

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102723\
 Data File : BM042485.D
 Acq On : 27 Oct 2023 22:50
 Operator : MA/JU
 Sample : 04909-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 LCOL-12

Quant Time: Oct 28 00:30:30 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM102123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Oct 28 00:26:13 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

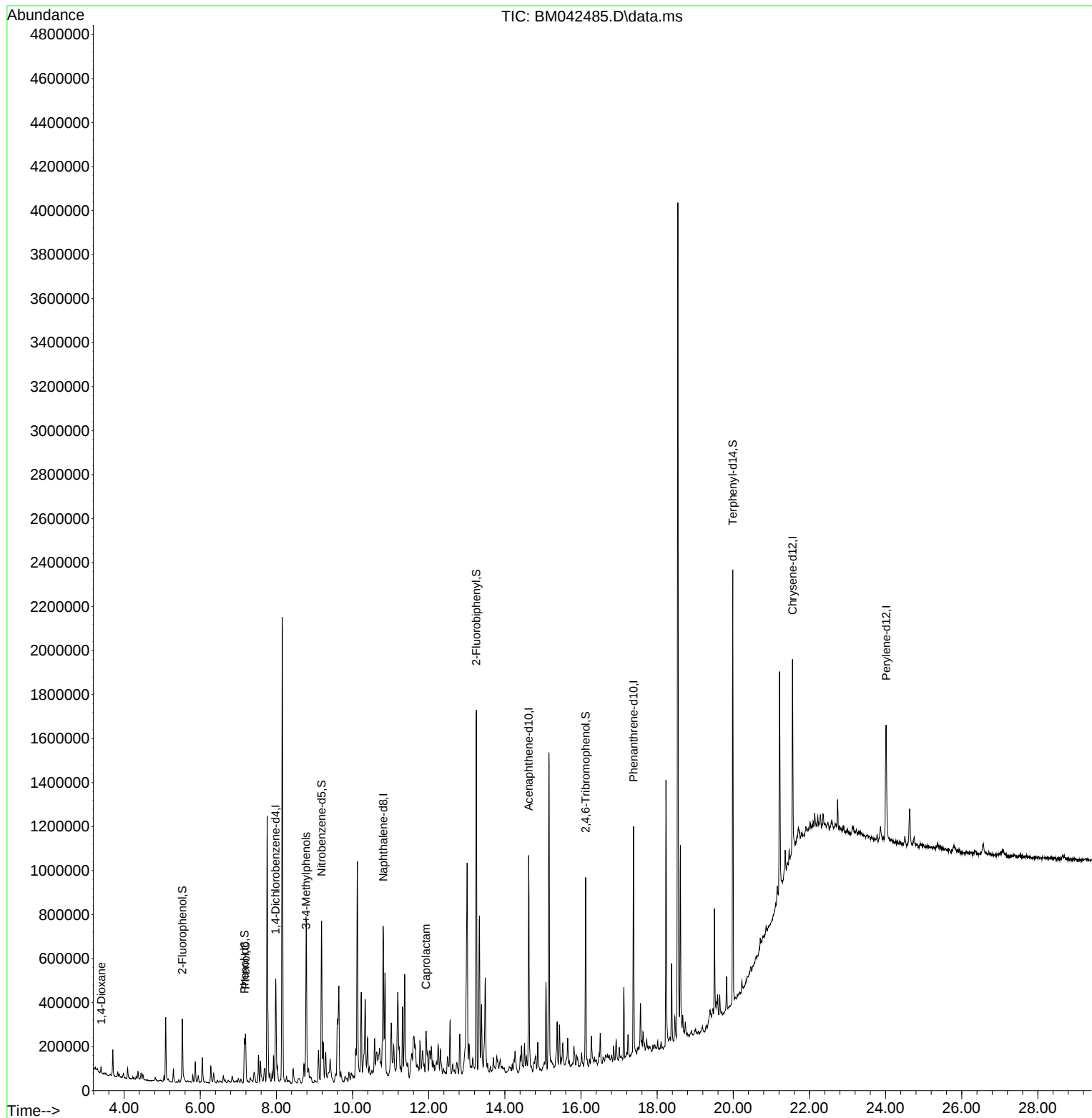
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.981	152	117495	20.000	ng	0.00
21) Naphthalene-d8	10.804	136	502600	20.000	ng	0.00
39) Acenaphthene-d10	14.627	164	308163	20.000	ng	0.00
64) Phenanthrene-d10	17.380	188	614613	20.000	ng	0.00
76) Chrysene-d12	21.556	240	448672	20.000	ng	0.00
86) Perylene-d12	24.015	264	443602	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	119759	14.405	ng	0.00
7) Phenol-d6	7.163	99	112184	10.069	ng	0.00
23) Nitrobenzene-d5	9.187	82	412716	36.311	ng	0.00
42) 2,4,6-Tribromophenol	16.121	330	133810	45.766	ng	0.00
45) 2-Fluorobiphenyl	13.251	172	792545	34.633	ng	0.00
79) Terphenyl-d14	19.986	244	883213	34.911	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.399	88	9743	2.489	ng	# 77
10) Phenol	7.187	94	117869	10.239	ng	100
20) 3+4-Methylphenols	8.775	107	87464	8.584	ng	95
35) Caprolactam	11.928	113	28340	15.113	ng	94

