

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060122\
 Data File : BM035347.D
 Acq On : 01 Jun 2022 15:12
 Operator : CG/JU
 Sample : N3107-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MS-5

Quant Time: Jun 02 08:48:39 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM052722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 31 15:35:47 2022
 Response via : Initial Calibration

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

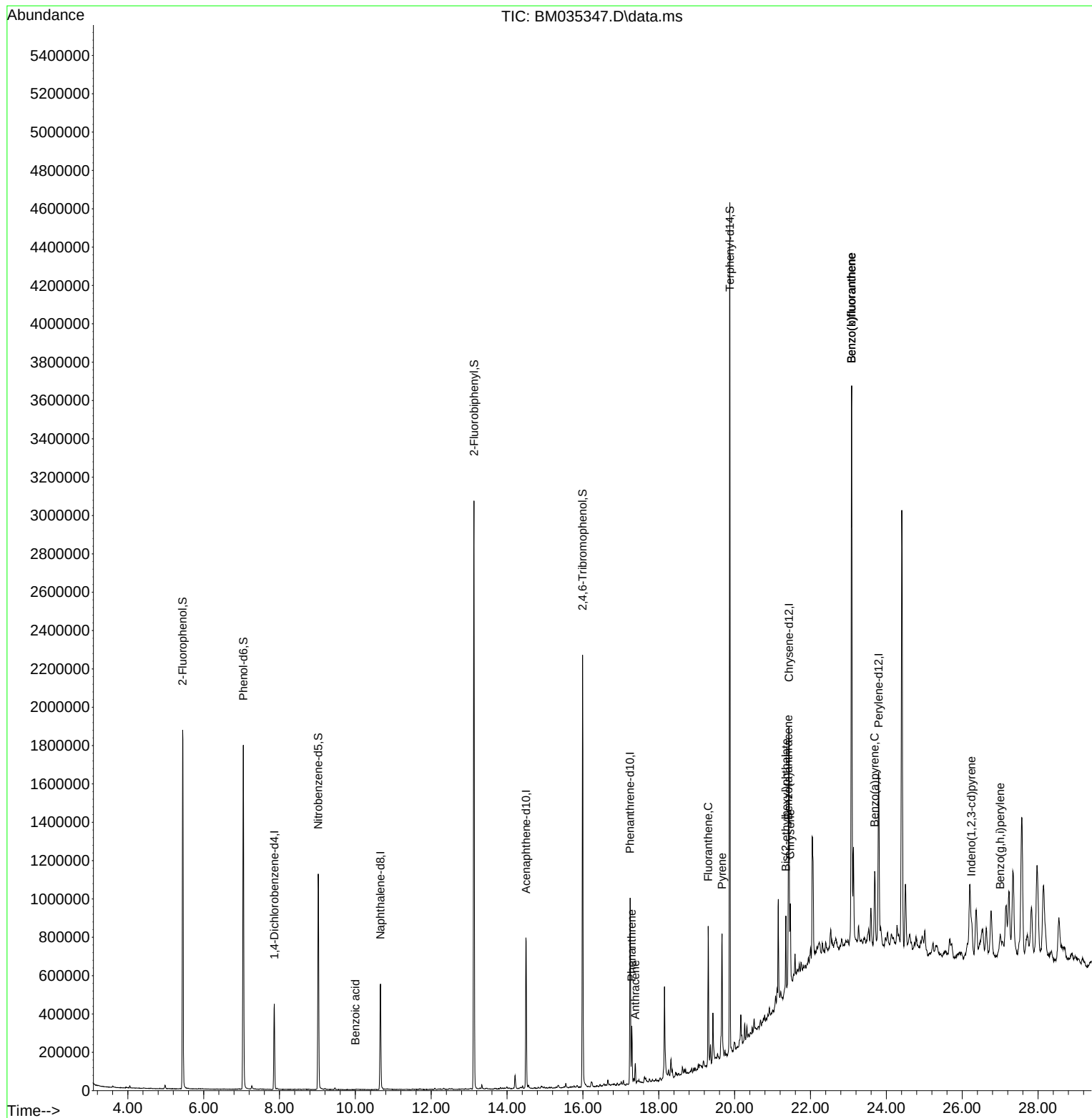
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.863	152	130604	20.000	ng	-0.01
21) Naphthalene-d8	10.663	136	481292	20.000	ng	#-0.01
39) Acenaphthene-d10	14.498	164	293708	20.000	ng	-0.02
64) Phenanthrene-d10	17.245	188	593774	20.000	ng	-0.01
76) Chrysene-d12	21.433	240	604701	20.000	ng	# 0.00
86) Perylene-d12	23.797	264	677772	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.446	112	838060	118.478	ng	-0.01
7) Phenol-d6	7.045	99	1040172	113.565	ng	0.00
23) Nitrobenzene-d5	9.022	82	646498	73.944	ng	-0.01
42) 2,4,6-Tribromophenol	15.992	330	467357	122.658	ng	-0.01
45) 2-Fluorobiphenyl	13.127	172	1609014	75.970	ng	-0.01
79) Terphenyl-d14	19.874	244	2218895	65.022	ng	0.00
Target Compounds						
						Qvalue
32) Benzoic acid	10.004	122	200	2.941	ng	# 72
71) Phenanthrene	17.286	178	168986	5.539	ng	99
72) Anthracene	17.380	178	65390	2.196	ng	98
75) Fluoranthene	19.303	202	417026	11.671	ng	97
78) Pyrene	19.668	202	409144	10.313	ng	99
81) Benzo(a)anthracene	21.415	228	248715	6.504	ng	98
83) Chrysene	21.468	228	226901	6.286	ng	97
84) Bis(2-ethylhexyl)phtha...	21.350	149	141612	6.601	ng	# 95
87) Indeno(1,2,3-cd)pyrene	26.244	276	162977	3.529	ng	# 93
88) Benzo(b)fluoranthene	23.080	252	343949	8.411	ng	# 85
89) Benzo(k)fluoranthene	23.080	252	343949	8.514	ng	# 85
90) Benzo(a)pyrene	23.691	252	231624	6.834	ng	96
92) Benzo(g,h,i)perylene	27.003	276	160558	4.197	ng	95

