

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032624\
 Data File : BM044775.D
 Acq On : 26 Mar 2024 19:03
 Operator : MA/JU
 Sample : P1861-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 HD-02-03252024

Quant Time: Mar 27 01:10:38 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)

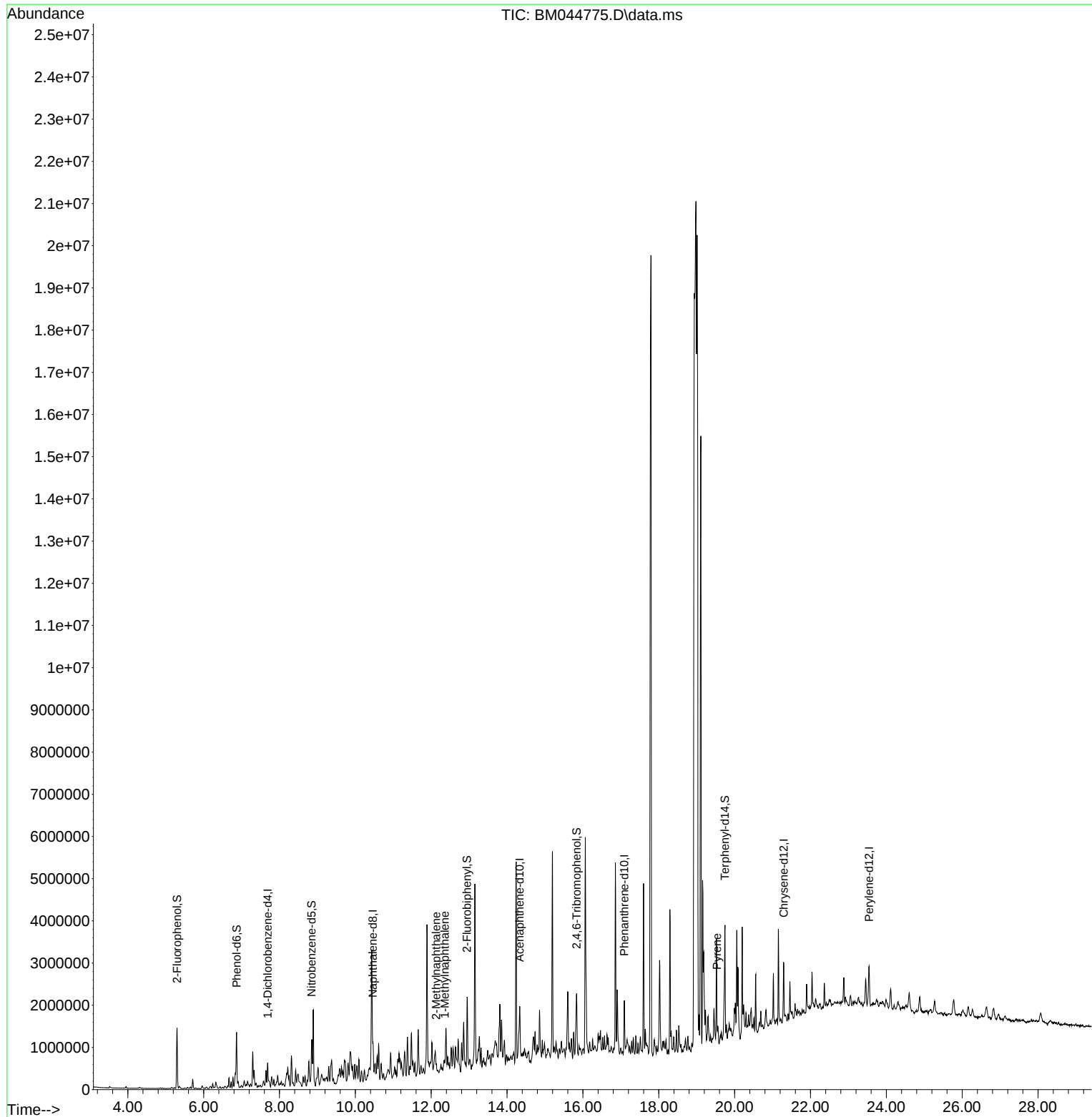
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.686	152	154611	20.000	ng	-0.02
21) Naphthalene-d8	10.463	136	589327	20.000	ng	#-0.02
39) Acenaphthene-d10	14.333	164	339481	20.000	ng	-0.02
64) Phenanthrene-d10	17.092	188	648380	20.000	ng	-0.01
76) Chrysene-d12	21.291	240	583513	20.000	ng	-0.01
86) Perylene-d12	23.544	264	672982	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.298	112	590785	54.863	ng	0.00
7) Phenol-d6	6.869	99	742272	53.579	ng	-0.01
23) Nitrobenzene-d5	8.845	82	459505	37.563	ng	-0.02
42) 2,4,6-Tribromophenol	15.833	330	237641	63.467	ng	-0.01
45) 2-Fluorobiphenyl	12.945	172	892855	36.222	ng	-0.02
79) Terphenyl-d14	19.745	244	1212821	36.360	ng	0.00
Target Compounds						Qvalue
37) 2-Methylnaphthalene	12.133	142	113140	5.154	ng	97
38) 1-Methylnaphthalene	12.357	142	72892	3.563	ng	# 92
78) Pyrene	19.533	202	117980	2.759	ng	# 94

