

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032524\
Data File : BM044755.D
Acq On : 25 Mar 2024 14:46
Operator : MA/JU
Sample : P1788-02RE
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PEZOMETER-206RE

Quant Time: Mar 25 15:35:14 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	7.692	152	153419	20.000	ng	-0.01
21) Naphthalene-d8	10.469	136	632721	20.000	ng	-0.02
39) Acenaphthene-d10	14.333	164	394878	20.000	ng	-0.02
64) Phenanthrene-d10	17.092	188	793815	20.000	ng	-0.01
76) Chrysene-d12	21.286	240	649621	20.000	ng	-0.02
86) Perylene-d12	23.533	264	647535	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.304	112	302899	28.347	ng	0.00
7) Phenol-d6	6.869	99	233634	16.995	ng	-0.01
23) Nitrobenzene-d5	8.851	82	929671	70.786	ng	-0.01
42) 2,4,6-Tribromophenol	15.833	330	382467	87.815	ng	-0.01
45) 2-Fluorobiphenyl	12.951	172	2005038	69.930	ng	-0.02
79) Terphenyl-d14	19.733	244	3048385	82.089	ng	-0.01

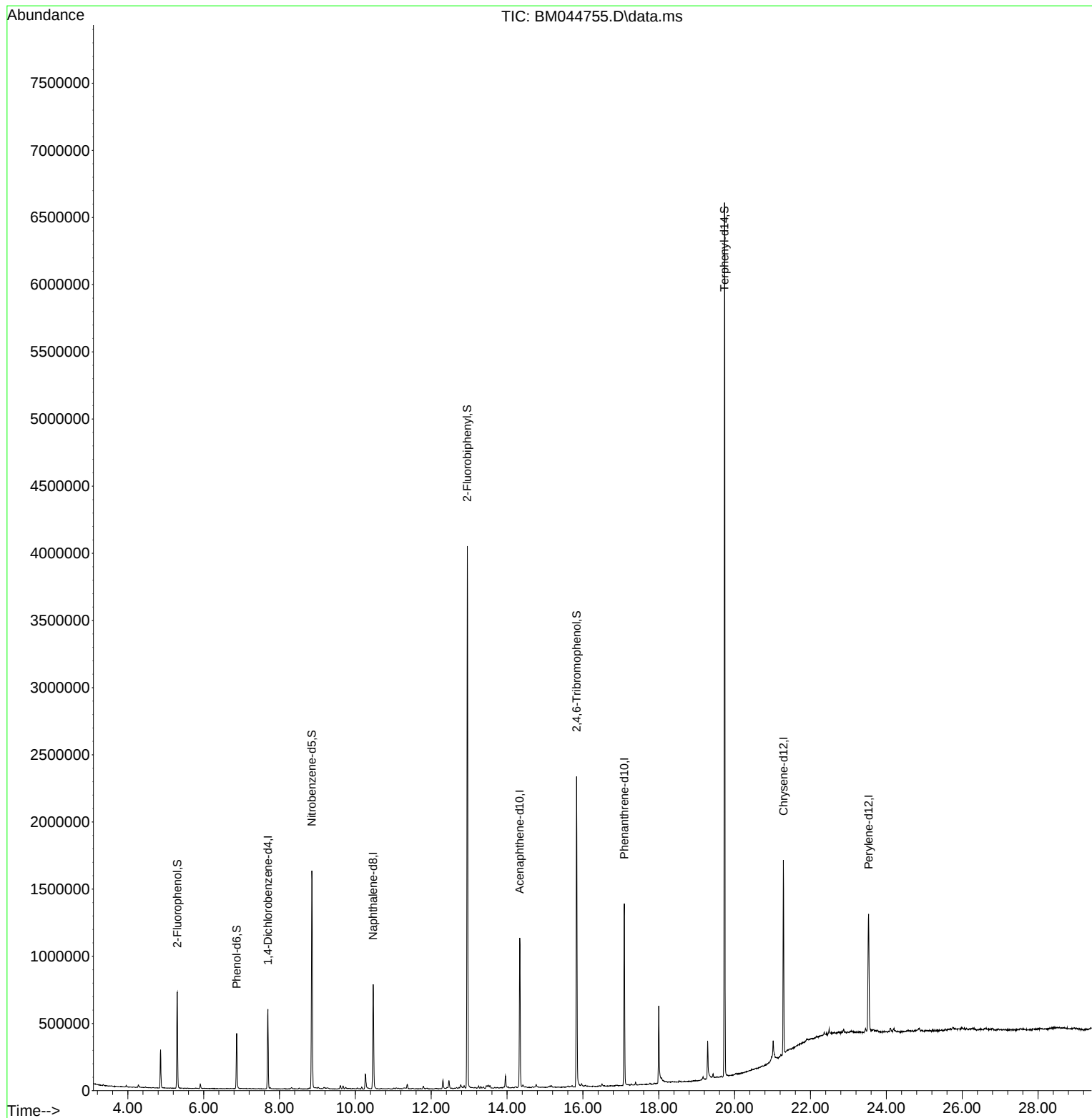
Target Compounds	Qvalue

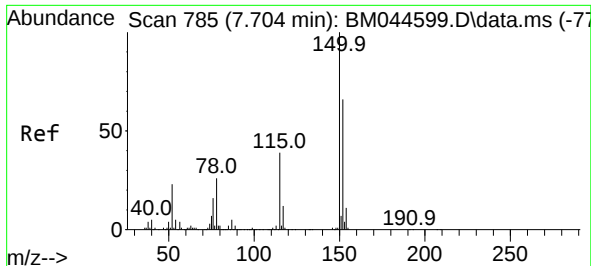
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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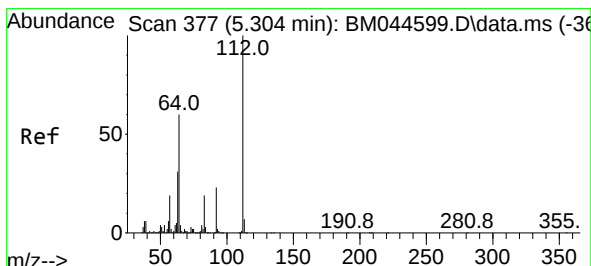
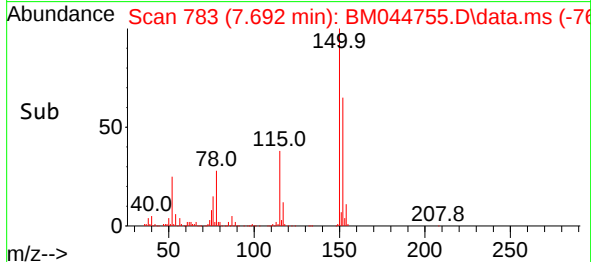
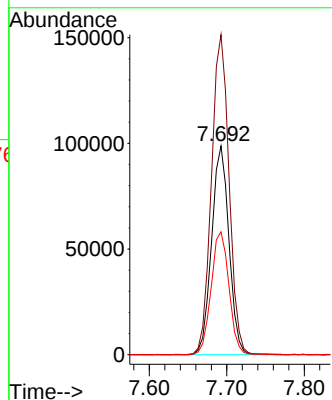
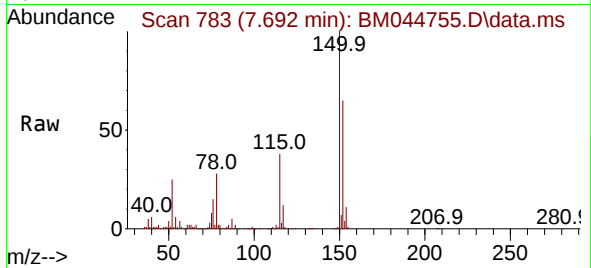




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.692 min Scan# 783
Delta R.T. -0.012 min
Lab File: BM044755.D
Acq: 25 Mar 2024 14:46

