

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081023\
 Data File : BM041372.D
 Acq On : 10 Aug 2023 20:54
 Operator : MA/JU
 Sample : 03955-02
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 WC-22

Quant Time: Aug 11 03:36:18 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 09 12:20:12 2023
 Response via : Initial Calibration

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

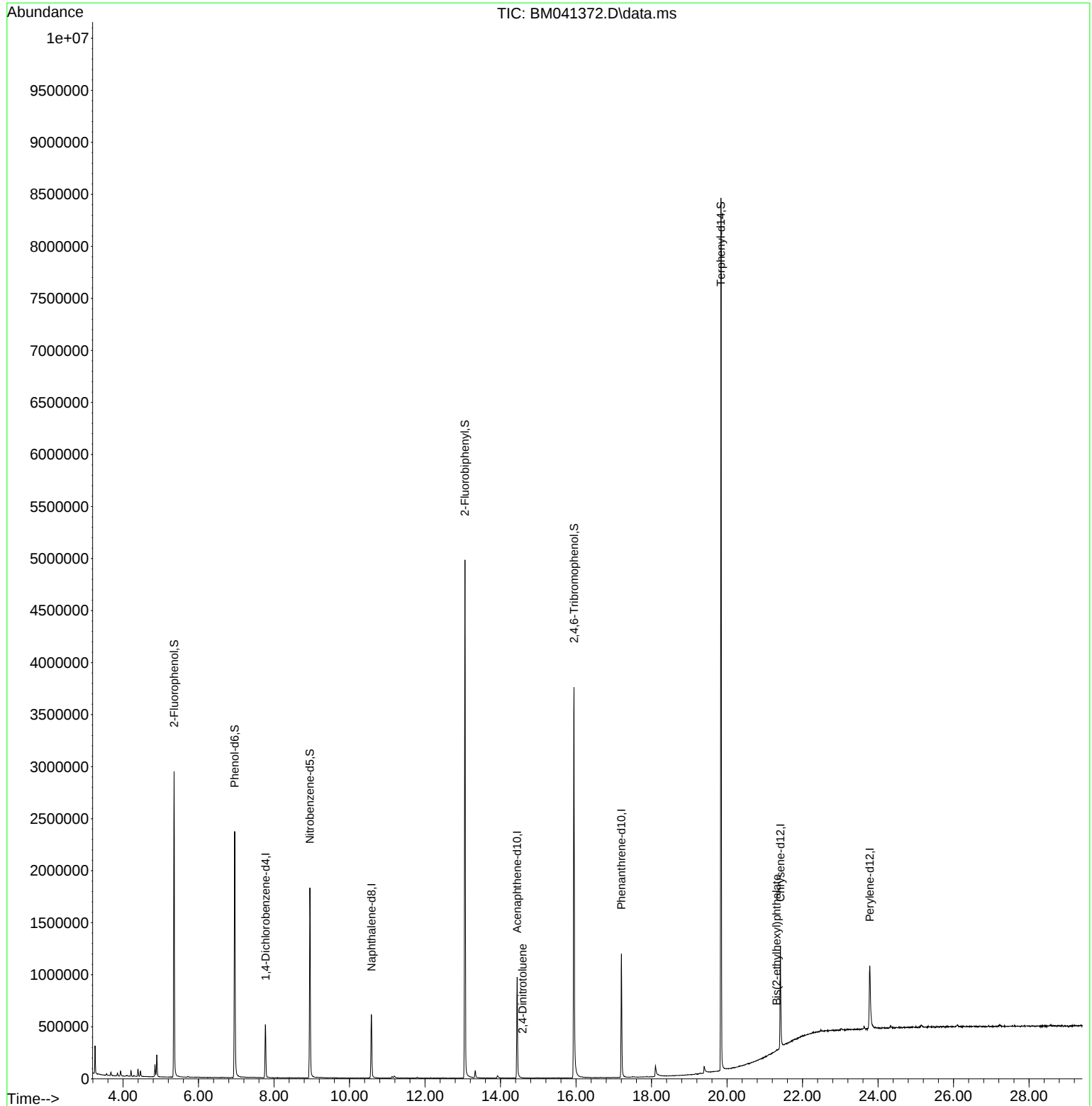
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.775	152	134358	20.000	ng	0.00
21) Naphthalene-d8	10.581	136	532103	20.000	ng	0.00
39) Acenaphthene-d10	14.439	164	347612	20.000	ng	0.00
64) Phenanthrene-d10	17.204	188	759814	20.000	ng	# 0.00
76) Chrysene-d12	21.415	240	555790	20.000	ng	0.00
86) Perylene-d12	23.780	264	608484	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.351	112	1148861	127.798	ng	0.00
7) Phenol-d6	6.957	99	1304139	111.917	ng	-0.01
23) Nitrobenzene-d5	8.951	82	1057666	92.438	ng	0.00
42) 2,4,6-Tribromophenol	15.945	330	758193	154.205	ng	0.00
45) 2-Fluorobiphenyl	13.057	172	2475264	89.953	ng	0.00
79) Terphenyl-d14	19.839	244	3909956	127.196	ng	-0.01
Target Compounds						
57) 2,4-Dinitrotoluene	14.586	165	65	2.678	ng	# 12
84) Bis(2-ethylhexyl)phtha...	21.315	149	3227	2.675	ng	# 88

