

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032324\
 Data File : BM044745.D
 Acq On : 22 Mar 2024 21:28
 Operator : MA/JU
 Sample : P1788-02
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PEZOMETER-206

Quant Time: Mar 22 23:04:00 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)

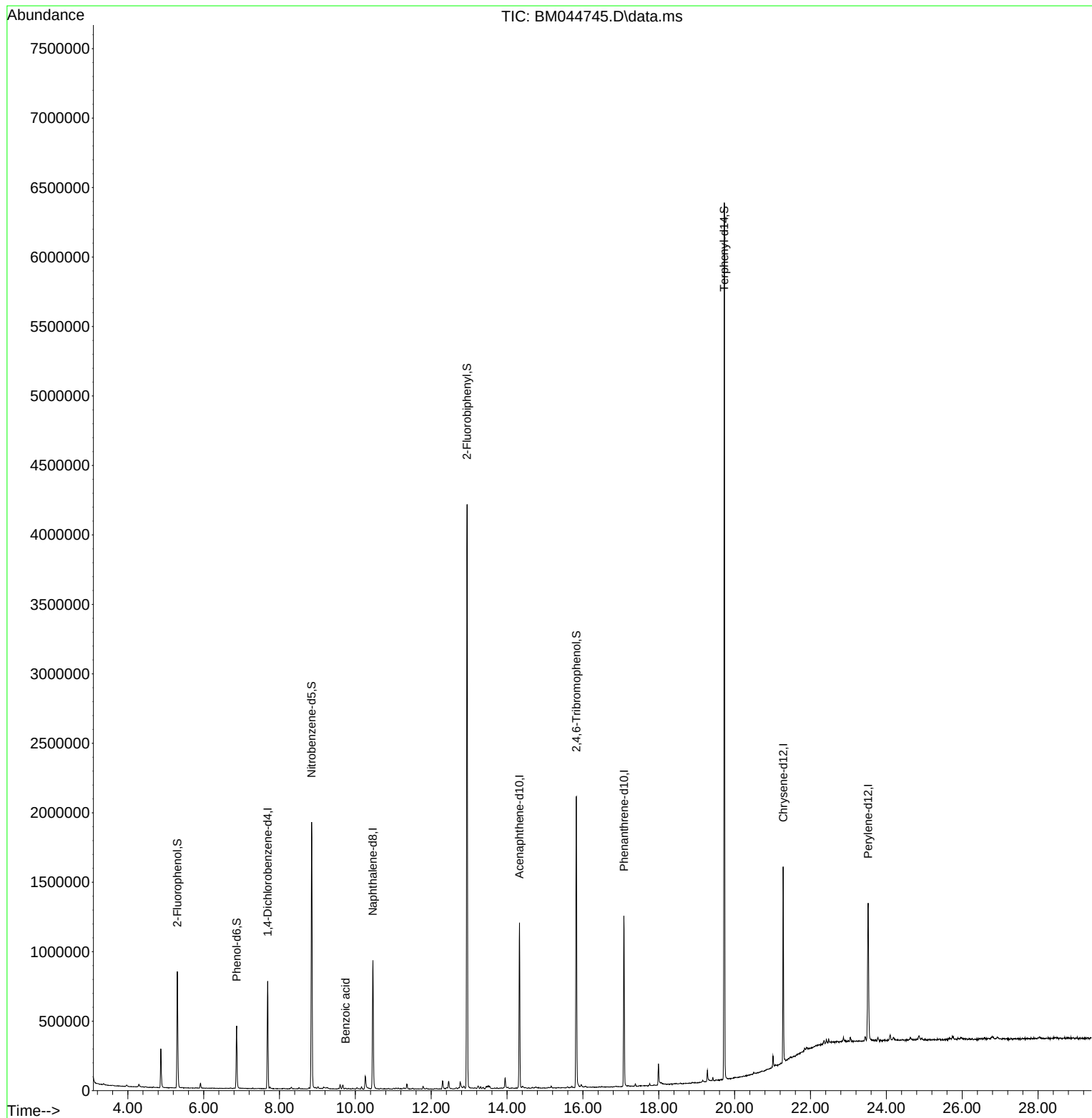
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.687	152	204133	20.000	ng	-0.02
21) Naphthalene-d8	10.463	136	742284	20.000	ng	-0.02
39) Acenaphthene-d10	14.328	164	396766	20.000	ng	-0.02
64) Phenanthrene-d10	17.080	188	717566	20.000	ng	-0.02
76) Chrysene-d12	21.280	240	614922	20.000	ng	-0.02
86) Perylene-d12	23.521	264	709252	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.305	112	395681	27.830	ng	0.00
7) Phenol-d6	6.869	99	276174	15.099	ng	-0.01
23) Nitrobenzene-d5	8.846	82	1112856	72.226	ng	-0.02
42) 2,4,6-Tribromophenol	15.828	330	356842	81.542	ng	-0.02
45) 2-Fluorobiphenyl	12.945	172	2138133	74.217	ng	-0.02
79) Terphenyl-d14	19.727	244	2899203	82.477	ng	-0.02
Target Compounds						
32) Benzoic acid	9.746	122	154	3.635	ng	Qvalue # 30

