

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032524\
 Data File : BM044754.D
 Acq On : 25 Mar 2024 14:10
 Operator : MA/JU
 Sample : P1788-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PEZOMETER-200RE

Quant Time: Mar 25 14:49:30 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM031324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 14 02:28:24 2024
 Response via : Initial Calibration

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

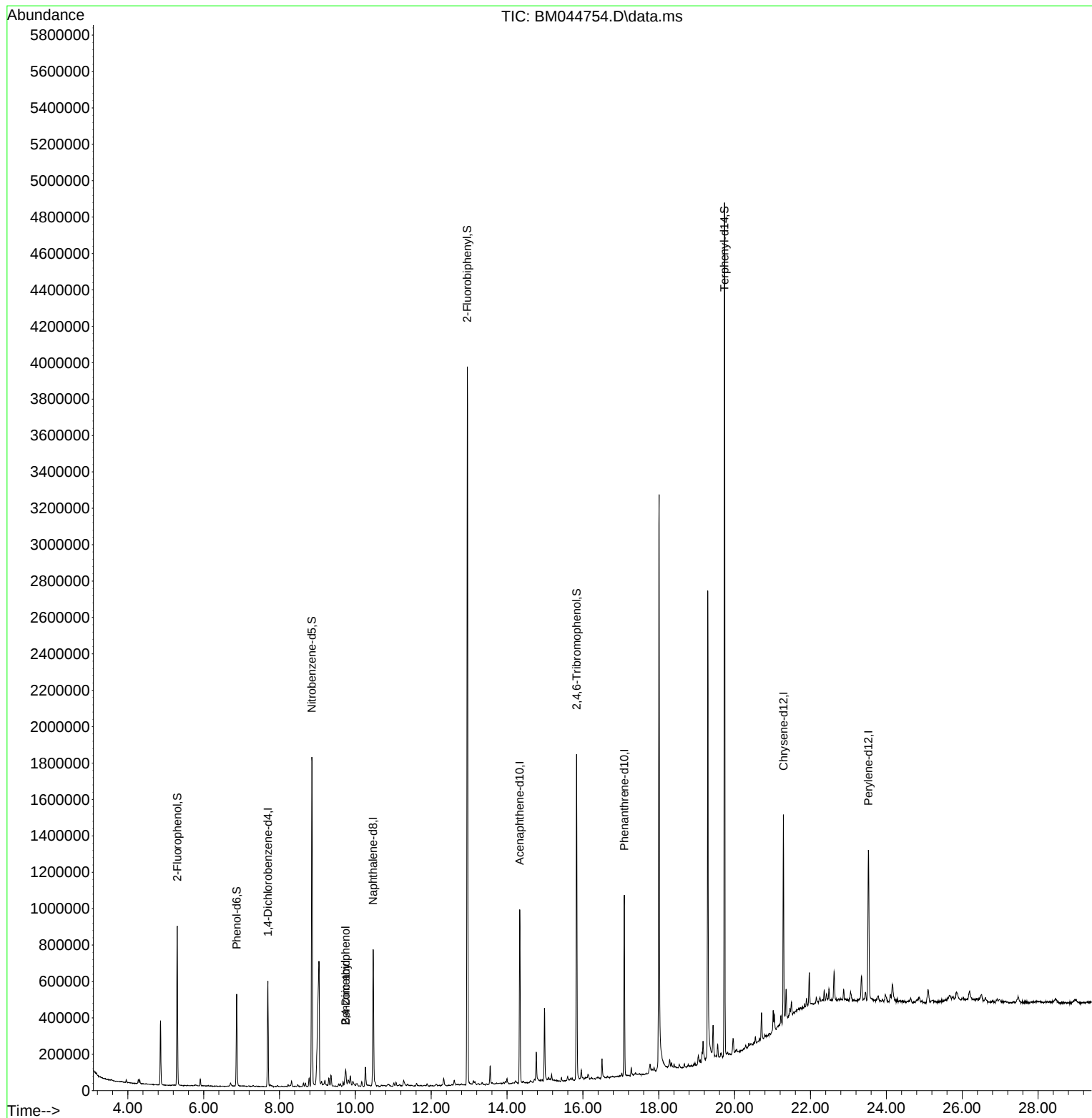
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.693	152	147685	20.000	ng	-0.01
21) Naphthalene-d8	10.469	136	600017	20.000	ng	-0.02
39) Acenaphthene-d10	14.334	164	329567	20.000	ng	-0.02
64) Phenanthrene-d10	17.092	188	587769	20.000	ng	-0.01
76) Chrysene-d12	21.286	240	502860	20.000	ng	-0.02
86) Perylene-d12	23.527	264	590920	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.305	112	364461	35.433	ng	0.00
7) Phenol-d6	6.869	99	276766	20.915	ng	-0.01
23) Nitrobenzene-d5	8.852	82	1026103	82.386	ng	-0.01
42) 2,4,6-Tribromophenol	15.833	330	292417	80.445	ng	-0.01
45) 2-Fluorobiphenyl	12.951	172	2022677	84.525	ng	-0.02
79) Terphenyl-d14	19.733	244	2126089	73.962	ng	-0.01
Target Compounds						
27) 2,4-Dimethylphenol	9.746	122	34725	3.717	ng	# 5
32) Benzoic acid	9.746	122	34725	7.926	ng	90

