

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021424\
 Data File : BM044089.D
 Acq On : 14 Feb 2024 19:02
 Operator : MA/JU
 Sample : P1453-04
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 TP-3

Quant Time: Feb 15 01:03:45 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM020824.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 09 02:42:01 2024
 Response via : Initial Calibration

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

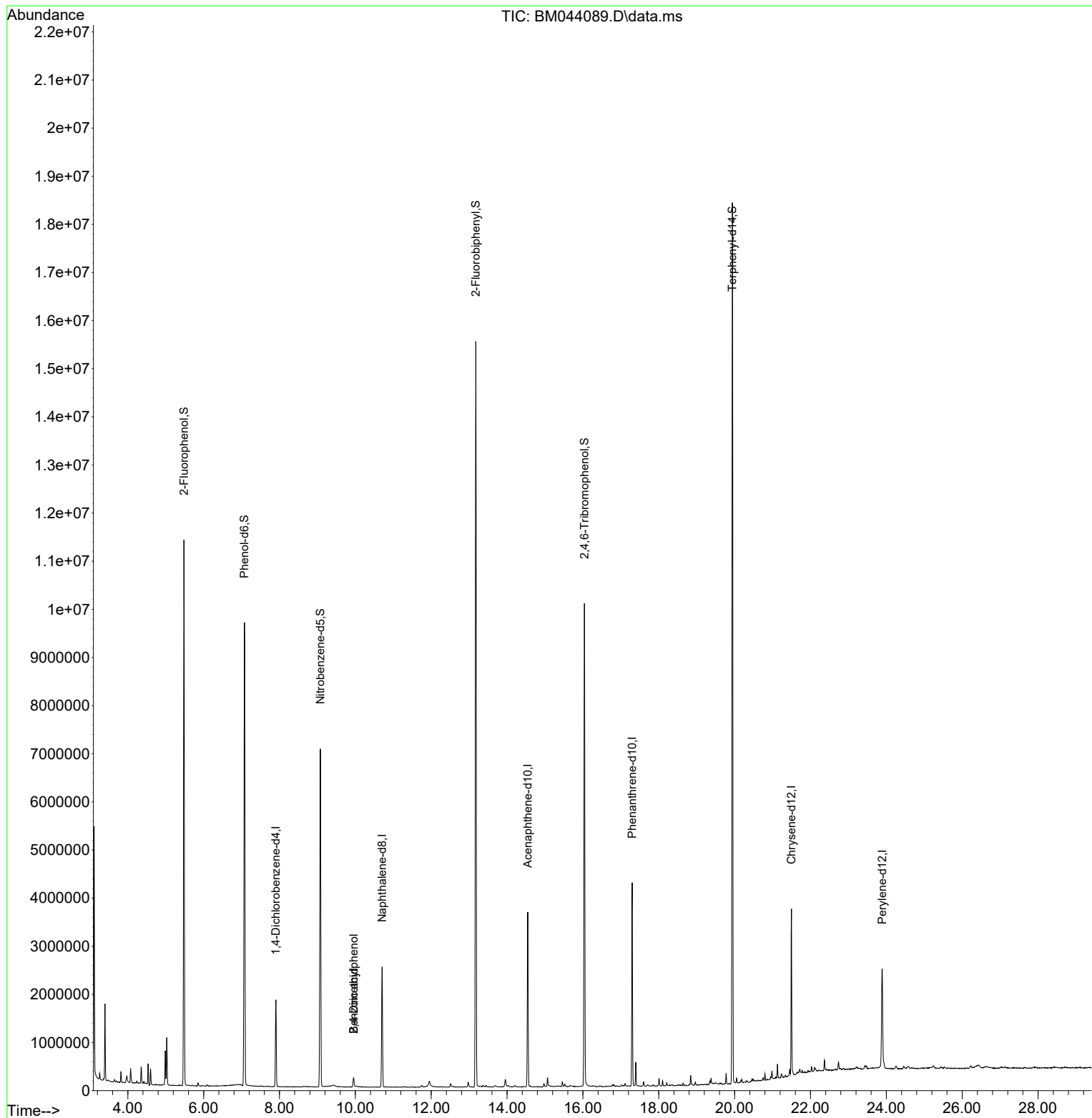
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.904	152	491659	20.000	ng	0.00
21) Naphthalene-d8	10.704	136	2111187	20.000	ng	-0.01
39) Acenaphthene-d10	14.545	164	1243682	20.000	ng	-0.01
64) Phenanthrene-d10	17.298	188	2460147	20.000	ng	0.00
76) Chrysene-d12	21.497	240	1549899	20.000	ng	0.00
86) Perylene-d12	23.891	264	1562424	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	5213976	154.241	ng	0.00
7) Phenol-d6	7.075	99	6114077	142.153	ng	0.00
23) Nitrobenzene-d5	9.075	82	4206550	105.730	ng	0.00
42) 2,4,6-Tribromophenol	16.039	330	1800472	133.708	ng	0.00
45) 2-Fluorobiphenyl	13.174	172	8355818	94.821	ng	0.00
79) Terphenyl-d14	19.939	244	9627434	108.892	ng	0.00
Target Compounds						
27) 2,4-Dimethylphenol	9.957	122	90051	3.728	ng	Qvalue # 6
32) Benzoic acid	9.957	122	90051	3.701	ng	98

