

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081022\
 Data File : BM036197.D
 Acq On : 10 Aug 2022 18:09
 Operator : CG/JU
 Sample : N3972-06
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SPN-15

Quant Time: Aug 10 22:27:02 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)

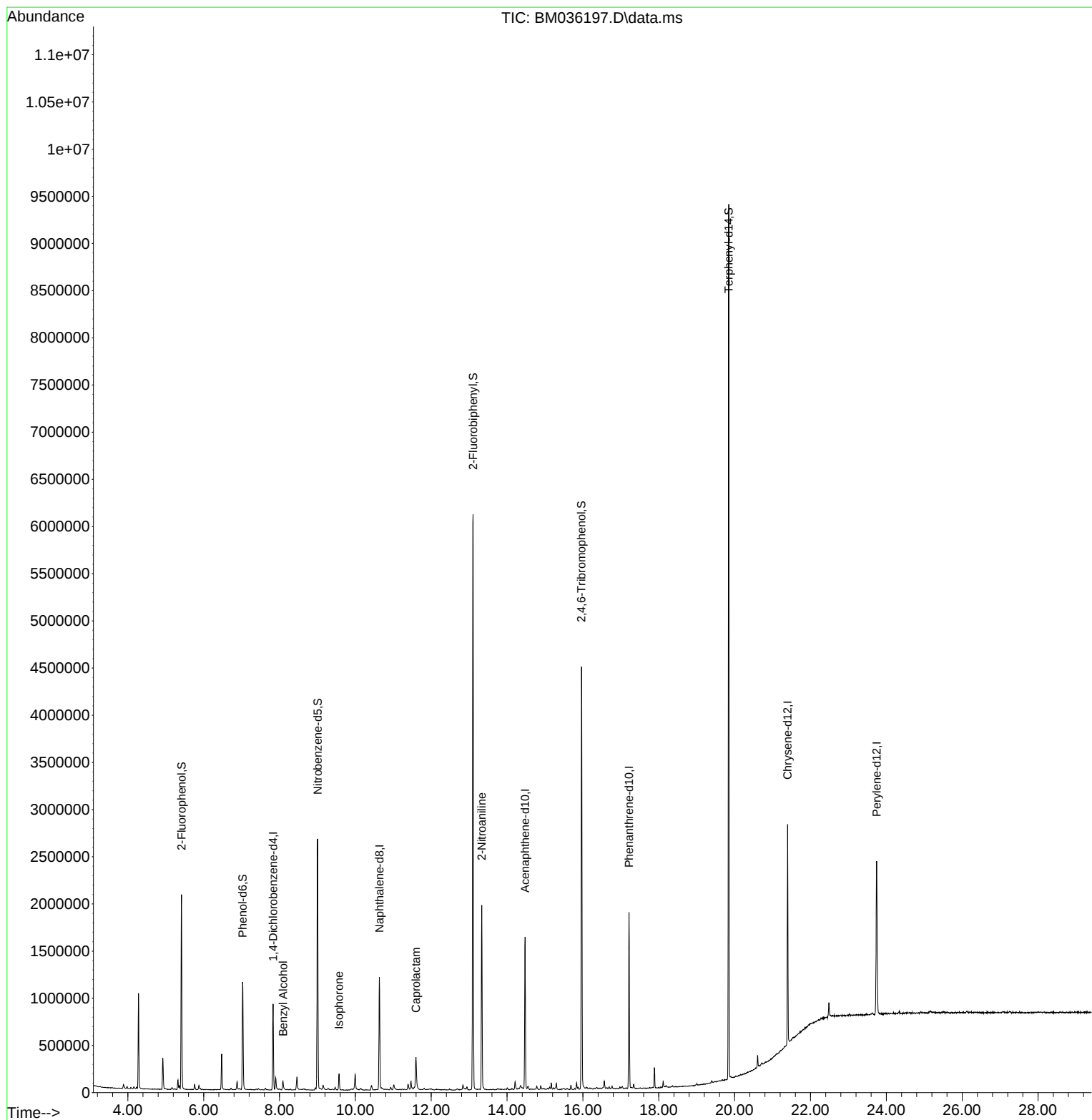
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.834	152	249117	20.000	ng	0.00
21) Naphthalene-d8	10.634	136	995119	20.000	ng	0.00
39) Acenaphthene-d10	14.475	164	548676	20.000	ng	0.00
64) Phenanthrene-d10	17.216	188	1067918	20.000	ng	0.00
76) Chrysene-d12	21.398	240	1050585	20.000	ng	0.00
86) Perylene-d12	23.744	264	1133961	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	900889	58.630	ng	0.00
7) Phenol-d6	7.028	99	666248	34.076	ng	0.00
23) Nitrobenzene-d5	9.004	82	1489489	83.786	ng	0.00
42) 2,4,6-Tribromophenol	15.963	330	791621	122.986	ng	0.00
45) 2-Fluorobiphenyl	13.104	172	3084254	82.997	ng	0.00
79) Terphenyl-d14	19.845	244	4257982	79.942	ng	0.00
Target Compounds						
						Qvalue
15) Benzyl Alcohol	8.093	79	37581	2.864	ng	95
25) Isophorone	9.569	82	112019	3.873	ng	97
35) Caprolactam	11.598	113	73545	17.388	ng	96
48) 2-Nitroaniline	13.333	65	48298	5.791	ng	# 15