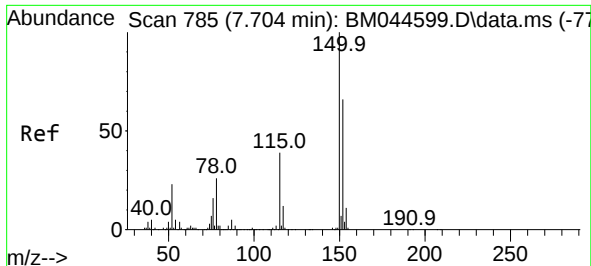
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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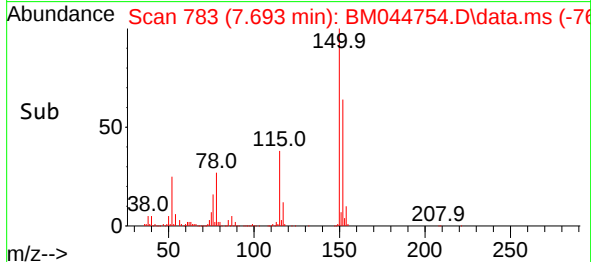
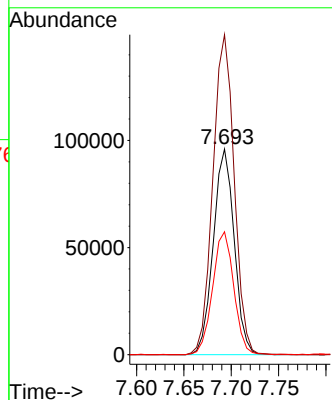
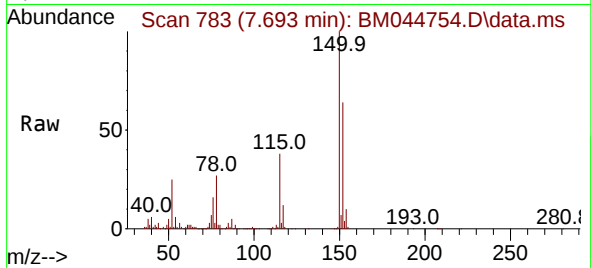




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.693 min Scan# 71
Delta R.T. -0.011 min
Lab File: BM044754.D
Acq: 25 Mar 2024 14:10

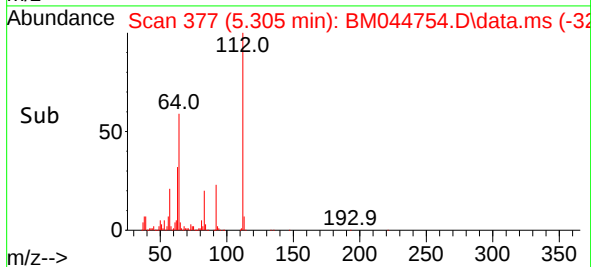
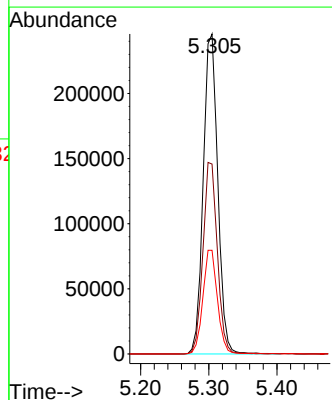
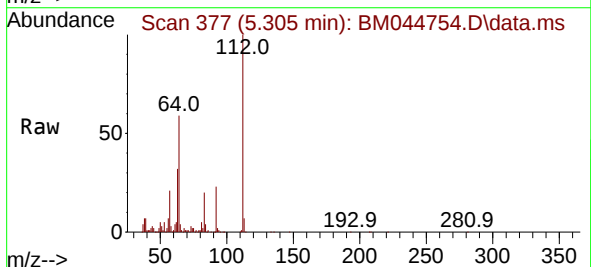
Instrument :
BNA_M
ClientSampleId :
PEZOMETER-200RE

