

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060222\
 Data File : BM035383.D
 Acq On : 03 Jun 2022 03:50
 Operator : CG/JU
 Sample : N2988-09
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 P015-SS003-0006-01

Quant Time: Jun 03 04:38:45 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)

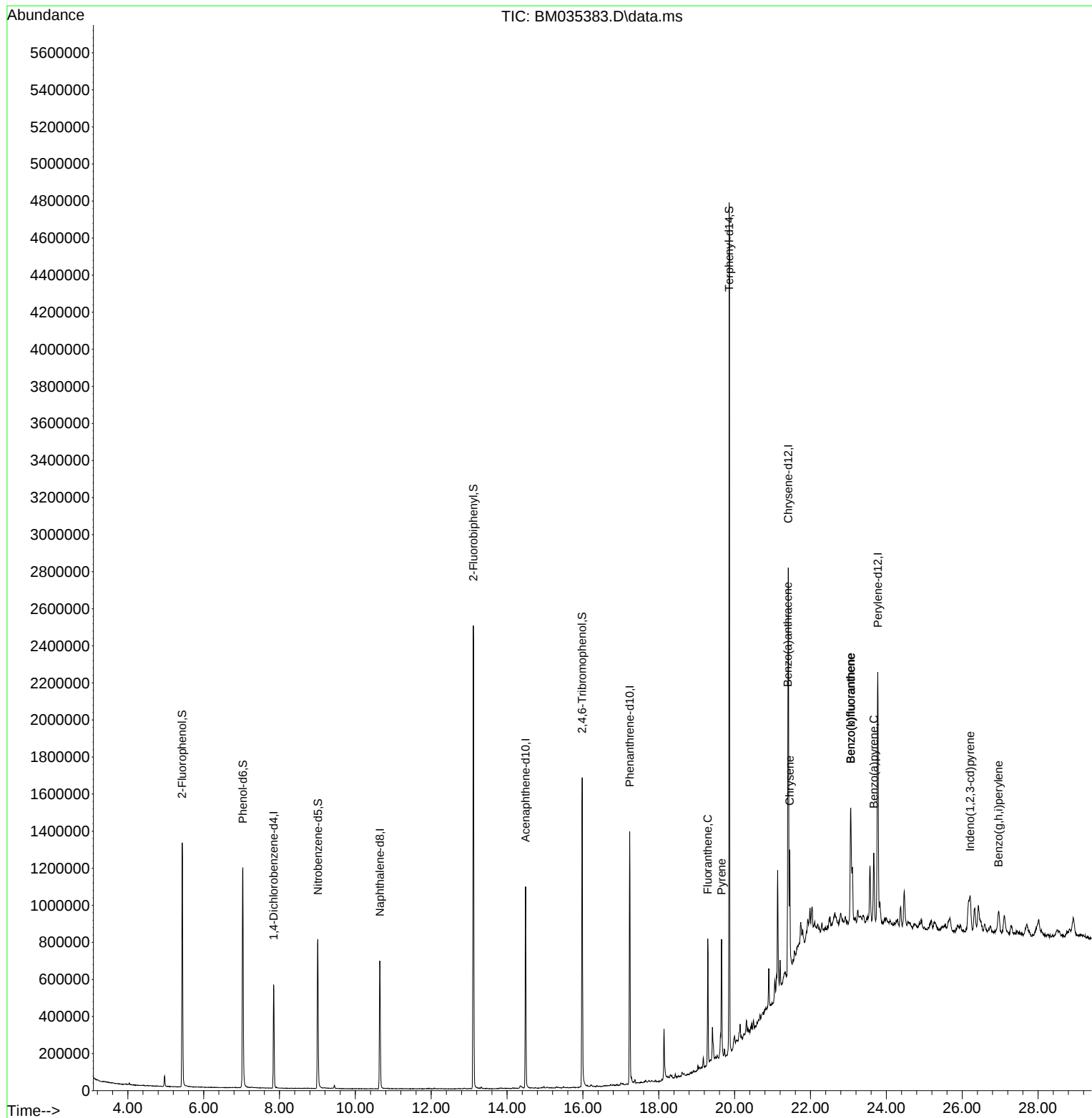
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.845	152	169810	20.000	ng	0.00
21) Naphthalene-d8	10.645	136	611350	20.000	ng	#-0.01
39) Acenaphthene-d10	14.486	164	393675	20.000	ng	-0.01
64) Phenanthrene-d10	17.233	188	848506	20.000	ng	-0.01
76) Chrysene-d12	21.415	240	945864	20.000	ng	#-0.01
86) Perylene-d12	23.774	264	1049997	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	619758	76.692	ng	0.00
7) Phenol-d6	7.034	99	767531	69.532	ng	0.00
23) Nitrobenzene-d5	9.010	82	481806	50.042	ng	0.00
42) 2,4,6-Tribromophenol	15.980	330	371323	58.787	ng	-0.01
45) 2-Fluorobiphenyl	13.110	172	1383791	50.486	ng	-0.01
79) Terphenyl-d14	19.856	244	2338193	49.249	ng	-0.01
Target Compounds						
						Qvalue
9) Benzaldehyde	7.034	77	1397	Below Cal	#	12
75) Fluoranthene	19.292	202	415051	8.006	ng	98
78) Pyrene	19.656	202	408312	7.119	ng	99
81) Benzo(a)anthracene	21.403	228	402480	6.931	ng	99
83) Chrysene	21.450	228	342571	6.178	ng	98
87) Indeno(1,2,3-cd)pyrene	26.209	276	184649	2.651	ng	# 92
88) Benzo(b)fluoranthene	23.062	252	524226	8.668	ng	99
89) Benzo(k)fluoranthene	23.062	252	524226	8.471	ng	98
90) Benzo(a)pyrene	23.668	252	282651	5.489	ng	98
92) Benzo(g,h,i)perylene	26.962	276	166798	2.975	ng	94