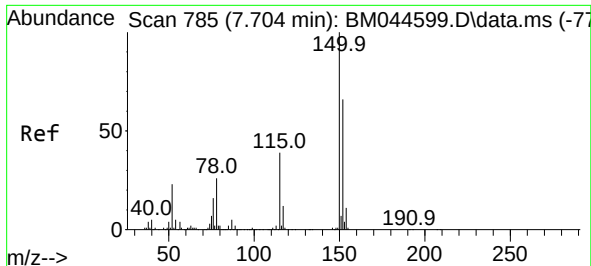
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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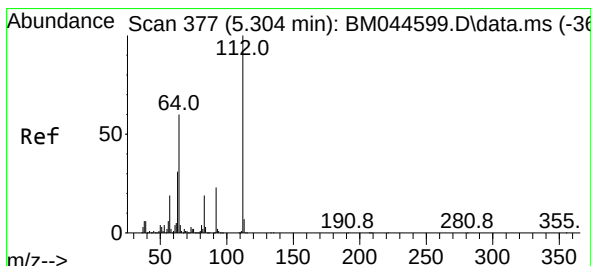
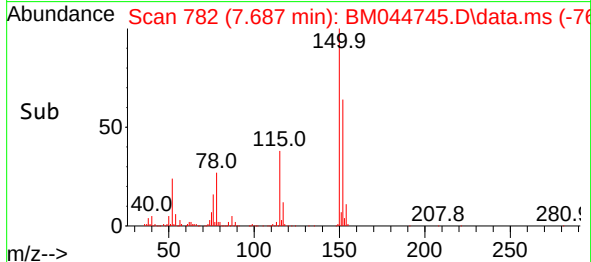
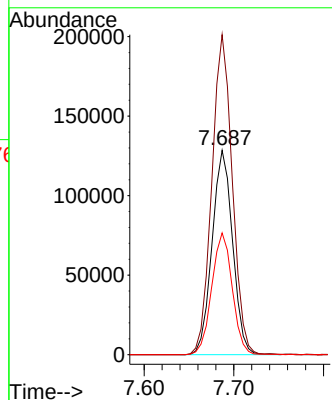
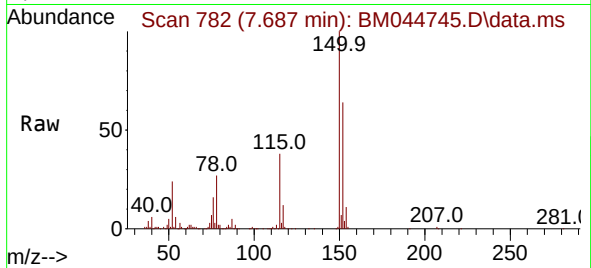




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.687 min Scan# 785
Delta R.T. -0.017 min
Lab File: BM044745.D
Acq: 22 Mar 2024 21:28

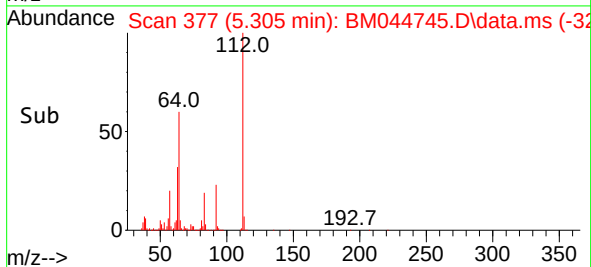
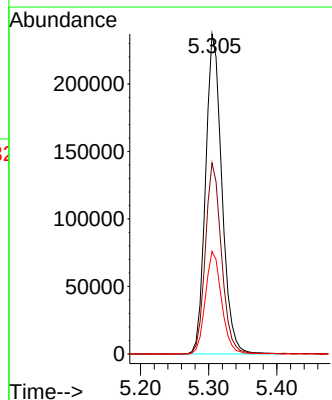
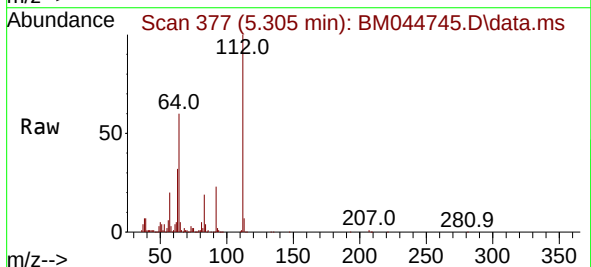
Instrument :
BNA_M
ClientSampleId :
PEZOMETER-206

