

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032324\
 Data File : BM044744.D
 Acq On : 22 Mar 2024 20:52
 Operator : MA/JU
 Sample : P1788-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PEZOMETER-200

Quant Time: Mar 22 23:03:37 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)

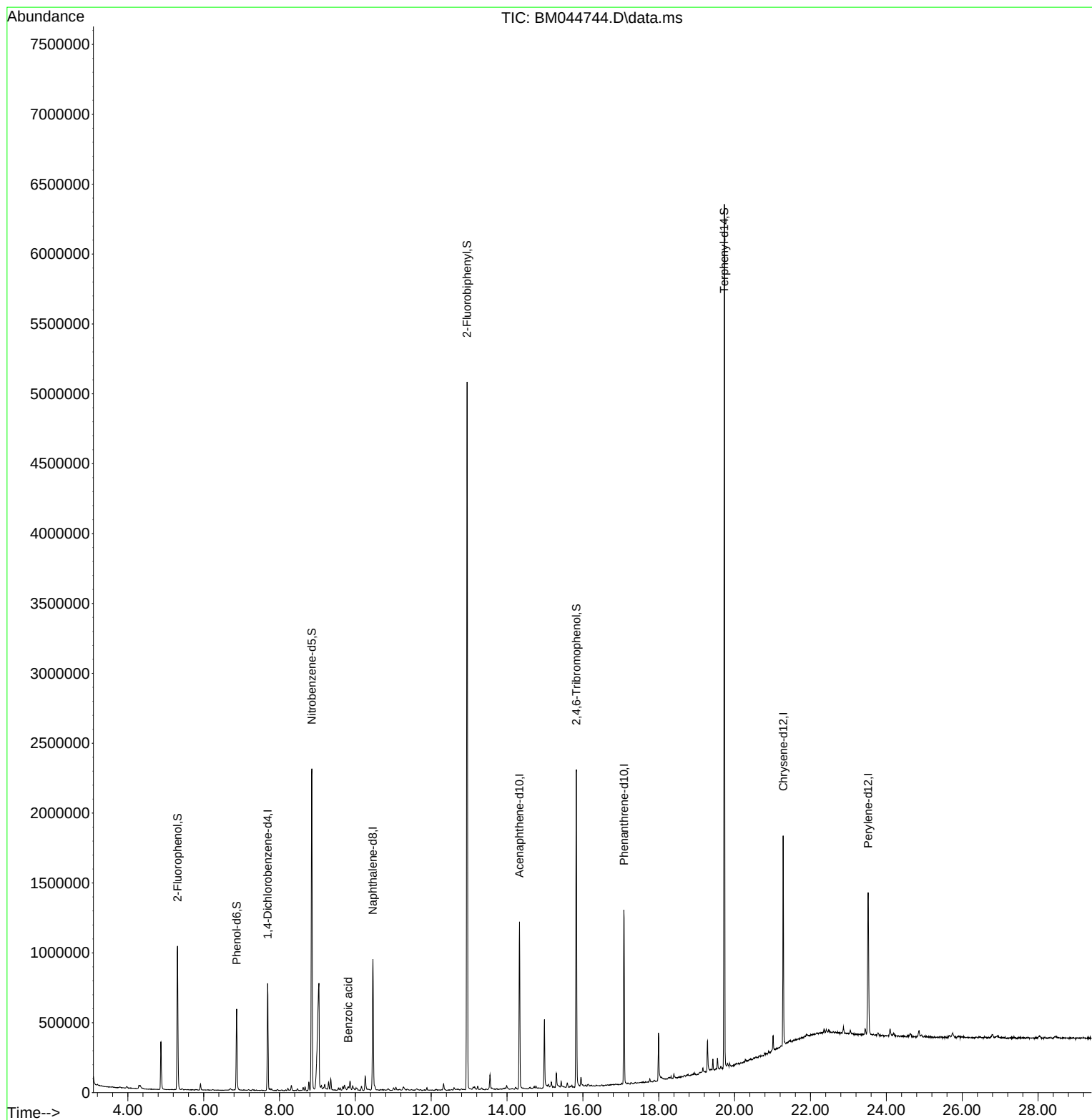
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.687	152	206698	20.000	ng	-0.02
21) Naphthalene-d8	10.463	136	759791	20.000	ng	-0.02
39) Acenaphthene-d10	14.327	164	398673	20.000	ng	-0.02
64) Phenanthrene-d10	17.080	188	739379	20.000	ng	-0.02
76) Chrysene-d12	21.280	240	646754	20.000	ng	-0.02
86) Perylene-d12	23.521	264	731956	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.310	112	491891	34.168	ng	0.00
7) Phenol-d6	6.869	99	349772	18.885	ng	-0.01
23) Nitrobenzene-d5	8.851	82	1323265	83.904	ng	-0.01
42) 2,4,6-Tribromophenol	15.827	330	375203	85.327	ng	-0.02
45) 2-Fluorobiphenyl	12.945	172	2539092	87.713	ng	-0.02
79) Terphenyl-d14	19.727	244	2866807	77.542	ng	-0.02
Target Compounds						
32) Benzoic acid	9.810	122	226	3.642	ng	Qvalue # 1