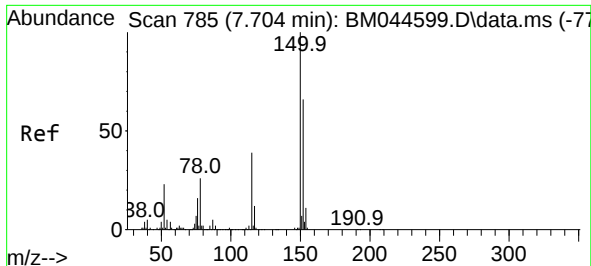
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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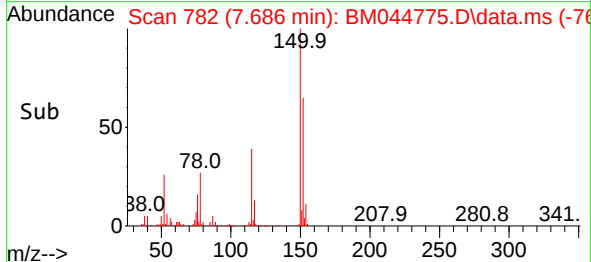
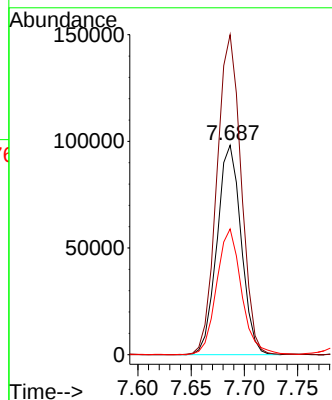
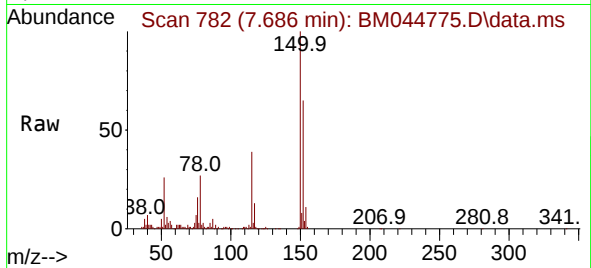




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.686 min Scan# 71
Delta R.T. -0.018 min
Lab File: BM044775.D
Acq: 26 Mar 2024 19:03

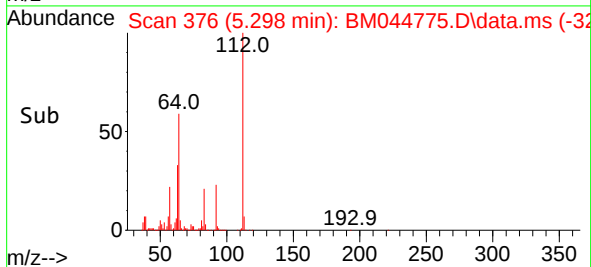
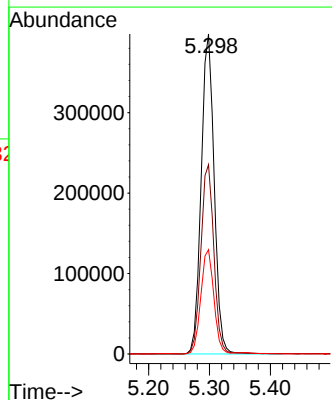
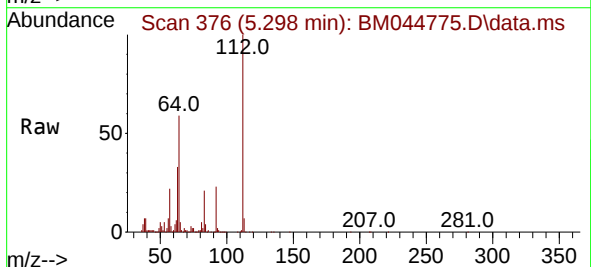
Instrument :
BNA_M
ClientSampleId :
HD-02-03252024

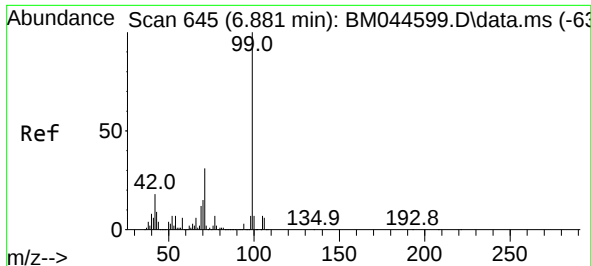
Tgt Ion:152 Resp: 154611
Ion Ratio Lower Upper
152 100
150 152.7 121.9 182.9
115 60.1 47.1 70.7



#5
2-Fluorophenol
Concen: 54.863 ng
RT: 5.298 min Scan# 376
Delta R.T. -0.006 min
Lab File: BM044775.D
Acq: 26 Mar 2024 19:03

