

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081122\
 Data File : BM036213.D
 Acq On : 11 Aug 2022 17:31
 Operator : CG/JU
 Sample : N3972-03
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SPN-7

Quant Time: Aug 12 02:16:41 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM080122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 10 22:19:26 2022
 Response via : Initial Calibration

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

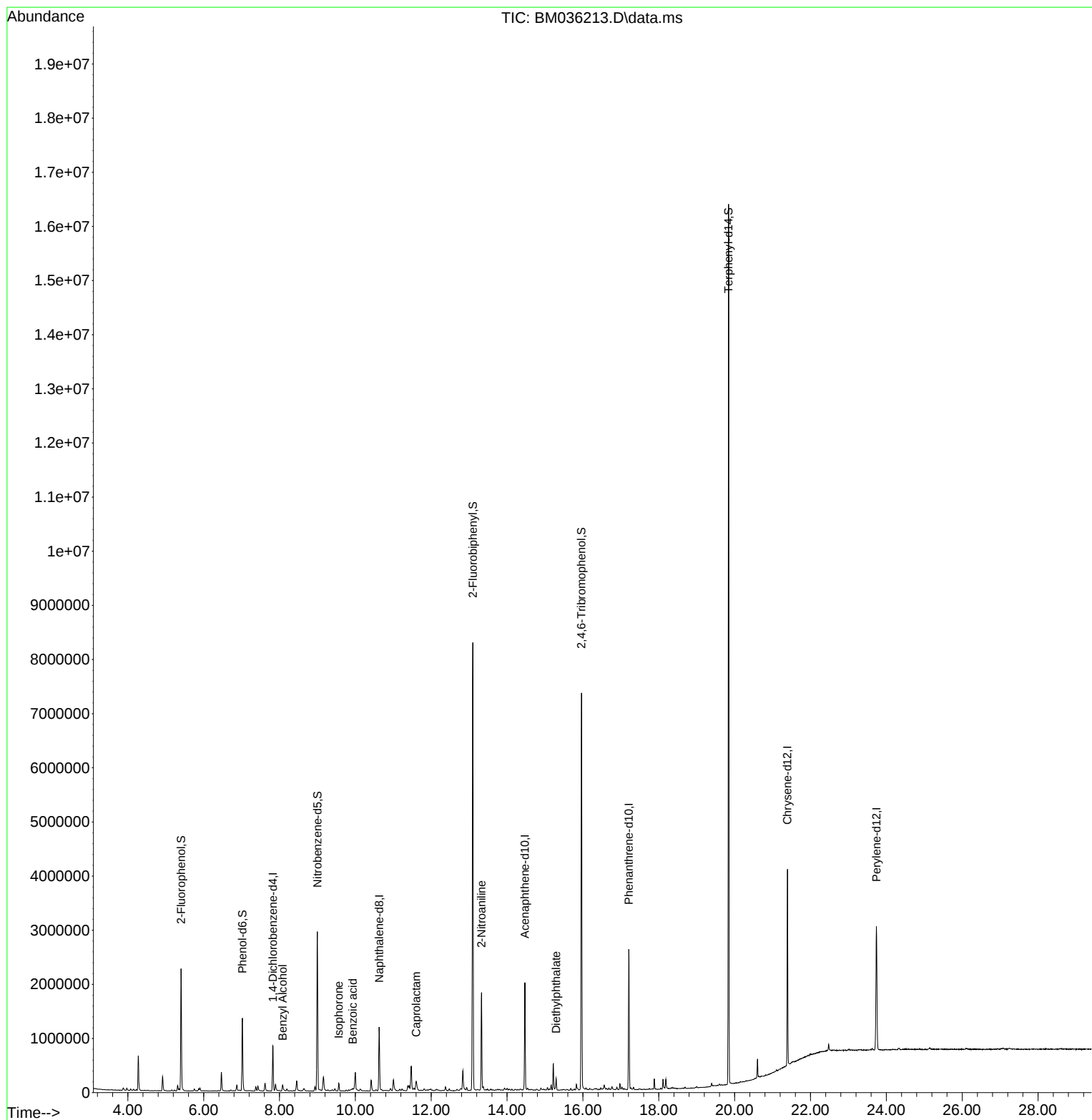
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.828	152	228458	20.000	ng	0.00
21) Naphthalene-d8	10.628	136	978018	20.000	ng	-0.01
39) Acenaphthene-d10	14.469	164	661085	20.000	ng	0.00
64) Phenanthrene-d10	17.210	188	1488707	20.000	ng	0.00
76) Chrysene-d12	21.392	240	1614164	20.000	ng	0.00
86) Perylene-d12	23.739	264	1626787	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.404	112	979940	69.542	ng	-0.01
7) Phenol-d6	7.022	99	784699	43.764	ng	-0.01
23) Nitrobenzene-d5	8.998	82	1653101	94.615	ng	0.00
42) 2,4,6-Tribromophenol	15.963	330	1293469	166.783	ng	0.00
45) 2-Fluorobiphenyl	13.098	172	3958807	88.416	ng	0.00
79) Terphenyl-d14	19.839	244	7252212	88.619	ng	0.00
Target Compounds						
						Qvalue
15) Benzyl Alcohol	8.081	79	46377	3.854	ng	95
25) Isophorone	9.563	82	90950	3.200	ng	99
32) Benzoic acid	9.934	122	20013	2.104	ng	88
35) Caprolactam	11.604	113	37175	8.943	ng	95
48) 2-Nitroaniline	13.327	65	43784	4.357	ng	# 15
60) Diethylphthalate	15.292	149	110352	2.389	ng	99