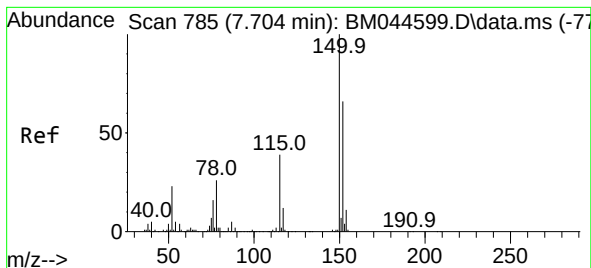
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 7.687 min Scan# 71

Delta R.T. -0.017 min

Lab File: BM044744.D

Acq: 22 Mar 2024 20:52

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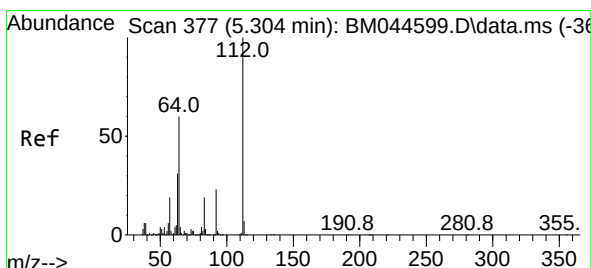
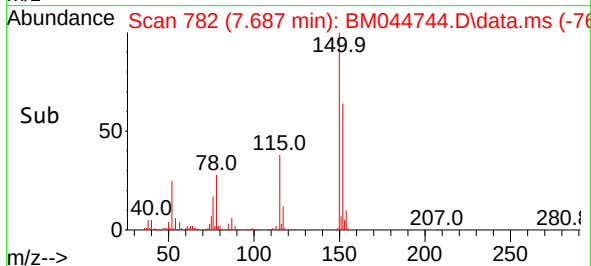
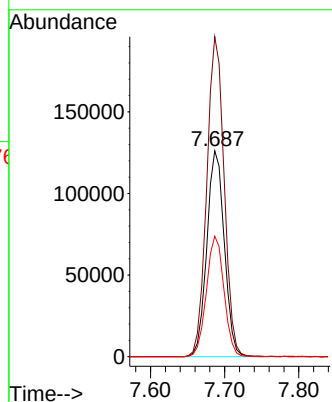
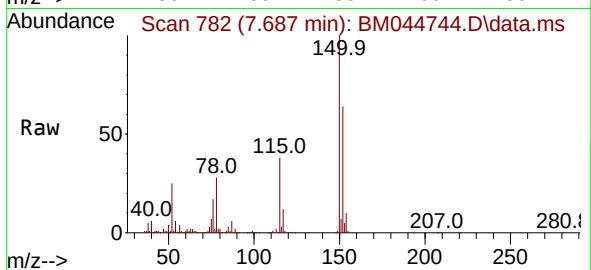
Tgt Ion:152 Resp: 206698

