

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)

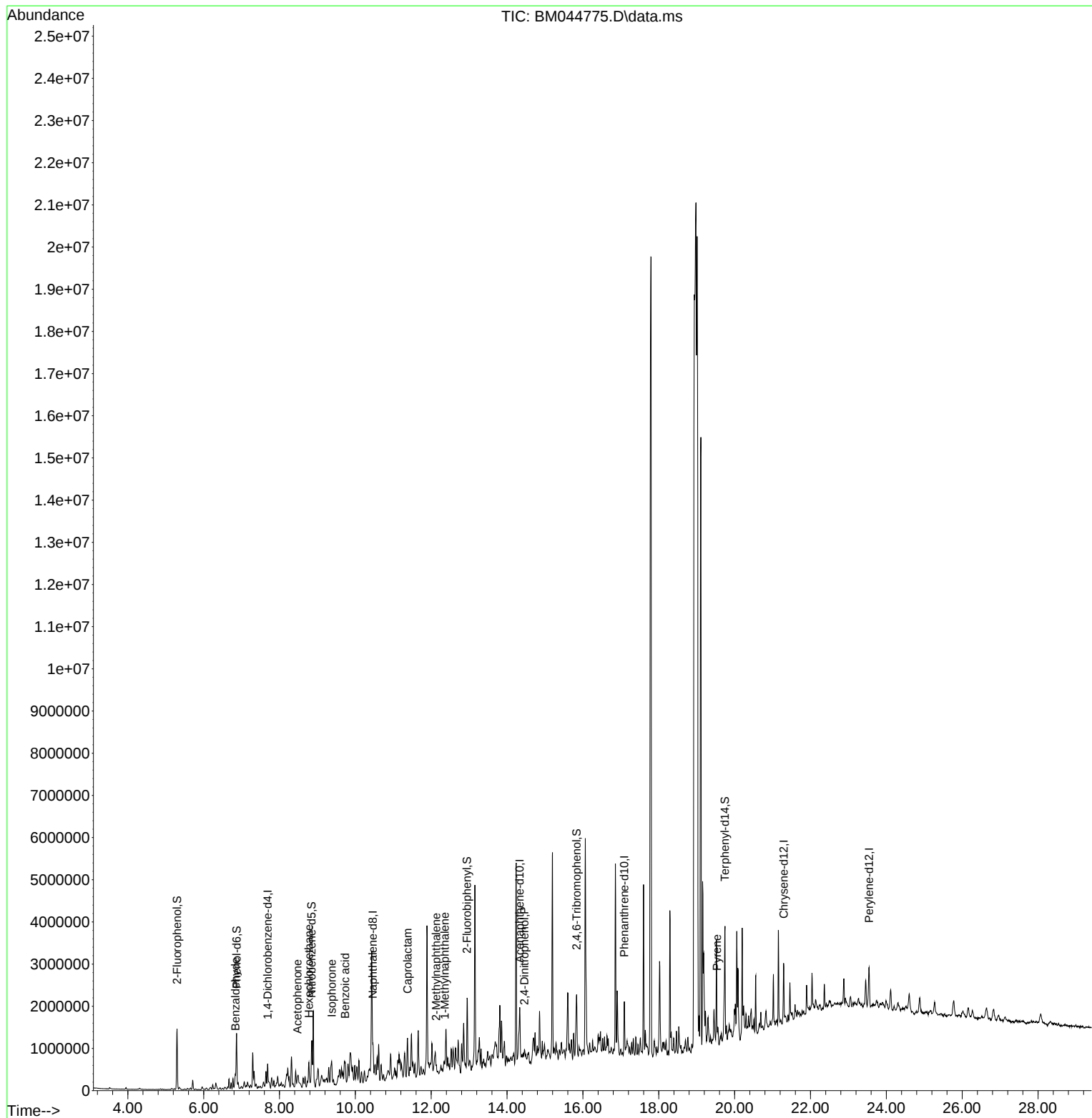
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.686	152	154611	20.000	ng	-0.02
21) Naphthalene-d8	10.463	136	589327	20.000	ng	#-0.02
39) Acenaphthene-d10	14.333	164	339481	20.000	ng	-0.02
64) Phenanthrene-d10	17.092	188	648380	20.000	ng	-0.01
76) Chrysene-d12	21.291	240	583513	20.000	ng	-0.01
86) 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
9) Benzaldehyde	6.839	77	17521	2.415	ng	# 1
18) Hexachloroethane	8.775	117	49781	11.585	ng	# 1
22) Acetophenone	8.469	105	132791	8.577	ng	# 59
25) Isophorone	9.375	82	51218	2.427	ng	# 1
32) Benzoic acid	9.728	122	489	3.681	ng	# 1
35) Caprolactam	11.374	113	7979	2.828	ng	# 1
37) 2-Methylnaphthalene	12.133	142	113140	5.154	ng	97
38) 1-Methylnaphthalene	12.357	142	72892	3.563	ng	# 92
54) 2,4-Dinitrophenol	14.457	184	171	4.556	ng	# 1
78) Pyrene	19.533	202	117980	2.759	ng	# 94

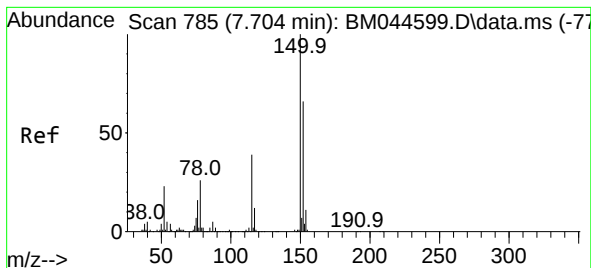
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032624\
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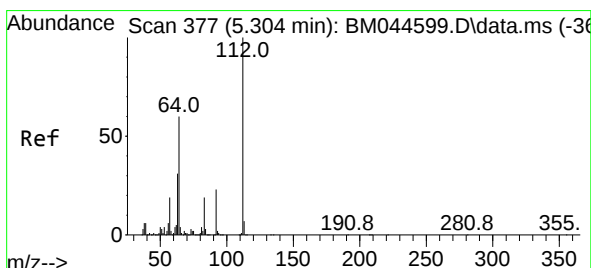
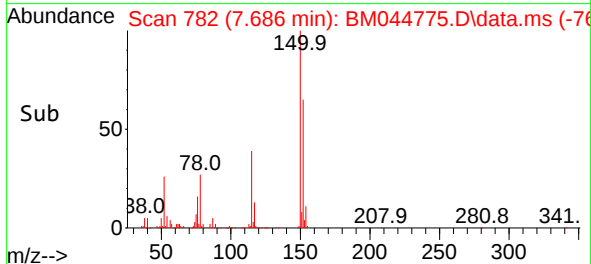
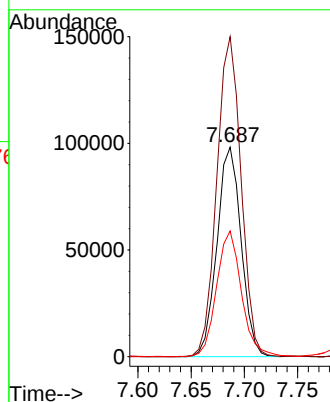
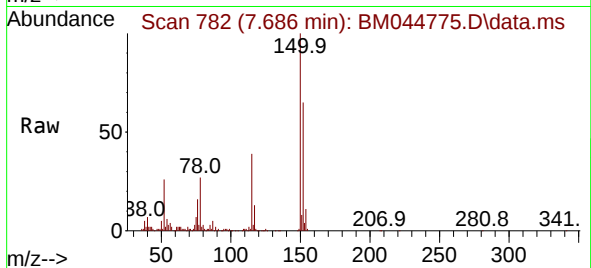