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

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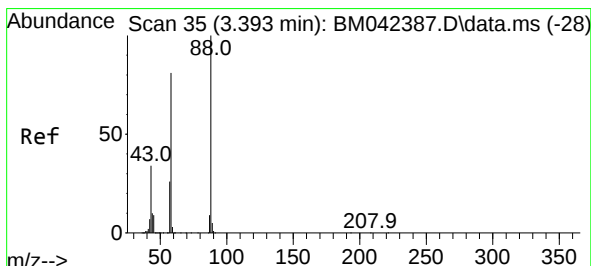
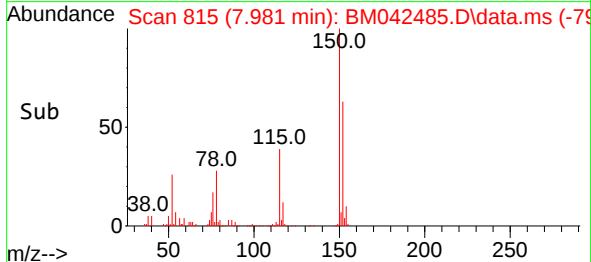
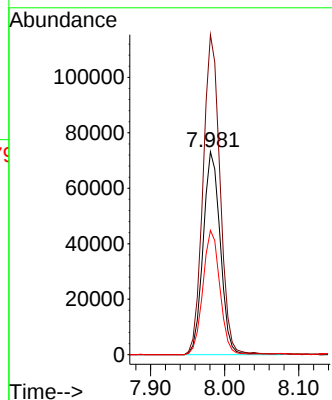
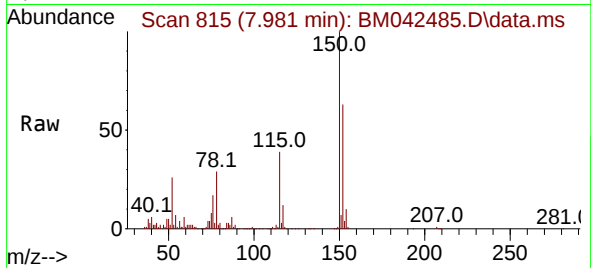




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.981 min Scan# 81
 Delta R.T. -0.006 min
 Lab File: BM042485.D
 Acq: 27 Oct 2023 22:50

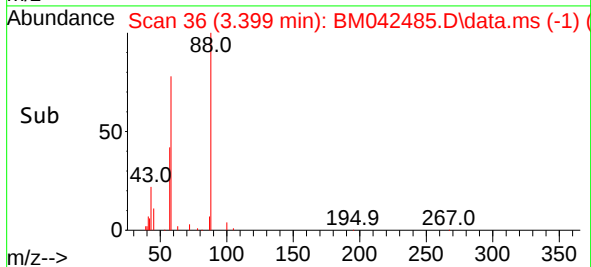
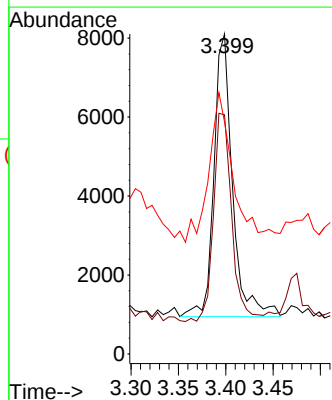
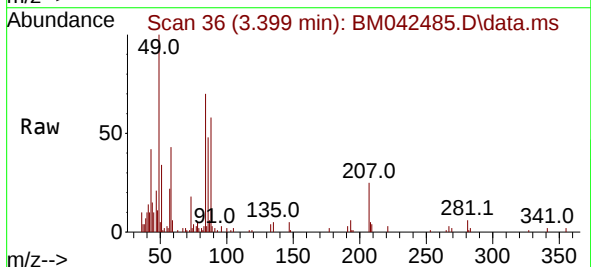
Instrument :
 BNA_M
 ClientSampleId :
 LCOL-12

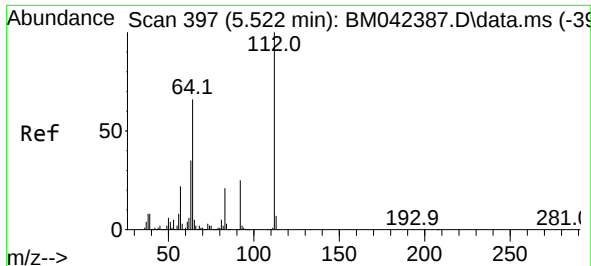
Tgt Ion:152 Resp: 117495
 Ion Ratio Lower Upper
 152 100
 150 157.8 126.2 189.4
 115 61.3 51.9 77.9



#2
 1,4-Dioxane
 Concen: 2.489 ng
 RT: 3.399 min Scan# 36
 Delta R.T. -0.000 min
 Lab File: BM042485.D
 Acq: 27 Oct 2023 22:50

Tgt Ion: 88 Resp: 9743
 Ion Ratio Lower Upper
 88 100
 58 72.8 64.9 97.3
 43 67.0 27.8 41.8#

