

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081523\
 Data File : BM041406.D
 Acq On : 15 Aug 2023 15:13
 Operator : MA/JU
 Sample : 04006-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 E-1

Quant Time: Aug 16 01:10:34 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM072823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 11 17:51:06 2023
 Response via : Initial Calibration

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

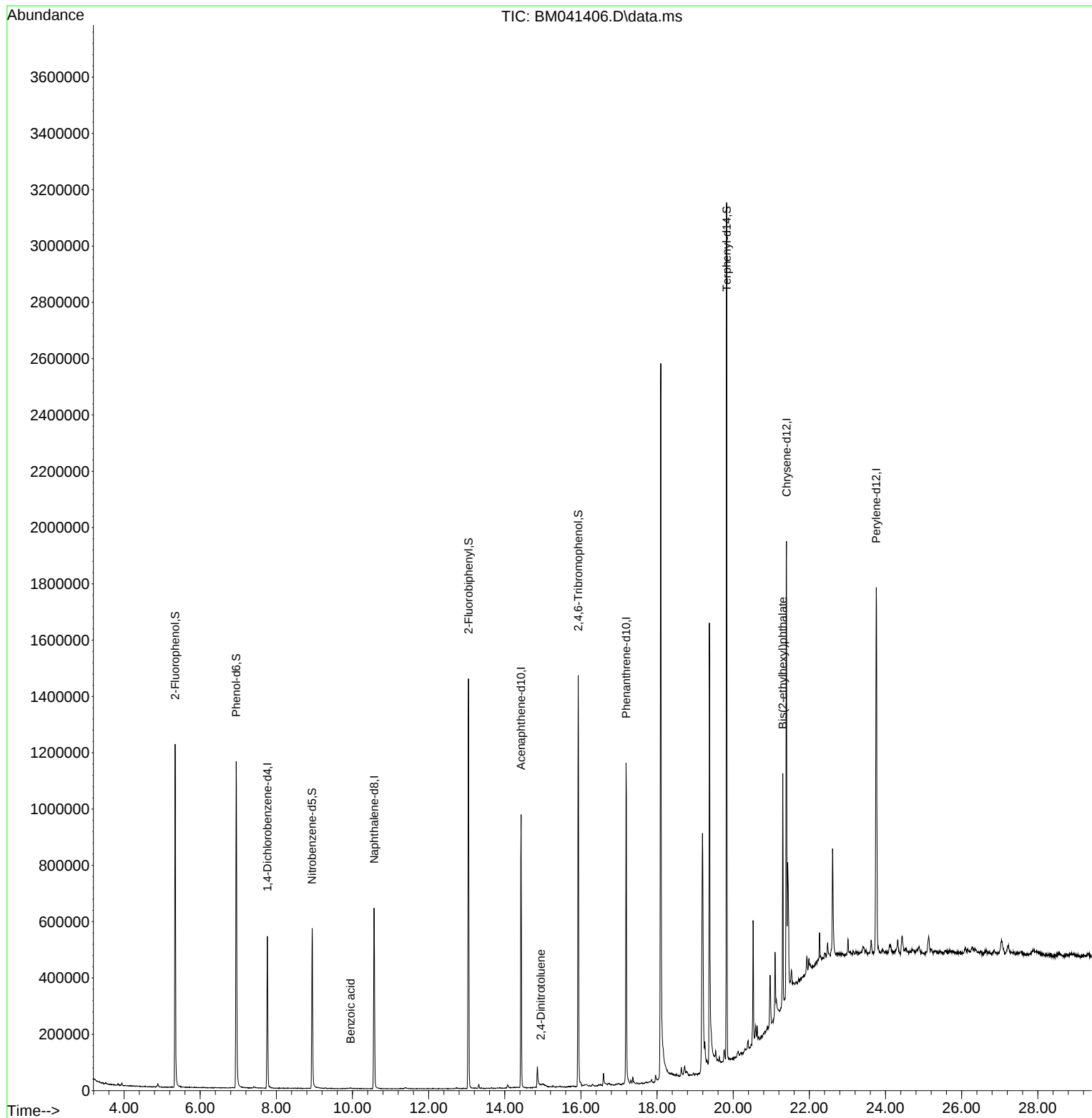
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.763	152	135592	20.000	ng	-0.01
21) Naphthalene-d8	10.569	136	515759	20.000	ng	-0.01
39) Acenaphthene-d10	14.427	164	300618	20.000	ng	-0.01
64) Phenanthrene-d10	17.186	188	652265	20.000	ng	-0.02
76) Chrysene-d12	21.397	240	751617	20.000	ng	#-0.02
86) Perylene-d12	23.756	264	995977	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.340	112	488566	53.853	ng	0.00
7) Phenol-d6	6.945	99	643174	54.693	ng	-0.01
23) Nitrobenzene-d5	8.939	82	344417	31.055	ng	-0.01
42) 2,4,6-Tribromophenol	15.927	330	256461	60.314	ng	-0.02
45) 2-Fluorobiphenyl	13.045	172	720201	30.264	ng	-0.01
79) Terphenyl-d14	19.827	244	1351242	32.505	ng	-0.02
Target Compounds						Qvalue
32) Benzoic acid	9.951	122	154	7.178	ng	# 52
57) 2,4-Dinitrotoluene	14.945	165	54	2.678	ng	# 12
84) Bis(2-ethylhexyl)phtha...	21.303	149	284161	11.368	ng	# 97