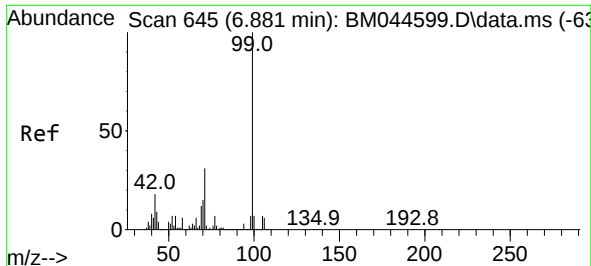
Tgt Ion:152 Resp: 147685
Ion Ratio Lower Upper
152 100
150 155.6 121.9 182.9
115 59.8 47.1 70.7



#5
2-Fluorophenol
Concen: 35.433 ng
RT: 5.305 min Scan# 377
Delta R.T. 0.000 min
Lab File: BM044754.D
Acq: 25 Mar 2024 14:10

Tgt Ion:112 Resp: 364461
Ion Ratio Lower Upper
112 100
64 59.4 47.9 71.9
63 32.4 25.0 37.4

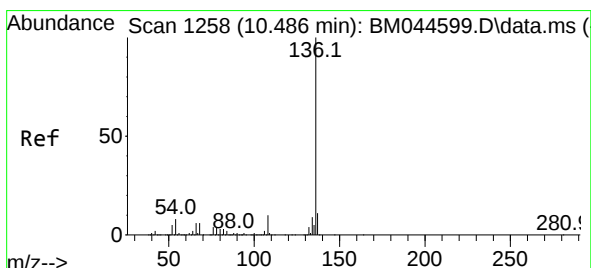
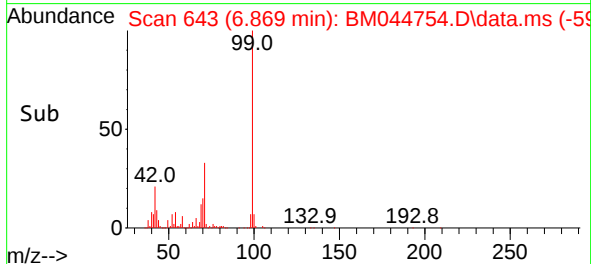
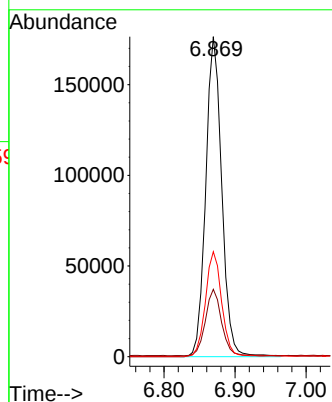
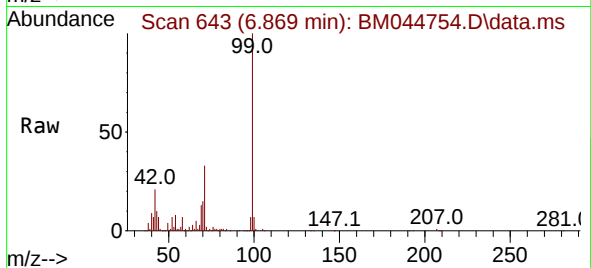




#7
Phenol-d6
Concen: 20.915 ng
RT: 6.869 min Scan# 64
Delta R.T. -0.011 min
Lab File: BM044754.D
Acq: 25 Mar 2024 14:10

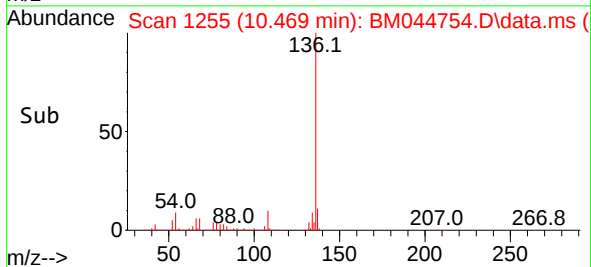
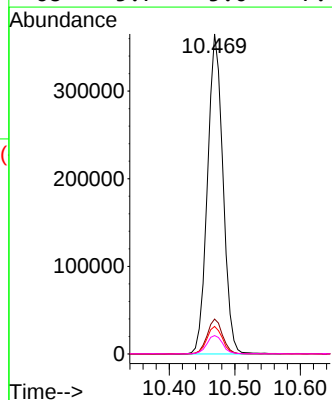
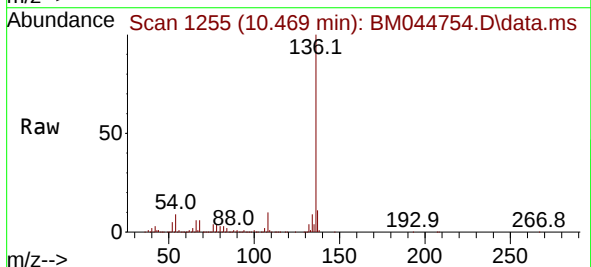
Instrument :
BNA_M
ClientSampleId :
PEZOMETER-200RE