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.686 min Scan# 71
Delta R.T. -0.018 min
Lab File: BM044775.D
Acq: 26 Mar 2024 19:03

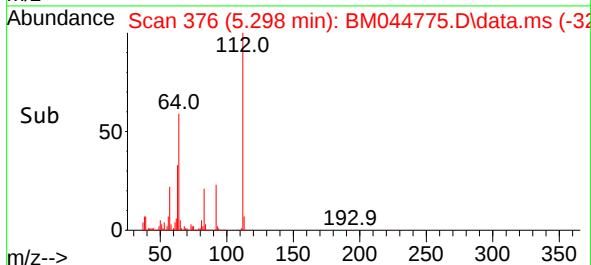
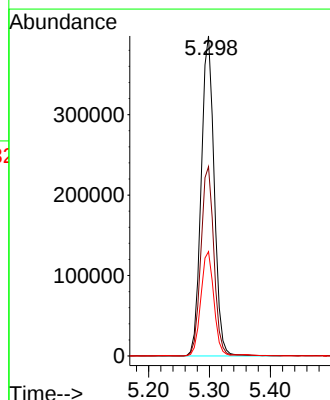
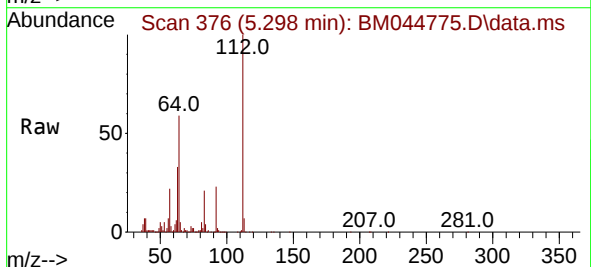
Instrument :
BNA_M
ClientSampleId :
HD-02-03252024

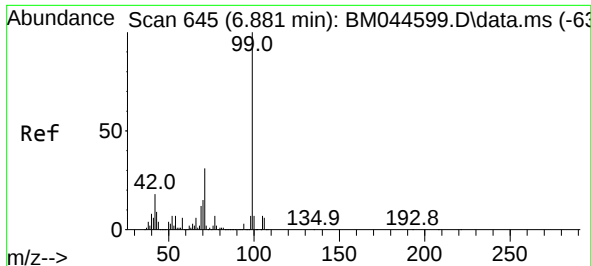
Tgt Ion:152 Resp: 154611
Ion Ratio Lower Upper
152 100
150 152.7 121.9 182.9
115 60.1 47.1 70.7



#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

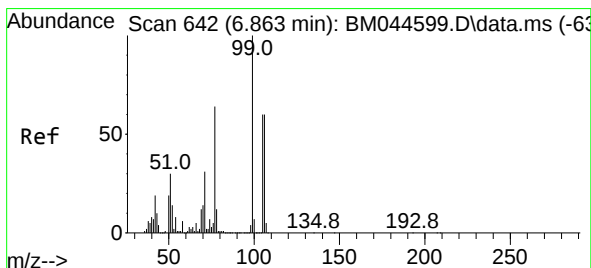
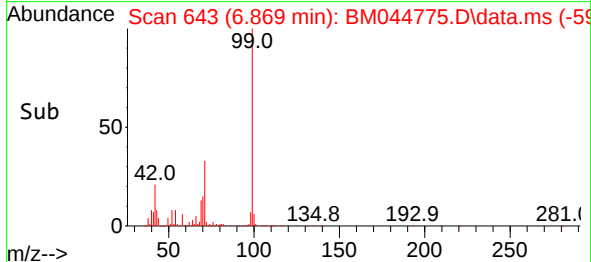
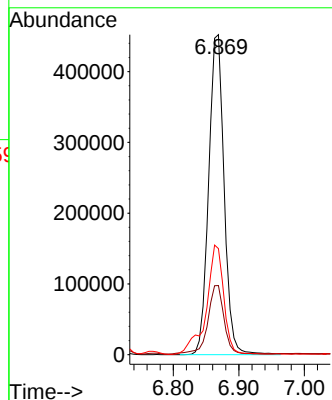
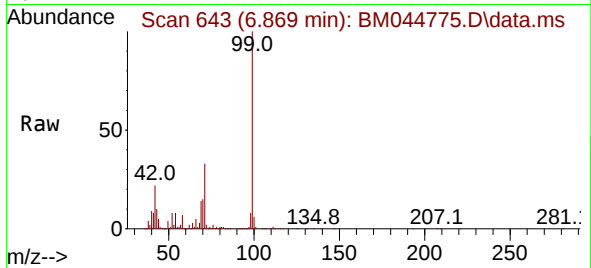




#7
Phenol-d6
Concen: 53.579 ng
RT: 6.869 min Scan# 645
Delta R.T. -0.012 min
Lab File: BM044775.D
Acq: 26 Mar 2024 19:03

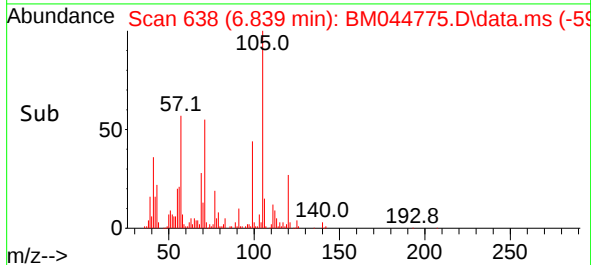
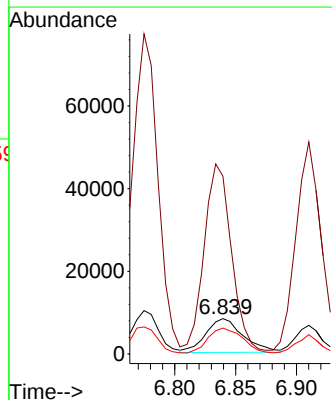
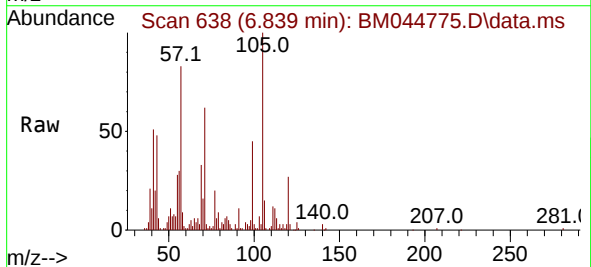
Instrument :
BNA_M
ClientSampleId :
HD-02-03252024