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

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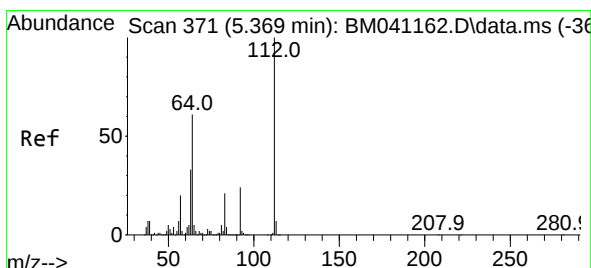
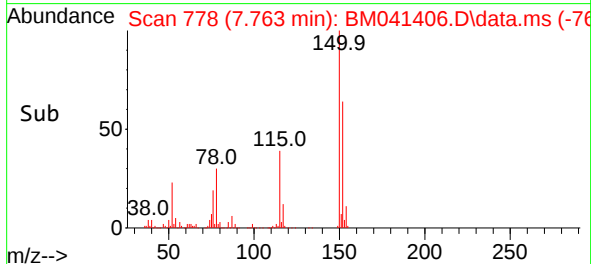
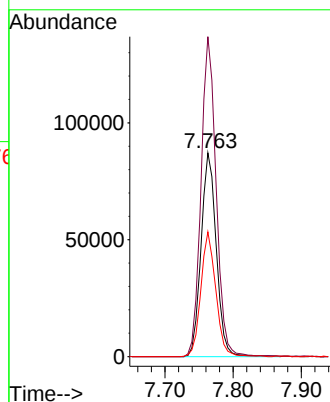
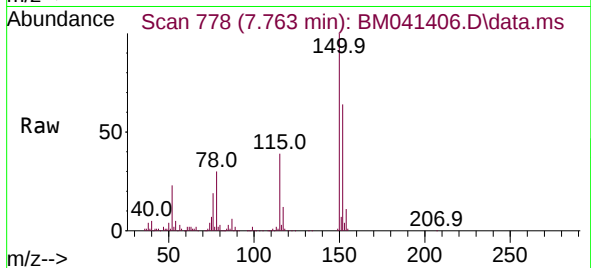




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.763 min Scan# 71
Delta R.T. -0.012 min
Lab File: BM041406.D
Acq: 15 Aug 2023 15:13

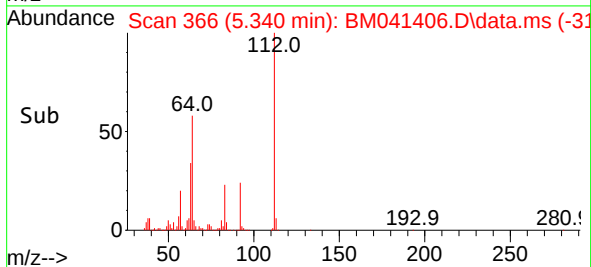
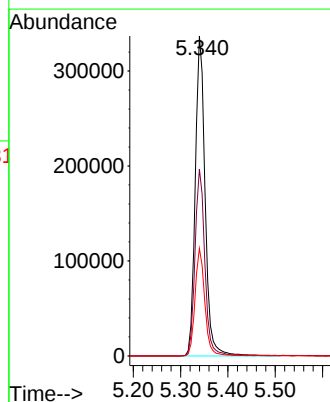
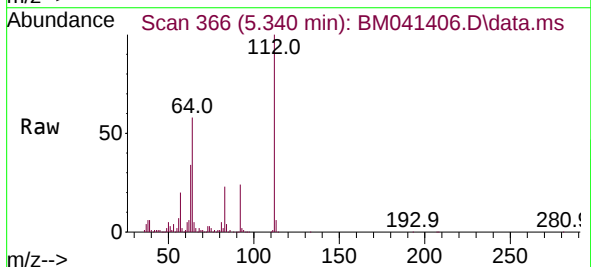
Instrument :
BNA_M
ClientSampleId :
E-1

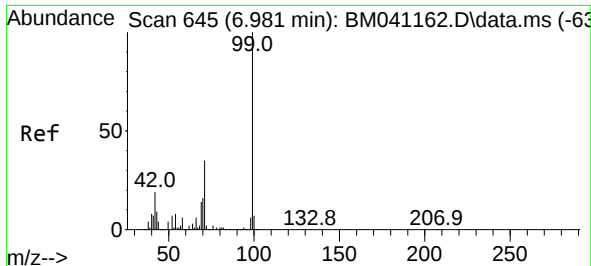
Tgt Ion:152 Resp: 135592
Ion Ratio Lower Upper
152 100
150 157.1 125.5 188.3
115 61.2 48.0 72.0



#5
2-Fluorophenol
Concen: 53.853 ng
RT: 5.340 min Scan# 366
Delta R.T. -0.006 min
Lab File: BM041406.D
Acq: 15 Aug 2023 15:13

