

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082923\
 Data File : BM041582.D
 Acq On : 30 Aug 2023 16:27
 Operator : MA/JU
 Sample : 04134-02RE
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DCHJ0RE

Quant Time: Aug 31 02:17:53 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM082923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 30 01:50:06 2023
 Response via : Initial Calibration

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

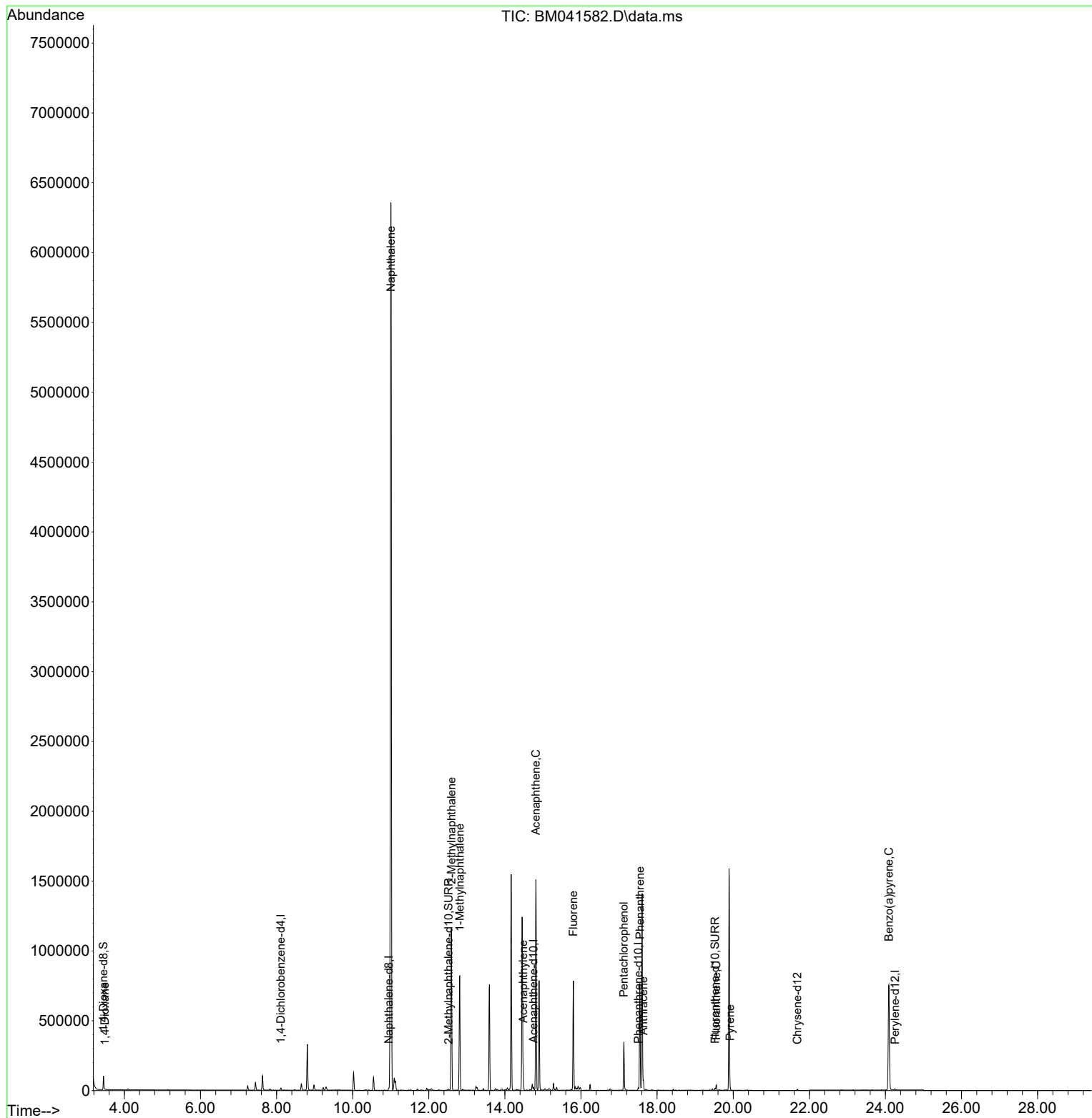
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.114	152	7780	0.400	ng/ul	0.00
4) Naphthalene-d8	10.950	136	20191	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.754	164	10971	0.400	ng/ul	# 0.00
13) Phenanthrene-d10	17.506	188	18920	0.400	ng/ul	0.00
17) Chrysene-d12	21.688	240	7293	0.400	ng/ul	0.00
23) Perylene-d12	24.251	264	8815	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.452	96	55157	4.804	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.522	152	8849	0.363	ng/ul	0.00
18) Fluoranthene-d10	19.524	212	13198	0.367	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.490	88	401	0.033	ng/ul#	45
5) Naphthalene	11.005	128	10146529	157.178	ng/ul	99
7) 2-Methylnaphthalene	12.594	142	770362	21.039	ng/ul	100
8) 1-Methylnaphthalene	12.814	142	553238	14.951	ng/ul	100
10) Acenaphthylene	14.481	152	150650	1.970	ng/ul	99
11) Acenaphthene	14.814	153	859033	16.285	ng/ul	98
12) Fluorene	15.799	166	476188	8.294	ng/ul	96
14) Pentachlorophenol	17.126	266	209063	28.754	ng/ul	99
15) Phenanthrene	17.548	178	801214	9.699	ng/ul	100
16) Anthracene	17.641	178	69647	0.970	ng/ul	98
19) Fluoranthene	19.557	202	32489	0.340	ng/ul	100
20) Pyrene	19.919	202	16795	0.175	ng/ul#	90
26) Benzo(a)pyrene	24.088	252	7975	0.109	ng/ul#	61