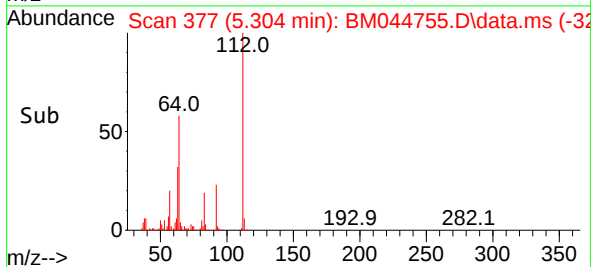
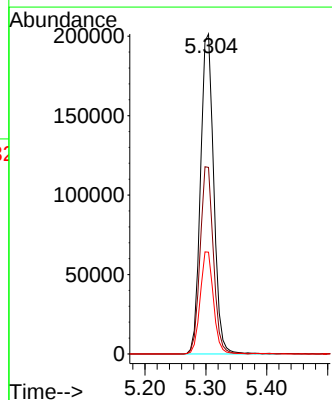
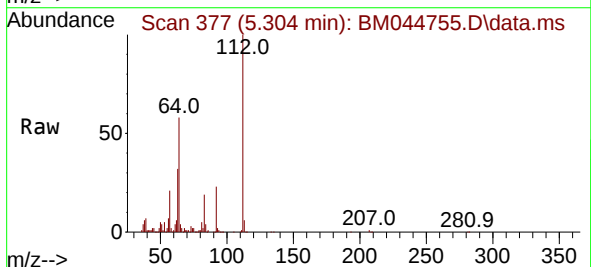
Instrument :
BNA_M
ClientSampleId :
PEZOMETER-206RE

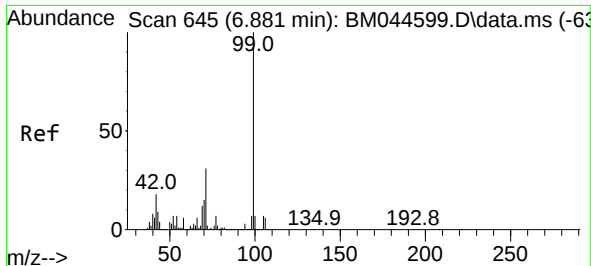
Tgt Ion:152 Resp: 153419
Ion Ratio Lower Upper
152 100
150 153.3 121.9 182.9
115 58.9 47.1 70.7



#5
2-Fluorophenol
Concen: 28.347 ng
RT: 5.304 min Scan# 377
Delta R.T. 0.000 min
Lab File: BM044755.D
Acq: 25 Mar 2024 14:46

Tgt Ion:112 Resp: 302899
Ion Ratio Lower Upper
112 100
64 58.3 47.9 71.9
63 31.8 25.0 37.4

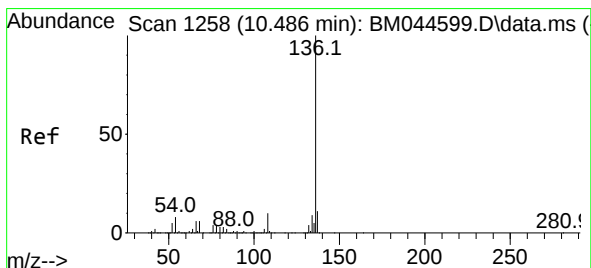
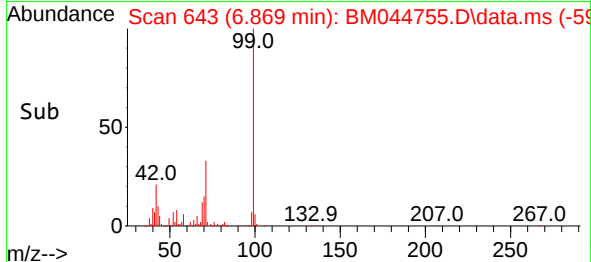
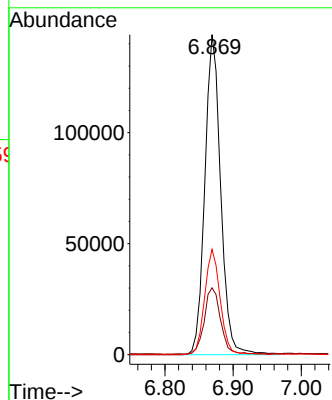
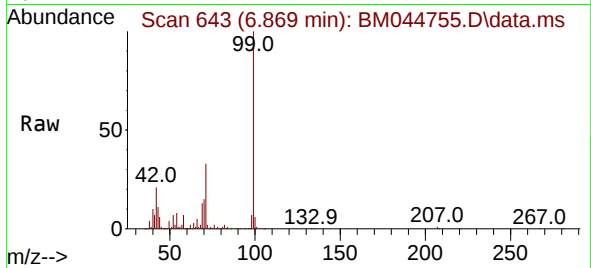