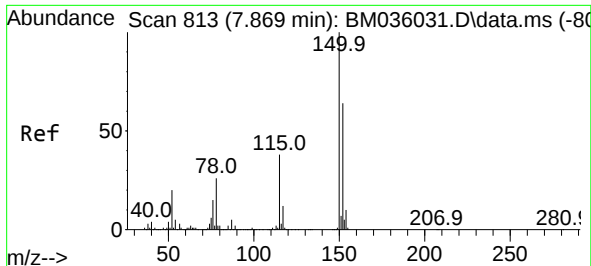
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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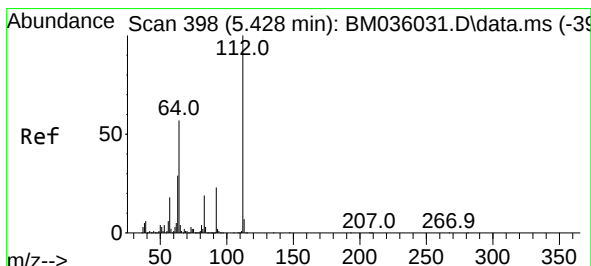
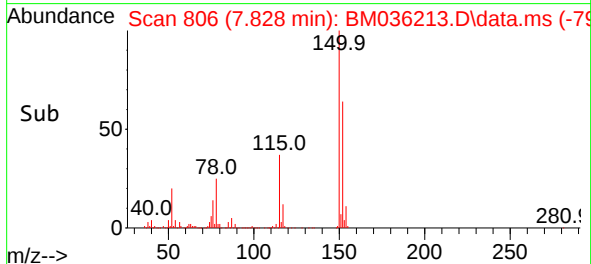
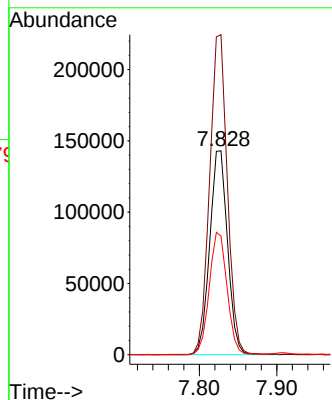
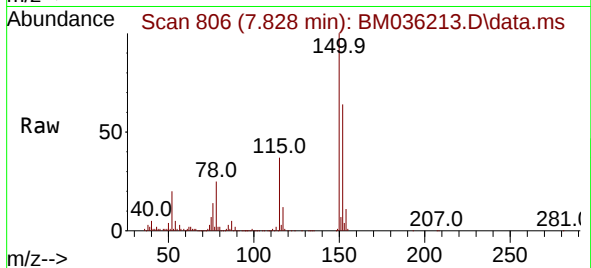




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.828 min Scan# 806
Delta R.T. -0.006 min
Lab File: BM036213.D
Acq: 11 Aug 2022 17:31

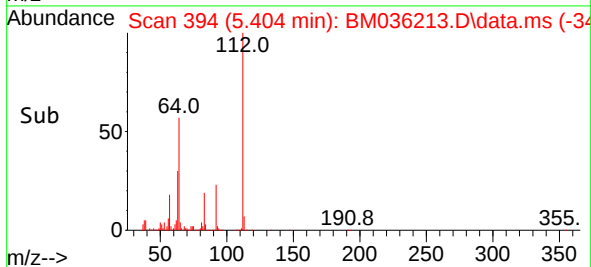
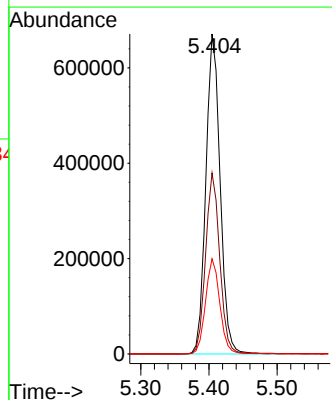
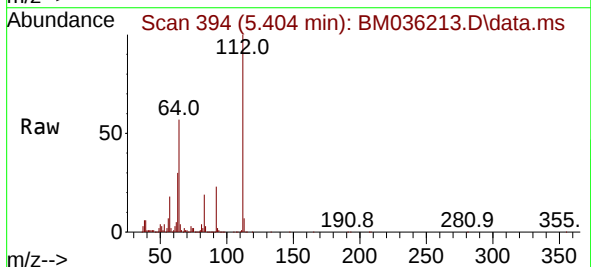
Instrument :
BNA_M
ClientSampleId :
SPN-7

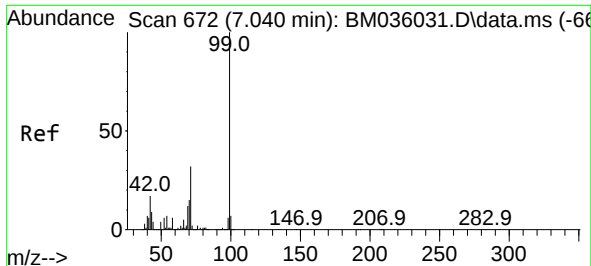
Tgt Ion:152 Resp: 228458
Ion Ratio Lower Upper
152 100
150 157.0 124.9 187.3
115 58.3 47.9 71.9



#5
2-Fluorophenol
Concen: 69.542 ng
RT: 5.404 min Scan# 394
Delta R.T. -0.012 min
Lab File: BM036213.D
Acq: 11 Aug 2022 17:31

Tgt Ion:112 Resp: 979940
Ion Ratio Lower Upper
112 100
64 56.5 47.8 71.6
63 29.7 26.6 40.0

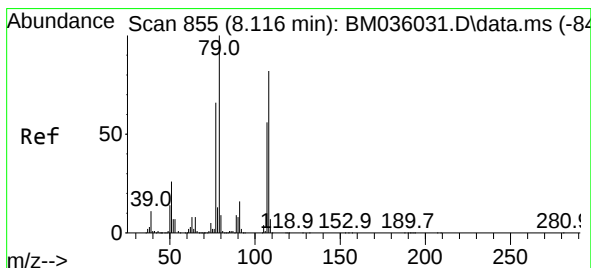
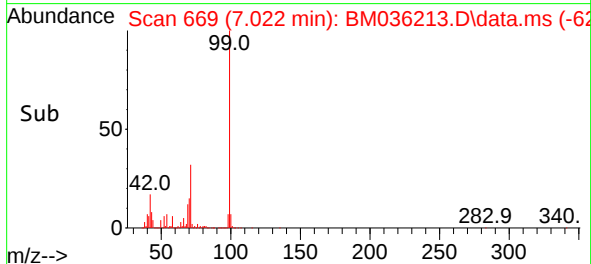
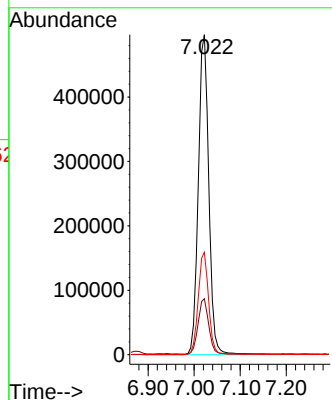
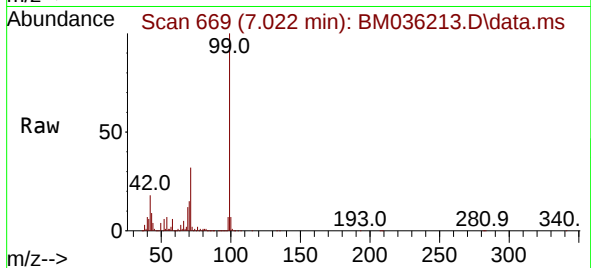




