

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060222\
 Data File : BM035369.D
 Acq On : 02 Jun 2022 19:13
 Operator : CG/JU
 Sample : N2986-07
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 P027-SS001-1824-01

Quant Time: Jun 03 01:43:17 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 02 16:16:23 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.851	152	128206	20.000	ng	0.00
21) Naphthalene-d8	10.651	136	481207	20.000	ng	# 0.00
39) Acenaphthene-d10	14.492	164	312078	20.000	ng	0.00
64) Phenanthrene-d10	17.239	188	698604	20.000	ng	# 0.00
76) Chrysene-d12	21.421	240	867960	20.000	ng	# 0.00
86) Perylene-d12	23.780	264	1033245	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	810183	132.791	ng	0.00
7) Phenol-d6	7.039	99	992803	119.126	ng	0.00
23) Nitrobenzene-d5	9.010	82	577065	76.145	ng	0.00
42) 2,4,6-Tribromophenol	15.986	330	581241	116.081	ng	0.00
45) 2-Fluorobiphenyl	13.116	172	1717240	79.032	ng	0.00
79) Terphenyl-d14	19.862	244	3209958	73.680	ng	0.00

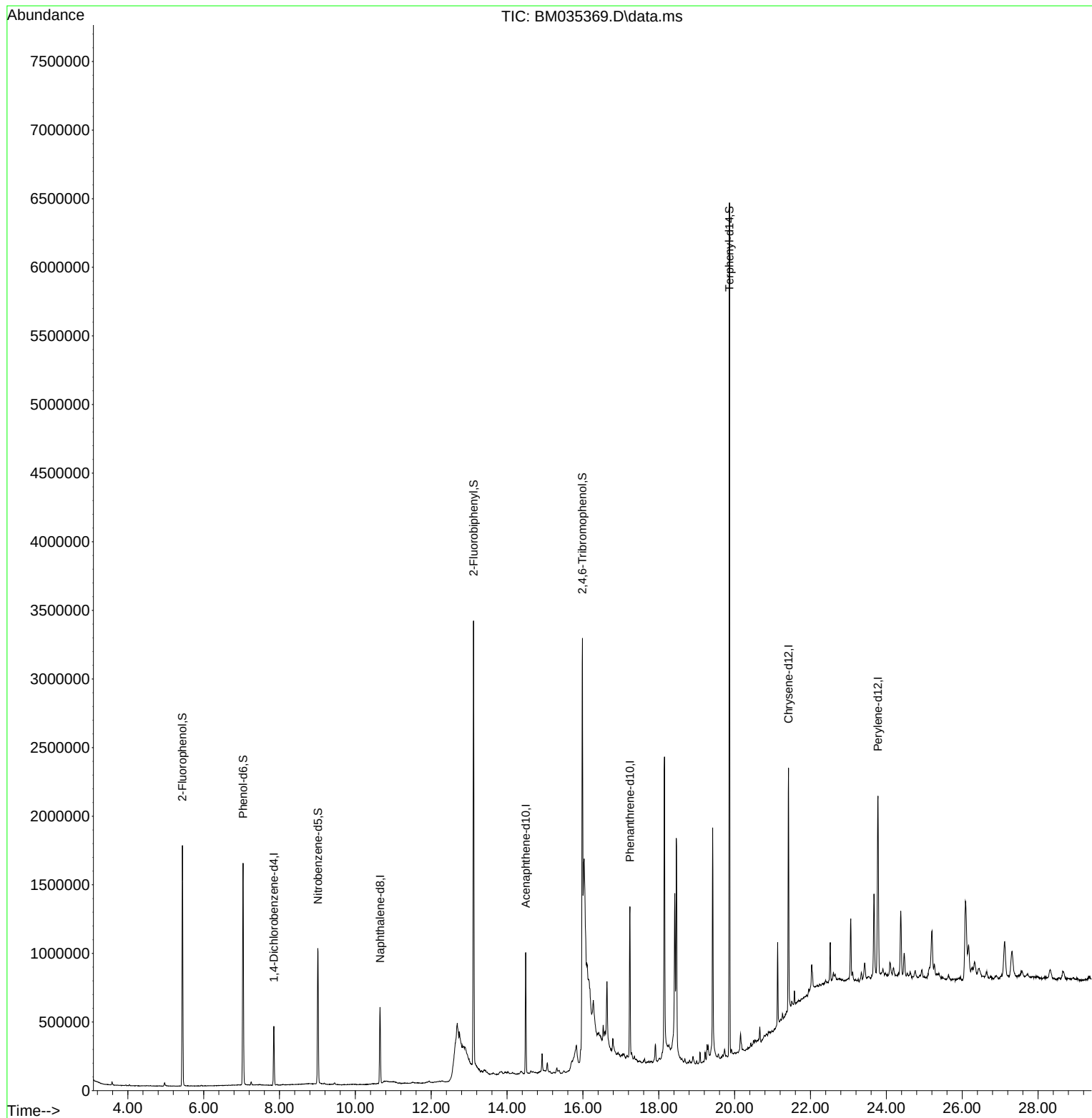
Target Compounds	Qvalue

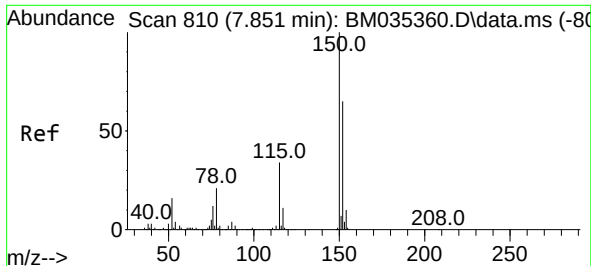
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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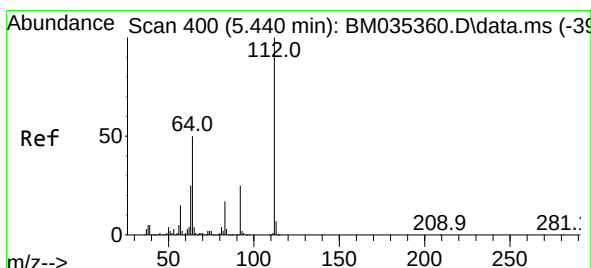
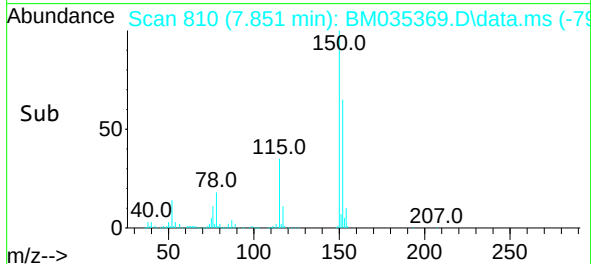
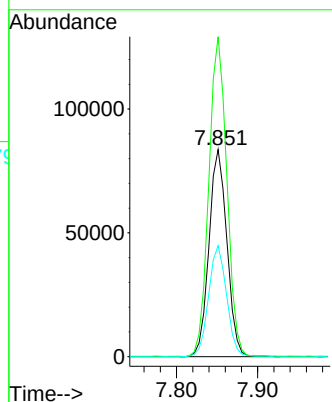
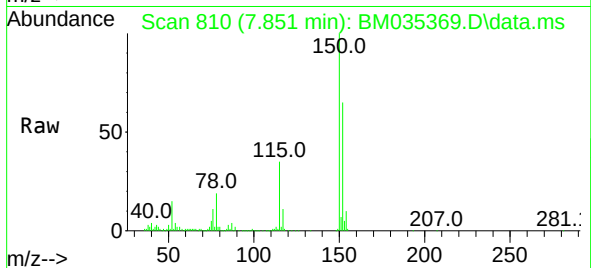




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.851 min Scan# 810
Delta R.T. 0.000 min
Lab File: BM035369.D
Acq: 02 Jun 2022 19:13