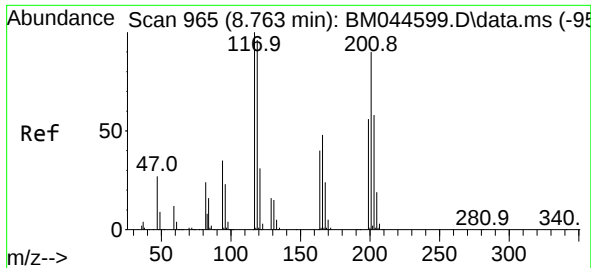
Tgt Ion: 99 Resp: 742272
Ion Ratio Lower Upper
99 100
42 21.6 14.3 21.5#
71 33.1 24.5 36.7



#9
Benzaldehyde
Concen: 2.415 ng
RT: 6.839 min Scan# 638
Delta R.T. -0.024 min
Lab File: BM044775.D
Acq: 26 Mar 2024 19:03

Tgt Ion: 77 Resp: 17521
Ion Ratio Lower Upper
77 100
105 501.8 74.4 114.4#
106 73.3 74.1 114.1#

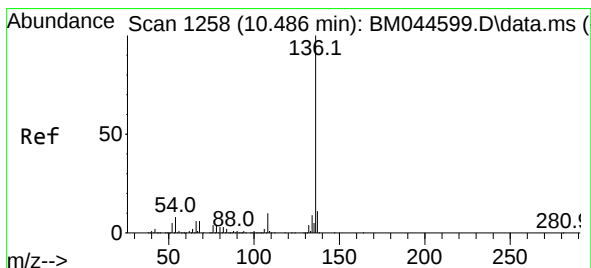
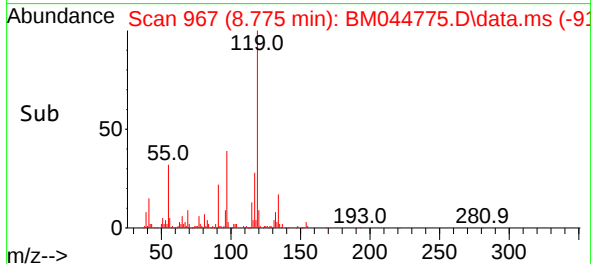
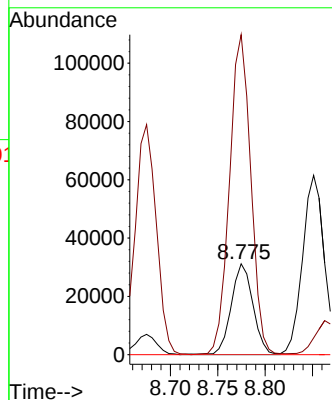
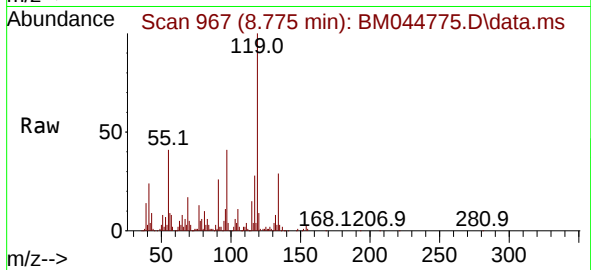




#18
Hexachloroethane
Concen: 11.585 ng
RT: 8.775 min Scan# 90
Delta R.T. 0.012 min
Lab File: BM044775.D
Acq: 26 Mar 2024 19:03

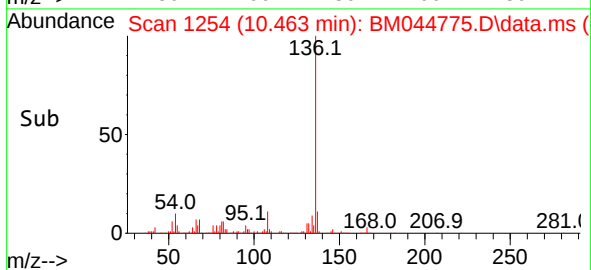
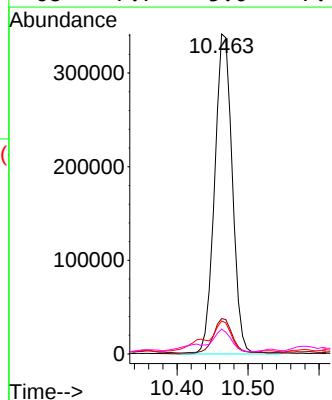
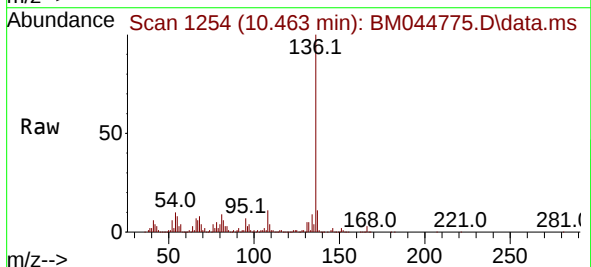
Instrument :
BNA_M
ClientSampleId :
HD-02-03252024

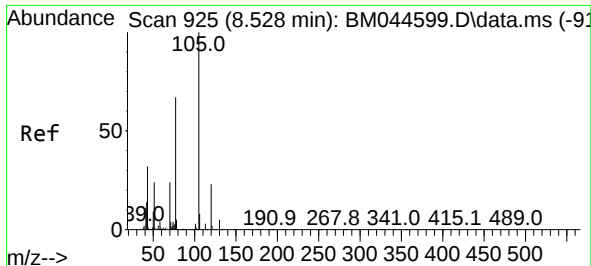
Tgt Ion:117 Resp: 49781
Ion Ratio Lower Upper
117 100
119 352.0 76.8 115.2#
201 0.0 72.3 108.5#



