

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060722\
 Data File : BM035411.D
 Acq On : 07 Jun 2022 14:48
 Operator : CG/JU
 Sample : N3194-04
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 TP-3

Quant Time: Jun 07 15:44:24 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)

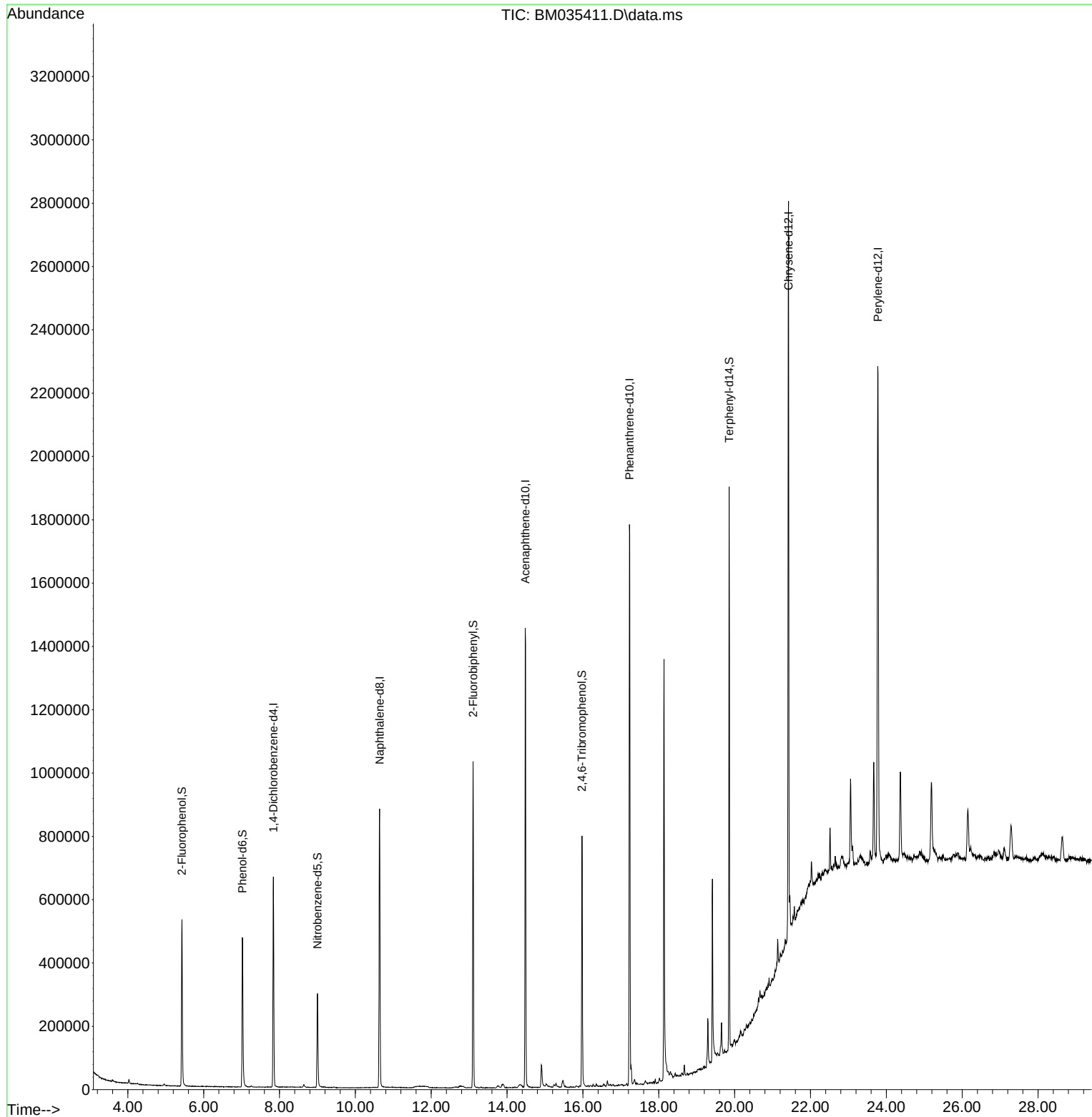
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.839	152	212499	20.000	ng	0.00
21) Naphthalene-d8	10.639	136	805602	20.000	ng	# 0.00
39) Acenaphthene-d10	14.480	164	529542	20.000	ng	0.00
64) Phenanthrene-d10	17.227	188	1156859	20.000	ng	0.00
76) Chrysene-d12	21.421	240	1196535	20.000	ng	# 0.00
86) Perylene-d12	23.774	264	1269192	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	264616	26.167	ng	0.00
7) Phenol-d6	7.022	99	330421	23.920	ng	0.00
23) Nitrobenzene-d5	8.998	82	190286	14.998	ng	0.00
42) 2,4,6-Tribromophenol	15.974	330	185268	21.806	ng	0.00
45) 2-Fluorobiphenyl	13.104	172	558341	15.144	ng	0.00
79) Terphenyl-d14	19.856	244	911129	15.171	ng	0.00
Target Compounds						
9) Benzaldehyde	6.969	77	145	Below Cal	#	Qvalue 3