Tgt Ion: 99 Resp: 276766
Ion Ratio Lower Upper
99 100
42 21.1 14.3 21.5
71 32.8 24.5 36.7



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.469 min Scan# 1255
Delta R.T. -0.017 min
Lab File: BM044754.D
Acq: 25 Mar 2024 14:10

Tgt Ion: 136 Resp: 600017
Ion Ratio Lower Upper
136 100
137 10.9 8.9 13.3
54 8.6 6.6 10.0
68 5.7 5.0 7.4

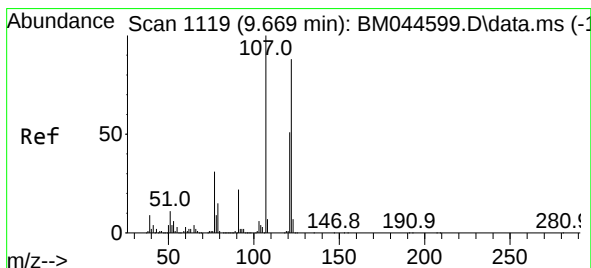
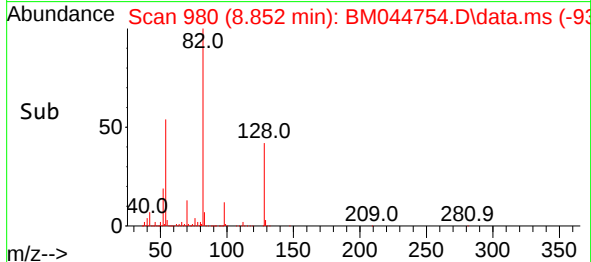
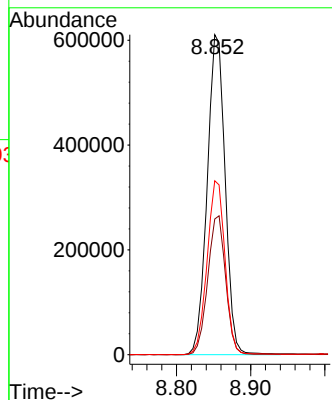
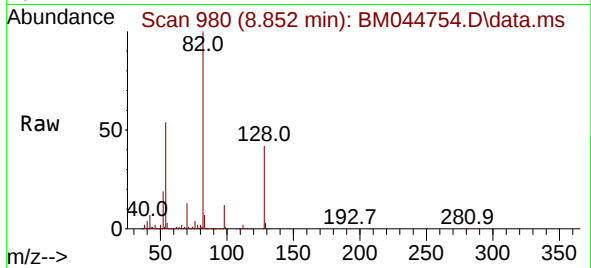




#23
Nitrobenzene-d5
Concen: 82.386 ng
RT: 8.852 min Scan# 91
Delta R.T. -0.011 min
Lab File: BM044754.D
Acq: 25 Mar 2024 14:10

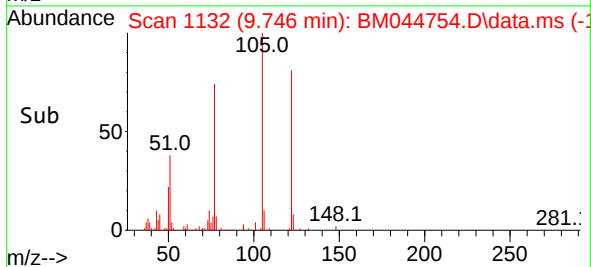
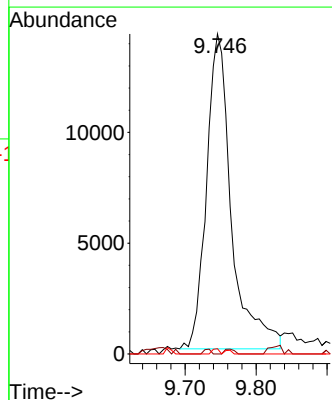
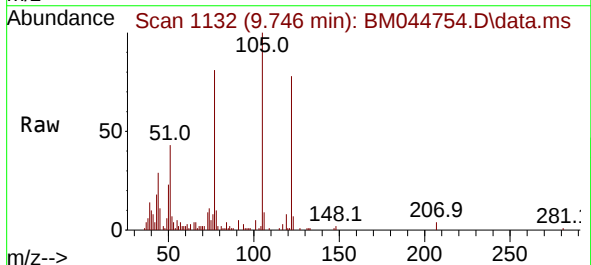
Instrument :
BNA_M
ClientSampleId :
PEZOMETER-200RE