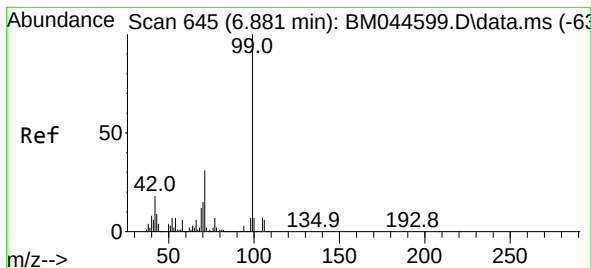
Tgt Ion:152 Resp: 204133
Ion Ratio Lower Upper
152 100
150 156.6 121.9 182.9
115 59.6 47.1 70.7



#5
2-Fluorophenol
Concen: 27.830 ng
RT: 5.305 min Scan# 377
Delta R.T. 0.000 min
Lab File: BM044745.D
Acq: 22 Mar 2024 21:28

Tgt Ion:112 Resp: 395681
Ion Ratio Lower Upper
112 100
64 59.7 47.9 71.9
63 32.1 25.0 37.4





#7

Phenol-d6

Concen: 15.099 ng

RT: 6.869 min Scan# 64

Delta R.T. -0.011 min

Lab File: BM044745.D

Acq: 22 Mar 2024 21:28

Instrument :

BNA_M

ClientSampleId :

PEZOMETER-206

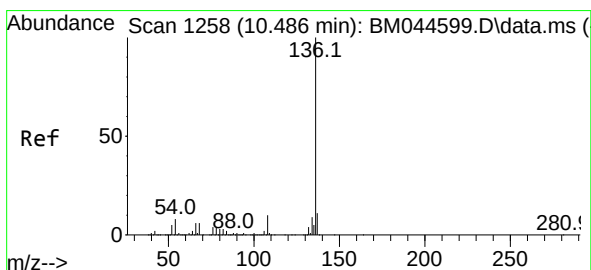
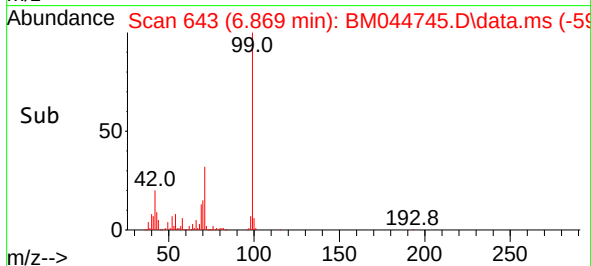
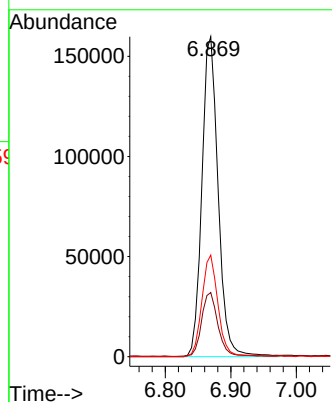
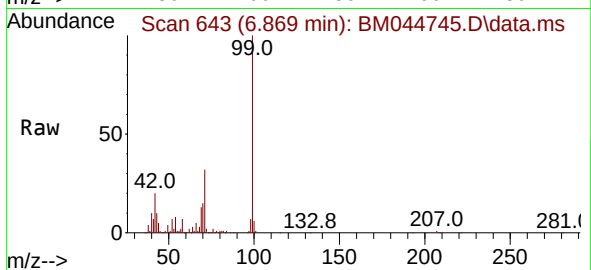
Tgt Ion: 99 Resp: 276174