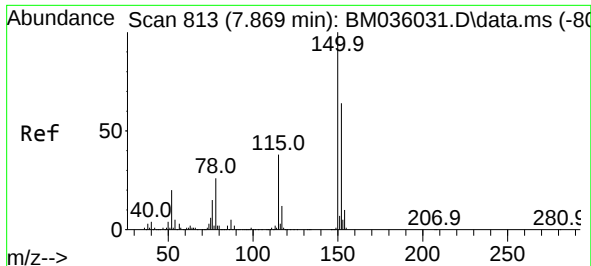
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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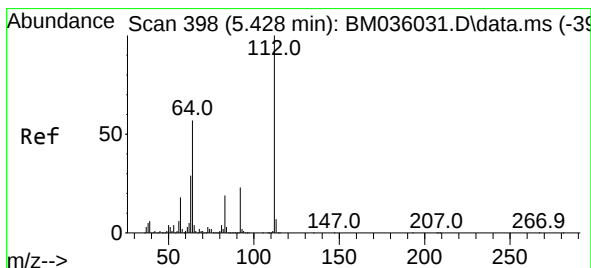
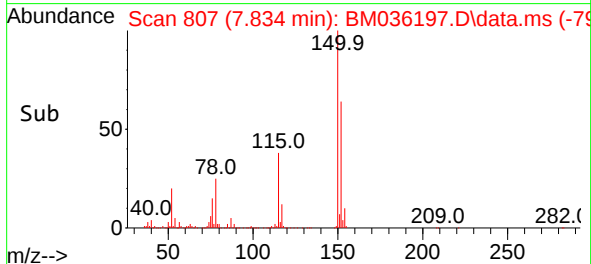
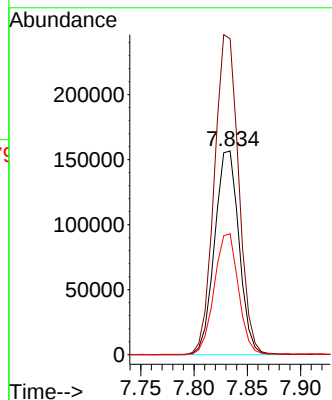
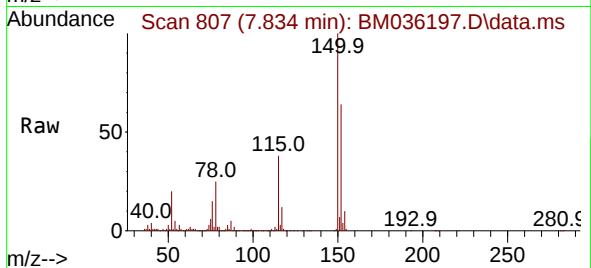




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.834 min Scan# 80
Delta R.T. -0.000 min
Lab File: BM036197.D
Acq: 10 Aug 2022 18:09

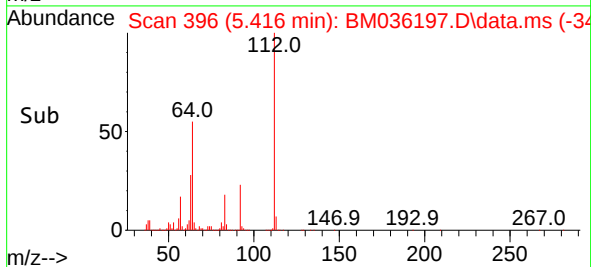
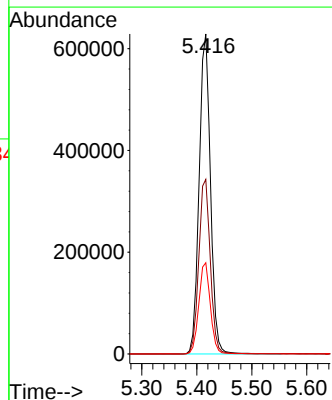
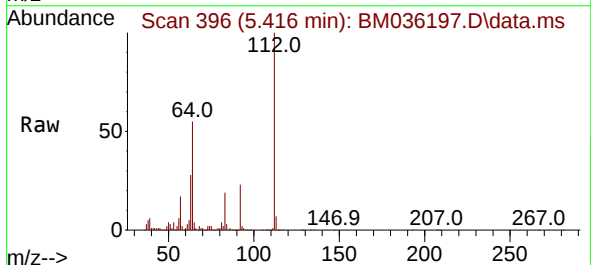
Instrument :
BNA_M
ClientSampleId :
SPN-15

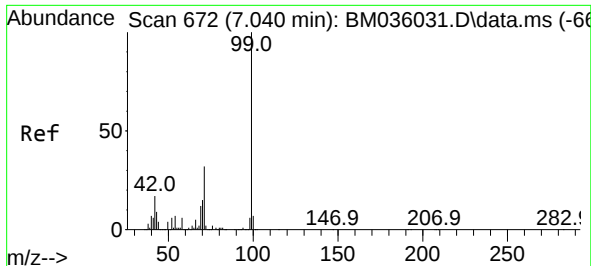
Tgt Ion:152 Resp: 249117
Ion Ratio Lower Upper
152 100
150 155.1 124.9 187.3
115 59.4 47.9 71.9



#5
2-Fluorophenol
Concen: 58.630 ng
RT: 5.416 min Scan# 396
Delta R.T. 0.000 min
Lab File: BM036197.D
Acq: 10 Aug 2022 18:09

Tgt Ion:112 Resp: 900889
Ion Ratio Lower Upper
112 100
64 54.6 47.8 71.6
63 28.5 26.6 40.0

