

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060222\
 Data File : BM035381.D
 Acq On : 03 Jun 2022 02:36
 Operator : CG/JU
 Sample : N2986-14
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 P027-SS003-0006-01

Quant Time: Jun 03 04:12:45 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)

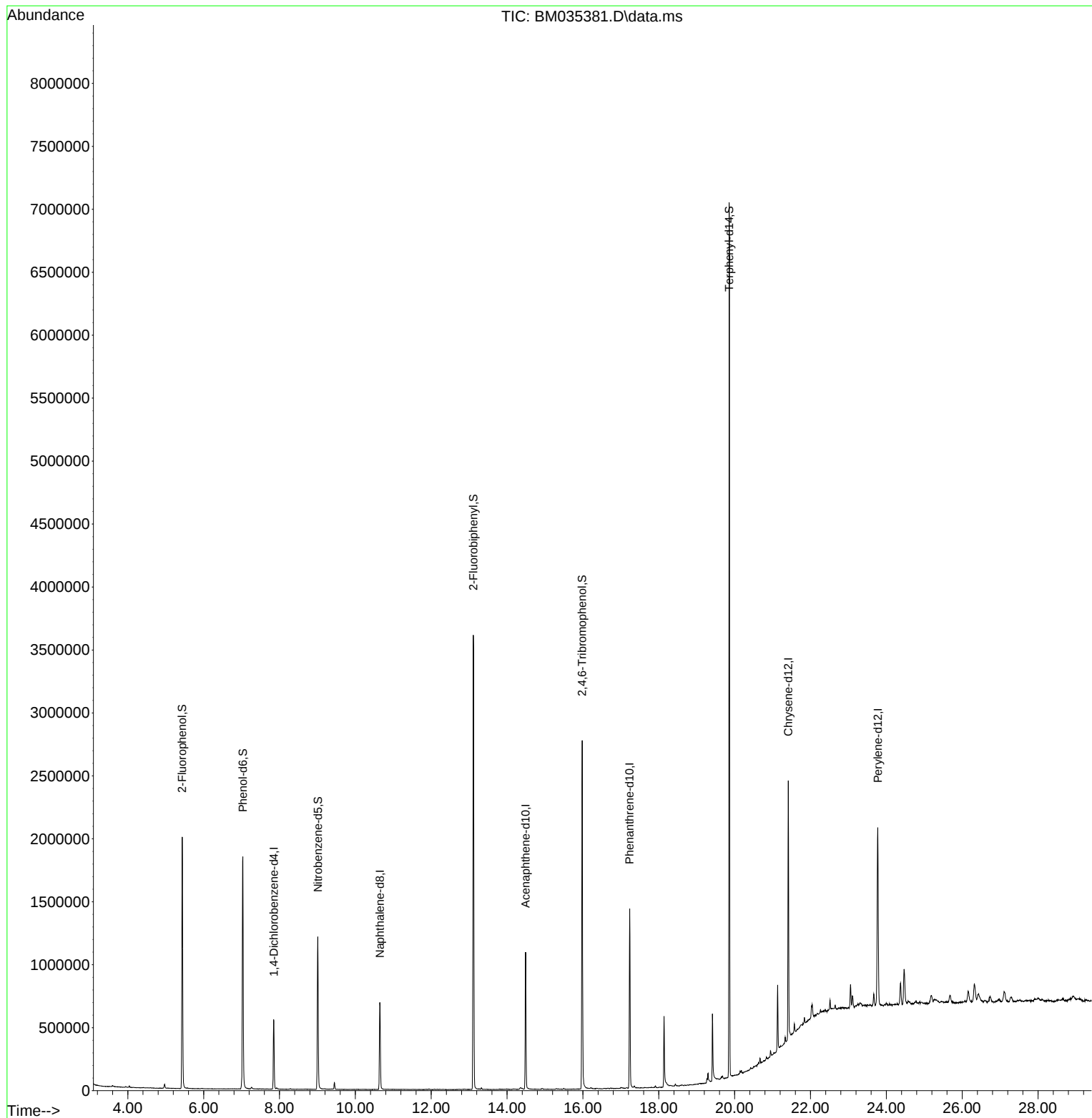
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.851	152	170076	20.000	ng	0.00
21) Naphthalene-d8	10.645	136	626526	20.000	ng	#-0.01
39) Acenaphthene-d10	14.486	164	410655	20.000	ng	-0.01
64) Phenanthrene-d10	17.233	188	897777	20.000	ng	-0.01
76) Chrysene-d12	21.415	240	1010218	20.000	ng	#-0.01
86) Perylene-d12	23.774	264	1095880	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	908790	112.283	ng	0.00
7) Phenol-d6	7.034	99	1136942	102.837	ng	0.00
23) Nitrobenzene-d5	9.010	82	694161	70.351	ng	0.00
42) 2,4,6-Tribromophenol	15.980	330	583536	88.564	ng	-0.01
45) 2-Fluorobiphenyl	13.110	172	1984255	69.400	ng	-0.01
79) Terphenyl-d14	19.856	244	3497163	68.968	ng	-0.01
Target Compounds						
9) Benzaldehyde	7.028	77	2763	Below Cal	Qvalue #	10

