

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060822\
 Data File : BM035432.D
 Acq On : 08 Jun 2022 16:32
 Operator : CG/JU
 Sample : N3189-06
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 20220428-SPLP-AMENDED-COMPOSITE-H

Quant Time: Jun 09 00:50:44 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 07 14:28:07 2022
 Response via : Initial Calibration

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

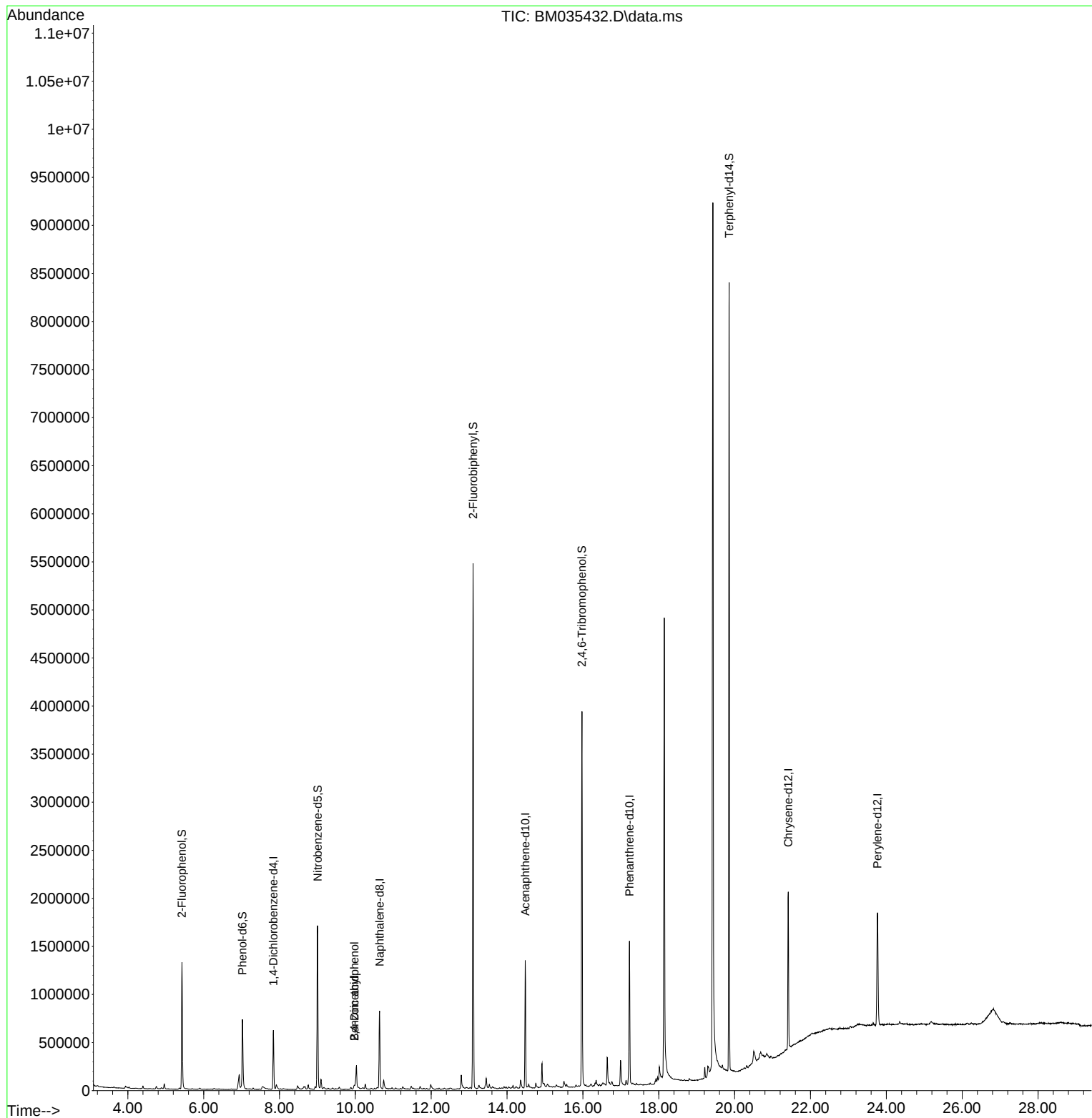
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.839	152	194888	20.000	ng	0.00
21) Naphthalene-d8	10.639	136	732442	20.000	ng	# 0.00
39) Acenaphthene-d10	14.480	164	480389	20.000	ng	0.00
64) Phenanthrene-d10	17.227	188	953525	20.000	ng	0.00
76) Chrysene-d12	21.415	240	895859	20.000	ng	# 0.00
86) Perylene-d12	23.768	264	989939	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	646174	69.672	ng	0.00
7) Phenol-d6	7.022	99	489876	38.668	ng	0.00
23) Nitrobenzene-d5	9.004	82	999250	86.626	ng	0.00
42) 2,4,6-Tribromophenol	15.974	330	933424	121.103	ng	0.00
45) 2-Fluorobiphenyl	13.104	172	3005423	89.856	ng	0.00
79) Terphenyl-d14	19.856	244	4416396	98.215	ng	0.00
Target Compounds						
9) Benzaldehyde	6.992	77	9677	Below Cal		Qvalue 98
27) 2,4-Dimethylphenol	9.975	122	24866	2.742	ng	# 3
32) Benzoic acid	9.975	122	24866	3.066	ng	92