Ion Ratio Lower Upper

152 100

150 155.4 121.9 182.9

115 58.5 47.1 70.7



#5

2-Fluorophenol

Concen: 34.168 ng

RT: 5.310 min Scan# 378

Delta R.T. 0.006 min

Lab File: BM044744.D

Acq: 22 Mar 2024 20:52

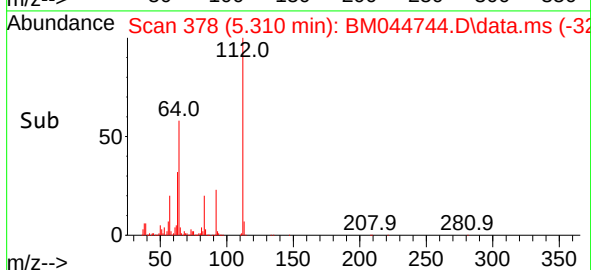
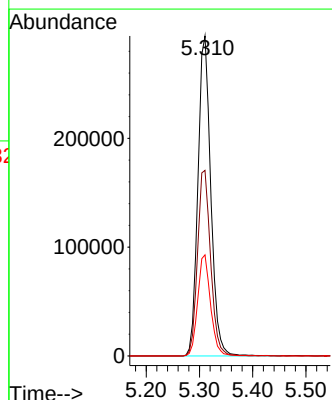
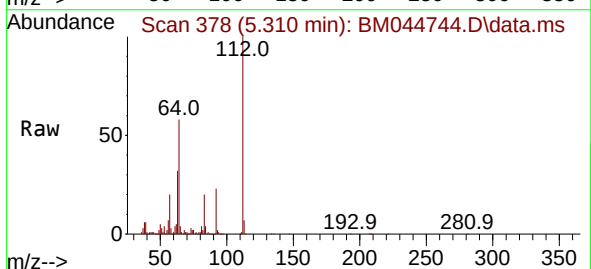
Tgt Ion:112 Resp: 491891

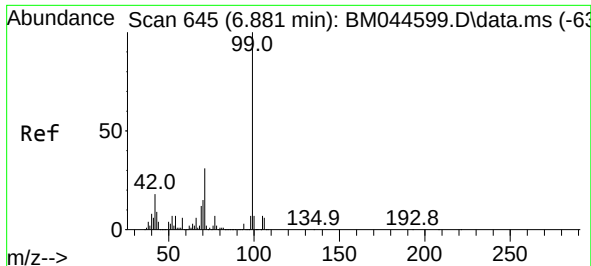
Ion Ratio Lower Upper

112 100

64 58.0 47.9 71.9

63 31.6 25.0 37.4

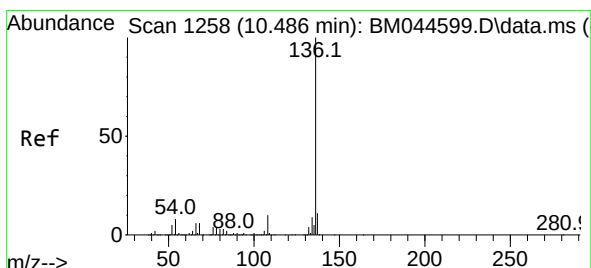
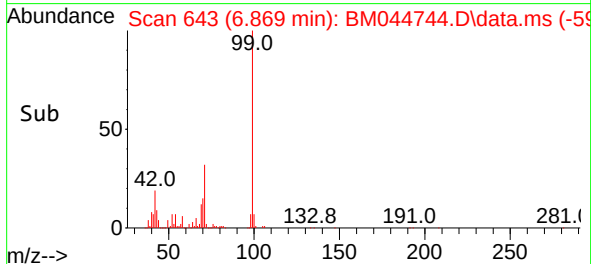
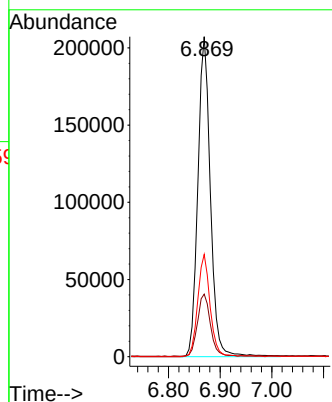
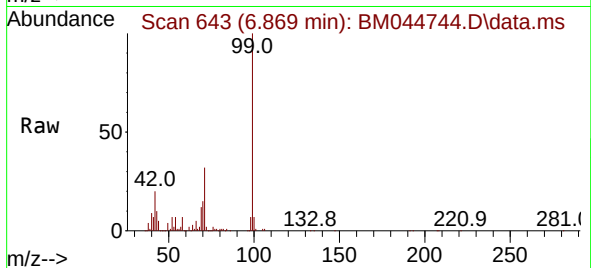




#7
Phenol-d6
Concen: 18.885 ng
RT: 6.869 min Scan# 645
Delta R.T. -0.012 min
Lab File: BM044744.D
Acq: 22 Mar 2024 20:52