Tgt Ion:112 Resp: 488566
Ion Ratio Lower Upper
112 100
64 58.4 48.5 72.7
63 33.6 26.5 39.7

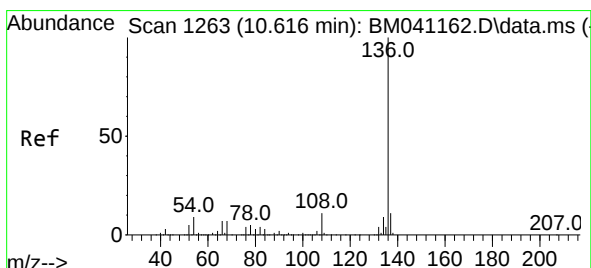
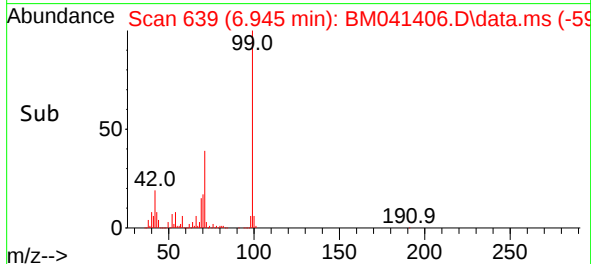
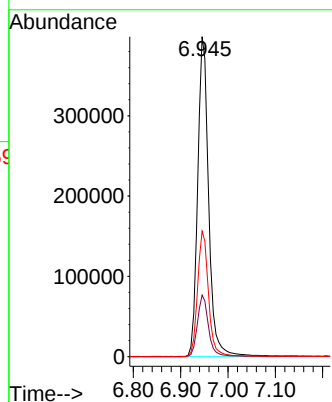
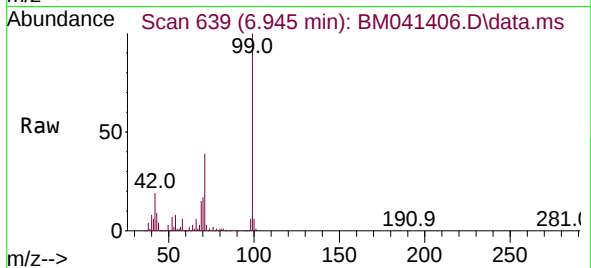




#7
Phenol-d6
Concen: 54.693 ng
RT: 6.945 min Scan# 645
Delta R.T. -0.012 min
Lab File: BM041406.D
Acq: 15 Aug 2023 15:13

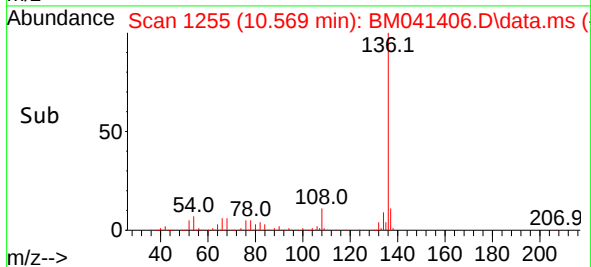
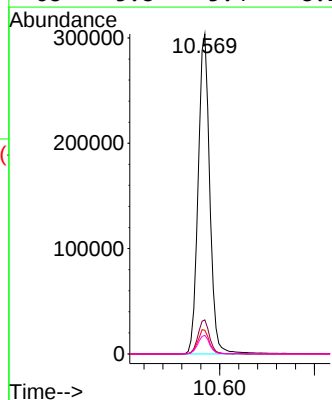
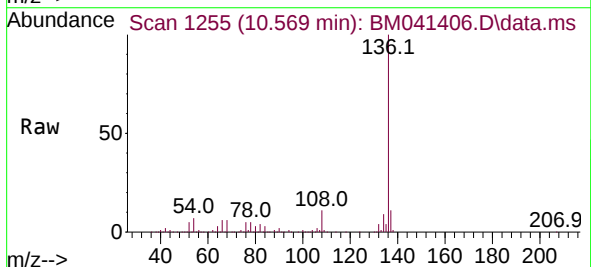
Instrument :
BNA_M
ClientSampleId :
E-1

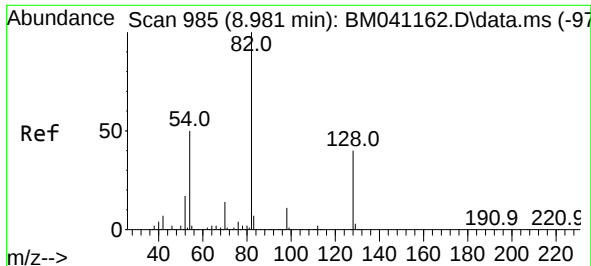
Tgt Ion: 99 Resp: 643174
Ion Ratio Lower Upper
99 100
42 19.2 15.4 23.0
71 39.2 28.2 42.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.569 min Scan# 1255
Delta R.T. -0.012 min
Lab File: BM041406.D
Acq: 15 Aug 2023 15:13