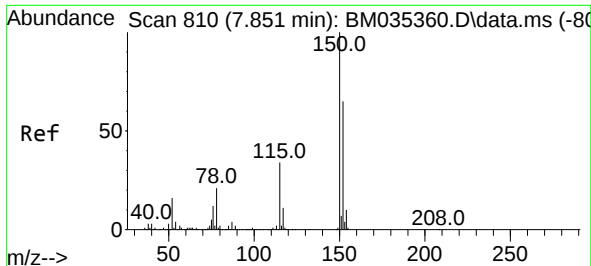
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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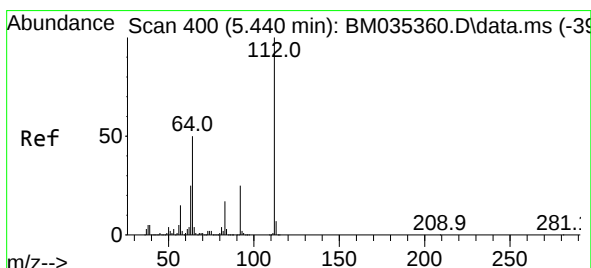
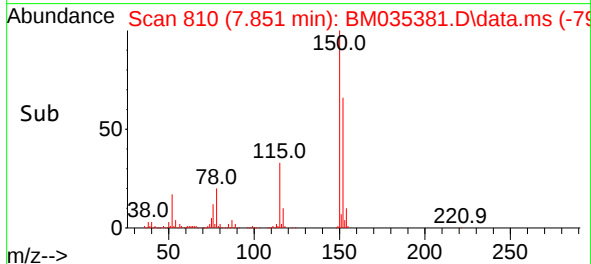
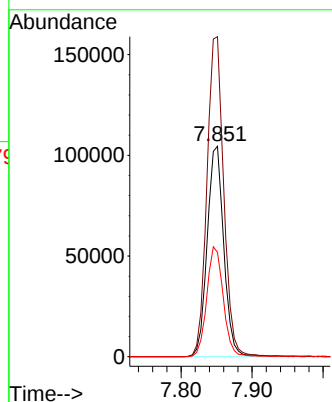
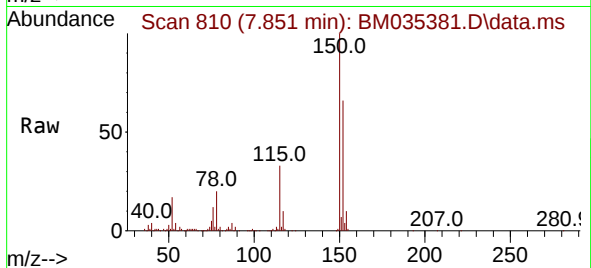




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.851 min Scan# 810
Delta R.T. 0.000 min
Lab File: BM035381.D
Acq: 03 Jun 2022 02:36