#7
Phenol-d6
Concen: 16.995 ng
RT: 6.869 min Scan# 64
Delta R.T. -0.012 min
Lab File: BM044755.D
Acq: 25 Mar 2024 14:46

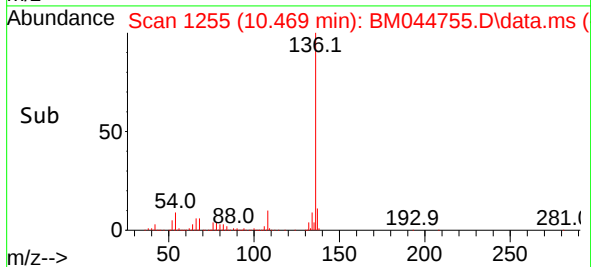
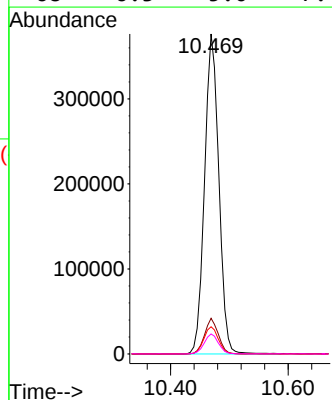
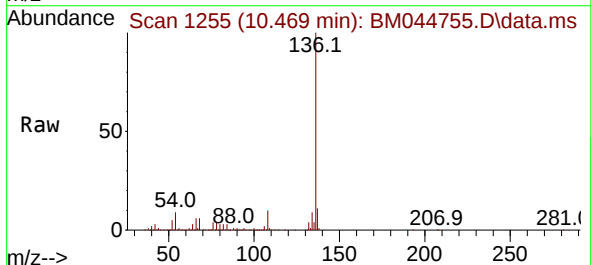
Instrument :
BNA_M
ClientSampleId :
PEZOMETER-206RE

Tgt Ion: 99 Resp: 233634
Ion Ratio Lower Upper
99 100
42 20.9 14.3 21.5
71 32.9 24.5 36.7



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.469 min Scan# 1255
Delta R.T. -0.018 min
Lab File: BM044755.D
Acq: 25 Mar 2024 14:46

Tgt Ion: 136 Resp: 632721
Ion Ratio Lower Upper
136 100
137 11.2 8.9 13.3
54 8.5 6.6 10.0
68 6.3 5.0 7.4

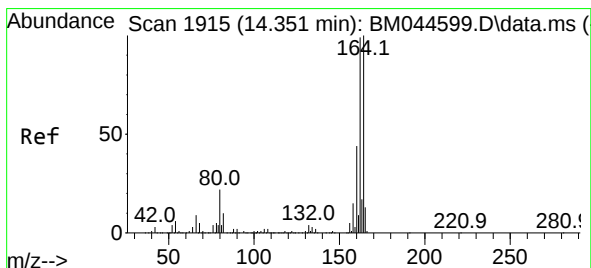
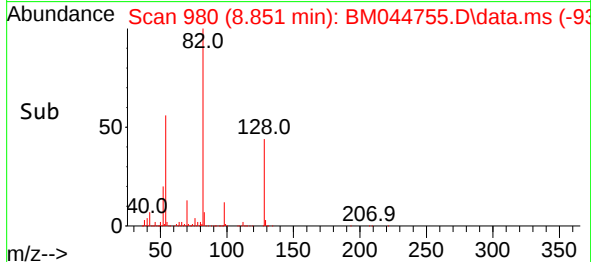
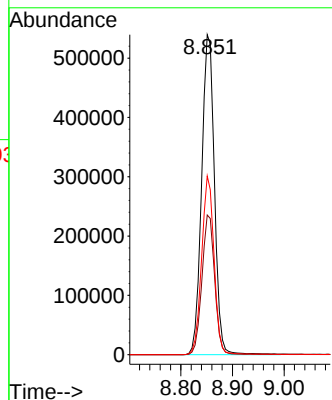
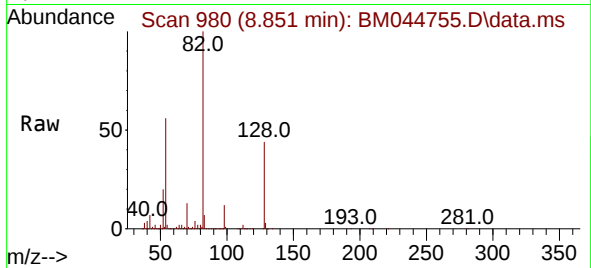