Tgt Ion: 136 Resp: 515759
Ion Ratio Lower Upper
136 100
137 10.6 8.8 13.2
54 7.4 6.9 10.3
68 5.8 5.4 8.2

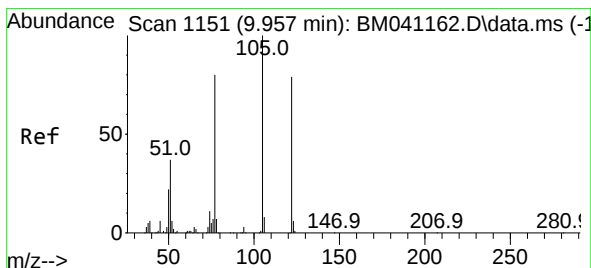
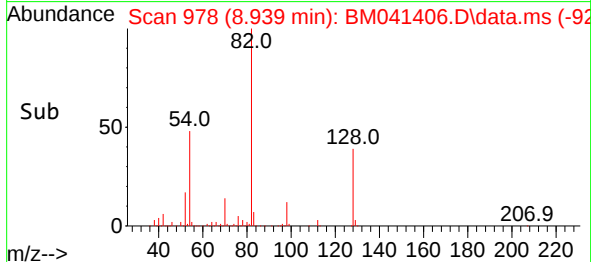
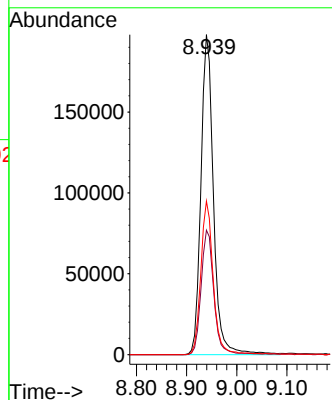
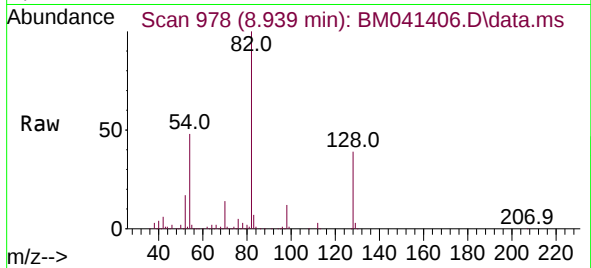




#23
Nitrobenzene-d5
Concen: 31.055 ng
RT: 8.939 min Scan# 91
Delta R.T. -0.012 min
Lab File: BM041406.D
Acq: 15 Aug 2023 15:13

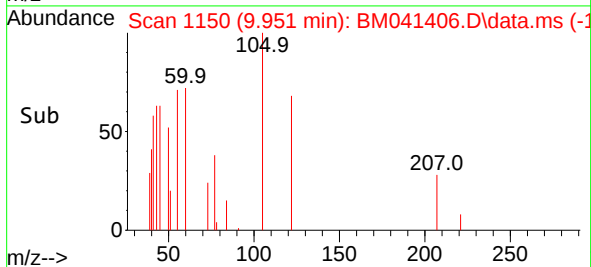
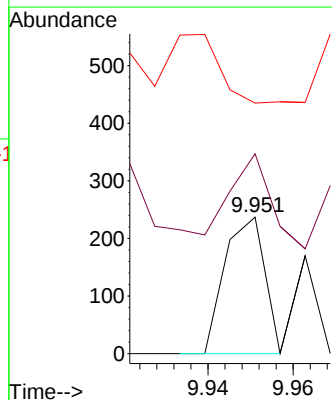
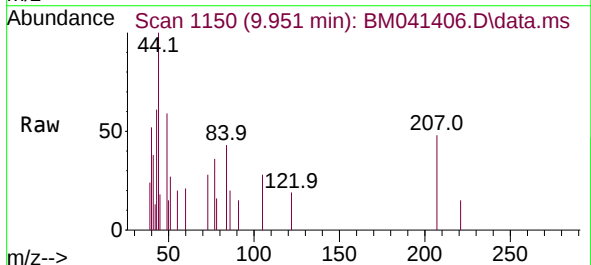
Instrument :
BNA_M
ClientSampleId :
E-1

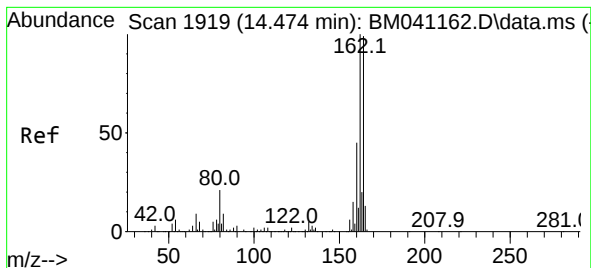
Tgt Ion: 82 Resp: 344417
Ion Ratio Lower Upper
82 100
128 38.9 31.8 47.6
54 48.0 40.1 60.1



#32
Benzoic acid
Concen: 7.178 ng
RT: 9.951 min Scan# 1150
Delta R.T. -0.000 min
Lab File: BM041406.D
Acq: 15 Aug 2023 15:13

