

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072823\
 Data File : BM041173.D
 Acq On : 28 Jul 2023 19:44
 Operator : MA/JU
 Sample : 03719-03
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 B-P22A

Quant Time: Jul 29 01:18:07 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM072823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jul 29 00:19:24 2023
 Response via : Initial Calibration

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

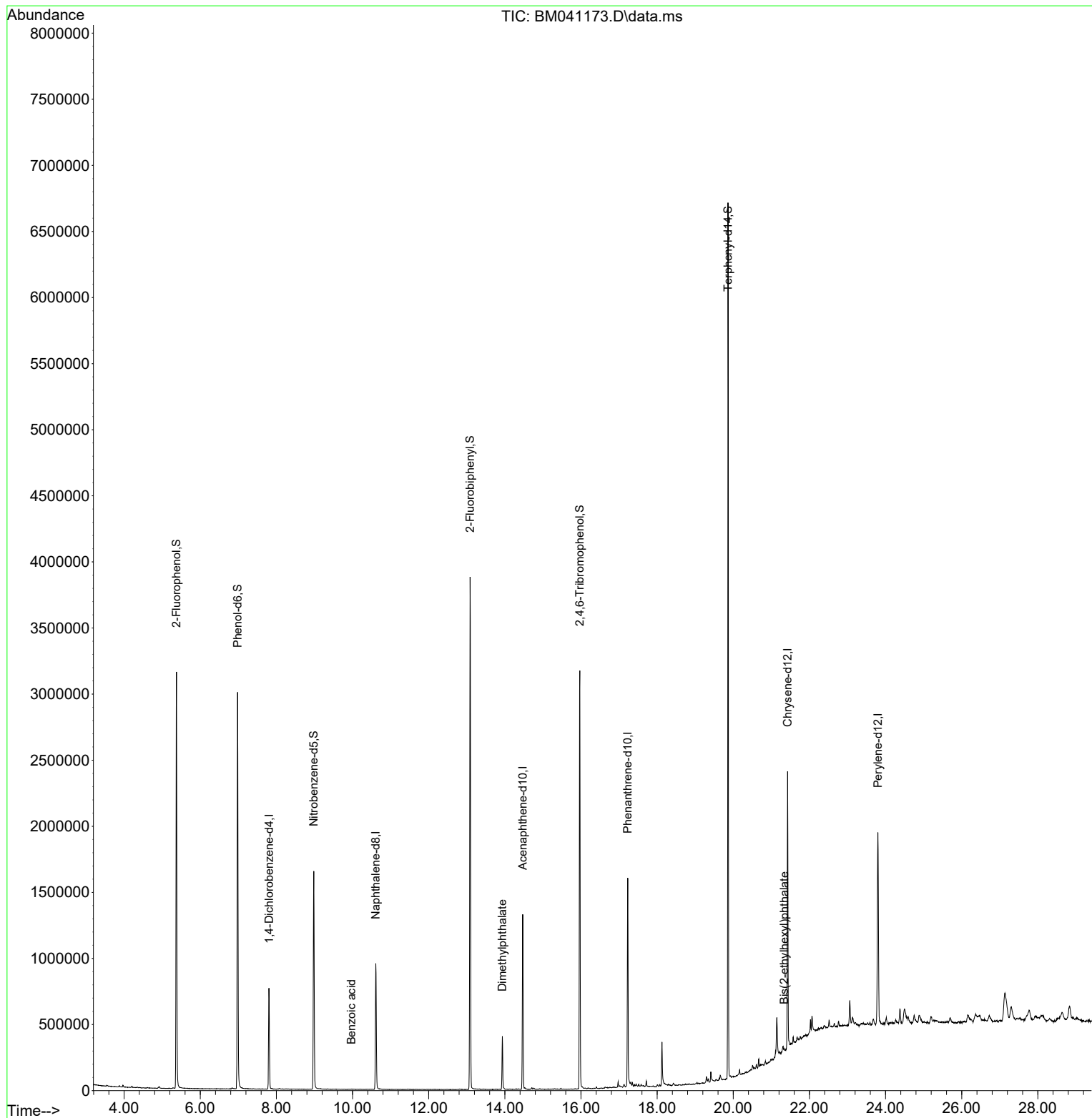
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.804	152	192038	20.000	ng	0.00
21) Naphthalene-d8	10.610	136	740107	20.000	ng	0.00
39) Acenaphthene-d10	14.469	164	410997	20.000	ng	0.00
64) Phenanthrene-d10	17.227	188	866402	20.000	ng	0.00
76) Chrysene-d12	21.427	240	877748	20.000	ng	0.00
86) Perylene-d12	23.798	264	1053312	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.375	112	1252638	97.490	ng	0.00
7) Phenol-d6	6.981	99	1598415	95.971	ng	0.00
23) Nitrobenzene-d5	8.981	82	938408	58.965	ng	0.00
42) 2,4,6-Tribromophenol	15.969	330	530678	91.286	ng	0.00
45) 2-Fluorobiphenyl	13.086	172	1830646	56.267	ng	0.00
79) Terphenyl-d14	19.863	244	2813626	57.957	ng	0.00
Target Compounds						
32) Benzoic acid	9.969	122	53	7.161	ng	# 52
50) Dimethylphthalate	13.934	163	239364	7.742	ng	99
84) Bis(2-ethylhexyl)phtha...	21.339	149	5570	2.687	ng	# 98