Ion Ratio Lower Upper

99 100

42 20.0 14.3 21.5

71 31.7 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: BM044745.D

Acq: 22 Mar 2024 21:28

Tgt Ion: 136 Resp: 742284

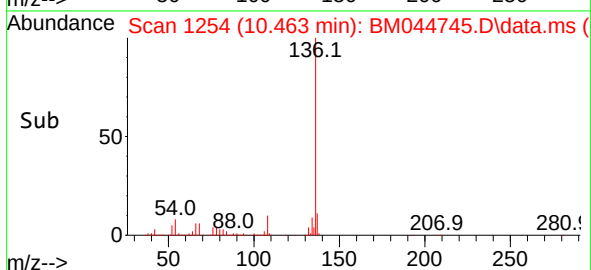
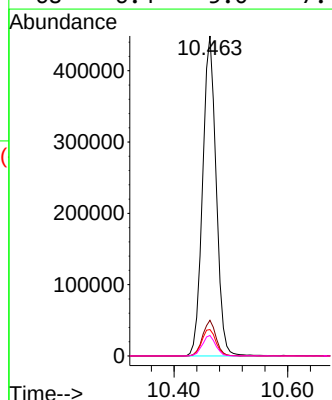
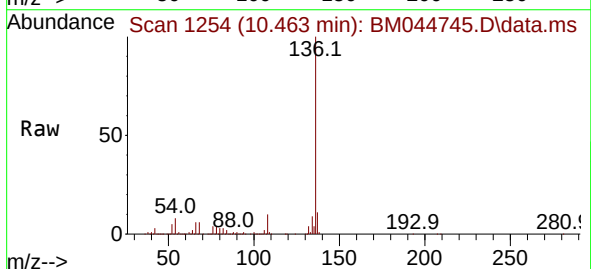
Ion Ratio Lower Upper

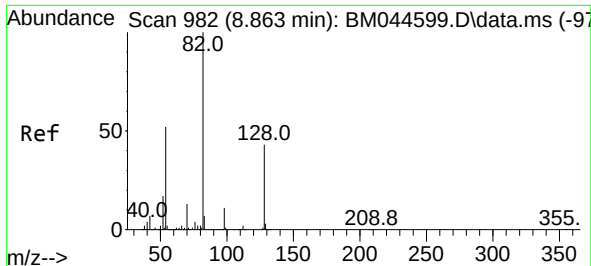
136 100

137 11.2 8.9 13.3

54 8.3 6.6 10.0

68 6.4 5.0 7.4

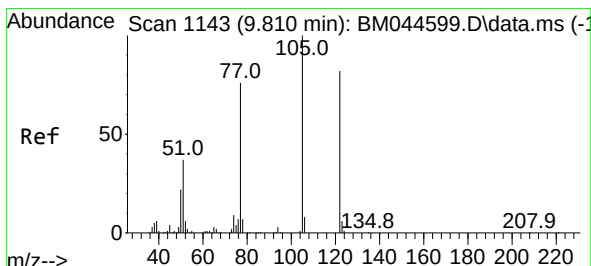
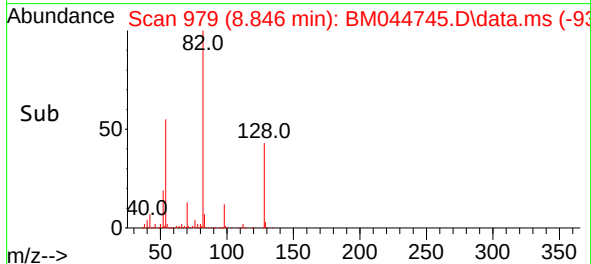
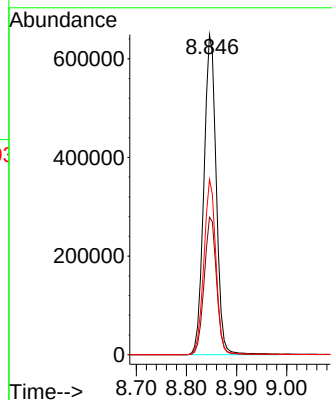
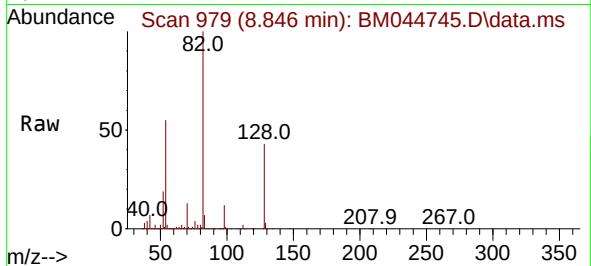




#23
Nitrobenzene-d5
Concen: 72.226 ng
RT: 8.846 min Scan# 911
Delta R.T. -0.017 min
Lab File: BM044745.D
Acq: 22 Mar 2024 21:28