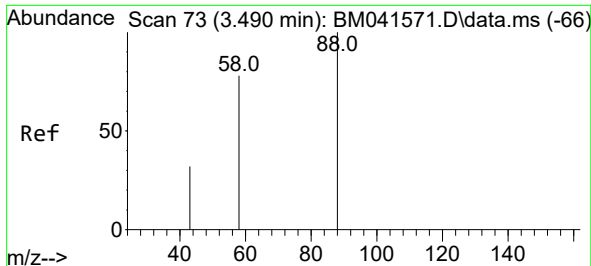
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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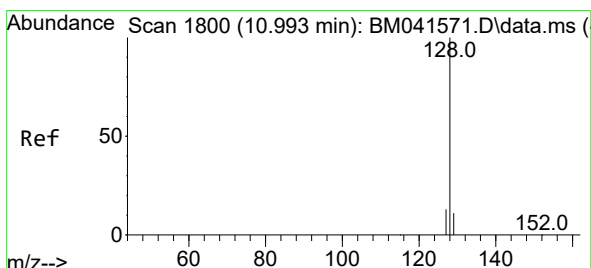
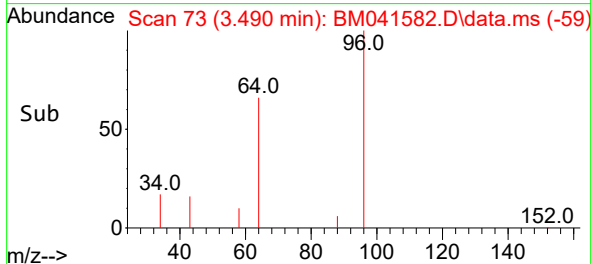
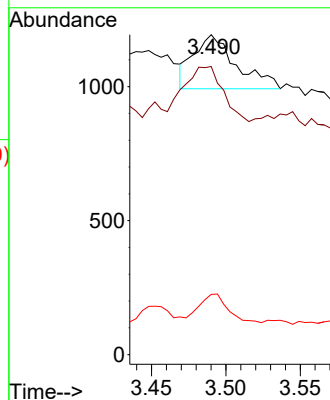
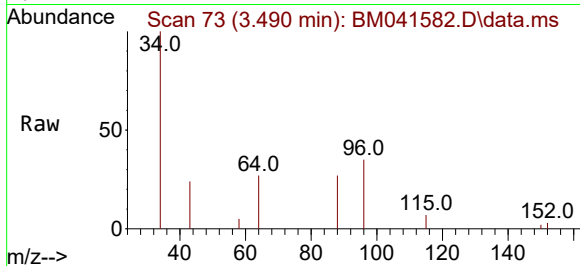




#2
1,4-Dioxane
Concen: 0.033 ng/ul
RT: 3.490 min Scan# 71
Delta R.T. 0.000 min
Lab File: BM041582.D
Acq: 30 Aug 2023 16:27

