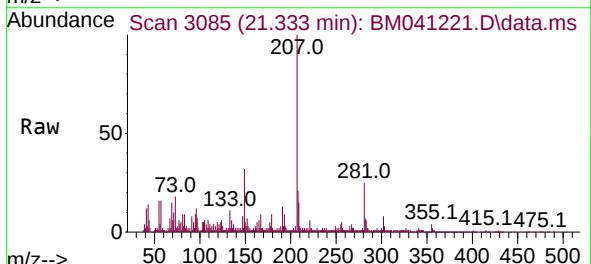
Instrument :
 BNA_M
 ClientSampleId :
 B-P15A

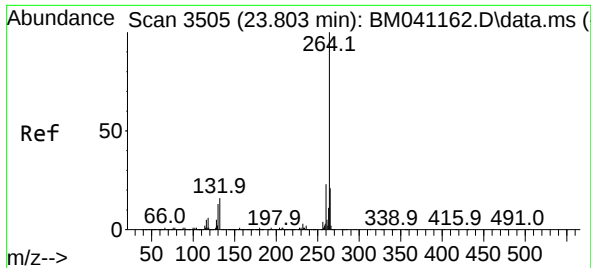
Tgt Ion:244 Resp: 2228411
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.4 8.2
 122 8.4 7.8 11.6



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 3.371 ng
 RT: 21.333 min Scan# 3085
 Delta R.T. -0.006 min
 Lab File: BM041221.D
 Acq: 01 Aug 2023 12:49

Tgt Ion:149 Resp: 26622
 Ion Ratio Lower Upper
 149 100
 167 28.8 21.0 31.6
 279 6.5 3.1 4.7#





#86
Perylene-d12
Concen: 20.000 ng
RT: 23.798 min Scan# 31
Delta R.T. -0.006 min
Lab File: BM041221.D
Acq: 01 Aug 2023 12:49

Instrument :
BNA_M
ClientSampleId :
B-P15A

Tgt Ion:264 Resp: 848711

Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.5	27.7
265	22.3	17.4	26.0