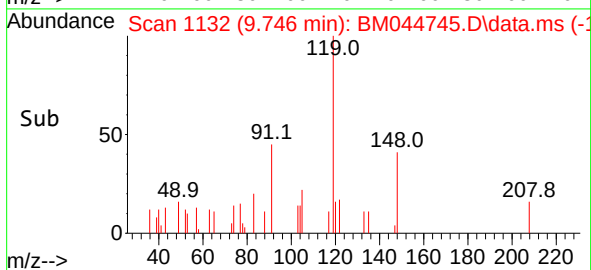
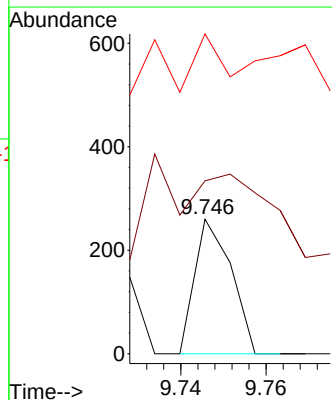
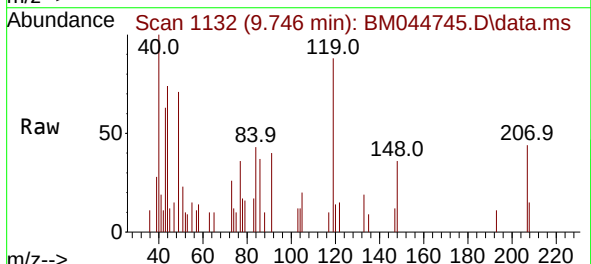
Instrument :
BNA_M
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PEZOMETER-206

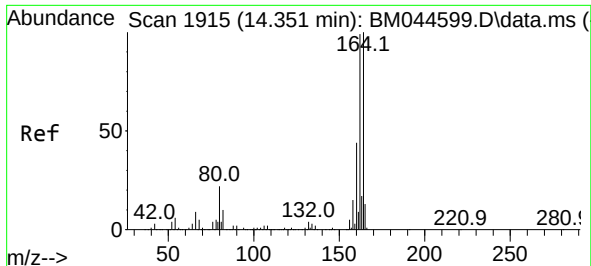
Tgt Ion: 82 Resp: 1112856
Ion Ratio Lower Upper
82 100
128 42.9 34.2 51.4
54 54.7 41.3 61.9



#32
Benzoic acid
Concen: 3.635 ng
RT: 9.746 min Scan# 1132
Delta R.T. -0.064 min
Lab File: BM044745.D
Acq: 22 Mar 2024 21:28

Tgt Ion: 122 Resp: 154
Ion Ratio Lower Upper
122 100
105 128.5 100.0 140.0
77 237.7 72.5 112.5#

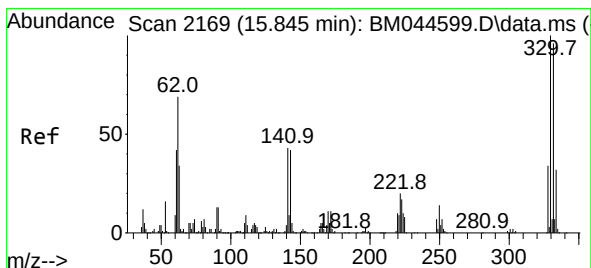
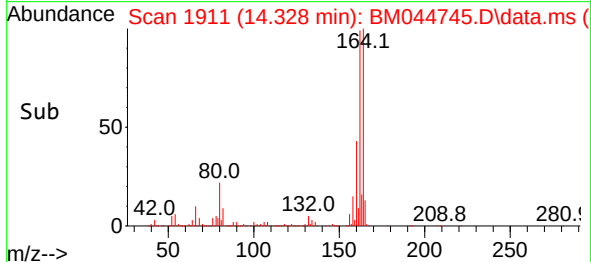
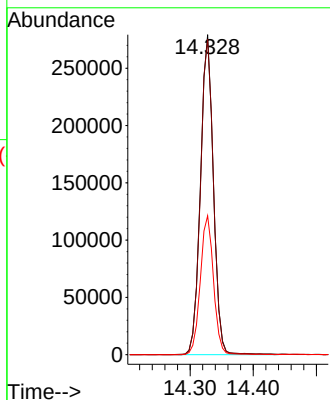
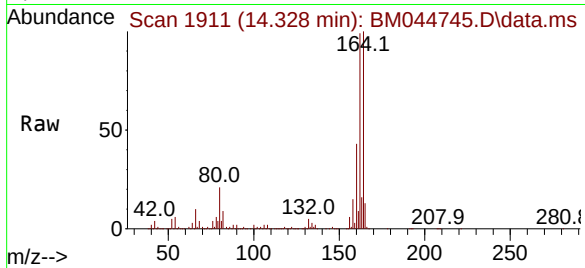