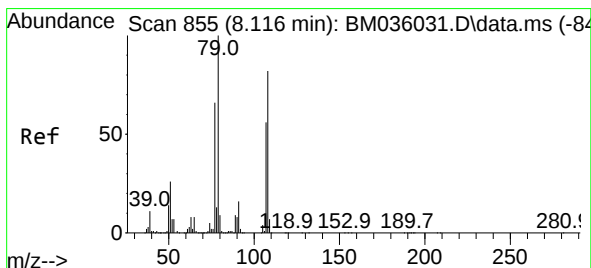
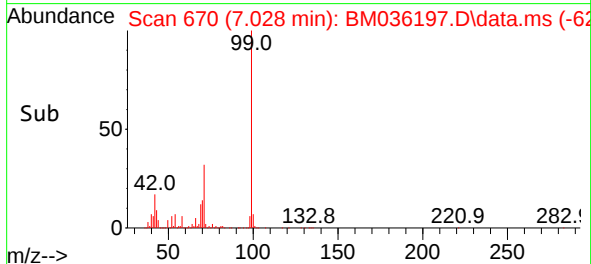
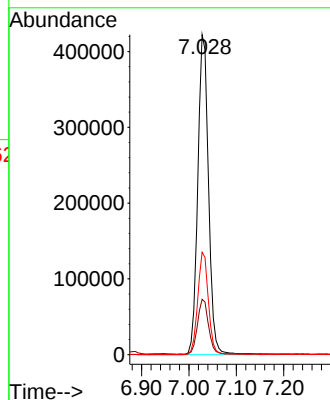
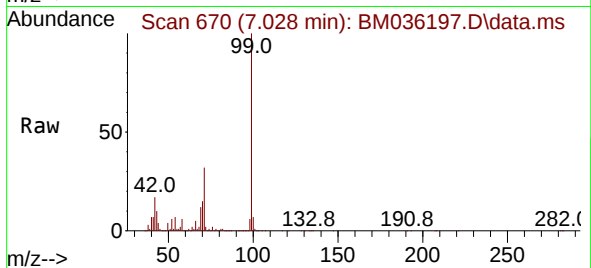




#7
Phenol-d6
Concen: 34.076 ng
RT: 7.028 min Scan# 61
Delta R.T. -0.006 min
Lab File: BM036197.D
Acq: 10 Aug 2022 18:09

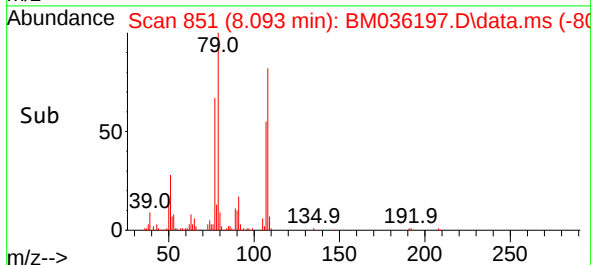
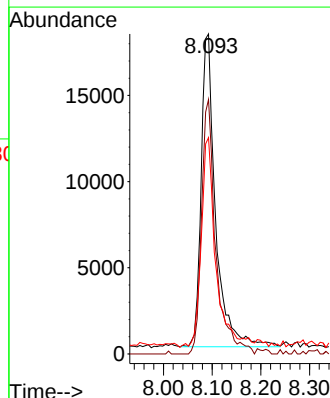
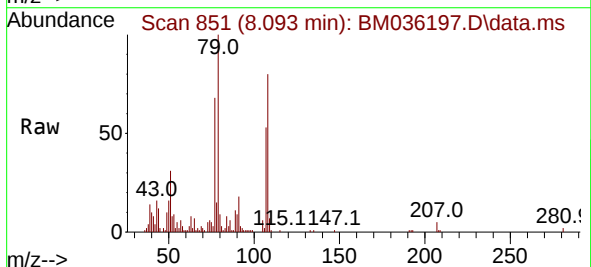
Instrument :
BNA_M
ClientSampleId :
SPN-15

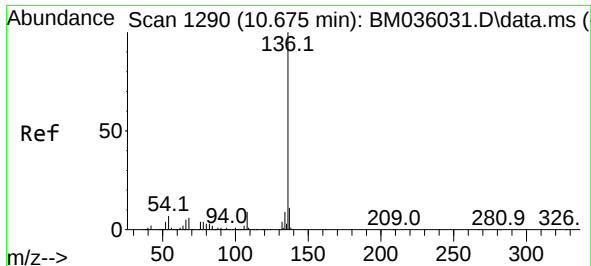
Tgt Ion: 99 Resp: 666248
Ion Ratio Lower Upper
99 100
42 17.3 18.8 28.2#
71 32.0 30.2 45.2



#15
Benzyl Alcohol
Concen: 2.864 ng
RT: 8.093 min Scan# 851
Delta R.T. 0.000 min
Lab File: BM036197.D
Acq: 10 Aug 2022 18:09

Tgt Ion: 79 Resp: 37581
Ion Ratio Lower Upper
79 100
108 79.5 59.0 88.4
77 67.6 52.2 78.4