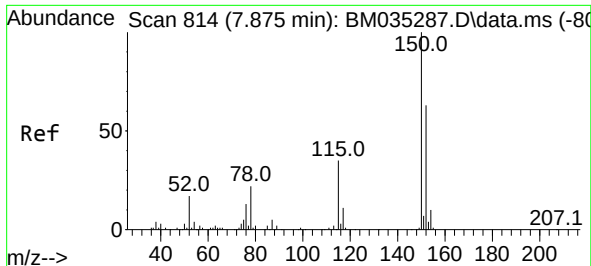
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060122\
Data File : BM035347.D
Acq On : 01 Jun 2022 15:12
Operator : CG/JU
Sample : N3107-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
MS-5

Quant Time: Jun 02 08:48:39 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM052722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 31 15:35:47 2022
Response via : Initial Calibration

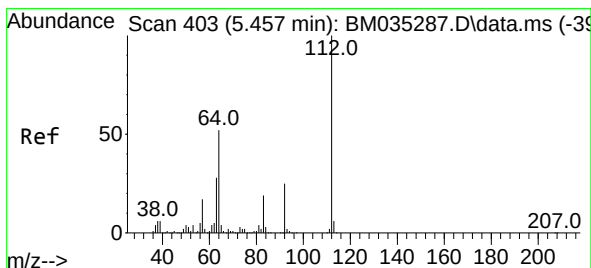
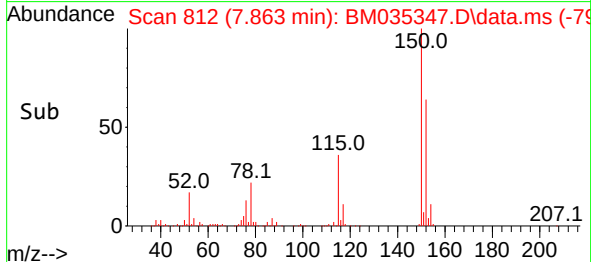
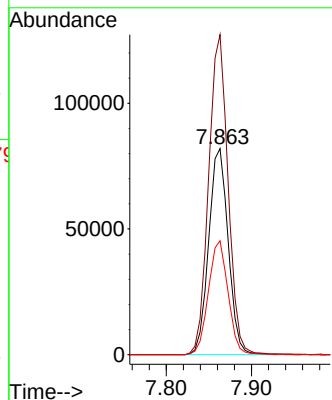
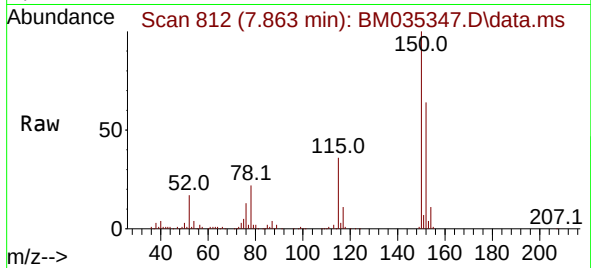