#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#

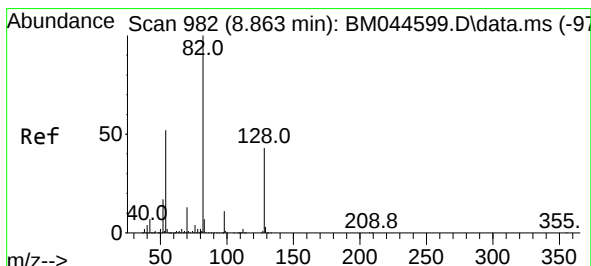
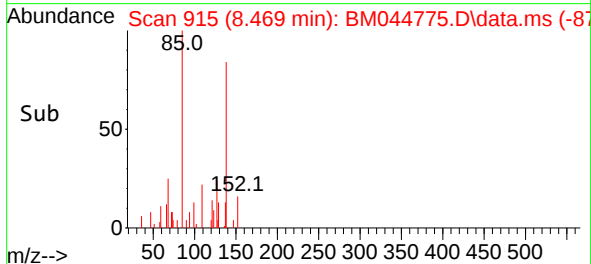
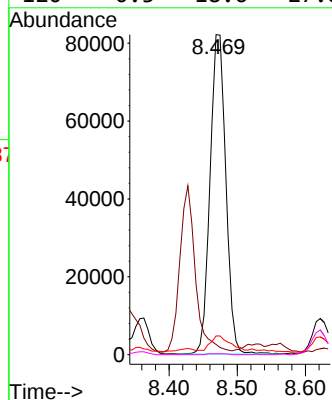
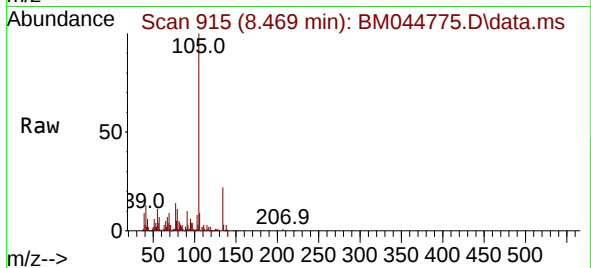




#22
Acetophenone
Concen: 8.577 ng
RT: 8.469 min Scan# 915
Delta R.T. -0.059 min
Lab File: BM044775.D
Acq: 26 Mar 2024 19:03

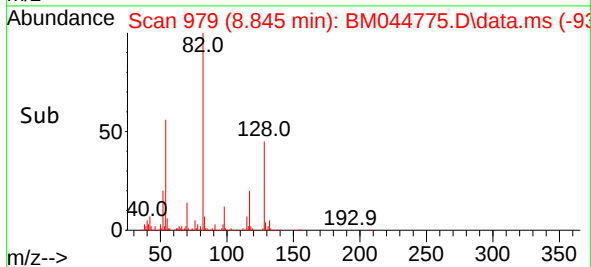
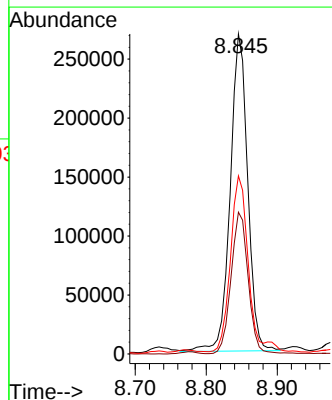
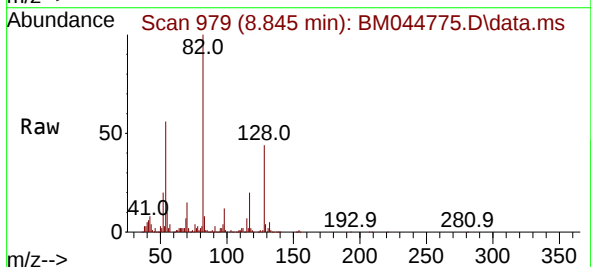
Instrument :
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ClientSampleId :
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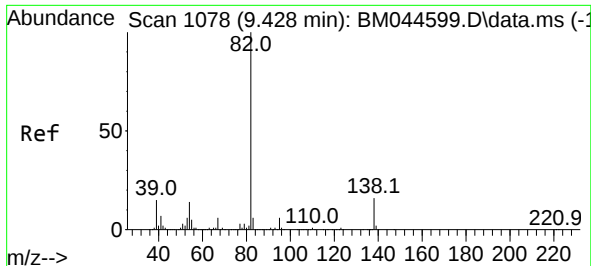
Tgt Ion:105 Resp: 132791
Ion Ratio Lower Upper
105 100
71 3.2 3.4 5.2#
51 5.9 22.2 33.4#
120 0.3 18.6 27.8#



#23
Nitrobenzene-d5
Concen: 37.563 ng
RT: 8.845 min Scan# 979
Delta R.T. -0.018 min
Lab File: BM044775.D
Acq: 26 Mar 2024 19:03

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

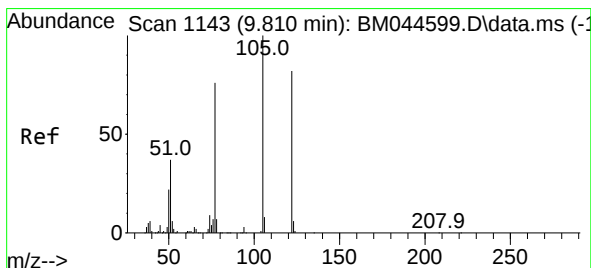
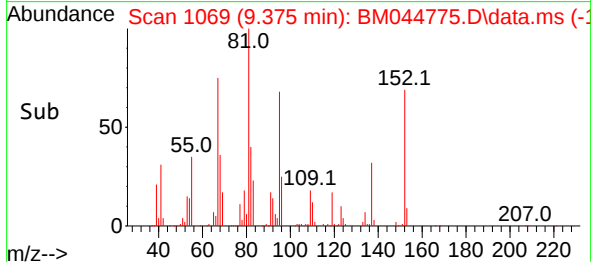
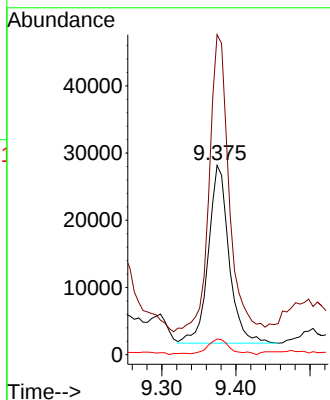
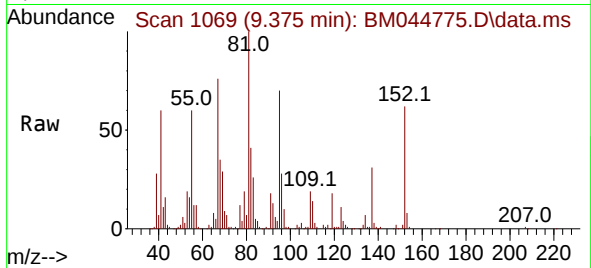




#25
Isophorone
Concen: 2.427 ng
RT: 9.375 min Scan# 1109
Delta R.T. -0.053 min
Lab File: BM044775.D
Acq: 26 Mar 2024 19:03

