

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060122\
 Data File : BM035344.D
 Acq On : 01 Jun 2022 13:22
 Operator : CG/JU
 Sample : N3099-06
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 20220429-SPLP-AMENDED-COMPOSITE-I

Quant Time: Jun 02 08:46:37 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM052722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 31 15:35:47 2022
 Response via : Initial Calibration

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

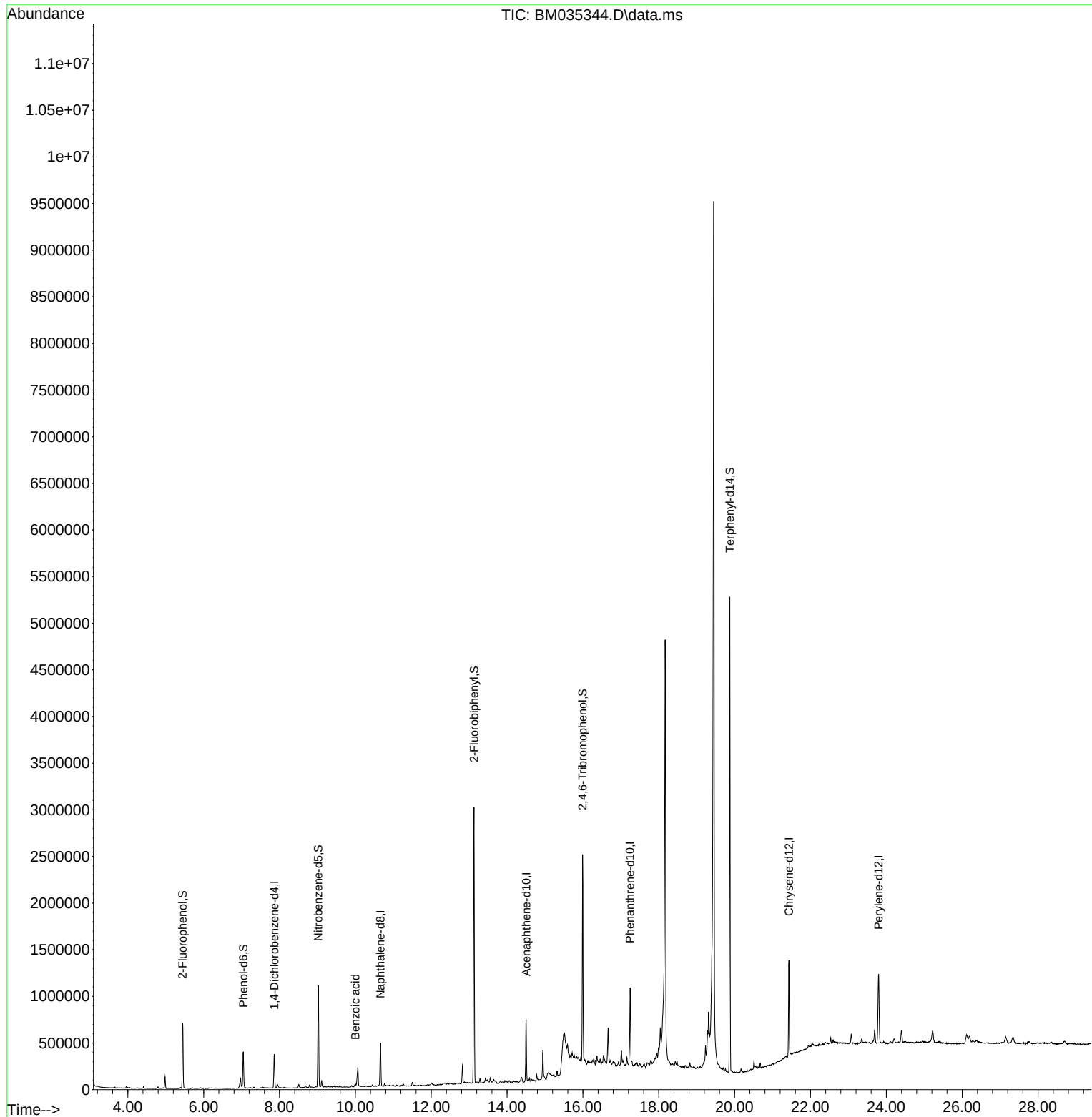
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.863	152	104432	20.000	ng	-0.01
21) Naphthalene-d8	10.663	136	393941	20.000	ng	#-0.01
39) Acenaphthene-d10	14.504	164	236074	20.000	ng	-0.01
64) Phenanthrene-d10	17.245	188	499635	20.000	ng	-0.01
76) Chrysene-d12	21.433	240	505812	20.000	ng	# 0.00
86) Perylene-d12	23.798	264	597860	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.446	112	306758	54.235	ng	-0.01
7) Phenol-d6	7.046	99	233471	31.878	ng	0.00
23) Nitrobenzene-d5	9.022	82	612116	85.535	ng	-0.01
42) 2,4,6-Tribromophenol	15.992	330	473583	154.636	ng	-0.01
45) 2-Fluorobiphenyl	13.128	172	1585324	93.125	ng	-0.01
79) Terphenyl-d14	19.874	244	2533329	88.749	ng	0.00
Target Compounds						
32) Benzoic acid	10.004	122	10243	5.142	ng	Qvalue 92