Tgt Ion:112 Resp: 590785
Ion Ratio Lower Upper
112 100
64 59.2 47.9 71.9
63 32.6 25.0 37.4

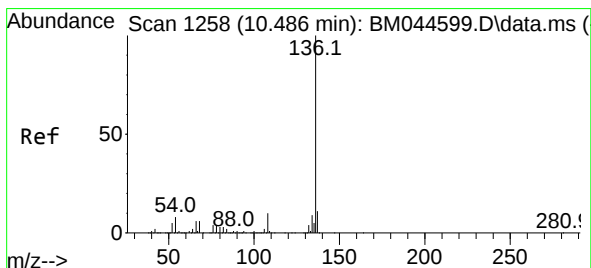
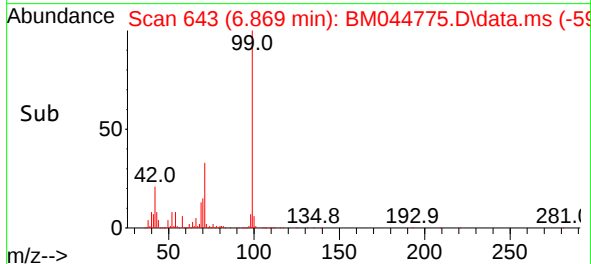
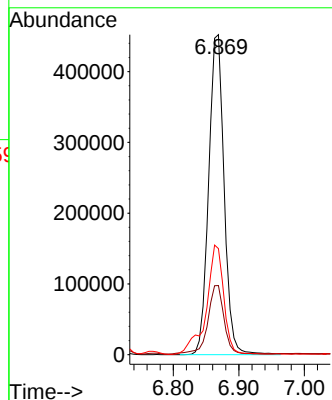
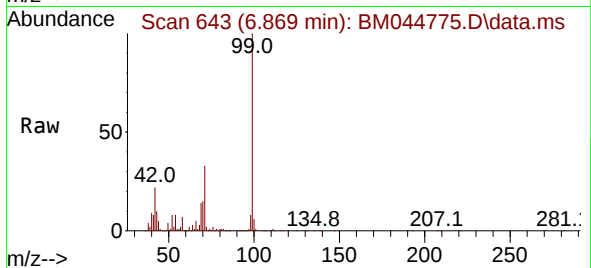




#7
Phenol-d6
Concen: 53.579 ng
RT: 6.869 min Scan# 64
Delta R.T. -0.012 min
Lab File: BM044775.D
Acq: 26 Mar 2024 19:03

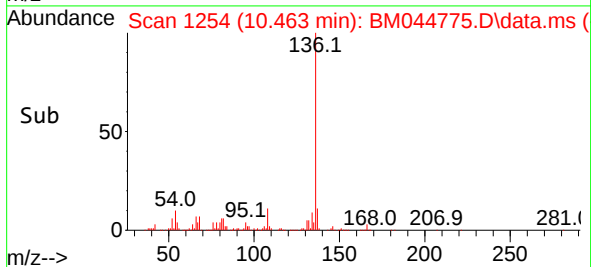
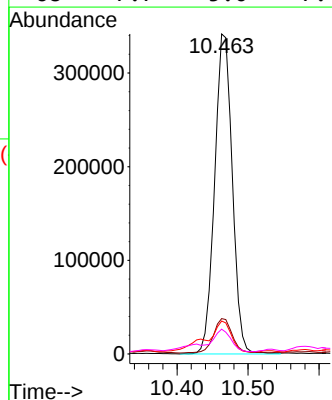
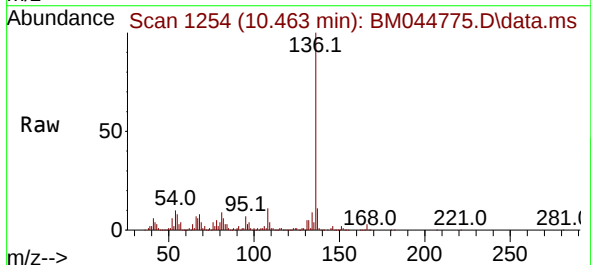
Instrument :
BNA_M
ClientSampleId :
HD-02-03252024

Tgt Ion: 99 Resp: 742272
Ion Ratio Lower Upper
99 100
42 21.6 14.3 21.5#
71 33.1 24.5 36.7



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.463 min Scan# 1254
Delta R.T. -0.024 min
Lab File: BM044775.D
Acq: 26 Mar 2024 19:03

Tgt Ion: 136 Resp: 589327
Ion Ratio Lower Upper
136 100
137 11.1 8.9 13.3
54 10.3 6.6 10.0#
68 7.7 5.0 7.4#

