

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032624\
 Data File : BM044769.D
 Acq On : 26 Mar 2024 15:24
 Operator : MA/JU
 Sample : P1861-01 5X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 HD-02-03252024

Quant Time: Mar 26 15:56:47 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)

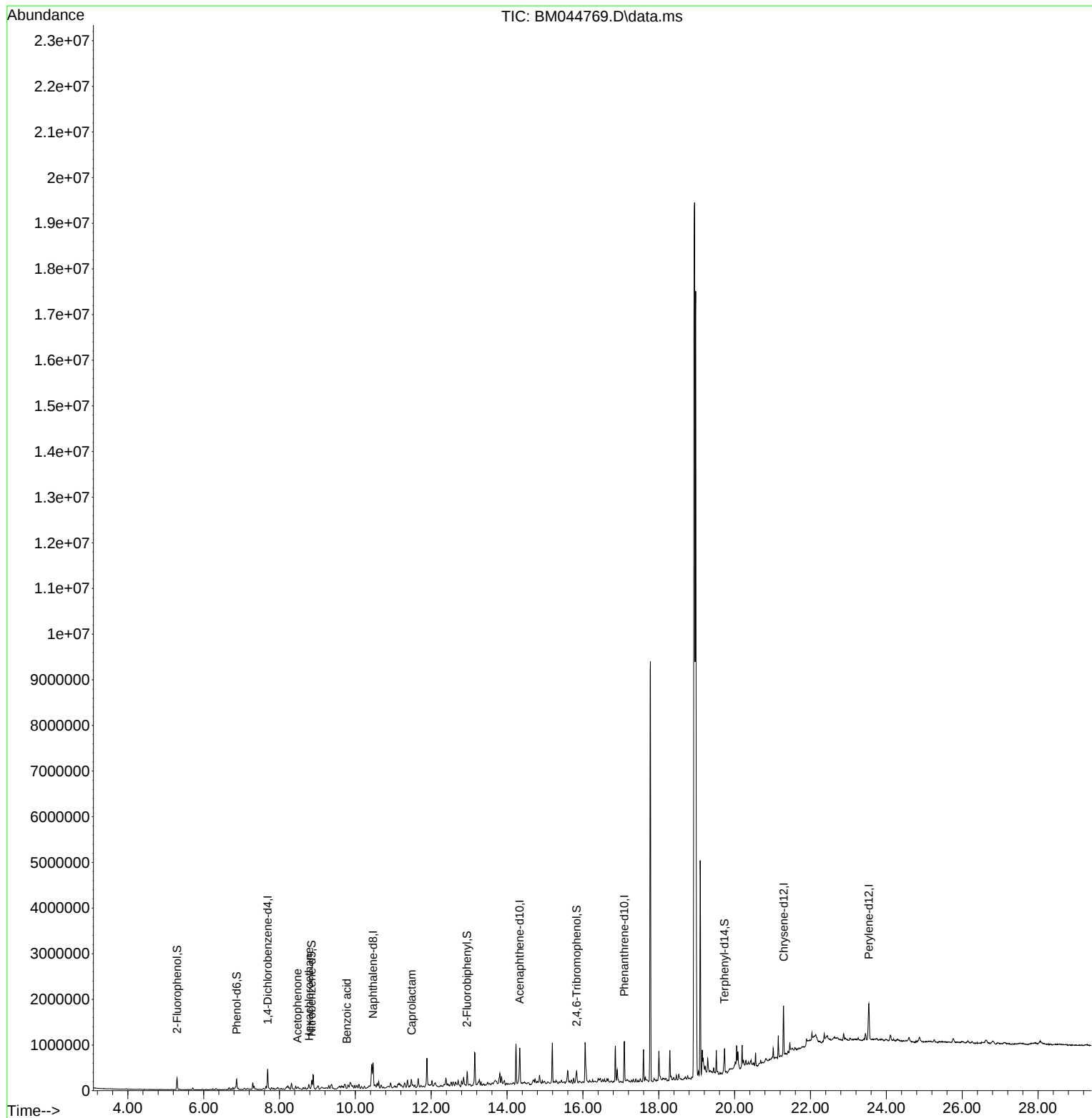
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.687	152	114395	20.000	ng	-0.02
21) Naphthalene-d8	10.469	136	443996	20.000	ng	-0.02
39) Acenaphthene-d10	14.333	164	253888	20.000	ng	-0.02
64) Phenanthrene-d10	17.092	188	506894	20.000	ng	-0.01
76) Chrysene-d12	21.292	240	494056	20.000	ng	-0.01
86) Perylene-d12	23.539	264	587473	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.299	112	108280	13.590	ng	0.00
7) Phenol-d6	6.869	99	133142	12.989	ng	-0.01
23) Nitrobenzene-d5	8.845	82	75306	8.171	ng	-0.02
42) 2,4,6-Tribromophenol	15.833	330	43137	15.404	ng	-0.01
45) 2-Fluorobiphenyl	12.945	172	161032	8.735	ng	-0.02
79) Terphenyl-d14	19.733	244	245121	8.679	ng	-0.01
Target Compounds						
						Qvalue
18) Hexachloroethane	8.781	117	8941	2.812	ng	# 1
22) Acetophenone	8.475	105	24139	2.069	ng	# 61
32) Benzoic acid	9.775	122	132	3.642	ng	# 1
35) Caprolactam	11.480	113	6387	3.005	ng	# 1