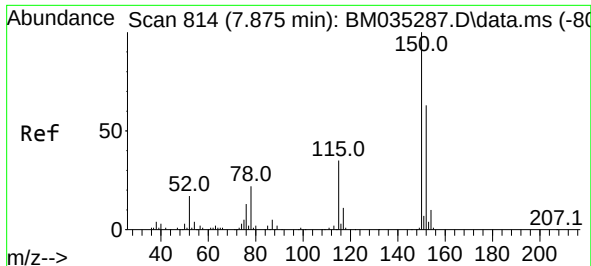
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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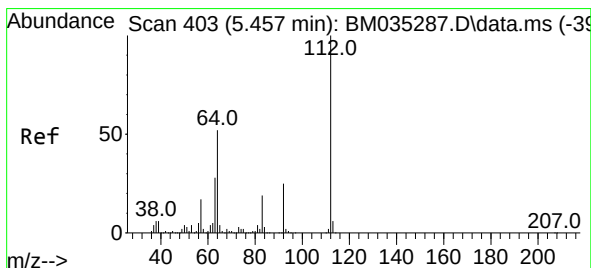
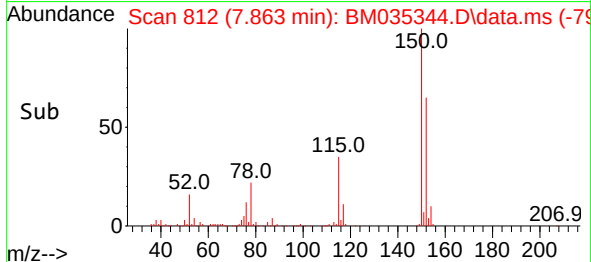
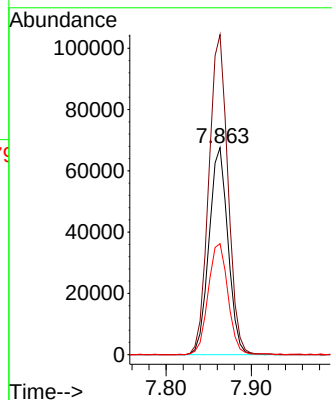
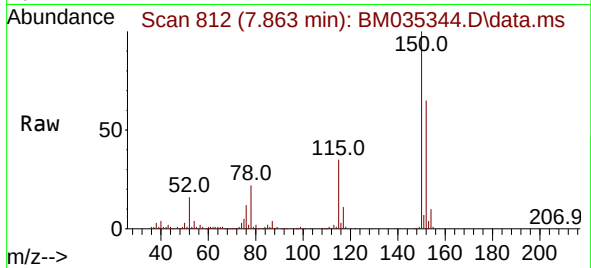




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.863 min Scan# 814
Delta R.T. -0.012 min
Lab File: BM035344.D
Acq: 01 Jun 2022 13:22

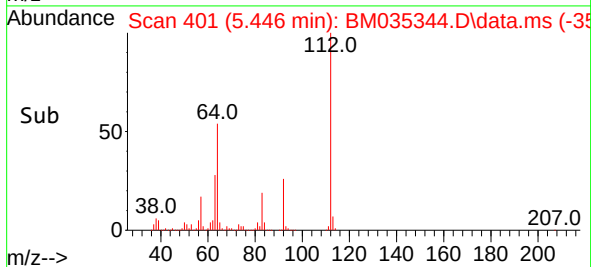
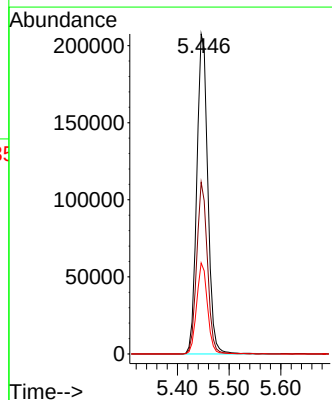
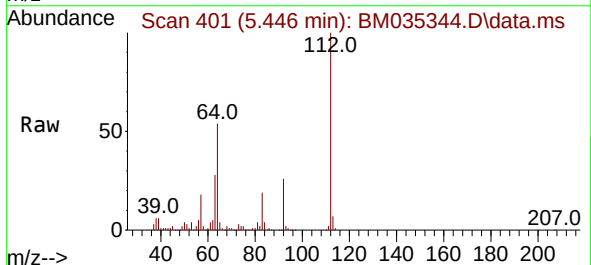
Instrument :
BNA_M
ClientSampleId :
20220429-SPLP-AMENDED-COMPOSITE-I