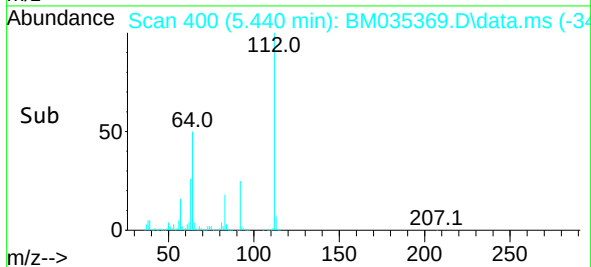
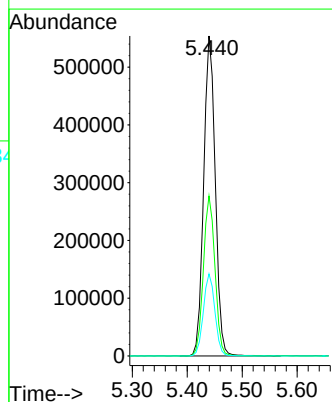
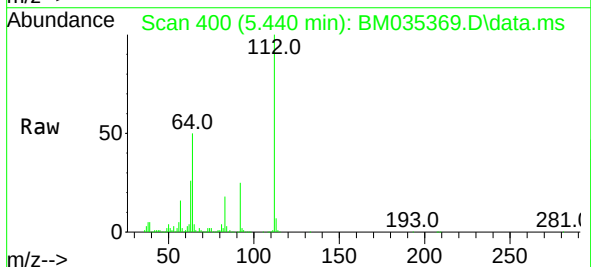
Instrument :
BNA_M
ClientSampleId :
P027-SS001-1824-01

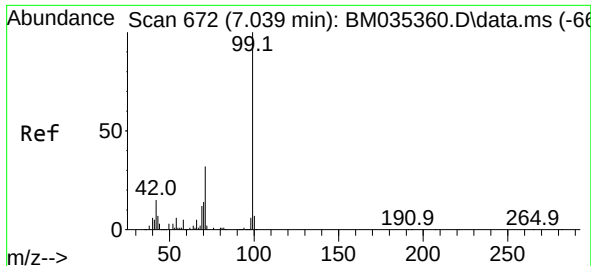
Tgt Ion:152 Resp: 128206
Ion Ratio Lower Upper
152 100
150 154.5 124.9 187.3
115 53.6 47.9 71.9



#5
2-Fluorophenol
Concen: 132.791 ng
RT: 5.440 min Scan# 400
Delta R.T. 0.000 min
Lab File: BM035369.D
Acq: 02 Jun 2022 19:13

Tgt Ion:112 Resp: 810183
Ion Ratio Lower Upper
112 100
64 50.0 47.8 71.6
63 25.6 26.6 40.0#

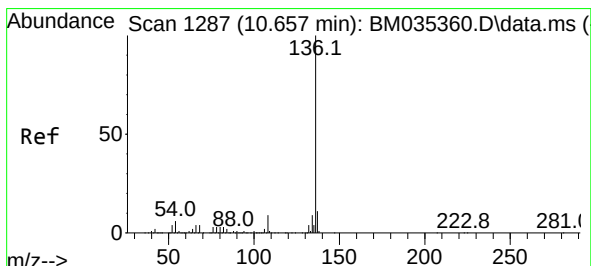
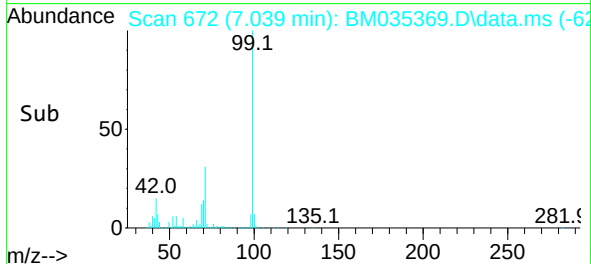
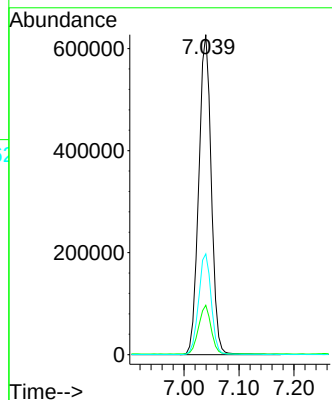
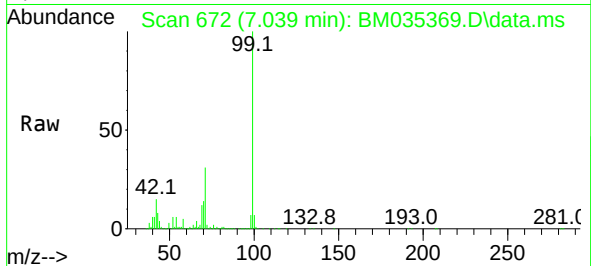




