

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM051922\
 Data File : BM035155.D
 Acq On : 19 May 2022 16:24
 Operator : CG/JU
 Sample : N2864-05
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 P011-SS003-0612-01

Quant Time: May 20 04:55:56 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 20 04:53:59 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.904	152	141579	20.000	ng	0.00
21) Naphthalene-d8	10.704	136	552480	20.000	ng	0.00
39) Acenaphthene-d10	14.545	164	333108	20.000	ng	0.00
64) Phenanthrene-d10	17.286	188	680818	20.000	ng	0.00
76) Chrysene-d12	21.468	240	669232	20.000	ng	0.00
86) Perylene-d12	23.856	264	732833	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	711568	88.669	ng	0.00
7) Phenol-d6	7.075	99	916926	88.508	ng	0.00
23) Nitrobenzene-d5	9.063	82	599047	58.553	ng	0.00
42) 2,4,6-Tribromophenol	16.027	330	337983	93.274	ng	0.00
45) 2-Fluorobiphenyl	13.169	172	1262881	55.036	ng	0.00
79) Terphenyl-d14	19.909	244	1870266	54.110	ng	0.00

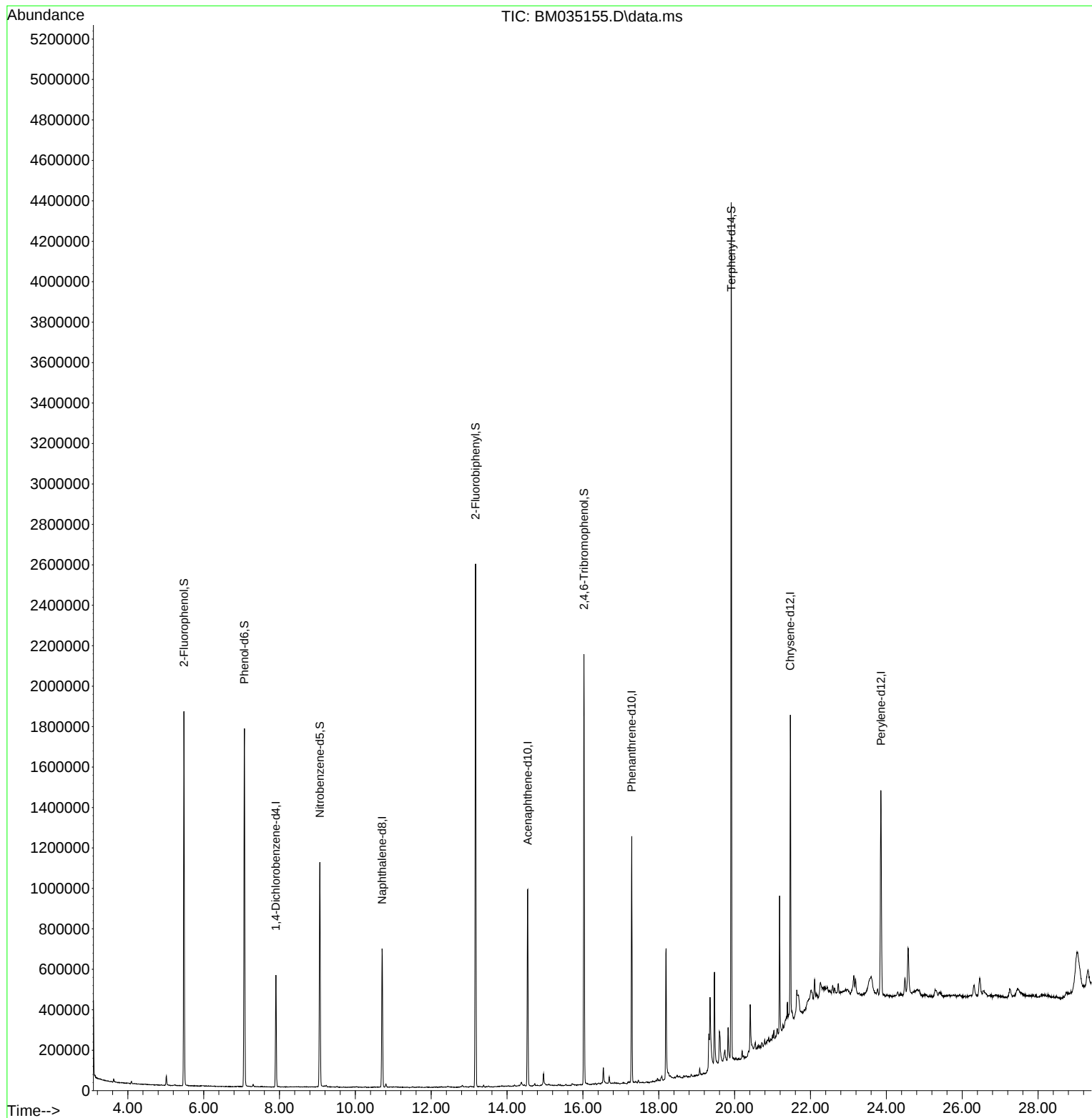
Target Compounds	Qvalue

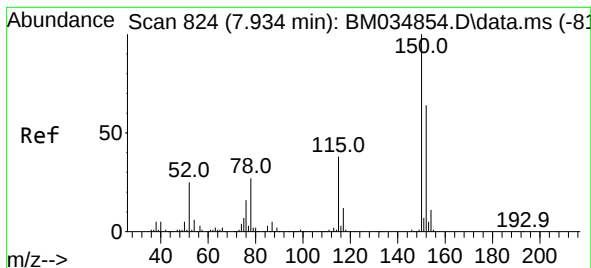
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 7.904 min Scan# 81

Delta R.T. 0.000 min

Lab File: BM035155.D

Acq: 19 May 2022 16:24

Instrument :

BNA_M

ClientSampleId :

P011-SS003-0612-01

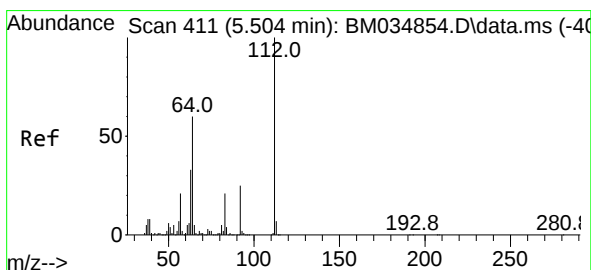
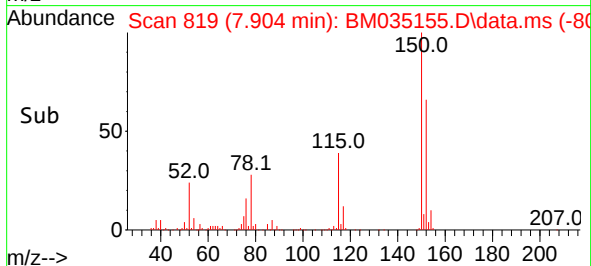
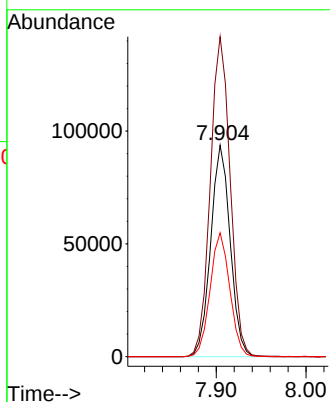
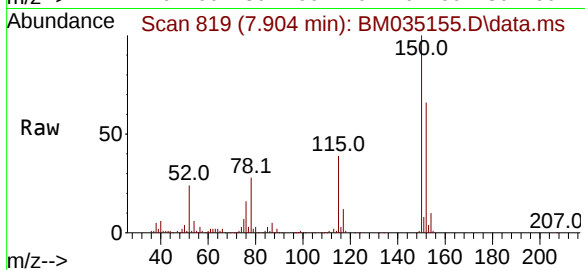
Tgt Ion:152 Resp: 141579