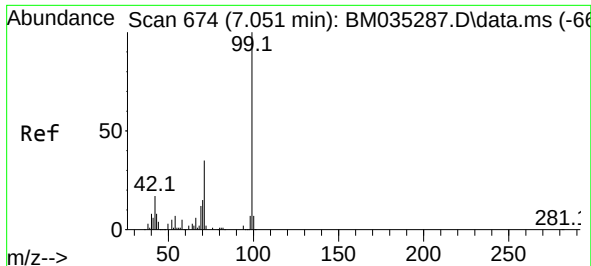
Tgt Ion:152 Resp: 104432
Ion Ratio Lower Upper
152 100
150 154.6 124.9 187.3
115 53.7 47.9 71.9



#5
2-Fluorophenol
Concen: 54.235 ng
RT: 5.446 min Scan# 401
Delta R.T. -0.011 min
Lab File: BM035344.D
Acq: 01 Jun 2022 13:22

Tgt Ion:112 Resp: 306758
Ion Ratio Lower Upper
112 100
64 53.6 47.8 71.6
63 28.5 26.6 40.0

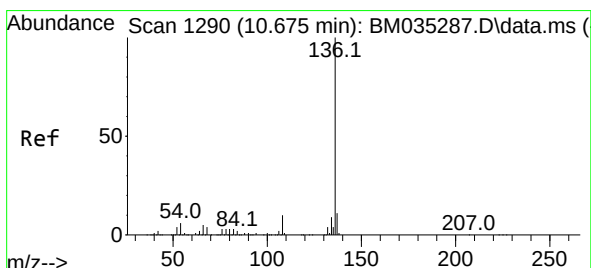
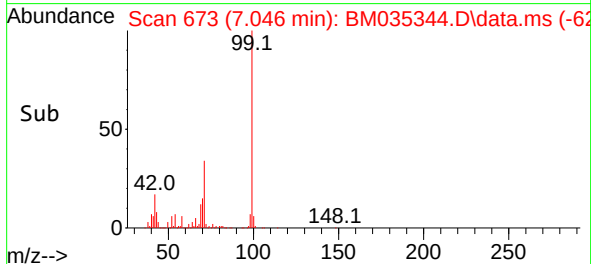
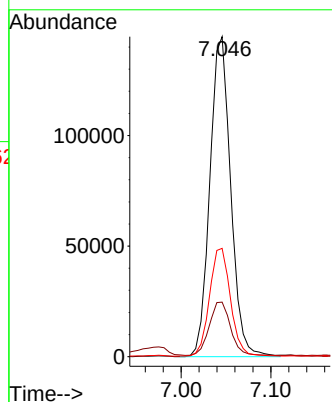
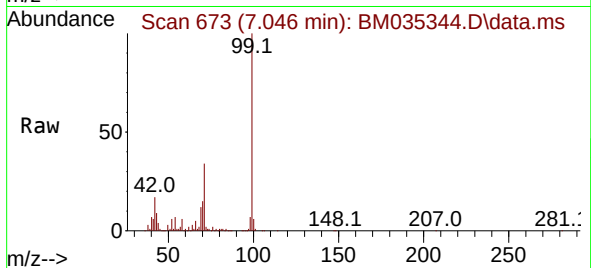




#7
Phenol-d6
Concen: 31.878 ng
RT: 7.046 min Scan# 61
Delta R.T. -0.005 min
Lab File: BM035344.D
Acq: 01 Jun 2022 13:22