#7
Phenol-d6
Concen: 43.764 ng
RT: 7.022 min Scan# 60
Delta R.T. -0.012 min
Lab File: BM036213.D
Acq: 11 Aug 2022 17:31

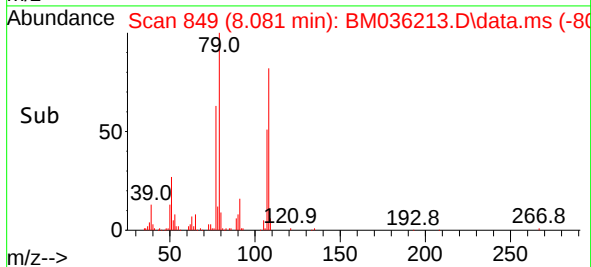
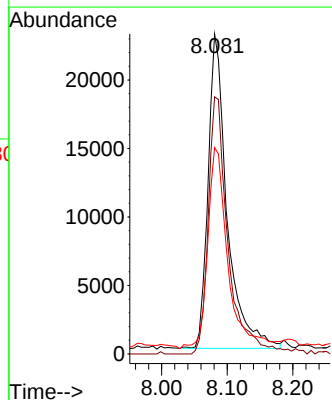
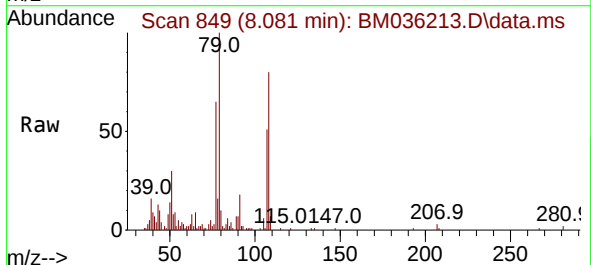
Instrument :
BNA_M
ClientSampleId :
SPN-7

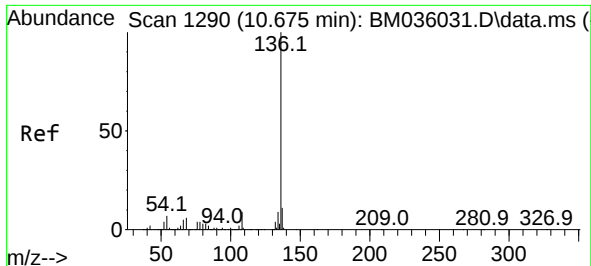
Tgt Ion: 99 Resp: 784699
Ion Ratio Lower Upper
99 100
42 17.5 18.8 28.2#
71 32.0 30.2 45.2



#15
Benzyl Alcohol
Concen: 3.854 ng
RT: 8.081 min Scan# 849
Delta R.T. -0.012 min
Lab File: BM036213.D
Acq: 11 Aug 2022 17:31

Tgt Ion: 79 Resp: 46377
Ion Ratio Lower Upper
79 100
108 80.3 59.0 88.4
77 64.5 52.2 78.4

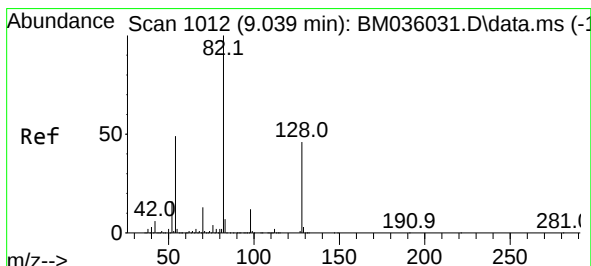
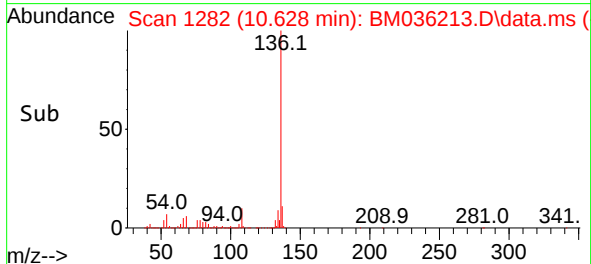
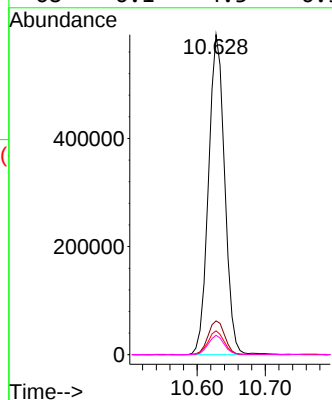
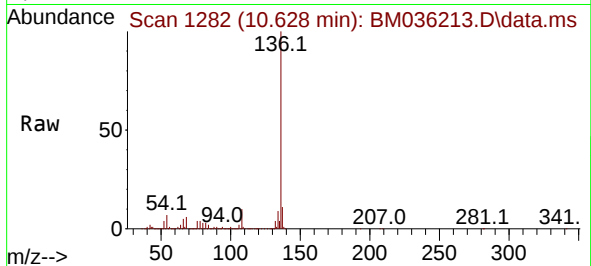