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.863 min Scan# 814
Delta R.T. -0.012 min
Lab File: BM035347.D
Acq: 01 Jun 2022 15:12

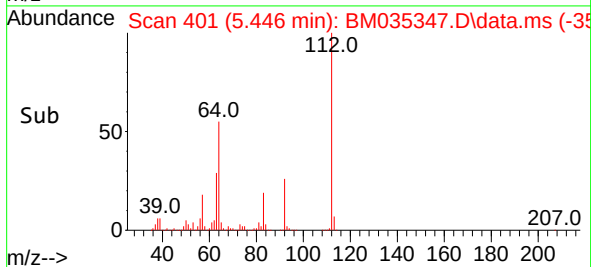
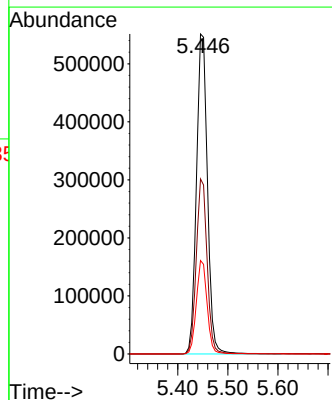
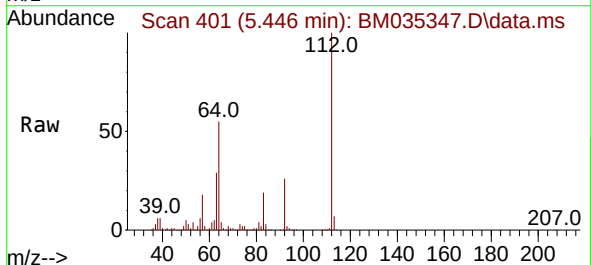
Instrument :
BNA_M
ClientSampleId :
MS-5

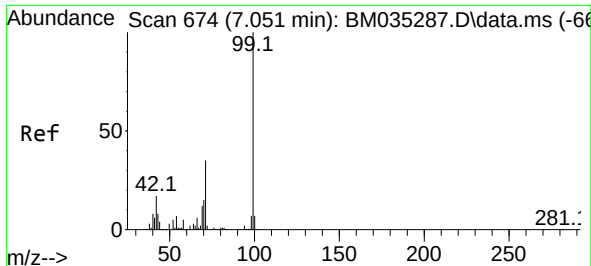
Tgt Ion:152 Resp: 130604
Ion Ratio Lower Upper
152 100
150 155.3 124.9 187.3
115 55.3 47.9 71.9



#5
2-Fluorophenol
Concen: 118.478 ng
RT: 5.446 min Scan# 401
Delta R.T. -0.011 min
Lab File: BM035347.D
Acq: 01 Jun 2022 15:12

Tgt Ion:112 Resp: 838060
Ion Ratio Lower Upper
112 100
64 54.7 47.8 71.6
63 29.2 26.6 40.0