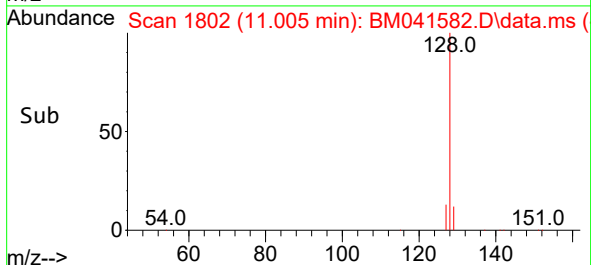
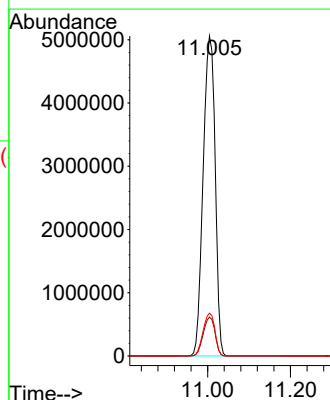
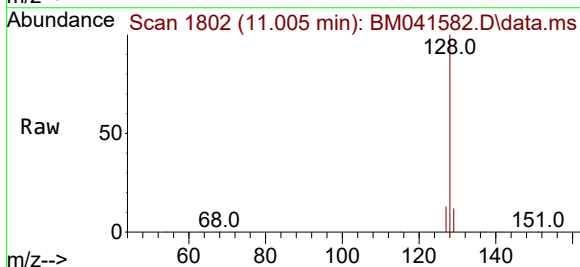
Instrument :
BNA_M
ClientSampleId :
DCHJ0RE

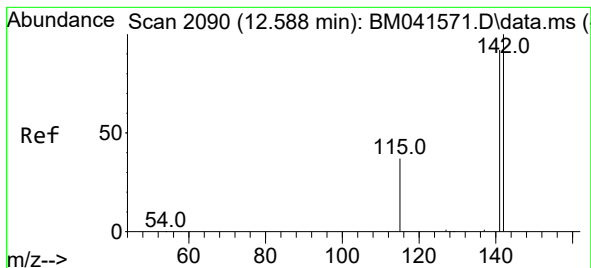
Tgt Ion: 88 Resp: 401
Ion Ratio Lower Upper
88 100
43 90.0 46.2 69.2#
58 18.8 58.1 87.1#



#5
Naphthalene
Concen: 157.178 ng/ul
RT: 11.005 min Scan# 1802
Delta R.T. 0.006 min
Lab File: BM041582.D
Acq: 30 Aug 2023 16:27

Tgt Ion: 128 Resp: 10146529
Ion Ratio Lower Upper
128 100
129 12.2 9.1 13.7
127 13.4 10.6 15.8

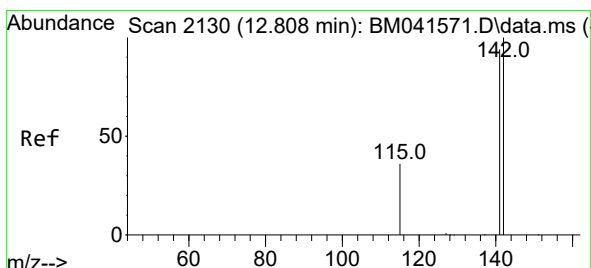
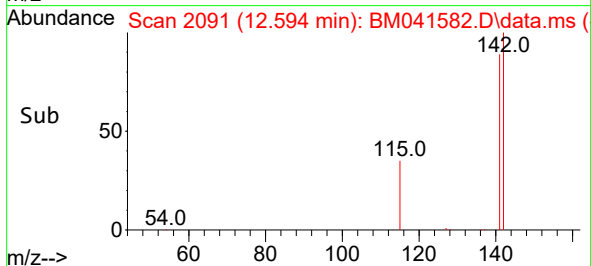
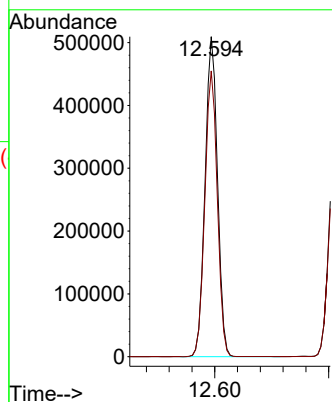
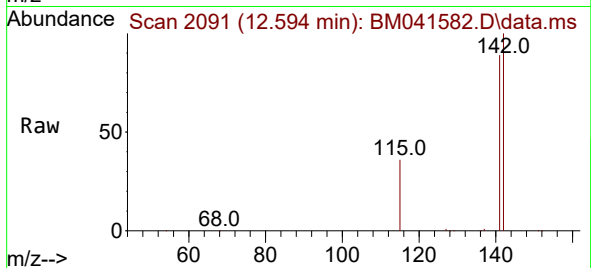




#7
2-Methylnaphthalene
Concen: 21.039 ng/ul
RT: 12.594 min Scan# 2091
Delta R.T. 0.000 min
Lab File: BM041582.D
Acq: 30 Aug 2023 16:27