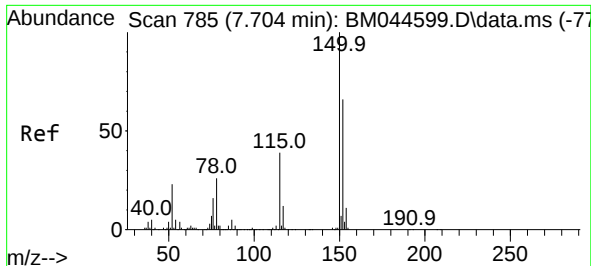
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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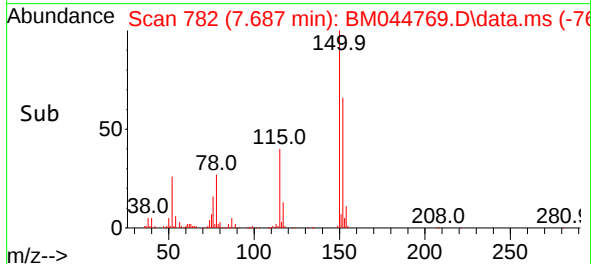
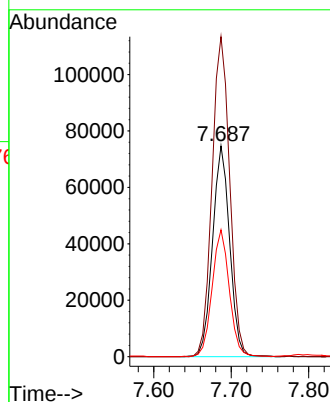
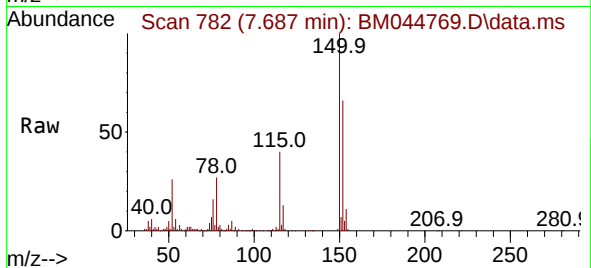




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.687 min Scan# 71
Delta R.T. -0.017 min
Lab File: BM044769.D
Acq: 26 Mar 2024 15:24

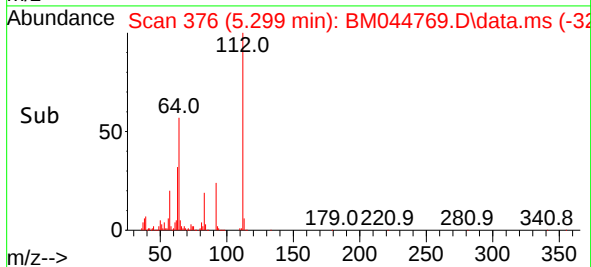
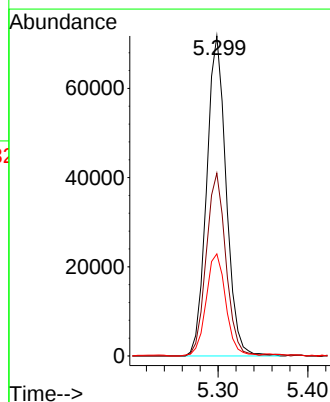
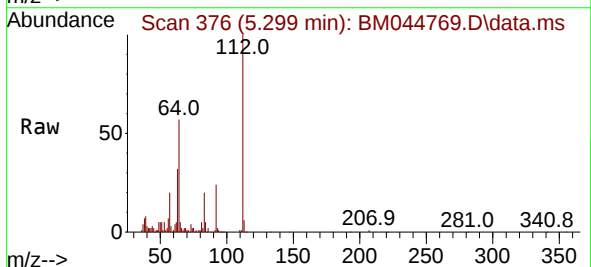
Instrument :
BNA_M
ClientSampleId :
HD-02-03252024

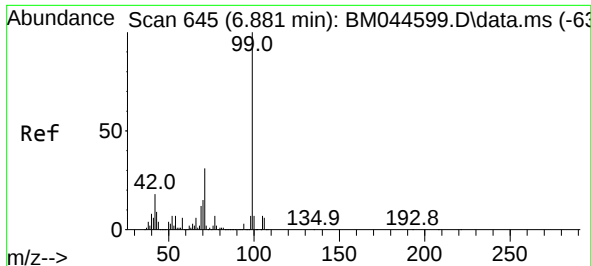
Tgt Ion:152 Resp: 114395
Ion Ratio Lower Upper
152 100
150 151.9 121.9 182.9
115 60.2 47.1 70.7



#5
2-Fluorophenol
Concen: 13.590 ng
RT: 5.299 min Scan# 376
Delta R.T. -0.006 min
Lab File: BM044769.D
Acq: 26 Mar 2024 15:24

Tgt Ion:112 Resp: 108280
Ion Ratio Lower Upper
112 100
64 57.1 47.9 71.9
63 31.9 25.0 37.4