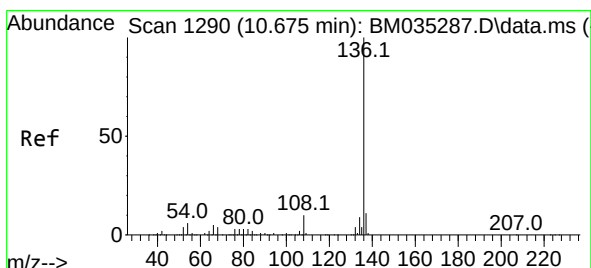
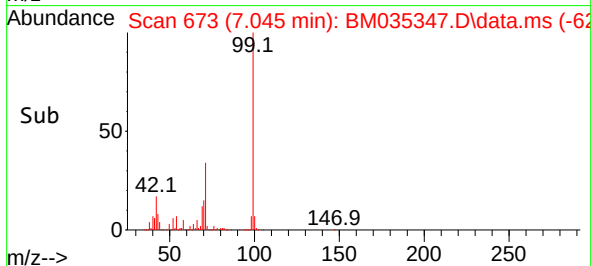
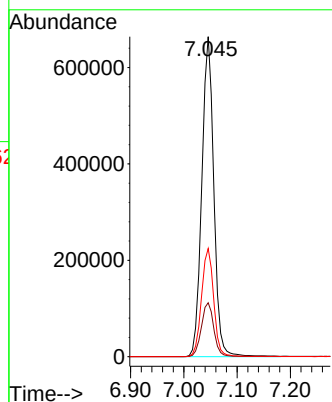
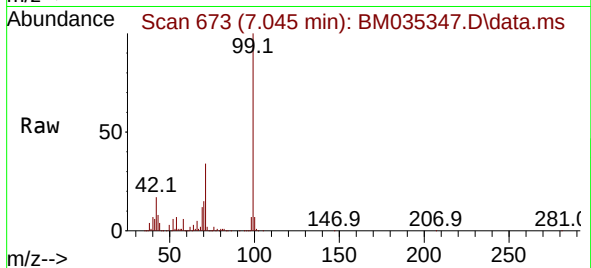




#7
Phenol-d6
Concen: 113.565 ng
RT: 7.045 min Scan# 61
Delta R.T. -0.006 min
Lab File: BM035347.D
Acq: 01 Jun 2022 15:12

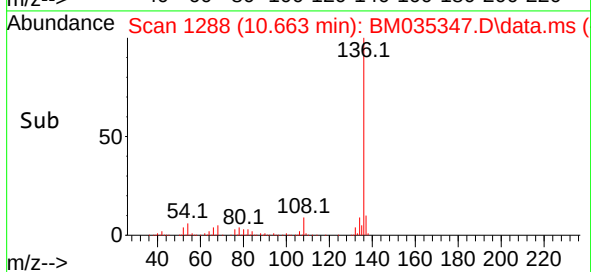
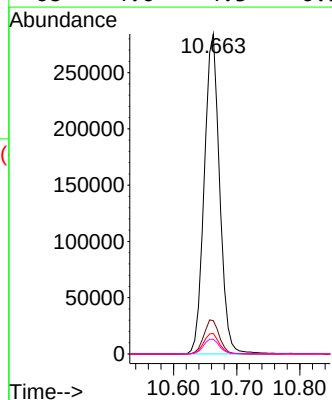
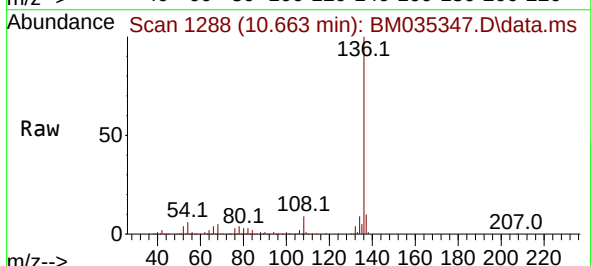
Instrument :
BNA_M
ClientSampleId :
MS-5

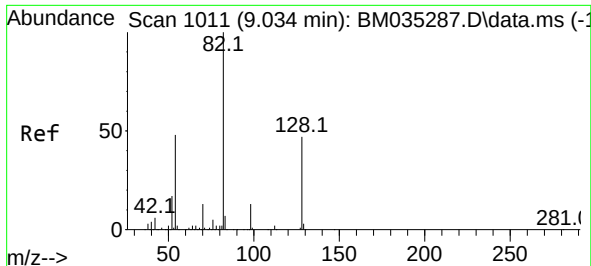
Tgt Ion: 99 Resp: 1040172
Ion Ratio Lower Upper
99 100
42 16.8 18.8 28.2#
71 33.8 30.2 45.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.663 min Scan# 1288
Delta R.T. -0.012 min
Lab File: BM035347.D
Acq: 01 Jun 2022 15:12

Tgt Ion: 136 Resp: 481292
Ion Ratio Lower Upper
136 100
137 10.4 8.9 13.3
54 6.4 7.0 10.4#
68 4.6 4.3 6.5