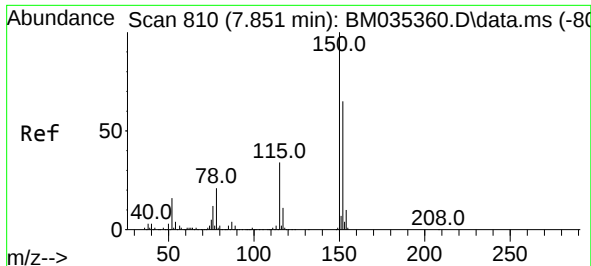
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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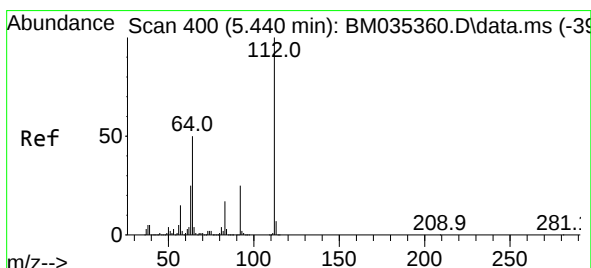
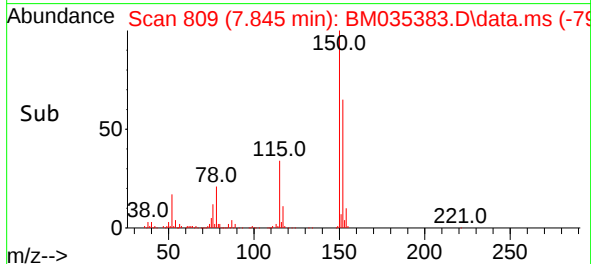
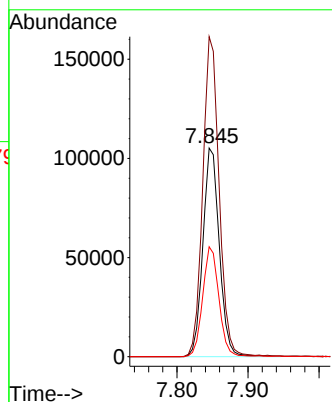
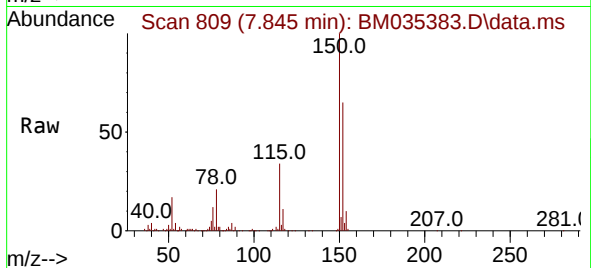




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.845 min Scan# 810
Delta R.T. -0.006 min
Lab File: BM035383.D
Acq: 03 Jun 2022 03:50

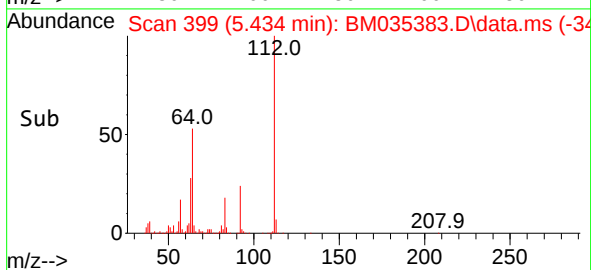
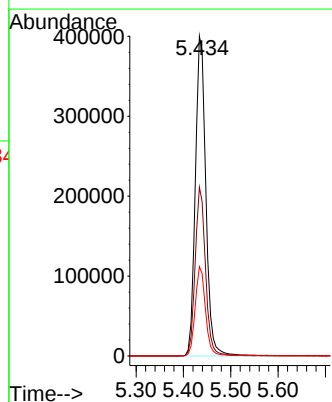
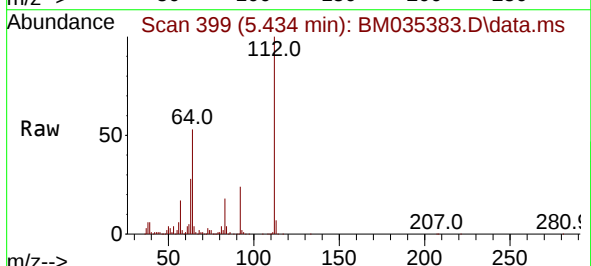
Instrument :
BNA_M
ClientSampleId :
P015-SS003-0006-01

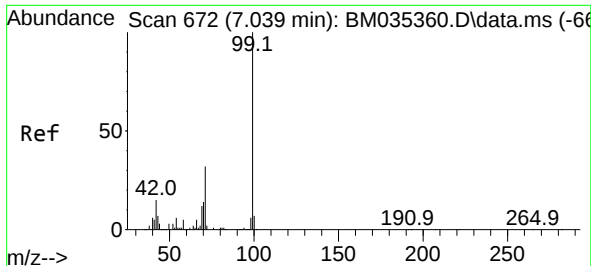
Tgt Ion:152 Resp: 169810
Ion Ratio Lower Upper
152 100
150 153.3 124.9 187.3
115 52.7 47.9 71.9



#5
2-Fluorophenol
Concen: 76.692 ng
RT: 5.434 min Scan# 399
Delta R.T. -0.006 min
Lab File: BM035383.D
Acq: 03 Jun 2022 03:50

Tgt Ion:112 Resp: 619758
Ion Ratio Lower Upper
112 100
64 52.8 47.8 71.6
63 27.9 26.6 40.0

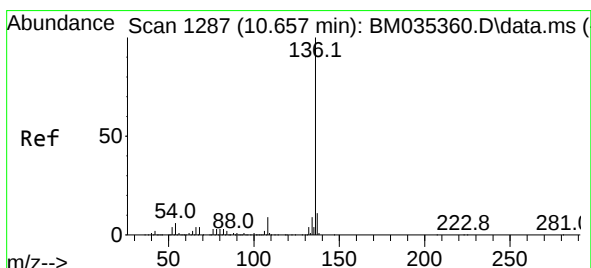
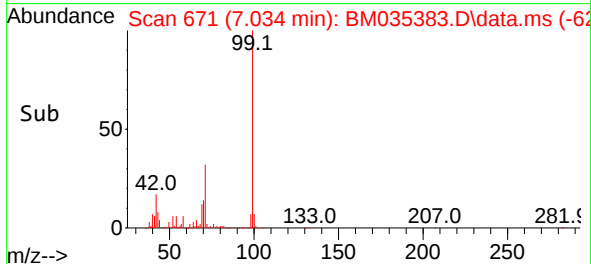
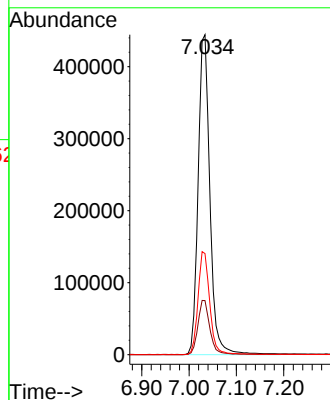
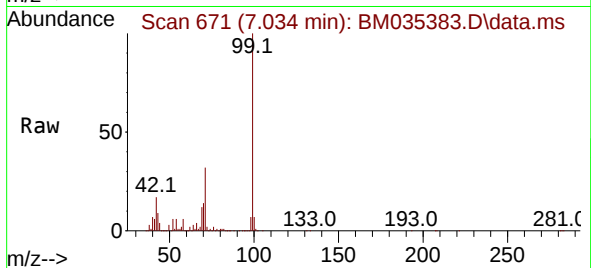




#7
Phenol-d6
Concen: 69.532 ng
RT: 7.034 min Scan# 61
Delta R.T. -0.006 min
Lab File: BM035383.D
Acq: 03 Jun 2022 03:50