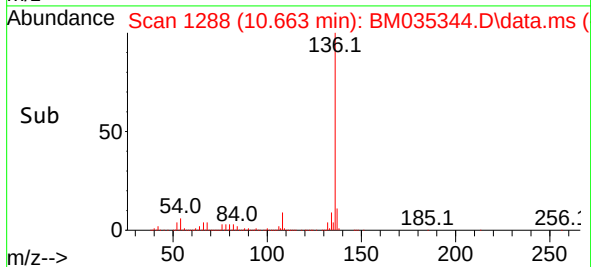
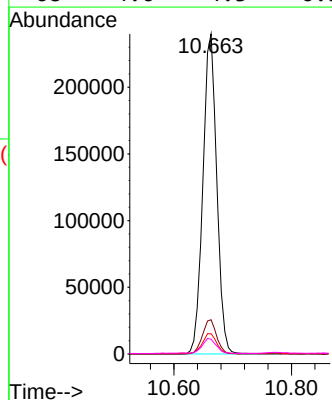
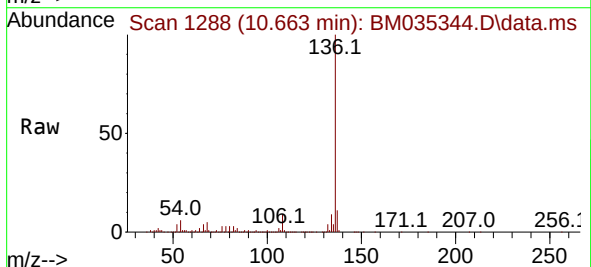
Instrument :
BNA_M
ClientSampleId :
20220429-SPLP-AMENDED-COMPOSITE-I

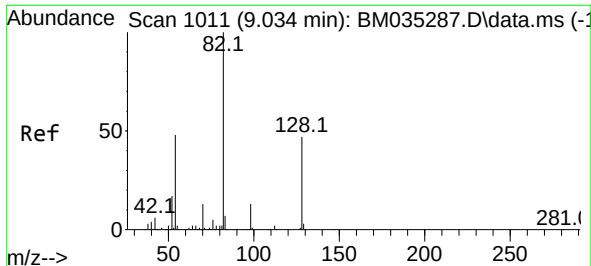
Tgt Ion: 99 Resp: 233471
Ion Ratio Lower Upper
99 100
42 17.0 18.8 28.2#
71 33.8 30.2 45.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.663 min Scan# 1288
Delta R.T. -0.012 min
Lab File: BM035344.D
Acq: 01 Jun 2022 13:22

Tgt Ion: 136 Resp: 393941
Ion Ratio Lower Upper
136 100
137 10.7 8.9 13.3
54 6.3 7.0 10.4#
68 4.6 4.3 6.5

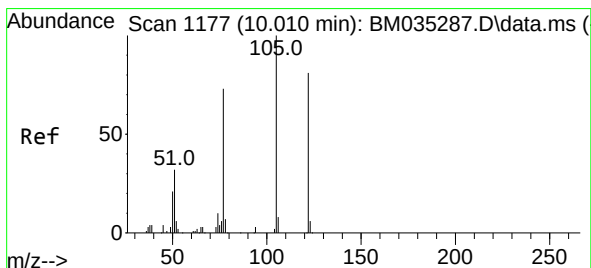
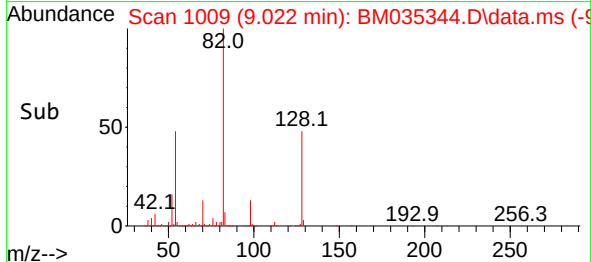
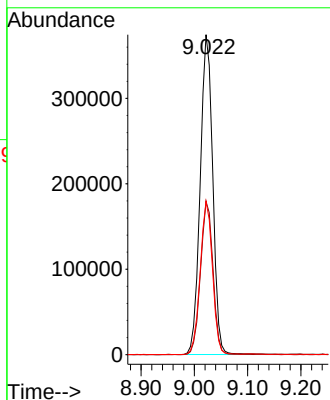
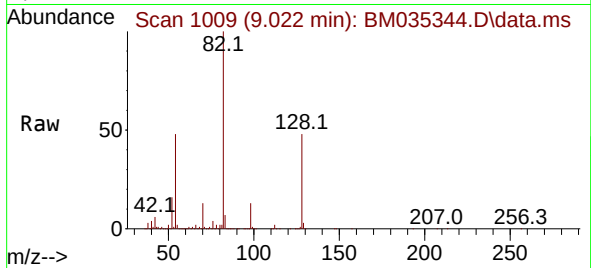




#23
Nitrobenzene-d5
Concen: 85.535 ng
RT: 9.022 min Scan# 1009
Delta R.T. -0.012 min
Lab File: BM035344.D
Acq: 01 Jun 2022 13:22