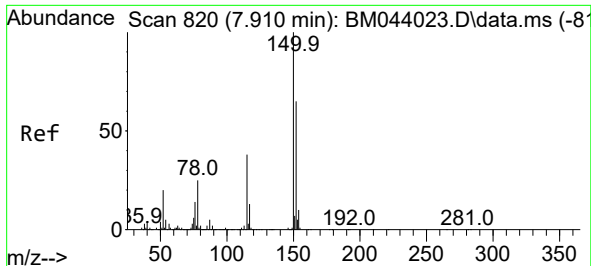
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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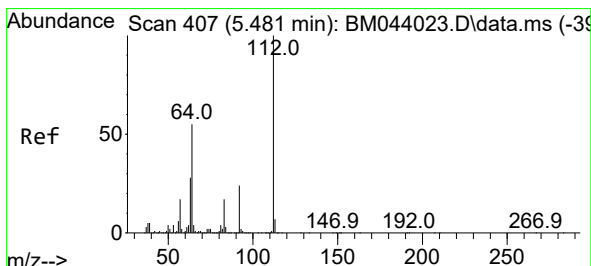
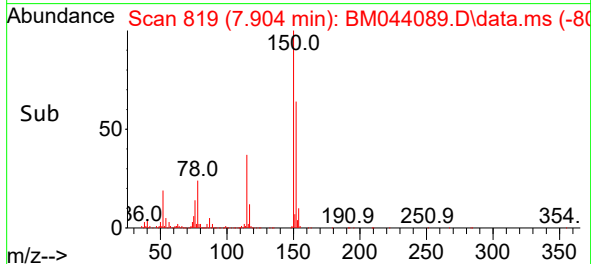
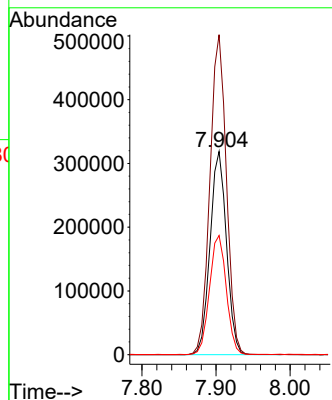
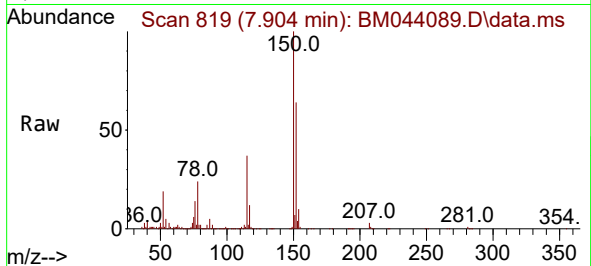




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.904 min Scan# 81
Delta R.T. -0.006 min
Lab File: BM044089.D
Acq: 14 Feb 2024 19:02

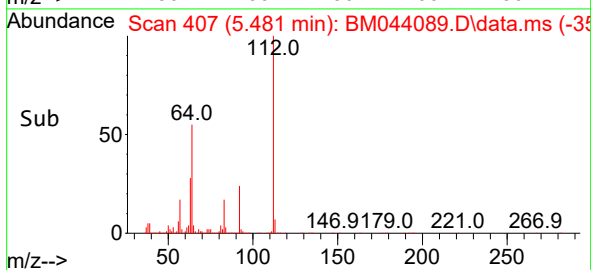
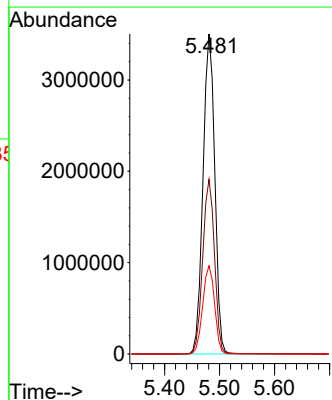
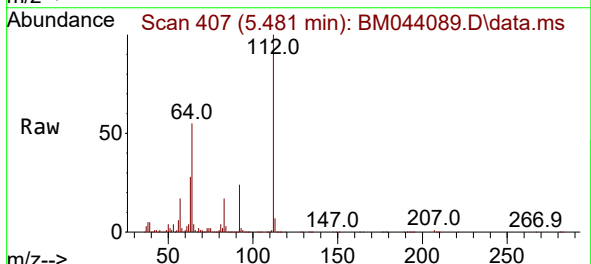
Instrument :
BNA_M
ClientSampleId :
TP-3