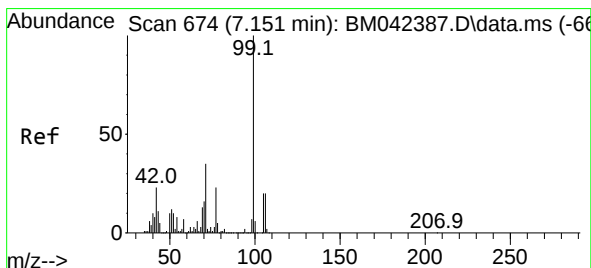
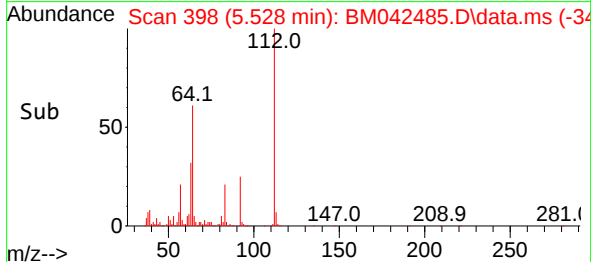
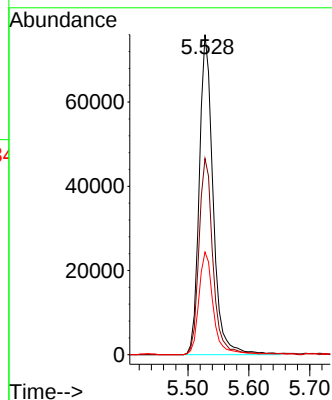
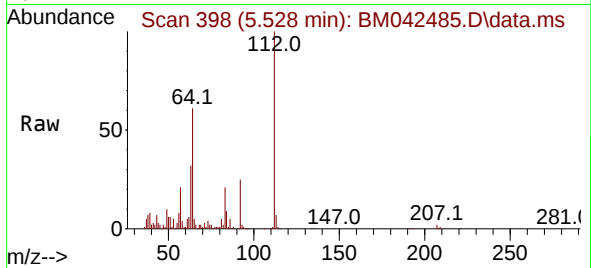




#5
2-Fluorophenol
Concen: 14.405 ng
RT: 5.528 min Scan# 397
Delta R.T. -0.006 min
Lab File: BM042485.D
Acq: 27 Oct 2023 22:50

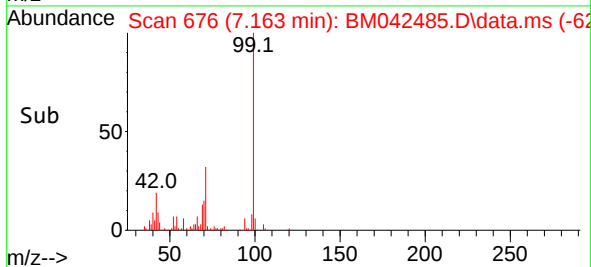
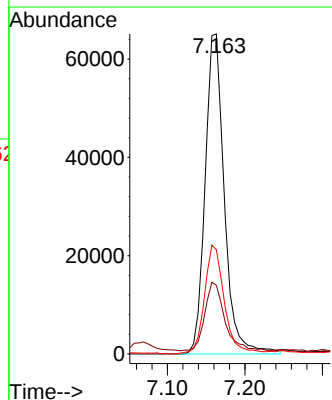
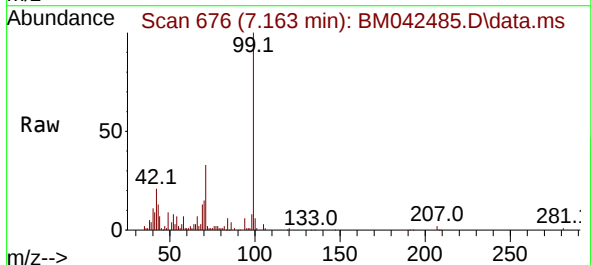
Instrument :
BNA_M
ClientSampleId :
LCOL-12

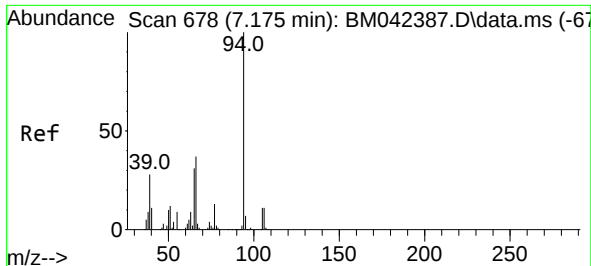
Tgt Ion:112 Resp: 119759
Ion Ratio Lower Upper
112 100
64 61.3 52.7 79.1
63 32.1 28.3 42.5



#7
Phenol-d6
Concen: 10.069 ng
RT: 7.163 min Scan# 676
Delta R.T. -0.006 min
Lab File: BM042485.D
Acq: 27 Oct 2023 22:50

Tgt Ion: 99 Resp: 112184
Ion Ratio Lower Upper
99 100
42 21.5 18.5 27.7
71 32.5 27.7 41.5