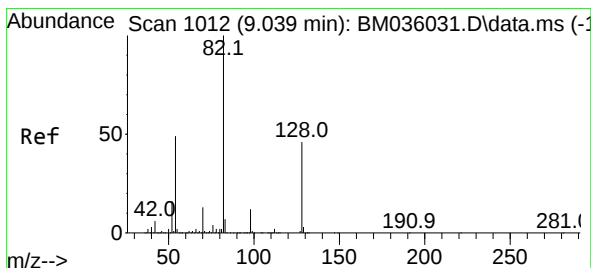
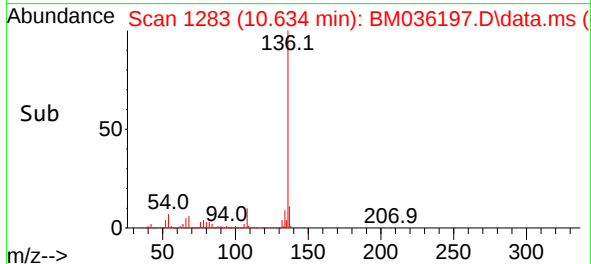
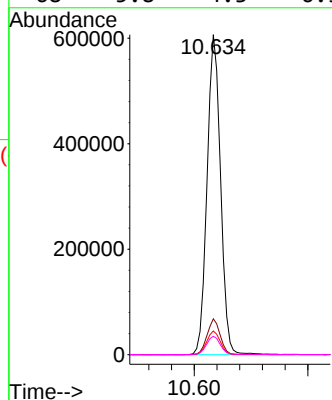
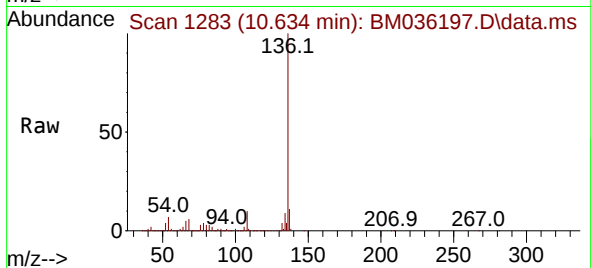




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.634 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM036197.D
Acq: 10 Aug 2022 18:09

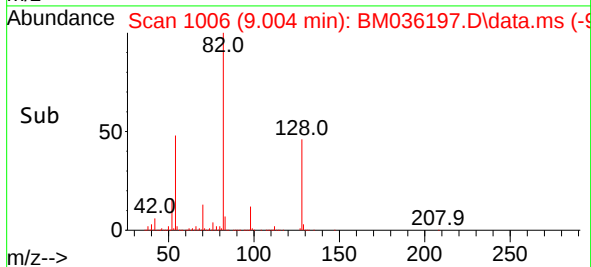
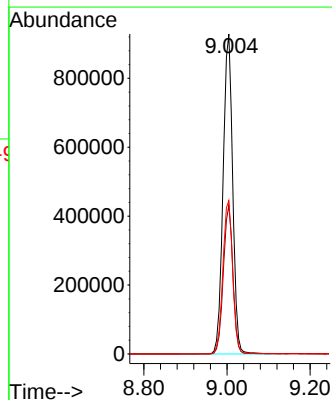
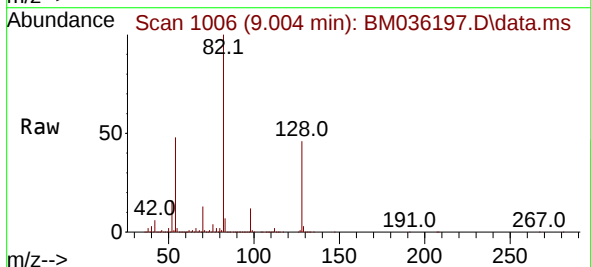
Instrument :
BNA_M
ClientSampleId :
SPN-15

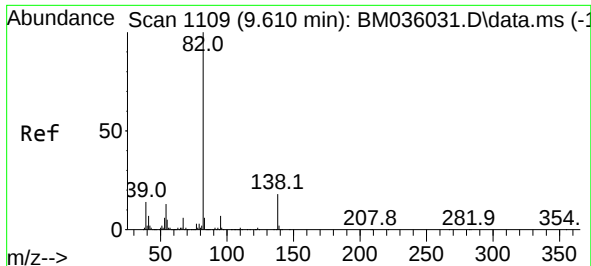
Tgt Ion:	136	Resp:	995119
Ion Ratio	Lower	Upper	
136	100		
137	11.2	8.9	13.3
54	7.4	7.0	10.4
68	5.8	4.3	6.5



#23
Nitrobenzene-d5
Concen: 83.786 ng
RT: 9.004 min Scan# 1006
Delta R.T. 0.000 min
Lab File: BM036197.D
Acq: 10 Aug 2022 18:09

Tgt Ion:	82	Resp:	1489489
Ion Ratio	Lower	Upper	
82	100		
128	46.5	33.7	50.5
54	47.9	43.2	64.8