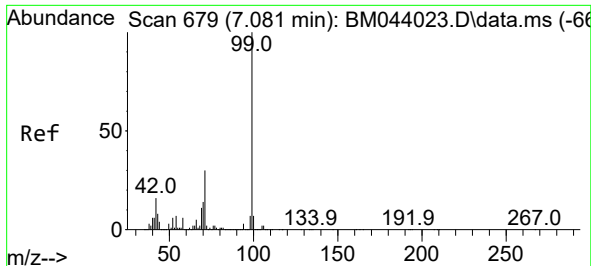
Tgt Ion:152 Resp: 491659
Ion Ratio Lower Upper
152 100
150 157.4 122.7 184.1
115 58.7 47.0 70.6



#5
2-Fluorophenol
Concen: 154.241 ng
RT: 5.481 min Scan# 407
Delta R.T. -0.000 min
Lab File: BM044089.D
Acq: 14 Feb 2024 19:02

Tgt Ion:112 Resp: 5213976
Ion Ratio Lower Upper
112 100
64 54.6 44.2 66.4
63 27.6 22.6 34.0



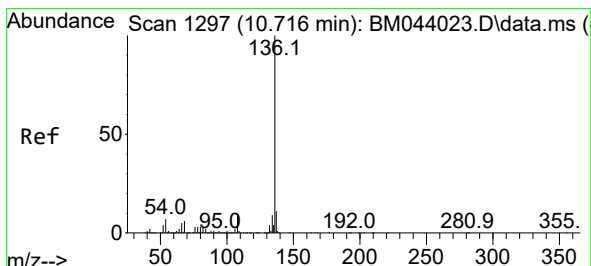
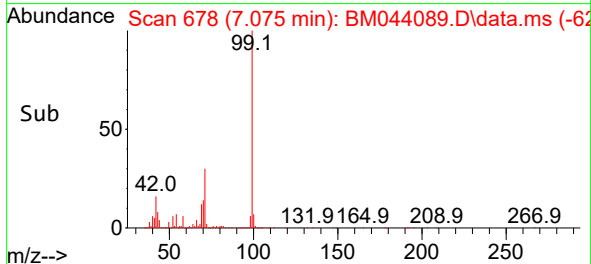
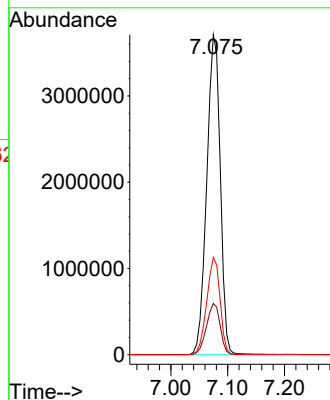
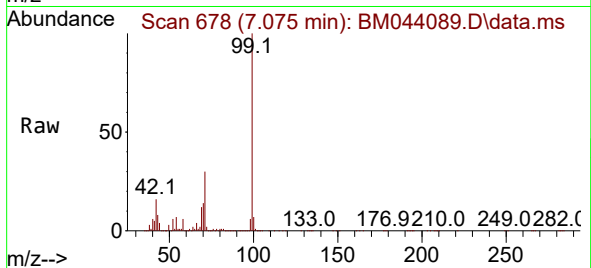


#7
Phenol-d6
Concen: 142.153 ng
RT: 7.075 min Scan# 611
Delta R.T. -0.006 min
Lab File: BM044089.D
Acq: 14 Feb 2024 19:02

Instrument :
BNA_M
ClientSampleId :
TP-3

Tgt Ion: 99 Resp: 6114077

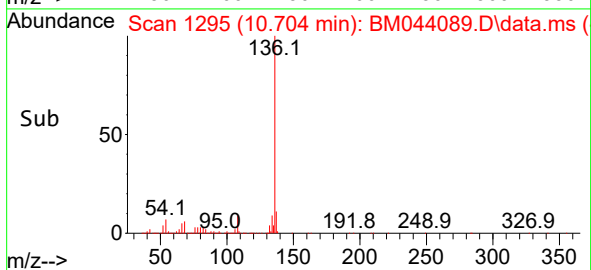
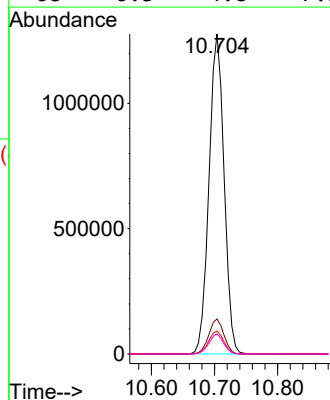
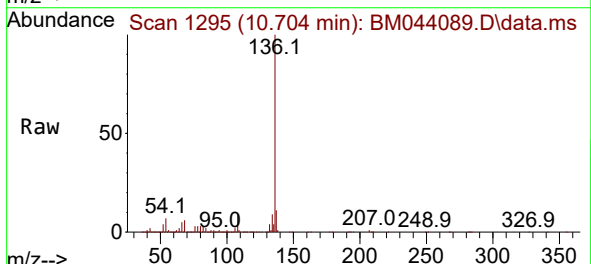
Ion	Ratio	Lower	Upper
99	100		
42	16.0	12.9	19.3
71	30.3	23.9	35.9