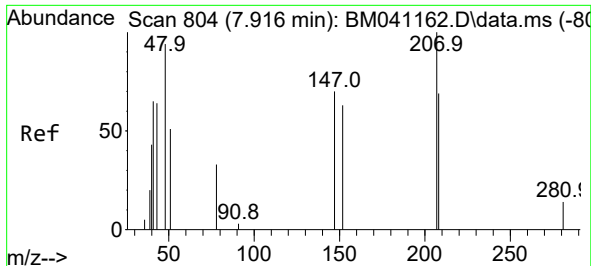
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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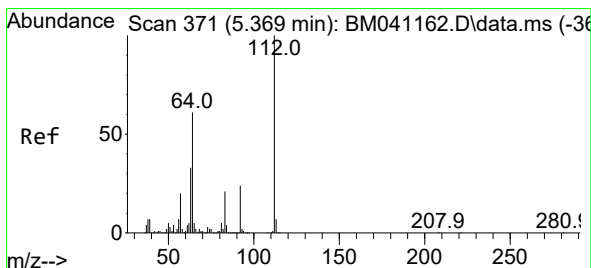
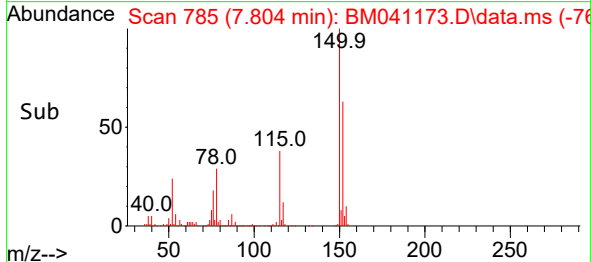
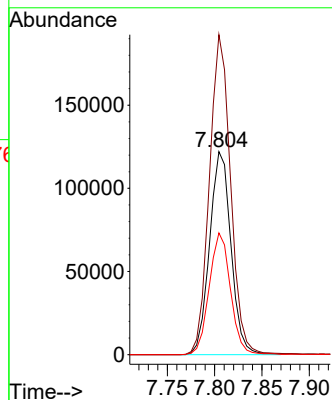
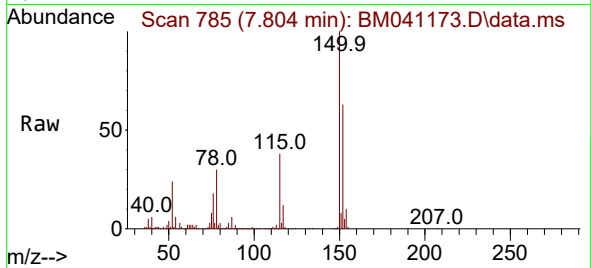




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.804 min Scan# 71
Delta R.T. 0.000 min
Lab File: BM041173.D
Acq: 28 Jul 2023 19:44

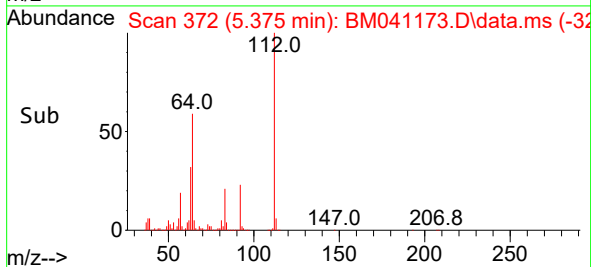
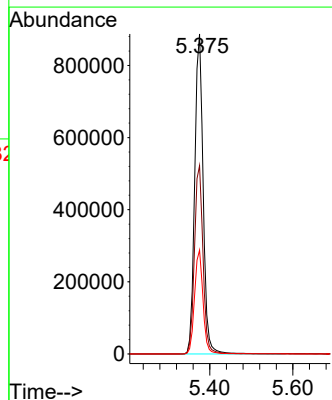
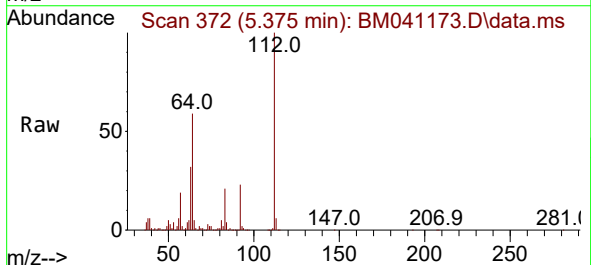
Instrument :
BNA_M
ClientSampleId :
B-P22A

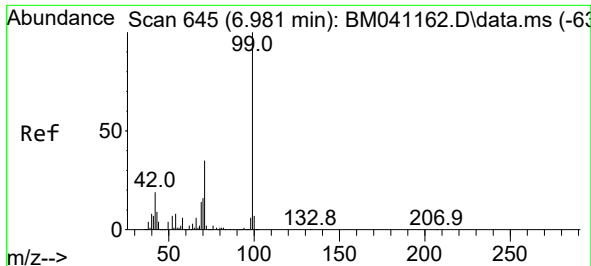
Tgt Ion:152 Resp: 192038
Ion Ratio Lower Upper
152 100
150 157.6 125.5 188.3
115 60.0 48.0 72.0