Tgt Ion: 122 Resp: 154
Ion Ratio Lower Upper
122 100
105 146.4 104.0 144.0#
77 183.5 79.9 119.9#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.427 min Scan# 1919

Delta R.T. -0.012 min

Lab File: BM041406.D

Acq: 15 Aug 2023 15:13

Instrument :

BNA_M

ClientSampleId :

E-1

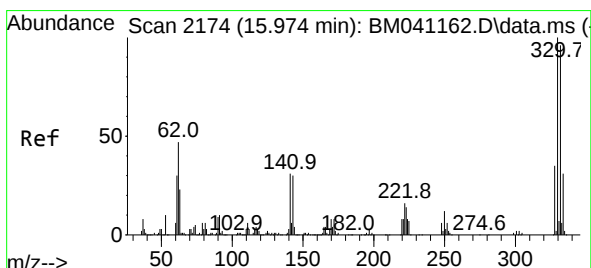
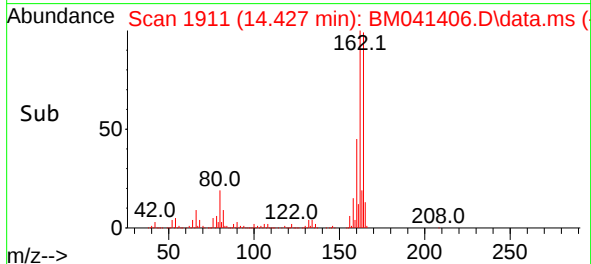
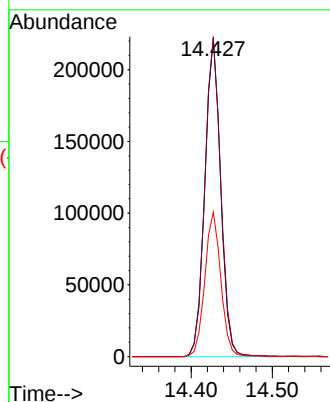
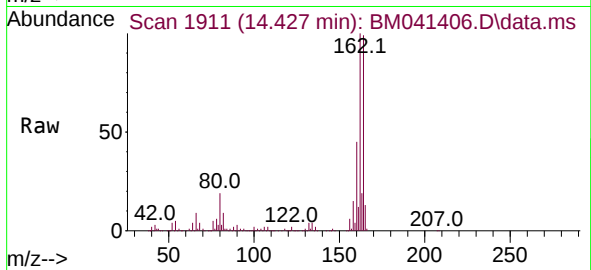
Tgt Ion:164 Resp: 300618

Ion Ratio Lower Upper

164 100

162 100.8 80.4 120.6

160 45.5 36.2 54.2



#42

2,4,6-Tribromophenol

Concen: 60.314 ng

RT: 15.927 min Scan# 2166

Delta R.T. -0.018 min

Lab File: BM041406.D

Acq: 15 Aug 2023 15:13

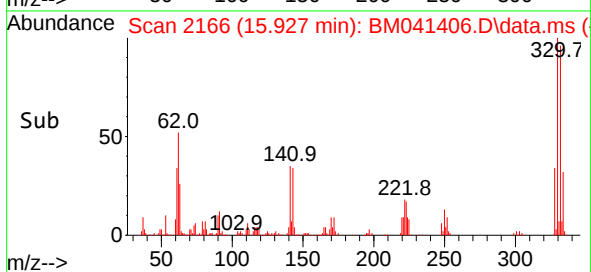
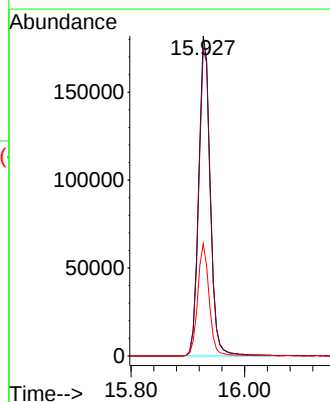
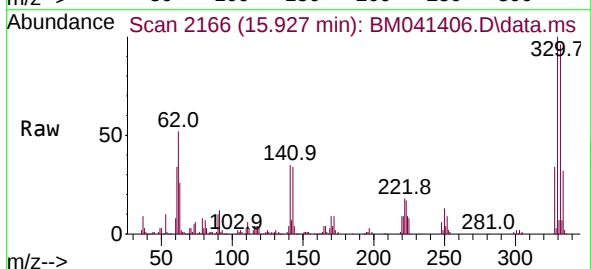
Tgt Ion:330 Resp: 256461

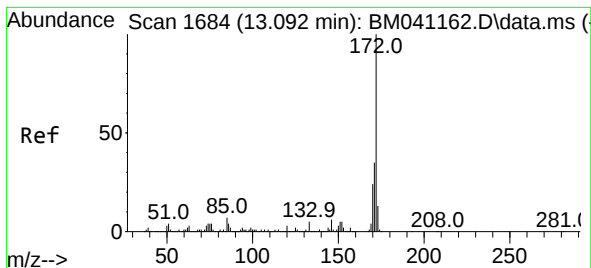
Ion Ratio Lower Upper

330 100

332 96.6 77.7 116.5

141 34.5 28.3 42.5





#45

2-Fluorobiphenyl

Concen: 30.264 ng

RT: 13.045 min Scan# 1

Delta R.T. -0.012 min

Lab File: BM041406.D

Acq: 15 Aug 2023 15:13

Instrument :