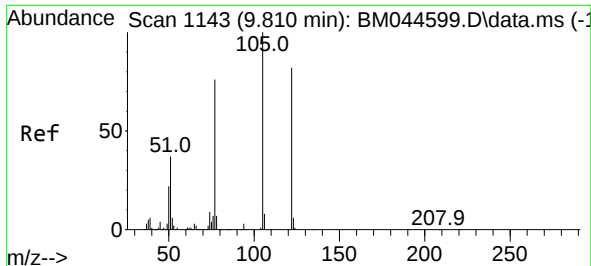
Tgt Ion: 82 Resp: 1026103
Ion Ratio Lower Upper
82 100
128 42.4 34.2 51.4
54 54.3 41.3 61.9



#27
2,4-Dimethylphenol
Concen: 3.717 ng
RT: 9.746 min Scan# 1132
Delta R.T. 0.077 min
Lab File: BM044754.D
Acq: 25 Mar 2024 14:10

Tgt Ion:122 Resp: 34725
Ion Ratio Lower Upper
122 100
107 0.0 90.5 135.7#
121 1.6 46.2 69.4#

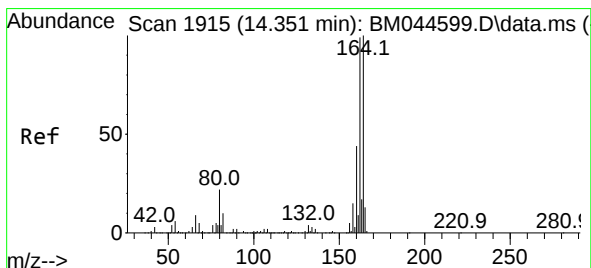
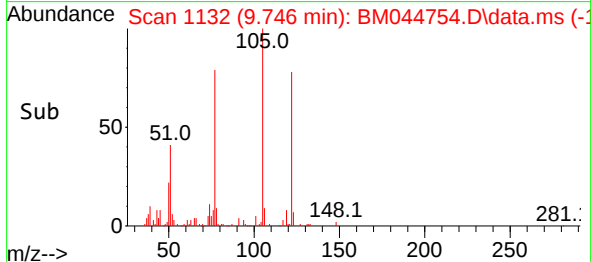
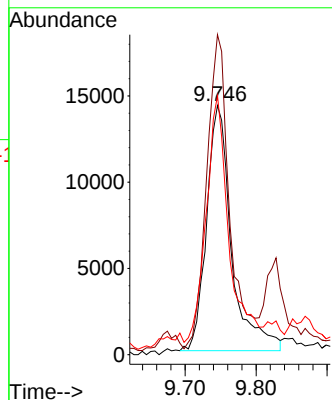
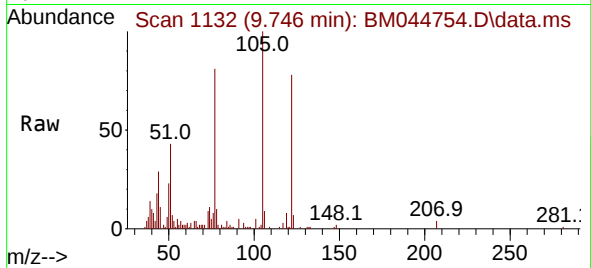




#32
Benzoic acid
Concen: 7.926 ng
RT: 9.746 min Scan# 1143
Delta R.T. -0.064 min
Lab File: BM044754.D
Acq: 25 Mar 2024 14:10

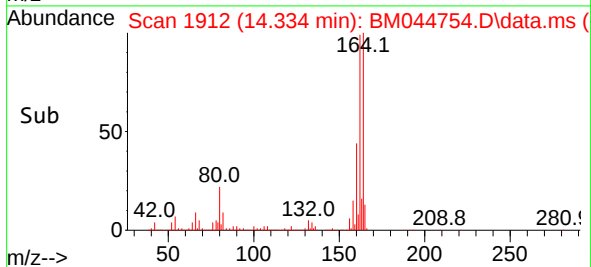
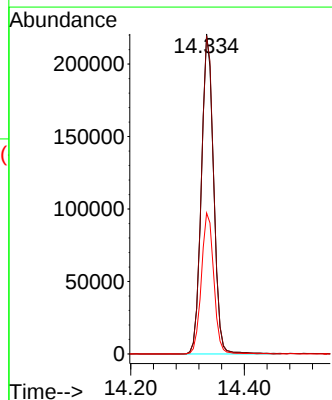
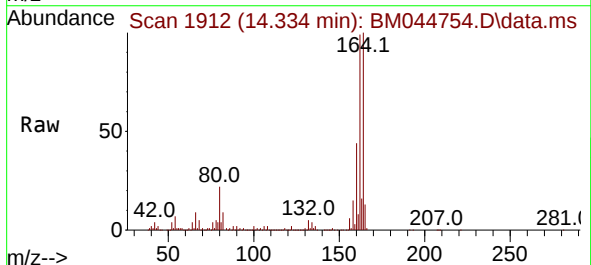
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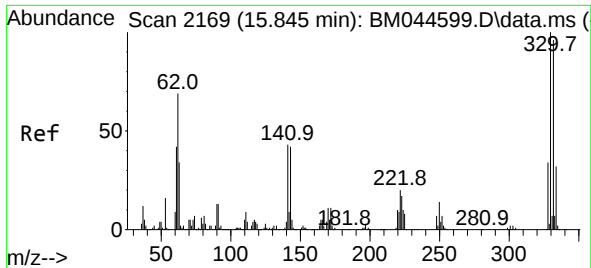
Tgt Ion:122 Resp: 34725
Ion Ratio Lower Upper
122 100
105 128.5 100.0 140.0
77 104.0 72.5 112.5