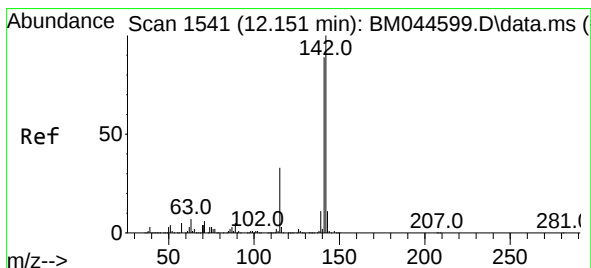
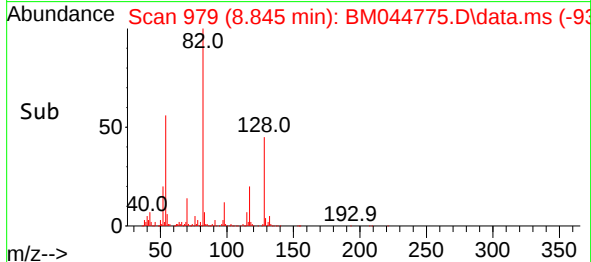
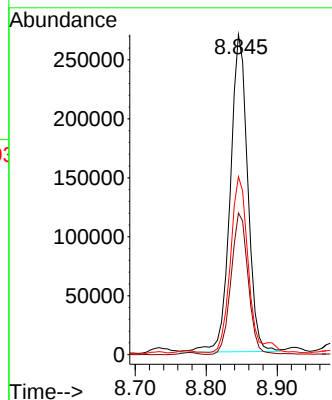
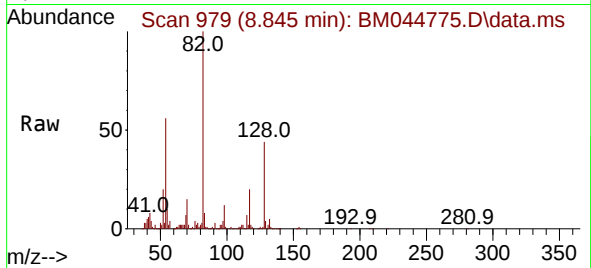




#23
Nitrobenzene-d5
Concen: 37.563 ng
RT: 8.845 min Scan# 91
Delta R.T. -0.018 min
Lab File: BM044775.D
Acq: 26 Mar 2024 19:03

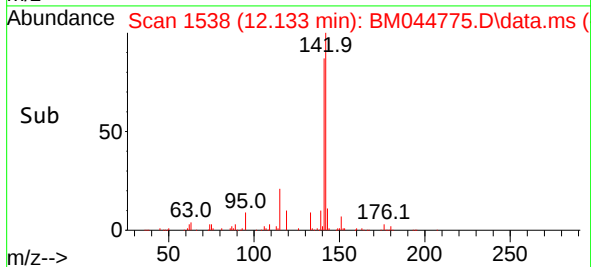
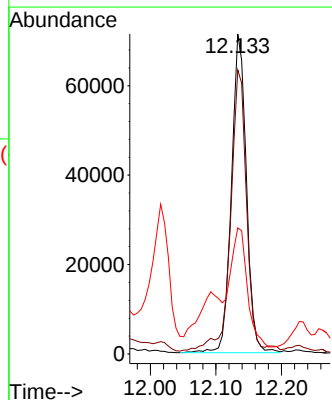
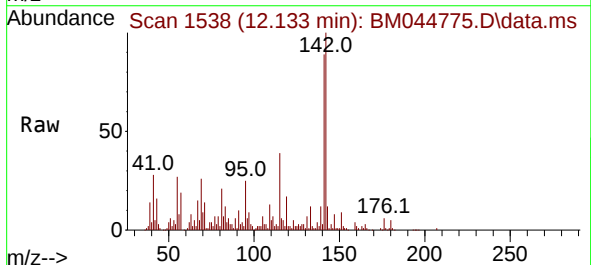
Instrument :
BNA_M
ClientSampleId :
HD-02-03252024

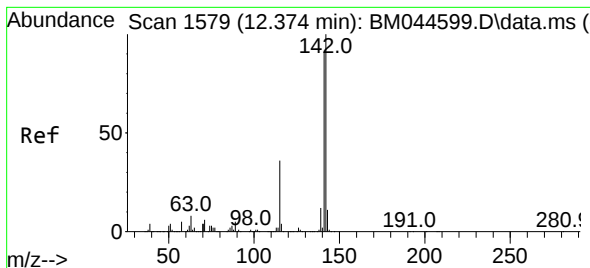
Tgt Ion: 82 Resp: 459505
Ion Ratio Lower Upper
82 100
128 44.3 34.2 51.4
54 55.6 41.3 61.9



#37
2-Methylnaphthalene
Concen: 5.154 ng
RT: 12.133 min Scan# 1538
Delta R.T. -0.018 min
Lab File: BM044775.D
Acq: 26 Mar 2024 19:03

Tgt Ion: 142 Resp: 113140
Ion Ratio Lower Upper
142 100
141 88.8 71.0 106.6
115 39.4 26.6 40.0





#38

1-Methylnaphthalene

Concen: 3.563 ng

RT: 12.357 min Scan# 1

Delta R.T. -0.018 min

Lab File: BM044775.D

Acq: 26 Mar 2024 19:03

Instrument :

BNA_M

ClientSampleId :