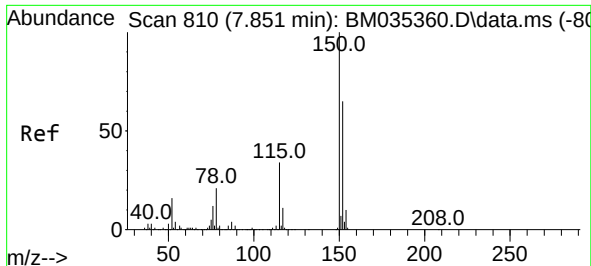
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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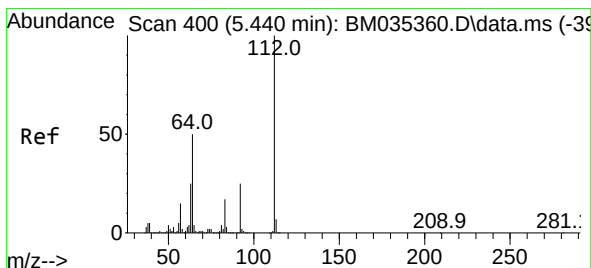
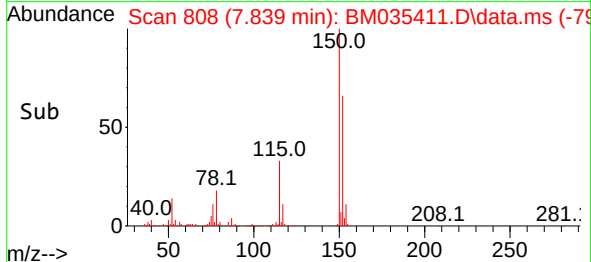
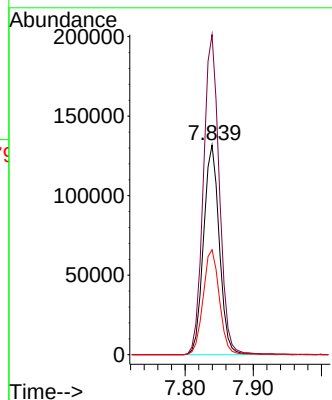
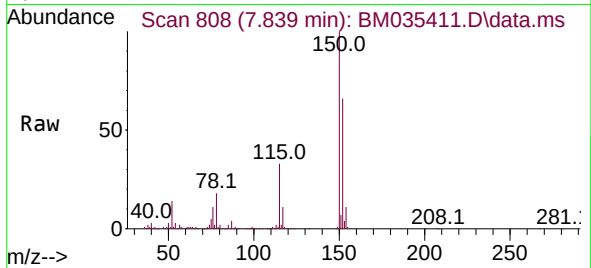




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.839 min Scan# 80
Delta R.T. -0.001 min
Lab File: BM035411.D
Acq: 07 Jun 2022 14:48