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.334 min Scan# 1912
Delta R.T. -0.017 min
Lab File: BM044754.D
Acq: 25 Mar 2024 14:10

Tgt Ion:164 Resp: 329567
Ion Ratio Lower Upper
164 100
162 99.4 79.3 118.9
160 44.1 35.2 52.8

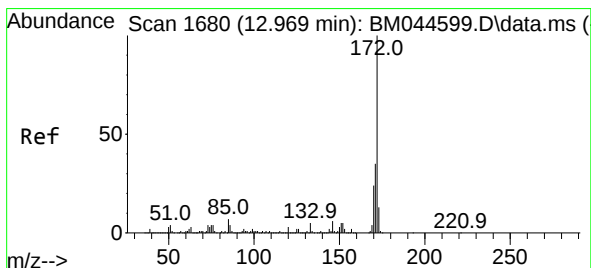
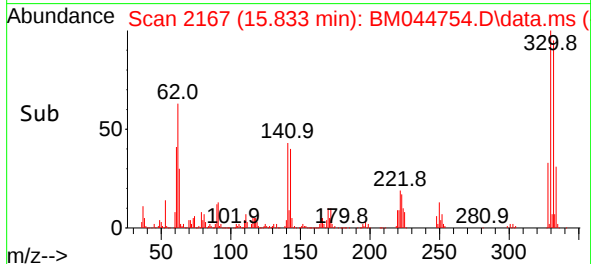
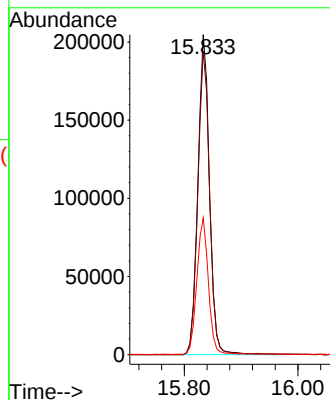
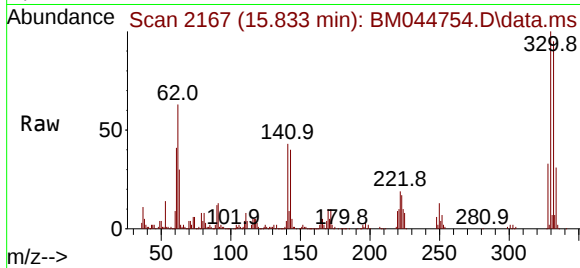




#42
2,4,6-Tribromophenol
Concen: 80.445 ng
RT: 15.833 min Scan# 2167
Delta R.T. -0.011 min
Lab File: BM044754.D
Acq: 25 Mar 2024 14:10

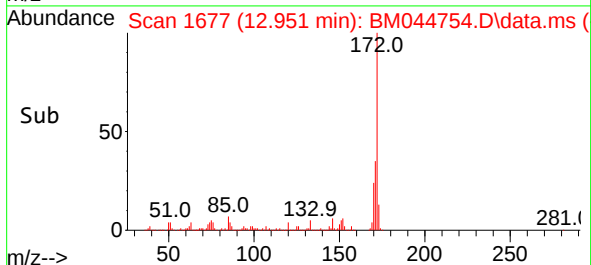
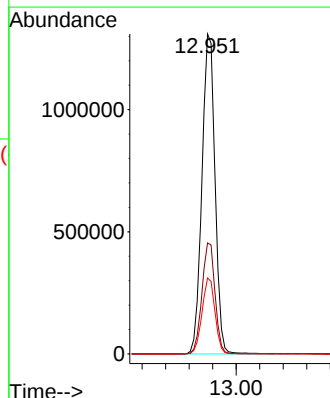
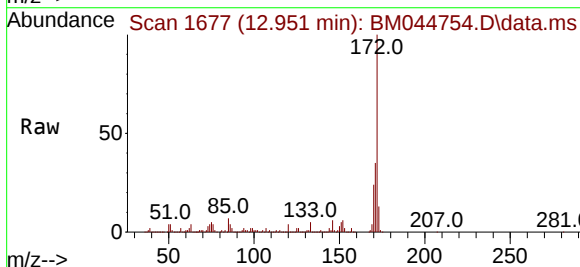
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PEZOMETER-200RE