HD-02-03252024

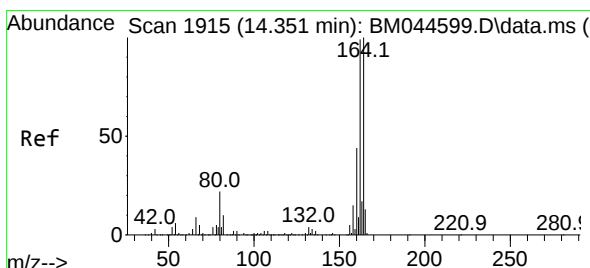
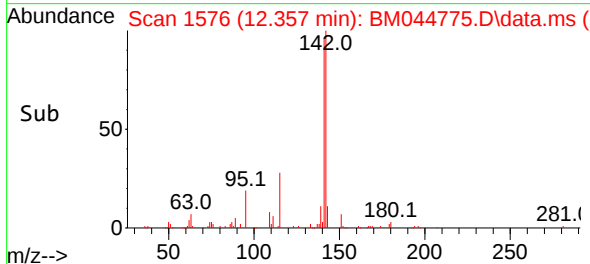
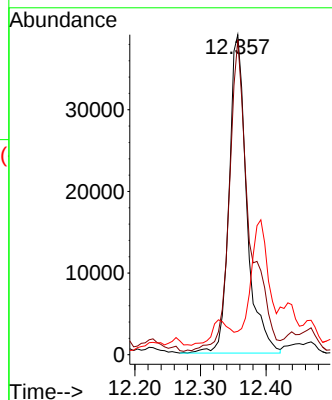
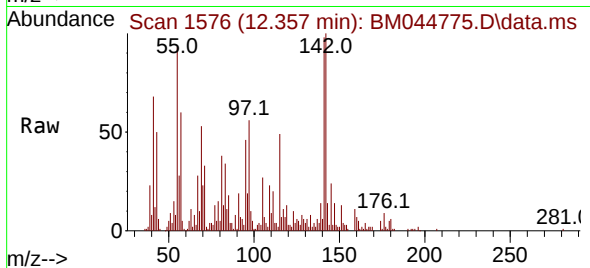
Tgt Ion:142 Resp: 72892

Ion Ratio Lower Upper

142 100

141 98.4 72.9 109.3

116 7.3 2.9 4.3#



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.333 min Scan# 1912

Delta R.T. -0.018 min

Lab File: BM044775.D

Acq: 26 Mar 2024 19:03

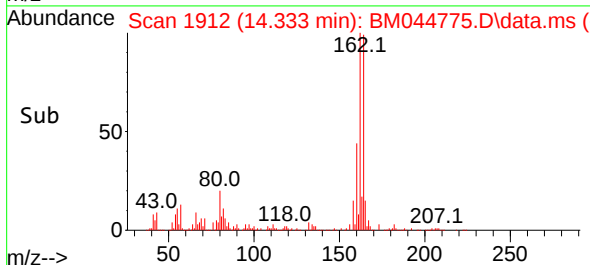
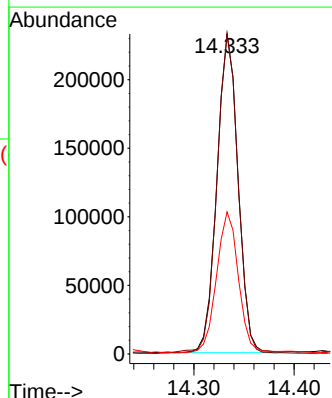
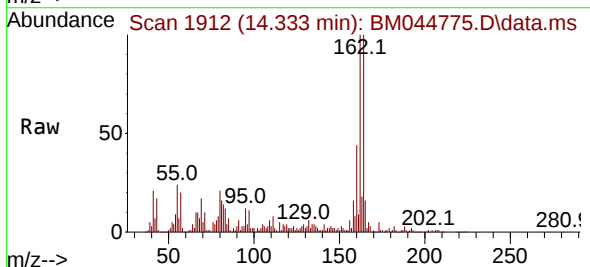
Tgt Ion:164 Resp: 339481