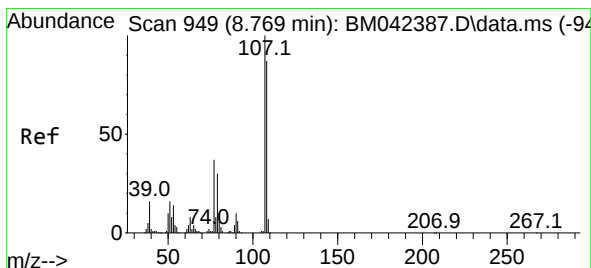
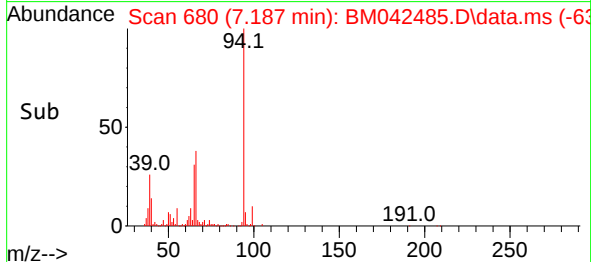
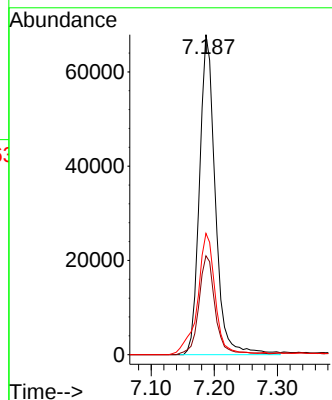
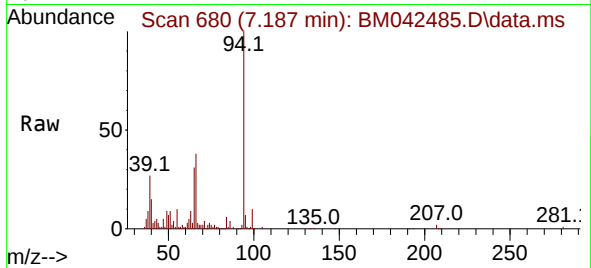




#10
Phenol
Concen: 10.239 ng
RT: 7.187 min Scan# 61
Delta R.T. -0.006 min
Lab File: BM042485.D
Acq: 27 Oct 2023 22:50

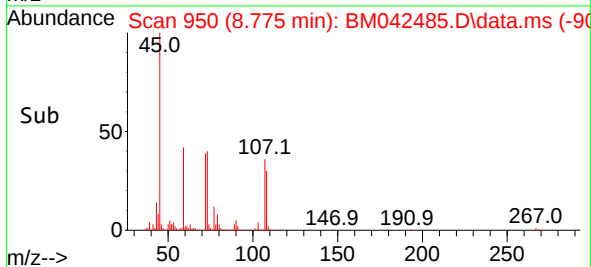
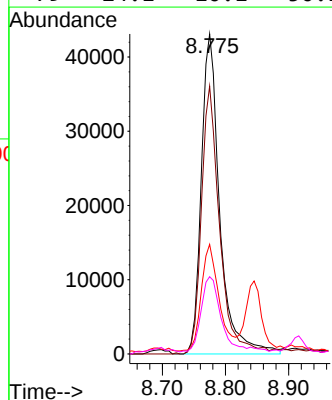
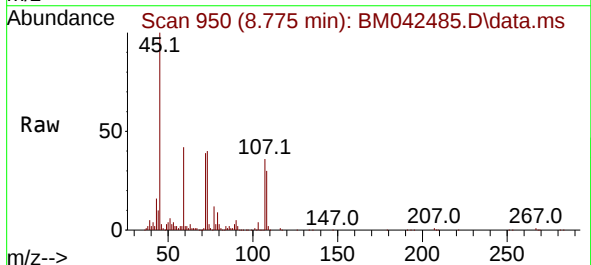
Instrument :
BNA_M
ClientSampleId :
LCOL-12

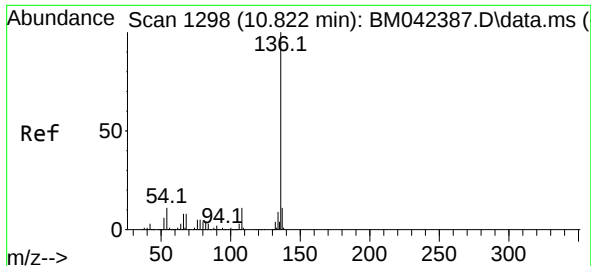
Tgt Ion: 94 Resp: 117869
Ion Ratio Lower Upper
94 100
65 30.9 10.9 50.9
66 37.9 18.2 58.2



#20
3+4-Methylphenols
Concen: 8.584 ng
RT: 8.775 min Scan# 950
Delta R.T. -0.012 min
Lab File: BM042485.D
Acq: 27 Oct 2023 22:50

Tgt Ion:107 Resp: 87464
Ion Ratio Lower Upper
107 100
108 83.7 67.2 107.2
77 34.3 16.8 56.8
79 24.1 10.1 50.1