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.628 min Scan# 11
Delta R.T. -0.012 min
Lab File: BM036213.D
Acq: 11 Aug 2022 17:31

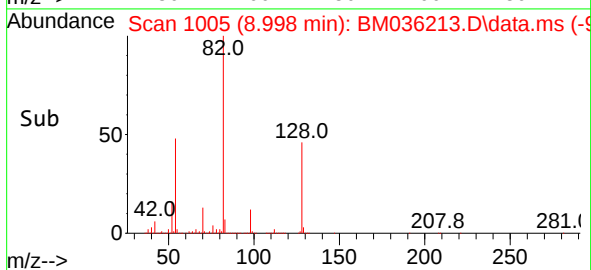
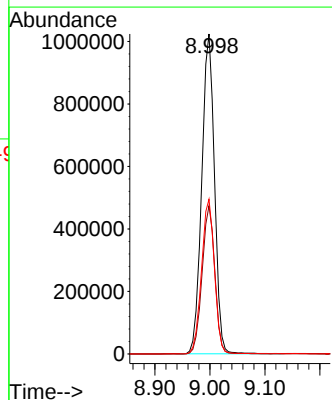
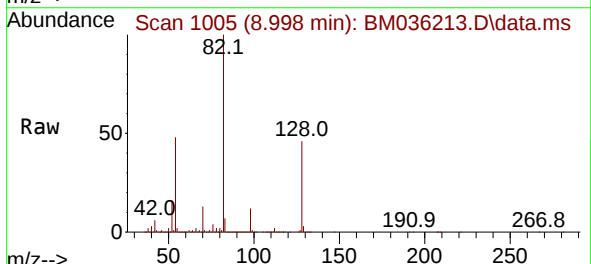
Instrument :
BNA_M
ClientSampleId :
SPN-7

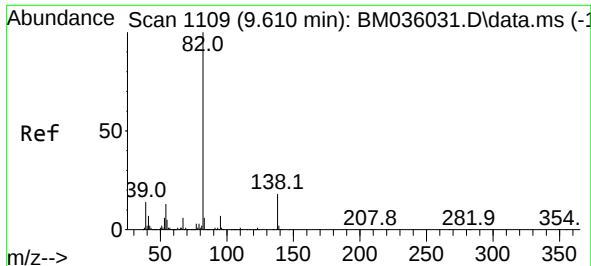
Tgt Ion:136	Resp: 978018
Ion Ratio	Lower Upper
136 100	
137 10.6	8.9 13.3
54 7.4	7.0 10.4
68 6.1	4.3 6.5



#23
Nitrobenzene-d5
Concen: 94.615 ng
RT: 8.998 min Scan# 1005
Delta R.T. -0.006 min
Lab File: BM036213.D
Acq: 11 Aug 2022 17:31

Tgt Ion: 82		Resp: 1653101	
Ion	Ratio	Lower	Upper
82	100		
128	46.3	33.7	50.5
54	48.4	43.2	64.8

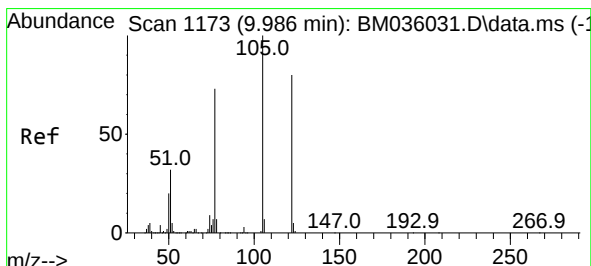
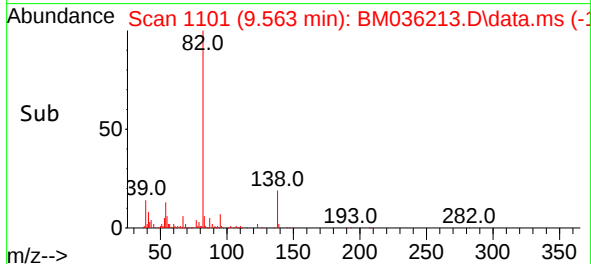
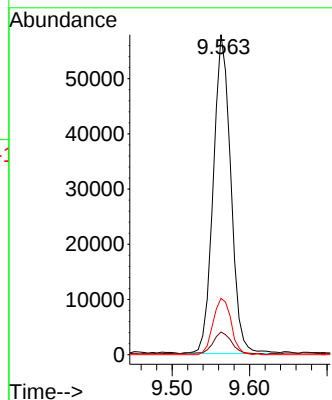
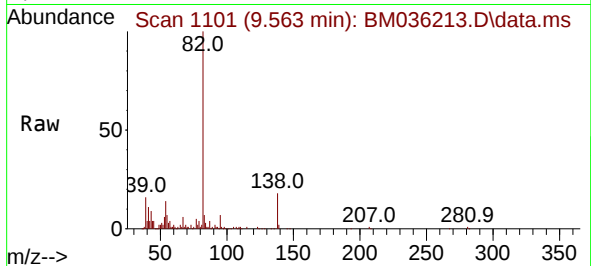




#25
Isophorone
Concen: 3.200 ng
RT: 9.563 min Scan# 1109
Delta R.T. -0.012 min
Lab File: BM036213.D
Acq: 11 Aug 2022 17:31

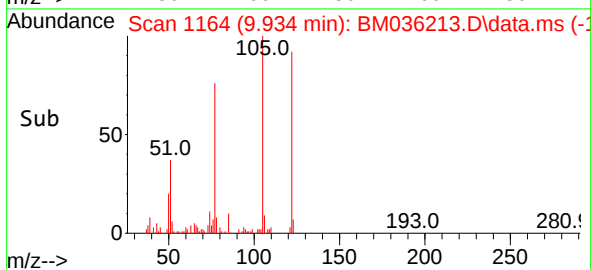
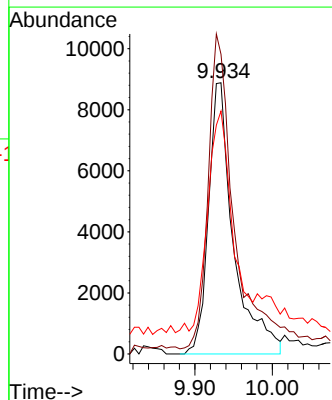
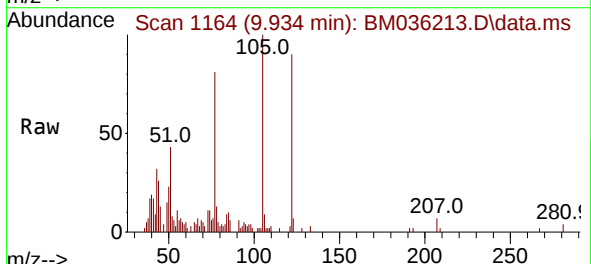
Instrument :
BNA_M
ClientSampleId :
SPN-7