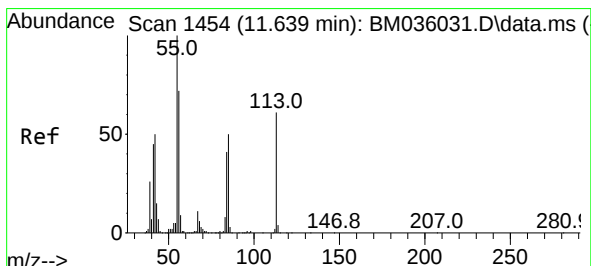
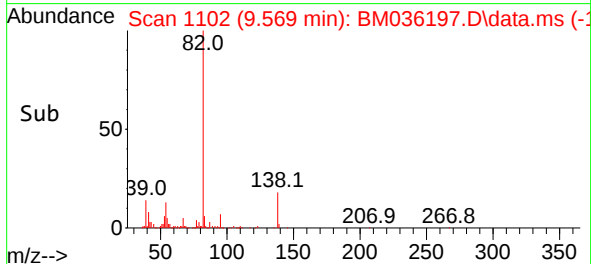
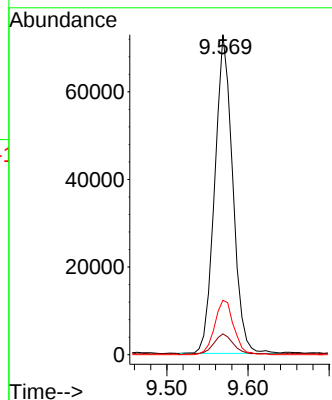
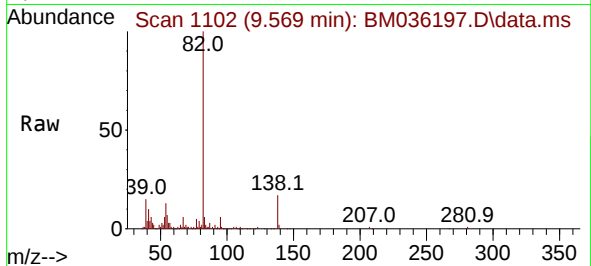




#25
Isophorone
Concen: 3.873 ng
RT: 9.569 min Scan# 1109
Delta R.T. -0.006 min
Lab File: BM036197.D
Acq: 10 Aug 2022 18:09

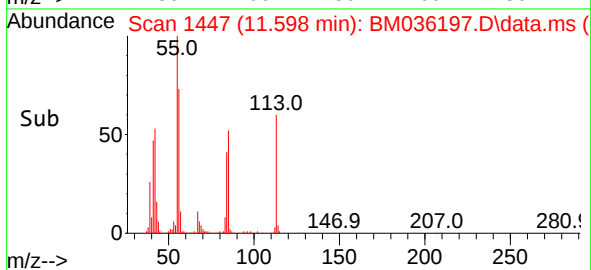
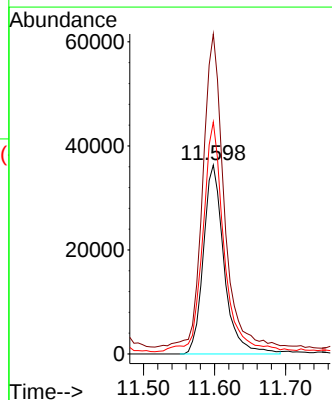
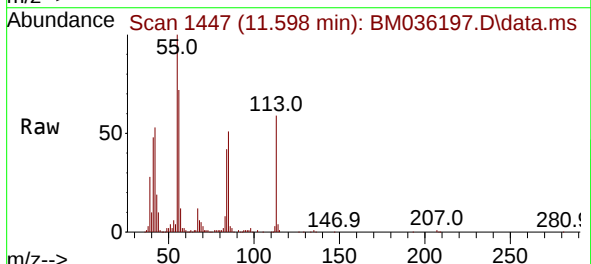
Instrument :
BNA_M
ClientSampleId :
SPN-15

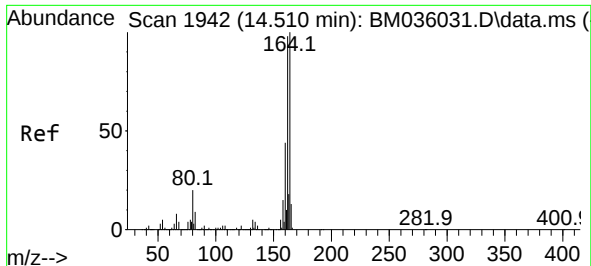
Tgt Ion: 82 Resp: 112019
Ion Ratio Lower Upper
82 100
95 6.5 6.4 9.6
138 17.0 14.2 21.4



#35
Caprolactam
Concen: 17.388 ng
RT: 11.598 min Scan# 1447
Delta R.T. -0.012 min
Lab File: BM036197.D
Acq: 10 Aug 2022 18:09

Tgt Ion: 113 Resp: 73545
Ion Ratio Lower Upper
113 100
55 169.3 150.1 190.1
56 122.7 111.7 151.7

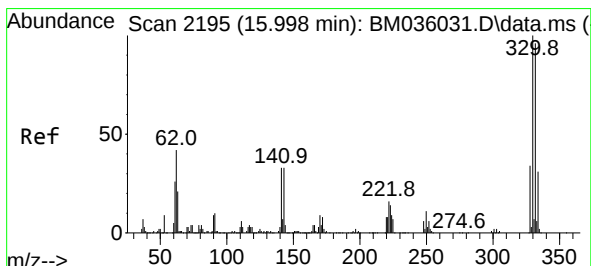
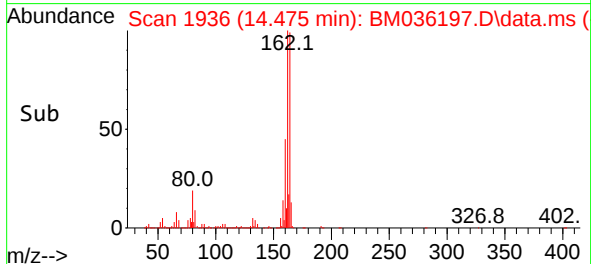
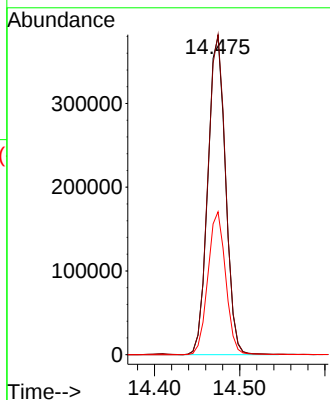
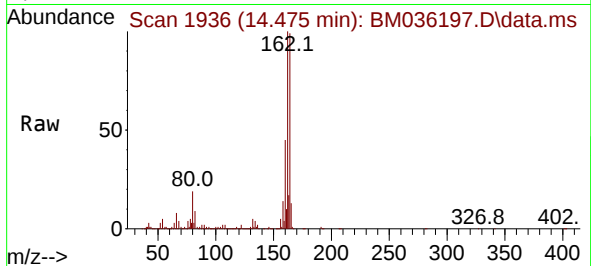