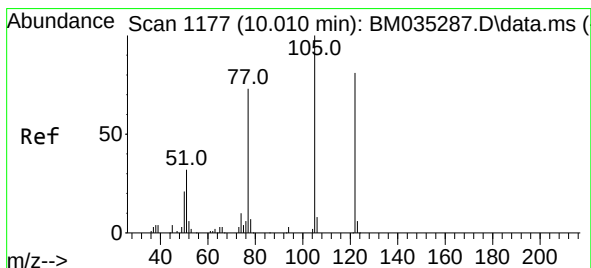
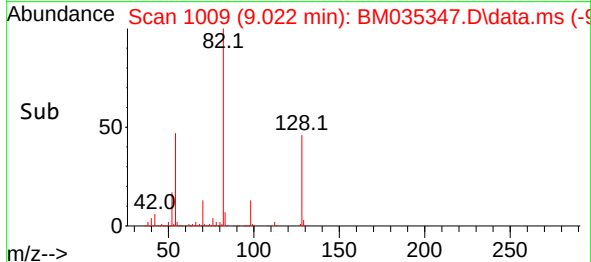
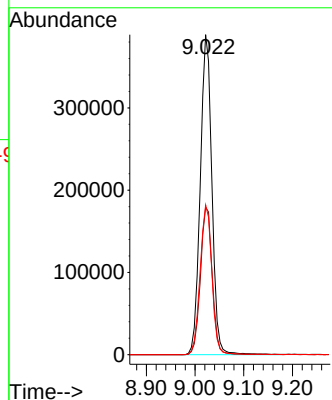
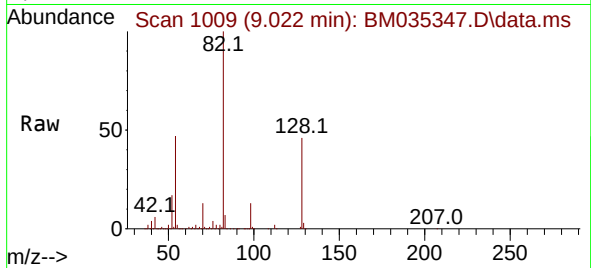




#23
Nitrobenzene-d5
Concen: 73.944 ng
RT: 9.022 min Scan# 1009
Delta R.T. -0.012 min
Lab File: BM035347.D
Acq: 01 Jun 2022 15:12

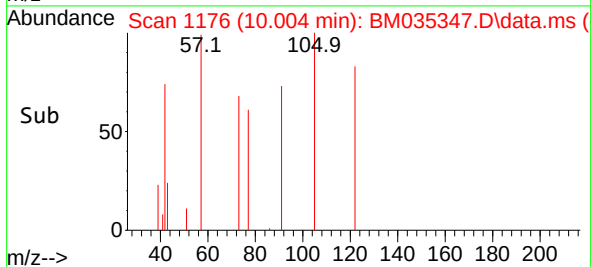
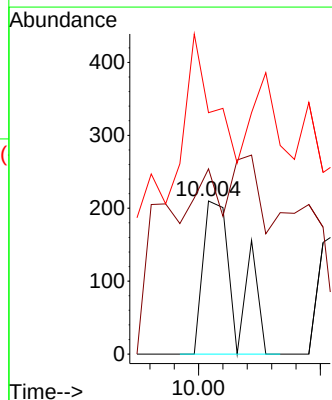
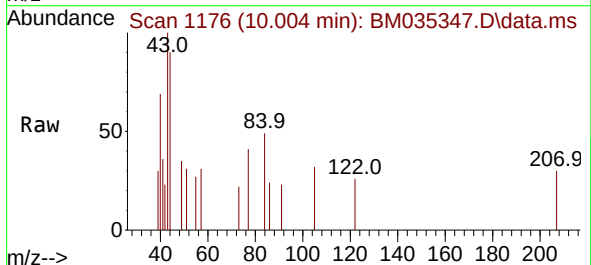
Instrument :
BNA_M
ClientSampleId :
MS-5

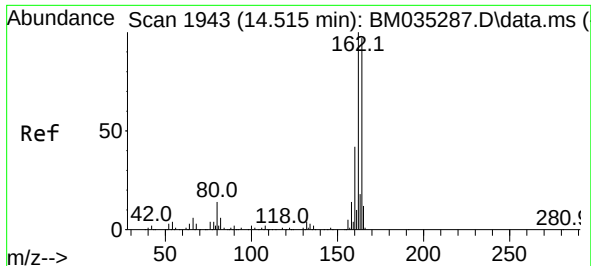
Tgt Ion: 82 Resp: 646498
Ion Ratio Lower Upper
82 100
128 46.1 33.7 50.5
54 46.8 43.2 64.8