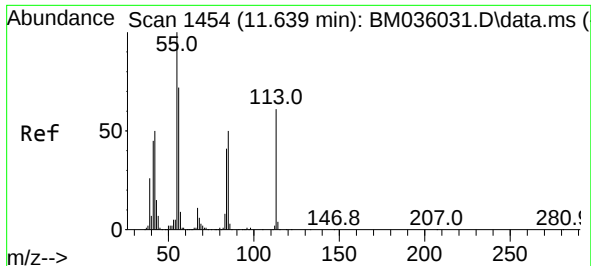
Tgt Ion: 82 Resp: 90950
Ion Ratio Lower Upper
82 100
95 7.1 6.4 9.6
138 17.6 14.2 21.4



#32
Benzoic acid
Concen: 2.104 ng
RT: 9.934 min Scan# 1164
Delta R.T. -0.059 min
Lab File: BM036213.D
Acq: 11 Aug 2022 17:31

Tgt Ion: 122 Resp: 20013
Ion Ratio Lower Upper
122 100
105 110.5 105.7 145.7
77 89.6 80.0 120.0

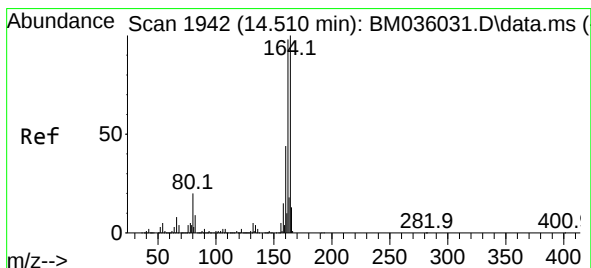
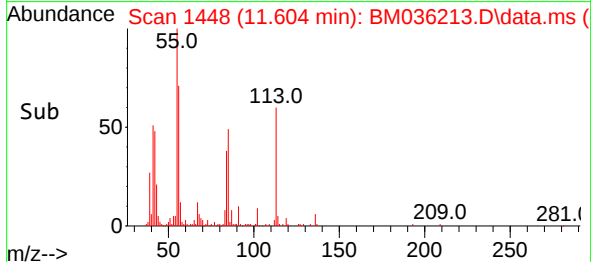
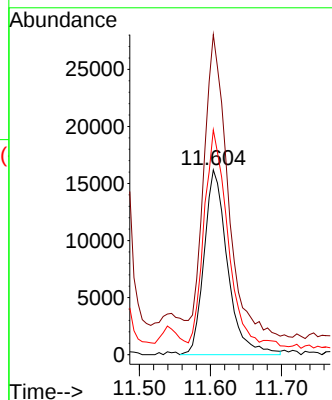
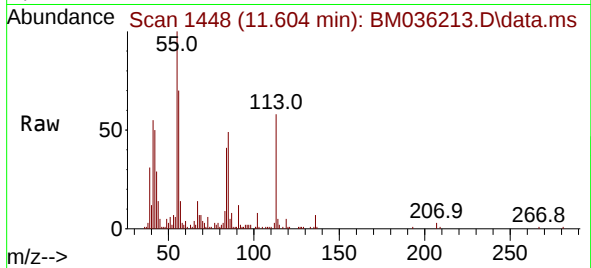




#35
 Caprolactam
 Concen: 8.943 ng
 RT: 11.604 min Scan# 1454
 Delta R.T. -0.006 min
 Lab File: BM036213.D
 Acq: 11 Aug 2022 17:31

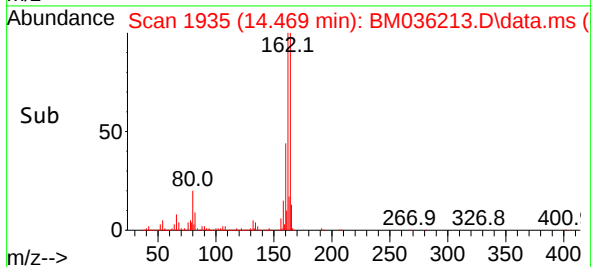
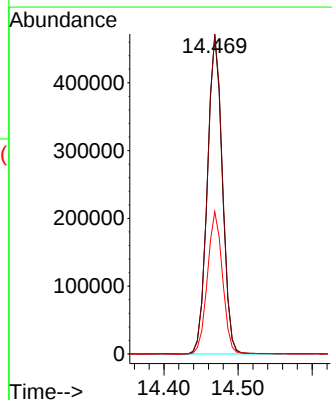
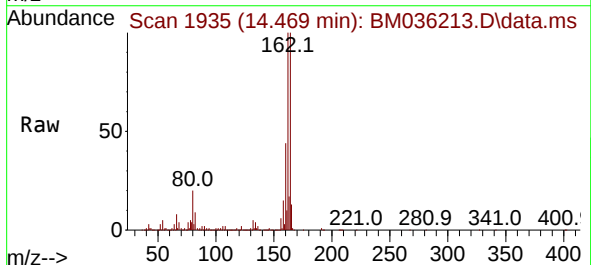
Instrument :
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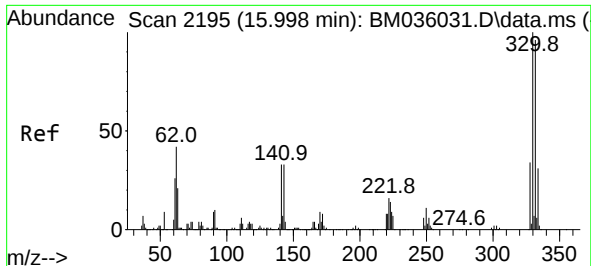
Tgt Ion:113 Resp: 37175
 Ion Ratio Lower Upper
 113 100
 55 173.2 150.1 190.1
 56 121.7 111.7 151.7