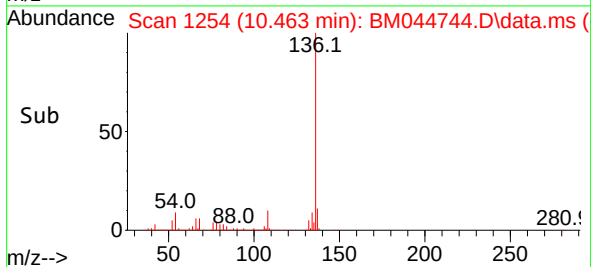
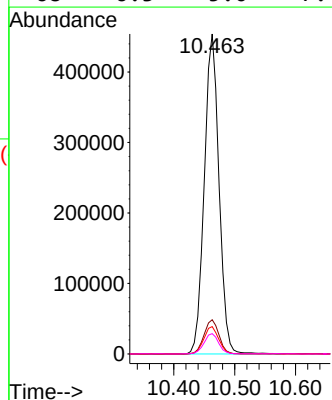
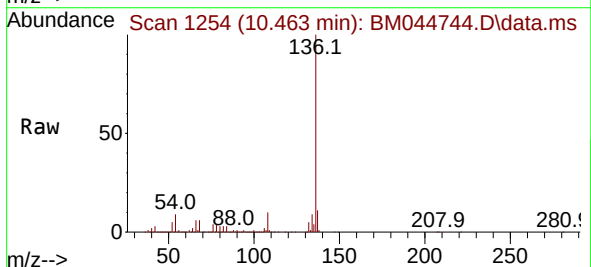
Instrument :
BNA_M
ClientSampleId :
PEZOMETER-200

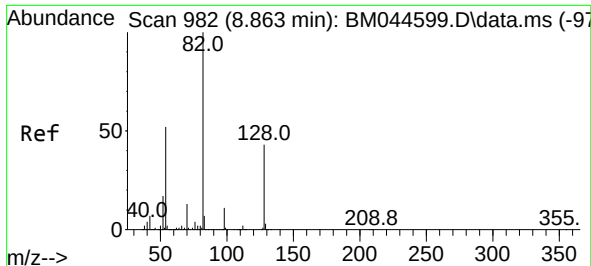
Tgt Ion: 99 Resp: 349772
Ion Ratio Lower Upper
99 100
42 19.5 14.3 21.5
71 32.0 24.5 36.7



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.463 min Scan# 1254
Delta R.T. -0.023 min
Lab File: BM044744.D
Acq: 22 Mar 2024 20:52

Tgt Ion: 136 Resp: 759791
Ion Ratio Lower Upper
136 100
137 10.7 8.9 13.3
54 8.6 6.6 10.0
68 6.3 5.0 7.4

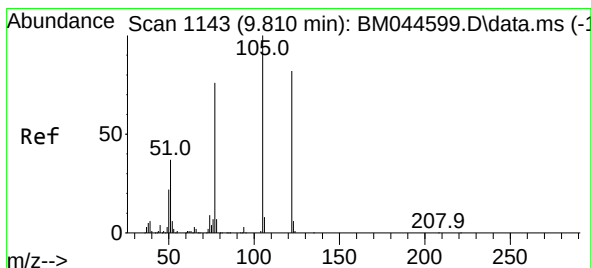
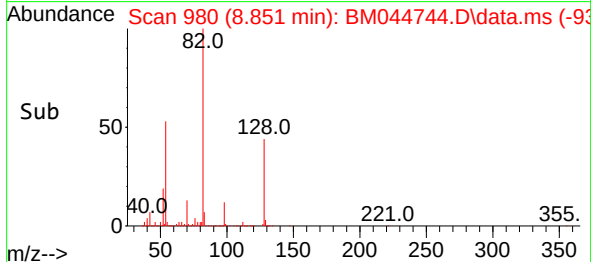
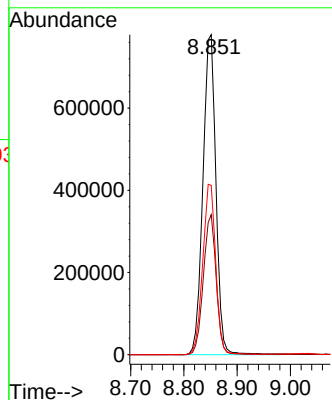
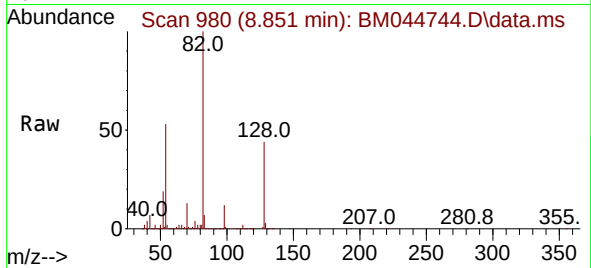




#23
Nitrobenzene-d5
Concen: 83.904 ng
RT: 8.851 min Scan# 91
Delta R.T. -0.012 min
Lab File: BM044744.D
Acq: 22 Mar 2024 20:52