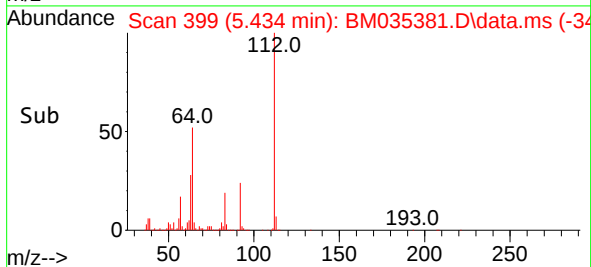
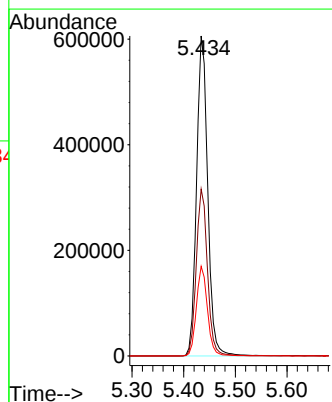
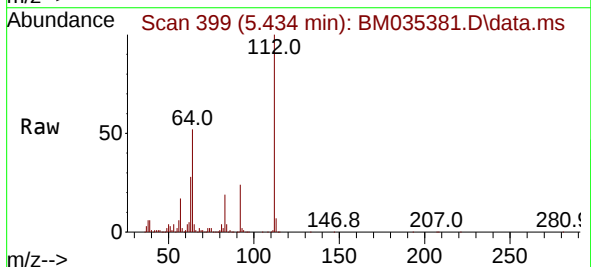
Instrument :
BNA_M
ClientSampleId :
P027-SS003-0006-01

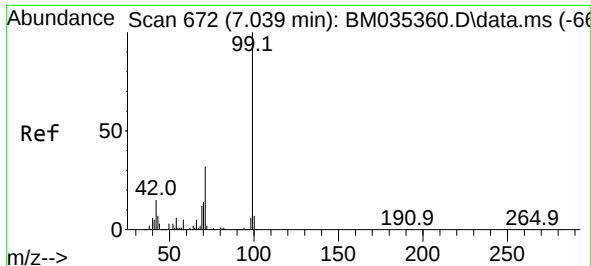
Tgt Ion:152 Resp: 170076
Ion Ratio Lower Upper
152 100
150 152.0 124.9 187.3
115 49.5 47.9 71.9



#5
2-Fluorophenol
Concen: 112.283 ng
RT: 5.434 min Scan# 399
Delta R.T. -0.006 min
Lab File: BM035381.D
Acq: 03 Jun 2022 02:36

Tgt Ion:112 Resp: 908790
Ion Ratio Lower Upper
112 100
64 52.2 47.8 71.6
63 28.0 26.6 40.0

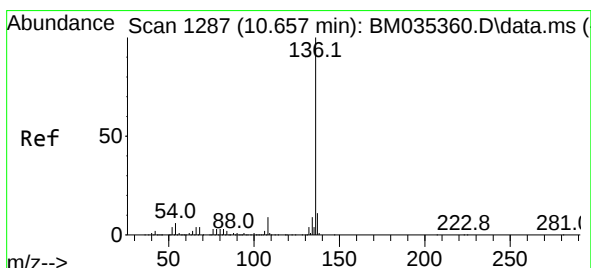
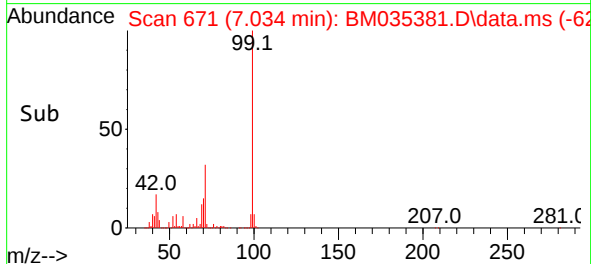
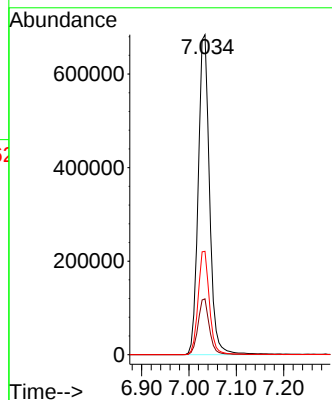
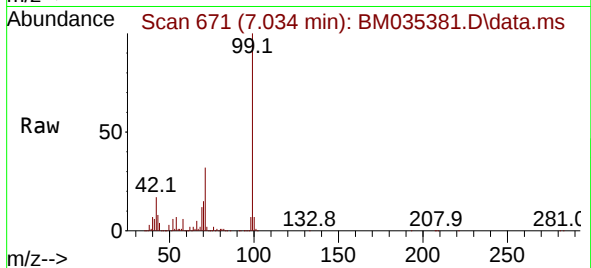