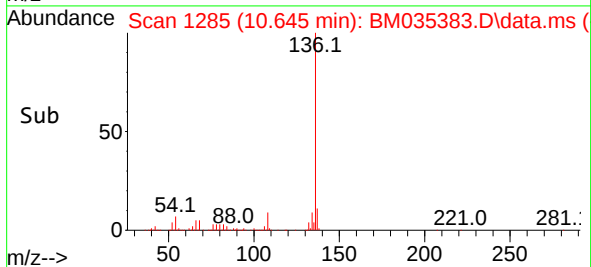
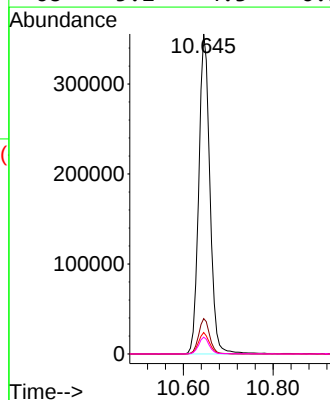
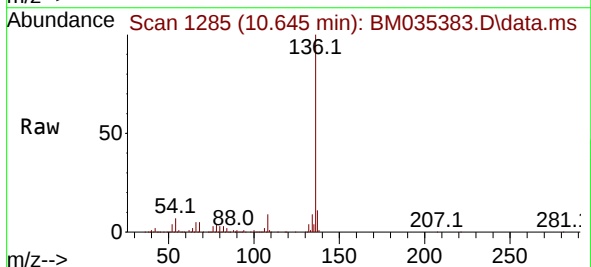
Instrument :
BNA_M
ClientSampleId :
P015-SS003-0006-01

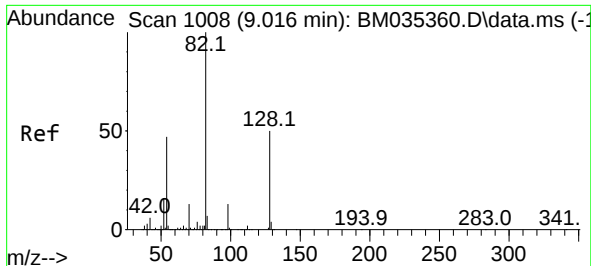
Tgt Ion: 99 Resp: 767531
Ion Ratio Lower Upper
99 100
42 16.9 18.8 28.2#
71 31.6 30.2 45.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.645 min Scan# 1285
Delta R.T. -0.012 min
Lab File: BM035383.D
Acq: 03 Jun 2022 03:50

Tgt Ion: 136 Resp: 611350
Ion Ratio Lower Upper
136 100
137 11.1 8.9 13.3
54 6.7 7.0 10.4#
68 5.2 4.3 6.5

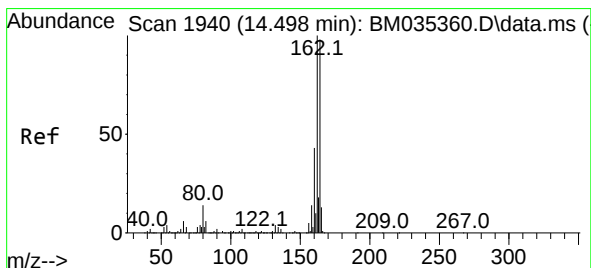
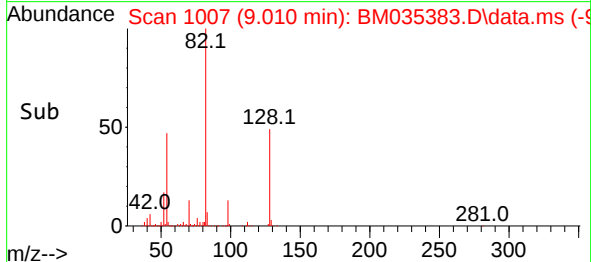
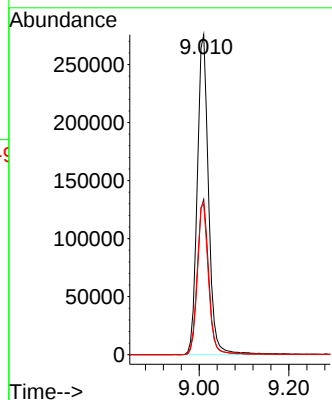
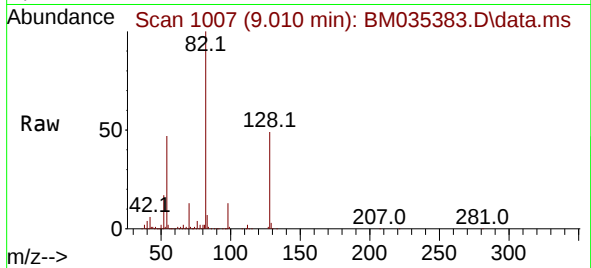




#23
Nitrobenzene-d5
Concen: 50.042 ng
RT: 9.010 min Scan# 1008
Delta R.T. -0.006 min
Lab File: BM035383.D
Acq: 03 Jun 2022 03:50

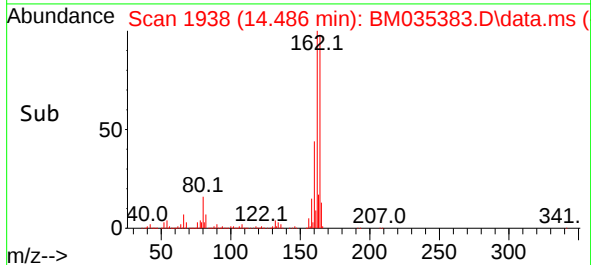
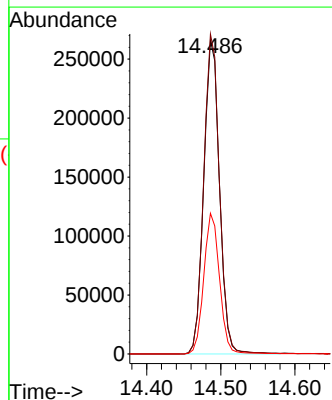
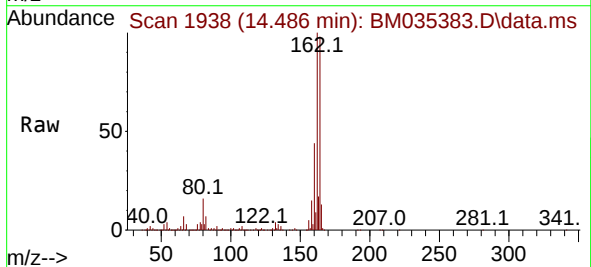
Instrument :
BNA_M
ClientSampleId :
P015-SS003-0006-01

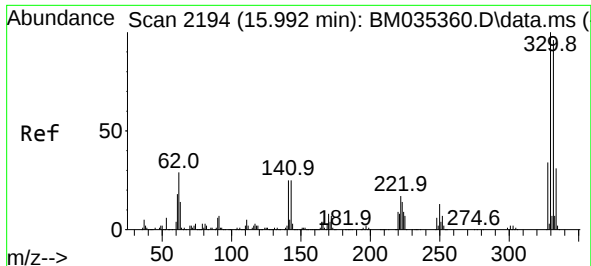
Tgt Ion: 82 Resp: 481806
Ion Ratio Lower Upper
82 100
128 48.5 33.7 50.5
54 47.0 43.2 64.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.486 min Scan# 1938
Delta R.T. -0.012 min
Lab File: BM035383.D
Acq: 03 Jun 2022 03:50

Tgt Ion: 164 Resp: 393675
Ion Ratio Lower Upper
164 100
162 102.0 83.0 124.6
160 44.8 37.0 55.4