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.475 min Scan# 1942
Delta R.T. 0.000 min
Lab File: BM036197.D
Acq: 10 Aug 2022 18:09

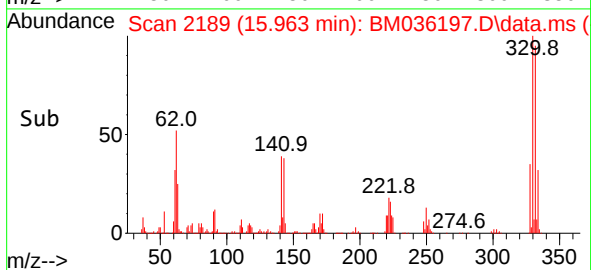
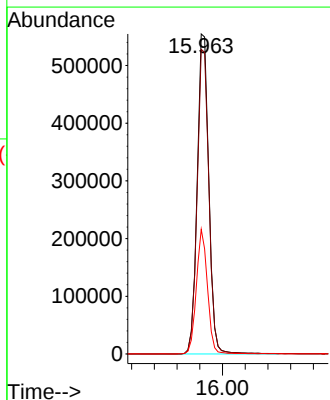
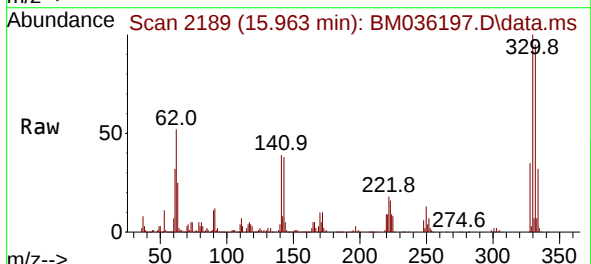
Instrument :
BNA_M
ClientSampleId :
SPN-15

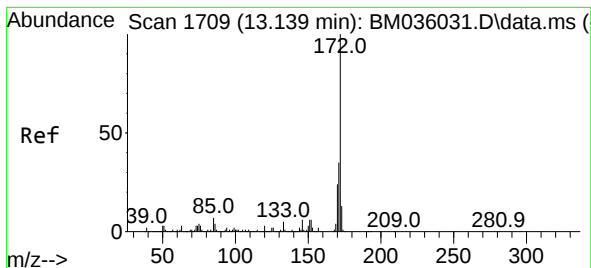
Tgt Ion:164 Resp: 548676
Ion Ratio Lower Upper
164 100
162 100.6 83.0 124.6
160 44.9 37.0 55.4



#42
2,4,6-Tribromophenol
Concen: 122.986 ng
RT: 15.963 min Scan# 2189
Delta R.T. -0.006 min
Lab File: BM036197.D
Acq: 10 Aug 2022 18:09

Tgt Ion:330 Resp: 791621
Ion Ratio Lower Upper
330 100
332 96.1 77.0 115.4
141 37.2 35.3 52.9





#45

2-Fluorobiphenyl

Concen: 82.997 ng

RT: 13.104 min Scan# 1

Delta R.T. 0.000 min

Lab File: BM036197.D

Acq: 10 Aug 2022 18:09

Instrument :

BNA_M

ClientSampleId :

SPN-15

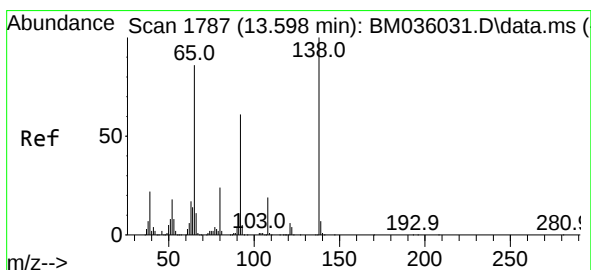
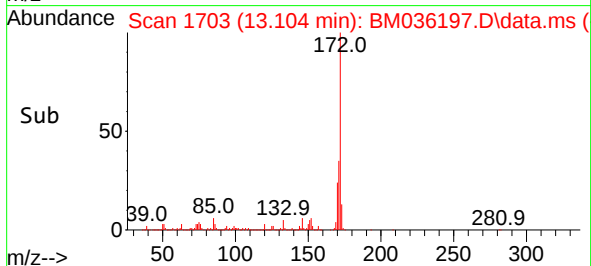
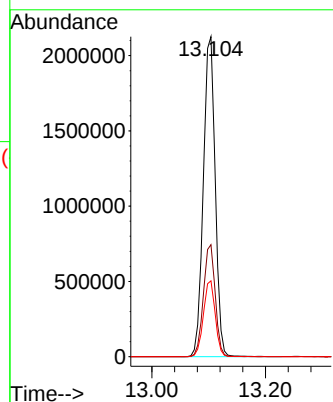
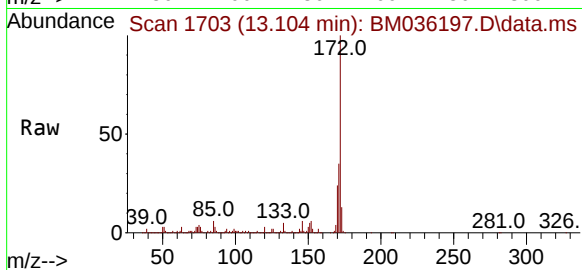
Tgt Ion:172 Resp: 3084254