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.328 min Scan# 1911
Delta R.T. -0.023 min
Lab File: BM044745.D
Acq: 22 Mar 2024 21:28

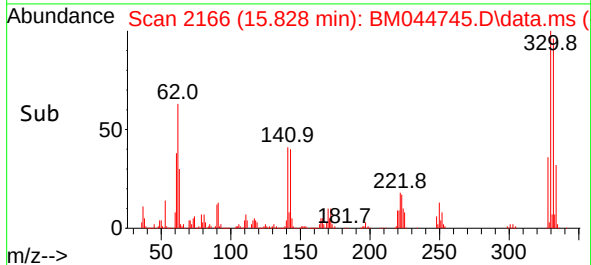
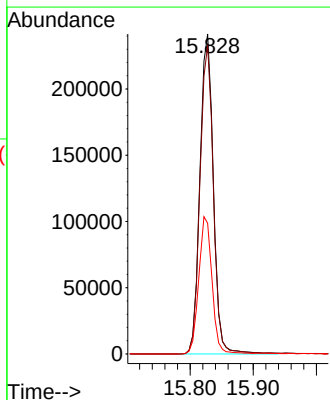
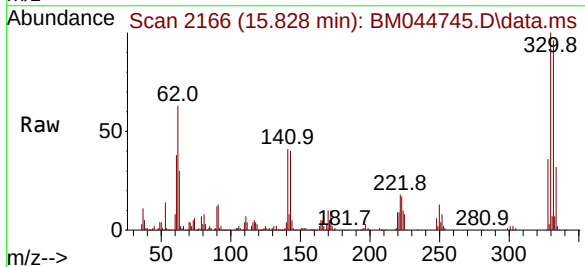
Instrument :
BNA_M
ClientSampleId :
PEZOMETER-206

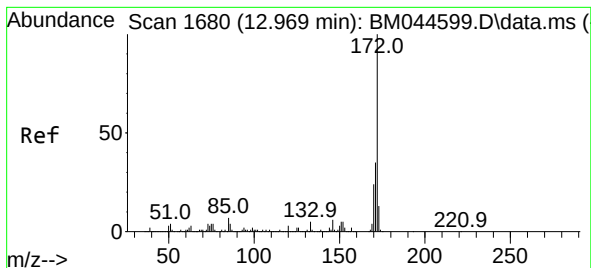
Tgt Ion:164 Resp: 396766
Ion Ratio Lower Upper
164 100
162 98.6 79.3 118.9
160 43.4 35.2 52.8



#42
2,4,6-Tribromophenol
Concen: 81.542 ng
RT: 15.828 min Scan# 2166
Delta R.T. -0.017 min
Lab File: BM044745.D
Acq: 22 Mar 2024 21:28

Tgt Ion:330 Resp: 356842
Ion Ratio Lower Upper
330 100
332 96.0 77.8 116.8
141 42.4 33.4 50.0





#45

2-Fluorobiphenyl

Concen: 74.217 ng

RT: 12.945 min Scan# 1

Delta R.T. -0.023 min

Lab File: BM044745.D

Acq: 22 Mar 2024 21:28

Instrument :

BNA_M

ClientSampleId :

PEZOMETER-206

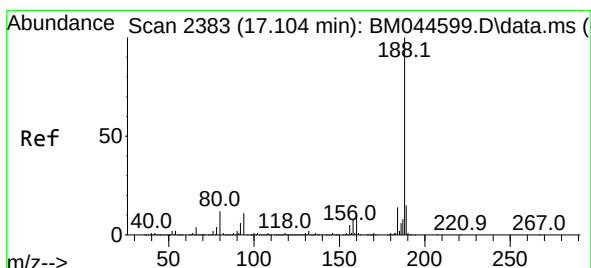
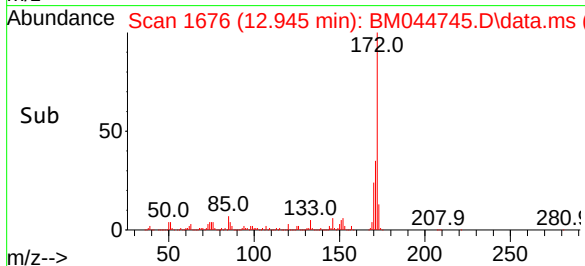
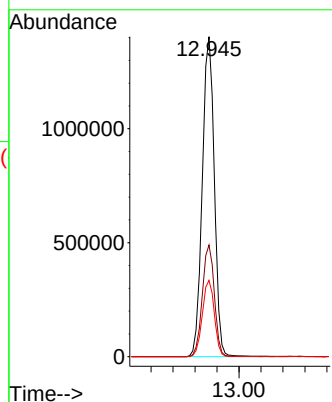
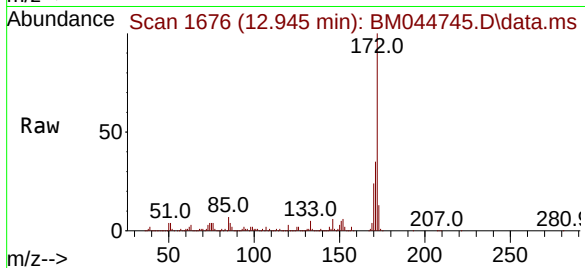
Tgt Ion:172 Resp: 2138133