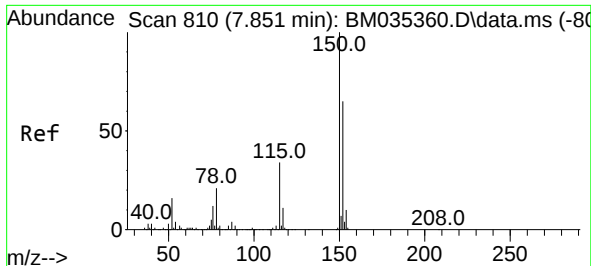
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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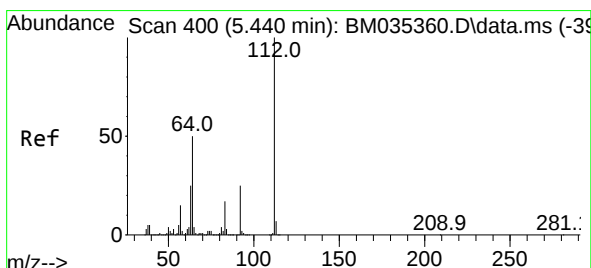
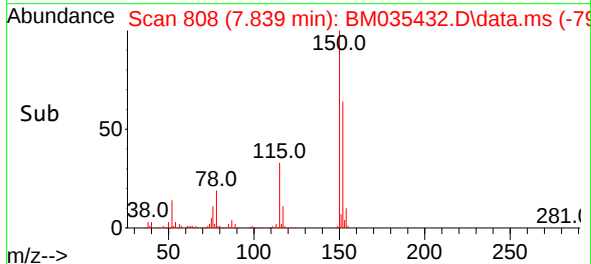
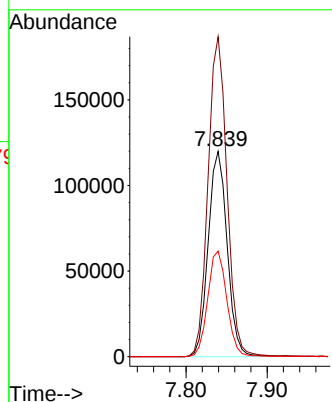
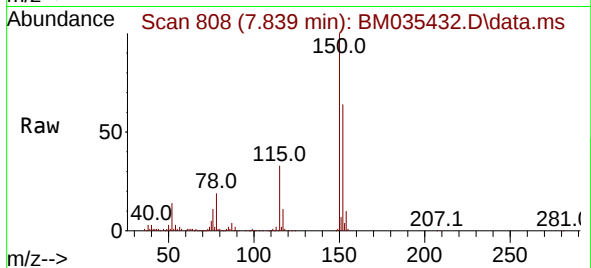




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.839 min Scan# 80
Delta R.T. -0.001 min
Lab File: BM035432.D
Acq: 08 Jun 2022 16:32

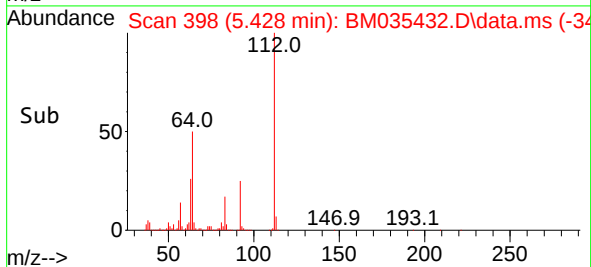
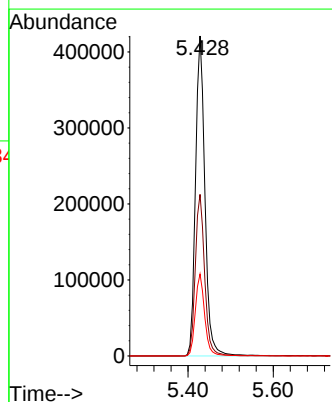
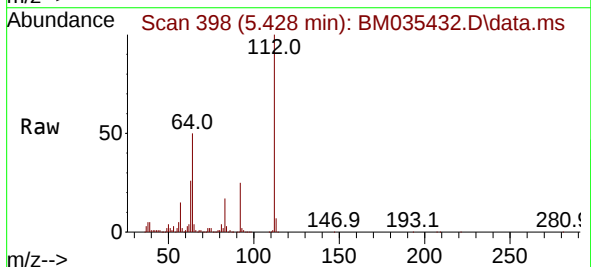
Instrument :
BNA_M
ClientSampleId :
20220428-SPLP-AMENDED-COMPOSITE-H