#7
Phenol-d6
Concen: 102.837 ng
RT: 7.034 min Scan# 61
Delta R.T. -0.006 min
Lab File: BM035381.D
Acq: 03 Jun 2022 02:36

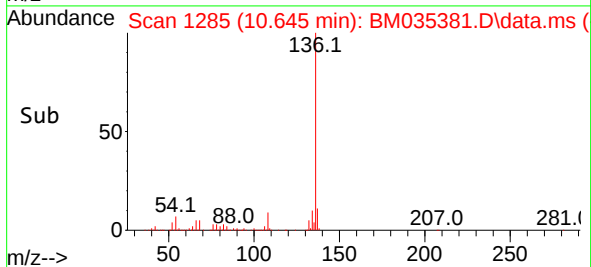
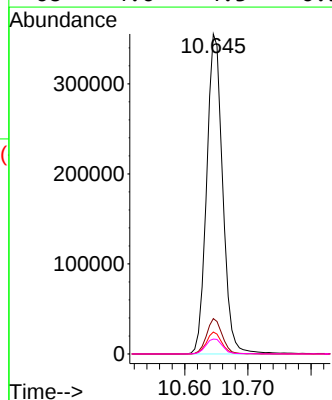
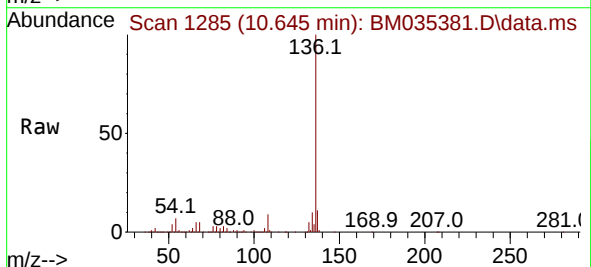
Instrument :
BNA_M
ClientSampleId :
P027-SS003-0006-01

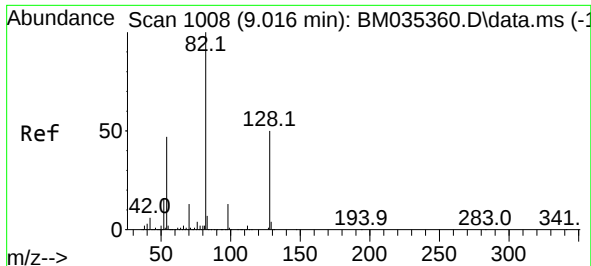
Tgt Ion: 99 Resp: 1136942
Ion Ratio Lower Upper
99 100
42 17.4 18.8 28.2#
71 32.3 30.2 45.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.645 min Scan# 1285
Delta R.T. -0.012 min
Lab File: BM035381.D
Acq: 03 Jun 2022 02:36

Tgt Ion: 136 Resp: 626526
Ion Ratio Lower Upper
136 100
137 11.0 8.9 13.3
54 6.8 7.0 10.4#
68 4.6 4.3 6.5