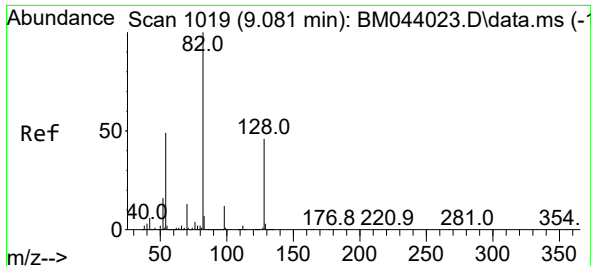


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.704 min Scan# 1295
Delta R.T. -0.012 min
Lab File: BM044089.D
Acq: 14 Feb 2024 19:02

Tgt Ion:136 Resp: 2111187

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	7.1	5.9	8.9
68	6.3	4.8	7.2





#23

Nitrobenzene-d5

Concen: 105.730 ng

RT: 9.075 min Scan# 1168

Delta R.T. -0.006 min

Lab File: BM044089.D

Acq: 14 Feb 2024 19:02

Instrument :

BNA_M

ClientSampleId :

TP-3

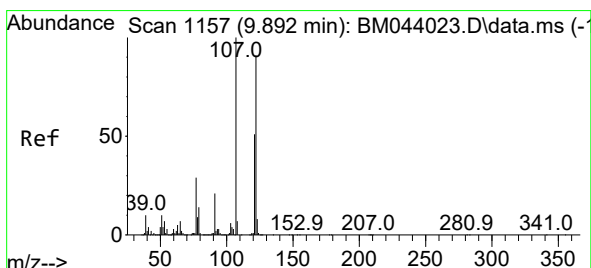
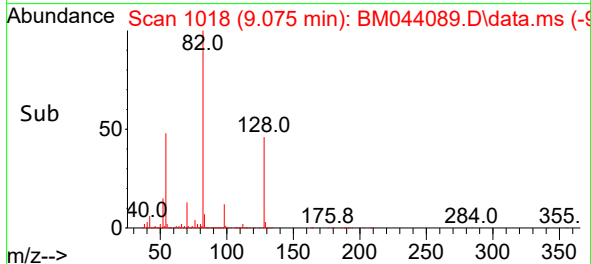
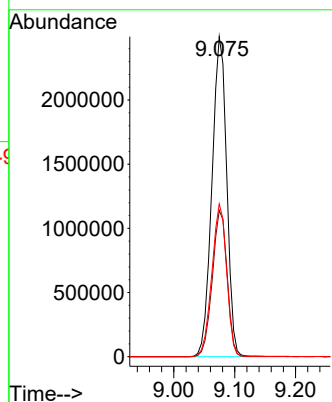
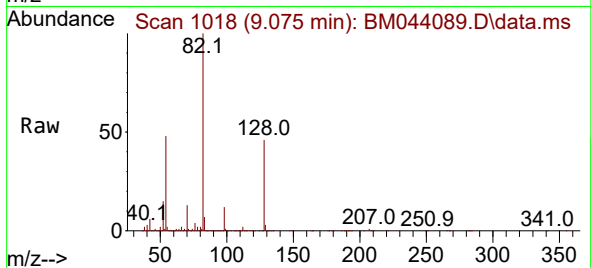
Tgt Ion: 82 Resp: 4206550