Ion Ratio Lower Upper

172 100

171 35.0 28.5 42.7

170 23.7 18.7 28.1



#48

2-Nitroaniline

Concen: 5.791 ng

RT: 13.333 min Scan# 1742

Delta R.T. -0.241 min

Lab File: BM036197.D

Acq: 10 Aug 2022 18:09

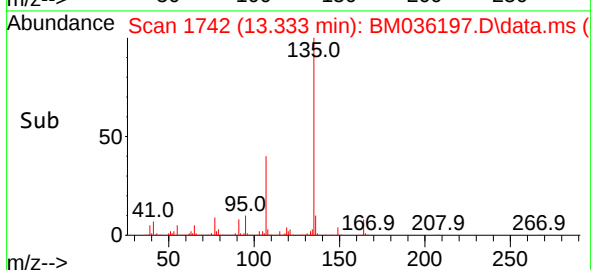
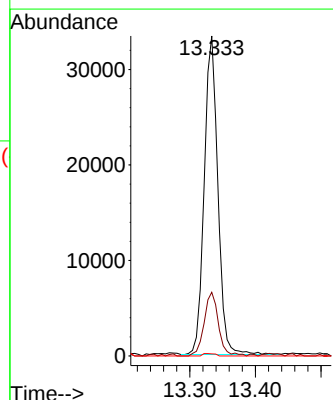
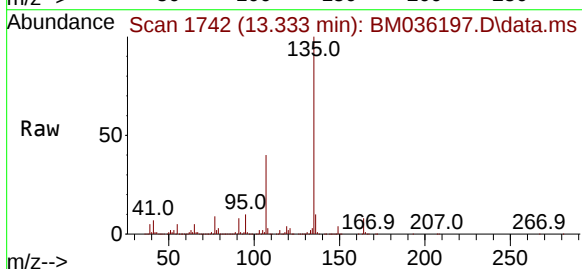
Tgt Ion: 65 Resp: 48298

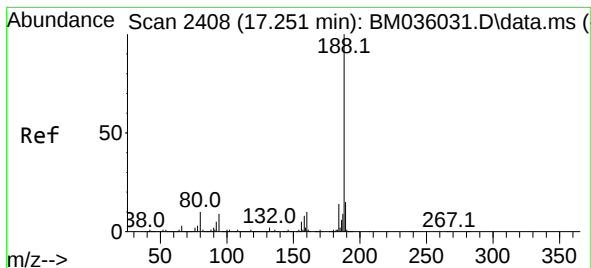
Ion Ratio Lower Upper

65 100

92 19.9 53.7 80.5#

138 0.7 83.9 125.9#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.216 min Scan# 2408

Delta R.T. 0.000 min

Lab File: BM036197.D

Acq: 10 Aug 2022 18:09

Instrument :

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ClientSampleId :

SPN-15

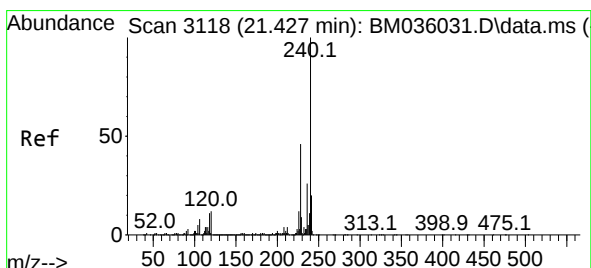
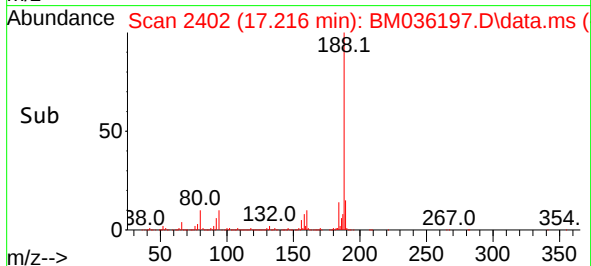
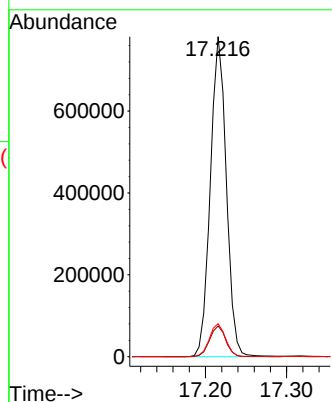
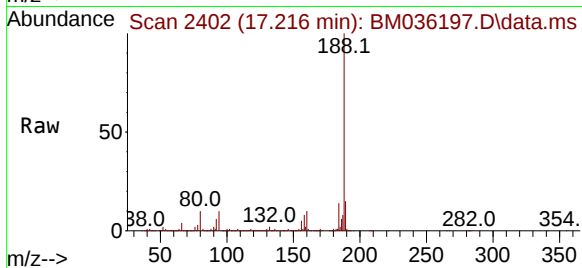
Tgt Ion:188 Resp: 1067918