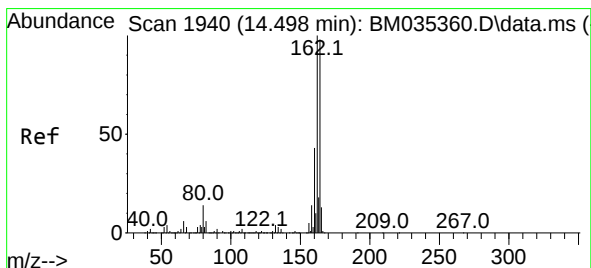
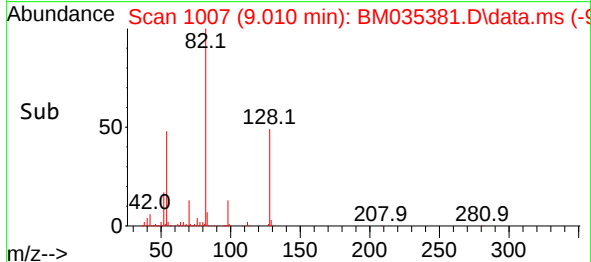
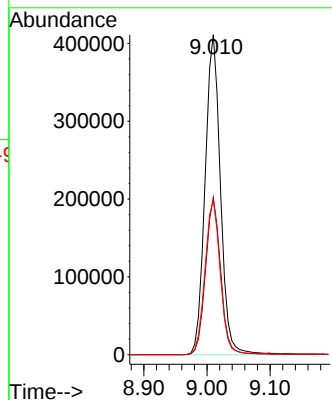
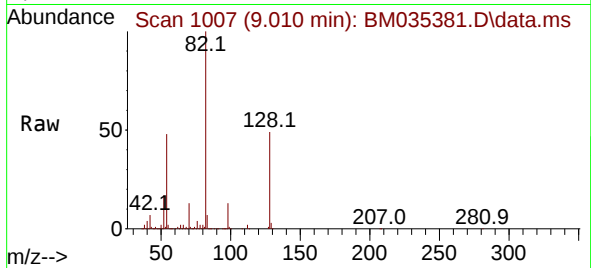




#23
Nitrobenzene-d5
Concen: 70.351 ng
RT: 9.010 min Scan# 1007
Delta R.T. -0.006 min
Lab File: BM035381.D
Acq: 03 Jun 2022 02:36

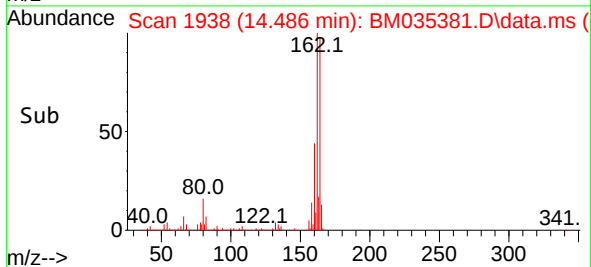
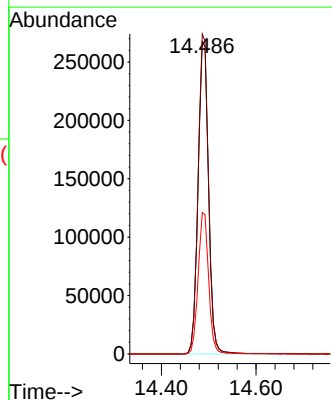
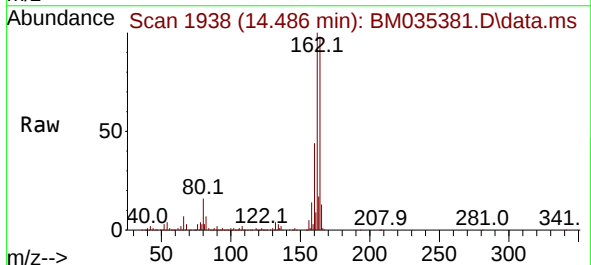
Instrument :
BNA_M
ClientSampleId :
P027-SS003-0006-01

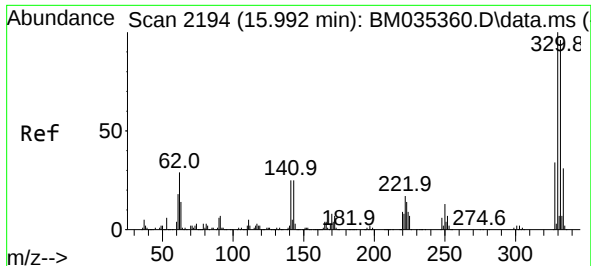
Tgt Ion: 82 Resp: 694161
Ion Ratio Lower Upper
82 100
128 49.2 33.7 50.5
54 48.3 43.2 64.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.486 min Scan# 1938
Delta R.T. -0.012 min
Lab File: BM035381.D
Acq: 03 Jun 2022 02:36

Tgt Ion:164 Resp: 410655
Ion Ratio Lower Upper
164 100
162 102.5 83.0 124.6
160 45.3 37.0 55.4