Ion Ratio Lower Upper

82 100

128 45.7 37.1 55.7

54 47.7 38.9 58.3



#27

2,4-Dimethylphenol

Concen: 3.728 ng

RT: 9.957 min Scan# 1168

Delta R.T. 0.065 min

Lab File: BM044089.D

Acq: 14 Feb 2024 19:02

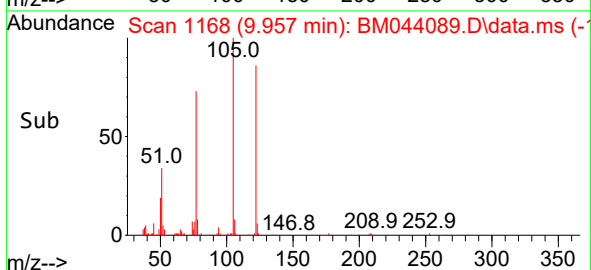
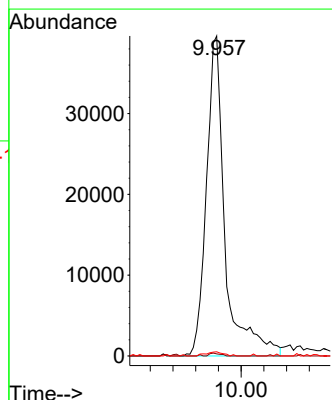
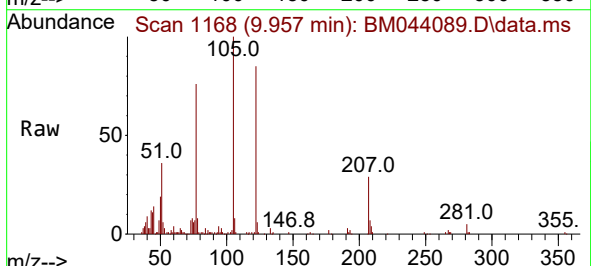
Tgt Ion: 122 Resp: 90051

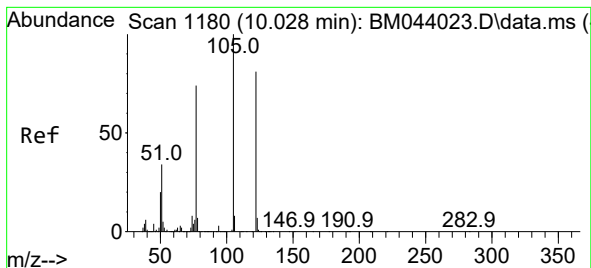
Ion Ratio Lower Upper

122 100

107 0.7 87.8 131.8#

121 1.3 44.7 67.1#





#32

Benzoic acid

Concen: 3.701 ng

RT: 9.957 min Scan# 1180

Delta R.T. -0.071 min

Lab File: BM044089.D

Acq: 14 Feb 2024 19:02

Instrument :

BNA_M

ClientSampleId :

TP-3

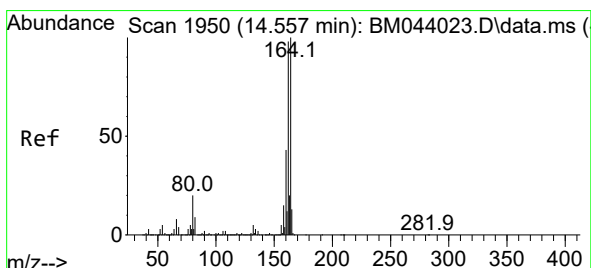
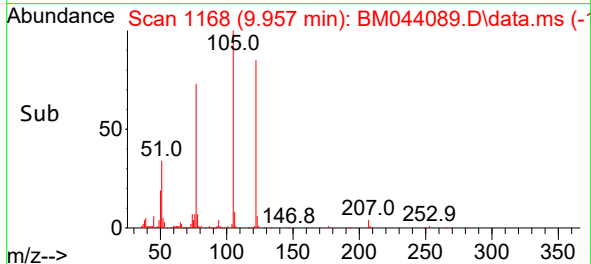
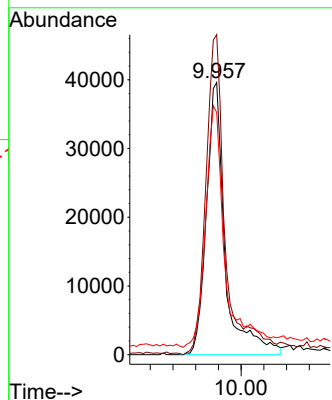
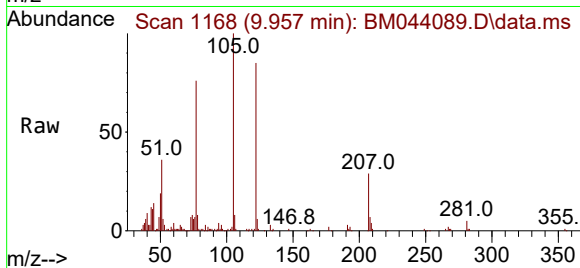
Tgt Ion:122 Resp: 90051