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.469 min Scan# 1935
 Delta R.T. -0.006 min
 Lab File: BM036213.D
 Acq: 11 Aug 2022 17:31

Tgt Ion:164 Resp: 661085
 Ion Ratio Lower Upper
 164 100
 162 100.5 83.0 124.6
 160 44.7 37.0 55.4

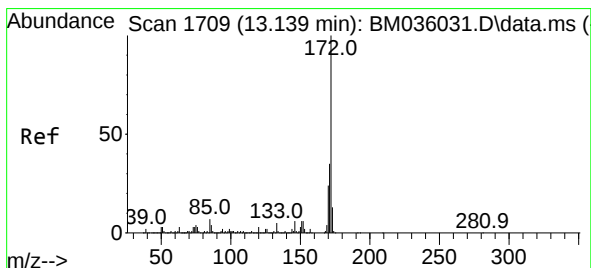
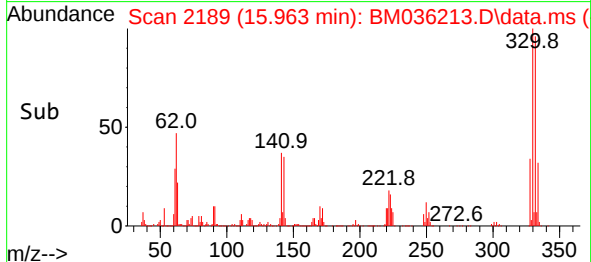
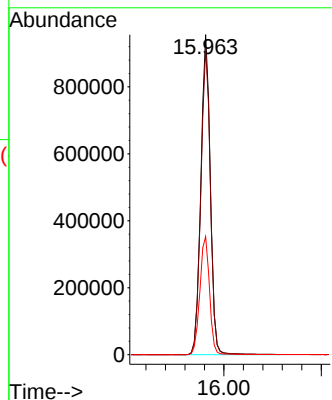
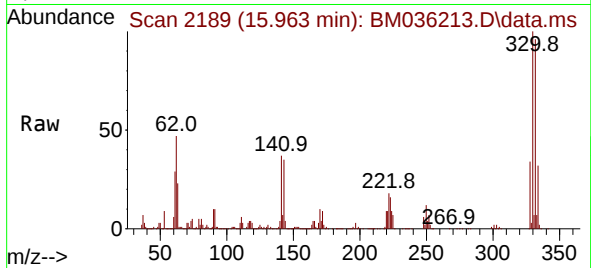




#42
2,4,6-Tribromophenol
Concen: 166.783 ng
RT: 15.963 min Scan# 2195
Delta R.T. -0.006 min
Lab File: BM036213.D
Acq: 11 Aug 2022 17:31

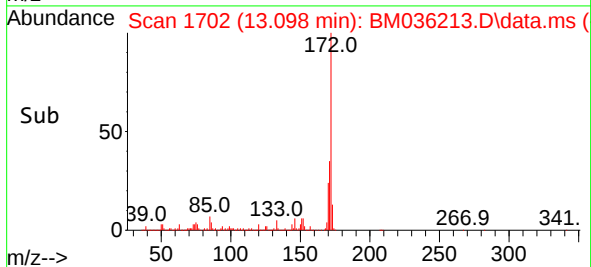
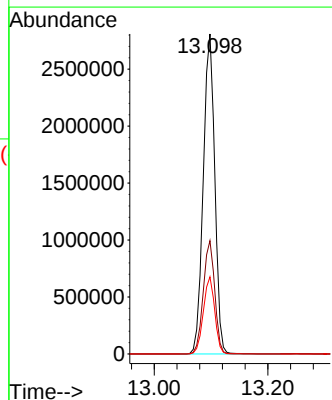
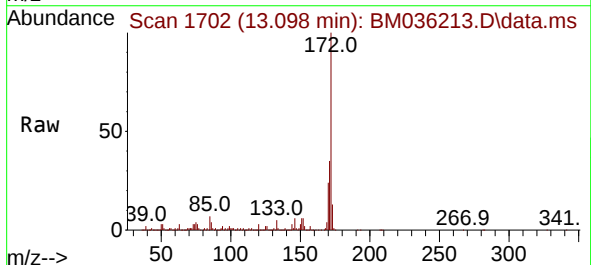
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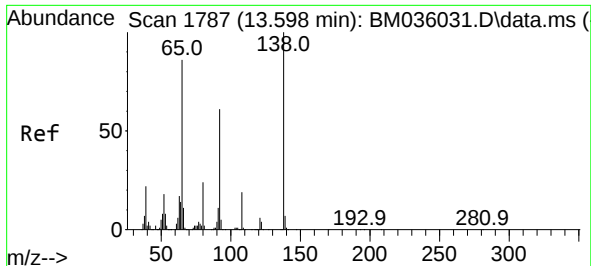
Tgt Ion:330 Resp: 1293469
Ion Ratio Lower Upper
330 100
332 96.5 77.0 115.4
141 37.8 35.3 52.9



#45
2-Fluorobiphenyl
Concen: 88.416 ng
RT: 13.098 min Scan# 1702
Delta R.T. -0.006 min
Lab File: BM036213.D
Acq: 11 Aug 2022 17:31

Tgt Ion:172 Resp: 3958807
Ion Ratio Lower Upper
172 100
171 35.4 28.5 42.7
170 24.1 18.7 28.1