#42

2,4,6-Tribromophenol

Concen: 58.787 ng

RT: 15.980 min Scan# 21

Delta R.T. -0.012 min

Lab File: BM035383.D

Acq: 03 Jun 2022 03:50

Instrument :

BNA_M

ClientSampleId :

P015-SS003-0006-01

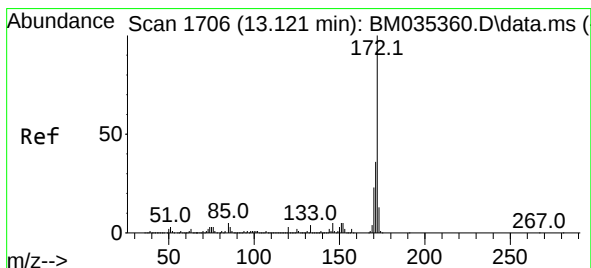
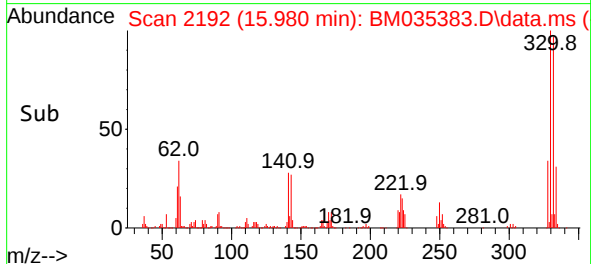
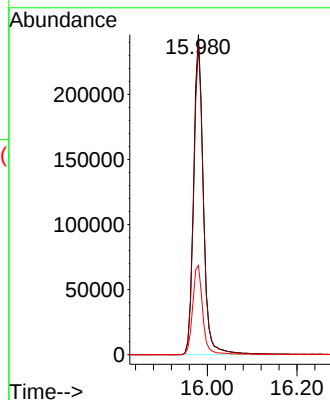
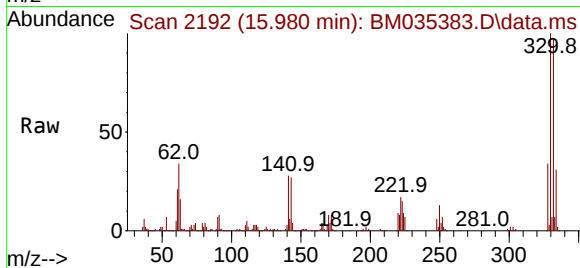
Tgt Ion:330 Resp: 371323

Ion Ratio Lower Upper

330 100

332 96.2 77.0 115.4

141 28.8 35.3 52.9#



#45

2-Fluorobiphenyl

Concen: 50.486 ng

RT: 13.110 min Scan# 1704

Delta R.T. -0.012 min

Lab File: BM035383.D

Acq: 03 Jun 2022 03:50

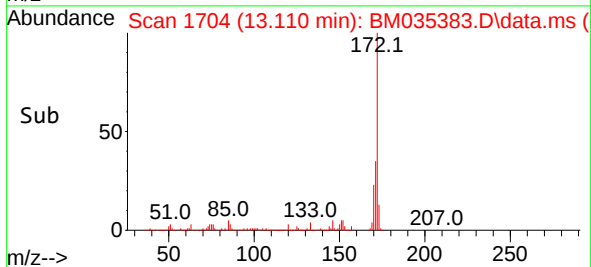
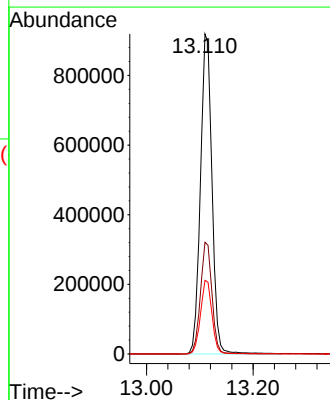
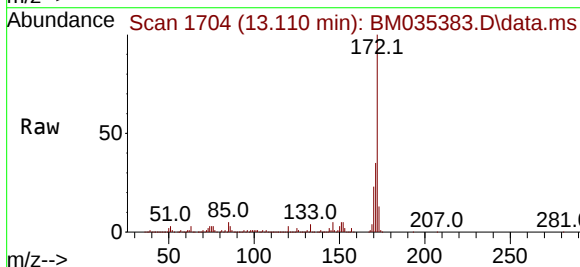
Tgt Ion:172 Resp: 1383791

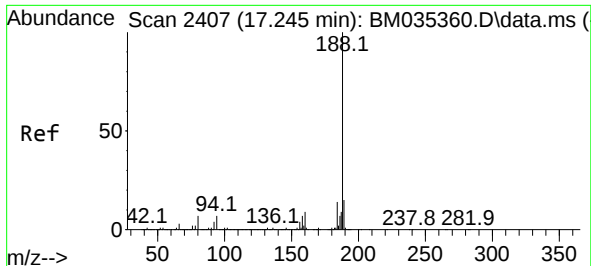
Ion Ratio Lower Upper

172 100

171 34.9 28.5 42.7

170 23.0 18.7 28.1

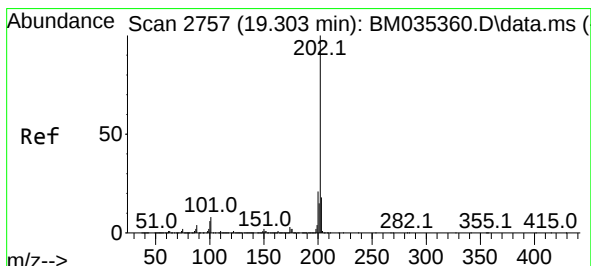
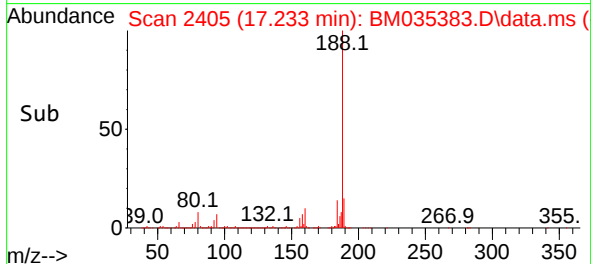
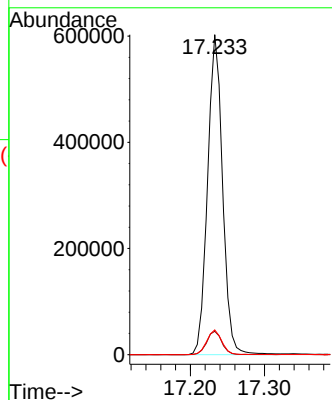
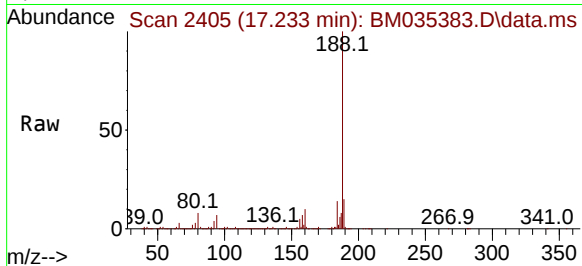




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.233 min Scan# 24
Delta R.T. -0.012 min
Lab File: BM035383.D
Acq: 03 Jun 2022 03:50