Ion Ratio Lower Upper

122 100

105 117.6 100.1 140.1

77 89.0 69.6 109.6



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.545 min Scan# 1948

Delta R.T. -0.012 min

Lab File: BM044089.D

Acq: 14 Feb 2024 19:02

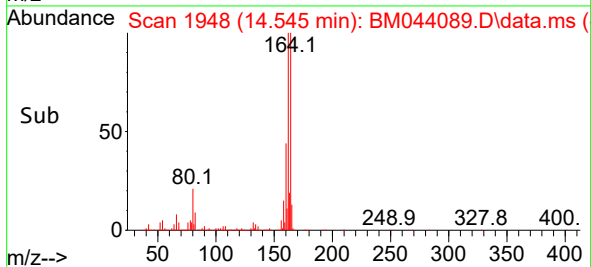
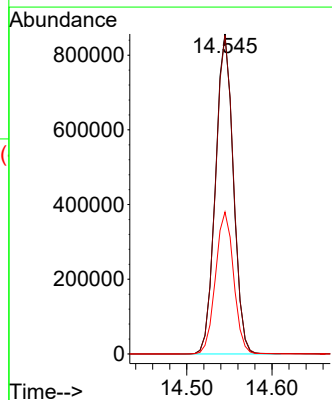
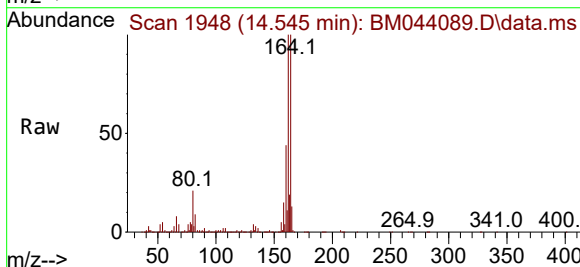
Tgt Ion:164 Resp: 1243682

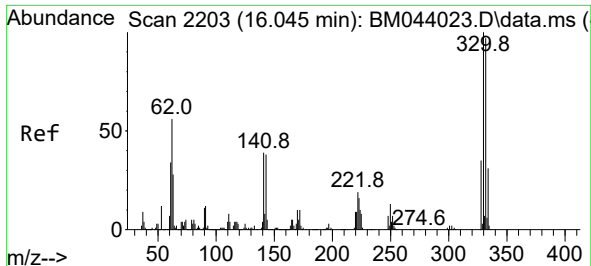
Ion Ratio Lower Upper

164 100

162 99.5 78.4 117.6

160 44.4 34.6 51.8

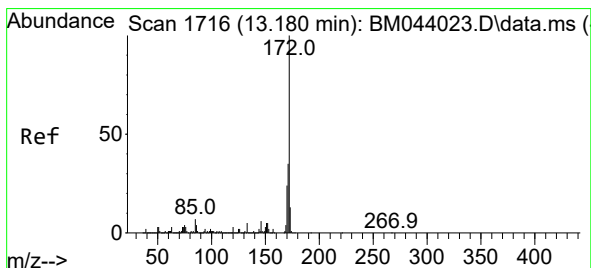
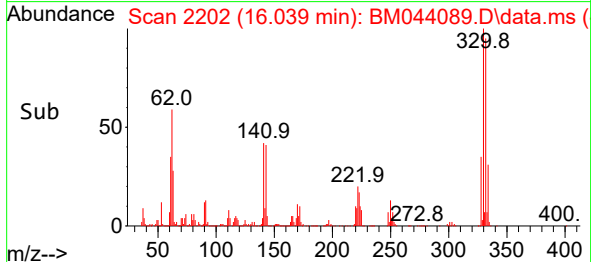
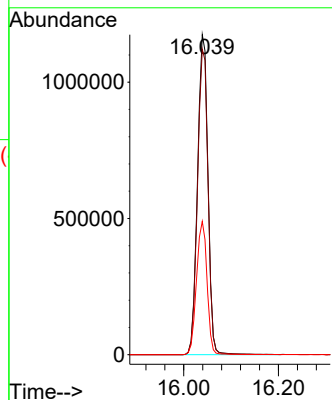
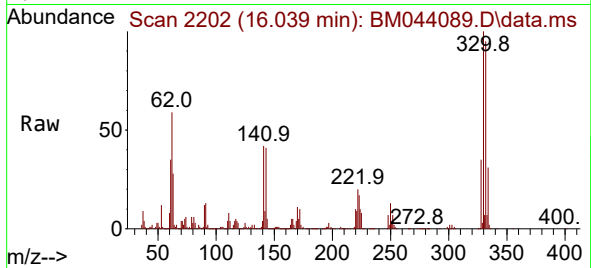




#42
2,4,6-Tribromophenol
Concen: 133.708 ng
RT: 16.039 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM044089.D
Acq: 14 Feb 2024 19:02