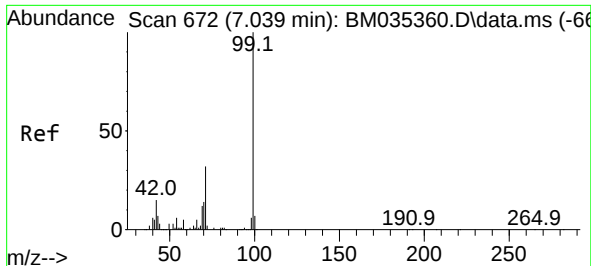
Tgt Ion:152 Resp: 194888
Ion Ratio Lower Upper
152 100
150 155.9 124.9 187.3
115 51.4 47.9 71.9



#5
2-Fluorophenol
Concen: 69.672 ng
RT: 5.428 min Scan# 398
Delta R.T. -0.000 min
Lab File: BM035432.D
Acq: 08 Jun 2022 16:32

Tgt Ion:112 Resp: 646174
Ion Ratio Lower Upper
112 100
64 50.5 47.8 71.6
63 25.6 26.6 40.0#

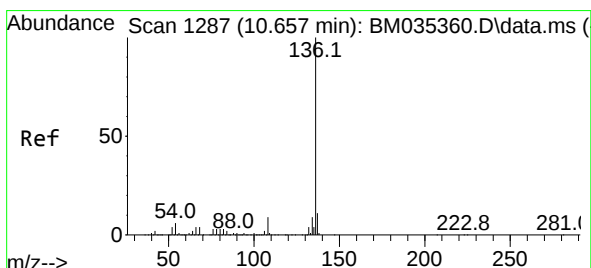
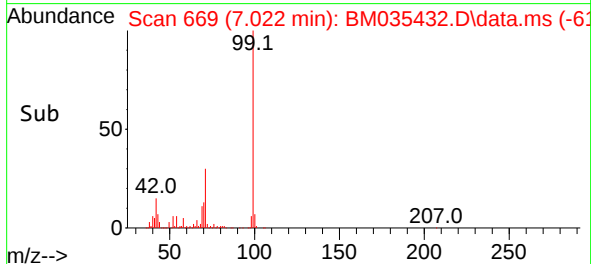
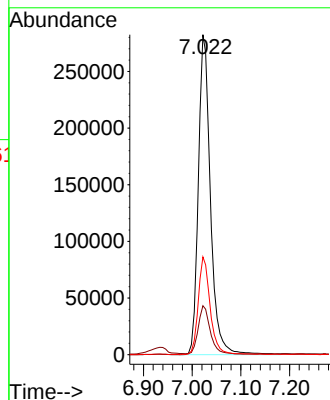
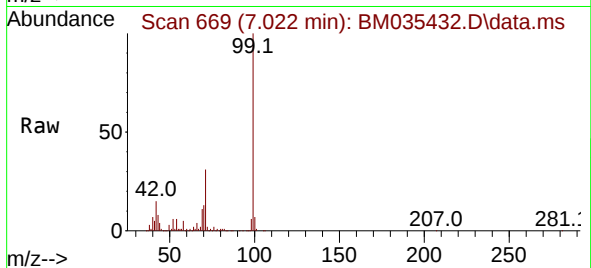




#7
Phenol-d6
Concen: 38.668 ng
RT: 7.022 min Scan# 61
Delta R.T. -0.006 min
Lab File: BM035432.D
Acq: 08 Jun 2022 16:32

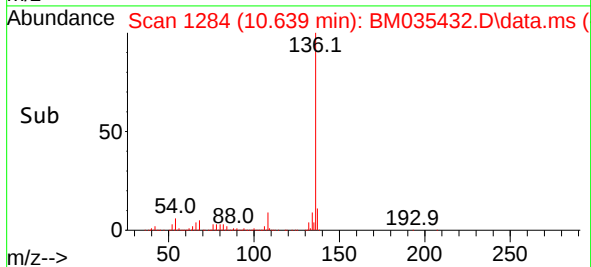
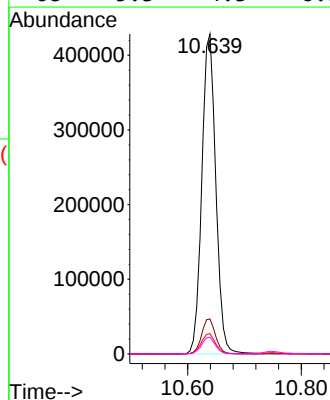
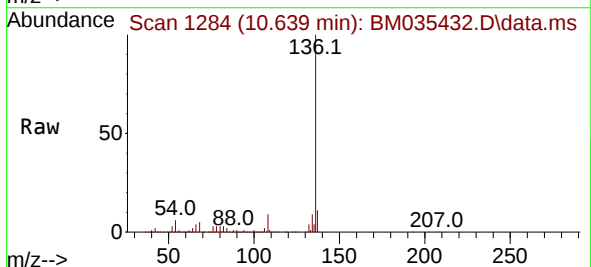
Instrument : BNA_M
ClientSampleId : 20220428-SPLP-AMENDED-COMPOSITE-H