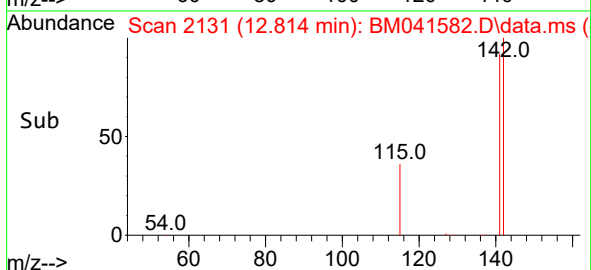
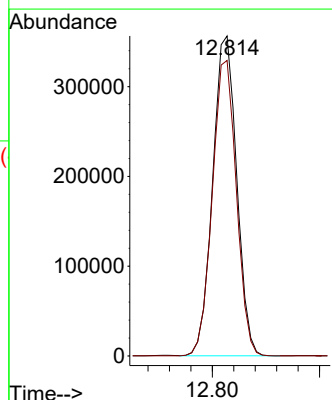
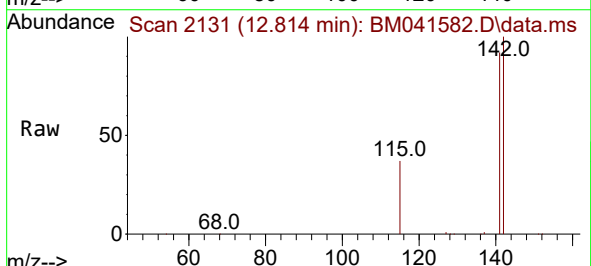
Instrument :
BNA_M
ClientSampleId :
DCHJ0RE

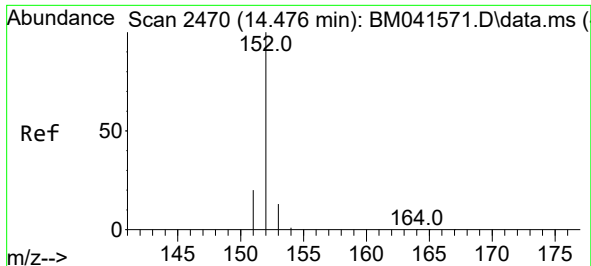
Tgt Ion:142 Resp: 770362
Ion Ratio Lower Upper
142 100
141 89.4 71.8 107.8



#8
1-Methylnaphthalene
Concen: 14.951 ng/ul
RT: 12.814 min Scan# 2131
Delta R.T. 0.000 min
Lab File: BM041582.D
Acq: 30 Aug 2023 16:27

Tgt Ion:142 Resp: 553238
Ion Ratio Lower Upper
142 100
141 92.8 74.2 111.2

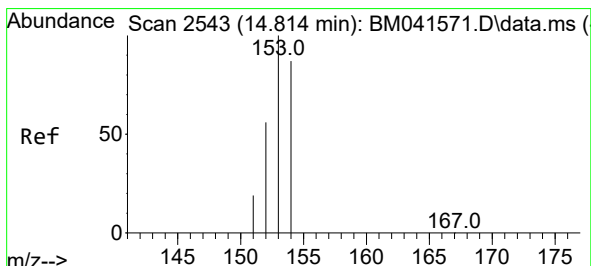
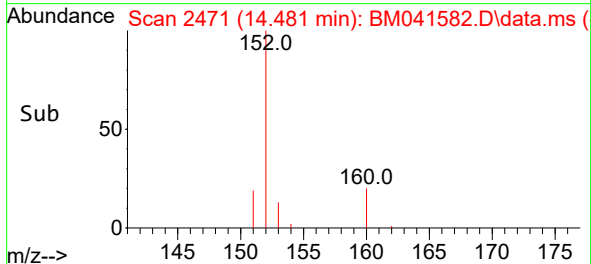
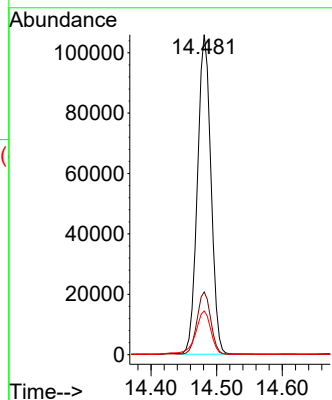
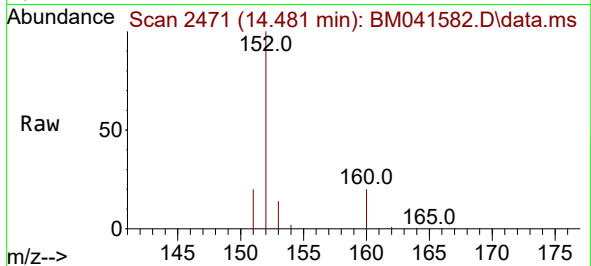




#10
Acenaphthylene
Concen: 1.970 ng/ul
RT: 14.481 min Scan# 2470
Delta R.T. 0.000 min
Lab File: BM041582.D
Acq: 30 Aug 2023 16:27