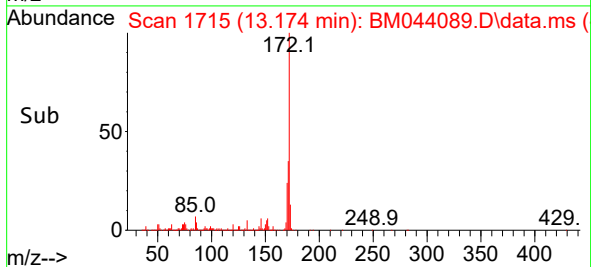
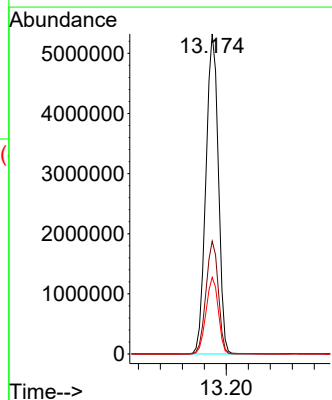
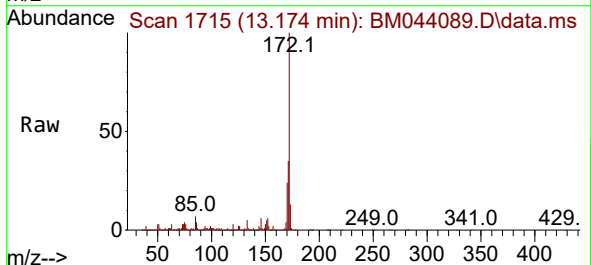
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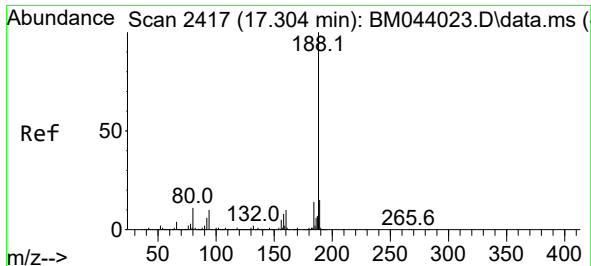
Tgt Ion:330 Resp: 1800472
Ion Ratio Lower Upper
330 100
332 96.2 77.7 116.5
141 42.1 31.0 46.4



#45
2-Fluorobiphenyl
Concen: 94.821 ng
RT: 13.174 min Scan# 1715
Delta R.T. -0.006 min
Lab File: BM044089.D
Acq: 14 Feb 2024 19:02

Tgt Ion:172 Resp: 8355818
Ion Ratio Lower Upper
172 100
171 35.3 27.9 41.9
170 24.0 19.0 28.4

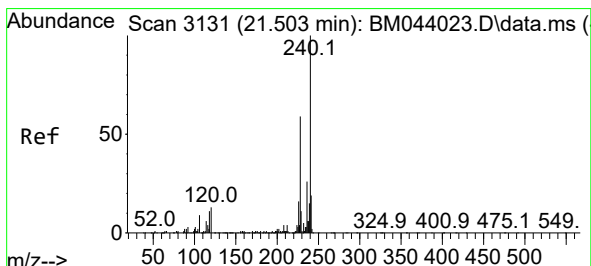
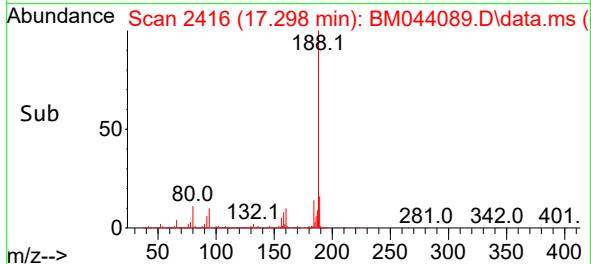
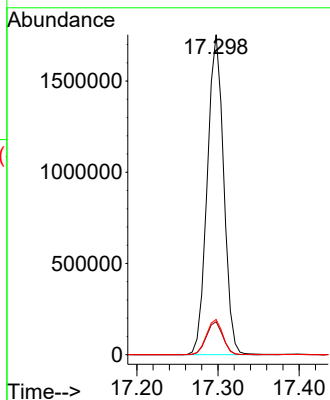
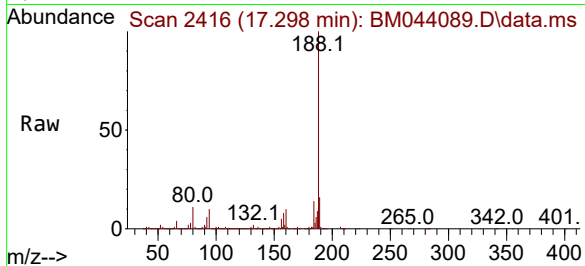




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.298 min Scan# 2417
Delta R.T. -0.006 min
Lab File: BM044089.D
Acq: 14 Feb 2024 19:02