#42

2,4,6-Tribromophenol

Concen: 88.564 ng

RT: 15.980 min Scan# 21

Delta R.T. -0.012 min

Lab File: BM035381.D

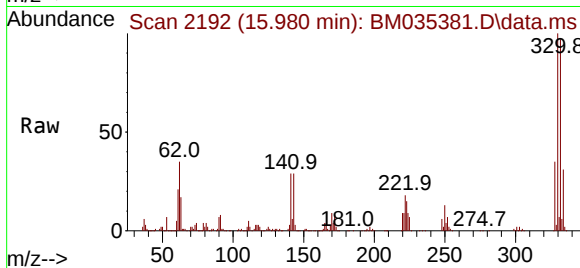
Acq: 03 Jun 2022 02:36

Instrument :

BNA_M

ClientSampleId :

P027-SS003-0006-01



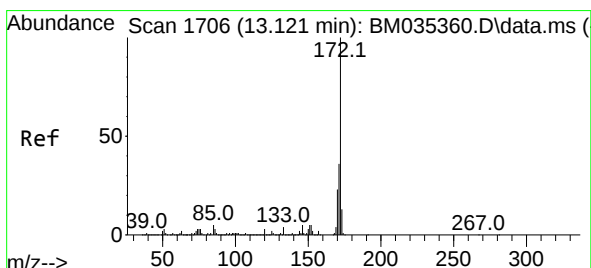
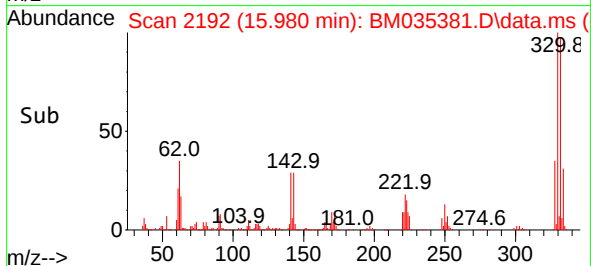
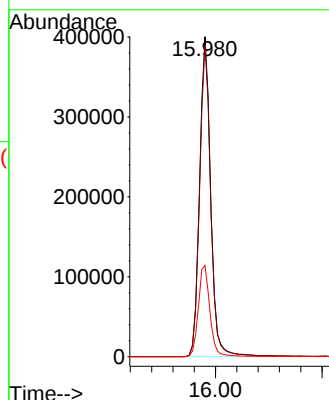
Tgt Ion:330 Resp: 583536

Ion Ratio Lower Upper

330 100

332 97.0 77.0 115.4

141 29.7 35.3 52.9#



#45

2-Fluorobiphenyl

Concen: 69.400 ng

RT: 13.110 min Scan# 1704

Delta R.T. -0.012 min

Lab File: BM035381.D

Acq: 03 Jun 2022 02:36

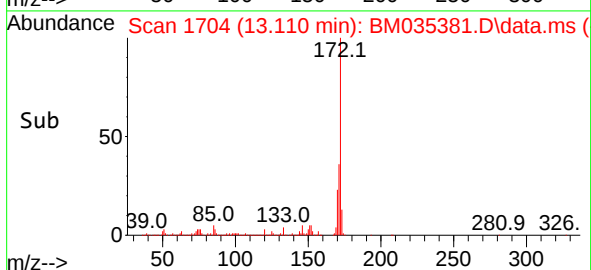
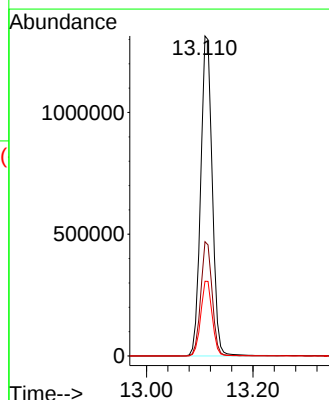
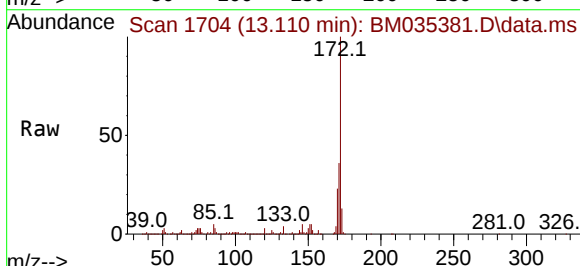
Tgt Ion:172 Resp: 1984255