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

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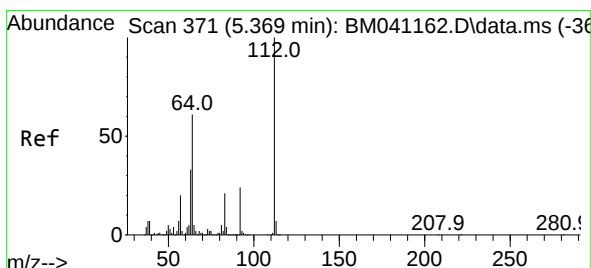
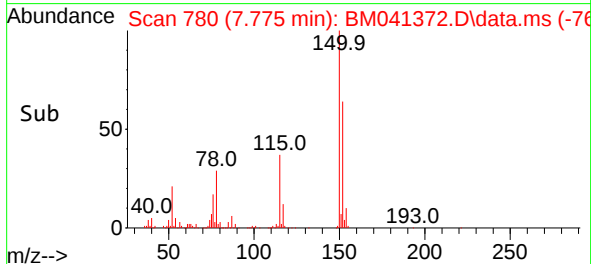
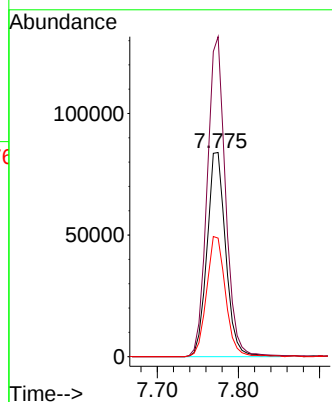
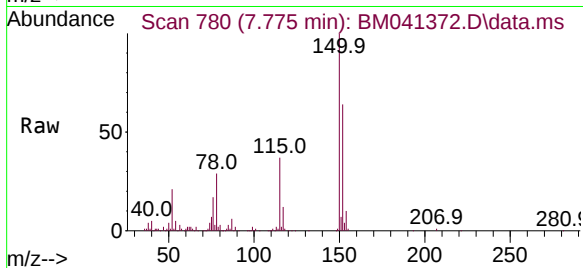




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.775 min Scan# 71
Delta R.T. -0.000 min
Lab File: BM041372.D
Acq: 10 Aug 2023 20:54

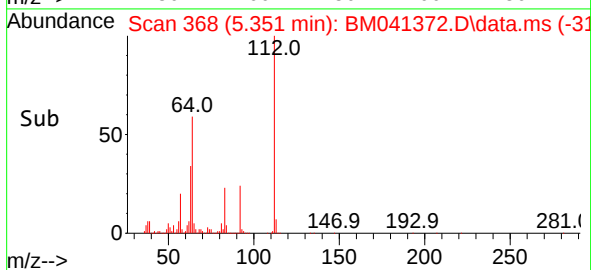
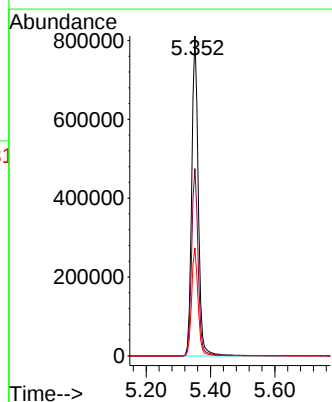
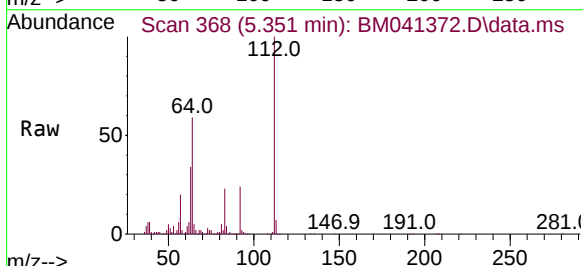
Instrument :
BNA_M
ClientSampleId :
WC-22

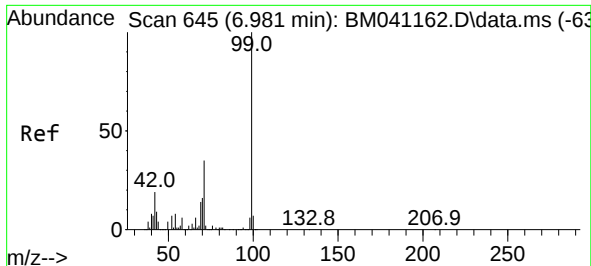
Tgt Ion:152 Resp: 134358
Ion Ratio Lower Upper
152 100
150 156.8 125.5 188.3
115 58.0 48.0 72.0