Ion Ratio Lower Upper

172 100

171 34.9 28.2 42.2

170 23.9 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: BM044745.D

Acq: 22 Mar 2024 21:28

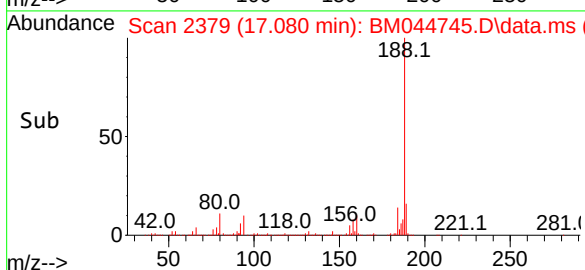
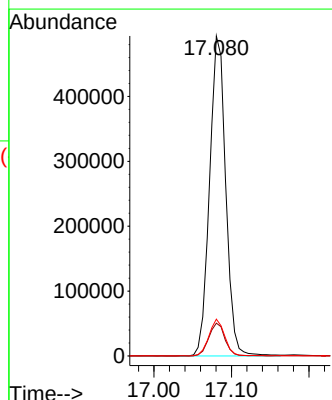
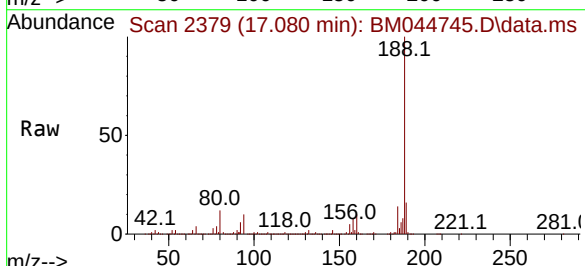
Tgt Ion:188 Resp: 717566

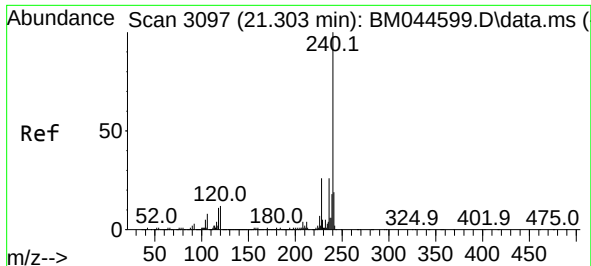
Ion Ratio Lower Upper

188 100

94 10.3 8.4 12.6

80 11.5 9.4 14.0

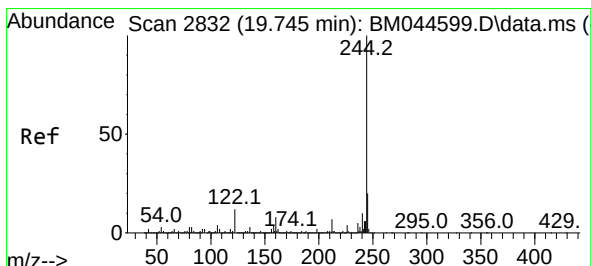
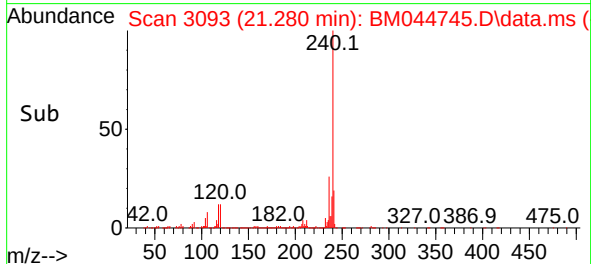
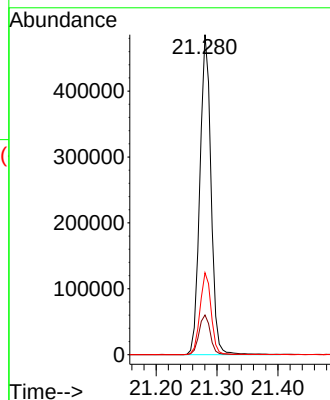
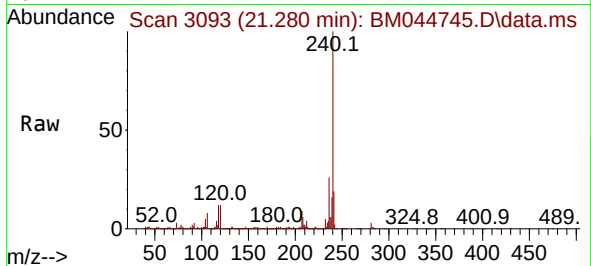