Ion Ratio Lower Upper

152 100

150 151.4 124.9 187.3

115 58.6 47.9 71.9



#5

2-Fluorophenol

Concen: 88.669 ng

RT: 5.481 min Scan# 407

Delta R.T. -0.000 min

Lab File: BM035155.D

Acq: 19 May 2022 16:24

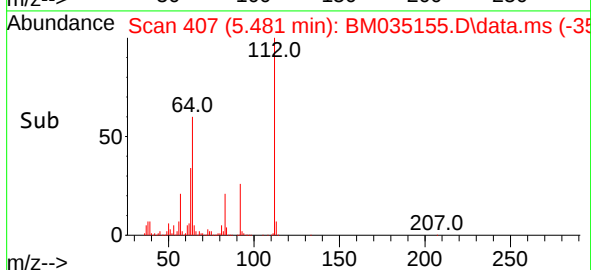
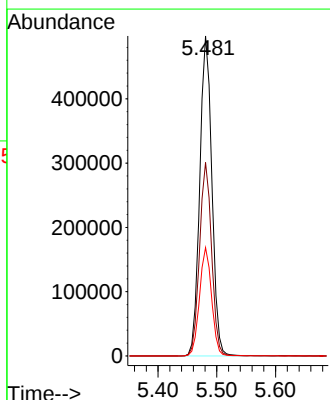
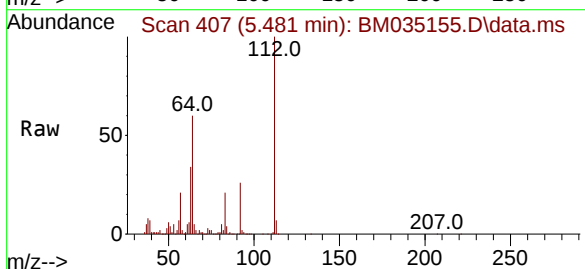
Tgt Ion:112 Resp: 711568

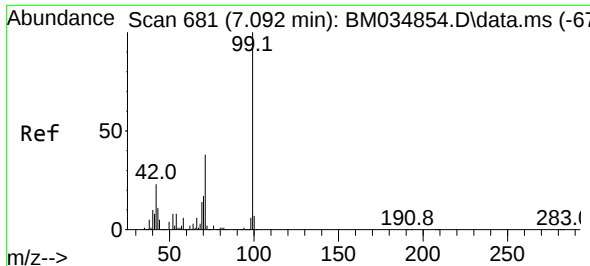
Ion Ratio Lower Upper

112 100

64 60.5 47.8 71.6

63 33.9 26.6 40.0

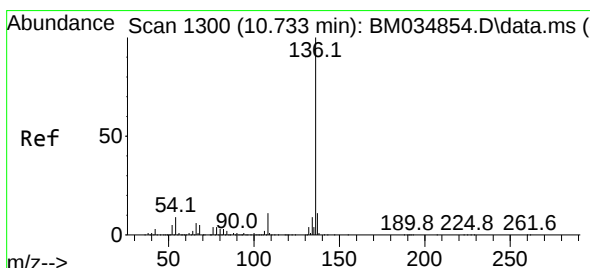
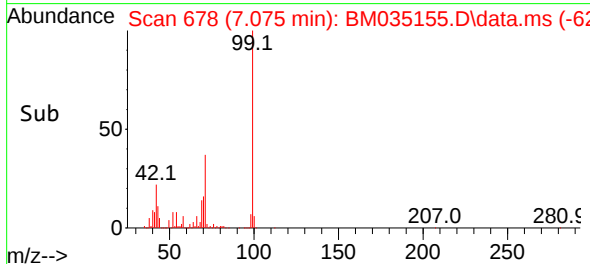
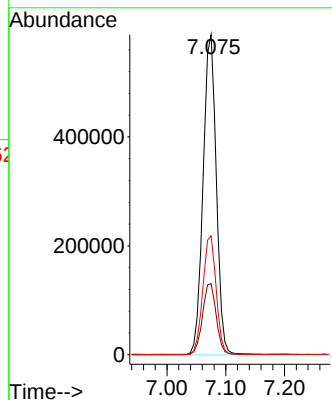
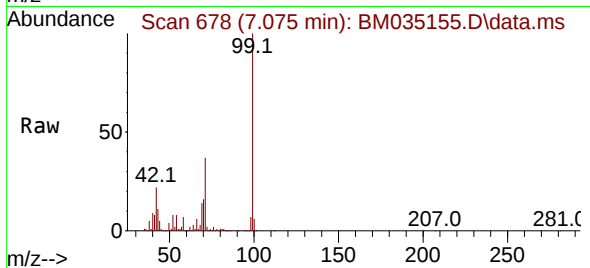