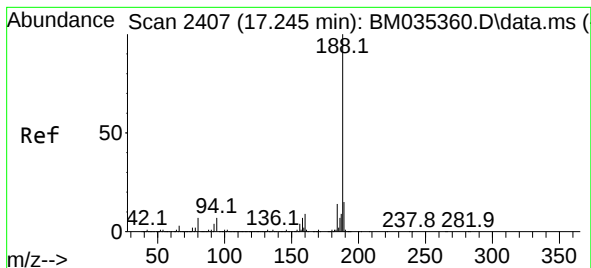
Ion Ratio Lower Upper

172 100

171 35.7 28.5 42.7

170 23.3 18.7 28.1





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.233 min Scan# 2405

Delta R.T. -0.012 min

Lab File: BM035381.D

Acq: 03 Jun 2022 02:36

Instrument :

BNA_M

ClientSampleId :

P027-SS003-0006-01

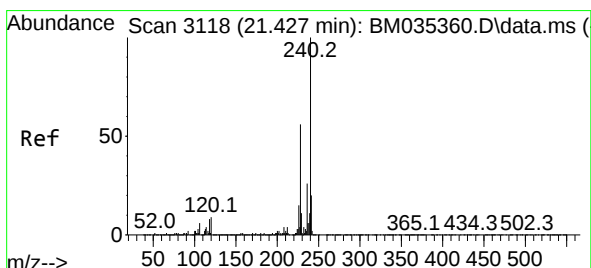
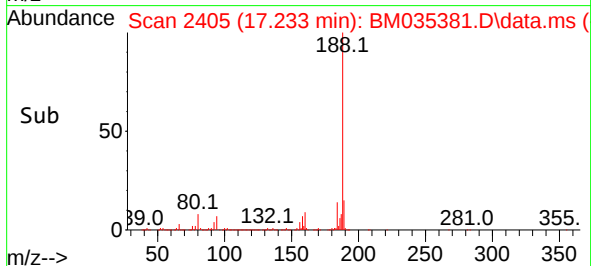
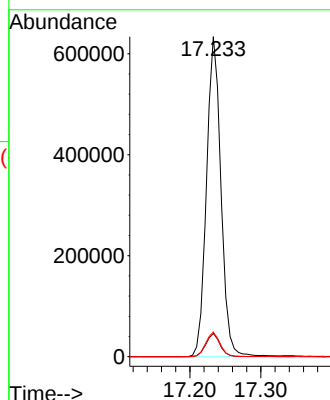
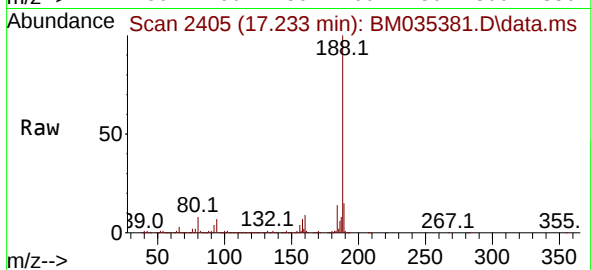
Tgt Ion:188 Resp: 897777

Ion Ratio Lower Upper

188 100

94 7.3 7.0 10.4

80 7.7 7.6 11.4



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.415 min Scan# 3116

Delta R.T. -0.012 min

Lab File: BM035381.D

Acq: 03 Jun 2022 02:36

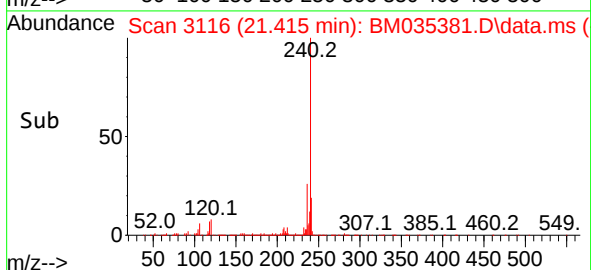
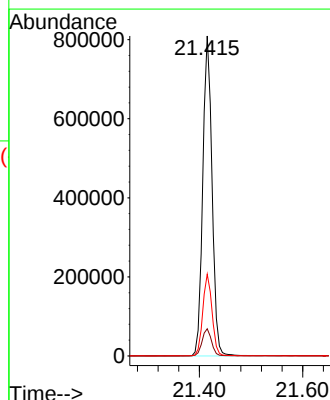
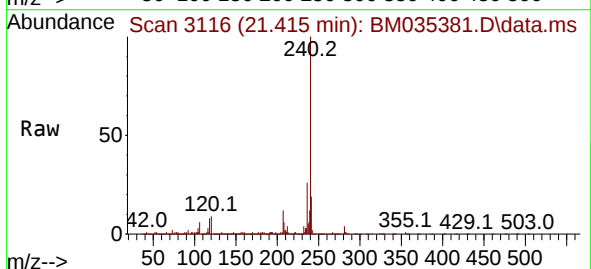
Tgt Ion:240 Resp: 1010218