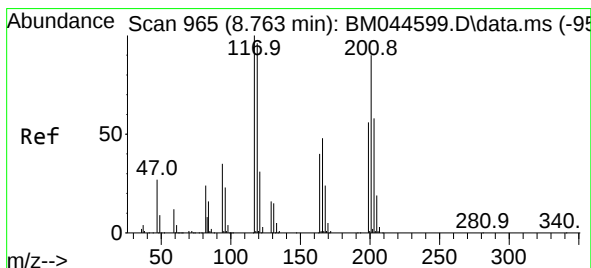
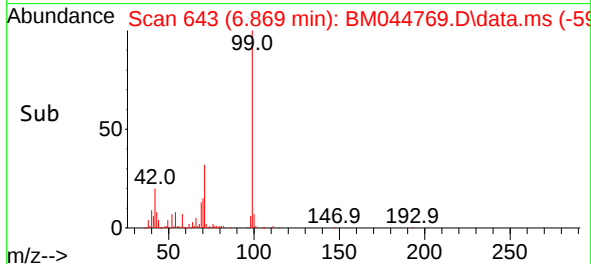
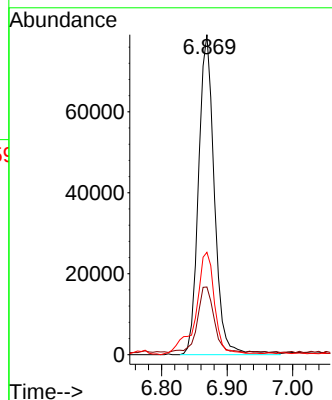
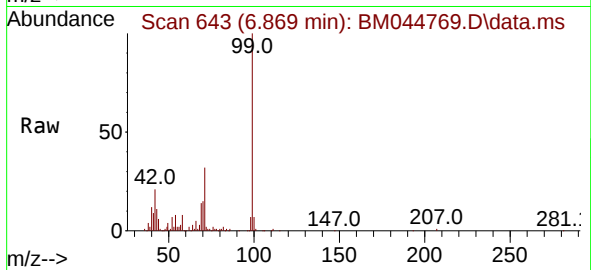




#7
Phenol-d6
Concen: 12.989 ng
RT: 6.869 min Scan# 645
Delta R.T. -0.012 min
Lab File: BM044769.D
Acq: 26 Mar 2024 15:24

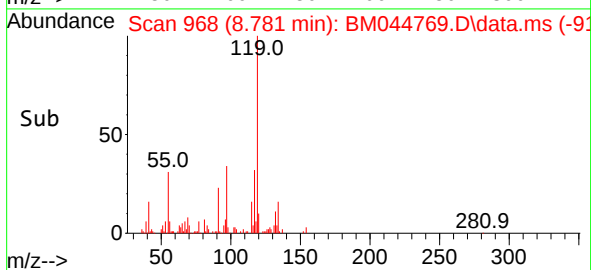
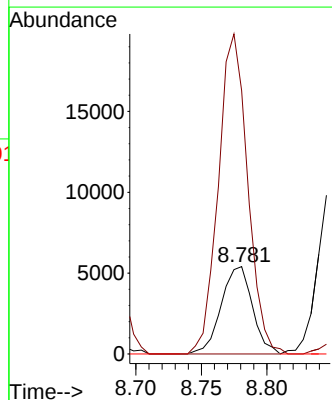
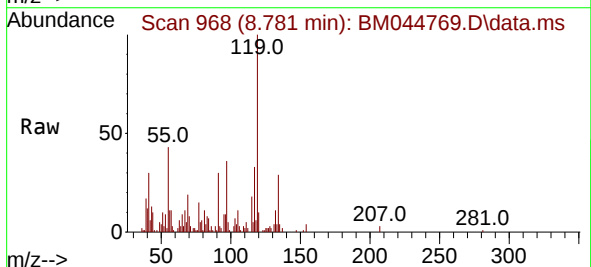
Instrument :
BNA_M
ClientSampleId :
HD-02-03252024

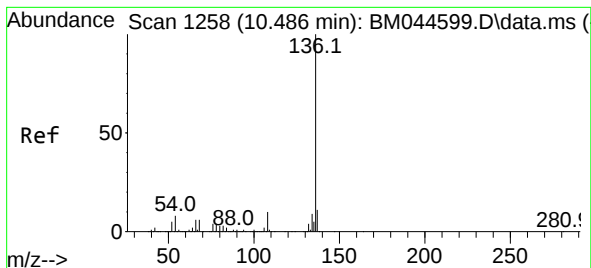
Tgt Ion: 99 Resp: 133142
Ion Ratio Lower Upper
99 100
42 21.1 14.3 21.5
71 32.0 24.5 36.7



#18
Hexachloroethane
Concen: 2.812 ng
RT: 8.781 min Scan# 968
Delta R.T. 0.018 min
Lab File: BM044769.D
Acq: 26 Mar 2024 15:24

Tgt Ion: 117 Resp: 8941
Ion Ratio Lower Upper
117 100
119 301.4 76.8 115.2#
201 0.0 72.3 108.5#