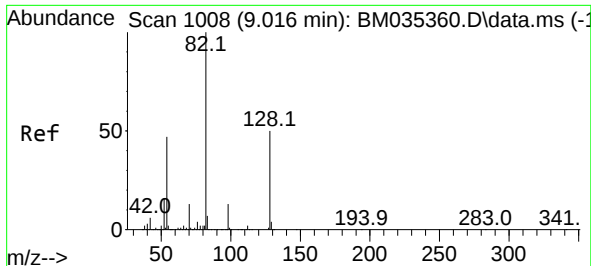
Tgt Ion: 99 Resp: 489876
Ion Ratio Lower Upper
99 100
42 15.3 18.8 28.2#
71 30.5 30.2 45.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.639 min Scan# 1284
Delta R.T. -0.000 min
Lab File: BM035432.D
Acq: 08 Jun 2022 16:32

Tgt Ion: 136 Resp: 732442
Ion Ratio Lower Upper
136 100
137 10.9 8.9 13.3
54 6.4 7.0 10.4#
68 5.3 4.3 6.5

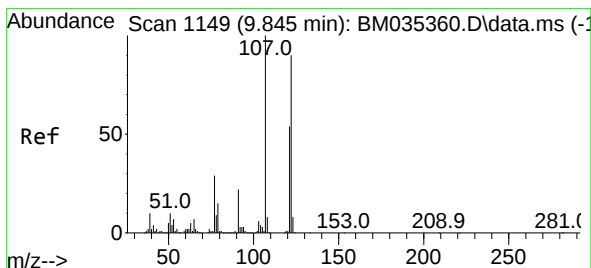
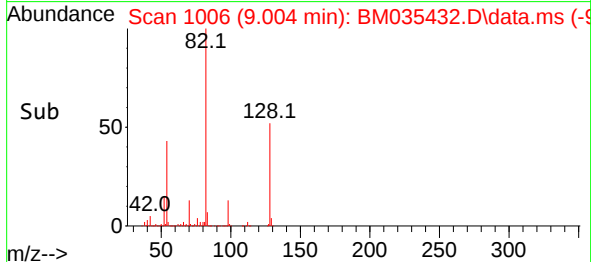
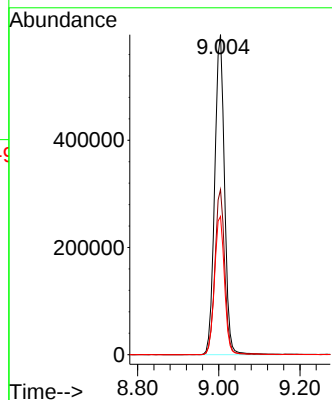
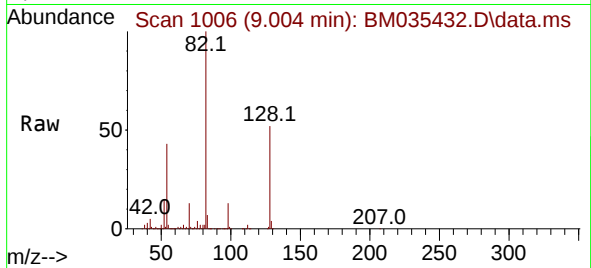




#23
Nitrobenzene-d5
Concen: 86.626 ng
RT: 9.004 min Scan# 1006
Delta R.T. -0.000 min
Lab File: BM035432.D
Acq: 08 Jun 2022 16:32

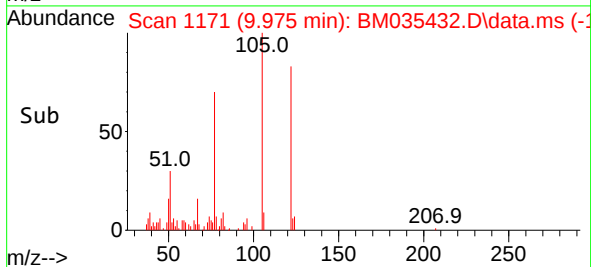
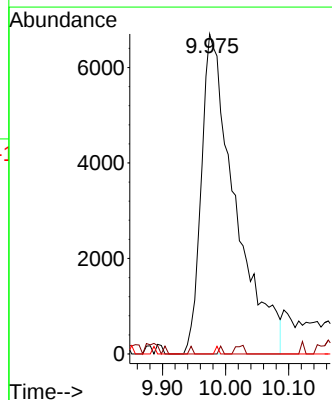
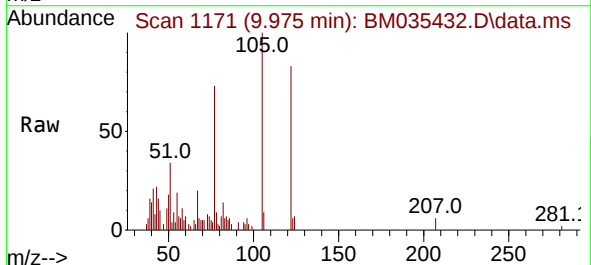
Instrument : BNA_M
ClientSampleId : 20220428-SPLP-AMENDED-COMPOSITE-H