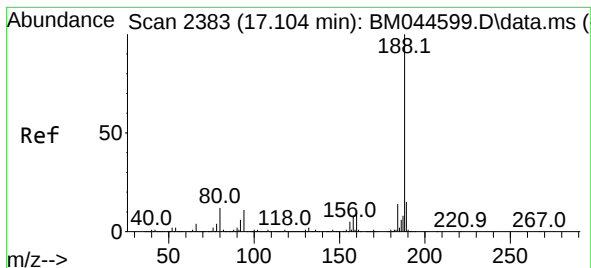
Tgt Ion:330 Resp: 292417
Ion Ratio Lower Upper
330 100
332 95.9 77.8 116.8
141 42.4 33.4 50.0



#45
2-Fluorobiphenyl
Concen: 84.525 ng
RT: 12.951 min Scan# 1677
Delta R.T. -0.017 min
Lab File: BM044754.D
Acq: 25 Mar 2024 14:10

Tgt Ion:172 Resp: 2022677
Ion Ratio Lower Upper
172 100
171 34.7 28.2 42.2
170 23.8 19.0 28.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.092 min Scan# 21

Delta R.T. -0.011 min

Lab File: BM044754.D

Acq: 25 Mar 2024 14:10

Instrument :

BNA_M

ClientSampleId :

PEZOMETER-200RE

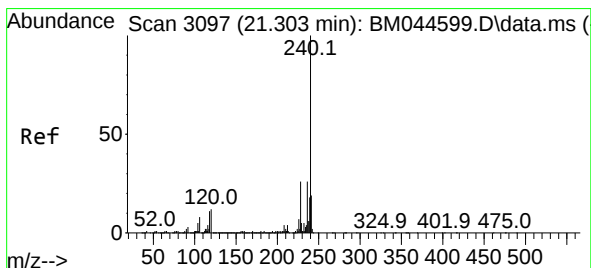
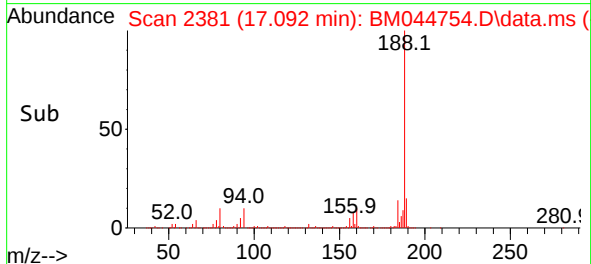
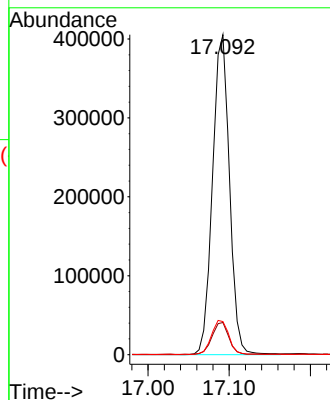
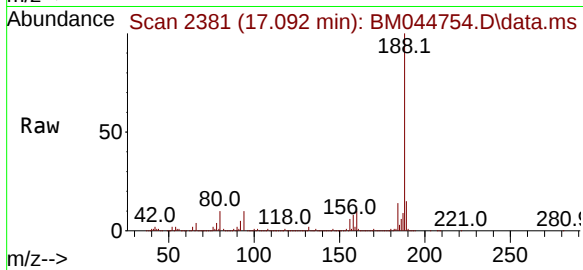
Tgt Ion:188 Resp: 587769