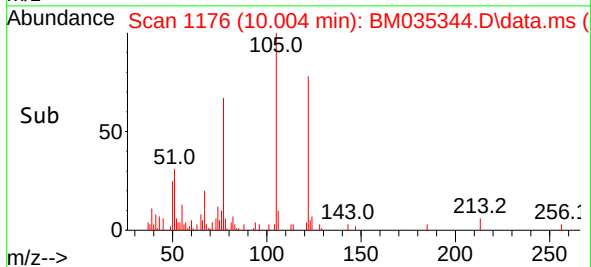
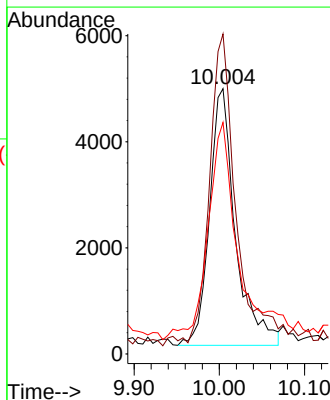
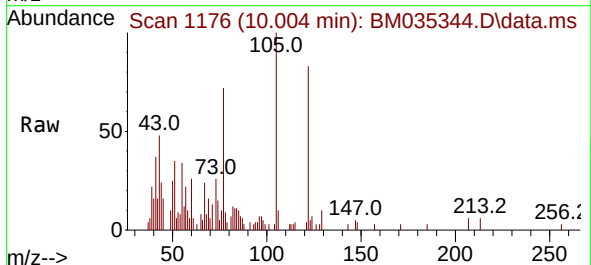
Instrument :
BNA_M
ClientSampleId :
20220429-SPLP-AMENDED-COMPOSITE-I

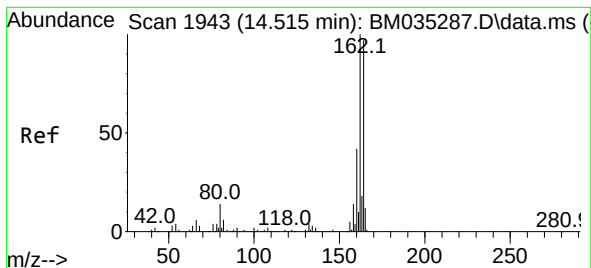
Tgt Ion: 82 Resp: 612116
Ion Ratio Lower Upper
82 100
128 47.9 33.7 50.5
54 47.9 43.2 64.8



#32
Benzoic acid
Concen: 5.142 ng
RT: 10.004 min Scan# 1176
Delta R.T. -0.006 min
Lab File: BM035344.D
Acq: 01 Jun 2022 13:22

Tgt Ion:122 Resp: 10243
Ion Ratio Lower Upper
122 100
105 120.6 105.7 145.7
77 87.2 80.0 120.0





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.504 min Scan# 1941

Delta R.T. -0.011 min

Lab File: BM035344.D

Acq: 01 Jun 2022 13:22

Instrument :

BNA_M

ClientSampleId :

20220429-SPLP-AMENDED-COMPOSITE-I

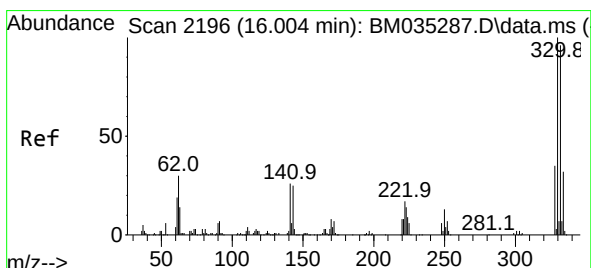
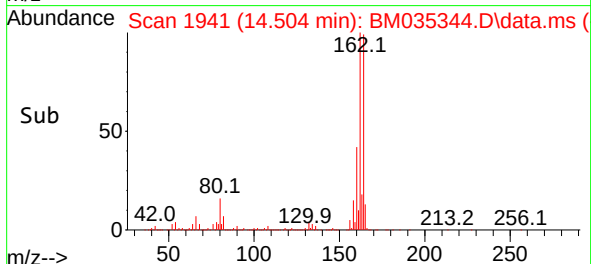
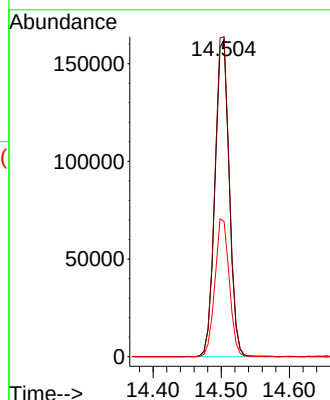
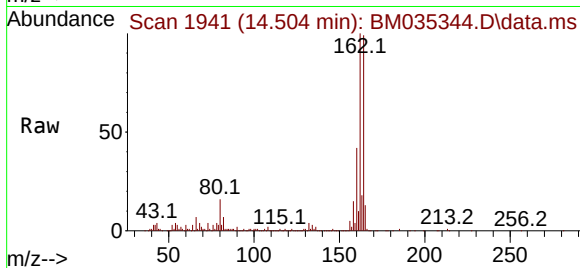
Tgt Ion:164 Resp: 236074