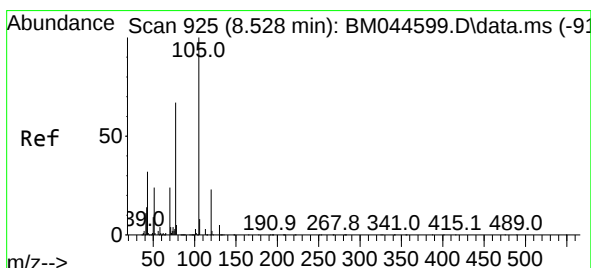
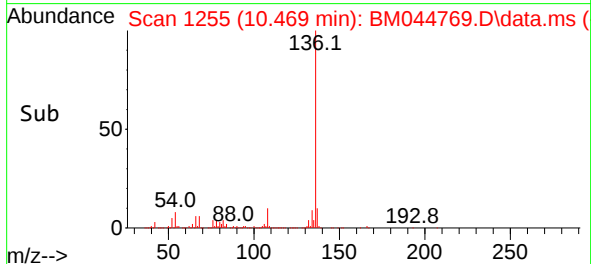
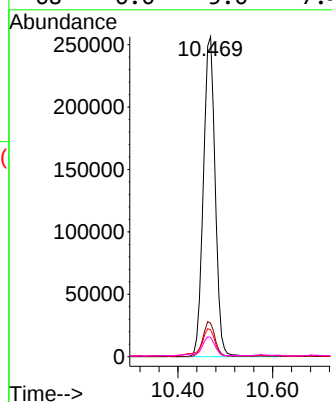
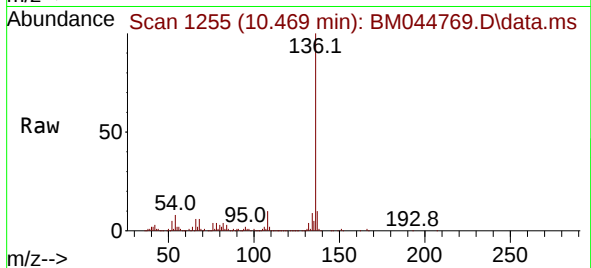




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.469 min Scan# 1
Delta R.T. -0.018 min
Lab File: BM044769.D
Acq: 26 Mar 2024 15:24

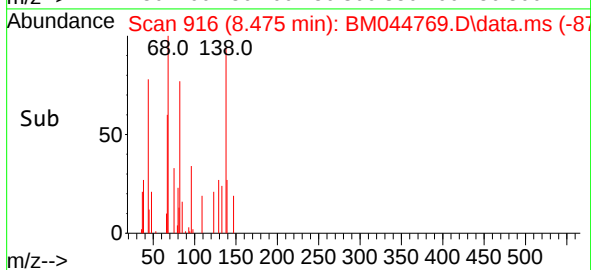
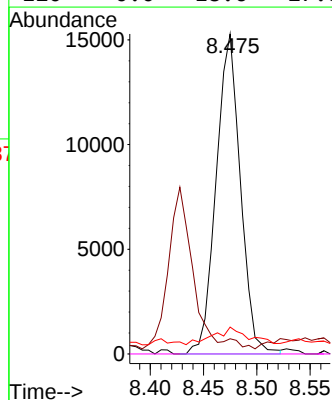
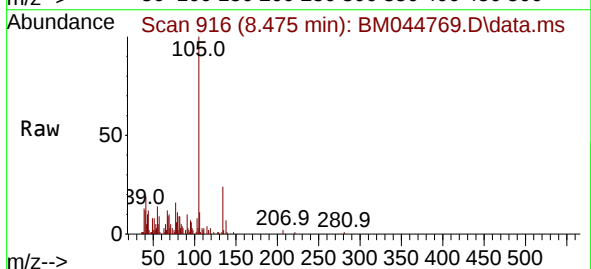
Instrument :
BNA_M
ClientSampleId :
HD-02-03252024

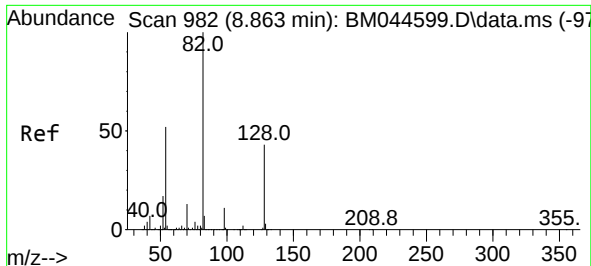
Tgt Ion:136 Resp: 443996
Ion Ratio Lower Upper
136 100
137 10.5 8.9 13.3
54 8.4 6.6 10.0
68 6.0 5.0 7.4



#22
Acetophenone
Concen: 2.069 ng
RT: 8.475 min Scan# 916
Delta R.T. -0.053 min
Lab File: BM044769.D
Acq: 26 Mar 2024 15:24

Tgt Ion:105 Resp: 24139
Ion Ratio Lower Upper
105 100
71 4.8 3.4 5.2
51 8.4 22.2 33.4#
120 0.0 18.6 27.8#

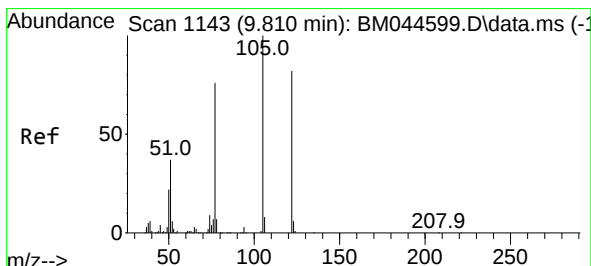
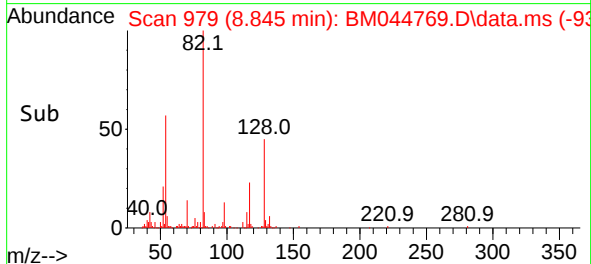
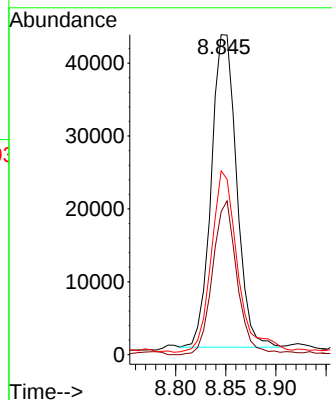
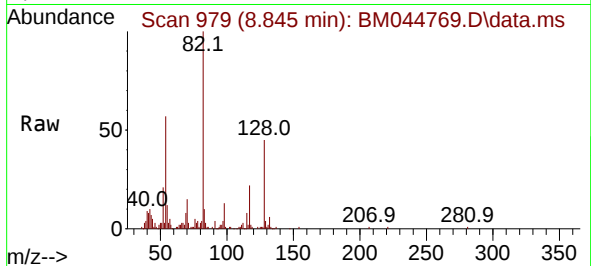