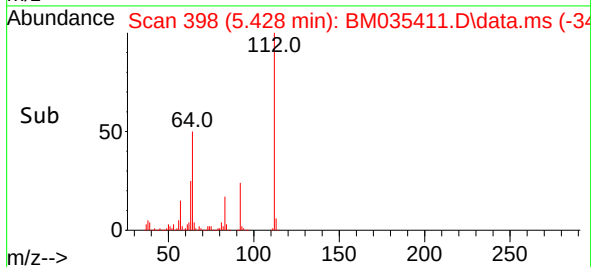
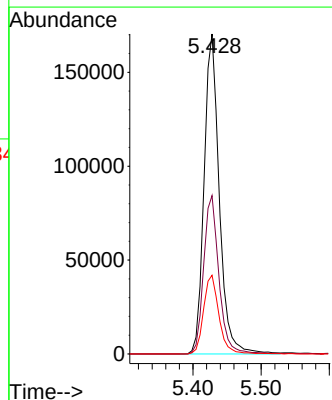
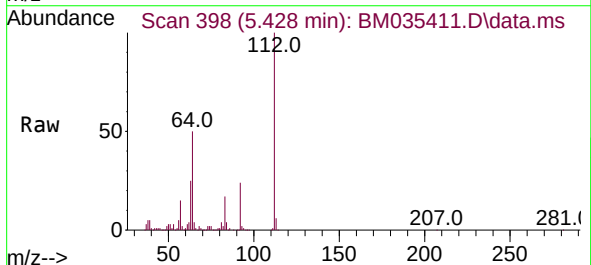
Instrument :
BNA_M
ClientSampleId :
TP-3

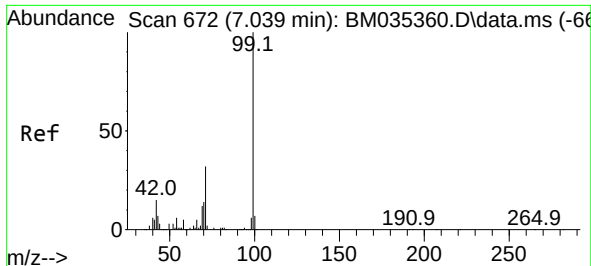
Tgt Ion:152 Resp: 212499
Ion Ratio Lower Upper
152 100
150 152.6 124.9 187.3
115 50.0 47.9 71.9



#5
2-Fluorophenol
Concen: 26.167 ng
RT: 5.428 min Scan# 398
Delta R.T. -0.000 min
Lab File: BM035411.D
Acq: 07 Jun 2022 14:48

Tgt Ion:112 Resp: 264616
Ion Ratio Lower Upper
112 100
64 49.5 47.8 71.6
63 24.6 26.6 40.0#

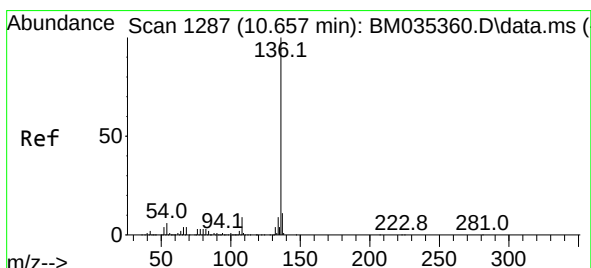
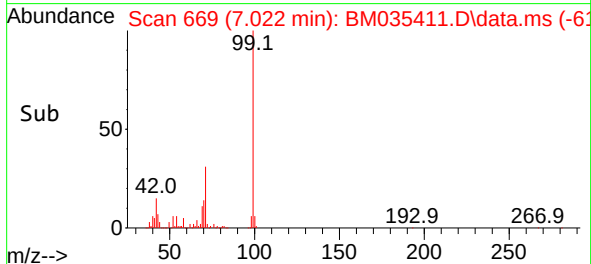
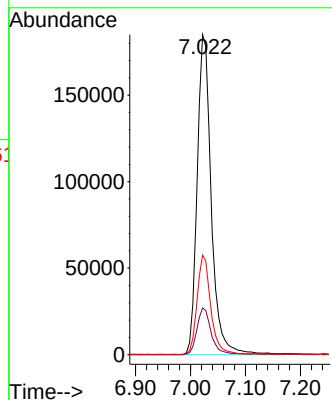
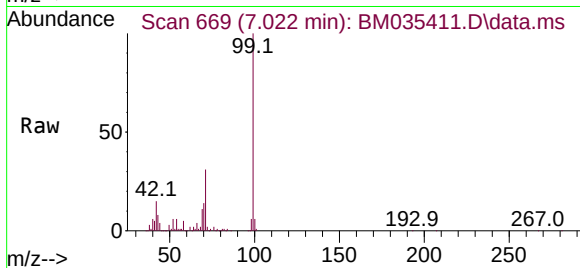