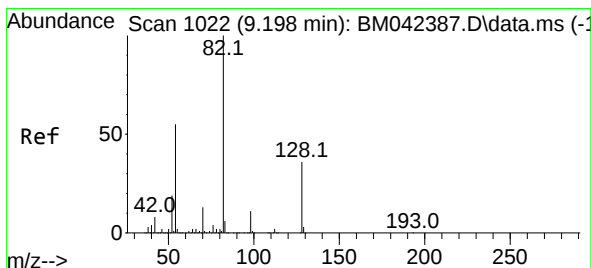
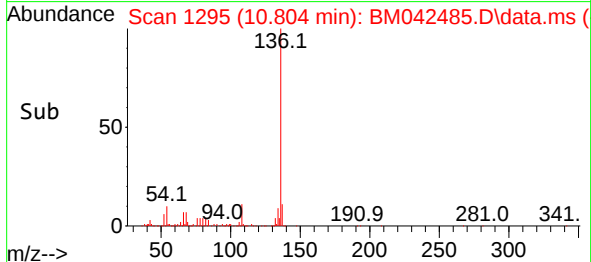
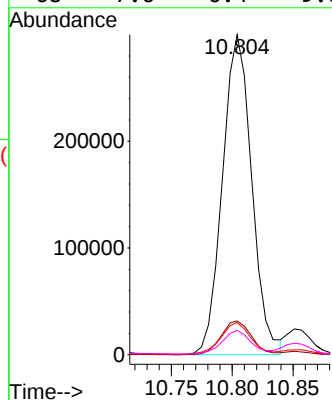
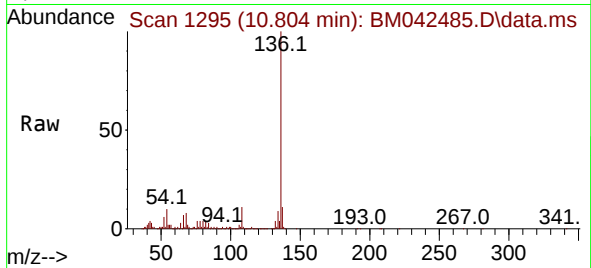




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.804 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM042485.D
Acq: 27 Oct 2023 22:50

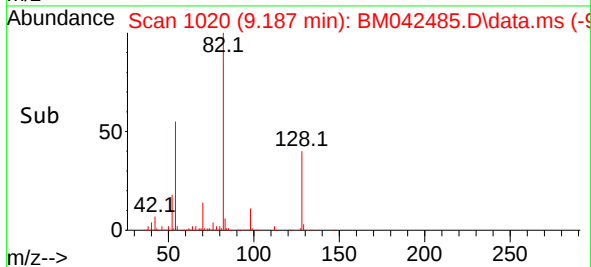
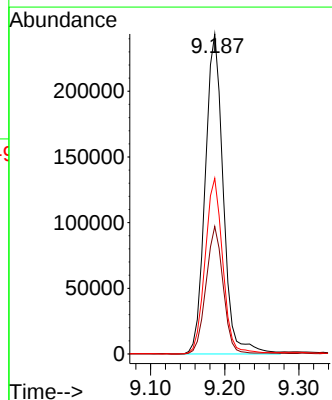
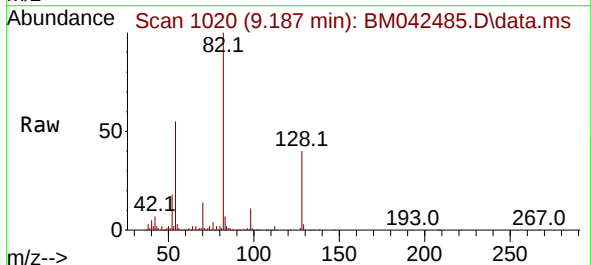
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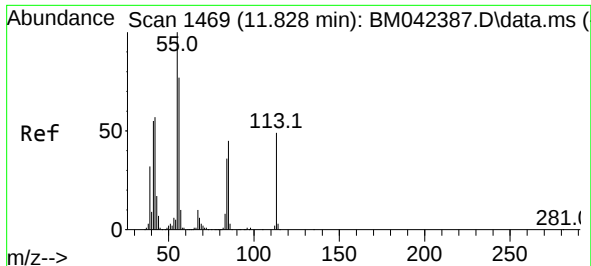
Tgt Ion:136 Resp: 502600
Ion Ratio Lower Upper
136 100
137 10.6 8.5 12.7
54 10.1 8.6 12.8
68 7.6 6.4 9.6



#23
Nitrobenzene-d5
Concen: 36.311 ng
RT: 9.187 min Scan# 1020
Delta R.T. -0.006 min
Lab File: BM042485.D
Acq: 27 Oct 2023 22:50

Tgt Ion: 82 Resp: 412716
Ion Ratio Lower Upper
82 100
128 39.8 29.0 43.6
54 54.9 43.7 65.5

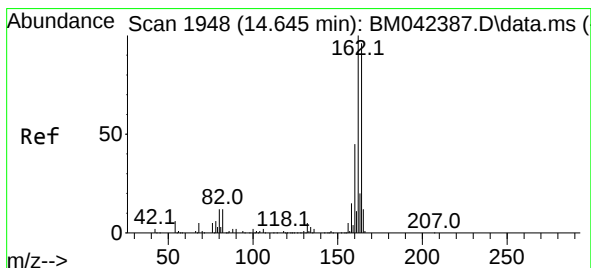
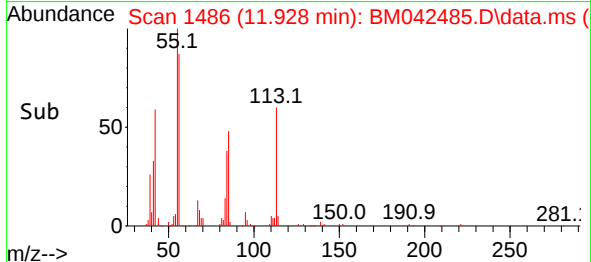
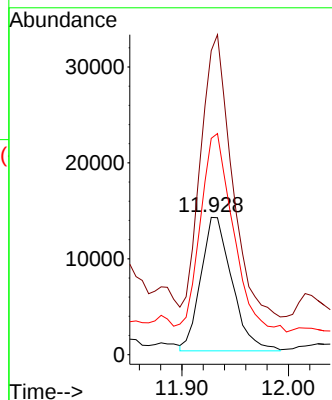
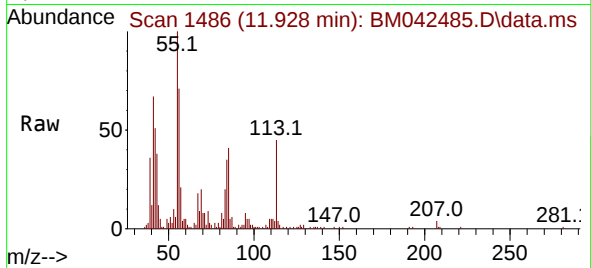