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.280 min Scan# 3097
Delta R.T. -0.023 min
Lab File: BM044745.D
Acq: 22 Mar 2024 21:28

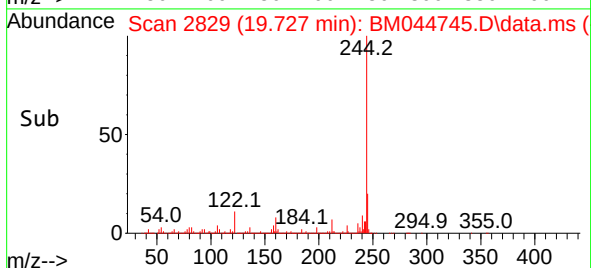
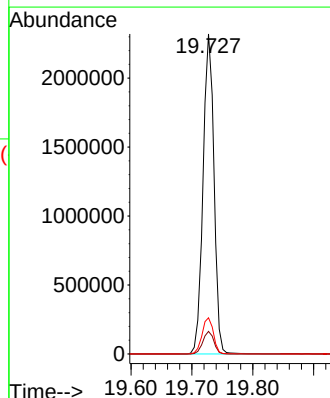
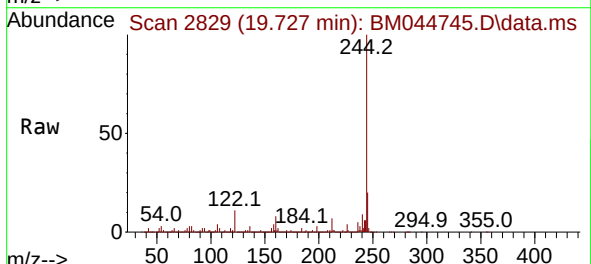
Instrument :
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PEZOMETER-206

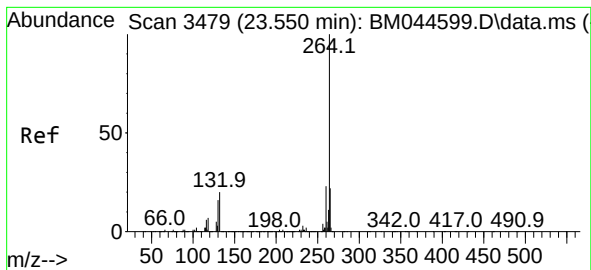
Tgt Ion:240 Resp: 614922
Ion Ratio Lower Upper
240 100
120 12.4 9.7 14.5
236 25.6 21.0 31.4



#79
Terphenyl-d14
Concen: 82.477 ng
RT: 19.727 min Scan# 2829
Delta R.T. -0.017 min
Lab File: BM044745.D
Acq: 22 Mar 2024 21:28

Tgt Ion:244 Resp: 2899203
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: BM044745.D

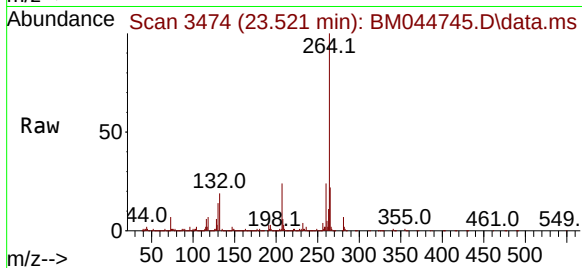
Acq: 22 Mar 2024 21:28

Instrument :

BNA_M

ClientSampleId :

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Tgt Ion:264 Resp: 709252

Ion Ratio Lower Upper

264 100

260 24.1 18.3 27.5

265 21.9 17.5 26.3