#5
2-Fluorophenol
Concen: 127.798 ng
RT: 5.351 min Scan# 368
Delta R.T. -0.006 min
Lab File: BM041372.D
Acq: 10 Aug 2023 20:54

Tgt Ion:112 Resp: 1148861
Ion Ratio Lower Upper
112 100
64 58.5 48.5 72.7
63 33.7 26.5 39.7

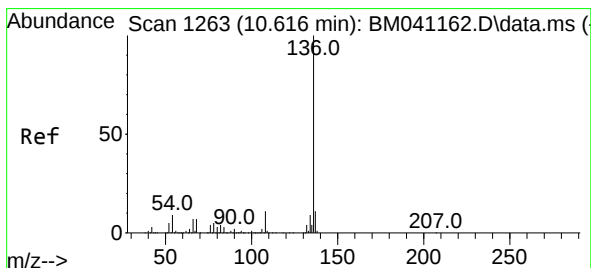
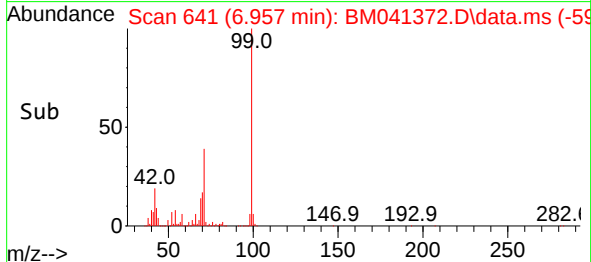
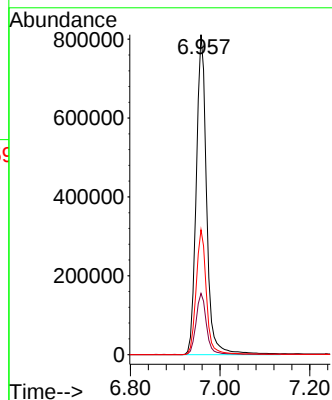
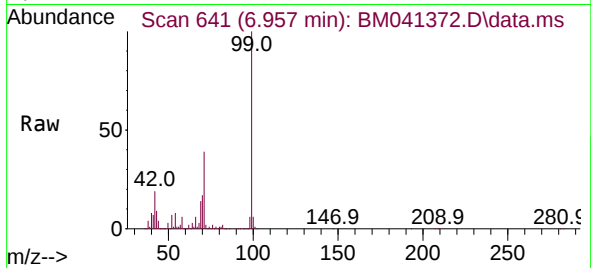




#7
Phenol-d6
Concen: 111.917 ng
RT: 6.957 min Scan# 64
Delta R.T. -0.012 min
Lab File: BM041372.D
Acq: 10 Aug 2023 20:54

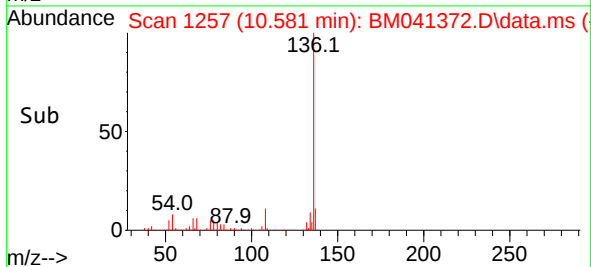
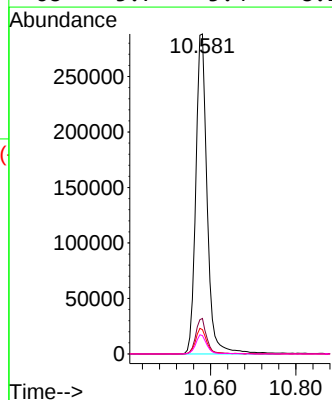
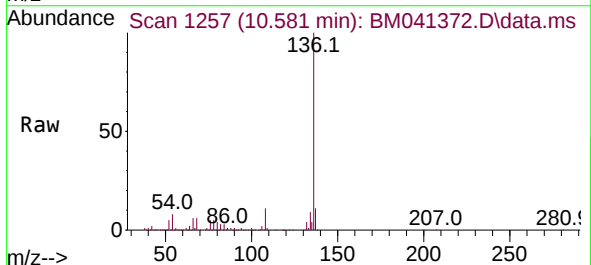
Instrument :
BNA_M
ClientSampleId :
WC-22