#23
Nitrobenzene-d5
Concen: 8.171 ng
RT: 8.845 min Scan# 91
Delta R.T. -0.018 min
Lab File: BM044769.D
Acq: 26 Mar 2024 15:24

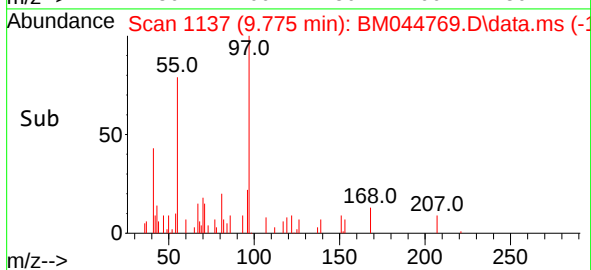
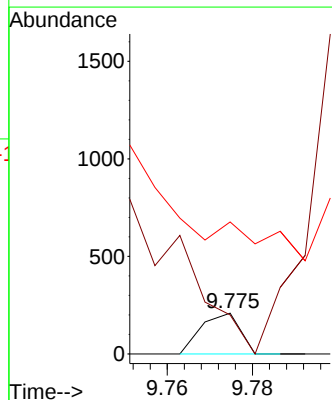
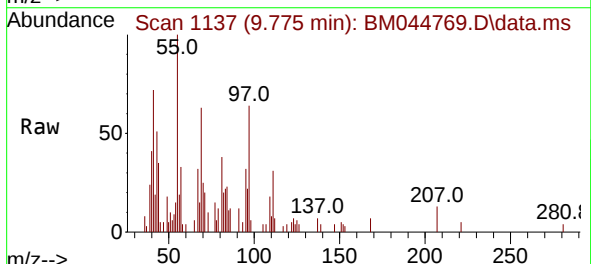
Instrument :
BNA_M
ClientSampleId :
HD-02-03252024

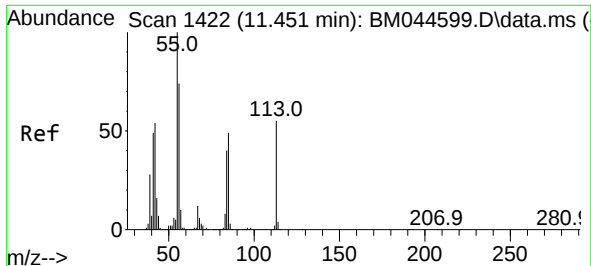
Tgt Ion: 82 Resp: 75306
Ion Ratio Lower Upper
82 100
128 44.7 34.2 51.4
54 57.5 41.3 61.9



#32
Benzoic acid
Concen: 3.642 ng
RT: 9.775 min Scan# 1137
Delta R.T. -0.035 min
Lab File: BM044769.D
Acq: 26 Mar 2024 15:24

Tgt Ion:122 Resp: 132
Ion Ratio Lower Upper
122 100
105 95.7 100.0 140.0#
77 323.9 72.5 112.5#

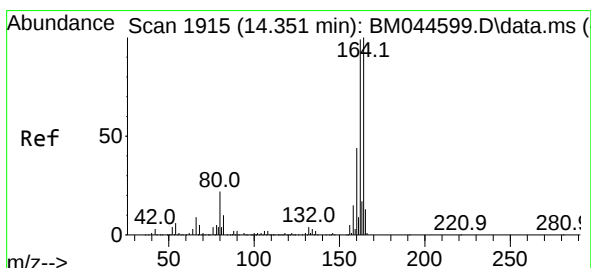
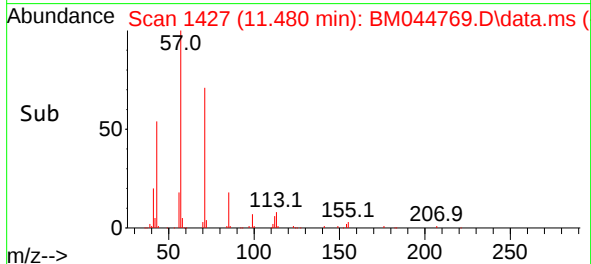
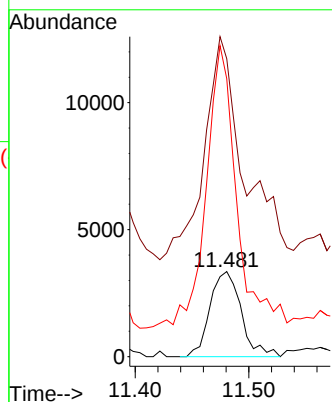
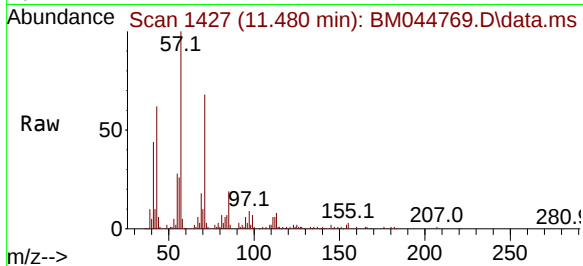