#7
Phenol-d6
Concen: 88.508 ng
RT: 7.075 min Scan# 61
Delta R.T. -0.000 min
Lab File: BM035155.D
Acq: 19 May 2022 16:24

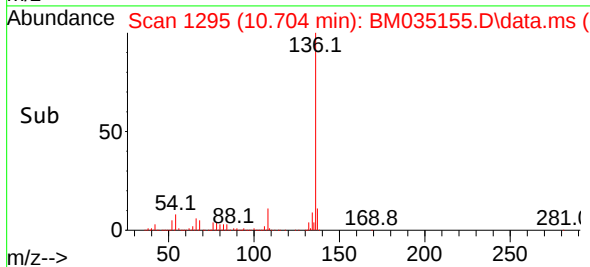
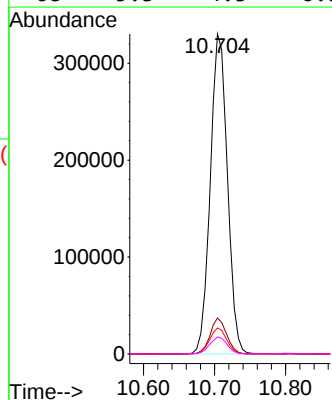
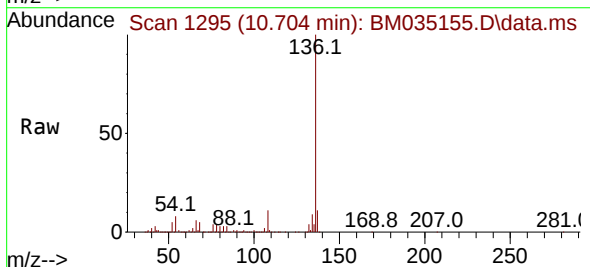
Instrument :
BNA_M
ClientSampleId :
P011-SS003-0612-01

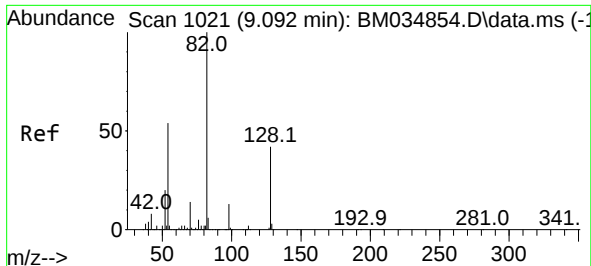
Tgt Ion: 99 Resp: 916926
Ion Ratio Lower Upper
99 100
42 22.2 18.8 28.2
71 37.2 30.2 45.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.704 min Scan# 1295
Delta R.T. -0.006 min
Lab File: BM035155.D
Acq: 19 May 2022 16:24

Tgt Ion: 136 Resp: 552480
Ion Ratio Lower Upper
136 100
137 11.2 8.9 13.3
54 8.1 7.0 10.4
68 5.3 4.3 6.5