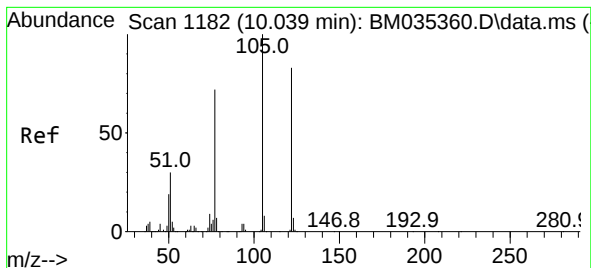
Tgt Ion: 82 Resp: 999250
Ion Ratio Lower Upper
82 100
128 51.6 33.7 50.5#
54 43.2 43.2 64.8



#27
2,4-Dimethylphenol
Concen: 2.742 ng
RT: 9.975 min Scan# 1171
Delta R.T. 0.147 min
Lab File: BM035432.D
Acq: 08 Jun 2022 16:32

Tgt Ion:122 Resp: 24866
Ion Ratio Lower Upper
122 100
107 0.0 92.4 138.6#
121 0.0 47.4 71.0#





#32

Benzoic acid

Concen: 3.066 ng

RT: 9.975 min Scan# 1182

Delta R.T. -0.041 min

Lab File: BM035432.D

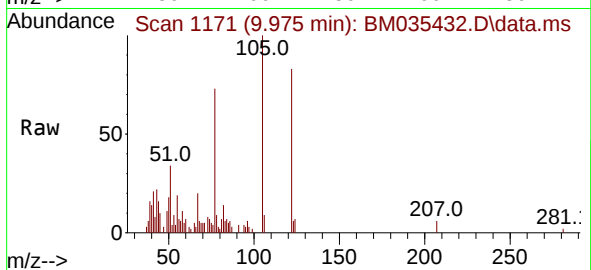
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Instrument :

BNA_M

ClientSampleId :

20220428-SPLP-AMENDED-COMPOSITE-H



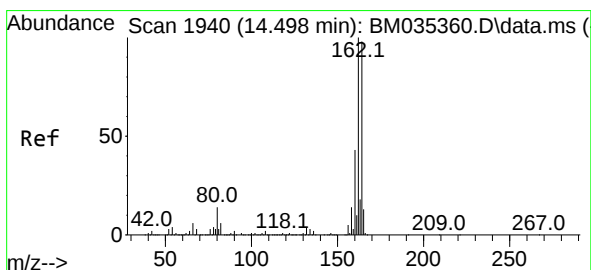
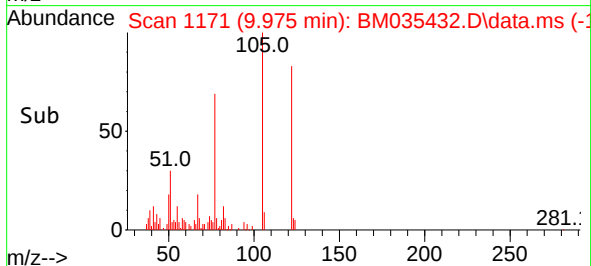
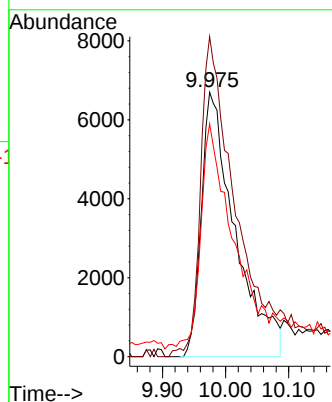
Tgt Ion:122 Resp: 24866