#23
Nitrobenzene-d5
Concen: 70.786 ng
RT: 8.851 min Scan# 91
Delta R.T. -0.012 min
Lab File: BM044755.D
Acq: 25 Mar 2024 14:46

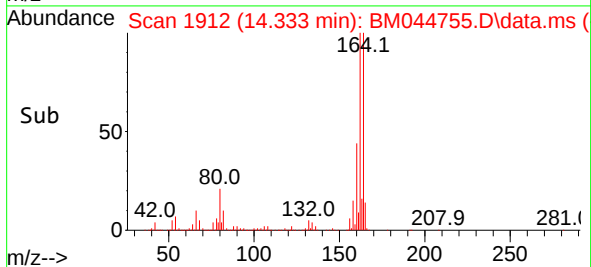
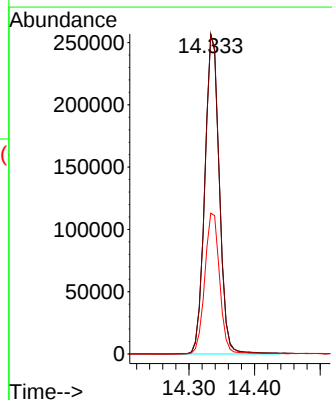
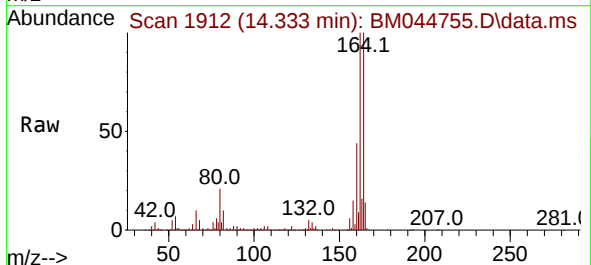
Instrument :
BNA_M
ClientSampleId :
PEZOMETER-206RE

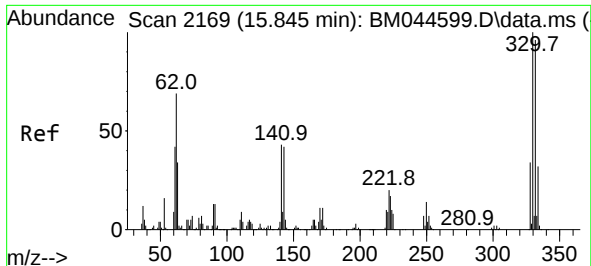
Tgt Ion: 82 Resp: 929671
Ion Ratio Lower Upper
82 100
128 43.7 34.2 51.4
54 55.8 41.3 61.9



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.333 min Scan# 1912
Delta R.T. -0.018 min
Lab File: BM044755.D
Acq: 25 Mar 2024 14:46

Tgt Ion: 164 Resp: 394878
Ion Ratio Lower Upper
164 100
162 99.7 79.3 118.9
160 44.0 35.2 52.8