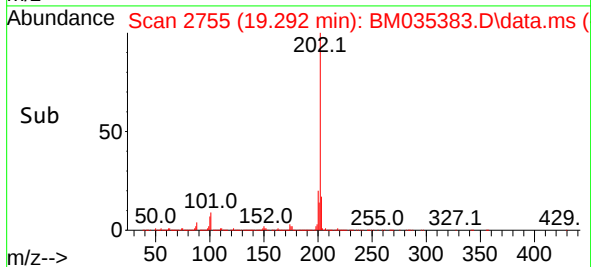
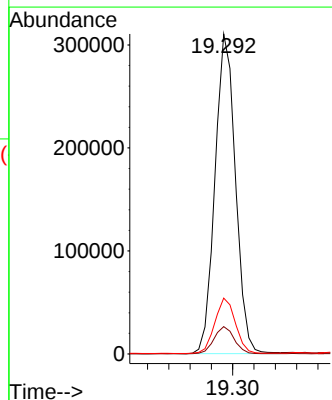
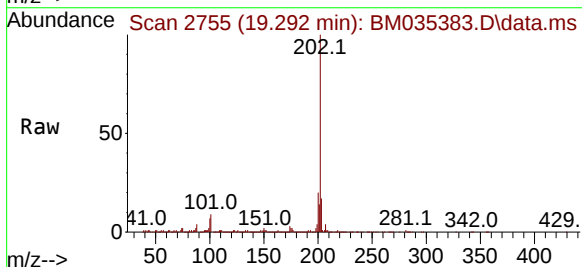
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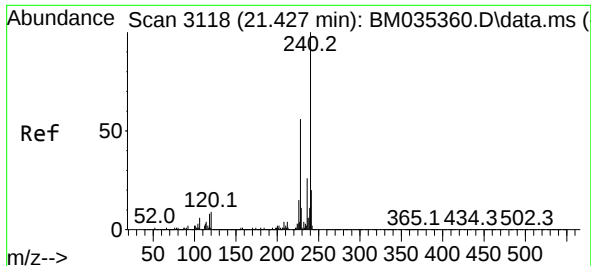
Tgt Ion:188 Resp: 848506
Ion Ratio Lower Upper
188 100
94 7.3 7.0 10.4
80 7.7 7.6 11.4



#75
Fluoranthene
Concen: 8.006 ng
RT: 19.292 min Scan# 2755
Delta R.T. -0.012 min
Lab File: BM035383.D
Acq: 03 Jun 2022 03:50

Tgt Ion:202 Resp: 415051
Ion Ratio Lower Upper
202 100
101 8.6 0.0 30.6
203 17.5 0.0 37.4

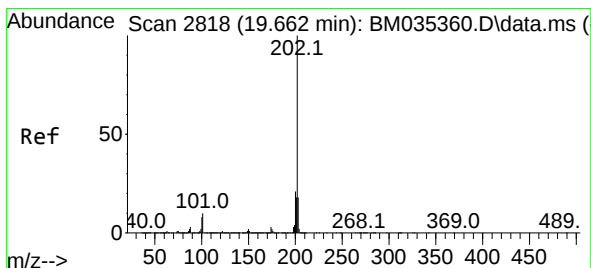
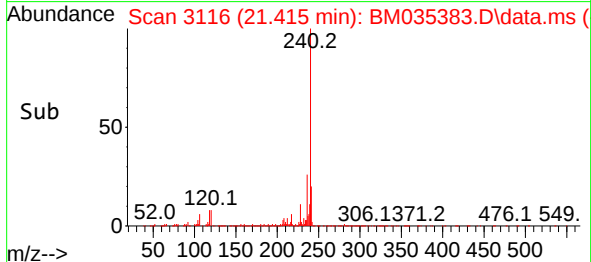
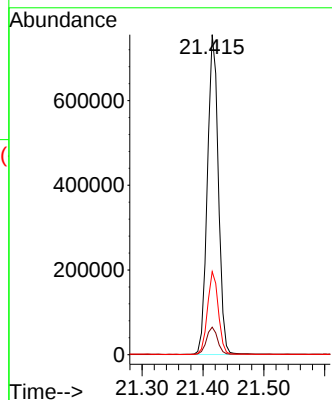
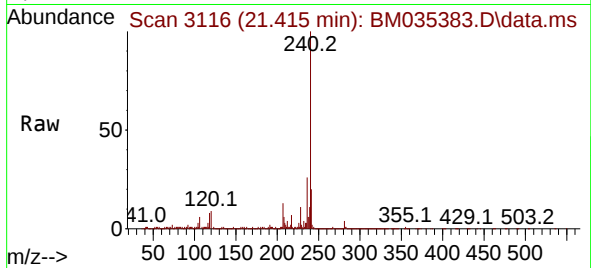




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.415 min Scan# 3118
Delta R.T. -0.012 min
Lab File: BM035383.D
Acq: 03 Jun 2022 03:50

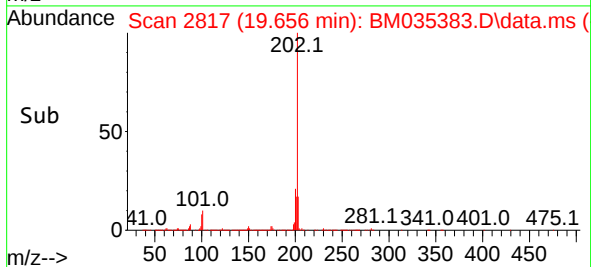
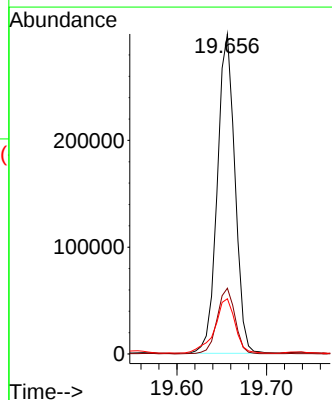
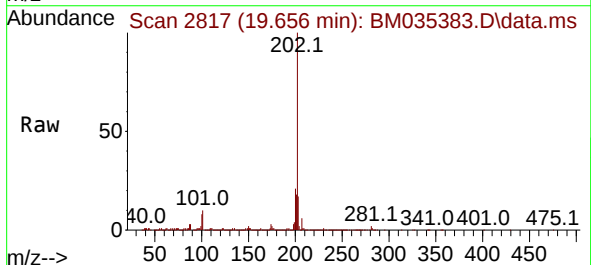
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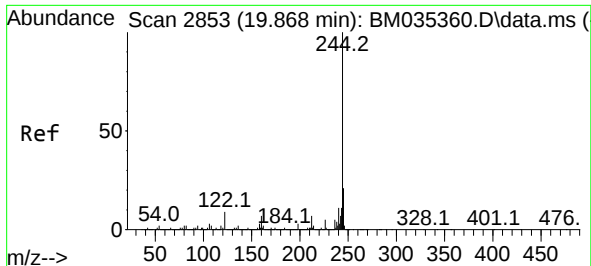
Tgt Ion:240 Resp: 945864
Ion Ratio Lower Upper
240 100
120 8.6 9.4 14.0#
236 25.9 20.6 30.8