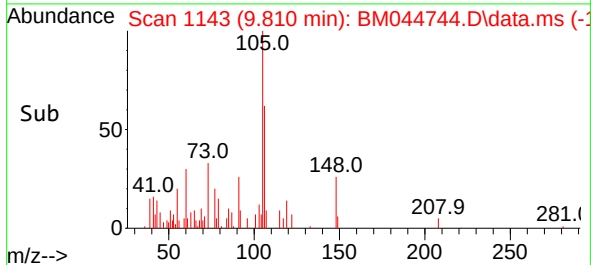
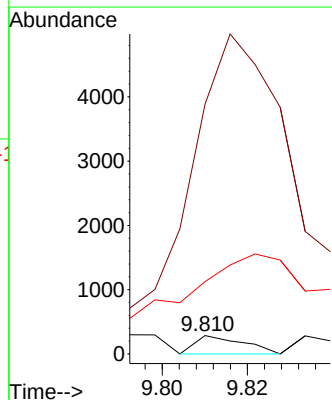
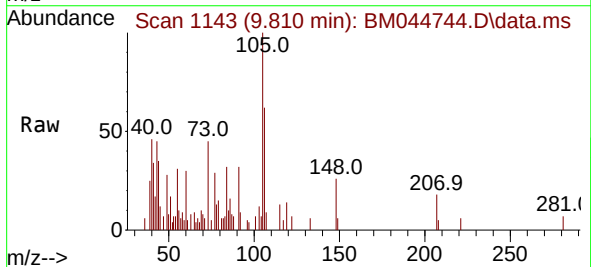
Instrument :
BNA_M
ClientSampleId :
PEZOMETER-200

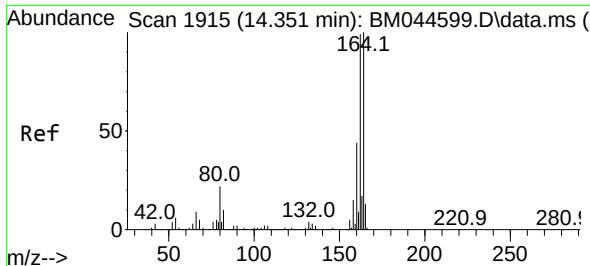
Tgt Ion: 82 Resp: 1323265
Ion Ratio Lower Upper
82 100
128 43.8 34.2 51.4
54 52.9 41.3 61.9



#32
Benzoic acid
Concen: 3.642 ng
RT: 9.810 min Scan# 1143
Delta R.T. 0.000 min
Lab File: BM044744.D
Acq: 22 Mar 2024 20:52

Tgt Ion:122 Resp: 226
Ion Ratio Lower Upper
122 100
105 1353.7 100.0 140.0#
77 392.0 72.5 112.5#

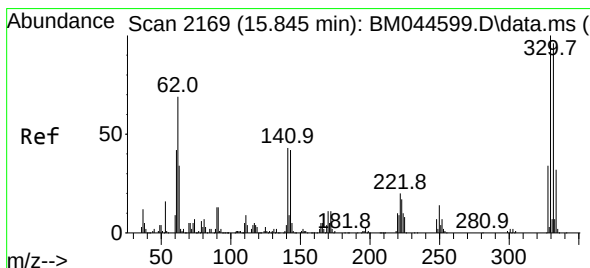
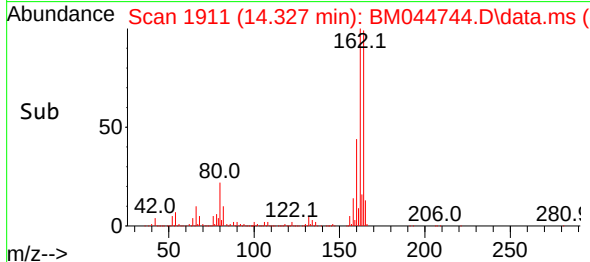
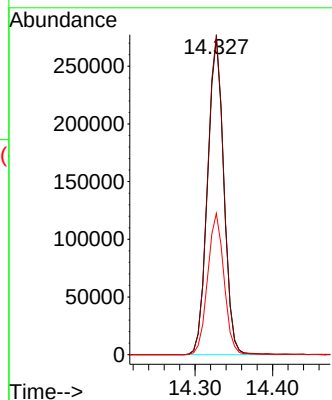
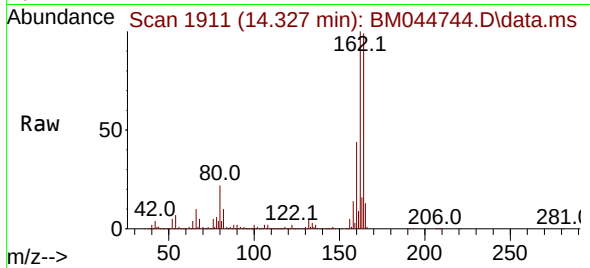