#7
Phenol-d6
Concen: 119.126 ng
RT: 7.039 min Scan# 61
Delta R.T. 0.000 min
Lab File: BM035369.D
Acq: 02 Jun 2022 19:13

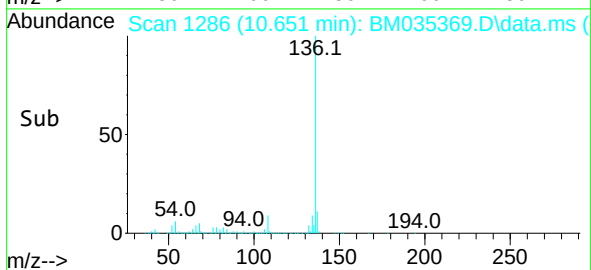
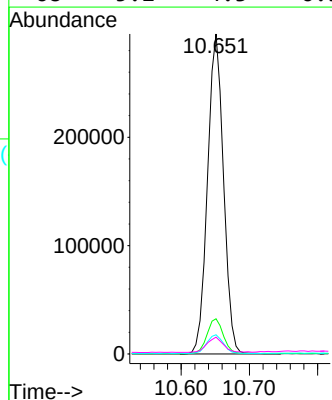
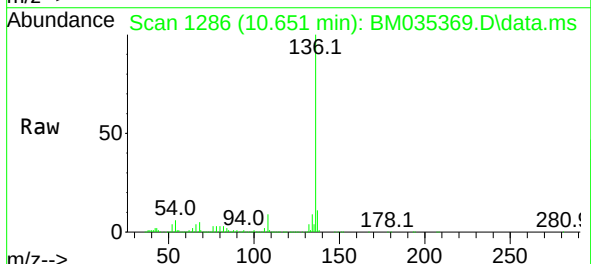
Instrument :
BNA_M
ClientSampleId :
P027-SS001-1824-01

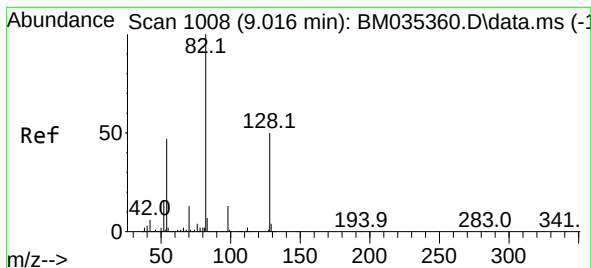
Tgt Ion: 99 Resp: 992803
Ion Ratio Lower Upper
99 100
42 15.5 18.8 28.2#
71 31.5 30.2 45.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.651 min Scan# 1286
Delta R.T. -0.006 min
Lab File: BM035369.D
Acq: 02 Jun 2022 19:13

Tgt Ion: 136 Resp: 481207
Ion Ratio Lower Upper
136 100
137 11.0 8.9 13.3
54 6.0 7.0 10.4#
68 5.2 4.3 6.5





#23

Nitrobenzene-d5

Concen: 76.145 ng

RT: 9.010 min Scan# 10

Delta R.T. -0.006 min

Lab File: BM035369.D

Acq: 02 Jun 2022 19:13

Instrument :

BNA_M

ClientSampleId :