#5
2-Fluorophenol
Concen: 97.490 ng
RT: 5.375 min Scan# 372
Delta R.T. 0.006 min
Lab File: BM041173.D
Acq: 28 Jul 2023 19:44

Tgt Ion:112 Resp: 1252638
Ion Ratio Lower Upper
112 100
64 58.8 48.5 72.7
63 32.5 26.5 39.7

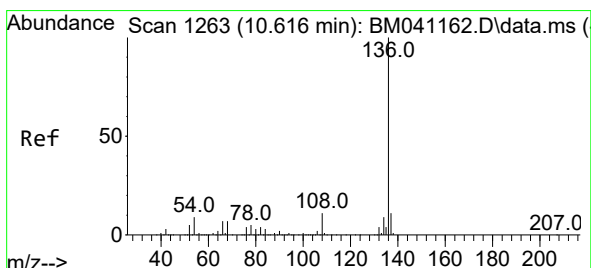
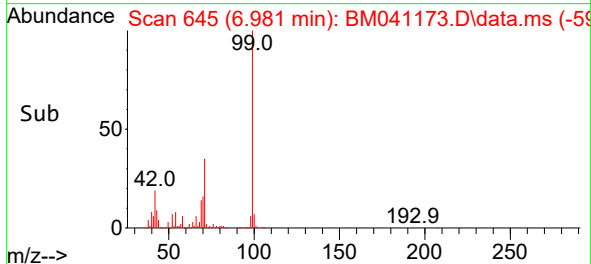
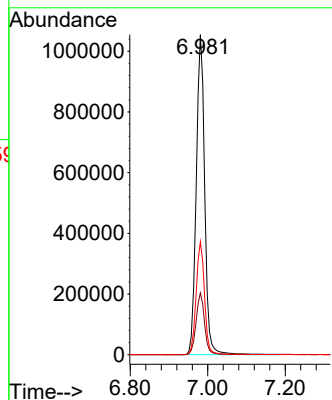
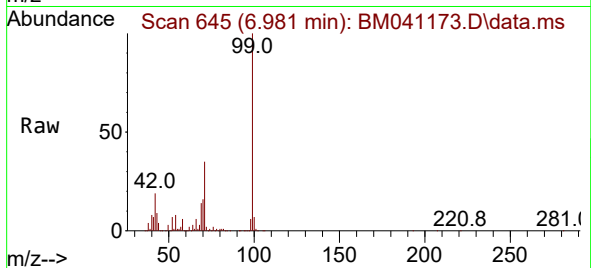




#7
Phenol-d6
Concen: 95.971 ng
RT: 6.981 min Scan# 645
Delta R.T. 0.000 min
Lab File: BM041173.D
Acq: 28 Jul 2023 19:44

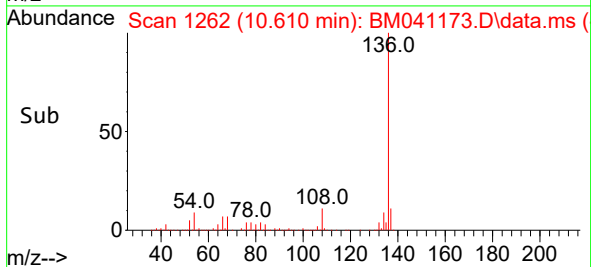
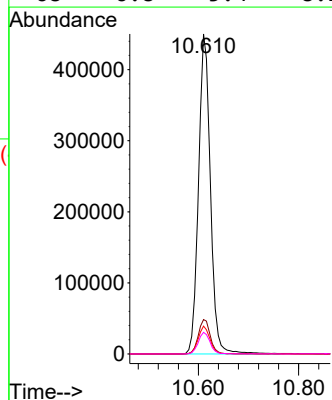
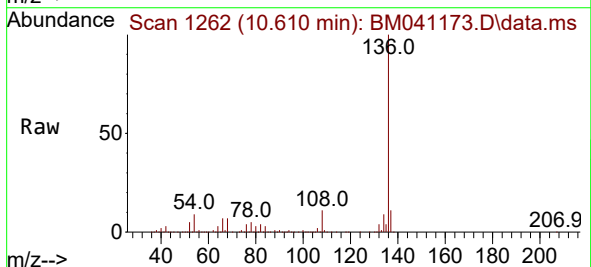
Instrument :
BNA_M
ClientSampleId :
B-P22A

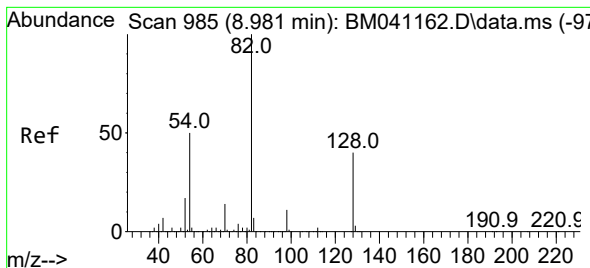
Tgt Ion: 99 Resp: 1598415
Ion Ratio Lower Upper
99 100
42 19.3 15.4 23.0
71 35.3 28.2 42.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.610 min Scan# 1262
Delta R.T. -0.006 min
Lab File: BM041173.D
Acq: 28 Jul 2023 19:44