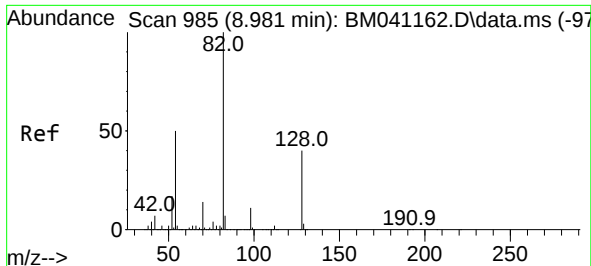
Tgt Ion: 99 Resp: 1304139
Ion Ratio Lower Upper
99 100
42 19.1 15.4 23.0
71 39.0 28.2 42.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.581 min Scan# 1257
Delta R.T. -0.006 min
Lab File: BM041372.D
Acq: 10 Aug 2023 20:54

Tgt Ion:136 Resp: 532103
Ion Ratio Lower Upper
136 100
137 11.1 8.8 13.2
54 7.6 6.9 10.3
68 5.7 5.4 8.2





#23

Nitrobenzene-d5

Concen: 92.438 ng

RT: 8.951 min Scan# 985

Delta R.T. -0.006 min

Lab File: BM041372.D

Acq: 10 Aug 2023 20:54

Instrument :

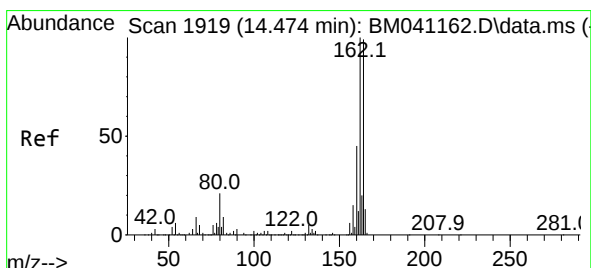
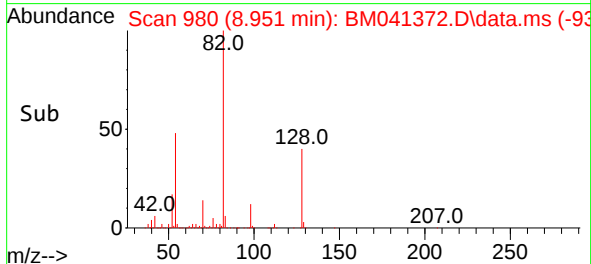
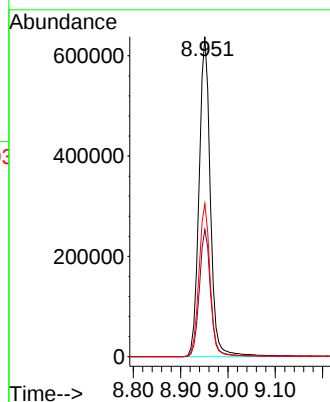
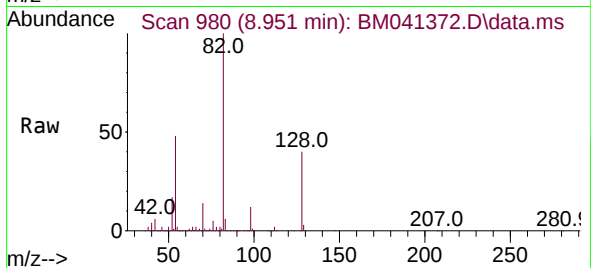
BNA_M

ClientSampleId :

WC-22

Tgt Ion: 82 Resp: 1057666

Ion	Ratio	Lower	Upper
82	100		
128	39.7	31.8	47.6
54	47.8	40.1	60.1



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.439 min Scan# 1913

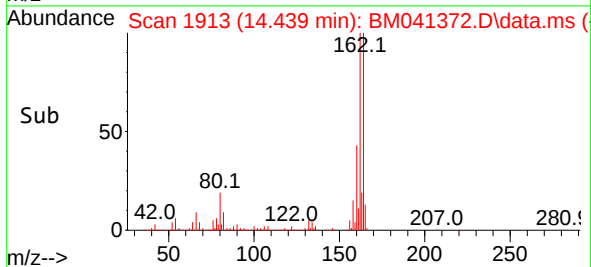
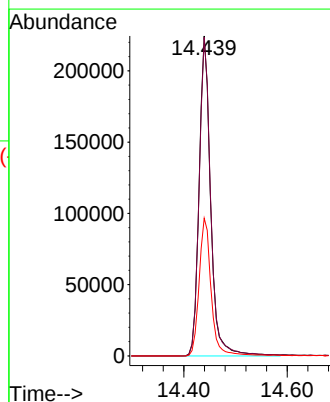
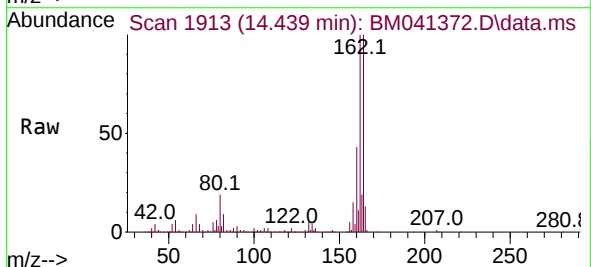
Delta R.T. -0.006 min