P027-SS001-1824-01

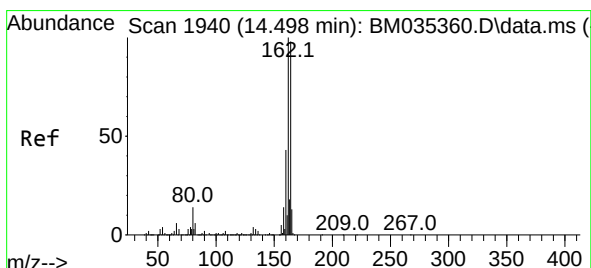
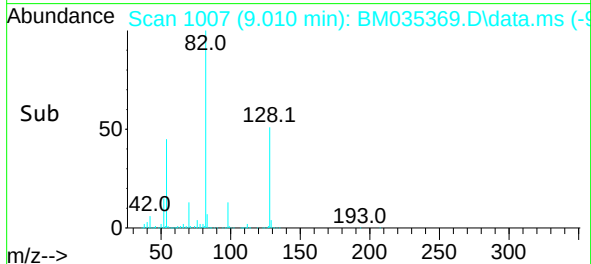
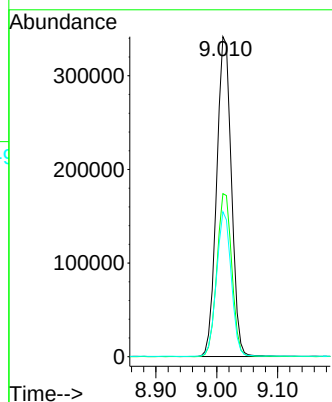
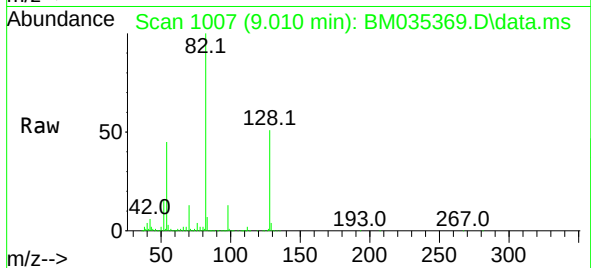
Tgt Ion: 82 Resp: 577065

Ion Ratio Lower Upper

82 100

128 51.0 33.7 50.5#

54 45.3 43.2 64.8



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.492 min Scan# 1939

Delta R.T. -0.006 min

Lab File: BM035369.D

Acq: 02 Jun 2022 19:13

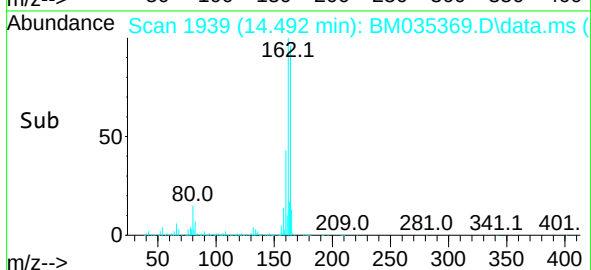
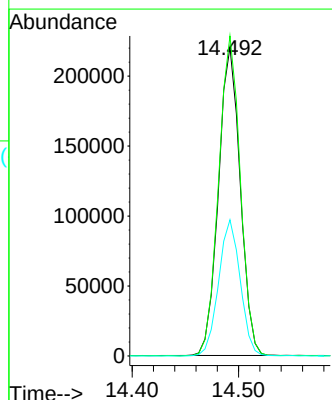
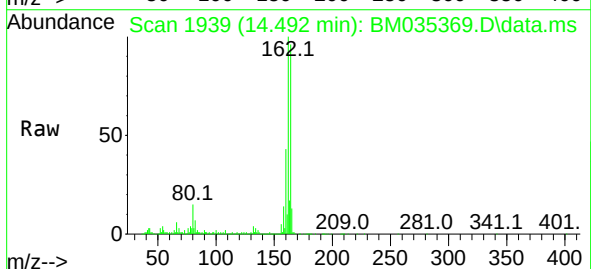
Tgt Ion:164 Resp: 312078