BNA_M

ClientSampleId :

E-1

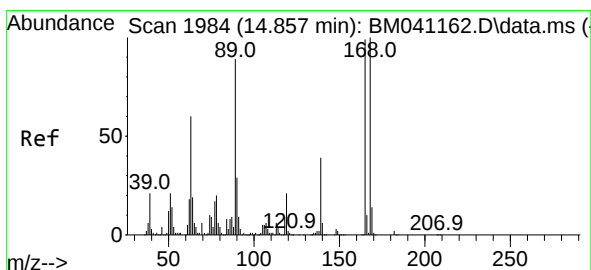
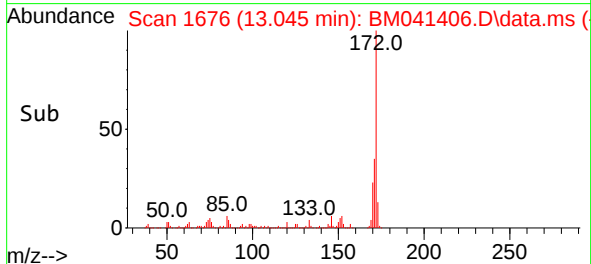
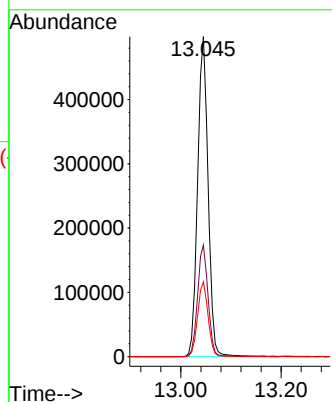
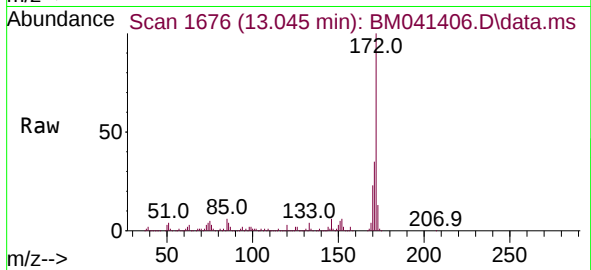
Tgt Ion:172 Resp: 720201

Ion Ratio Lower Upper

172 100

171 34.9 28.1 42.1

170 23.4 18.9 28.3



#57

2,4-Dinitrotoluene

Concen: 2.678 ng

RT: 14.945 min Scan# 1999

Delta R.T. 0.106 min

Lab File: BM041406.D

Acq: 15 Aug 2023 15:13

Tgt Ion:165 Resp: 54

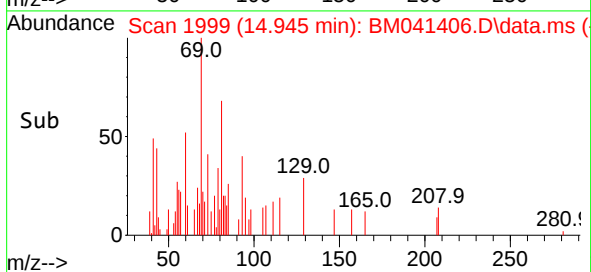
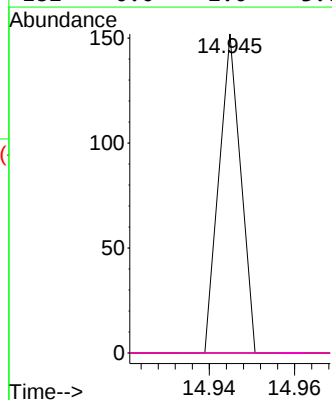
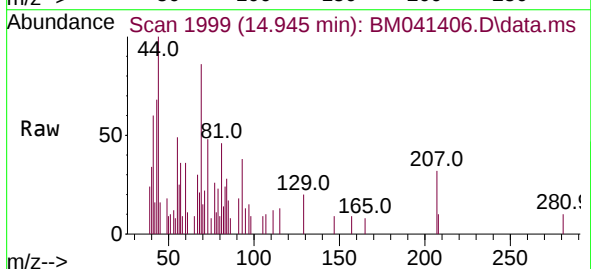
Ion Ratio Lower Upper

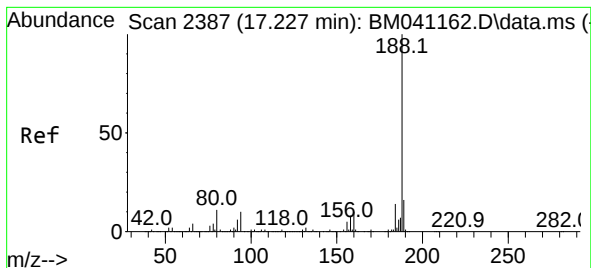
165 100

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: 17.186 min Scan# 2387

Delta R.T. -0.018 min

Lab File: BM041406.D

Acq: 15 Aug 2023 15:13

Instrument :