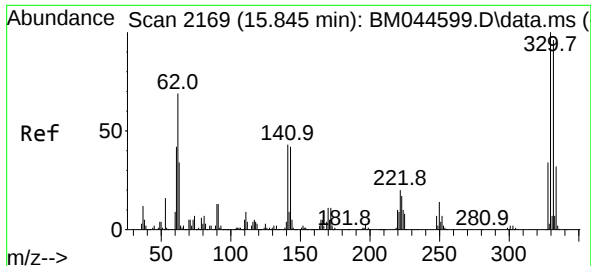
Ion Ratio Lower Upper

164 100

162 99.9 79.3 118.9

160 44.4 35.2 52.8

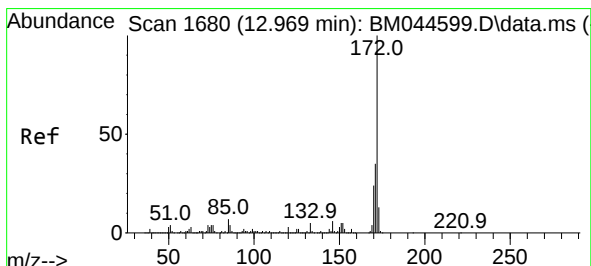
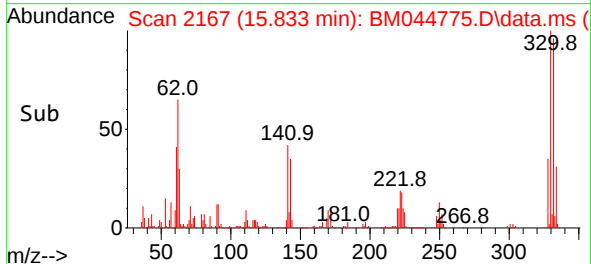
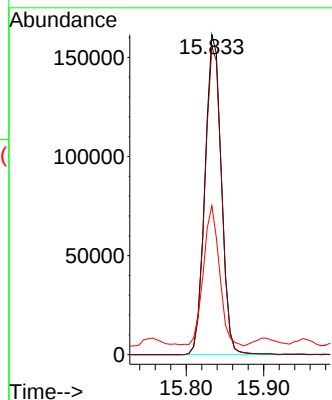
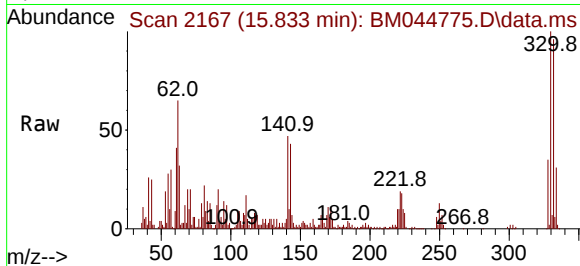




#42
2,4,6-Tribromophenol
Concen: 63.467 ng
RT: 15.833 min Scan# 2167
Delta R.T. -0.012 min
Lab File: BM044775.D
Acq: 26 Mar 2024 19:03

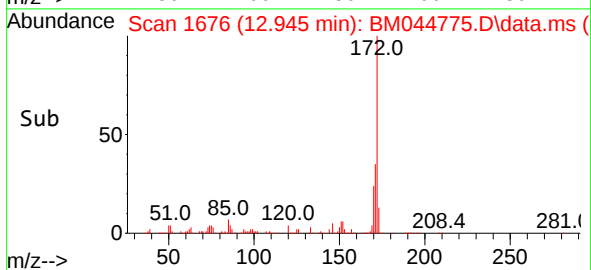
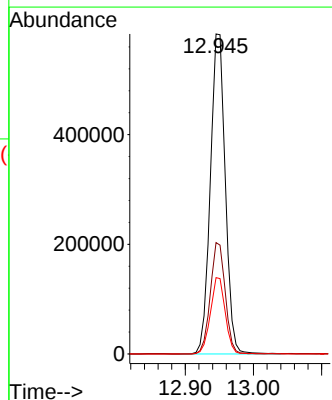
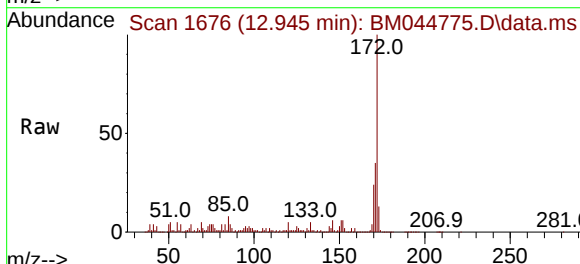
Instrument :
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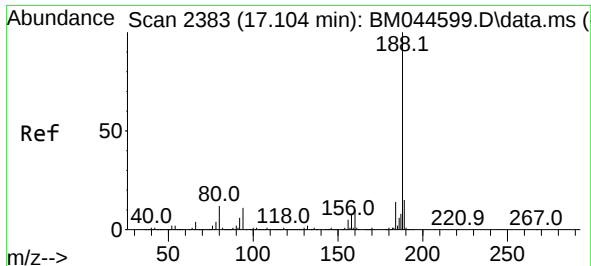
Tgt Ion:330 Resp: 237641
Ion Ratio Lower Upper
330 100
332 97.3 77.8 116.8
141 42.8 33.4 50.0



#45
2-Fluorobiphenyl
Concen: 36.222 ng
RT: 12.945 min Scan# 1676
Delta R.T. -0.024 min
Lab File: BM044775.D
Acq: 26 Mar 2024 19:03

Tgt Ion:172 Resp: 892855
Ion Ratio Lower Upper
172 100
171 34.8 28.2 42.2
170 23.8 19.0 28.6