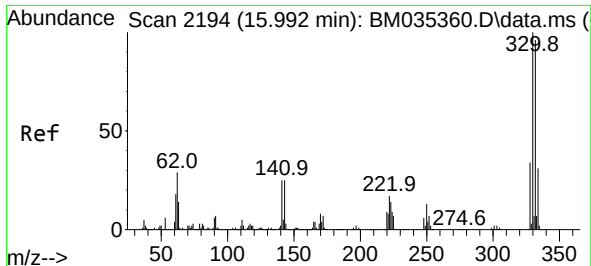
Ion Ratio Lower Upper

164 100

162 103.7 83.0 124.6

160 44.1 37.0 55.4

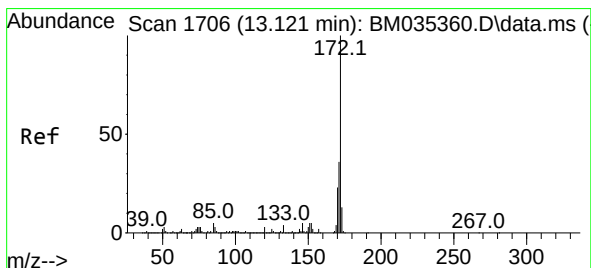
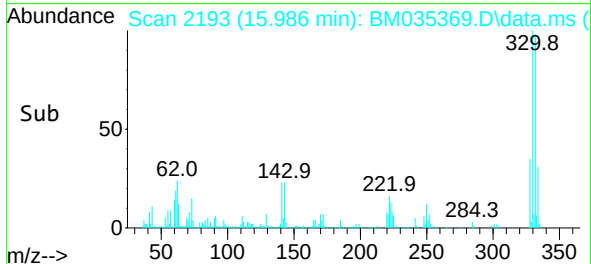
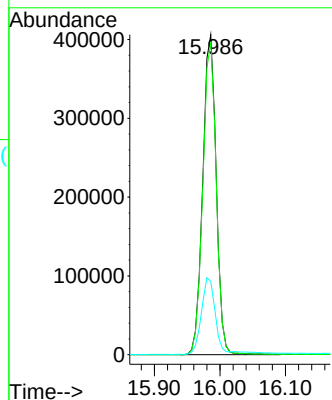
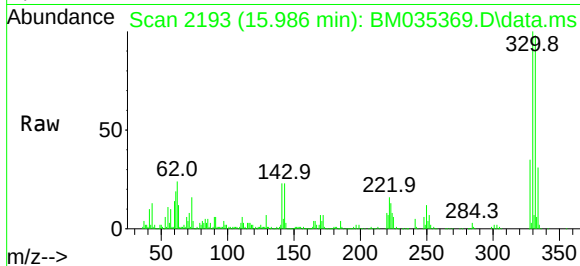




#42
2,4,6-Tribromophenol
Concen: 116.081 ng
RT: 15.986 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM035369.D
Acq: 02 Jun 2022 19:13

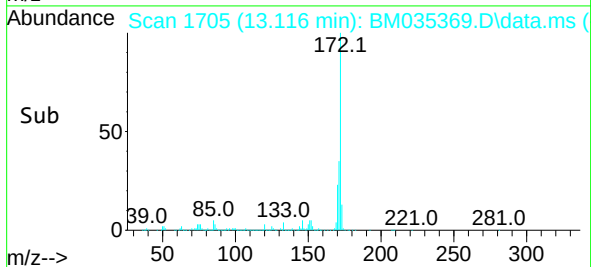
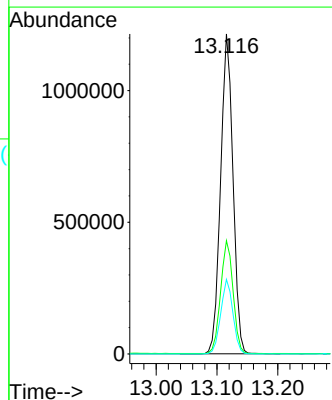
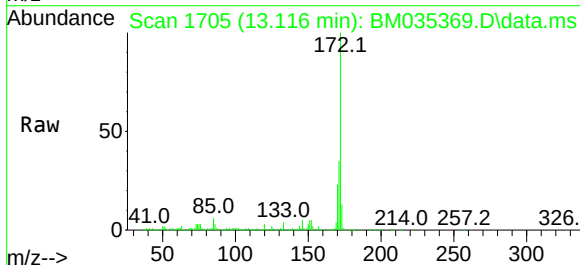
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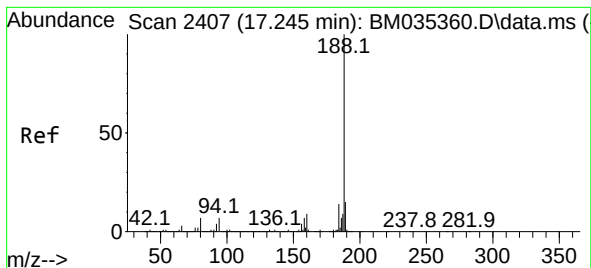
Tgt Ion:330 Resp: 581241
Ion Ratio Lower Upper
330 100
332 97.4 77.0 115.4
141 26.5 35.3 52.9#