Tgt Ion: 136 Resp: 740107
Ion Ratio Lower Upper
136 100
137 10.7 8.8 13.2
54 8.7 6.9 10.3
68 6.8 5.4 8.2





#23

Nitrobenzene-d5

Concen: 58.965 ng

RT: 8.981 min Scan# 91

Delta R.T. 0.000 min

Lab File: BM041173.D

Acq: 28 Jul 2023 19:44

Instrument :

BNA_M

ClientSampleId :

B-P22A

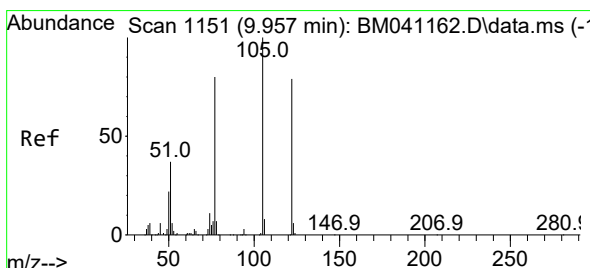
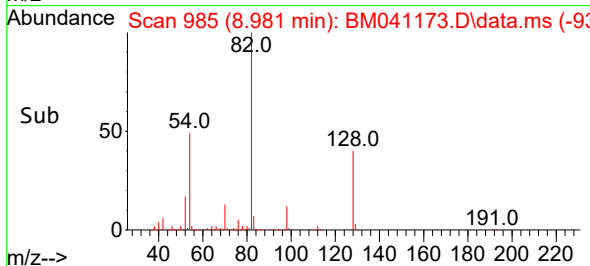
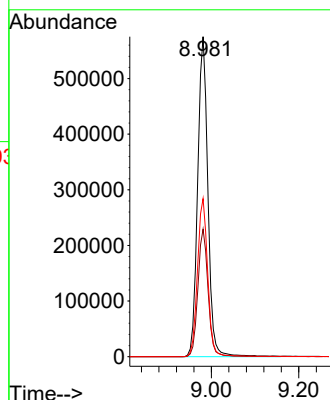
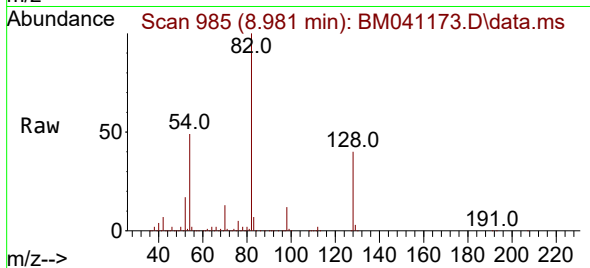
Tgt Ion: 82 Resp: 938408

Ion Ratio Lower Upper

82 100

128 39.8 31.8 47.6

54 49.4 40.1 60.1



#32

Benzoic acid

Concen: 7.161 ng

RT: 9.969 min Scan# 1153

Delta R.T. 0.012 min

Lab File: BM041173.D

Acq: 28 Jul 2023 19:44

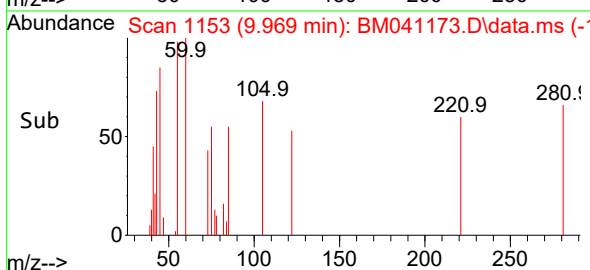
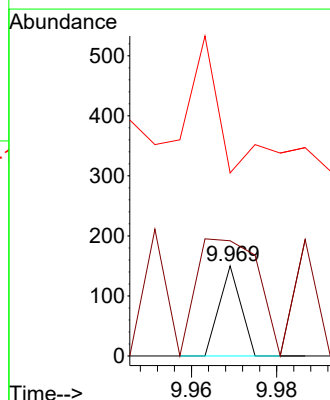
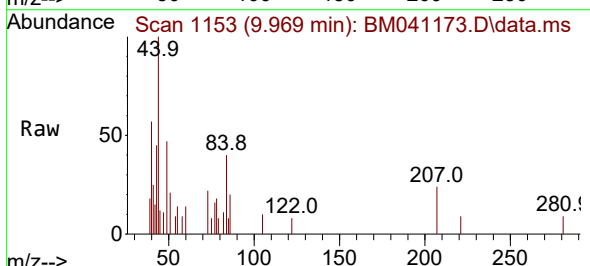
Tgt Ion: 122 Resp: 53