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.327 min Scan# 1915
Delta R.T. -0.023 min
Lab File: BM044744.D
Acq: 22 Mar 2024 20:52

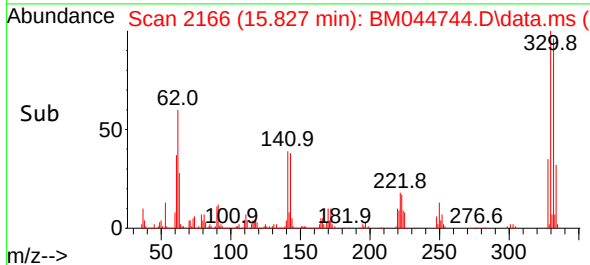
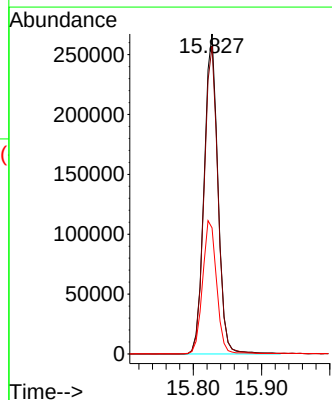
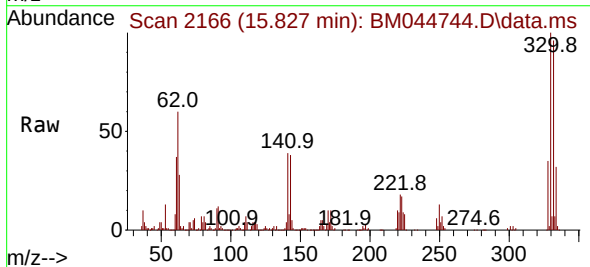
Instrument :
BNA_M
ClientSampleId :
PEZOMETER-200

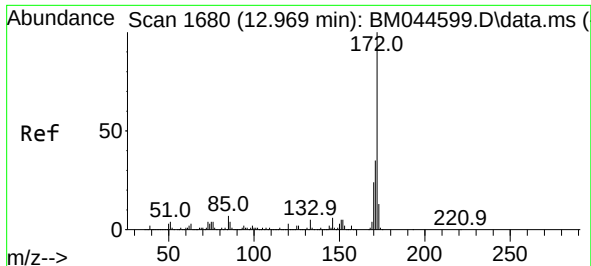
Tgt Ion:164 Resp: 398673
Ion Ratio Lower Upper
164 100
162 101.1 79.3 118.9
160 44.6 35.2 52.8



#42
2,4,6-Tribromophenol
Concen: 85.327 ng
RT: 15.827 min Scan# 2166
Delta R.T. -0.018 min
Lab File: BM044744.D
Acq: 22 Mar 2024 20:52

Tgt Ion:330 Resp: 375203
Ion Ratio Lower Upper
330 100
332 96.7 77.8 116.8
141 42.3 33.4 50.0

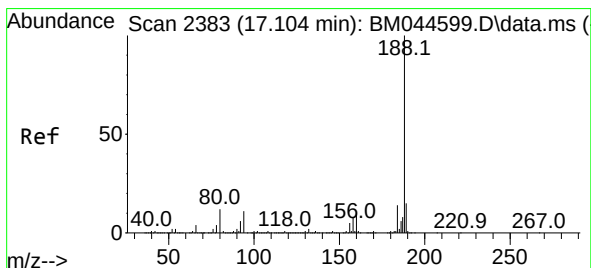
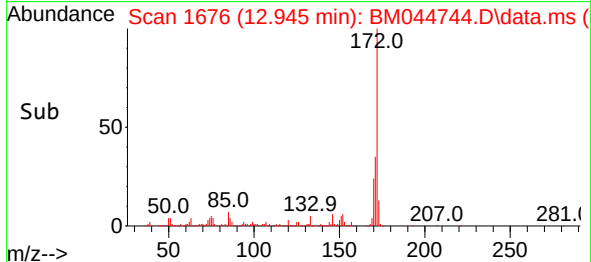
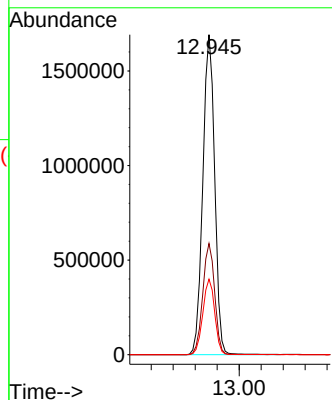
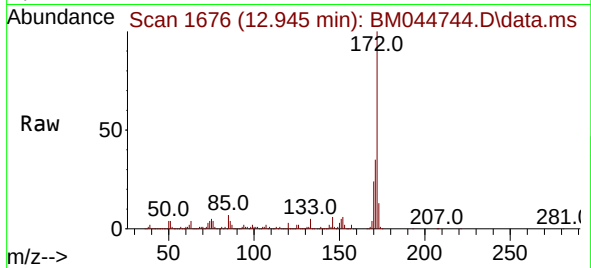