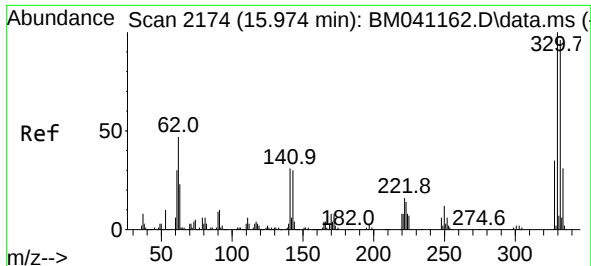
Lab File: BM041372.D

Acq: 10 Aug 2023 20:54

Tgt Ion:164 Resp: 347612

Ion	Ratio	Lower	Upper
164	100		
162	99.5	80.4	120.6
160	43.0	36.2	54.2

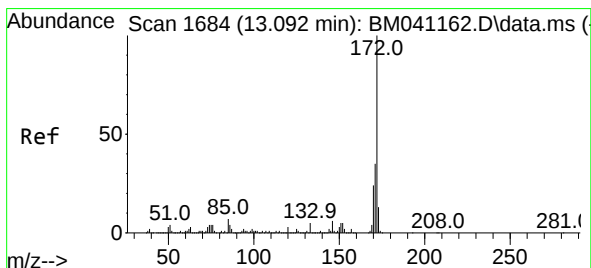
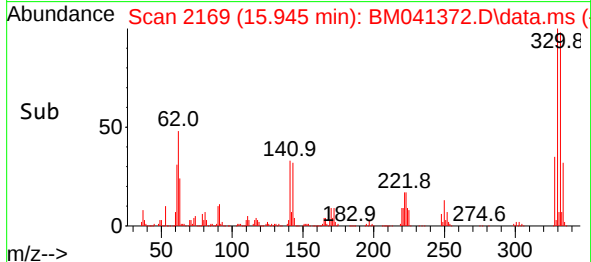
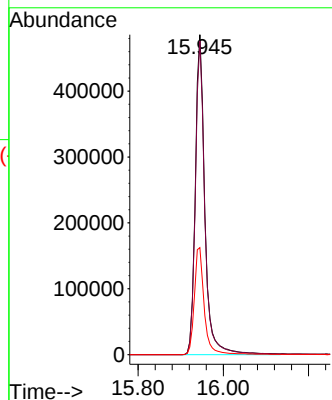
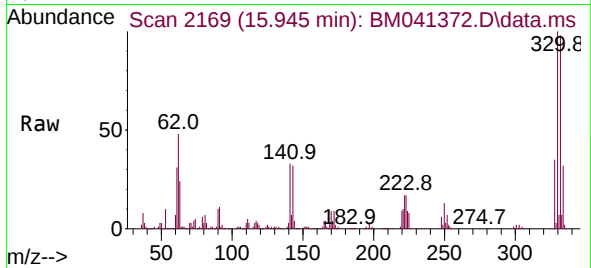




#42
2,4,6-Tribromophenol
Concen: 154.205 ng
RT: 15.945 min Scan# 2174
Delta R.T. -0.006 min
Lab File: BM041372.D
Acq: 10 Aug 2023 20:54

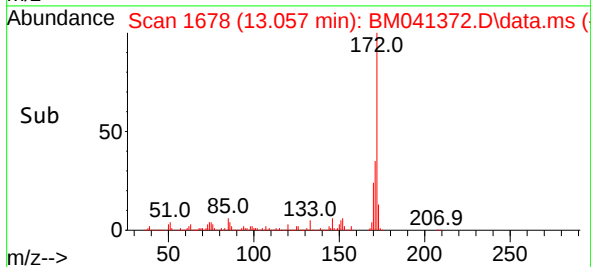
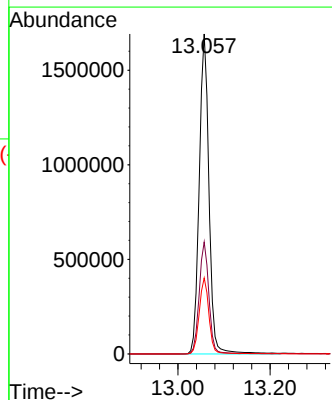
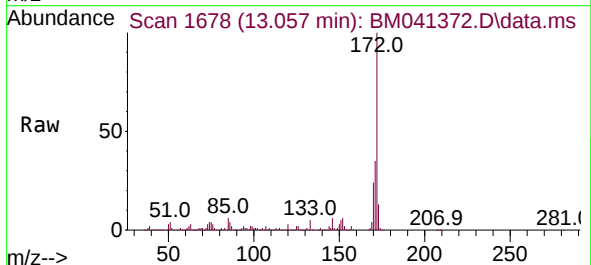
Instrument :
BNA_M
ClientSampleId :
WC-22