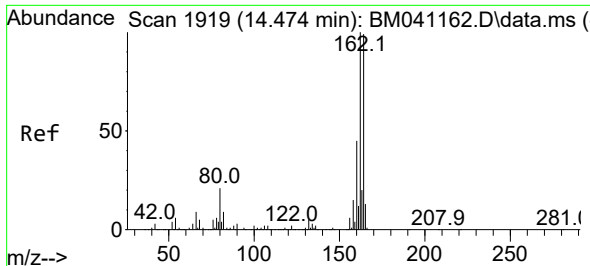
Ion Ratio Lower Upper

122 100

105 128.0 104.0 144.0

77 203.3 79.9 119.9#

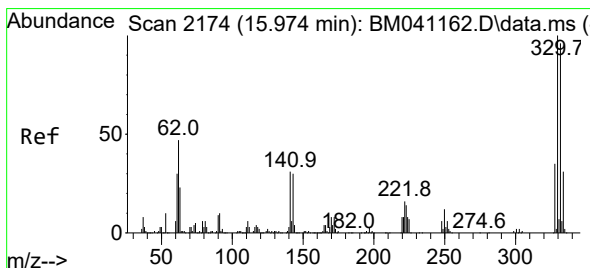
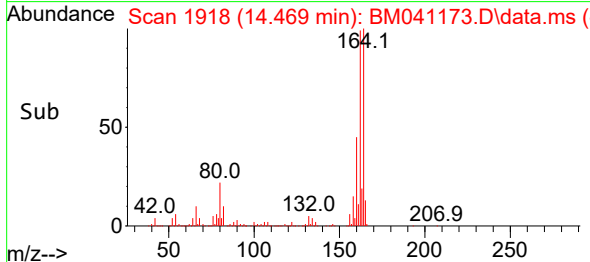
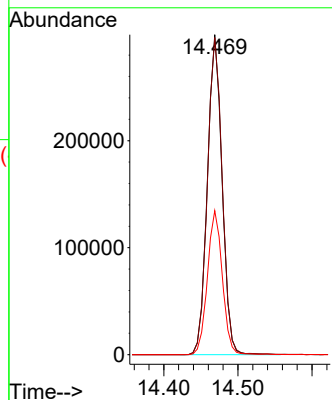
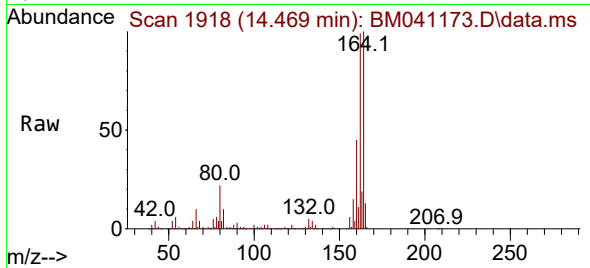




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.469 min Scan# 1919
Delta R.T. -0.005 min
Lab File: BM041173.D
Acq: 28 Jul 2023 19:44

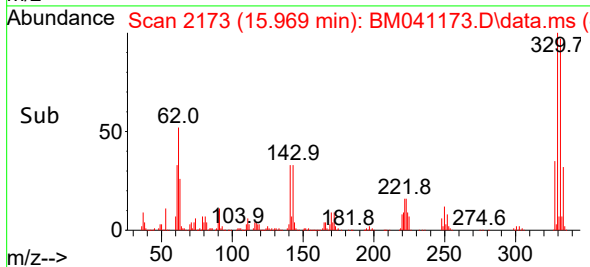
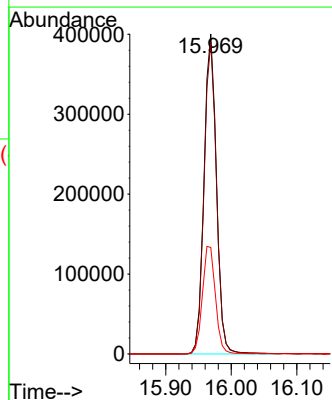
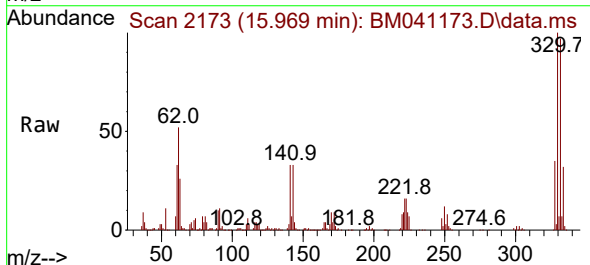
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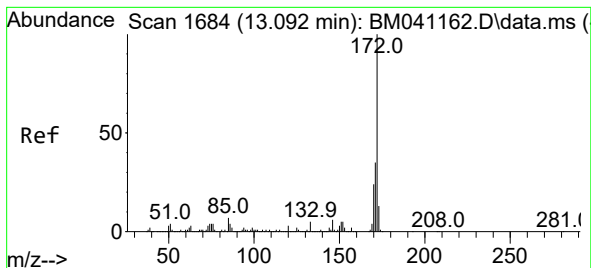
Tgt Ion:164 Resp: 410997
Ion Ratio Lower Upper
164 100
162 99.1 80.4 120.6
160 45.0 36.2 54.2