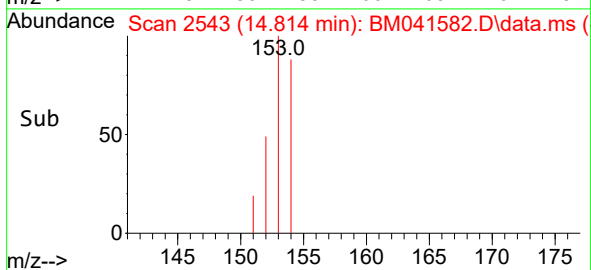
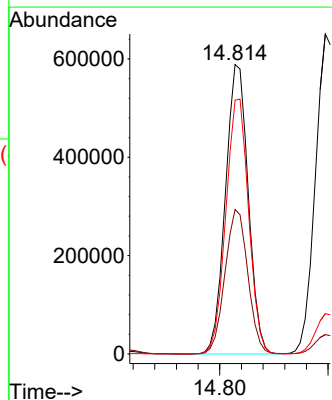
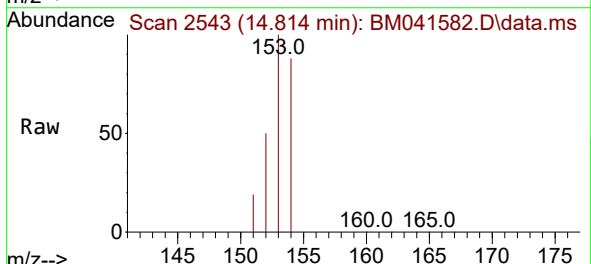
Instrument :
BNA_M
ClientSampleId :
DCHJ0RE

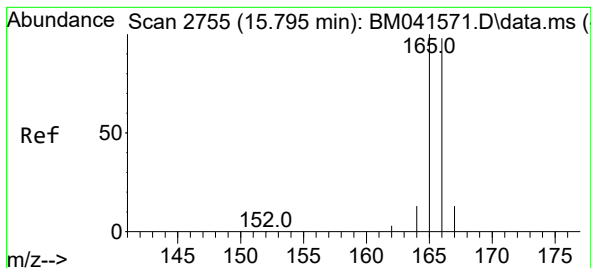
Tgt Ion:152 Resp: 150650
Ion Ratio Lower Upper
152 100
151 19.6 15.9 23.9
153 13.7 10.6 15.8



#11
Acenaphthene
Concen: 16.285 ng/ul
RT: 14.814 min Scan# 2543
Delta R.T. -0.005 min
Lab File: BM041582.D
Acq: 30 Aug 2023 16:27

Tgt Ion:153 Resp: 859033
Ion Ratio Lower Upper
153 100
152 49.9 43.4 65.2
154 87.7 70.2 105.2





#12

Fluorene

Concen: 8.294 ng/ul

RT: 15.799 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM041582.D

Acq: 30 Aug 2023 16:27

Instrument :

BNA_M

ClientSampleId :

DCHJ0RE

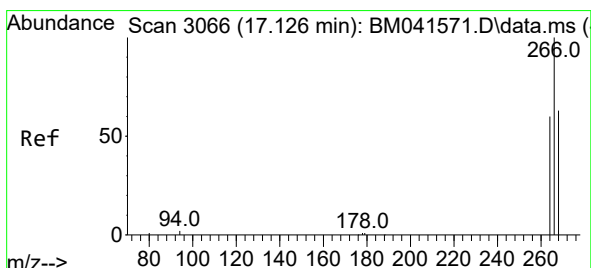
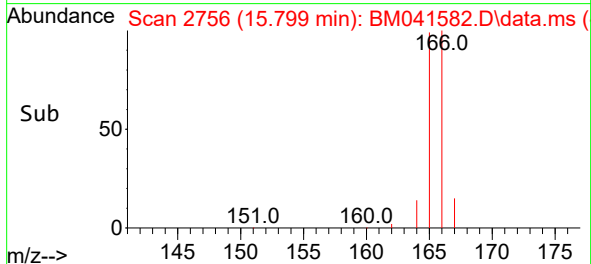
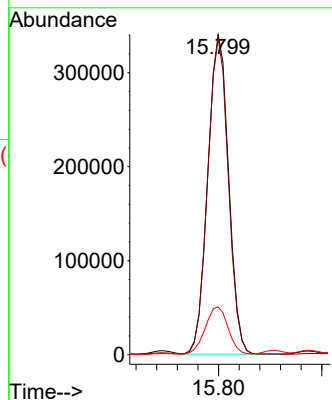
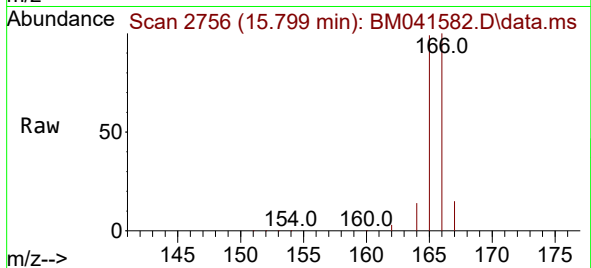
Tgt Ion:166 Resp: 476188