#35
Caprolactam
Concen: 3.005 ng
RT: 11.480 min Scan# 1427
Delta R.T. 0.030 min
Lab File: BM044769.D
Acq: 26 Mar 2024 15:24

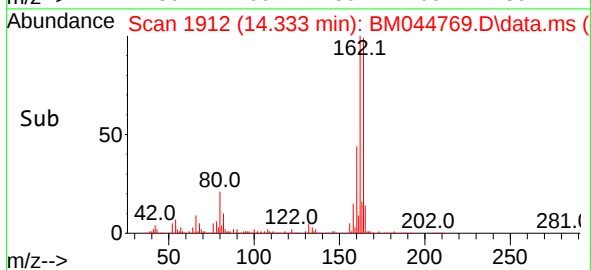
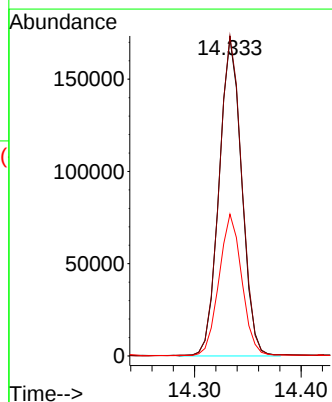
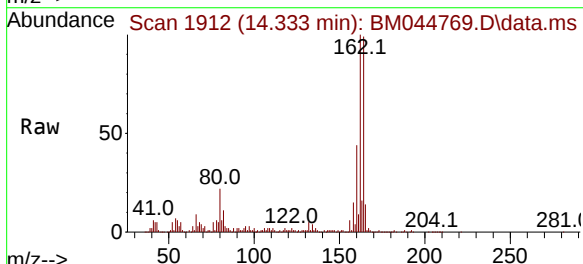
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HD-02-03252024

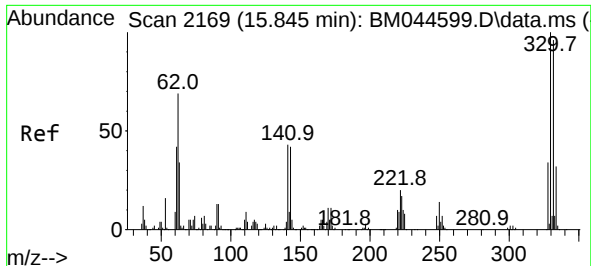
Tgt Ion:113 Resp: 6387
Ion Ratio Lower Upper
113 100
55 350.1 161.1 201.1#
56 326.7 113.2 153.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.333 min Scan# 1912
Delta R.T. -0.018 min
Lab File: BM044769.D
Acq: 26 Mar 2024 15:24

Tgt Ion:164 Resp: 253888
Ion Ratio Lower Upper
164 100
162 100.8 79.3 118.9
160 44.6 35.2 52.8

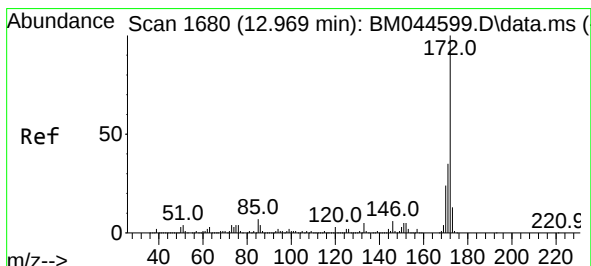
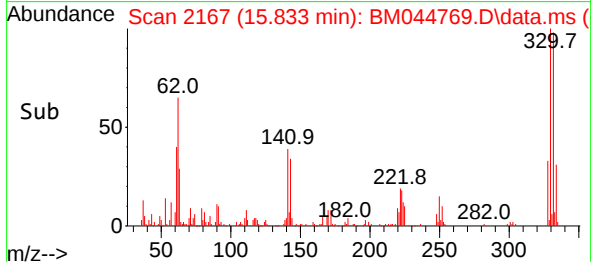
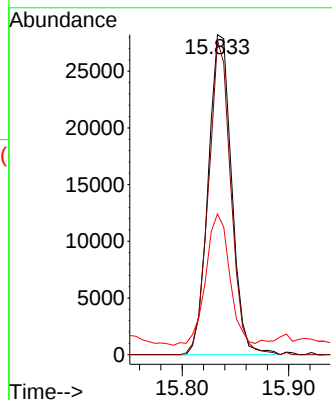
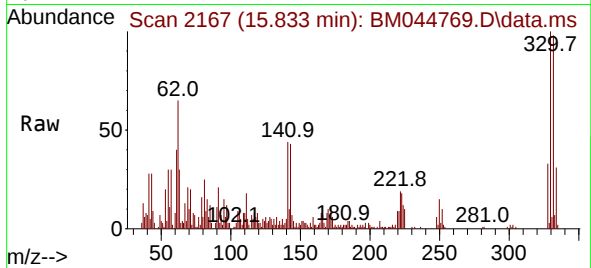