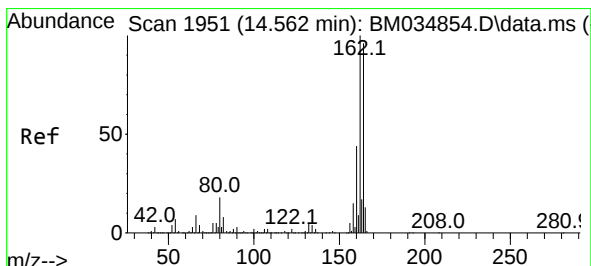
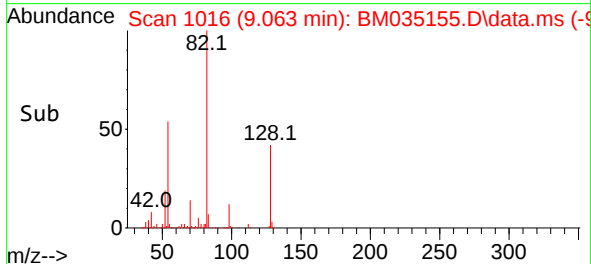
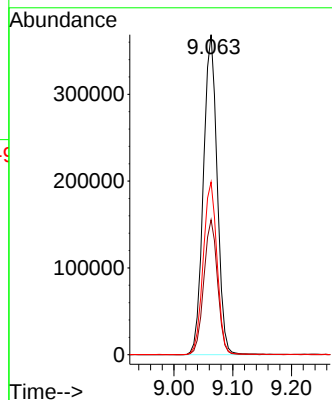
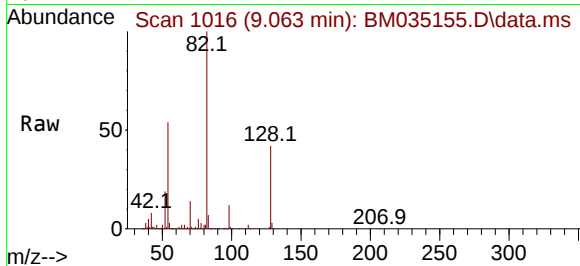




#23
Nitrobenzene-d5
Concen: 58.553 ng
RT: 9.063 min Scan# 1016
Delta R.T. -0.000 min
Lab File: BM035155.D
Acq: 19 May 2022 16:24

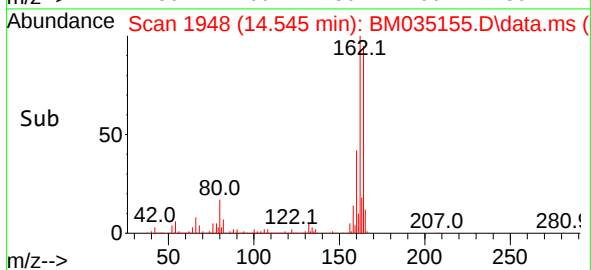
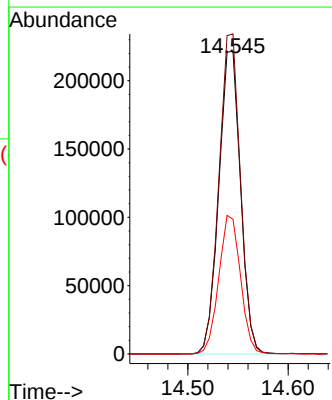
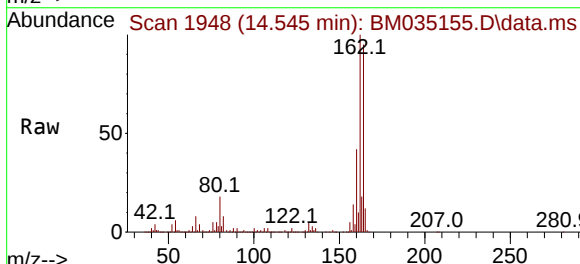
Instrument :
BNA_M
ClientSampleId :
P011-SS003-0612-01

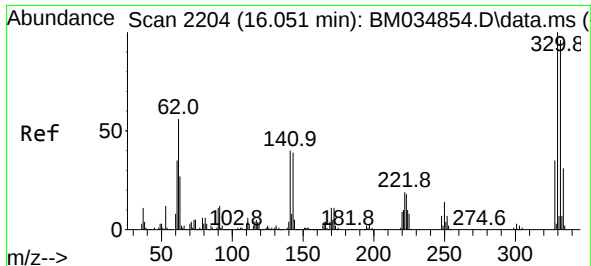
Tgt Ion: 82 Resp: 599047
Ion Ratio Lower Upper
82 100
128 42.2 33.7 50.5
54 54.0 43.2 64.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.545 min Scan# 1948
Delta R.T. -0.000 min
Lab File: BM035155.D
Acq: 19 May 2022 16:24

Tgt Ion: 164 Resp: 333108
Ion Ratio Lower Upper
164 100
162 105.7 83.0 124.6
160 44.5 37.0 55.4





#42

2,4,6-Tribromophenol

Concen: 93.274 ng

RT: 16.027 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM035155.D

Acq: 19 May 2022 16:24

Instrument :