Ion Ratio Lower Upper

166 100

165 98.7 82.2 123.2

167 15.0 11.5 17.3



#14

Pentachlorophenol

Concen: 28.754 ng/ul

RT: 17.126 min Scan# 3066

Delta R.T. 0.000 min

Lab File: BM041582.D

Acq: 30 Aug 2023 16:27

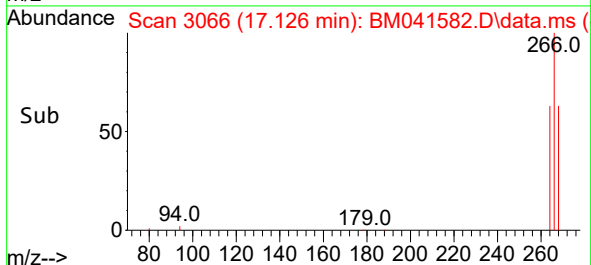
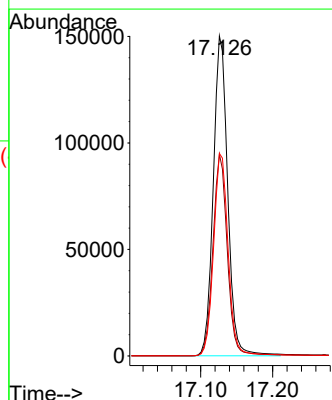
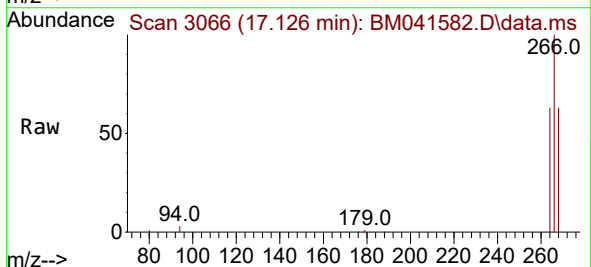
Tgt Ion:266 Resp: 209063

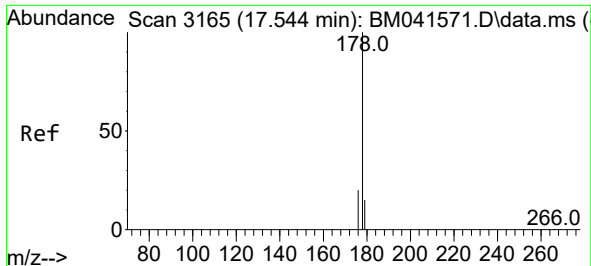
Ion Ratio Lower Upper

266 100

264 62.7 49.3 73.9

268 63.9 50.2 75.4

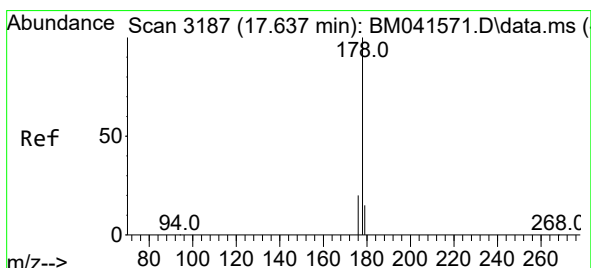
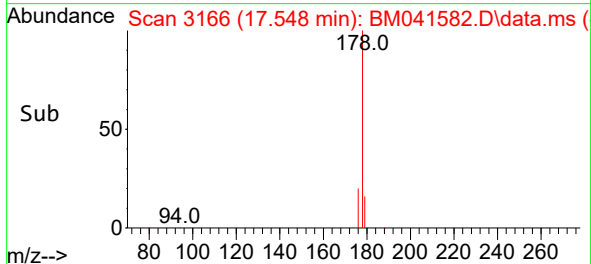
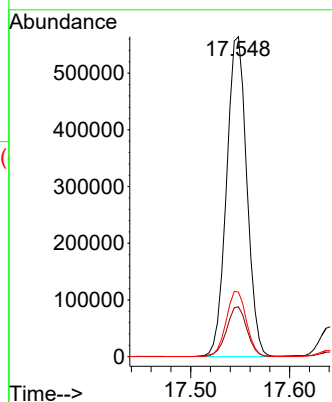
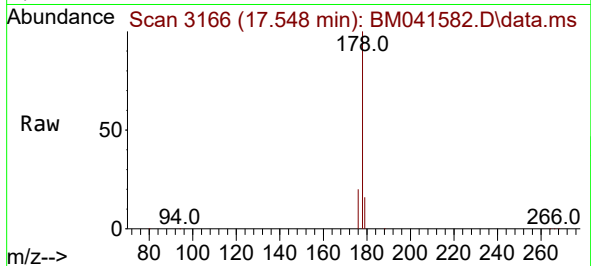