#45
2-Fluorobiphenyl
Concen: 79.032 ng
RT: 13.116 min Scan# 1705
Delta R.T. -0.006 min
Lab File: BM035369.D
Acq: 02 Jun 2022 19:13

Tgt Ion:172 Resp: 1717240
Ion Ratio Lower Upper
172 100
171 35.4 28.5 42.7
170 23.3 18.7 28.1





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.239 min Scan# 2406

Delta R.T. -0.006 min

Lab File: BM035369.D

Acq: 02 Jun 2022 19:13

Instrument :

BNA_M

ClientSampleId :

P027-SS001-1824-01

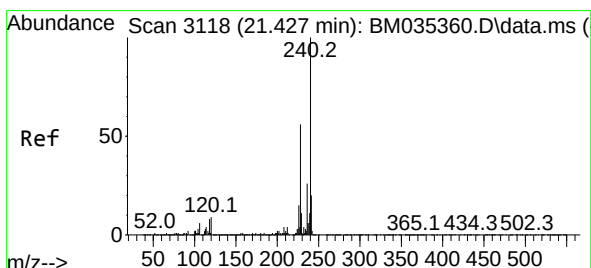
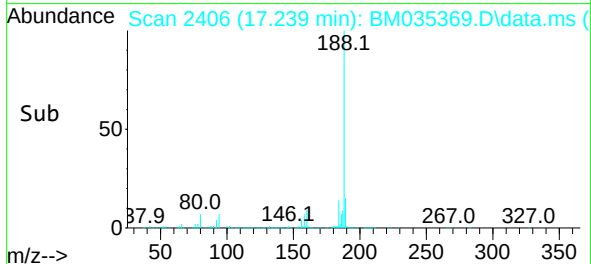
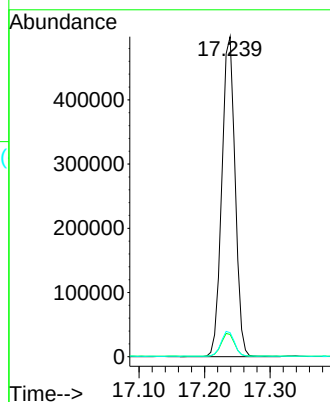
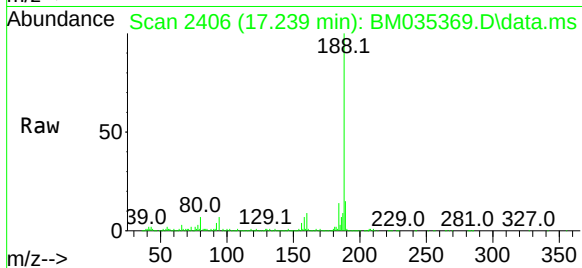
Tgt Ion:188 Resp: 698604

Ion Ratio Lower Upper

188 100

94 7.0 7.0 10.4

80 7.5 7.6 11.4#



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.421 min Scan# 3117

Delta R.T. -0.006 min

Lab File: BM035369.D

Acq: 02 Jun 2022 19:13

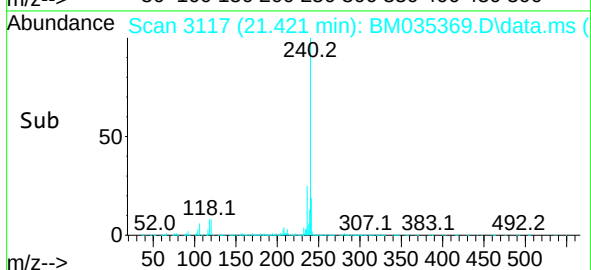
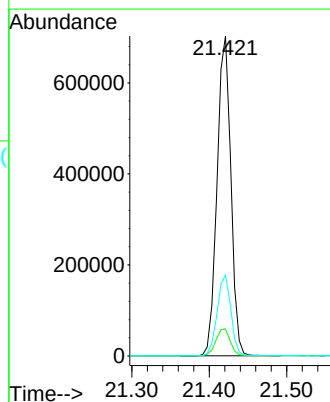
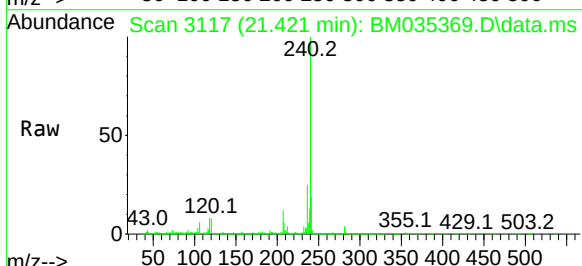
Tgt Ion:240 Resp: 867960