BNA_M

ClientSampleId :

E-1

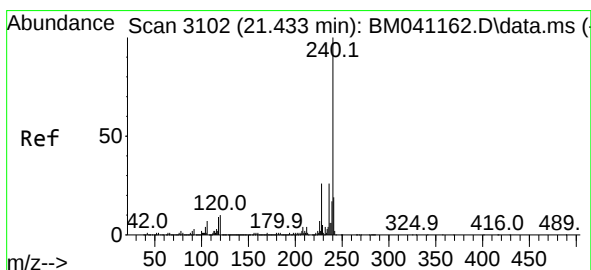
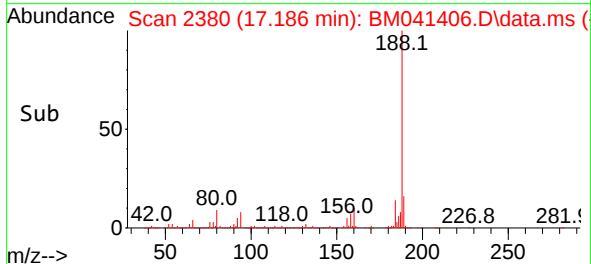
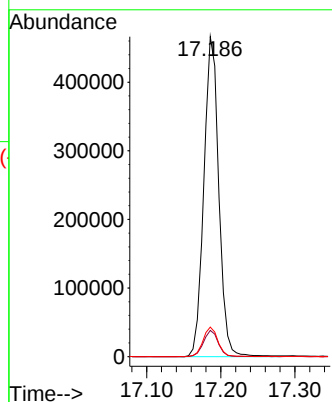
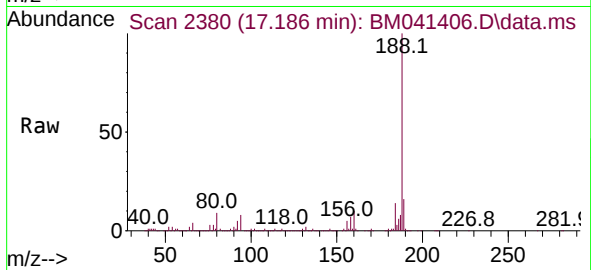
Tgt Ion:188 Resp: 652265

Ion Ratio Lower Upper

188 100

94 8.2 8.2 12.2

80 9.2 8.6 13.0



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.397 min Scan# 3096

Delta R.T. -0.018 min

Lab File: BM041406.D

Acq: 15 Aug 2023 15:13

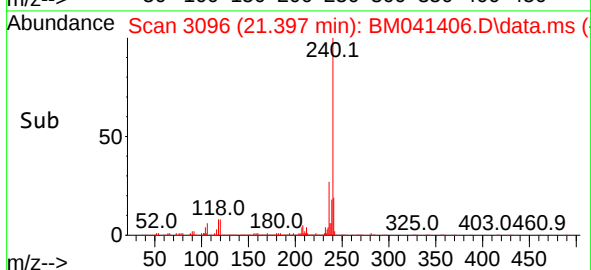
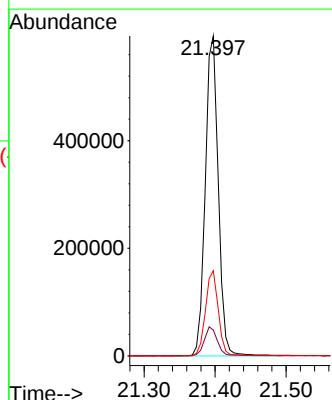
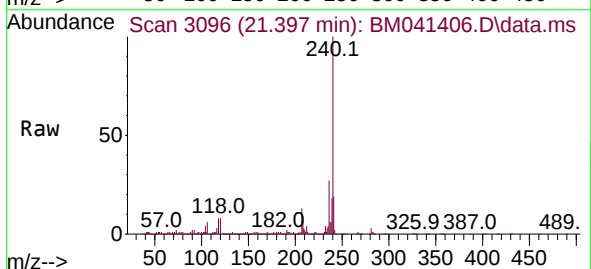
Tgt Ion:240 Resp: 751617