#15
Phenanthrene
Concen: 9.699 ng/ul
RT: 17.548 min Scan# 3165
Delta R.T. 0.000 min
Lab File: BM041582.D
Acq: 30 Aug 2023 16:27

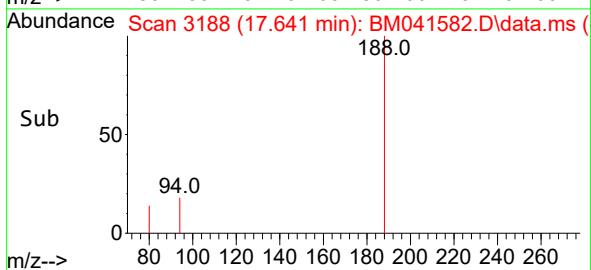
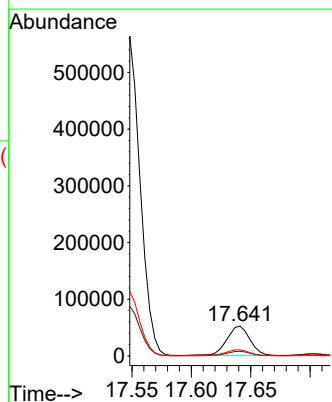
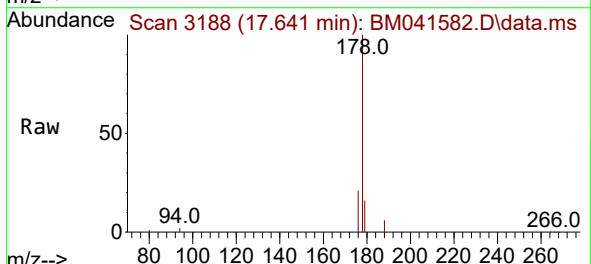
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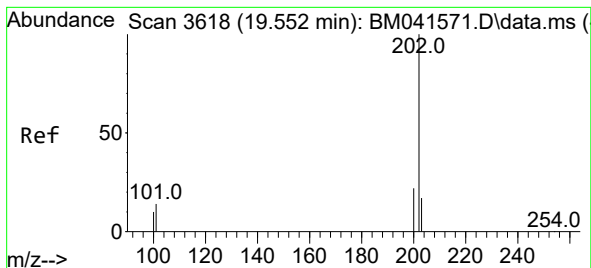
Tgt Ion:178 Resp: 801214
Ion Ratio Lower Upper
178 100
179 15.6 12.6 19.0
176 20.2 16.2 24.4



#16
Anthracene
Concen: 0.970 ng/ul
RT: 17.641 min Scan# 3188
Delta R.T. 0.000 min
Lab File: BM041582.D
Acq: 30 Aug 2023 16:27

Tgt Ion:178 Resp: 69647
Ion Ratio Lower Upper
178 100
179 15.7 12.9 19.3
176 20.6 15.6 23.4





#19

Fluoranthene

Concen: 0.340 ng/ul

RT: 19.557 min Scan# 3

Delta R.T. 0.000 min

Lab File: BM041582.D

Acq: 30 Aug 2023 16:27

Instrument :

BNA_M

ClientSampleId :

DCHJ0RE

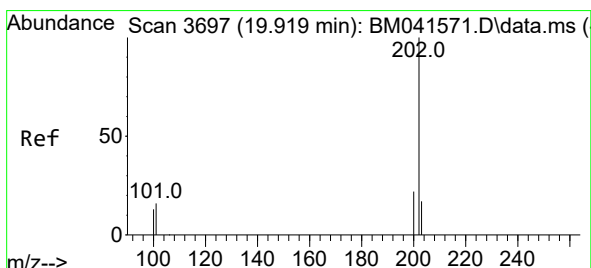
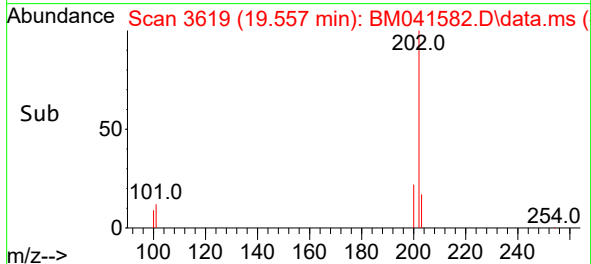
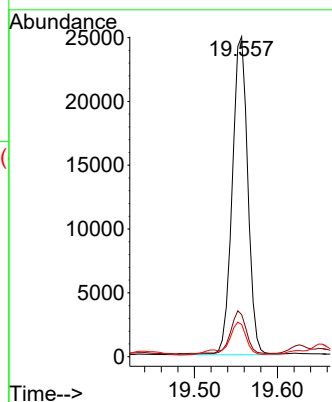
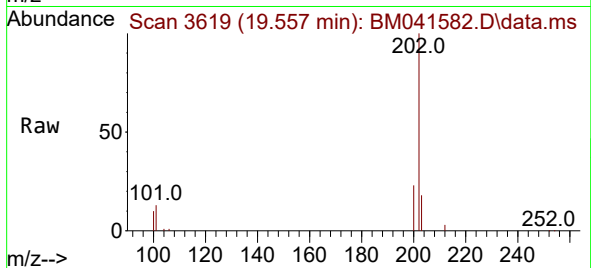
Tgt Ion:202 Resp: 32489