#42
2,4,6-Tribromophenol
Concen: 15.404 ng
RT: 15.833 min Scan# 2167
Delta R.T. -0.012 min
Lab File: BM044769.D
Acq: 26 Mar 2024 15:24

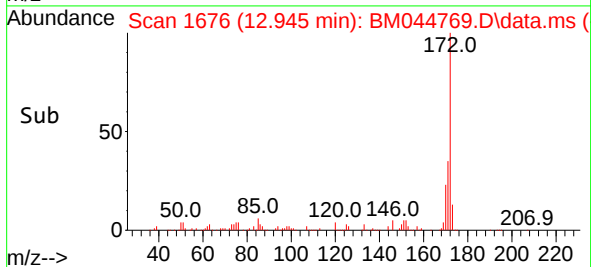
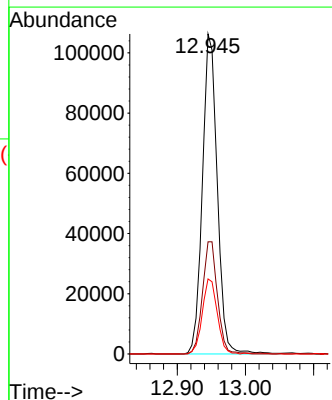
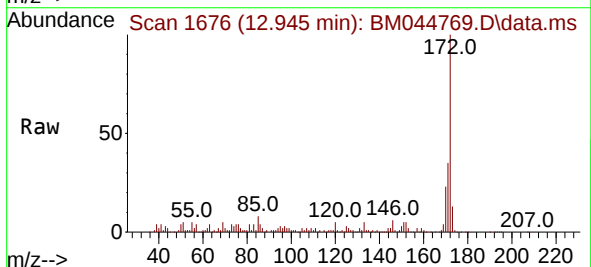
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HD-02-03252024

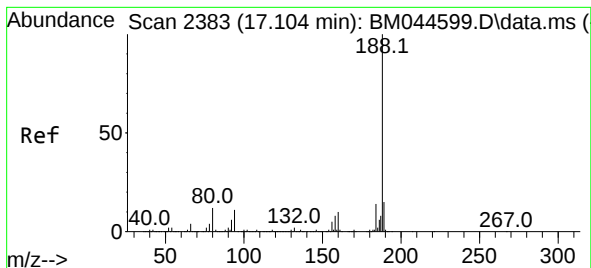
Tgt Ion:330 Resp: 43137
Ion Ratio Lower Upper
330 100
332 94.0 77.8 116.8
141 42.0 33.4 50.0



#45
2-Fluorobiphenyl
Concen: 8.735 ng
RT: 12.945 min Scan# 1676
Delta R.T. -0.023 min
Lab File: BM044769.D
Acq: 26 Mar 2024 15:24

Tgt Ion:172 Resp: 161032
Ion Ratio Lower Upper
172 100
171 35.1 28.2 42.2
170 23.5 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: BM044769.D

Acq: 26 Mar 2024 15:24

Instrument :

BNA_M

ClientSampleId :

HD-02-03252024

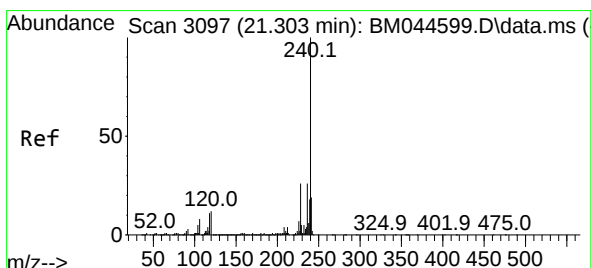
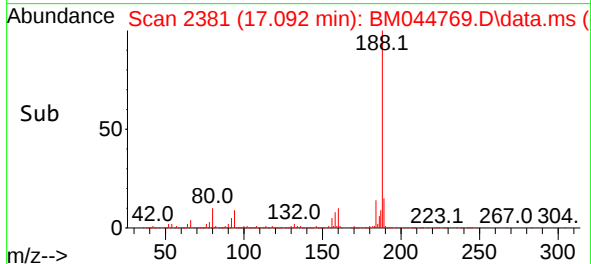
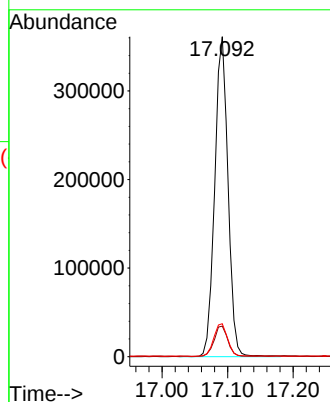
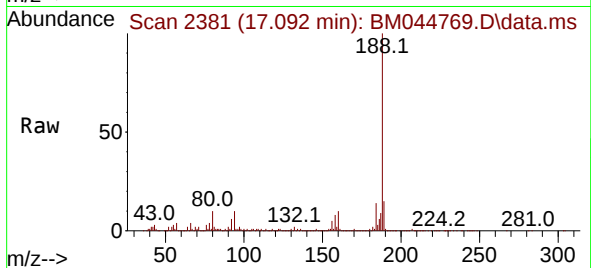
Tgt Ion:188 Resp: 506894