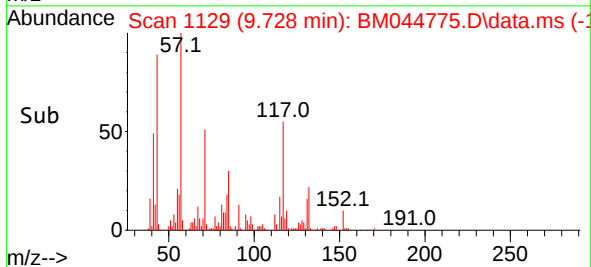
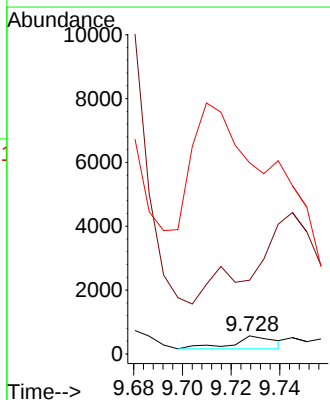
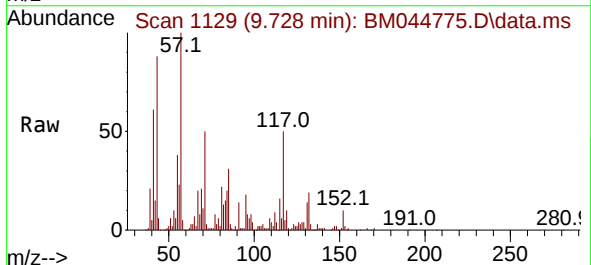
Instrument :
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ClientSampleId :
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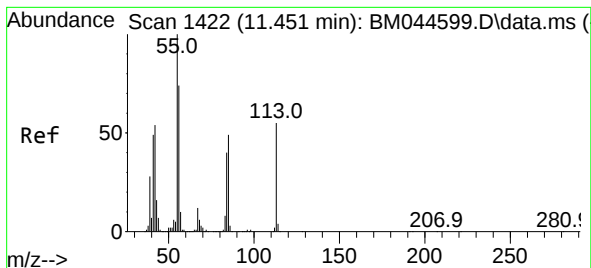
Tgt Ion: 82 Resp: 51218
Ion Ratio Lower Upper
82 100
95 169.0 4.9 7.3#
138 8.3 12.9 19.3#



#32
Benzoic acid
Concen: 3.681 ng
RT: 9.728 min Scan# 1129
Delta R.T. -0.082 min
Lab File: BM044775.D
Acq: 26 Mar 2024 19:03

Tgt Ion:122 Resp: 489
Ion Ratio Lower Upper
122 100
105 406.7 100.0 140.0#
77 1054.8 72.5 112.5#

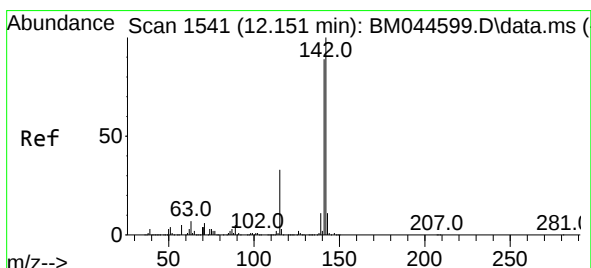
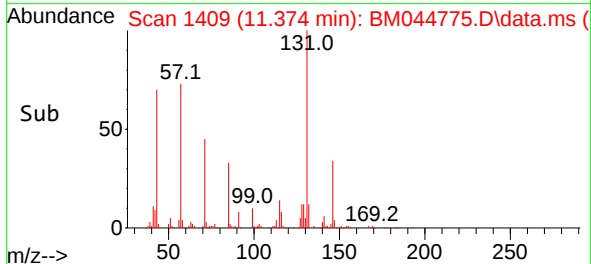
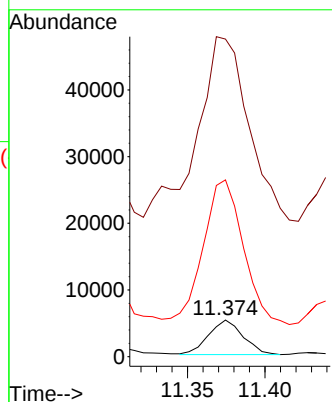
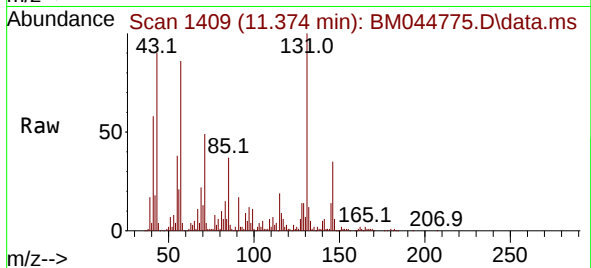




#35
Caprolactam
Concen: 2.828 ng
RT: 11.374 min Scan# 1422
Delta R.T. -0.076 min
Lab File: BM044775.D
Acq: 26 Mar 2024 19:03

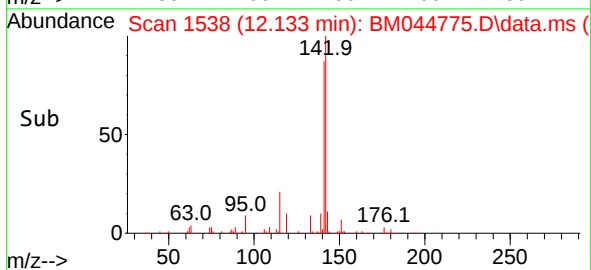
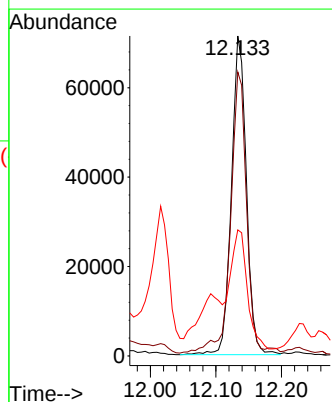
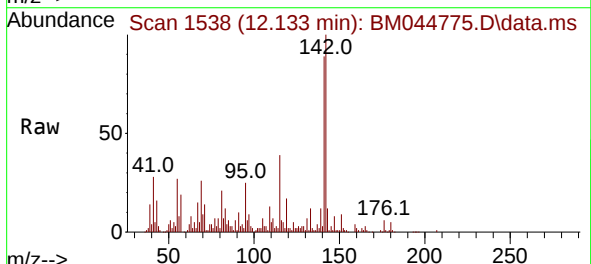
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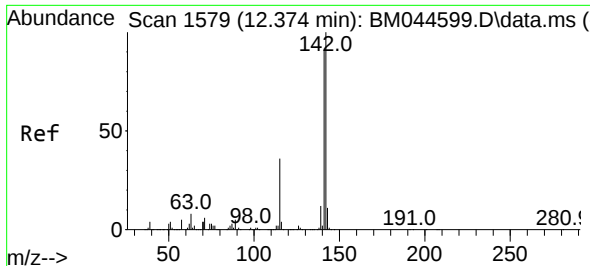
Tgt Ion:113 Resp: 7979
Ion Ratio Lower Upper
113 100
55 865.6 161.1 201.1#
56 481.9 113.2 153.2#