Ion Ratio Lower Upper

188 100

94 9.6 7.0 10.4

80 10.3 7.6 11.4



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.398 min Scan# 3113

Delta R.T. 0.000 min

Lab File: BM036197.D

Acq: 10 Aug 2022 18:09

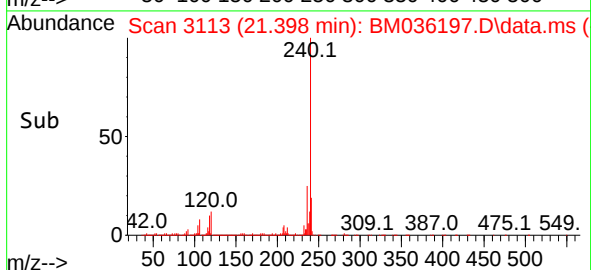
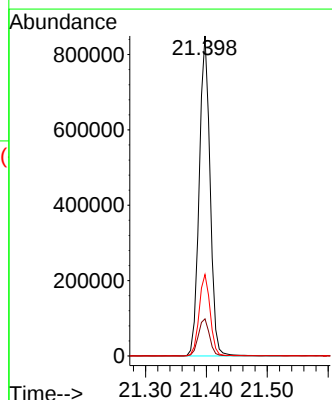
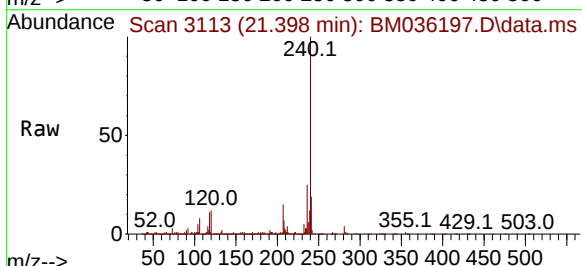
Tgt Ion:240 Resp: 1050585

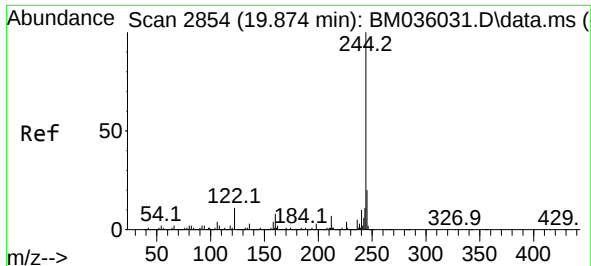
Ion Ratio Lower Upper

240 100

120 11.6 9.4 14.0

236 25.4 20.6 30.8

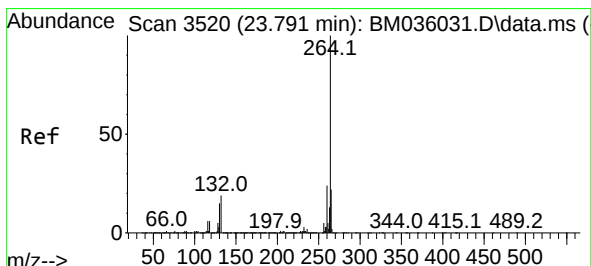
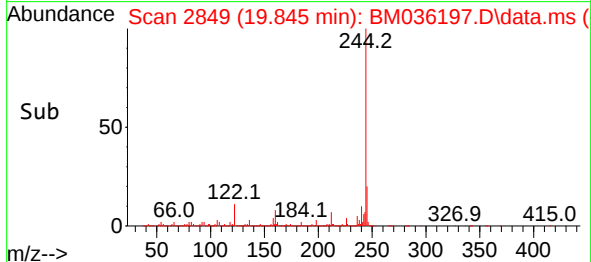
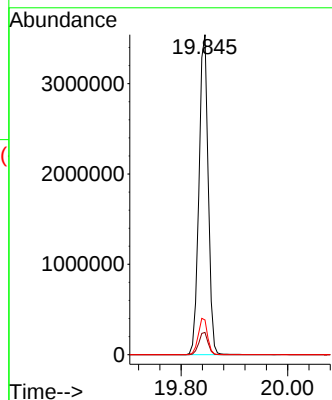
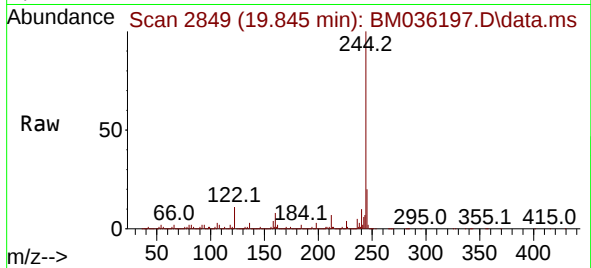




#79
 Terphenyl-d14
 Concen: 79.942 ng
 RT: 19.845 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BM036197.D
 Acq: 10 Aug 2022 18:09

Instrument :
 BNA_M
 ClientSampleId :
 SPN-15

Tgt Ion:244 Resp: 4257982
 Ion Ratio Lower Upper
 244 100
 212 7.0 6.2 9.4
 122 10.9 8.3 12.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.744 min Scan# 3512
 Delta R.T. 0.000 min
 Lab File: BM036197.D
 Acq: 10 Aug 2022 18:09

Tgt Ion:264 Resp: 1133961
 Ion Ratio Lower Upper
 264 100
 260 23.6 18.9 28.3
 265 22.2 17.5 26.3