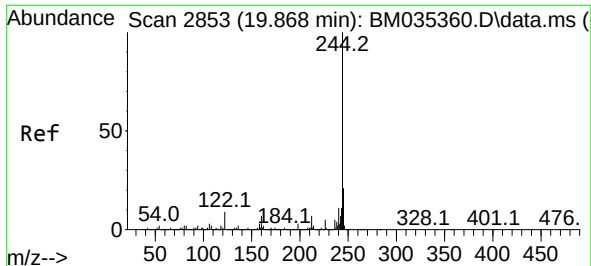
Ion Ratio Lower Upper

240 100

120 8.5 9.4 14.0#

236 25.3 20.6 30.8

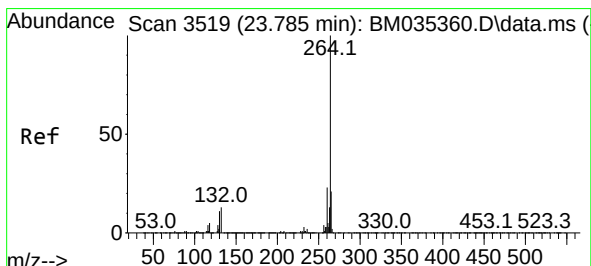
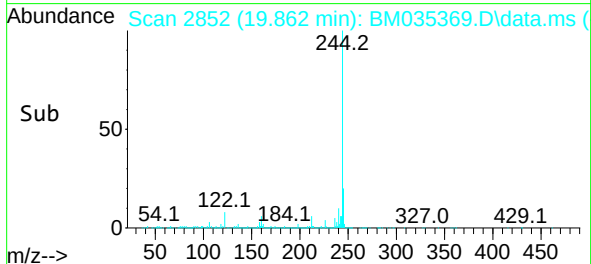
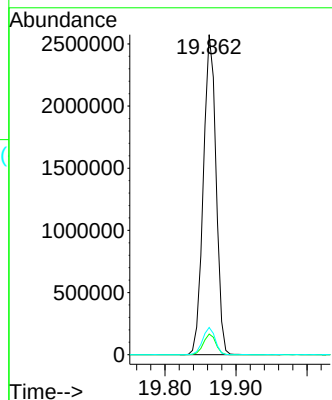
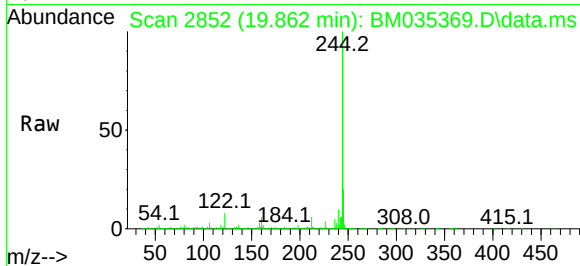




#79
 Terphenyl-d14
 Concen: 73.680 ng
 RT: 19.862 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BM035369.D
 Acq: 02 Jun 2022 19:13

Instrument :
 BNA_M
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 P027-SS001-1824-01

Tgt Ion:244 Resp: 3209958
 Ion Ratio Lower Upper
 244 100
 212 6.5 6.2 9.4
 122 8.5 8.3 12.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.780 min Scan# 3518
 Delta R.T. -0.006 min
 Lab File: BM035369.D
 Acq: 02 Jun 2022 19:13

Tgt Ion:264 Resp: 1033245
 Ion Ratio Lower Upper
 264 100
 260 23.6 18.9 28.3
 265 22.5 17.5 26.3