Ion Ratio Lower Upper

164 100

162 100.9 83.0 124.6

160 42.7 37.0 55.4



#42

2,4,6-Tribromophenol

Concen: 154.636 ng

RT: 15.992 min Scan# 2194

Delta R.T. -0.012 min

Lab File: BM035344.D

Acq: 01 Jun 2022 13:22

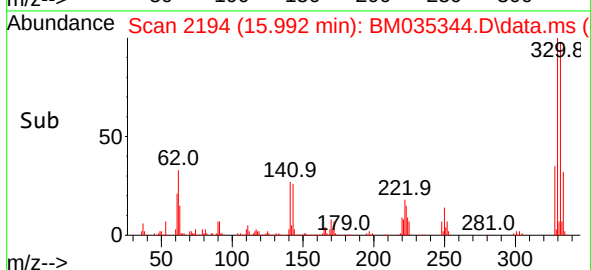
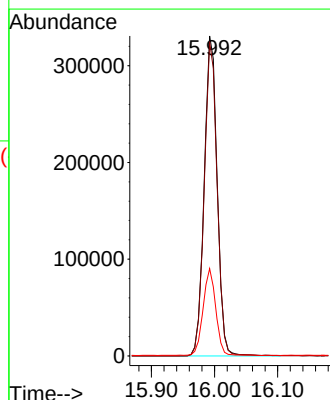
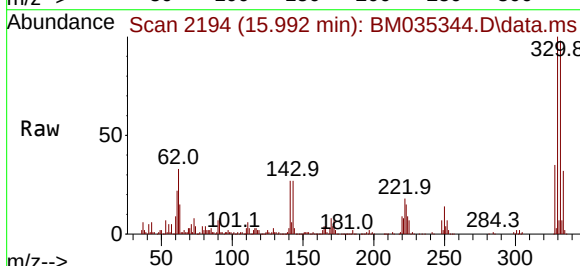
Tgt Ion:330 Resp: 473583

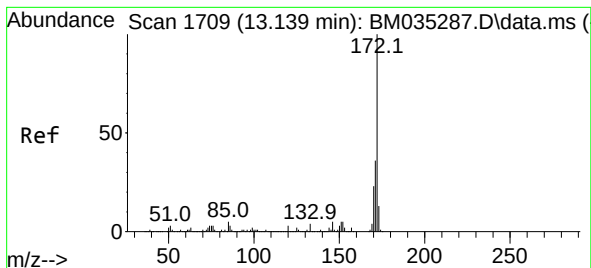
Ion Ratio Lower Upper

330 100

332 97.1 77.0 115.4

141 26.3 35.3 52.9#





#45

2-Fluorobiphenyl

Concen: 93.125 ng

RT: 13.128 min Scan# 1

Delta R.T. -0.011 min

Lab File: BM035344.D

Acq: 01 Jun 2022 13:22

Instrument :

BNA_M

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20220429-SPLP-AMENDED-COMPOSITE-I

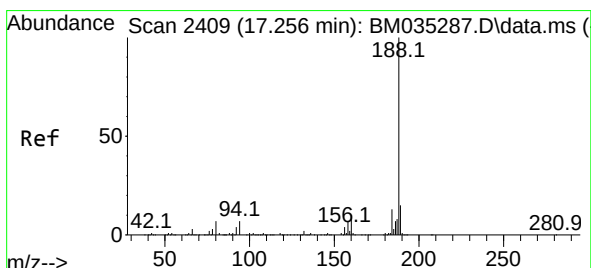
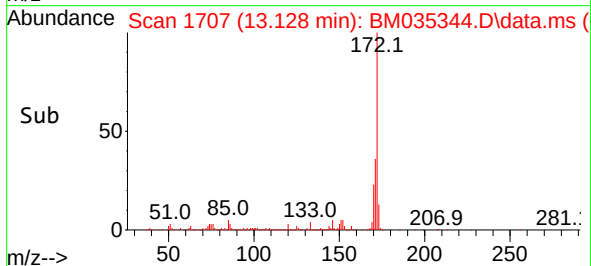
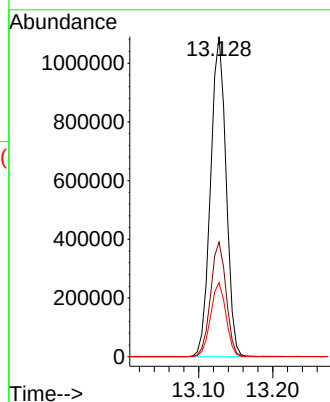
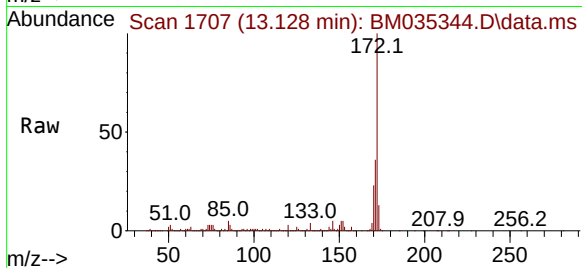
Tgt Ion:172 Resp: 1585324