#7
Phenol-d6
Concen: 23.920 ng
RT: 7.022 min Scan# 60
Delta R.T. -0.006 min
Lab File: BM035411.D
Acq: 07 Jun 2022 14:48

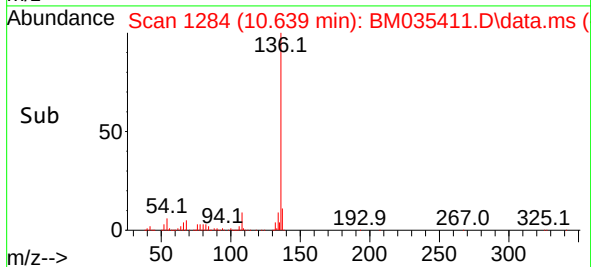
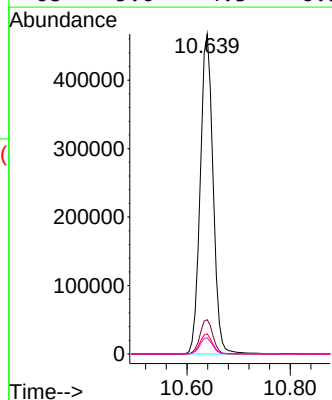
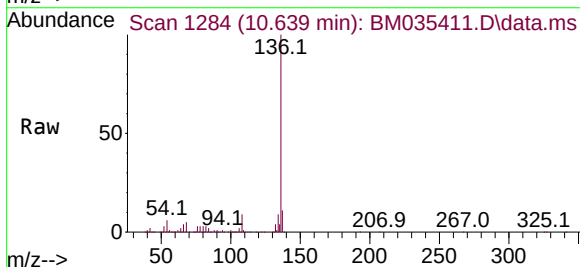
Instrument :
BNA_M
ClientSampleId :
TP-3

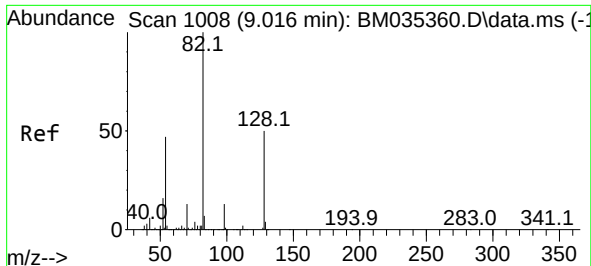
Tgt Ion: 99 Resp: 330421
Ion Ratio Lower Upper
99 100
42 14.6 18.8 28.2#
71 31.2 30.2 45.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.639 min Scan# 1284
Delta R.T. -0.000 min
Lab File: BM035411.D
Acq: 07 Jun 2022 14:48

Tgt Ion: 136 Resp: 805602
Ion Ratio Lower Upper
136 100
137 10.7 8.9 13.3
54 6.3 7.0 10.4#
68 5.0 4.3 6.5





#23

Nitrobenzene-d5

Concen: 14.998 ng

RT: 8.998 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM035411.D

Acq: 07 Jun 2022 14:48

Instrument :

BNA_M

ClientSampleId :