#42
2,4,6-Tribromophenol
Concen: 91.286 ng
RT: 15.969 min Scan# 2173
Delta R.T. -0.006 min
Lab File: BM041173.D
Acq: 28 Jul 2023 19:44

Tgt Ion:330 Resp: 530678
Ion Ratio Lower Upper
330 100
332 97.3 77.7 116.5
141 35.3 28.3 42.5





#45

2-Fluorobiphenyl

Concen: 56.267 ng

RT: 13.086 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM041173.D

Acq: 28 Jul 2023 19:44

Instrument :

BNA_M

ClientSampleId :

B-P22A

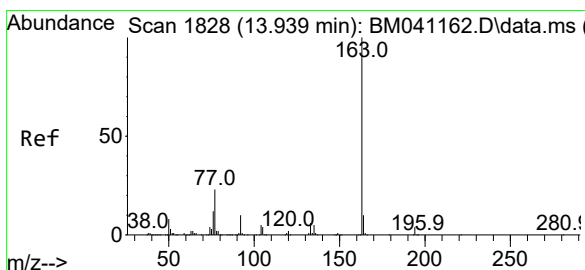
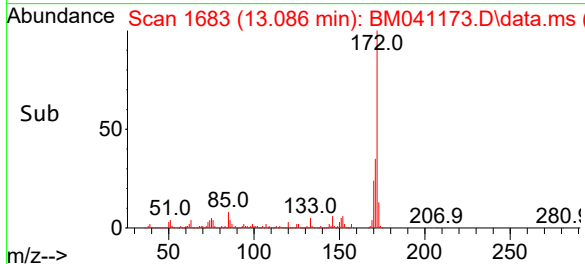
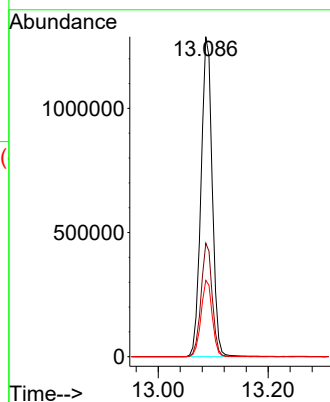
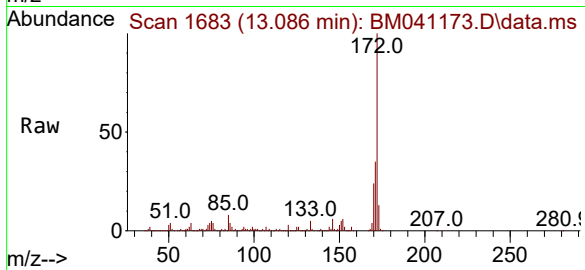
Tgt Ion:172 Resp: 1830646

Ion Ratio Lower Upper

172 100

171 35.5 28.1 42.1

170 23.9 18.9 28.3



#50

Dimethylphthalate

Concen: 7.742 ng

RT: 13.934 min Scan# 1827

Delta R.T. -0.005 min

Lab File: BM041173.D

Acq: 28 Jul 2023 19:44

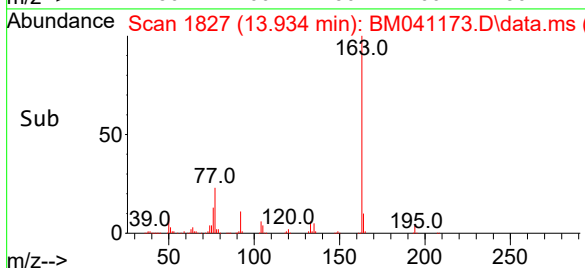
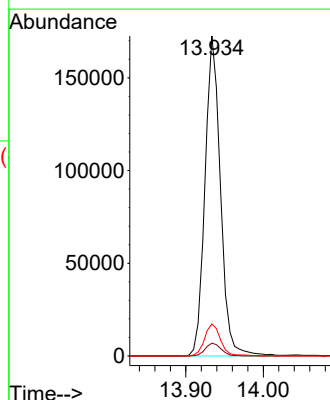
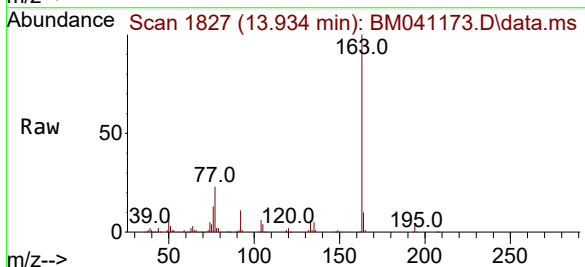
Tgt Ion:163 Resp: 239364