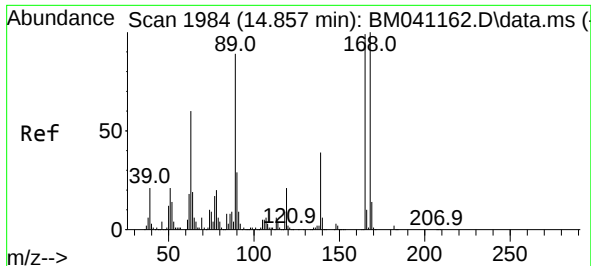
Tgt Ion:330 Resp: 758193
Ion Ratio Lower Upper
330 100
332 97.3 77.7 116.5
141 34.6 28.3 42.5



#45
2-Fluorobiphenyl
Concen: 89.953 ng
RT: 13.057 min Scan# 1678
Delta R.T. -0.006 min
Lab File: BM041372.D
Acq: 10 Aug 2023 20:54

Tgt Ion:172 Resp: 2475264
Ion Ratio Lower Upper
172 100
171 35.0 28.1 42.1
170 23.7 18.9 28.3





#57

2,4-Dinitrotoluene

Concen: 2.678 ng

RT: 14.586 min Scan# 19

Delta R.T. -0.259 min

Lab File: BM041372.D

Acq: 10 Aug 2023 20:54

Instrument :

BNA_M

ClientSampleId :

WC-22

Tgt Ion:165 Resp: 65

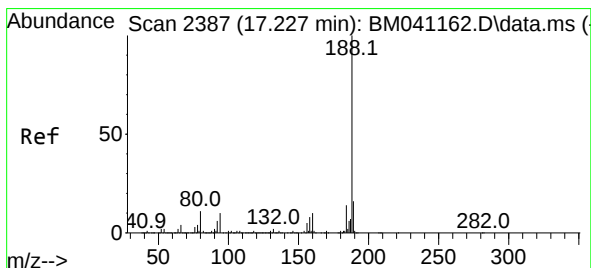
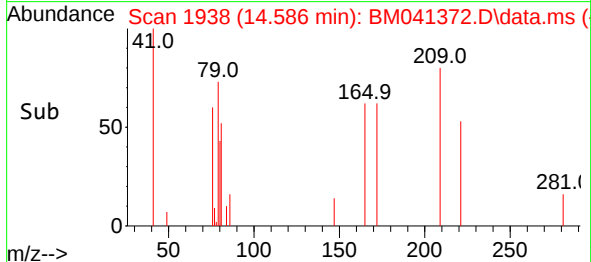
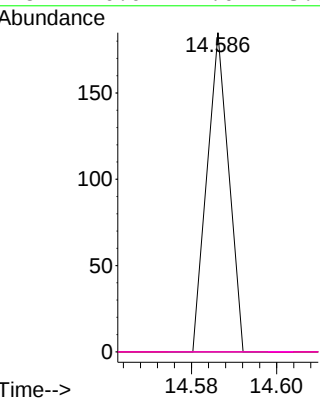
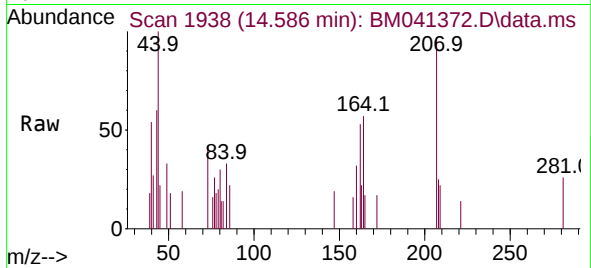
Ion Ratio Lower Upper