TP-3

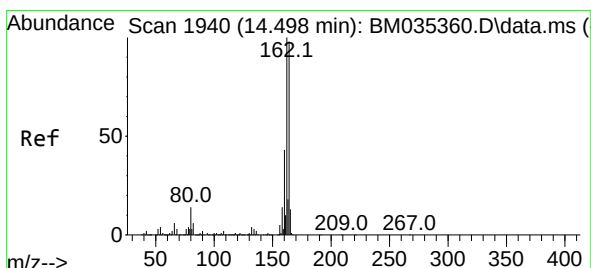
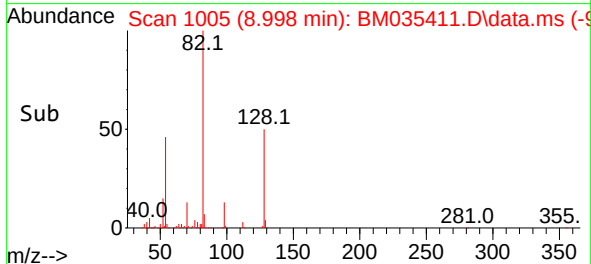
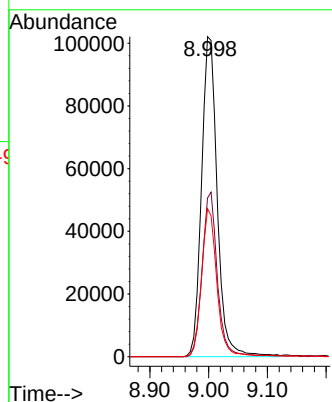
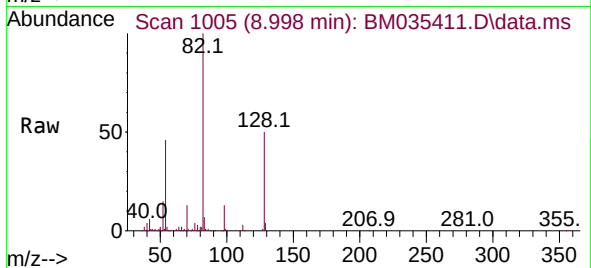
Tgt Ion: 82 Resp: 190286

Ion Ratio Lower Upper

82 100

128 49.6 33.7 50.5

54 46.3 43.2 64.8



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.480 min Scan# 1937

Delta R.T. -0.006 min

Lab File: BM035411.D

Acq: 07 Jun 2022 14:48

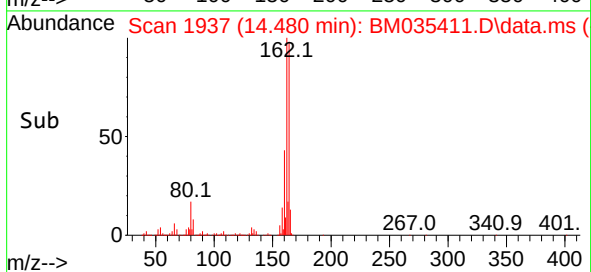
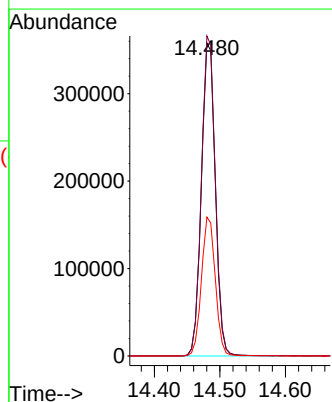
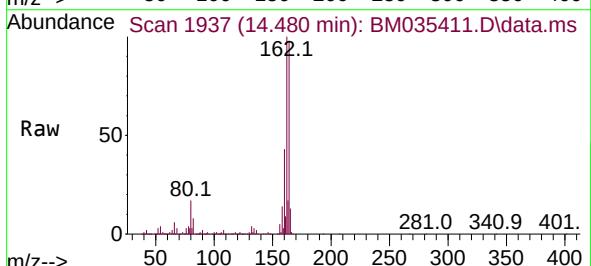
Tgt Ion:164 Resp: 529542

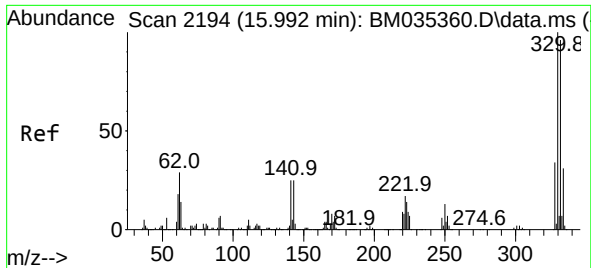
Ion Ratio Lower Upper

164 100

162 102.2 83.0 124.6

160 44.4 37.0 55.4





#42

2,4,6-Tribromophenol

Concen: 21.806 ng

RT: 15.974 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM035411.D

Acq: 07 Jun 2022 14:48

Instrument :