#32
Benzoic acid
Concen: 2.941 ng
RT: 10.004 min Scan# 1176
Delta R.T. -0.006 min
Lab File: BM035347.D
Acq: 01 Jun 2022 15:12

Tgt Ion:122 Resp: 200
Ion Ratio Lower Upper
122 100
105 121.0 105.7 145.7
77 157.6 80.0 120.0#

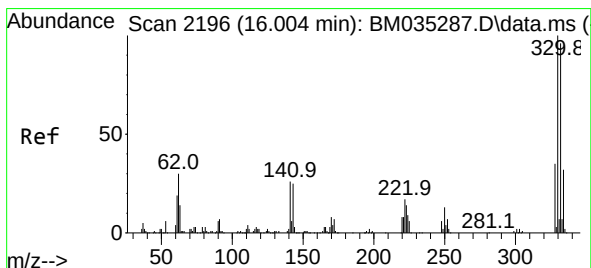
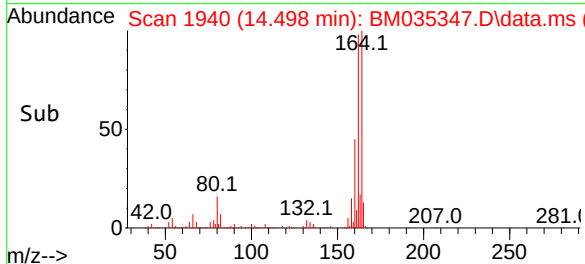
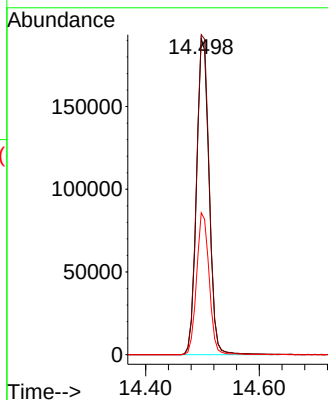
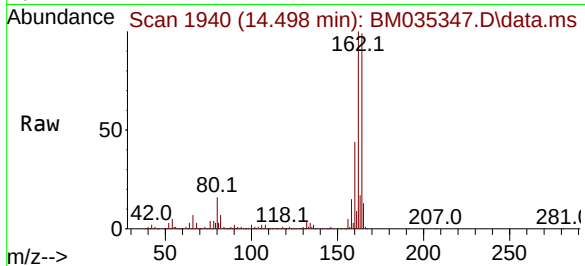




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.498 min Scan# 1940
Delta R.T. -0.017 min
Lab File: BM035347.D
Acq: 01 Jun 2022 15:12

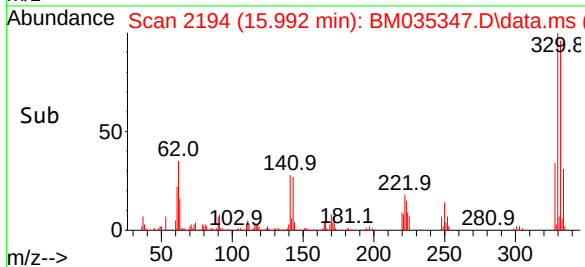
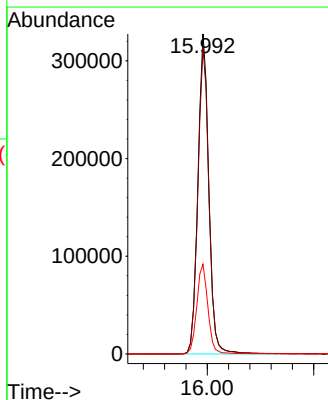
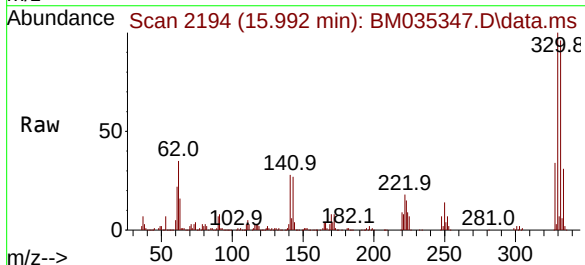
Instrument :
BNA_M
ClientSampleId :
MS-5