Ion Ratio Lower Upper

172 100

171 35.8 28.5 42.7

170 23.1 18.7 28.1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.245 min Scan# 2407

Delta R.T. -0.011 min

Lab File: BM035344.D

Acq: 01 Jun 2022 13:22

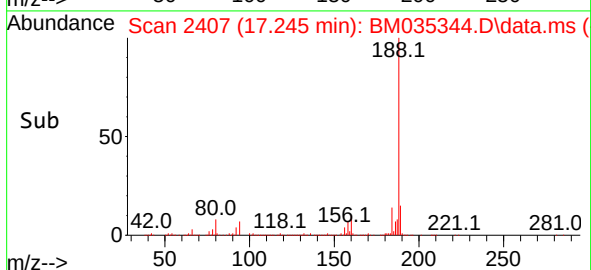
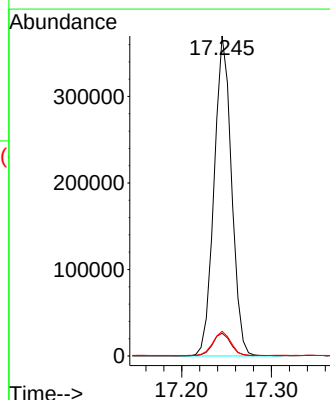
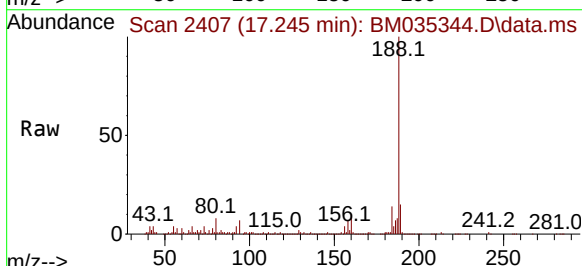
Tgt Ion:188 Resp: 499635

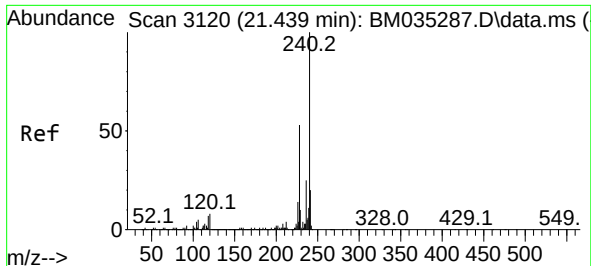
Ion Ratio Lower Upper

188 100

94 7.1 7.0 10.4

80 7.7 7.6 11.4

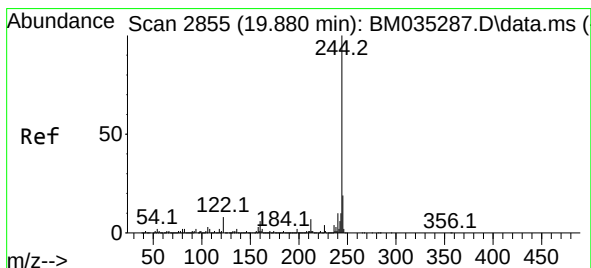
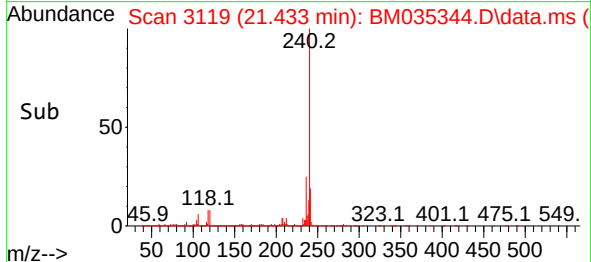
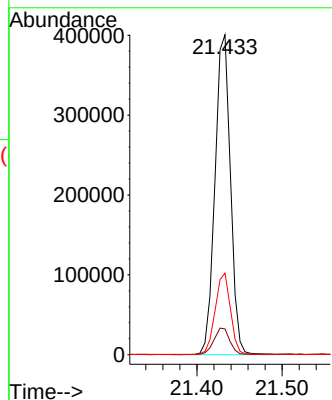
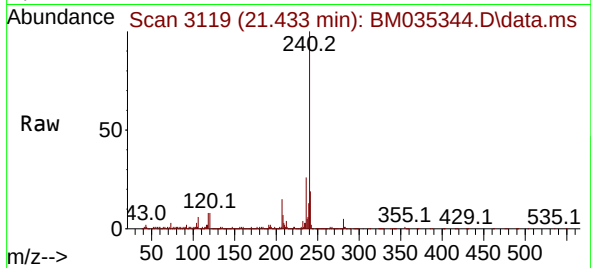