BNA_M

ClientSampleId :

TP-3

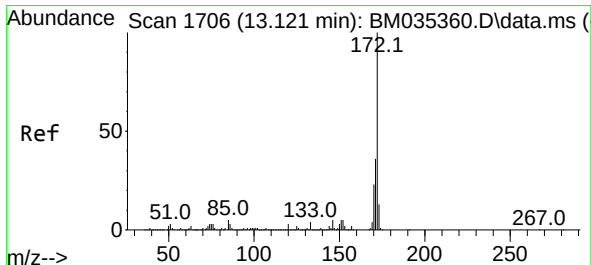
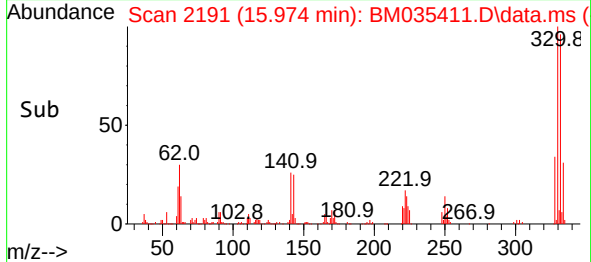
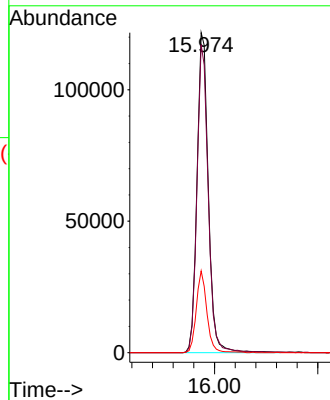
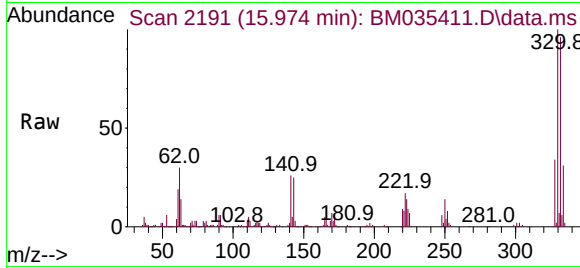
Tgt Ion:330 Resp: 185268

Ion Ratio Lower Upper

330 100

332 95.1 77.0 115.4

141 23.9 35.3 52.9#



#45

2-Fluorobiphenyl

Concen: 15.144 ng

RT: 13.104 min Scan# 1703

Delta R.T. -0.006 min

Lab File: BM035411.D

Acq: 07 Jun 2022 14:48

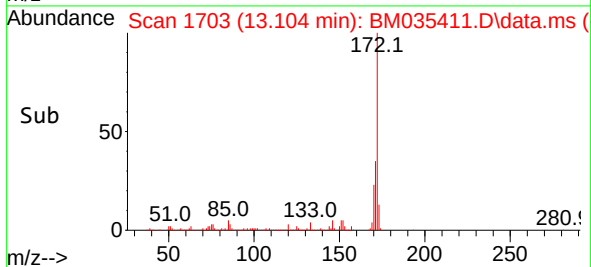
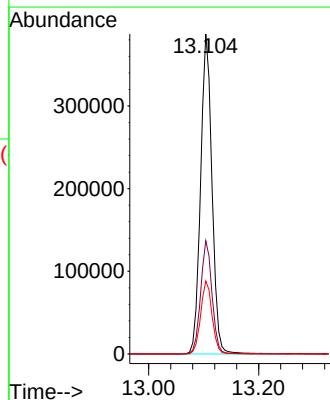
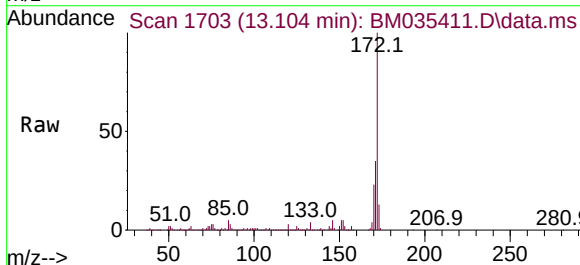
Tgt Ion:172 Resp: 558341