#78
Pyrene
Concen: 7.119 ng
RT: 19.656 min Scan# 2817
Delta R.T. -0.006 min
Lab File: BM035383.D
Acq: 03 Jun 2022 03:50

Tgt Ion:202 Resp: 408312
Ion Ratio Lower Upper
202 100
200 20.6 16.7 25.1
203 17.3 13.9 20.9

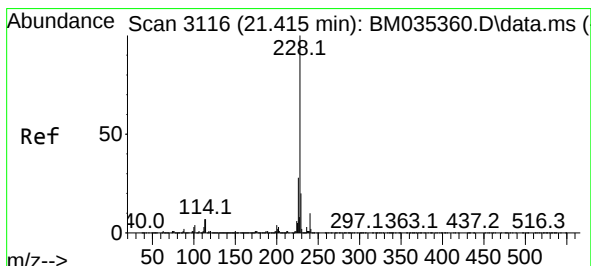
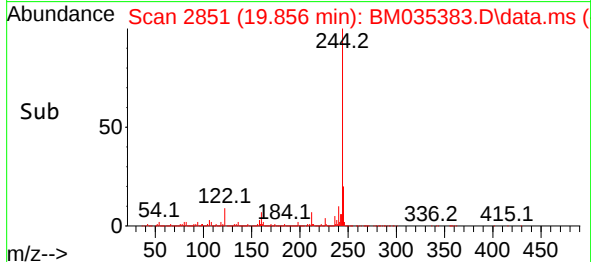
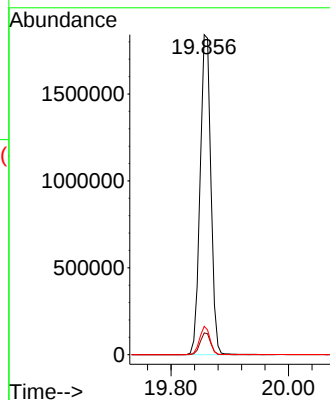
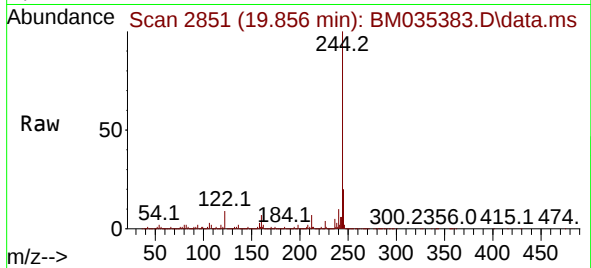




#79
 Terphenyl-d14
 Concen: 49.249 ng
 RT: 19.856 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: BM035383.D
 Acq: 03 Jun 2022 03:50

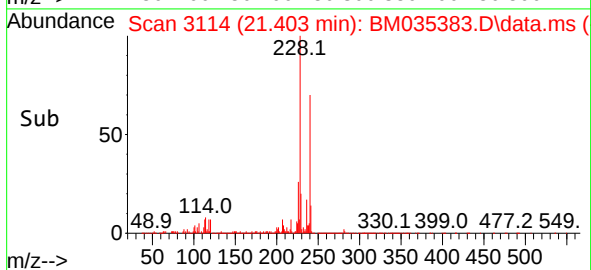
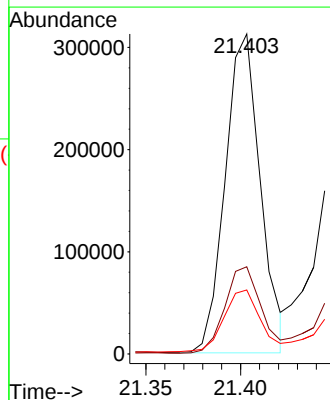
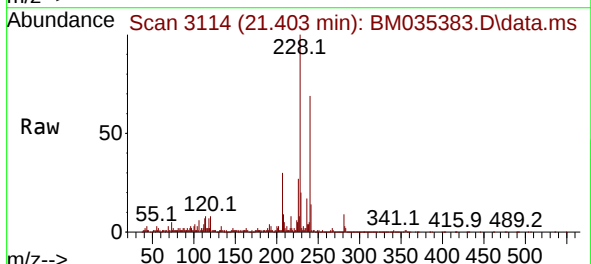
Instrument :
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 P015-SS003-0006-01

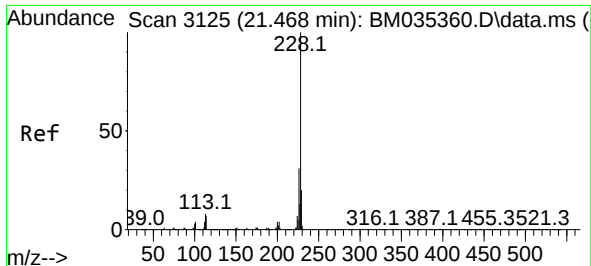
Tgt Ion:244 Resp: 2338193
 Ion Ratio Lower Upper
 244 100
 212 6.8 6.2 9.4
 122 8.9 8.3 12.5



#81
 Benzo(a)anthracene
 Concen: 6.931 ng
 RT: 21.403 min Scan# 3114
 Delta R.T. -0.012 min
 Lab File: BM035383.D
 Acq: 03 Jun 2022 03:50

Tgt Ion:228 Resp: 402480
 Ion Ratio Lower Upper
 228 100
 226 27.2 22.3 33.5
 229 20.0 15.8 23.6

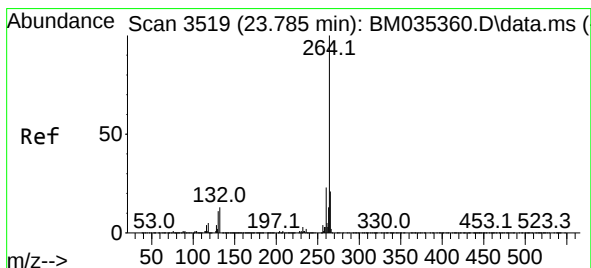
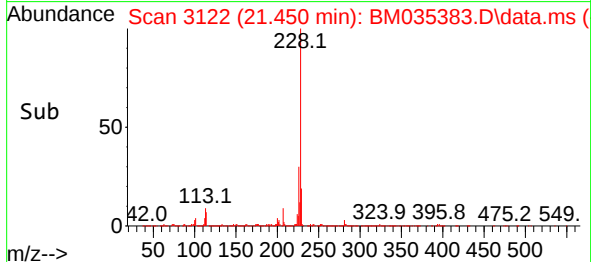
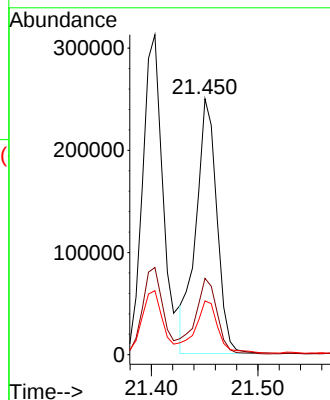
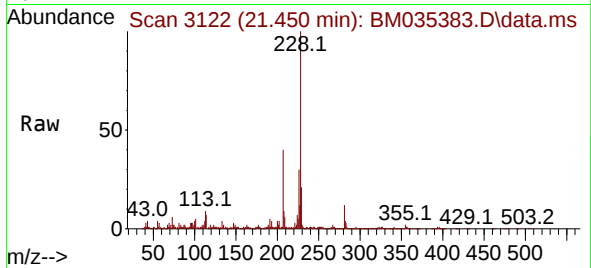