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.433 min Scan# 31
Delta R.T. -0.006 min
Lab File: BM035344.D
Acq: 01 Jun 2022 13:22

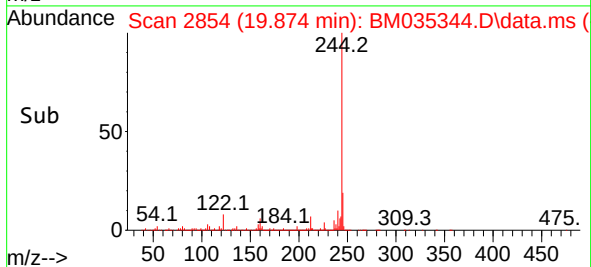
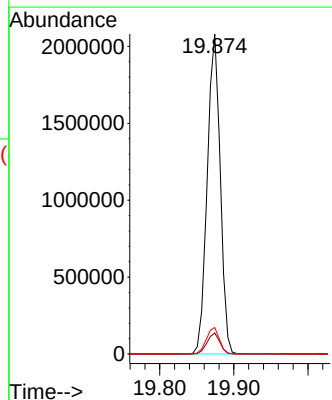
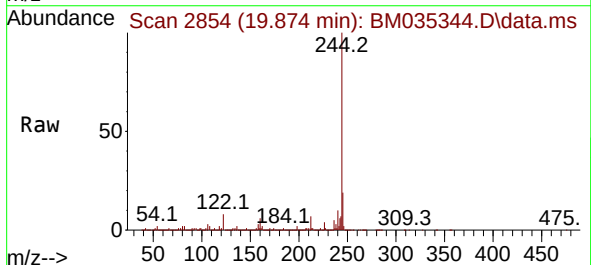
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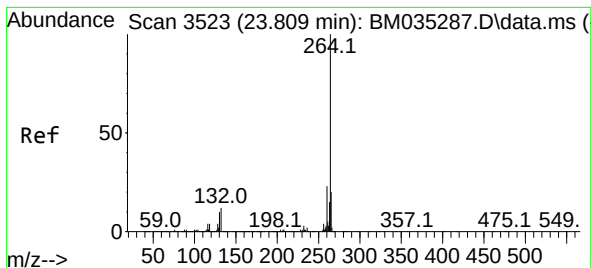
Tgt Ion:240 Resp: 505812
Ion Ratio Lower Upper
240 100
120 8.1 9.4 14.0#
236 25.5 20.6 30.8



#79
Terphenyl-d14
Concen: 88.749 ng
RT: 19.874 min Scan# 2854
Delta R.T. -0.006 min
Lab File: BM035344.D
Acq: 01 Jun 2022 13:22

Tgt Ion:244 Resp: 2533329
Ion Ratio Lower Upper
244 100
212 6.6 6.2 9.4
122 8.2 8.3 12.5#





#86

Perylene-d12

Concen: 20.000 ng

RT: 23.798 min Scan# 3

Delta R.T. -0.012 min

Lab File: BM035344.D

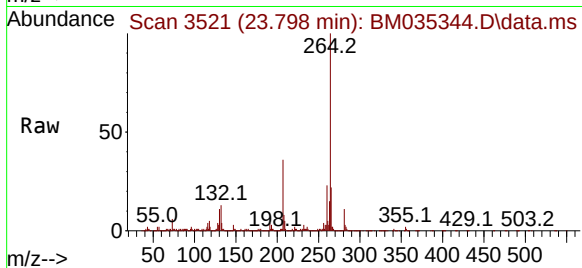
Acq: 01 Jun 2022 13:22

Instrument :

BNA_M

ClientSampleId :

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Tgt Ion:264 Resp: 597860

Ion Ratio Lower Upper

264 100

260 22.9 18.9 28.3

265 22.2 17.5 26.3