BNA_M

ClientSampleId :

P011-SS003-0612-01

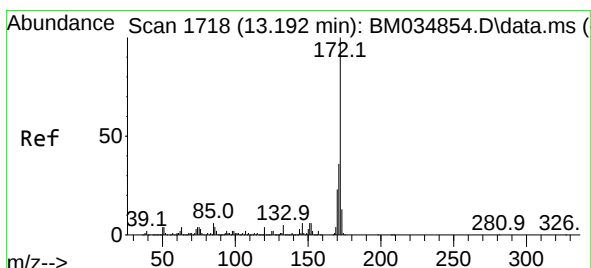
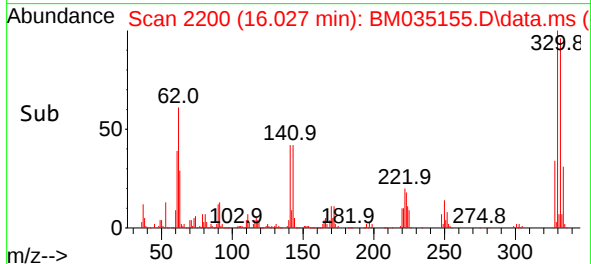
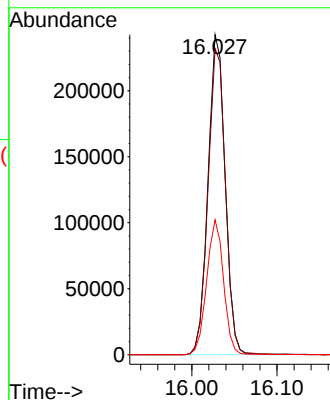
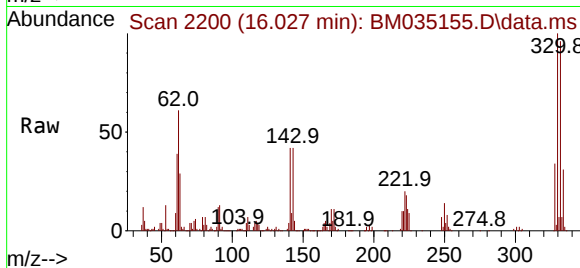
Tgt Ion:330 Resp: 337983

Ion Ratio Lower Upper

330 100

332 97.4 77.0 115.4

141 41.7 35.3 52.9



#45

2-Fluorobiphenyl

Concen: 55.036 ng

RT: 13.169 min Scan# 1714

Delta R.T. -0.000 min

Lab File: BM035155.D

Acq: 19 May 2022 16:24

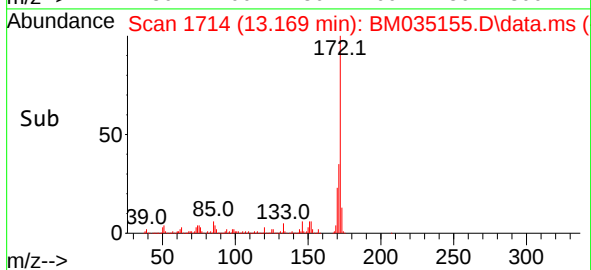
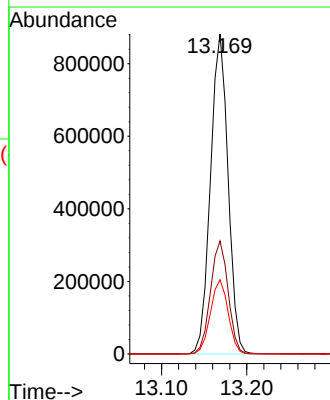
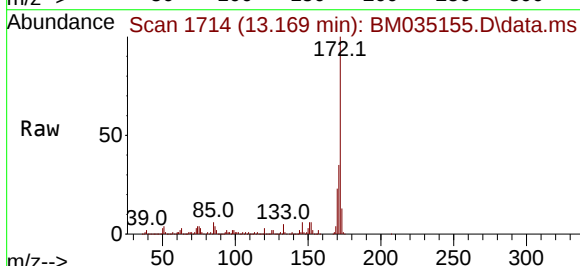
Tgt Ion:172 Resp: 1262881