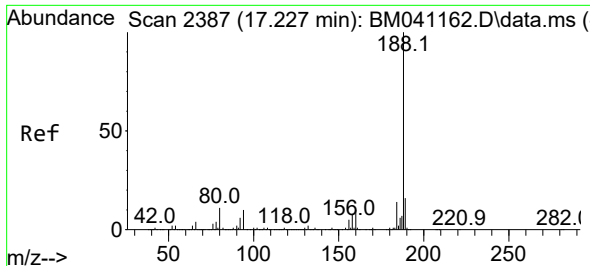
Ion Ratio Lower Upper

163 100

194 4.0 3.3 4.9

164 10.0 8.3 12.5

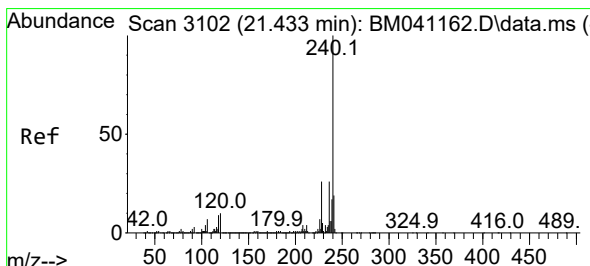
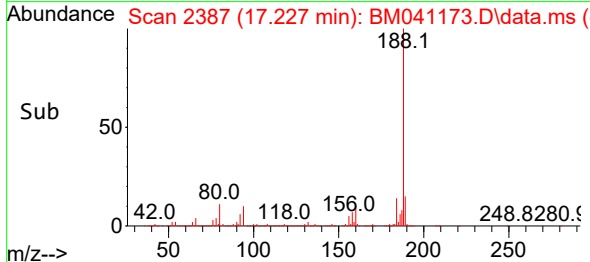
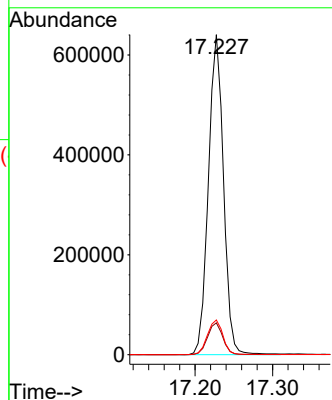
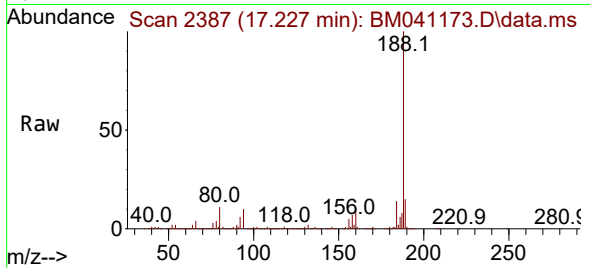




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.227 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM041173.D
Acq: 28 Jul 2023 19:44

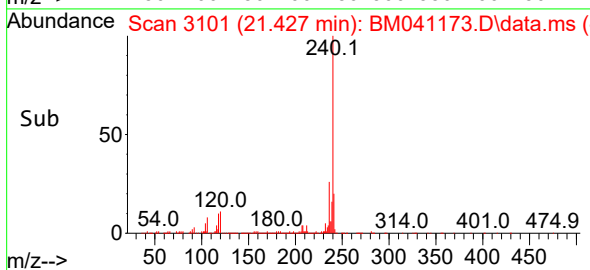
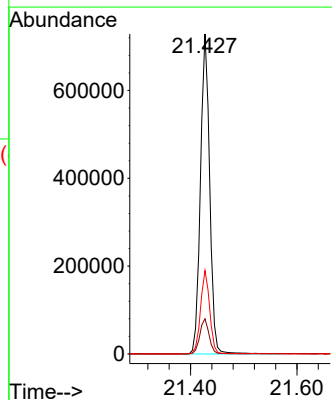
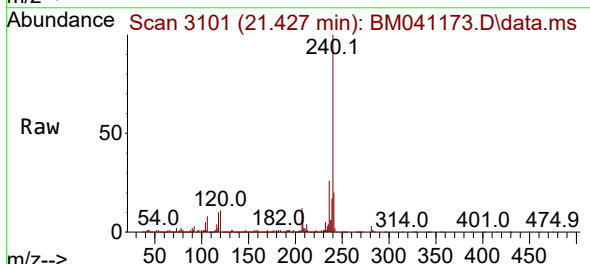
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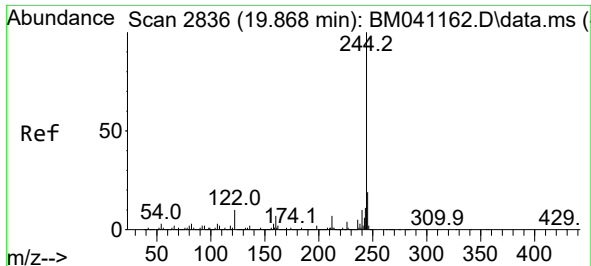
Tgt Ion:188 Resp: 866402
Ion Ratio Lower Upper
188 100
94 10.0 8.2 12.2
80 10.9 8.6 13.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.427 min Scan# 3101
Delta R.T. -0.006 min
Lab File: BM041173.D
Acq: 28 Jul 2023 19:44

Tgt Ion:240 Resp: 877748
Ion Ratio Lower Upper
240 100
120 11.0 8.3 12.5
236 26.0 20.6 30.8