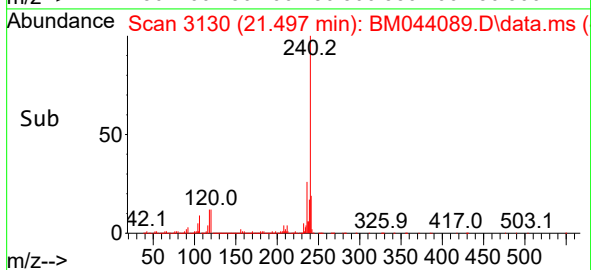
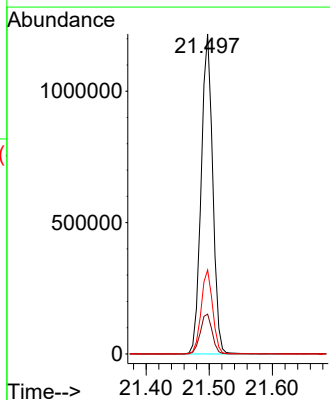
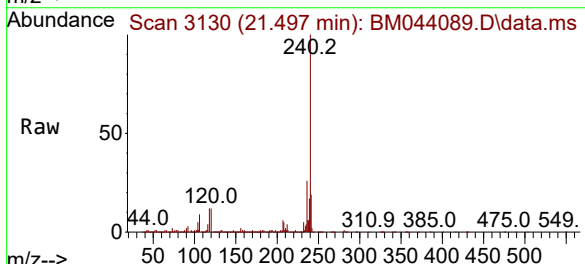
Instrument :
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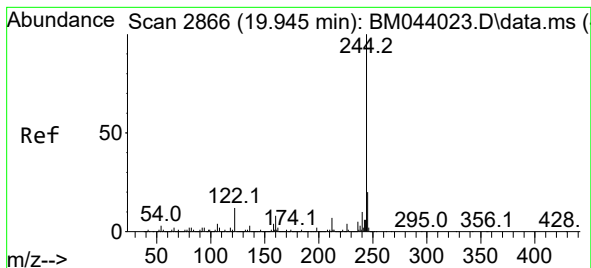
Tgt Ion:188 Resp: 2460147
Ion Ratio Lower Upper
188 100
94 10.3 8.2 12.2
80 11.0 8.8 13.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.497 min Scan# 3130
Delta R.T. -0.006 min
Lab File: BM044089.D
Acq: 14 Feb 2024 19:02

Tgt Ion:240 Resp: 1549899
Ion Ratio Lower Upper
240 100
120 12.5 10.1 15.1
236 26.3 20.6 31.0





#79

Terphenyl-d14

Concen: 108.892 ng

RT: 19.939 min Scan# 2

Delta R.T. -0.006 min

Lab File: BM044089.D

Acq: 14 Feb 2024 19:02

Instrument :

BNA_M

ClientSampleId :

TP-3

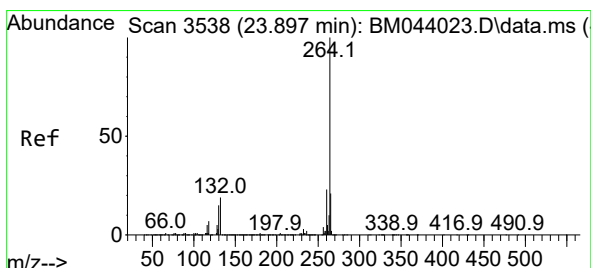
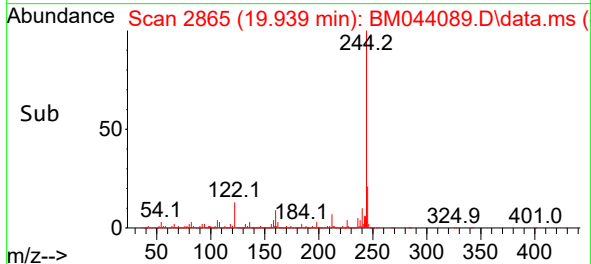
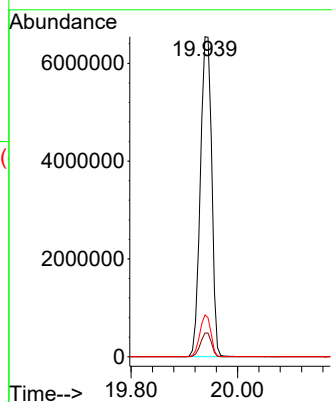
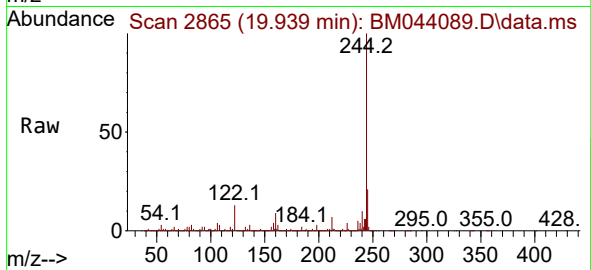
Tgt Ion:244 Resp: 9627434

Ion Ratio Lower Upper

244 100

212 7.4 5.4 8.2

122 13.0 9.5 14.3



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.891 min Scan# 3537

Delta R.T. -0.006 min

Lab File: BM044089.D

Acq: 14 Feb 2024 19:02

Tgt Ion:264 Resp: 1562424

Ion Ratio Lower Upper

264 100

260 24.9 18.8 28.2

265 22.0 17.3 25.9