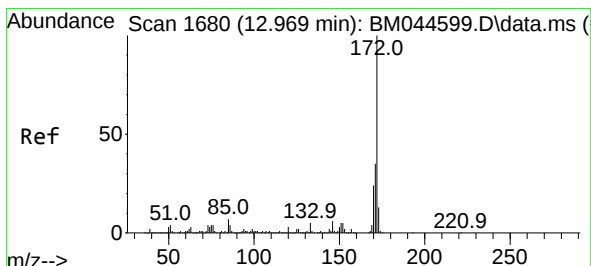
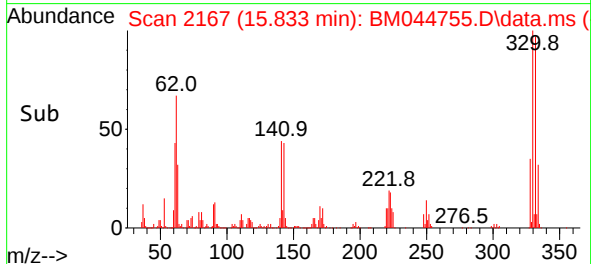
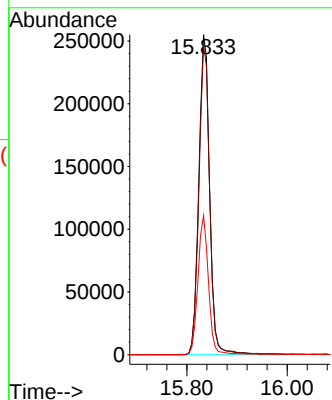
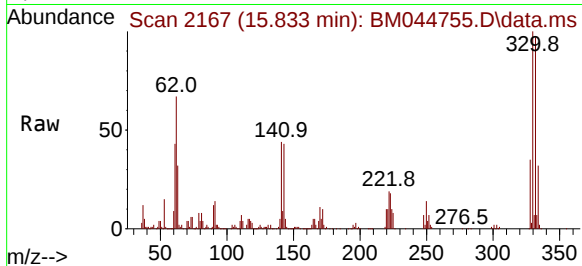




#42
2,4,6-Tribromophenol
Concen: 87.815 ng
RT: 15.833 min Scan# 2167
Delta R.T. -0.012 min
Lab File: BM044755.D
Acq: 25 Mar 2024 14:46

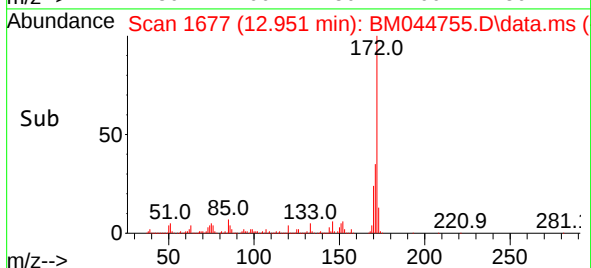
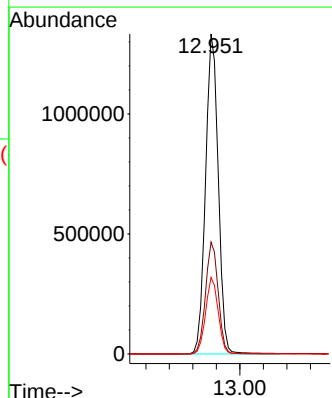
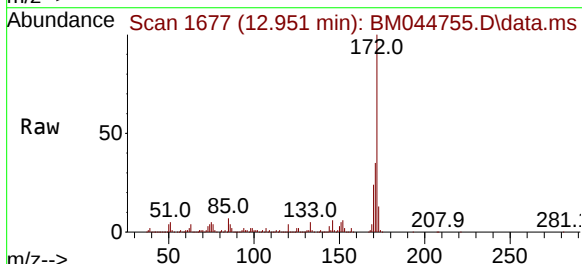
Instrument :
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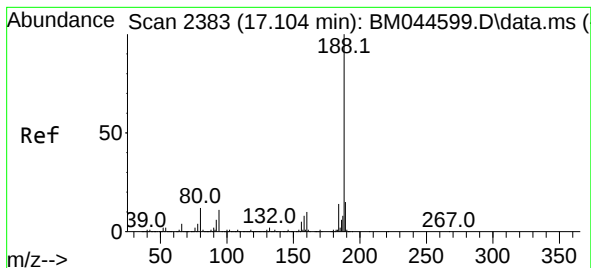
Tgt Ion:330 Resp: 382467
Ion Ratio Lower Upper
330 100
332 96.1 77.8 116.8
141 42.5 33.4 50.0