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: 17.204 min Scan# 2383

Delta R.T. -0.006 min

Lab File: BM041372.D

Acq: 10 Aug 2023 20:54

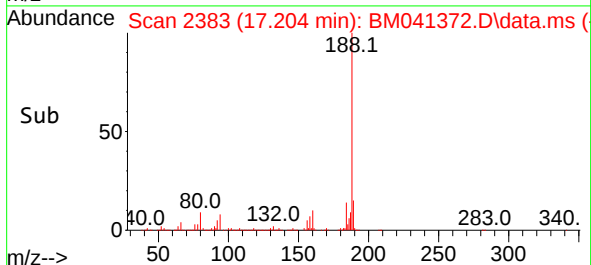
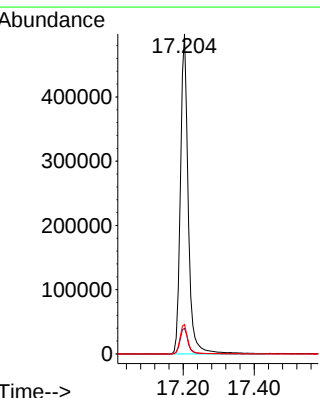
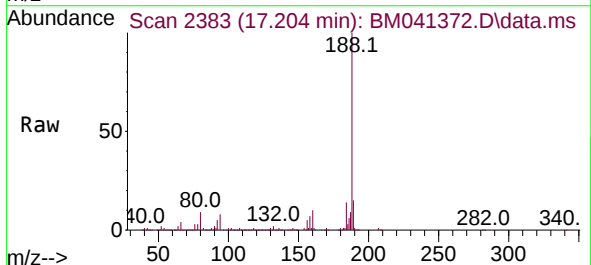
Tgt Ion:188 Resp: 759814

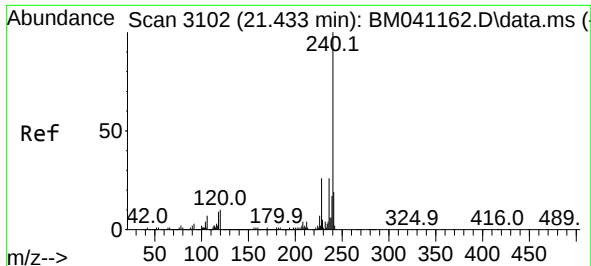
Ion Ratio Lower Upper

188 100

94 8.0 8.2 12.2#

80 9.2 8.6 13.0

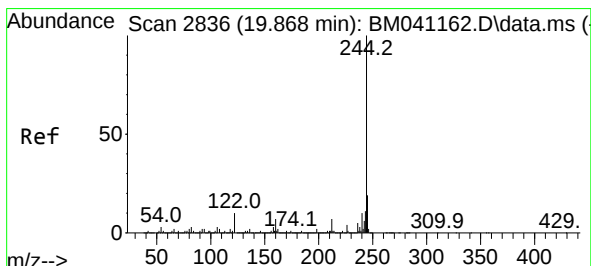
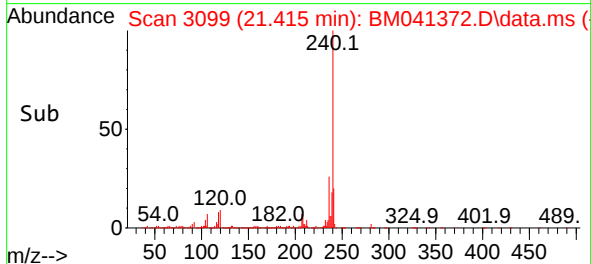
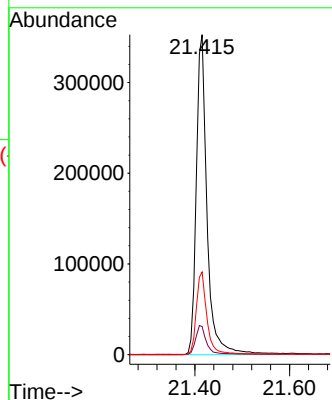
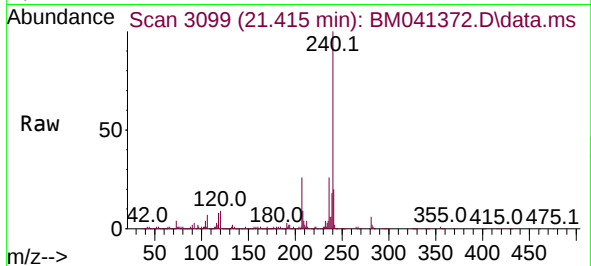




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.415 min Scan# 30
Delta R.T. -0.000 min
Lab File: BM041372.D
Acq: 10 Aug 2023 20:54

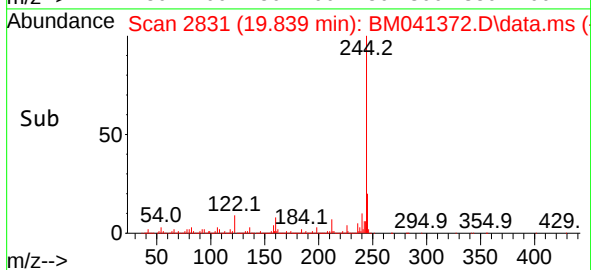
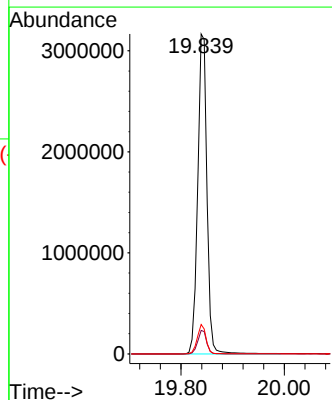
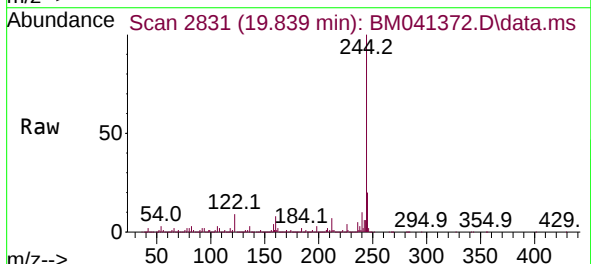
Instrument :
BNA_M
ClientSampleId :
WC-22