#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

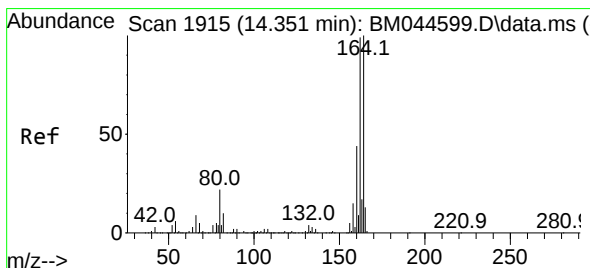
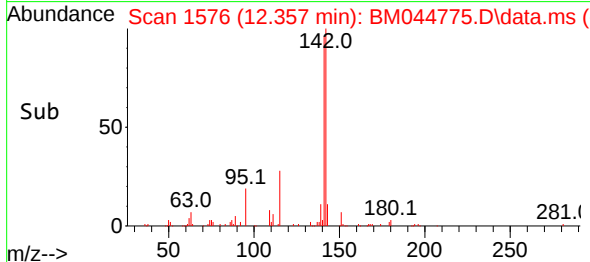
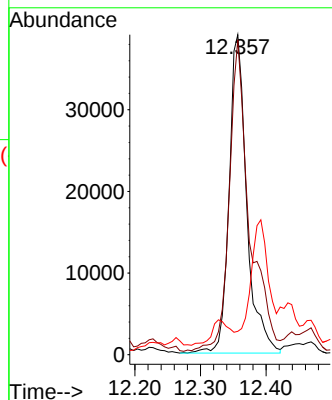
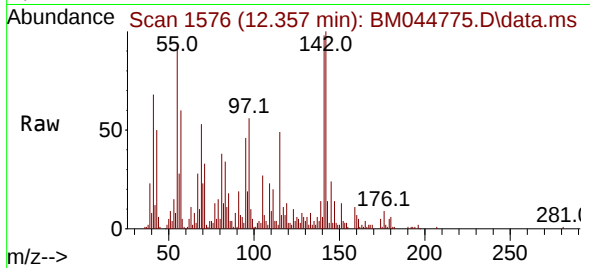




#38
1-Methylnaphthalene
Concen: 3.563 ng
RT: 12.357 min Scan# 11
Delta R.T. -0.018 min
Lab File: BM044775.D
Acq: 26 Mar 2024 19:03

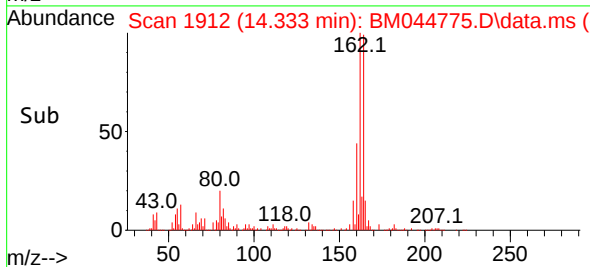
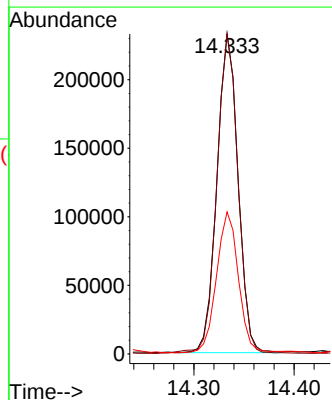
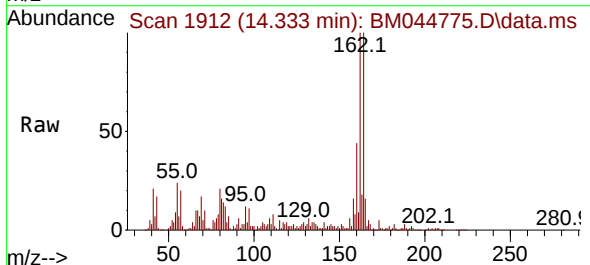
Instrument :
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HD-02-03252024

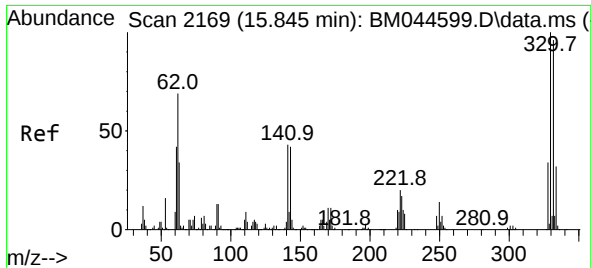
Tgt Ion:142 Resp: 72892
Ion Ratio Lower Upper
142 100
141 98.4 72.9 109.3
116 7.3 2.9 4.3#



#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

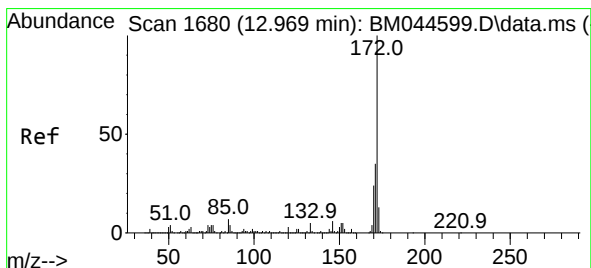
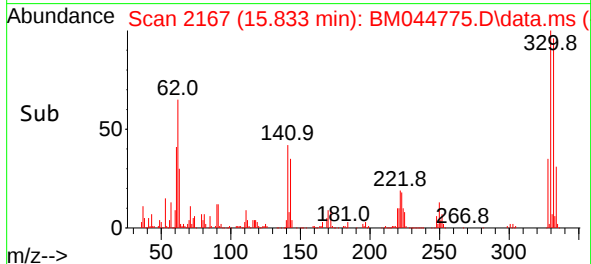
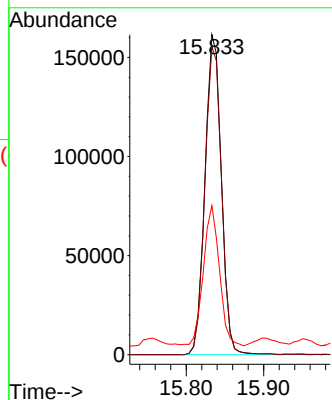
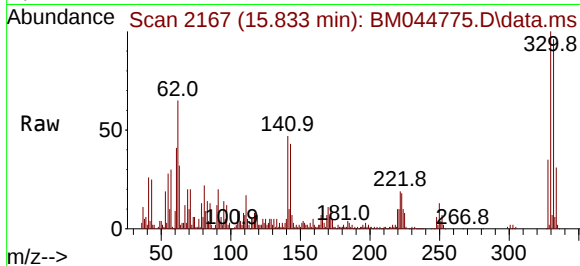




#42
 2,4,6-Tribromophenol
 Concen: 63.467 ng
 RT: 15.833 min Scan# 2167
 Delta R.T. -0.012 min
 Lab File: BM044775.D
 Acq: 26 Mar 2024 19:03