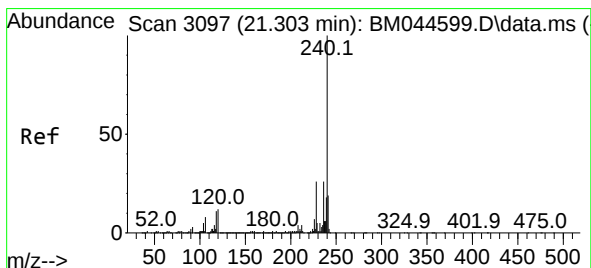
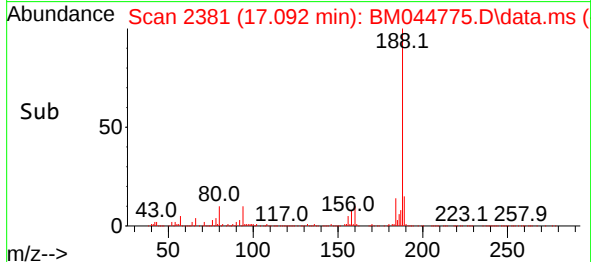
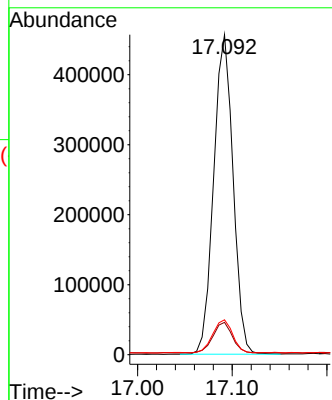
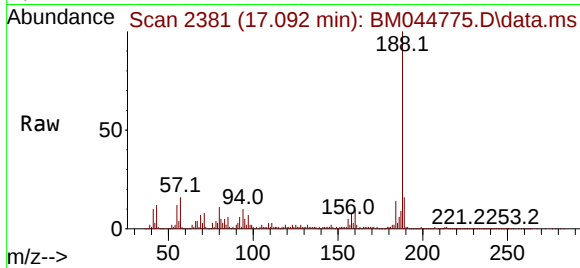




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.092 min Scan# 21
Delta R.T. -0.012 min
Lab File: BM044775.D
Acq: 26 Mar 2024 19:03

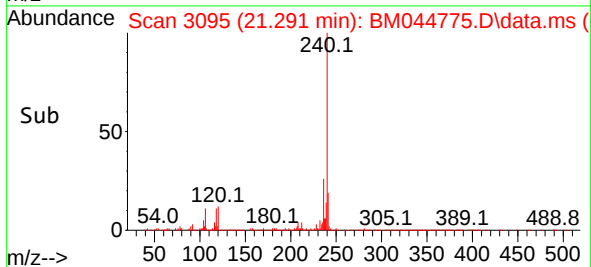
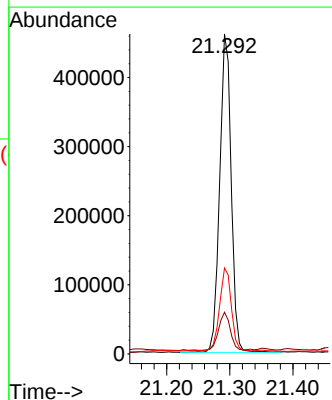
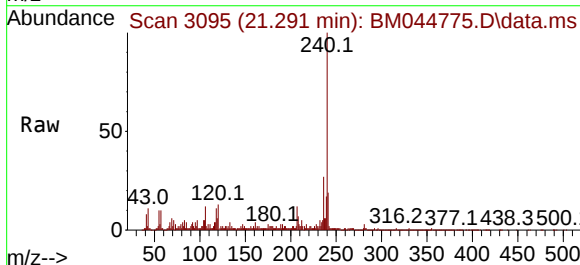
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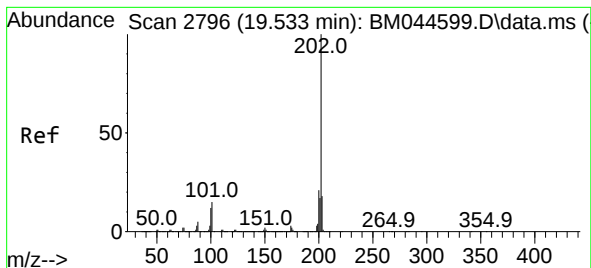
Tgt Ion:188 Resp: 648380
Ion Ratio Lower Upper
188 100
94 10.1 8.4 12.6
80 10.9 9.4 14.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.291 min Scan# 3095
Delta R.T. -0.012 min
Lab File: BM044775.D
Acq: 26 Mar 2024 19:03

Tgt Ion:240 Resp: 583513
Ion Ratio Lower Upper
240 100
120 13.1 9.7 14.5
236 26.9 21.0 31.4





#78

Pyrene

Concen: 2.759 ng

RT: 19.533 min Scan# 21

Delta R.T. -0.000 min

Lab File: BM044775.D

Acq: 26 Mar 2024 19:03

Instrument :

BNA_M

ClientSampleId :