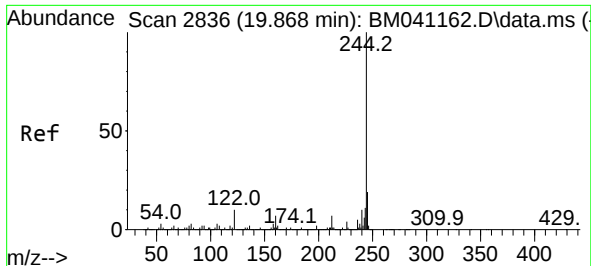
Ion Ratio Lower Upper

240 100

120 8.1 8.3 12.5#

236 26.6 20.6 30.8

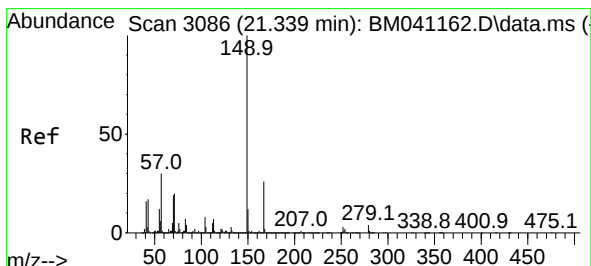
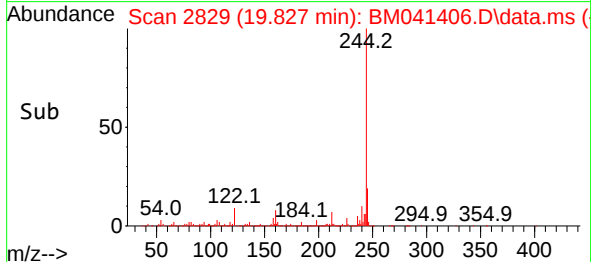
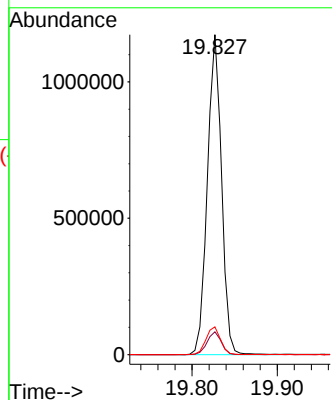
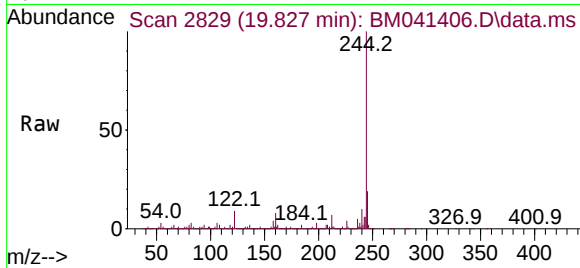




#79
 Terphenyl-d14
 Concen: 32.505 ng
 RT: 19.827 min Scan# 2836
 Delta R.T. -0.018 min
 Lab File: BM041406.D
 Acq: 15 Aug 2023 15:13

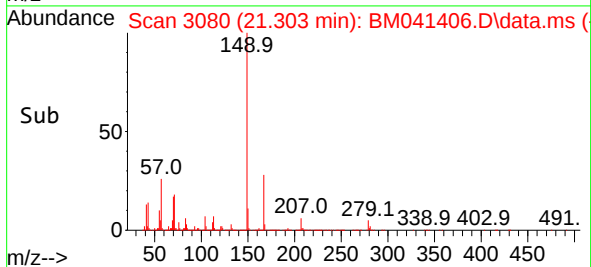
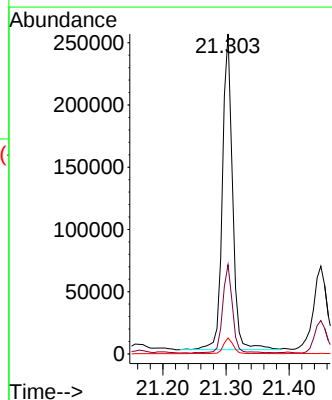
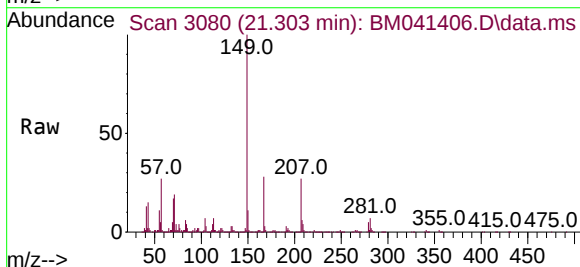
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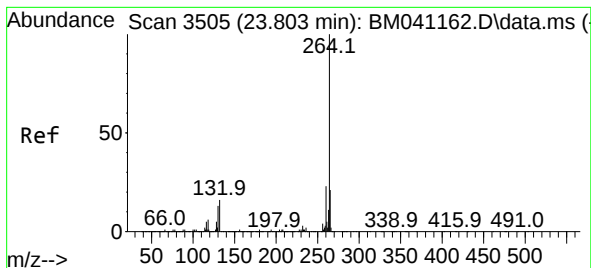
Tgt Ion:244 Resp: 1351242
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.4 8.2
 122 8.7 7.8 11.6



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 11.368 ng
 RT: 21.303 min Scan# 3080
 Delta R.T. -0.018 min
 Lab File: BM041406.D
 Acq: 15 Aug 2023 15:13

Tgt Ion:149 Resp: 284161
 Ion Ratio Lower Upper
 149 100
 167 27.9 21.0 31.6
 279 5.0 3.1 4.7#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.756 min Scan# 34
 Delta R.T. -0.024 min
 Lab File: BM041406.D
 Acq: 15 Aug 2023 15:13

Instrument :
 BNA_M
 ClientSampleId :
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Tgt Ion:264 Resp: 995977
 Ion Ratio Lower Upper
 264 100
 260 23.9 18.5 27.7
 265 22.3 17.4 26.0