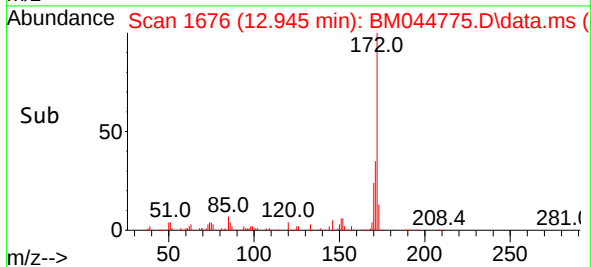
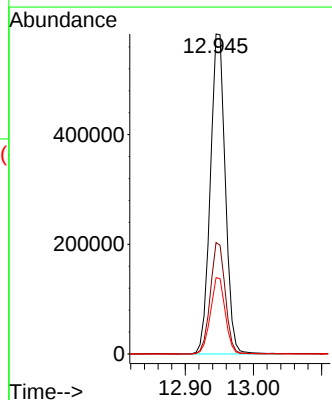
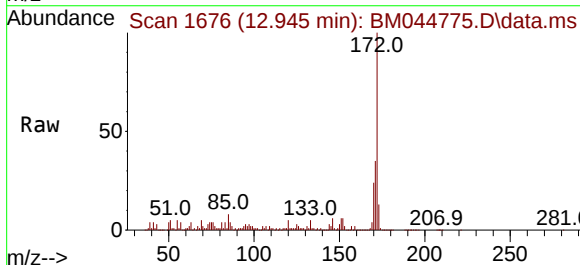
Instrument :
 BNA_M
 ClientSampleId :
 HD-02-03252024

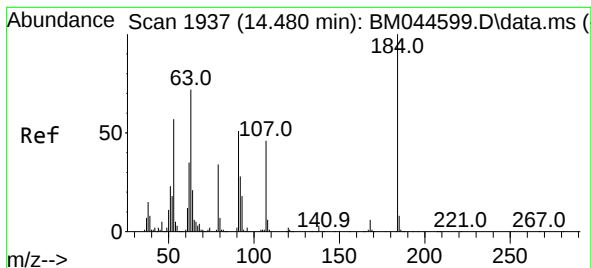
Tgt Ion:330 Resp: 237641
 Ion Ratio Lower Upper
 330 100
 332 97.3 77.8 116.8
 141 42.8 33.4 50.0



#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

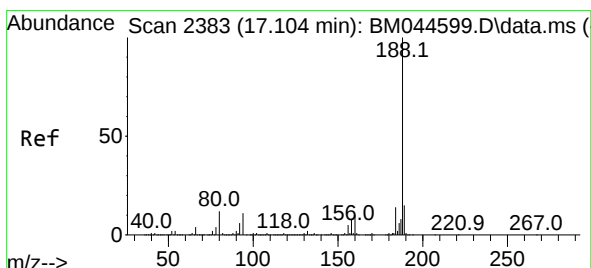
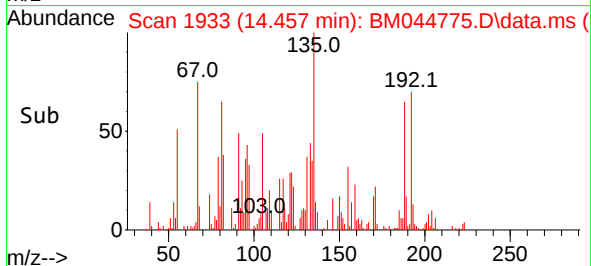
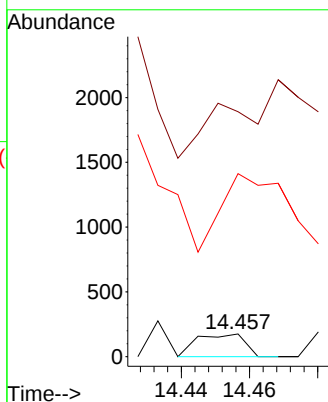
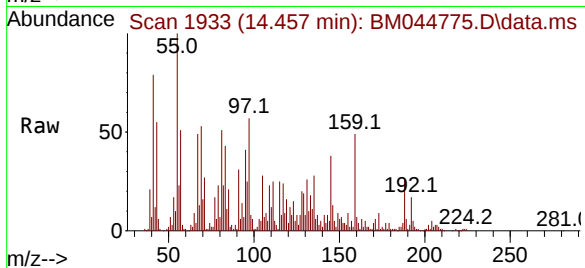




#54
2,4-Dinitrophenol
Concen: 4.556 ng
RT: 14.457 min Scan# 1937
Delta R.T. -0.023 min
Lab File: BM044775.D
Acq: 26 Mar 2024 19:03

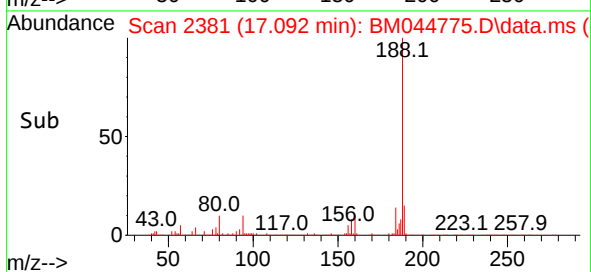
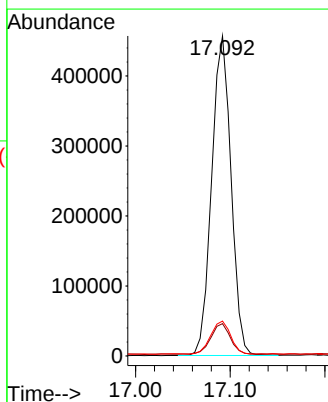
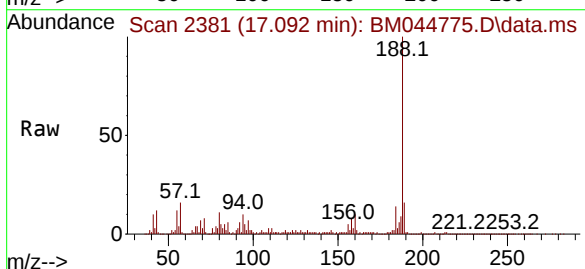
Instrument :
BNA_M
ClientSampleId :
HD-02-03252024

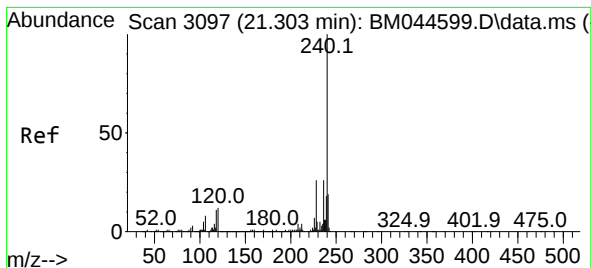
Tgt Ion:184 Resp: 171
Ion Ratio Lower Upper
184 100
63 1080.6 62.2 93.2#
154 807.4 47.9 71.9#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.092 min Scan# 2381
Delta R.T. -0.012 min
Lab File: BM044775.D
Acq: 26 Mar 2024 19:03

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# 30

Delta R.T. -0.012 min

Lab File: BM044775.D

Acq: 26 Mar 2024 19:03

Instrument :

BNA_M

ClientSampleId :