Ion Ratio Lower Upper

122 100

105 121.0 105.7 145.7

77 88.0 80.0 120.0



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.480 min Scan# 1937

Delta R.T. -0.006 min

Lab File: BM035432.D

Acq: 08 Jun 2022 16:32

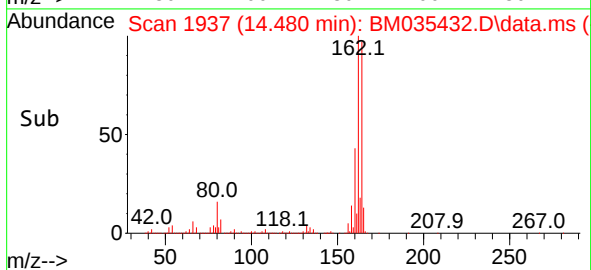
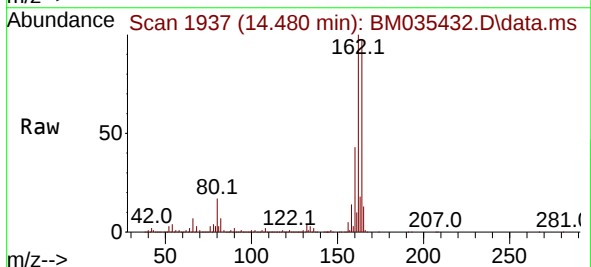
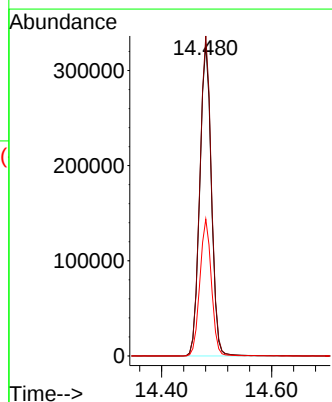
Tgt Ion:164 Resp: 480389

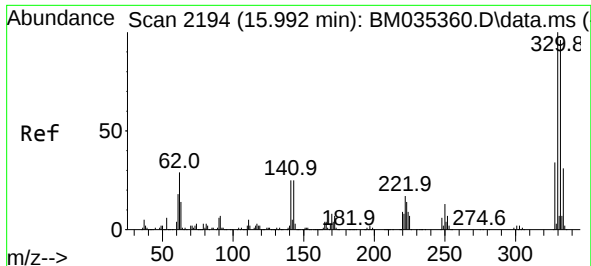
Ion Ratio Lower Upper

164 100

162 102.7 83.0 124.6

160 43.9 37.0 55.4

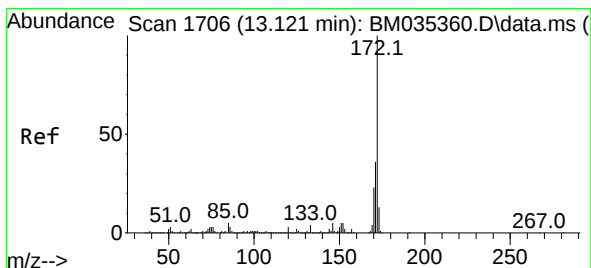
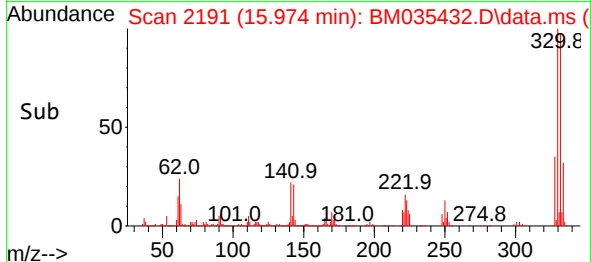
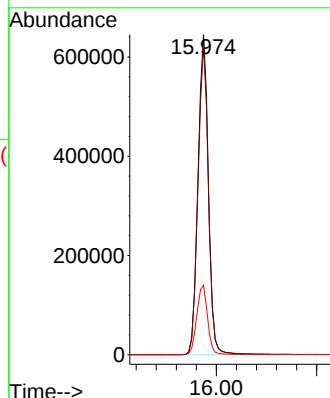
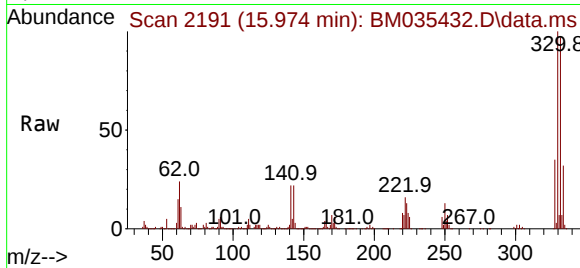




#42
2,4,6-Tribromophenol
Concen: 121.103 ng
RT: 15.974 min Scan# 2194
Delta R.T. -0.006 min
Lab File: BM035432.D
Acq: 08 Jun 2022 16:32