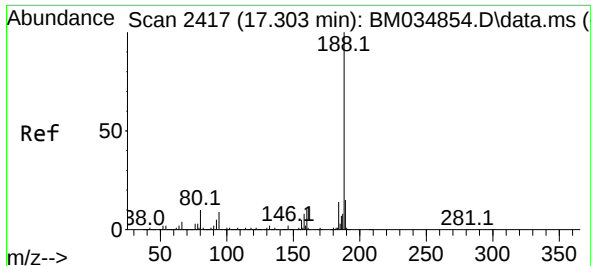
Ion Ratio Lower Upper

172 100

171 35.3 28.5 42.7

170 23.2 18.7 28.1

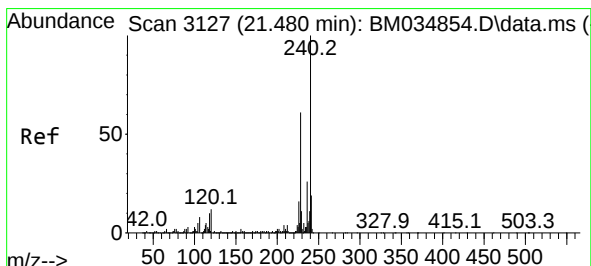
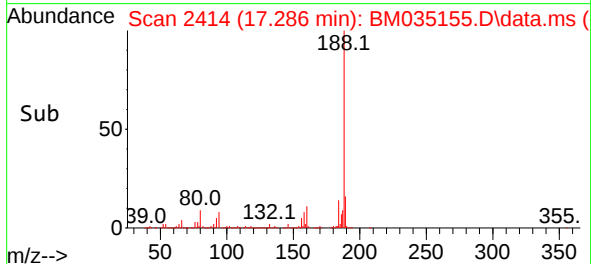
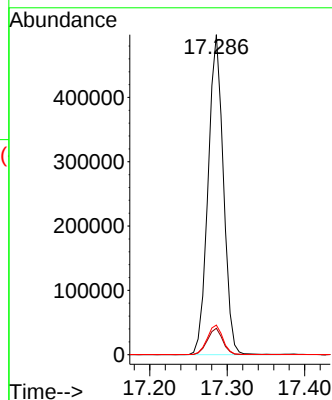
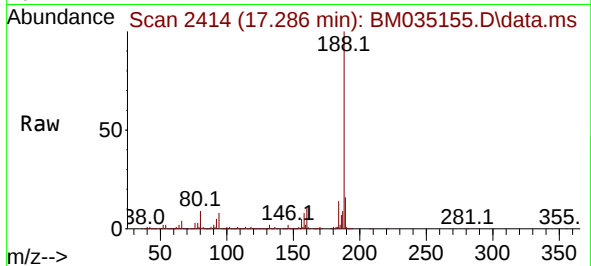




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.286 min Scan# 2417
Delta R.T. -0.000 min
Lab File: BM035155.D
Acq: 19 May 2022 16:24

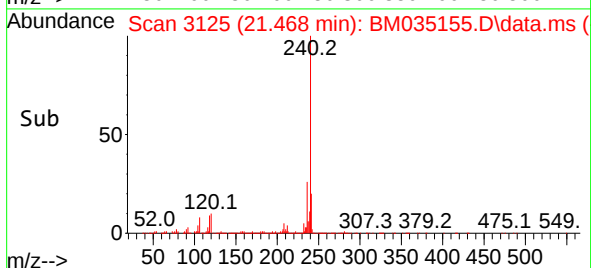
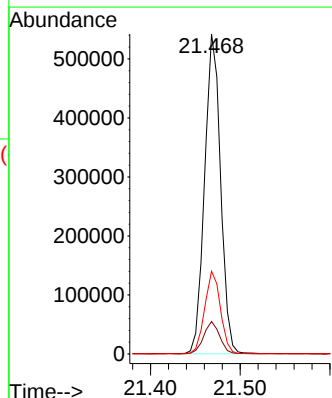
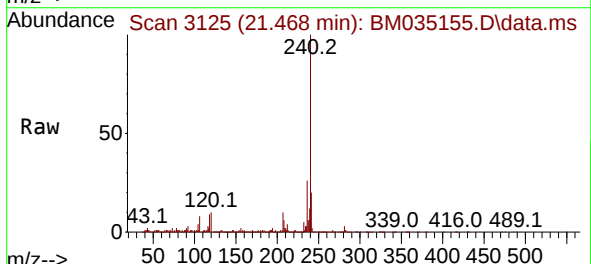
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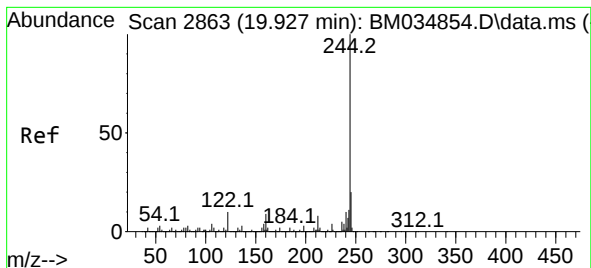
Tgt Ion:188 Resp: 680818
Ion Ratio Lower Upper
188 100
94 8.2 7.0 10.4
80 9.2 7.6 11.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.468 min Scan# 3125
Delta R.T. -0.006 min
Lab File: BM035155.D
Acq: 19 May 2022 16:24