HD-02-03252024

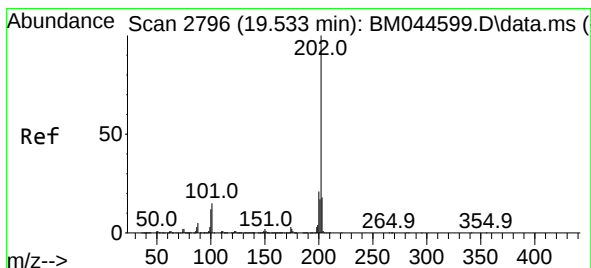
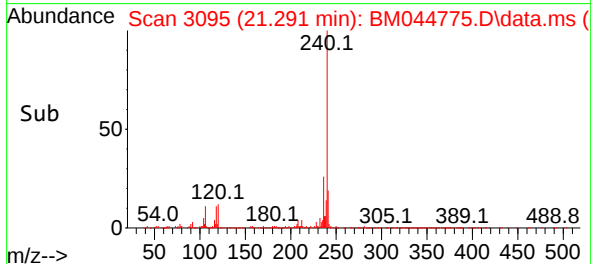
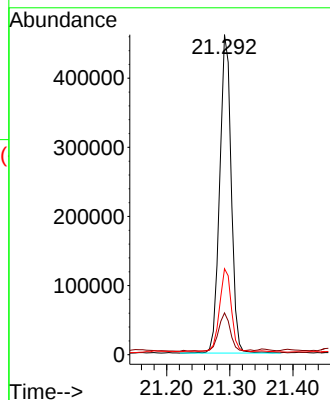
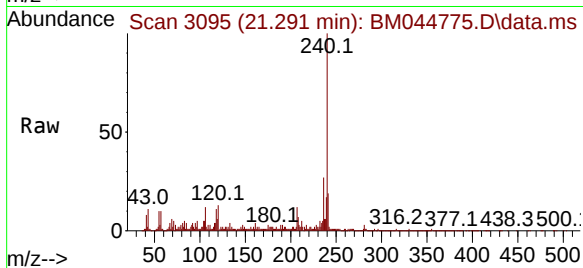
Tgt Ion:240 Resp: 583513

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# 2796

Delta R.T. -0.000 min

Lab File: BM044775.D

Acq: 26 Mar 2024 19:03

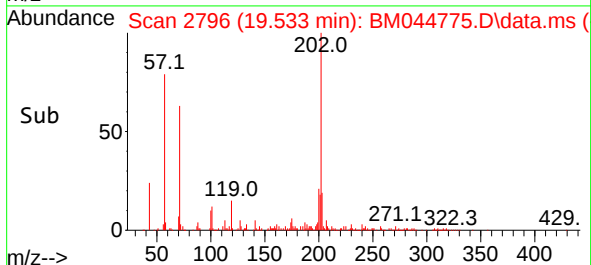
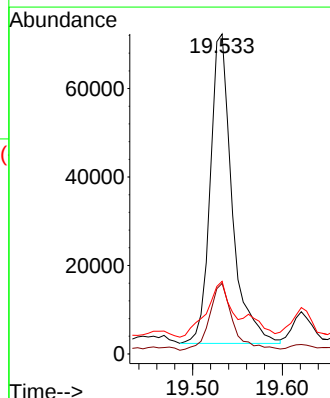
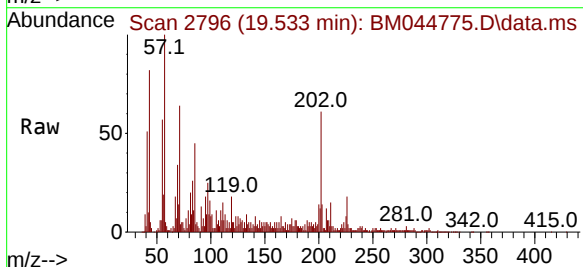
Tgt Ion:202 Resp: 117980

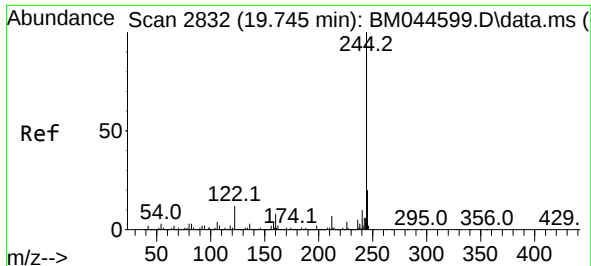
Ion Ratio Lower Upper

202 100

200 22.0 17.0 25.4

203 22.7 14.1 21.1#

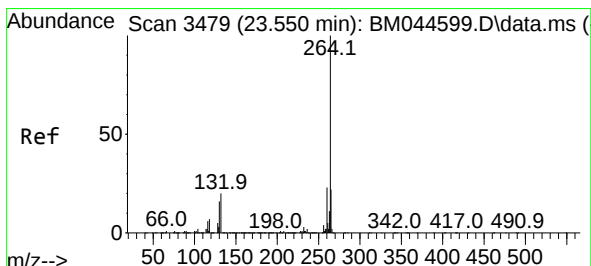
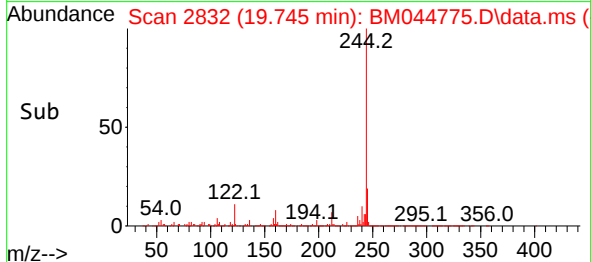
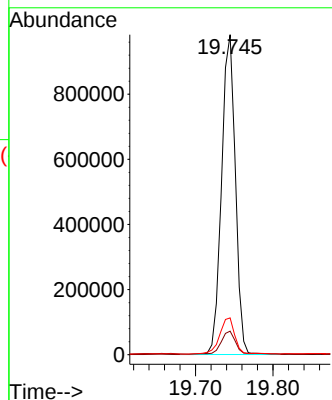
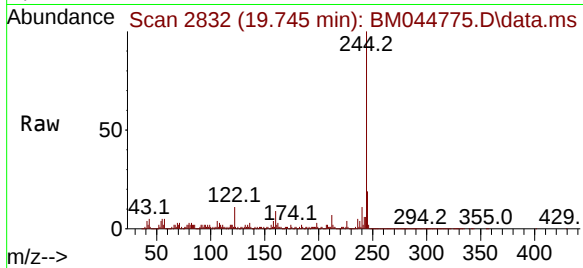




#79
 Terphenyl-d14
 Concen: 36.360 ng
 RT: 19.745 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BM044775.D
 Acq: 26 Mar 2024 19:03

Instrument :
 BNA_M
 ClientSampleId :
 HD-02-03252024

Tgt Ion: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# 3478
 Delta R.T. -0.006 min
 Lab File: BM044775.D
 Acq: 26 Mar 2024 19:03

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