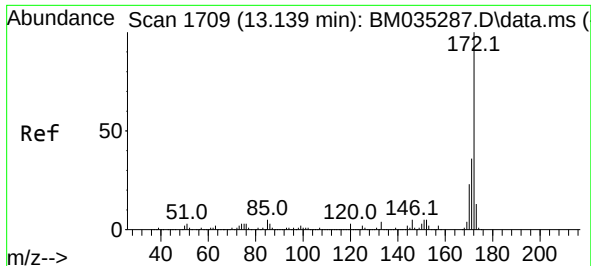
Tgt Ion:164 Resp: 293708
Ion Ratio Lower Upper
164 100
162 101.1 83.0 124.6
160 44.9 37.0 55.4



#42
2,4,6-Tribromophenol
Concen: 122.658 ng
RT: 15.992 min Scan# 2194
Delta R.T. -0.012 min
Lab File: BM035347.D
Acq: 01 Jun 2022 15:12

Tgt Ion:330 Resp: 467357
Ion Ratio Lower Upper
330 100
332 96.3 77.0 115.4
141 28.7 35.3 52.9#

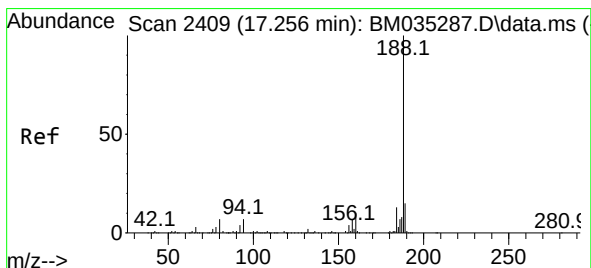
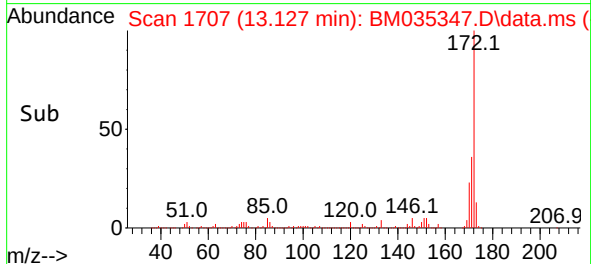
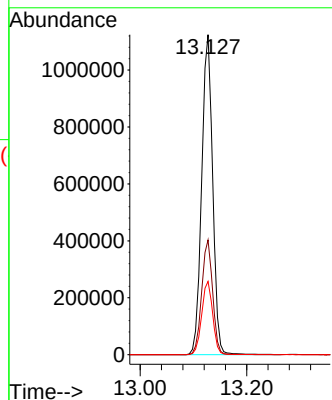
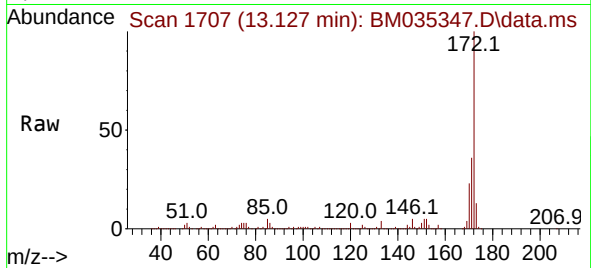




#45
2-Fluorobiphenyl
Concen: 75.970 ng
RT: 13.127 min Scan# 1
Delta R.T. -0.012 min
Lab File: BM035347.D
Acq: 01 Jun 2022 15:12