HD-02-03252024

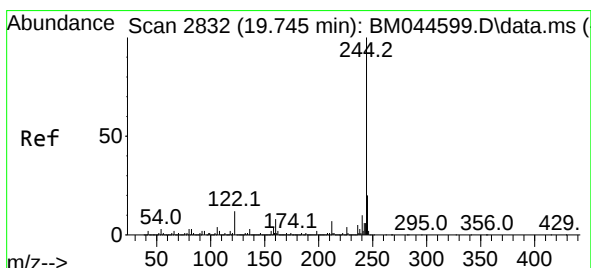
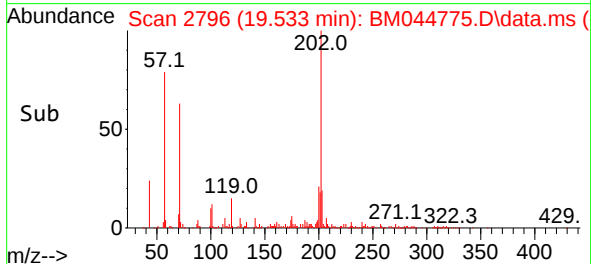
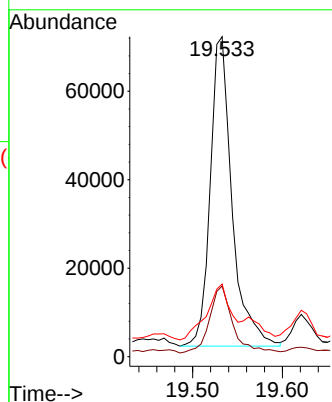
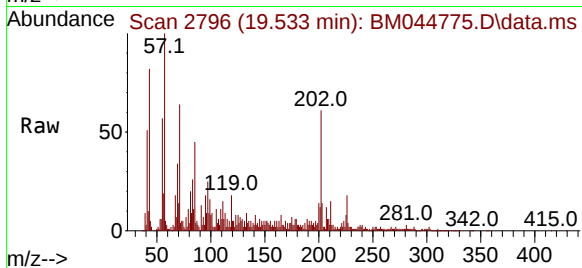
Tgt Ion:202 Resp: 117980

Ion Ratio Lower Upper

202 100

200 22.0 17.0 25.4

203 22.7 14.1 21.1#



#79

Terphenyl-d14

Concen: 36.360 ng

RT: 19.745 min Scan# 2832

Delta R.T. -0.000 min

Lab File: BM044775.D

Acq: 26 Mar 2024 19:03

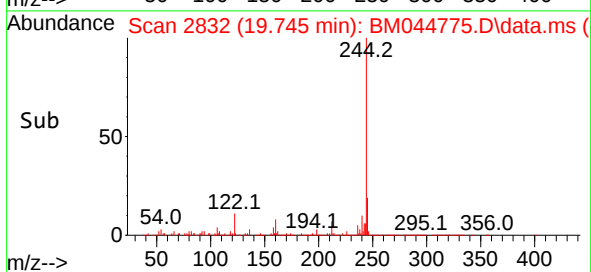
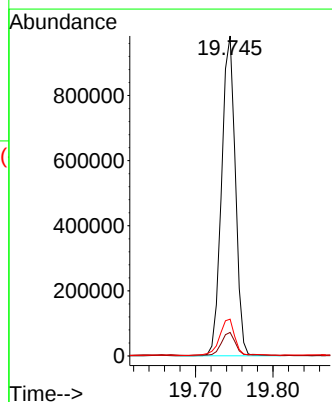
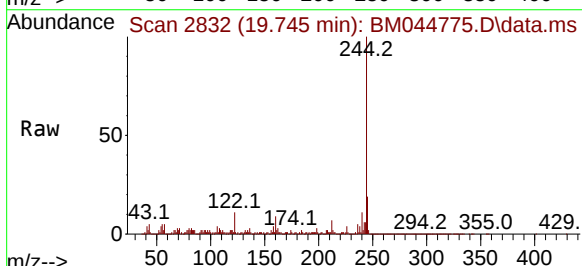
Tgt Ion:244 Resp: 1212821

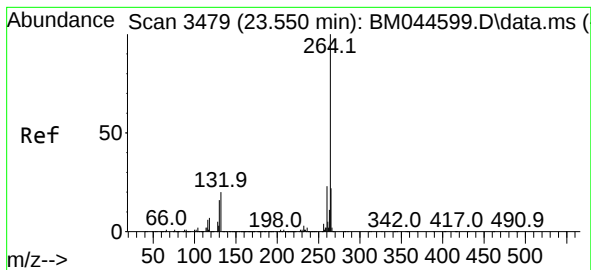
Ion Ratio Lower Upper

244 100

212 7.3 5.5 8.3

122 11.5 9.7 14.5





#86

Perylene-d12

Concen: 20.000 ng

RT: 23.544 min Scan# 34

Delta R.T. -0.006 min

Lab File: BM044775.D

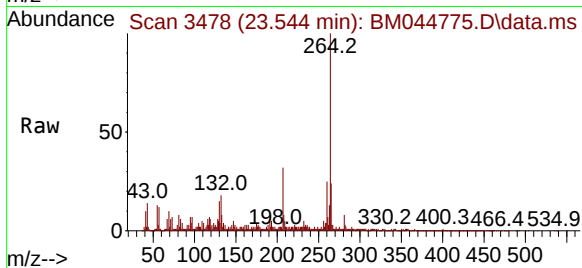
Acq: 26 Mar 2024 19:03

Instrument :

BNA_M

ClientSampleId :

HD-02-03252024



Tgt Ion:264 Resp: 672982

Ion Ratio Lower Upper

264 100

260 25.1 18.3 27.5

265 23.5 17.5 26.3