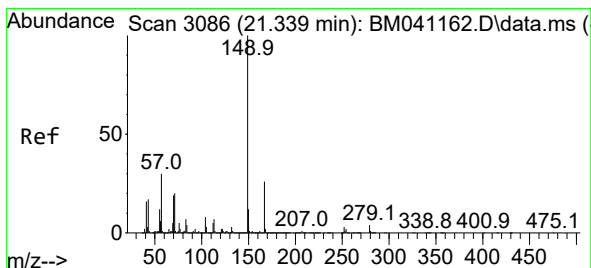
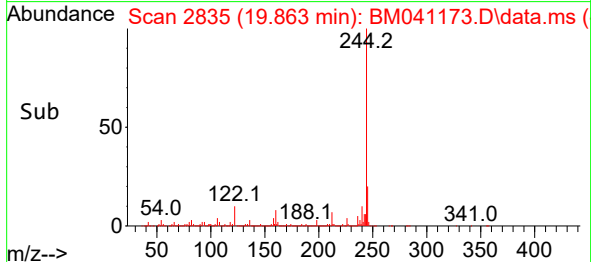
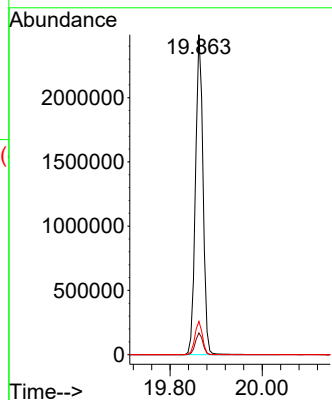
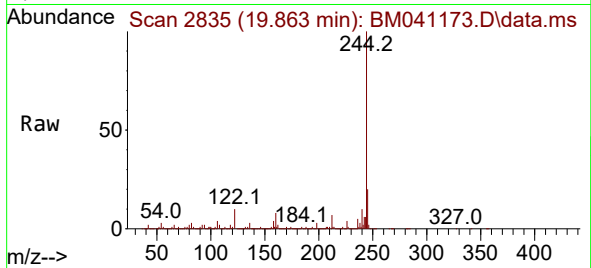




#79
Terphenyl-d14
Concen: 57.957 ng
RT: 19.863 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM041173.D
Acq: 28 Jul 2023 19:44

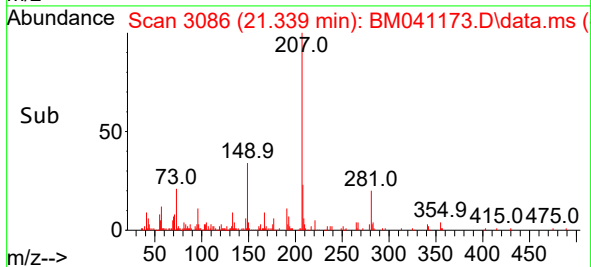
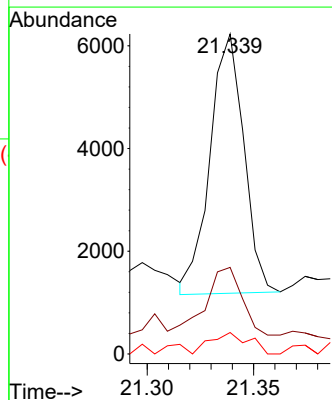
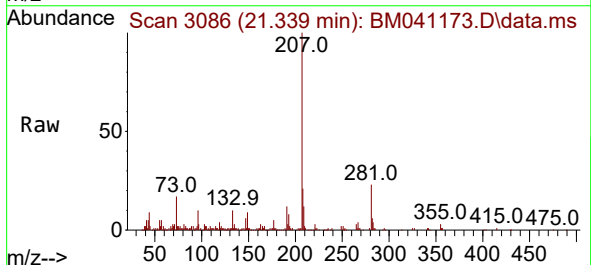
Instrument :
BNA_M
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B-P22A

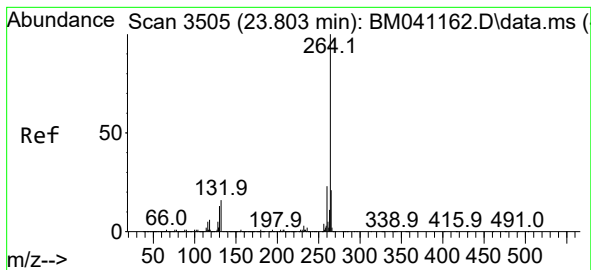
Tgt Ion:244 Resp: 2813626
Ion Ratio Lower Upper
244 100
212 6.8 5.4 8.2
122 10.4 7.8 11.6



#84
Bis(2-ethylhexyl)phthalate
Concen: 2.687 ng
RT: 21.339 min Scan# 3086
Delta R.T. -0.000 min
Lab File: BM041173.D
Acq: 28 Jul 2023 19:44

Tgt Ion:149 Resp: 5570
Ion Ratio Lower Upper
149 100
167 27.0 21.0 31.6
279 6.7 3.1 4.7#





#86

Perylene-d12

Concen: 20.000 ng

RT: 23.798 min Scan# 3

Delta R.T. -0.006 min

Lab File: BM041173.D

Acq: 28 Jul 2023 19:44

Instrument :

BNA_M

ClientSampleId :

B-P22A

Tgt Ion:264 Resp: 1053312

Ion Ratio Lower Upper

264 100

260 23.4 18.5 27.7

265 22.1 17.4 26.0