#83
Chrysene
Concen: 6.178 ng
RT: 21.450 min Scan# 31
Delta R.T. -0.018 min
Lab File: BM035383.D
Acq: 03 Jun 2022 03:50

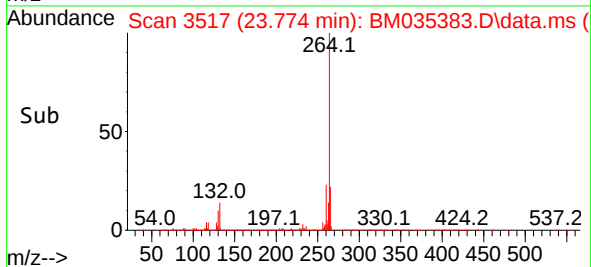
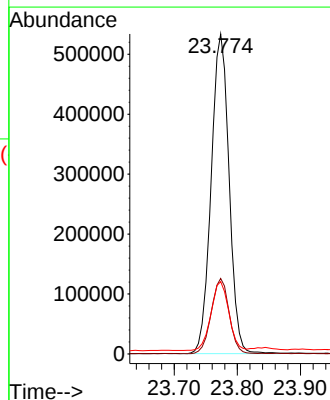
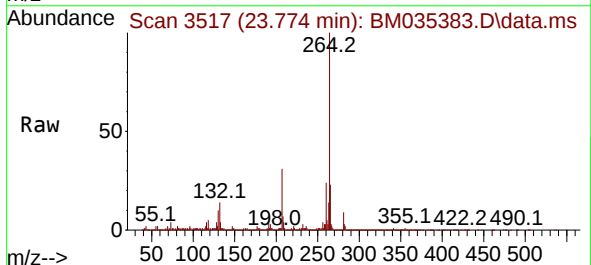
Instrument :
BNA_M
ClientSampleId :
P015-SS003-0006-01

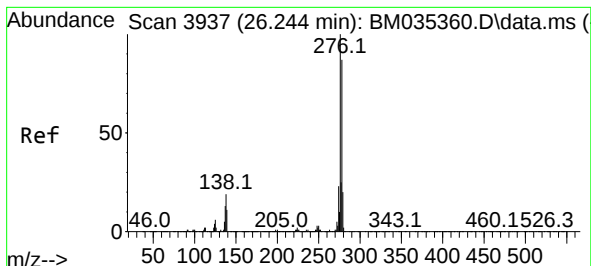
Tgt Ion:	228	Resp:	342571
Ion	Ratio	Lower	Upper
228	100		
226	29.8	24.4	36.6
229	21.0	15.8	23.8



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.774 min Scan# 3517
Delta R.T. -0.012 min
Lab File: BM035383.D
Acq: 03 Jun 2022 03:50

Tgt Ion:	264	Resp:	1049997
Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.9	28.3
265	22.6	17.5	26.3





#87

Indeno(1,2,3-cd)pyrene

Concen: 2.651 ng

RT: 26.209 min Scan# 3931

Delta R.T. -0.035 min

Lab File: BM035383.D

Acq: 03 Jun 2022 03:50

Instrument :

BNA_M

ClientSampleId :

P015-SS003-0006-01

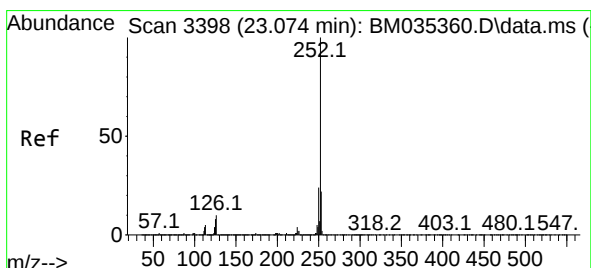
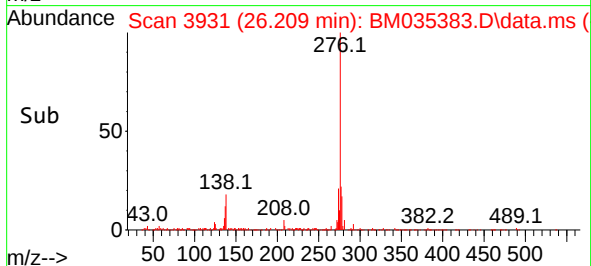
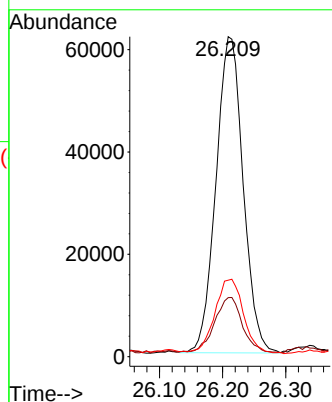
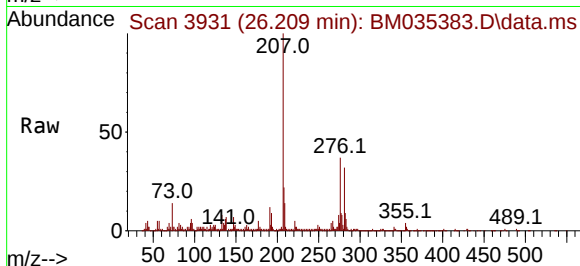
Tgt Ion:276 Resp: 184649

Ion Ratio Lower Upper

276 100

138 17.7 20.2 30.4#

277 24.9 20.2 30.2



#88

Benzo(b)fluoranthene

Concen: 8.668 ng

RT: 23.062 min Scan# 3396

Delta R.T. -0.012 min

Lab File: BM035383.D

Acq: 03 Jun 2022 03:50

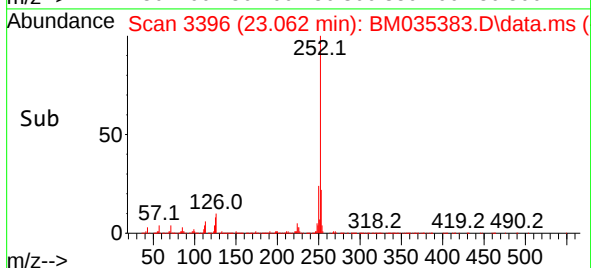
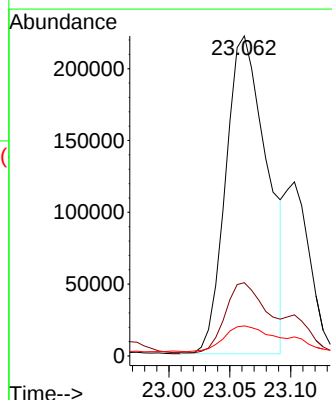
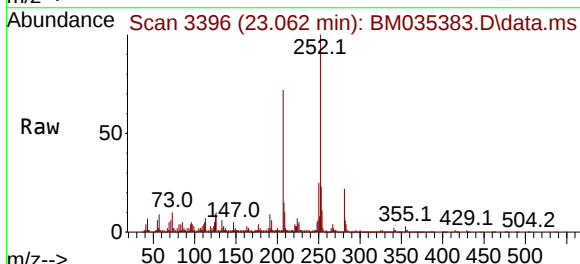
Tgt Ion:252 Resp: 524226