#45
2-Fluorobiphenyl
Concen: 87.713 ng
RT: 12.945 min Scan# 1
Delta R.T. -0.023 min
Lab File: BM044744.D
Acq: 22 Mar 2024 20:52

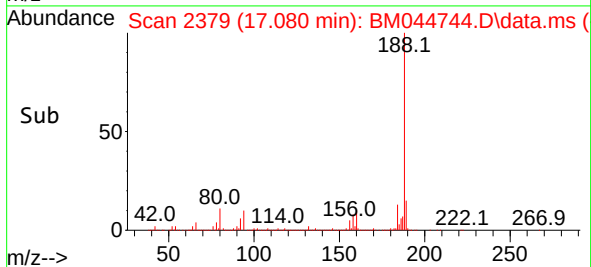
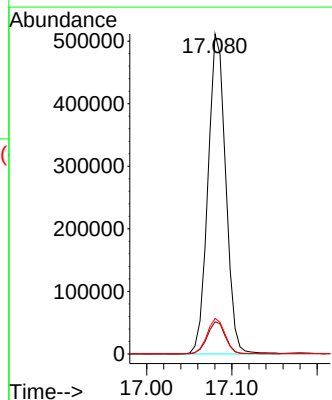
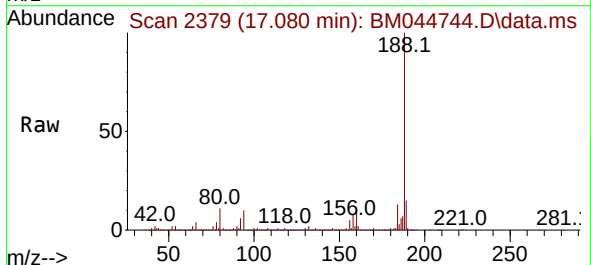
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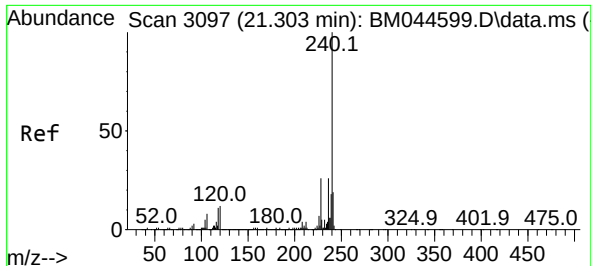
Tgt Ion:172 Resp: 2539092
Ion Ratio Lower Upper
172 100
171 34.8 28.2 42.2
170 23.6 19.0 28.6



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.080 min Scan# 2379
Delta R.T. -0.023 min
Lab File: BM044744.D
Acq: 22 Mar 2024 20:52

Tgt Ion:188 Resp: 739379
Ion Ratio Lower Upper
188 100
94 10.0 8.4 12.6
80 11.1 9.4 14.0

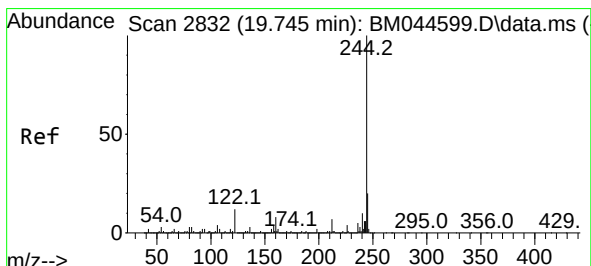
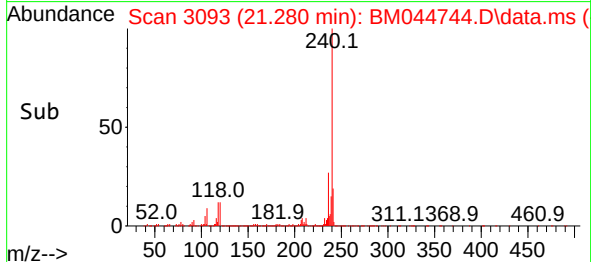
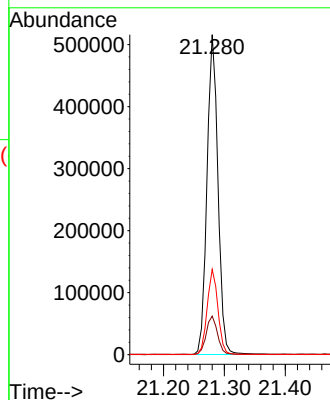
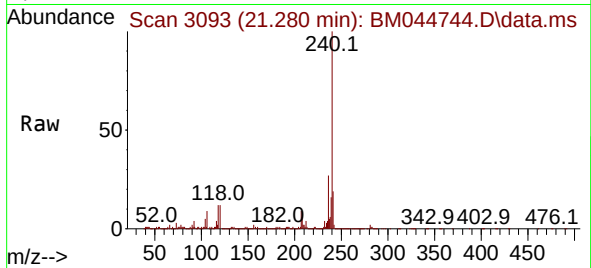