#35
 Caprolactam
 Concen: 15.113 ng
 RT: 11.928 min Scan# 1469
 Delta R.T. -0.018 min
 Lab File: BM042485.D
 Acq: 27 Oct 2023 22:50

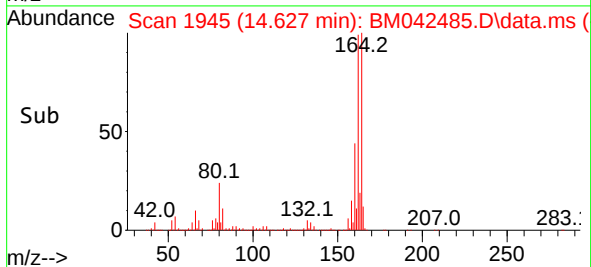
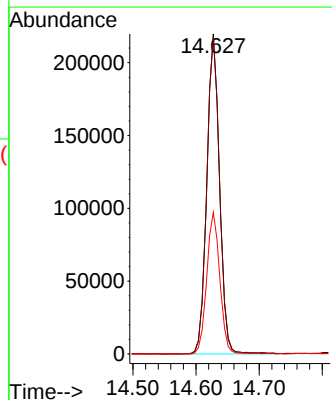
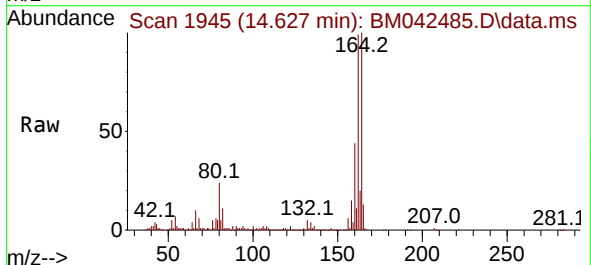
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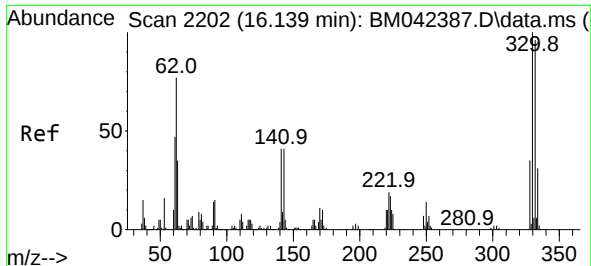
Tgt Ion:113 Resp: 28340
 Ion Ratio Lower Upper
 113 100
 55 221.4 185.6 225.6
 56 157.5 137.8 177.8



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.627 min Scan# 1945
 Delta R.T. -0.006 min
 Lab File: BM042485.D
 Acq: 27 Oct 2023 22:50

Tgt Ion:164 Resp: 308163
 Ion Ratio Lower Upper
 164 100
 162 99.0 83.0 124.4
 160 44.3 37.0 55.4

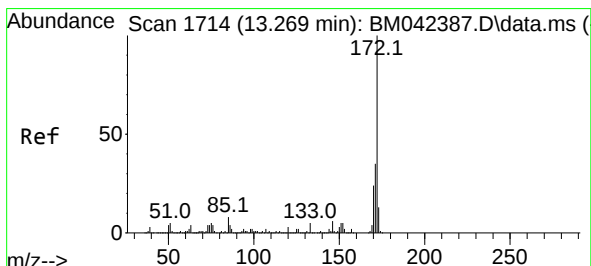
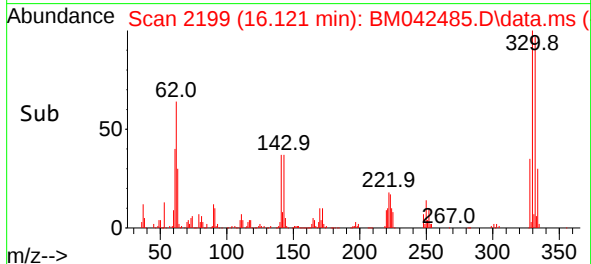
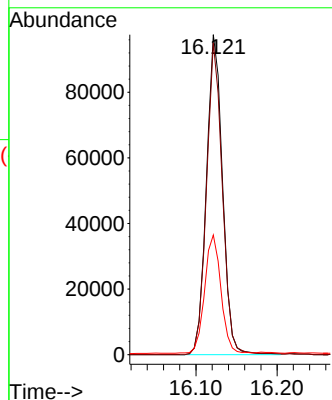
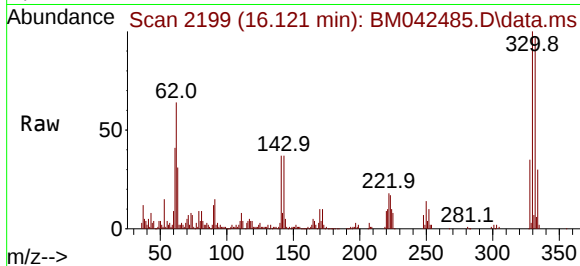