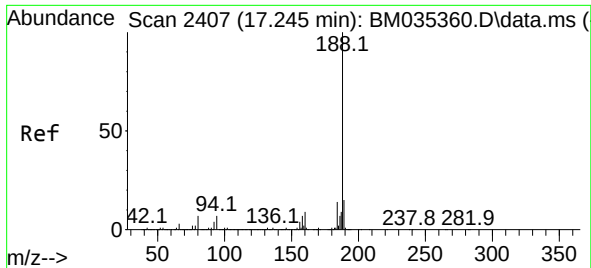
Ion Ratio Lower Upper

172 100

171 35.4 28.5 42.7

170 22.8 18.7 28.1

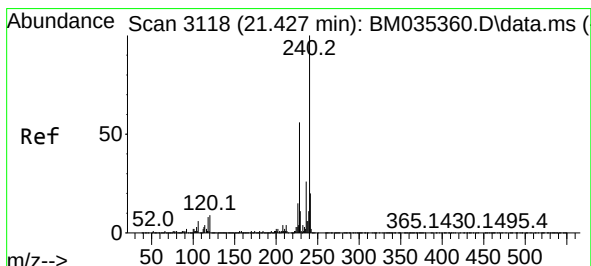
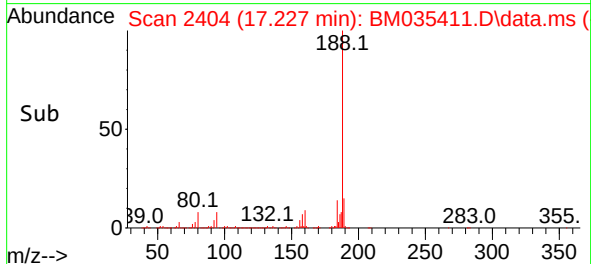
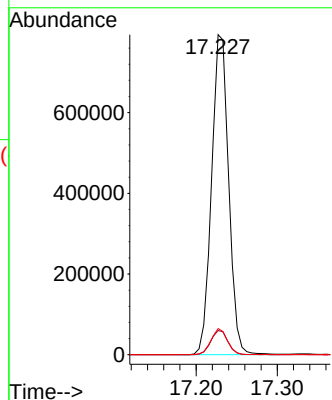
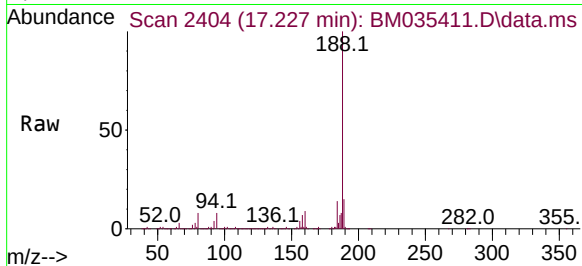




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.227 min Scan# 2404
Delta R.T. -0.000 min
Lab File: BM035411.D
Acq: 07 Jun 2022 14:48

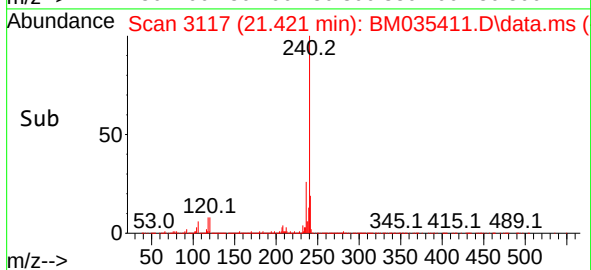
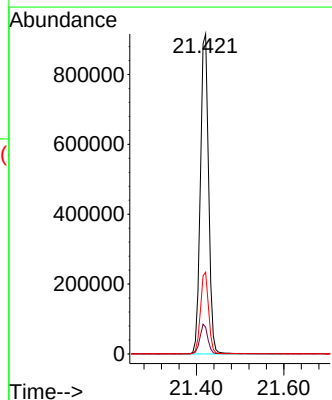
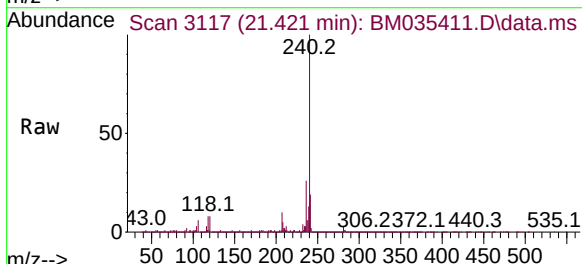
Instrument :
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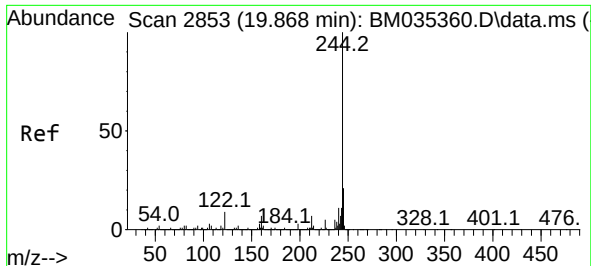
Tgt Ion:188 Resp: 1156859
Ion Ratio Lower Upper
188 100
94 7.6 7.0 10.4
80 8.2 7.6 11.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.421 min Scan# 3117
Delta R.T. -0.000 min
Lab File: BM035411.D
Acq: 07 Jun 2022 14:48