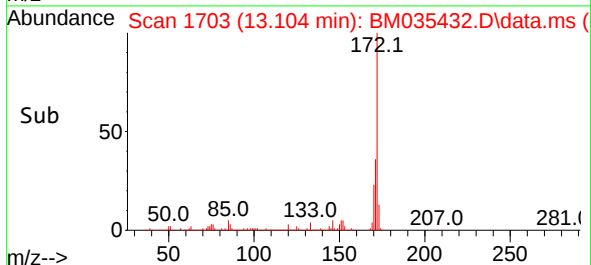
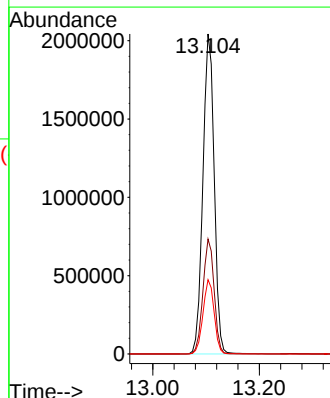
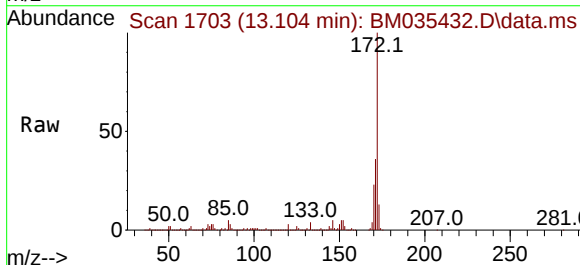
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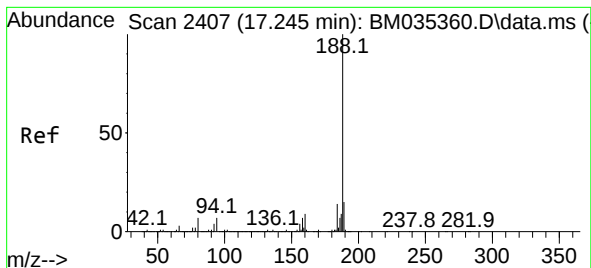
Tgt Ion:330 Resp: 933424
Ion Ratio Lower Upper
330 100
332 95.9 77.0 115.4
141 22.5 35.3 52.9#



#45
2-Fluorobiphenyl
Concen: 89.856 ng
RT: 13.104 min Scan# 1703
Delta R.T. -0.006 min
Lab File: BM035432.D
Acq: 08 Jun 2022 16:32

Tgt Ion:172 Resp: 3005423
Ion Ratio Lower Upper
172 100
171 35.9 28.5 42.7
170 23.2 18.7 28.1





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.227 min Scan# 2404

Delta R.T. -0.000 min

Lab File: BM035432.D

Acq: 08 Jun 2022 16:32

Instrument :

BNA_M

ClientSampleId :

20220428-SPLP-AMENDED-COMPOSITE-H

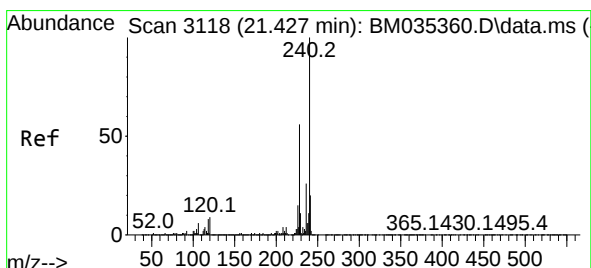
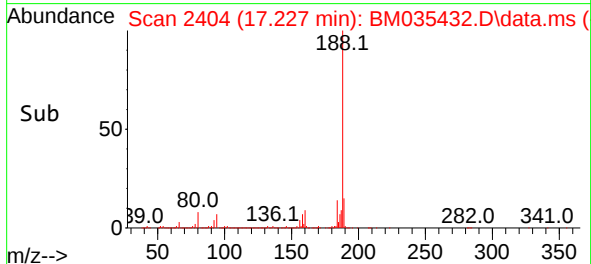
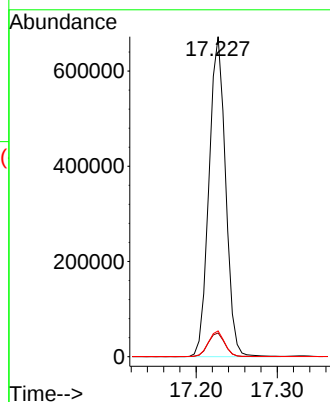
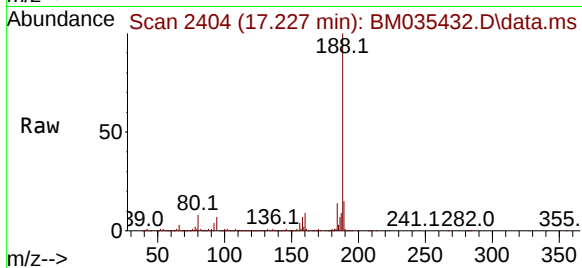
Tgt Ion:188 Resp: 953525