#42
2,4,6-Tribromophenol
Concen: 45.766 ng
RT: 16.121 min Scan# 2199
Delta R.T. -0.006 min
Lab File: BM042485.D
Acq: 27 Oct 2023 22:50

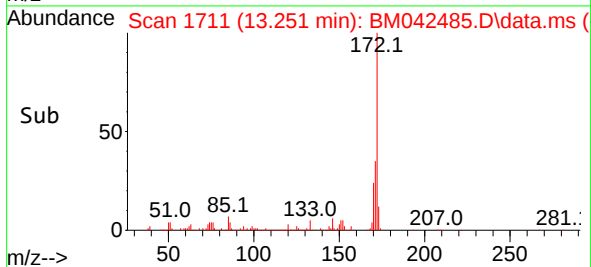
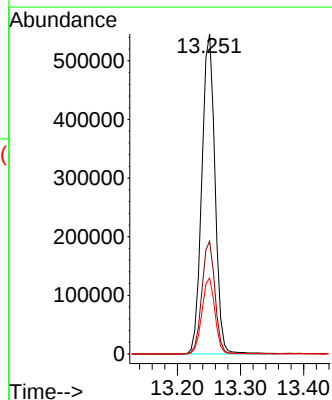
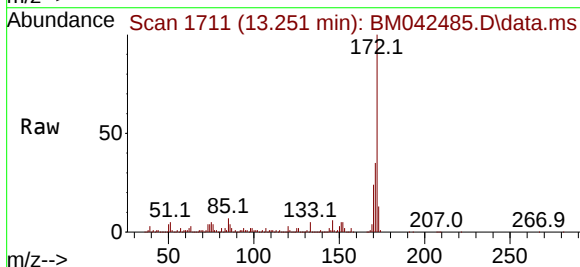
Instrument :
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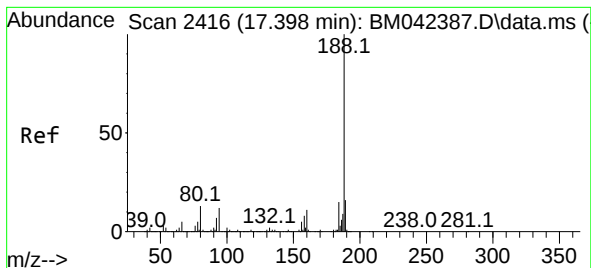
Tgt Ion:330 Resp: 133810
Ion Ratio Lower Upper
330 100
332 96.1 77.6 116.4
141 37.4 38.0 57.0#



#45
2-Fluorobiphenyl
Concen: 34.633 ng
RT: 13.251 min Scan# 1711
Delta R.T. -0.006 min
Lab File: BM042485.D
Acq: 27 Oct 2023 22:50

Tgt Ion:172 Resp: 792545
Ion Ratio Lower Upper
172 100
171 35.2 28.1 42.1
170 23.7 18.9 28.3





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.380 min Scan# 2416

Delta R.T. -0.006 min

Lab File: BM042485.D

Acq: 27 Oct 2023 22:50

Instrument :

BNA_M

ClientSampleId :

LCOL-12

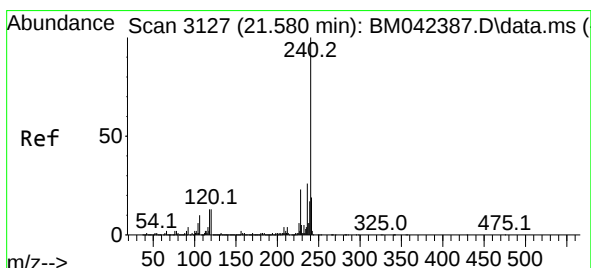
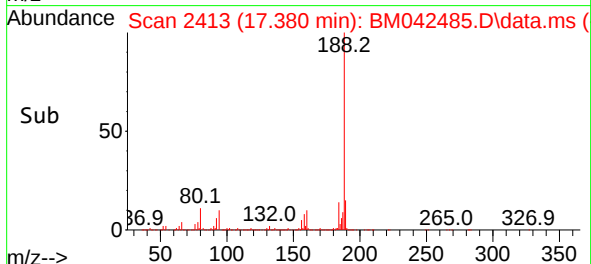
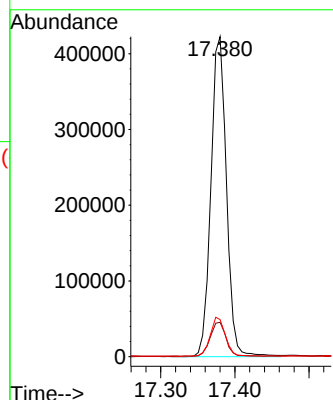
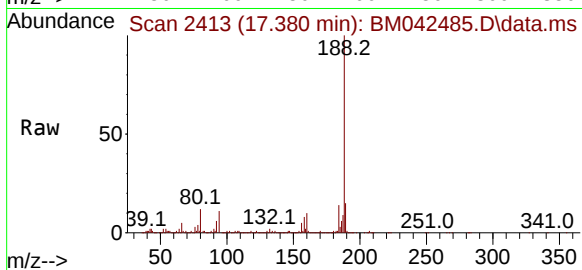
Tgt Ion:188 Resp: 614613