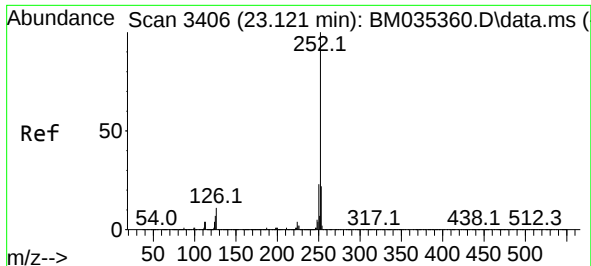
Ion Ratio Lower Upper

252 100

253 22.9 17.6 26.4

125 9.4 7.6 11.4

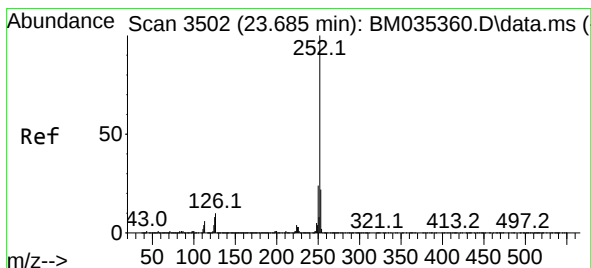
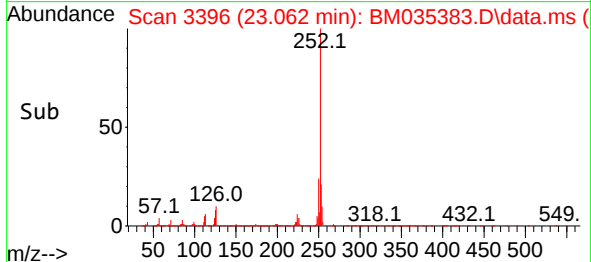
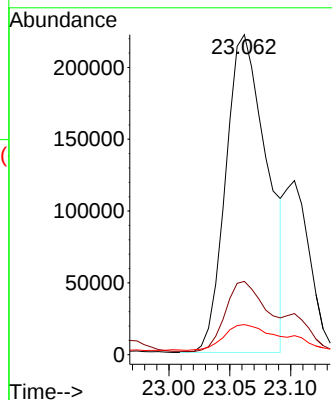
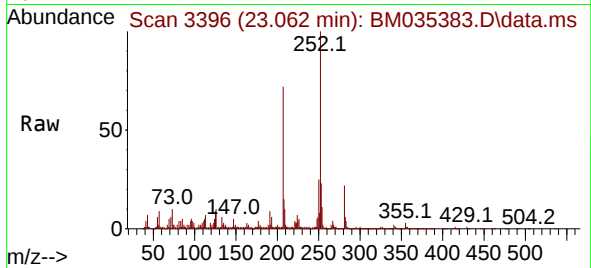




#89
Benzo(k)fluoranthene
Concen: 8.471 ng
RT: 23.062 min Scan# 31
Delta R.T. -0.059 min
Lab File: BM035383.D
Acq: 03 Jun 2022 03:50

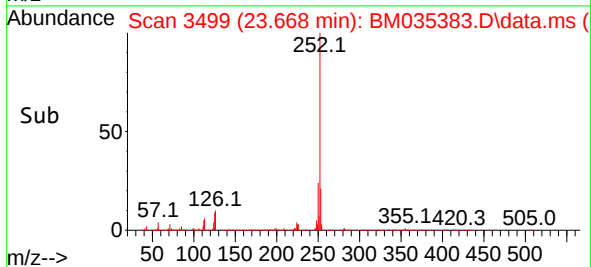
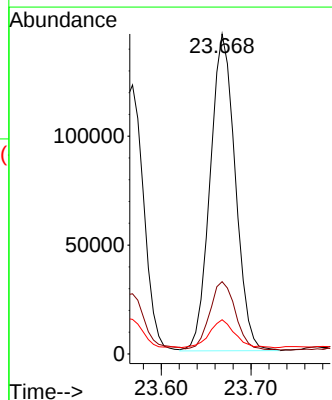
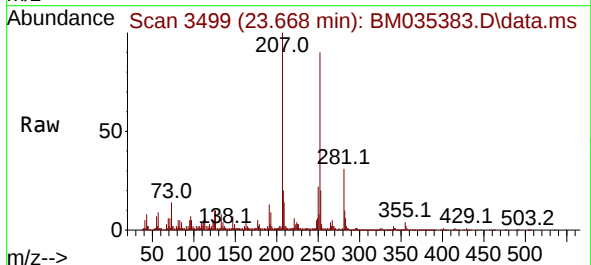
Instrument :
BNA_M
ClientSampleId :
P015-SS003-0006-01

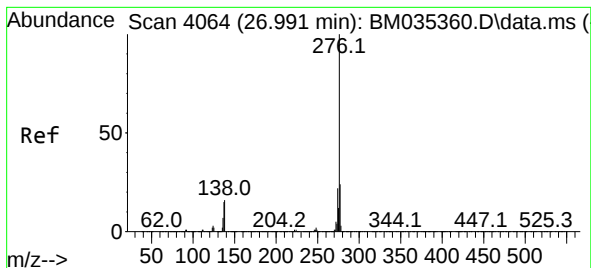
Tgt Ion:252 Resp: 524226
Ion Ratio Lower Upper
252 100
253 22.9 17.5 26.3
125 9.4 7.6 11.4



#90
Benzo(a)pyrene
Concen: 5.489 ng
RT: 23.668 min Scan# 3499
Delta R.T. -0.018 min
Lab File: BM035383.D
Acq: 03 Jun 2022 03:50

Tgt Ion:252 Resp: 282651
Ion Ratio Lower Upper
252 100
253 22.6 17.2 25.8
125 10.7 8.7 13.1





#92

Benzo(g,h,i)perylene

Concen: 2.975 ng

RT: 26.962 min Scan# 40

Delta R.T. -0.029 min

Lab File: BM035383.D

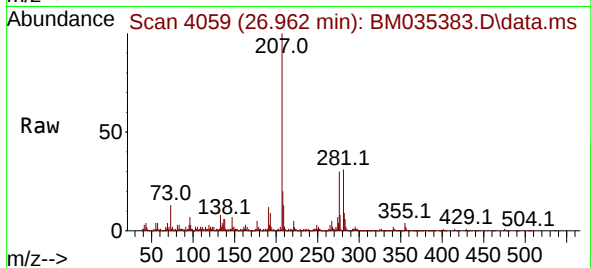
Acq: 03 Jun 2022 03:50

Instrument :

BNA_M

ClientSampleId :

P015-SS003-0006-01



Tgt Ion:276 Resp: 166798

Ion Ratio Lower Upper

276 100

277 26.1 18.7 28.1

138 18.6 17.6 26.4