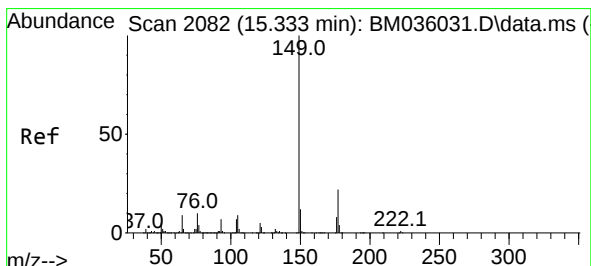
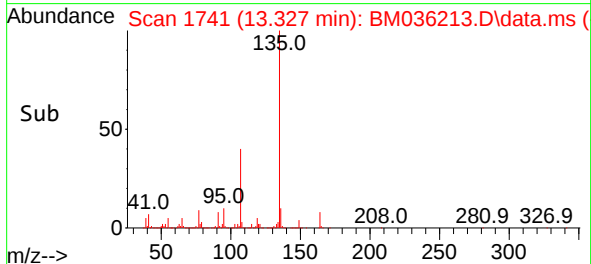
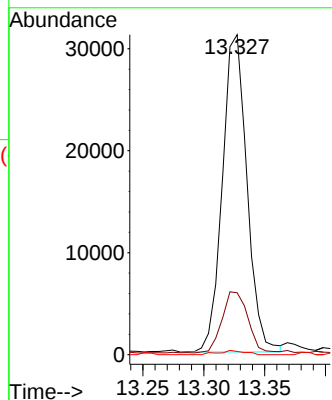
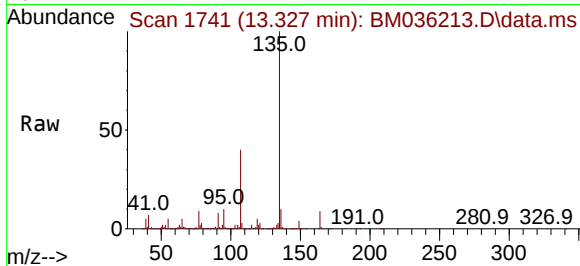




#48
2-Nitroaniline
Concen: 4.357 ng
RT: 13.327 min Scan# 1
Delta R.T. -0.247 min
Lab File: BM036213.D
Acq: 11 Aug 2022 17:31

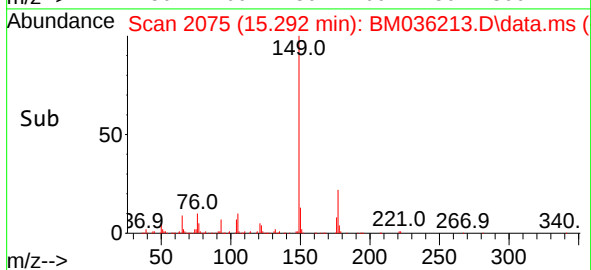
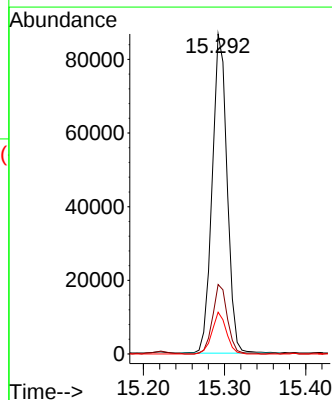
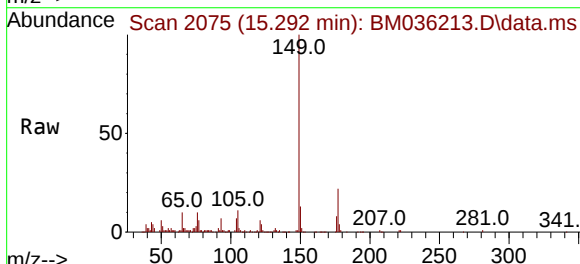
Instrument :
BNA_M
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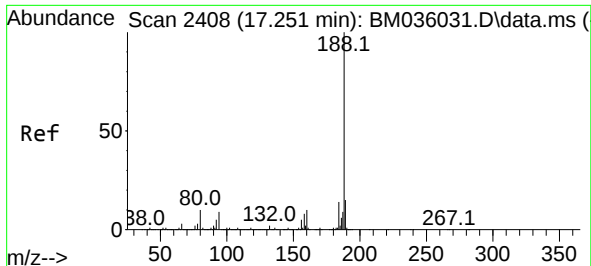
Tgt Ion: 65 Resp: 43784
Ion Ratio Lower Upper
65 100
92 19.3 53.7 80.5#
138 1.0 83.9 125.9#



#60
Diethylphthalate
Concen: 2.389 ng
RT: 15.292 min Scan# 2075
Delta R.T. -0.012 min
Lab File: BM036213.D
Acq: 11 Aug 2022 17:31

Tgt Ion:149 Resp: 110352
Ion Ratio Lower Upper
149 100
177 21.7 16.9 25.3
150 13.0 10.1 15.1

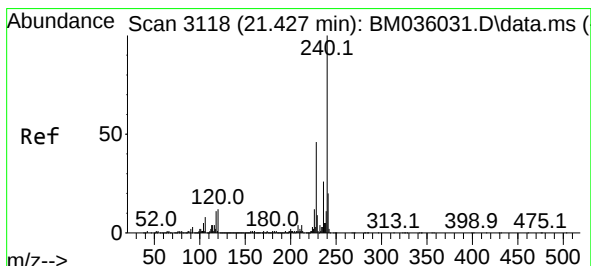
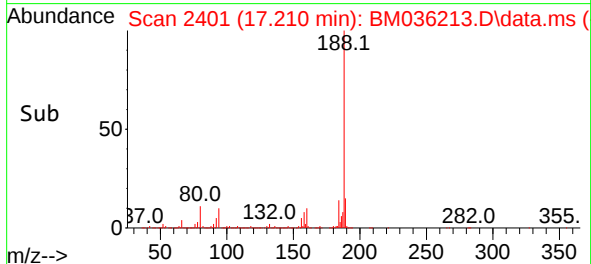
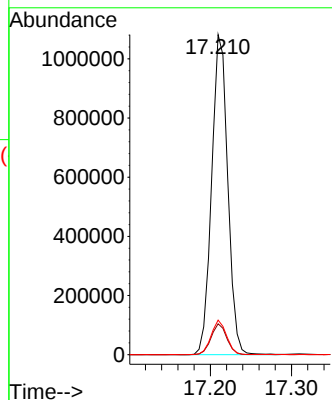
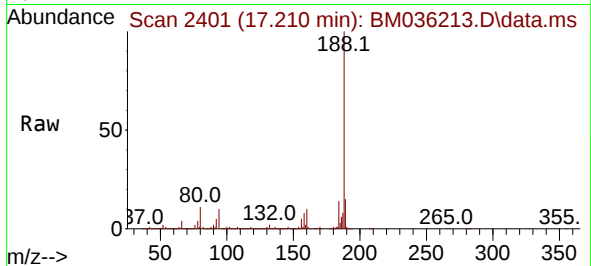