Tgt Ion:240 Resp: 1196535
Ion Ratio Lower Upper
240 100
120 8.4 9.4 14.0#
236 25.6 20.6 30.8

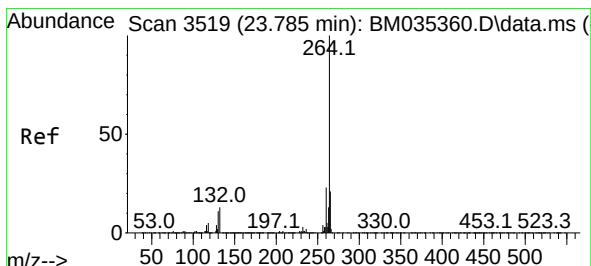
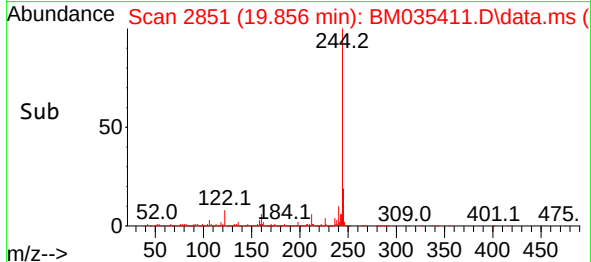
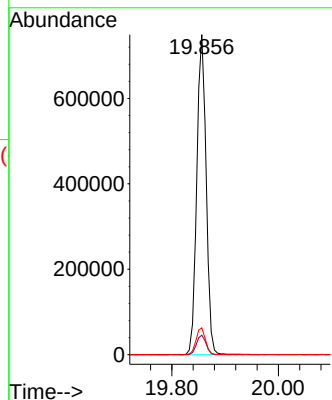
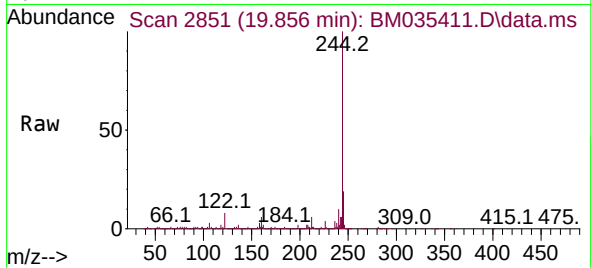




#79
 Terphenyl-d14
 Concen: 15.171 ng
 RT: 19.856 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BM035411.D
 Acq: 07 Jun 2022 14:48

Instrument :
 BNA_M
 ClientSampleId :
 TP-3

Tgt Ion:244 Resp: 911129
 Ion Ratio Lower Upper
 244 100
 212 6.1 6.2 9.4#
 122 8.4 8.3 12.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.774 min Scan# 3517
 Delta R.T. -0.000 min
 Lab File: BM035411.D
 Acq: 07 Jun 2022 14:48

Tgt Ion:264 Resp: 1269192
 Ion Ratio Lower Upper
 264 100
 260 23.3 18.9 28.3
 265 22.1 17.5 26.3