Ion Ratio Lower Upper

188 100

94 9.5 8.4 12.6

80 10.3 9.4 14.0



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.292 min Scan# 3095

Delta R.T. -0.012 min

Lab File: BM044769.D

Acq: 26 Mar 2024 15:24

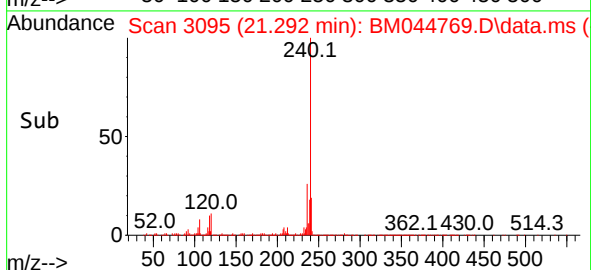
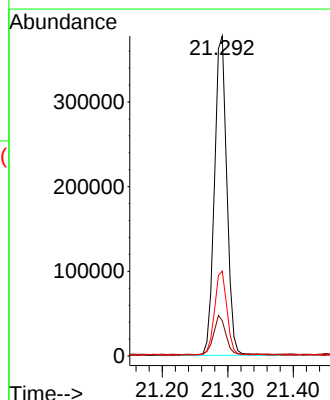
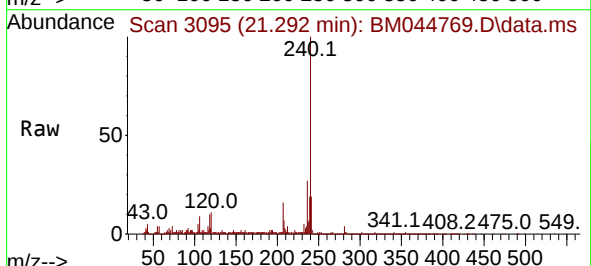
Tgt Ion:240 Resp: 494056

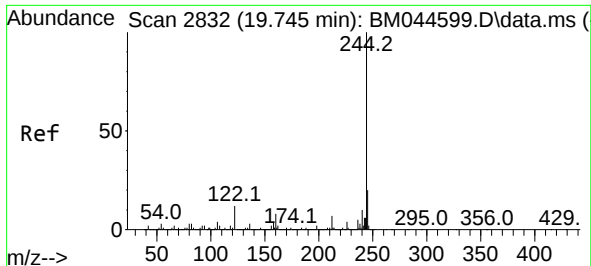
Ion Ratio Lower Upper

240 100

120 11.0 9.7 14.5

236 26.5 21.0 31.4

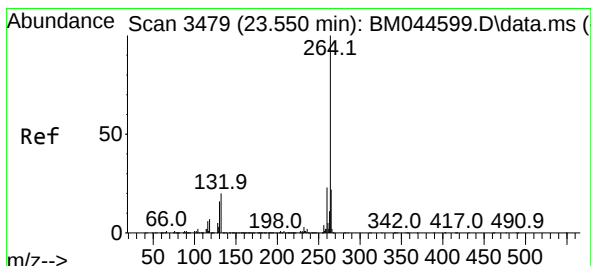
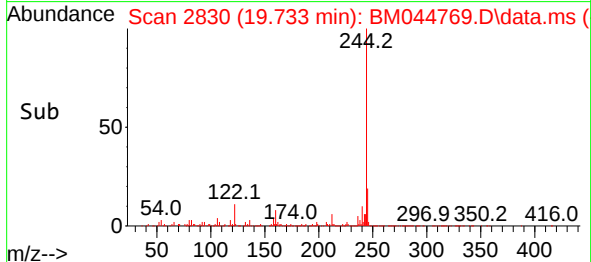
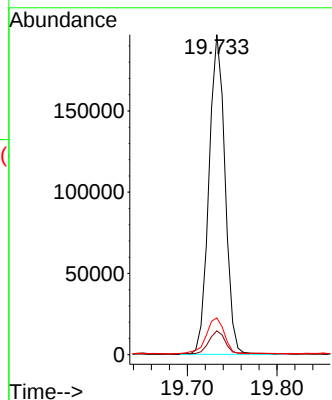
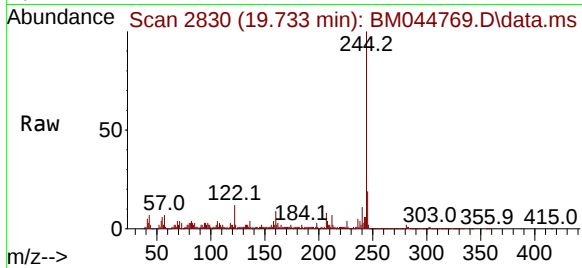




#79
 Terphenyl-d14
 Concen: 8.679 ng
 RT: 19.733 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: BM044769.D
 Acq: 26 Mar 2024 15:24

Instrument :
 BNA_M
 ClientSampleId :
 HD-02-03252024

Tgt Ion:244 Resp: 245121
 Ion Ratio Lower Upper
 244 100
 212 7.5 5.5 8.3
 122 11.5 9.7 14.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.539 min Scan# 3477
 Delta R.T. -0.012 min
 Lab File: BM044769.D
 Acq: 26 Mar 2024 15:24

Tgt Ion:264 Resp: 587473
 Ion Ratio Lower Upper
 264 100
 260 23.7 18.3 27.5
 265 22.0 17.5 26.3