Tgt Ion:240 Resp: 669232
Ion Ratio Lower Upper
240 100
120 10.1 9.4 14.0
236 25.9 20.6 30.8





#79

Terphenyl-d14

Concen: 54.110 ng

RT: 19.909 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM035155.D

Acq: 19 May 2022 16:24

Instrument :

BNA_M

ClientSampleId :

P011-SS003-0612-01

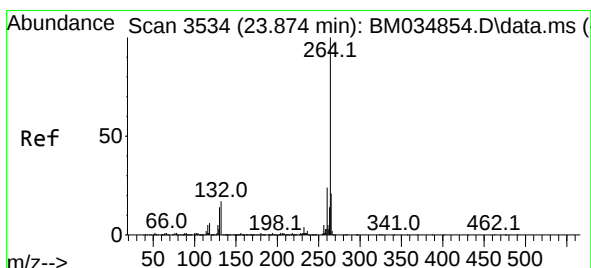
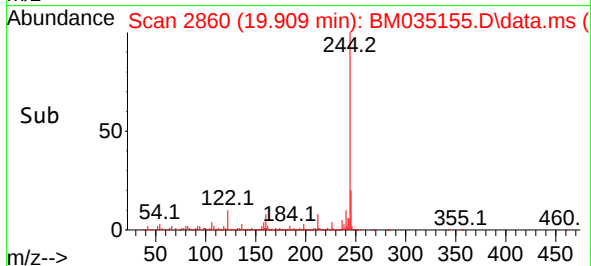
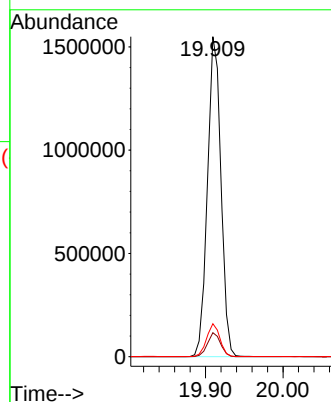
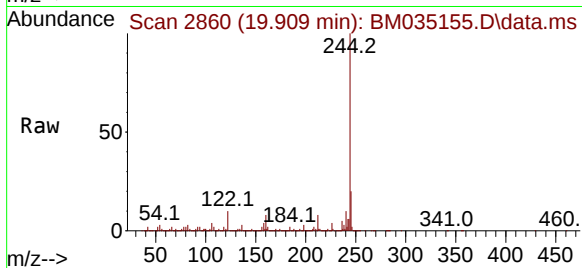
Tgt Ion:244 Resp: 1870266

Ion Ratio Lower Upper

244 100

212 7.5 6.2 9.4

122 10.3 8.3 12.5



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.856 min Scan# 3531

Delta R.T. -0.000 min

Lab File: BM035155.D

Acq: 19 May 2022 16:24

Tgt Ion:264 Resp: 732833

Ion Ratio Lower Upper

264 100

260 23.6 18.9 28.3

265 21.6 17.5 26.3