#45
2-Fluorobiphenyl
Concen: 69.930 ng
RT: 12.951 min Scan# 1677
Delta R.T. -0.018 min
Lab File: BM044755.D
Acq: 25 Mar 2024 14:46

Tgt Ion:172 Resp: 2005038
Ion Ratio Lower Upper
172 100
171 35.0 28.2 42.2
170 23.9 19.0 28.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.092 min Scan# 21

Delta R.T. -0.012 min

Lab File: BM044755.D

Acq: 25 Mar 2024 14:46

Instrument :

BNA_M

ClientSampleId :

PEZOMETER-206RE

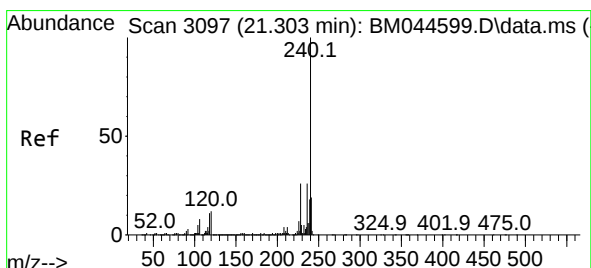
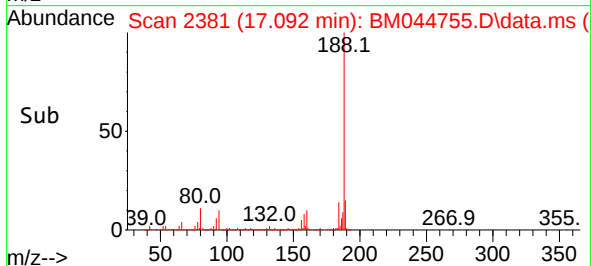
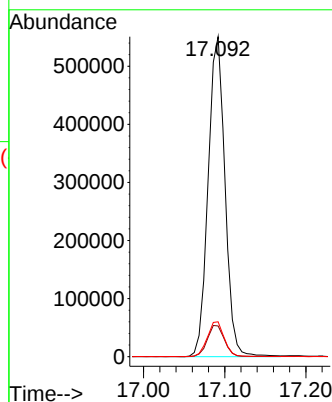
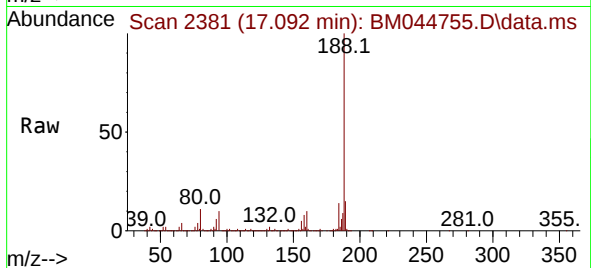
Tgt Ion:188 Resp: 793815

Ion Ratio Lower Upper

188 100

94 9.6 8.4 12.6

80 10.9 9.4 14.0



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.286 min Scan# 3094

Delta R.T. -0.018 min

Lab File: BM044755.D

Acq: 25 Mar 2024 14:46

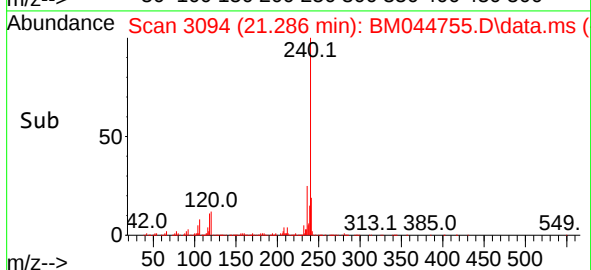
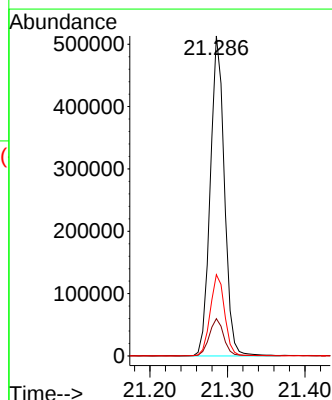
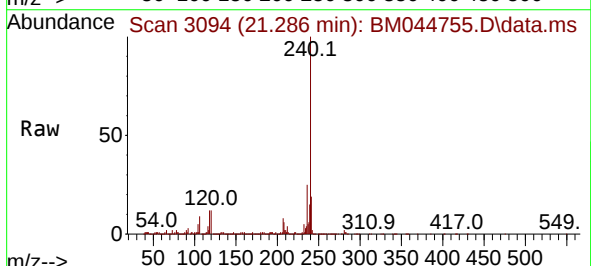
Tgt Ion:240 Resp: 649621