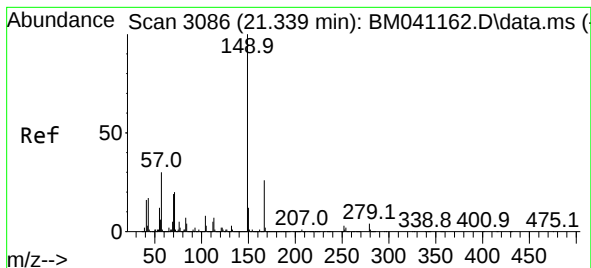
Tgt Ion:240 Resp: 555790
Ion Ratio Lower Upper
240 100
120 8.8 8.3 12.5
236 25.8 20.6 30.8



#79
Terphenyl-d14
Concen: 127.196 ng
RT: 19.839 min Scan# 2831
Delta R.T. -0.012 min
Lab File: BM041372.D
Acq: 10 Aug 2023 20:54

Tgt Ion:244 Resp: 3909956
Ion Ratio Lower Upper
244 100
212 7.3 5.4 8.2
122 9.2 7.8 11.6





#84

Bis(2-ethylhexyl)phthalate

Concen: 2.675 ng

RT: 21.315 min Scan# 30

Delta R.T. -0.006 min

Lab File: BM041372.D

Acq: 10 Aug 2023 20:54

Instrument :

BNA_M

ClientSampleId :

WC-22

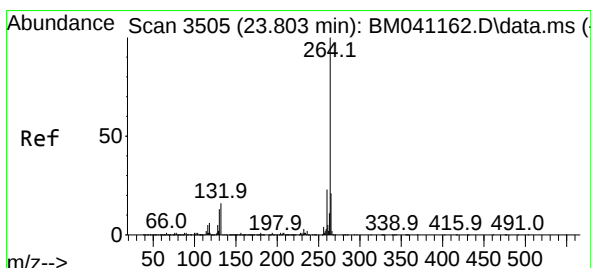
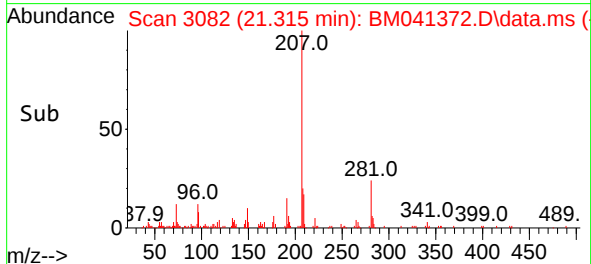
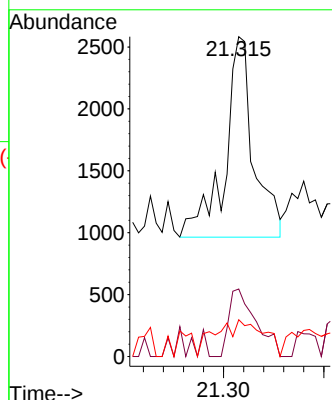
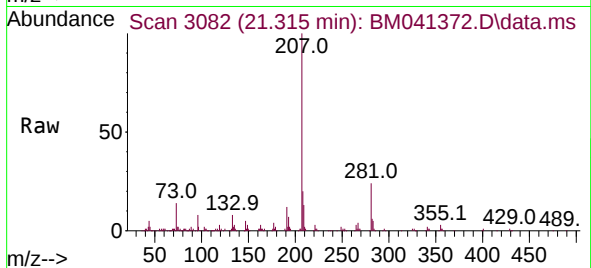
Tgt Ion:149 Resp: 3227

Ion Ratio Lower Upper

149 100

167 21.1 21.0 31.6

279 11.5 3.1 4.7#



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.780 min Scan# 3501

Delta R.T. -0.000 min

Lab File: BM041372.D

Acq: 10 Aug 2023 20:54

Tgt Ion:264 Resp: 608484

Ion Ratio Lower Upper

264 100

260 23.0 18.5 27.7

265 23.0 17.4 26.0