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.210 min Scan# 2401
Delta R.T. -0.006 min
Lab File: BM036213.D
Acq: 11 Aug 2022 17:31

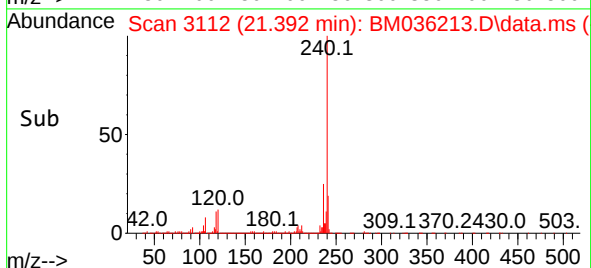
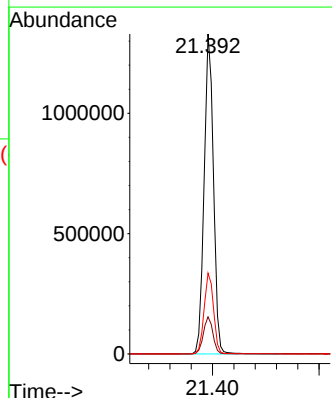
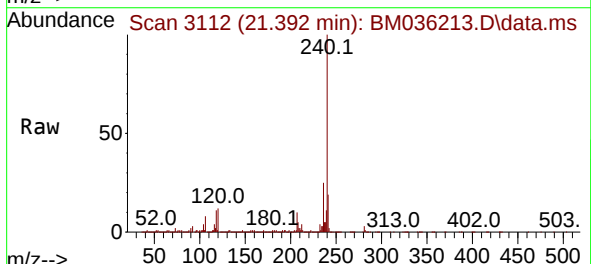
Instrument :
BNA_M
ClientSampleId :
SPN-7

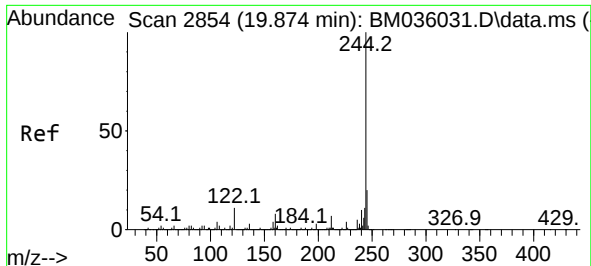
Tgt Ion:188 Resp: 1488707
Ion Ratio Lower Upper
188 100
94 9.6 7.0 10.4
80 10.8 7.6 11.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.392 min Scan# 3112
Delta R.T. -0.006 min
Lab File: BM036213.D
Acq: 11 Aug 2022 17:31

Tgt Ion:240 Resp: 1614164
Ion Ratio Lower Upper
240 100
120 11.6 9.4 14.0
236 25.2 20.6 30.8

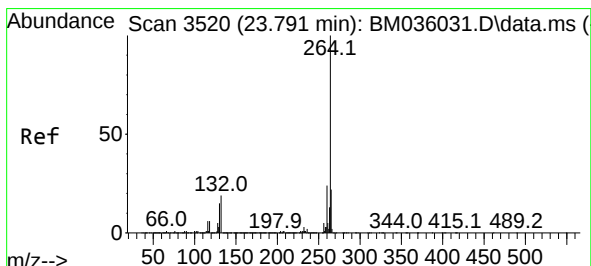
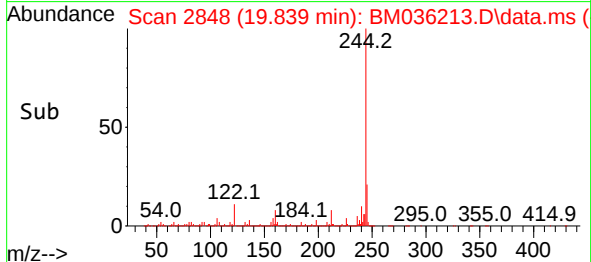
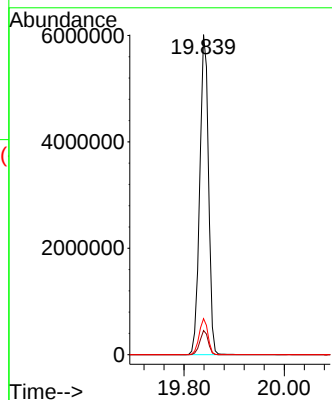
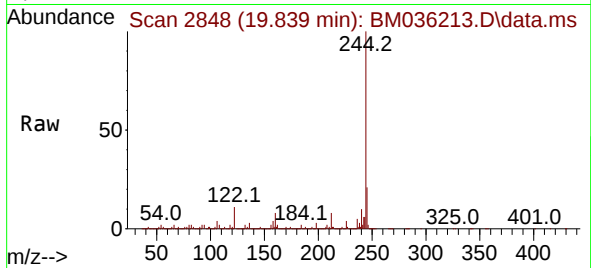




#79
 Terphenyl-d14
 Concen: 88.619 ng
 RT: 19.839 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BM036213.D
 Acq: 11 Aug 2022 17:31

Instrument :
 BNA_M
 ClientSampleId :
 SPN-7

Tgt Ion:244 Resp: 7252212
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.2 9.4
 122 11.3 8.3 12.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.739 min Scan# 3511
 Delta R.T. -0.006 min
 Lab File: BM036213.D
 Acq: 11 Aug 2022 17:31

Tgt Ion:264 Resp: 1626787
 Ion Ratio Lower Upper
 264 100
 260 23.8 18.9 28.3
 265 22.1 17.5 26.3