Ion Ratio Lower Upper

188 100

94 7.4 7.0 10.4

80 8.1 7.6 11.4



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.415 min Scan# 3116

Delta R.T. -0.006 min

Lab File: BM035432.D

Acq: 08 Jun 2022 16:32

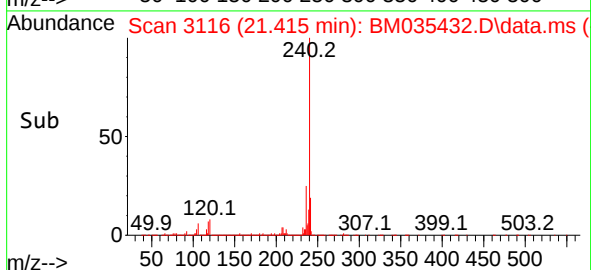
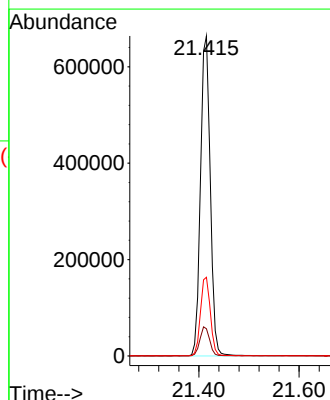
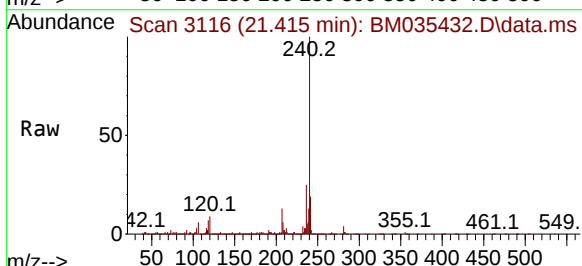
Tgt Ion:240 Resp: 895859

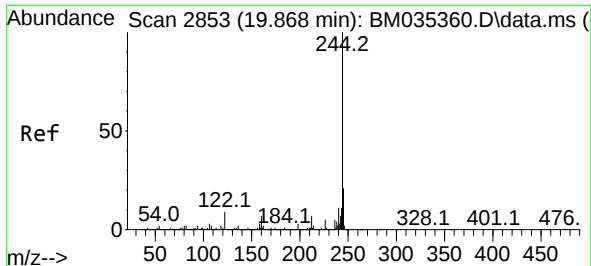
Ion Ratio Lower Upper

240 100

120 8.5 9.4 14.0#

236 24.6 20.6 30.8

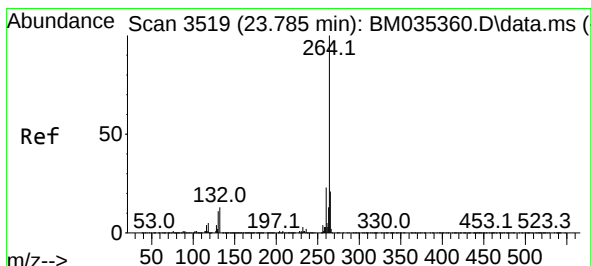
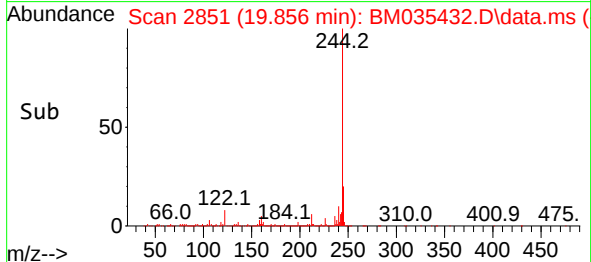
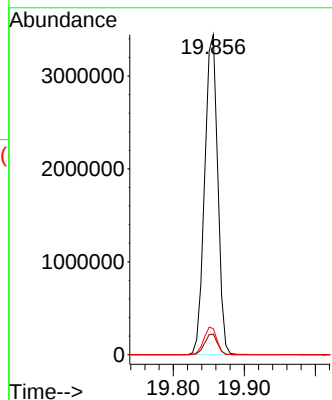
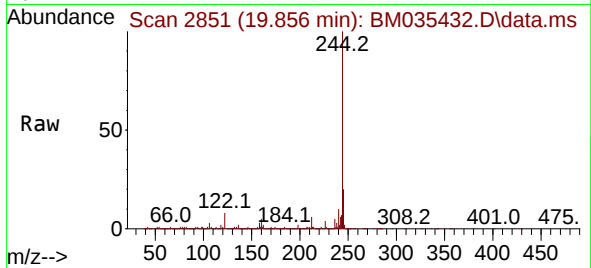




#79
 Terphenyl-d14
 Concen: 98.215 ng
 RT: 19.856 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BM035432.D
 Acq: 08 Jun 2022 16:32

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Tgt Ion:244 Resp: 4416396
 Ion Ratio Lower Upper
 244 100
 212 6.4 6.2 9.4
 122 8.1 8.3 12.5#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.768 min Scan# 3516
 Delta R.T. -0.006 min
 Lab File: BM035432.D
 Acq: 08 Jun 2022 16:32

Tgt Ion:264 Resp: 989939
 Ion Ratio Lower Upper
 264 100
 260 23.3 18.9 28.3
 265 22.2 17.5 26.3