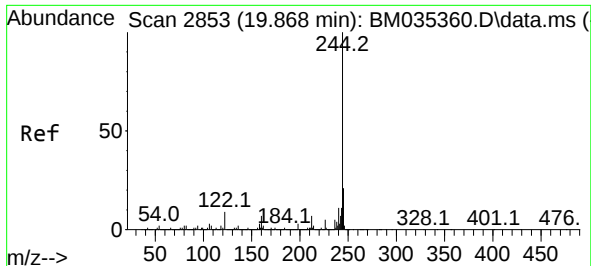
Ion Ratio Lower Upper

240 100

120 8.5 9.4 14.0#

236 25.5 20.6 30.8

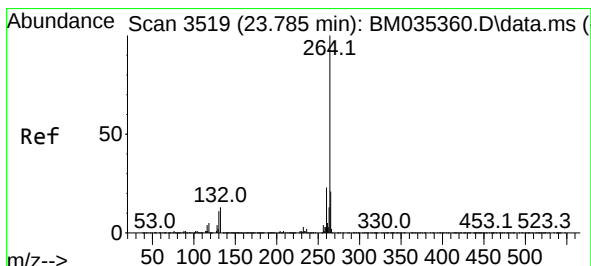
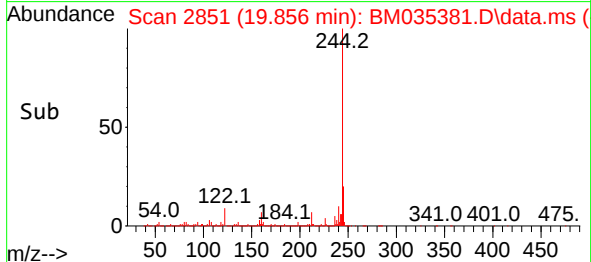
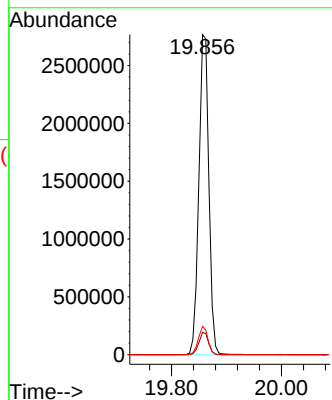
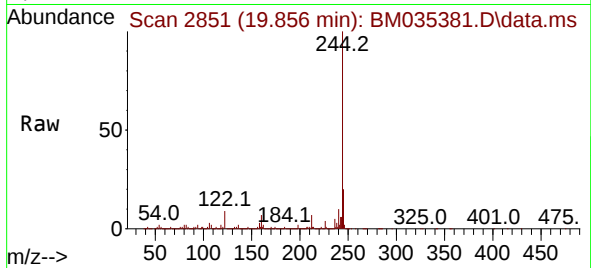




#79
 Terphenyl-d14
 Concen: 68.968 ng
 RT: 19.856 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: BM035381.D
 Acq: 03 Jun 2022 02:36

Instrument :
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 P027-SS003-0006-01

Tgt Ion:244 Resp: 3497163
 Ion Ratio Lower Upper
 244 100
 212 7.0 6.2 9.4
 122 8.9 8.3 12.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.774 min Scan# 3517
 Delta R.T. -0.012 min
 Lab File: BM035381.D
 Acq: 03 Jun 2022 02:36

Tgt Ion:264 Resp: 1095880
 Ion Ratio Lower Upper
 264 100
 260 23.7 18.9 28.3
 265 22.1 17.5 26.3