Ion Ratio Lower Upper

188 100

94 10.7 9.4 14.0

80 11.6 10.7 16.1



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.556 min Scan# 3123

Delta R.T. -0.006 min

Lab File: BM042485.D

Acq: 27 Oct 2023 22:50

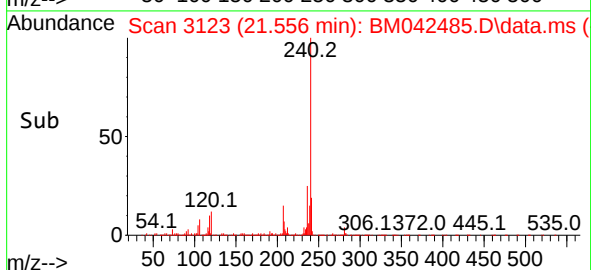
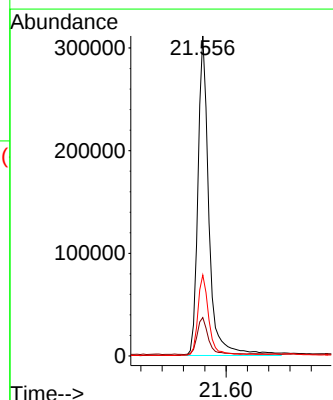
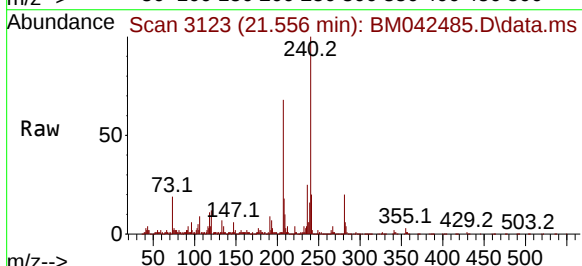
Tgt Ion:240 Resp: 448672

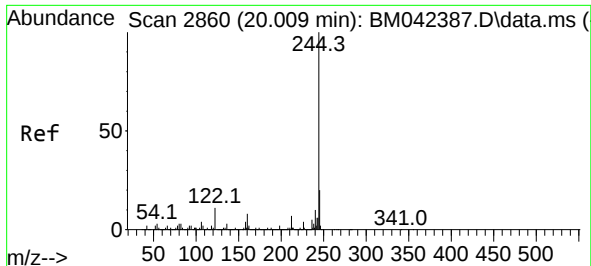
Ion Ratio Lower Upper

240 100

120 12.0 10.7 16.1

236 25.3 20.7 31.1

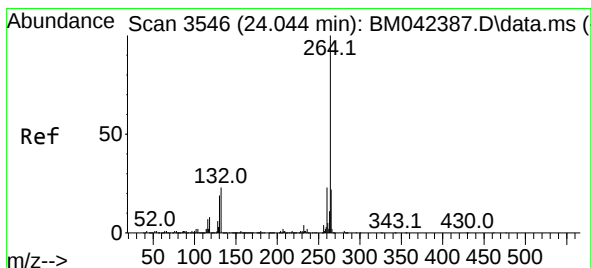
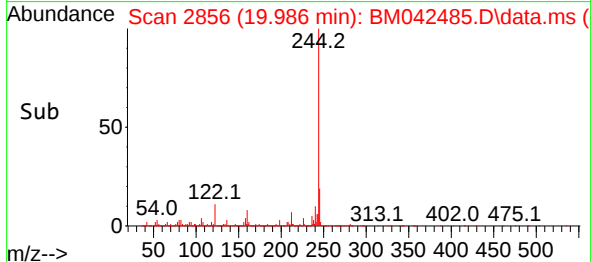
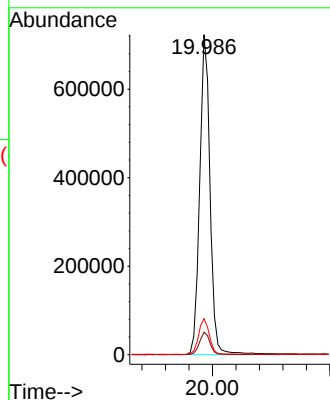
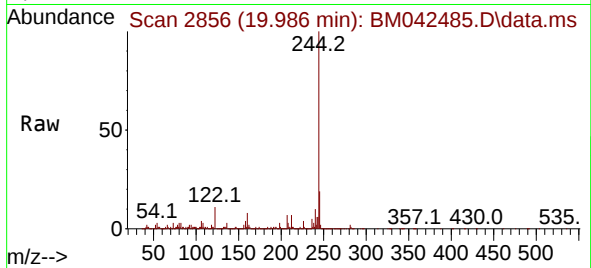




#79
 Terphenyl-d14
 Concen: 34.911 ng
 RT: 19.986 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BM042485.D
 Acq: 27 Oct 2023 22:50

Instrument :
 BNA_M
 ClientSampleId :
 LCOL-12

Tgt Ion:244 Resp: 883213
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.6 8.4
 122 11.3 8.8 13.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.015 min Scan# 3541
 Delta R.T. -0.006 min
 Lab File: BM042485.D
 Acq: 27 Oct 2023 22:50

Tgt Ion:264 Resp: 443602
 Ion Ratio Lower Upper
 264 100
 260 23.5 18.6 27.8
 265 24.8 17.8 26.8