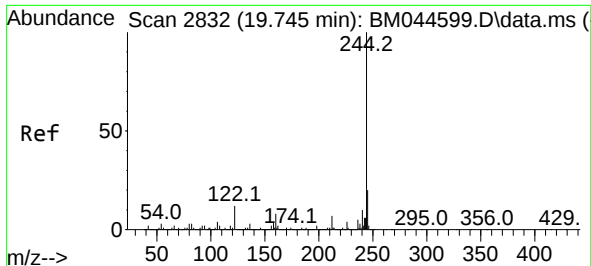
Ion Ratio Lower Upper

240 100

120 11.7 9.7 14.5

236 25.4 21.0 31.4

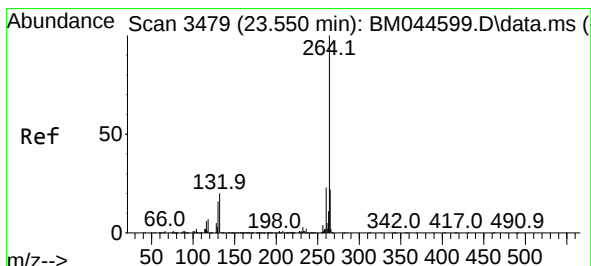
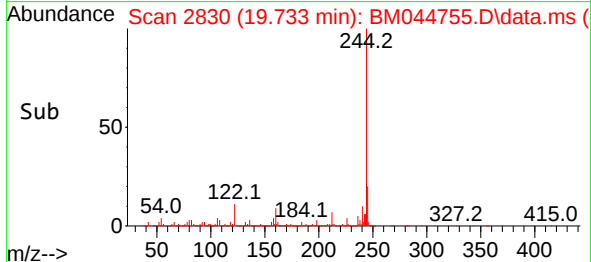
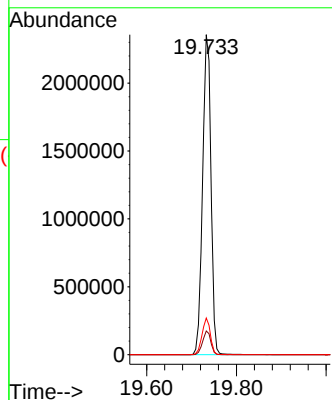
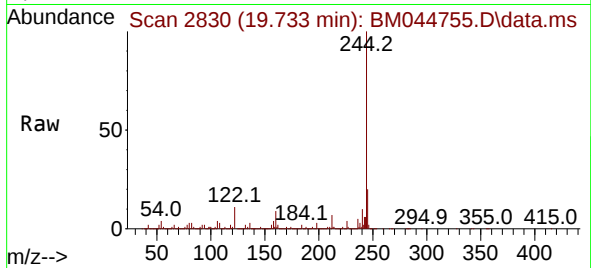




#79
 Terphenyl-d14
 Concen: 82.089 ng
 RT: 19.733 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: BM044755.D
 Acq: 25 Mar 2024 14:46

Instrument :
 BNA_M
 ClientSampleId :
 PEZOMETER-206RE

Tgt Ion:244 Resp: 3048385
 Ion Ratio Lower Upper
 244 100
 212 7.4 5.5 8.3
 122 11.5 9.7 14.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.533 min Scan# 3476
 Delta R.T. -0.018 min
 Lab File: BM044755.D
 Acq: 25 Mar 2024 14:46

Tgt Ion:264 Resp: 647535
 Ion Ratio Lower Upper
 264 100
 260 24.0 18.3 27.5
 265 22.2 17.5 26.3