Ion Ratio Lower Upper

188 100

94 10.0 8.4 12.6

80 10.4 9.4 14.0



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.286 min Scan# 3094

Delta R.T. -0.017 min

Lab File: BM044754.D

Acq: 25 Mar 2024 14:10

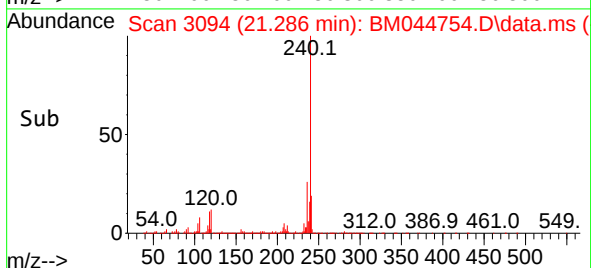
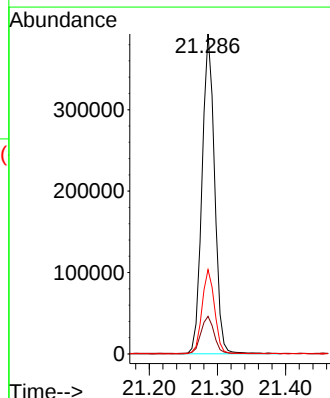
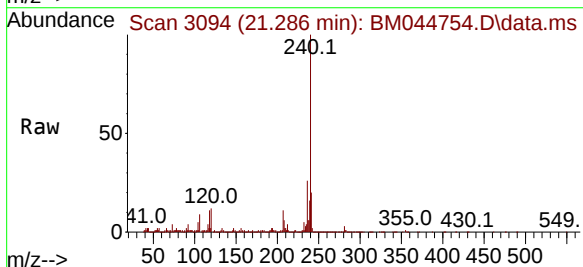
Tgt Ion:240 Resp: 502860

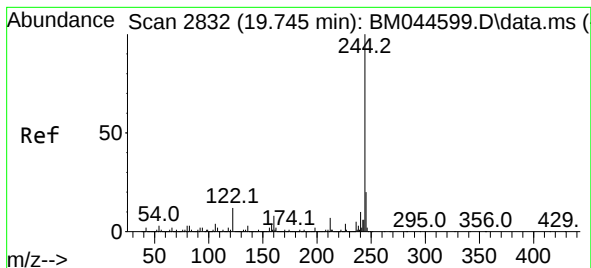
Ion Ratio Lower Upper

240 100

120 11.7 9.7 14.5

236 26.4 21.0 31.4





#79

Terphenyl-d14

Concen: 73.962 ng

RT: 19.733 min Scan# 21

Delta R.T. -0.011 min

Lab File: BM044754.D

Acq: 25 Mar 2024 14:10

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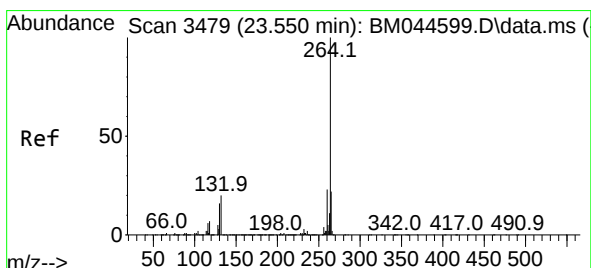
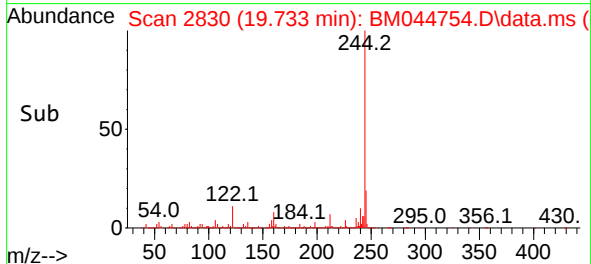
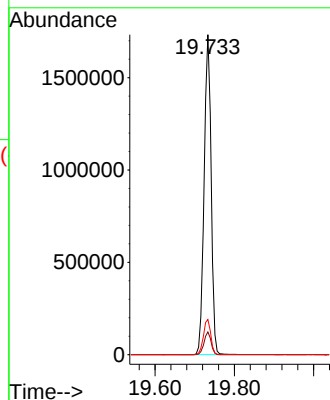
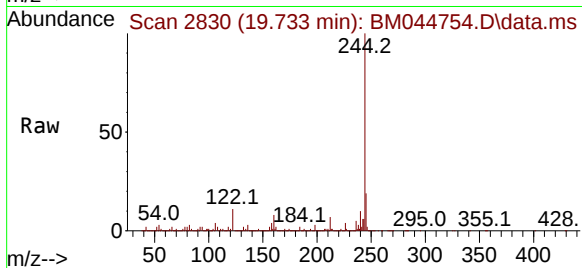
Tgt Ion:244 Resp: 2126089

Ion Ratio Lower Upper

244 100

212 7.1 5.5 8.3

122 11.0 9.7 14.5



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.527 min Scan# 3475

Delta R.T. -0.023 min

Lab File: BM044754.D

Acq: 25 Mar 2024 14:10

Tgt Ion:264 Resp: 590920

Ion Ratio Lower Upper

264 100

260 23.4 18.3 27.5

265 22.7 17.5 26.3