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.280 min Scan# 3097
Delta R.T. -0.023 min
Lab File: BM044744.D
Acq: 22 Mar 2024 20:52

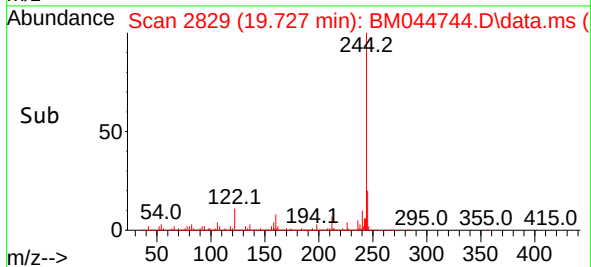
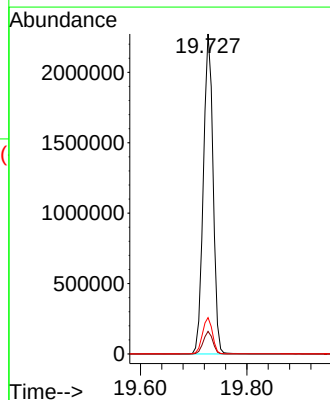
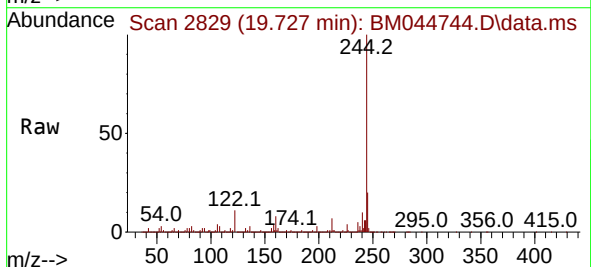
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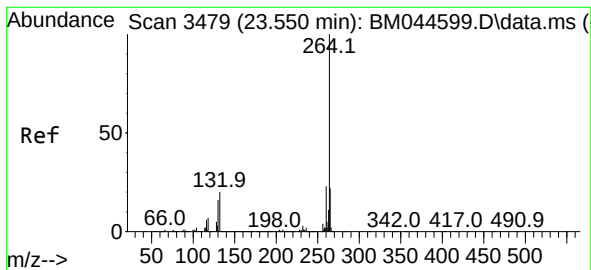
Tgt Ion:240 Resp: 646754
Ion Ratio Lower Upper
240 100
120 12.0 9.7 14.5
236 26.6 21.0 31.4



#79
Terphenyl-d14
Concen: 77.542 ng
RT: 19.727 min Scan# 2829
Delta R.T. -0.018 min
Lab File: BM044744.D
Acq: 22 Mar 2024 20:52

Tgt Ion:244 Resp: 2866807
Ion Ratio Lower Upper
244 100
212 7.1 5.5 8.3
122 11.3 9.7 14.5





#86

Perylene-d12

Concen: 20.000 ng

RT: 23.521 min Scan# 34

Delta R.T. -0.029 min

Lab File: BM044744.D

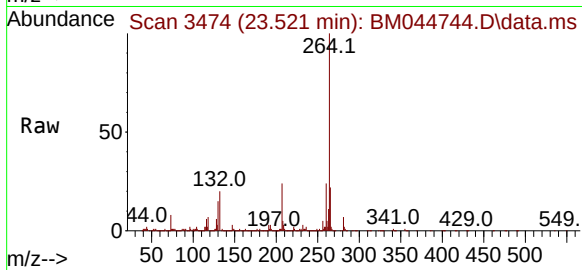
Acq: 22 Mar 2024 20:52

Instrument :

BNA_M

ClientSampleId :

PEZOMETER-200



Tgt Ion:264 Resp: 731956

Ion Ratio Lower Upper

264 100

260 23.7 18.3 27.5

265 22.3 17.5 26.3