Ion Ratio Lower Upper

202 100

101 13.2 10.7 16.1

100 10.0 8.1 12.1



#20

Pyrene

Concen: 0.175 ng/ul

RT: 19.919 min Scan# 3697

Delta R.T. -0.005 min

Lab File: BM041582.D

Acq: 30 Aug 2023 16:27

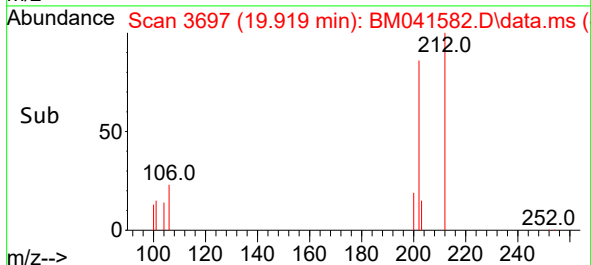
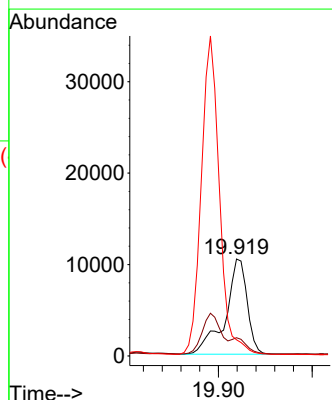
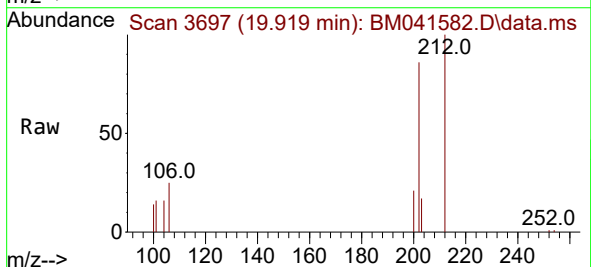
Tgt Ion:202 Resp: 16795

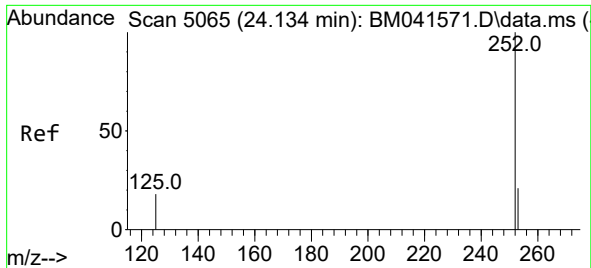
Ion Ratio Lower Upper

202 100

101 18.8 12.2 18.4#

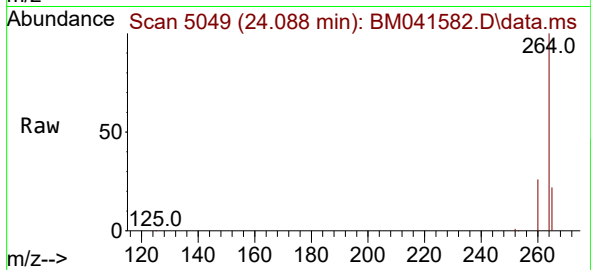
100 16.7 9.8 14.8#





#26
 Benzo(a)pyrene
 Concen: 0.109 ng/ul
 RT: 24.088 min Scan# 50
 Delta R.T. -0.050 min
 Lab File: BM041582.D
 Acq: 30 Aug 2023 16:27

Instrument :
 BNA_M
 ClientSampleId :
 DCHJ0RE



Tgt Ion:252 Resp: 7975
 Ion Ratio Lower Upper
 252 100
 253 39.5 20.9 31.3#
 125 52.5 21.1 31.7#