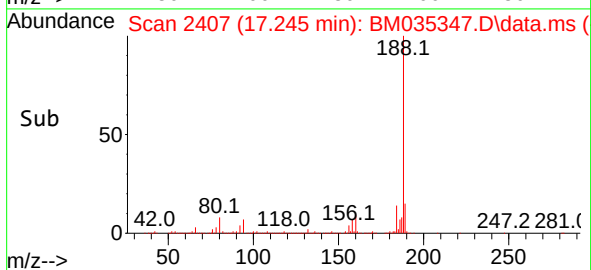
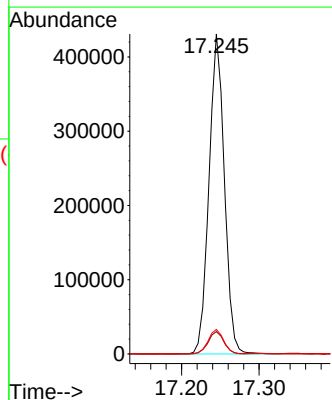
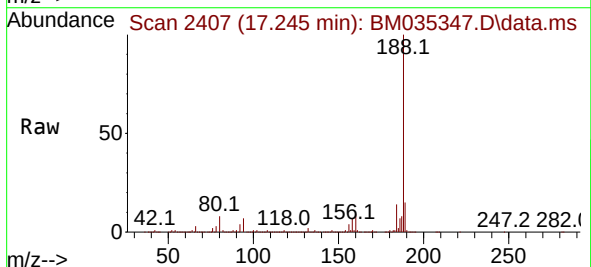
Instrument :
BNA_M
ClientSampleId :
MS-5

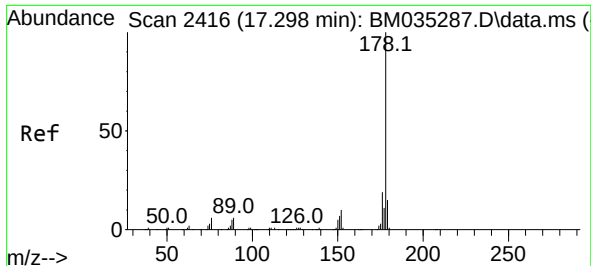
Tgt Ion:172 Resp: 1609014
Ion Ratio Lower Upper
172 100
171 35.9 28.5 42.7
170 22.9 18.7 28.1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.245 min Scan# 2407
Delta R.T. -0.012 min
Lab File: BM035347.D
Acq: 01 Jun 2022 15:12

Tgt Ion:188 Resp: 593774
Ion Ratio Lower Upper
188 100
94 7.0 7.0 10.4
80 7.6 7.6 11.4

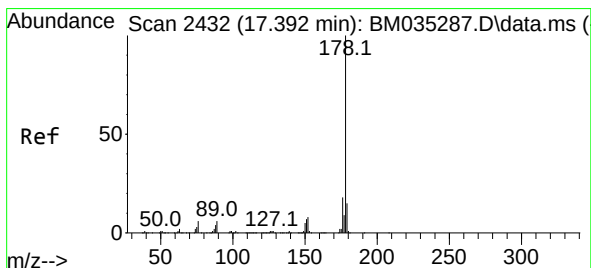
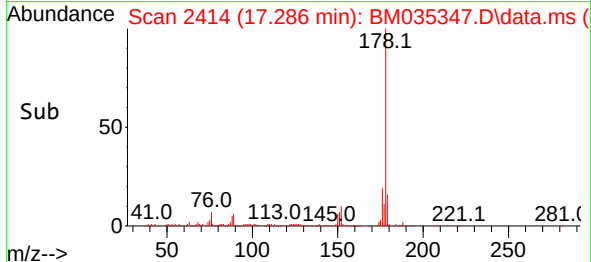
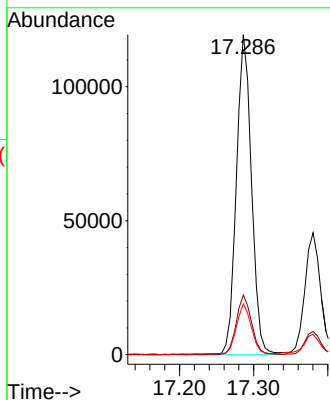
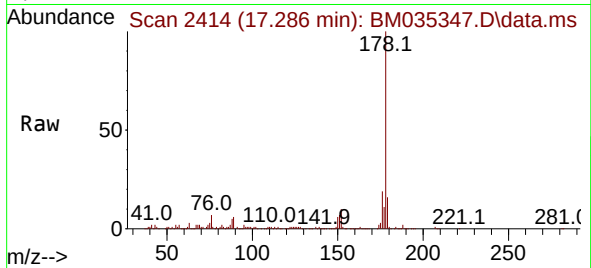




#71
Phenanthrene
Concen: 5.539 ng
RT: 17.286 min Scan# 2416
Delta R.T. -0.012 min
Lab File: BM035347.D
Acq: 01 Jun 2022 15:12

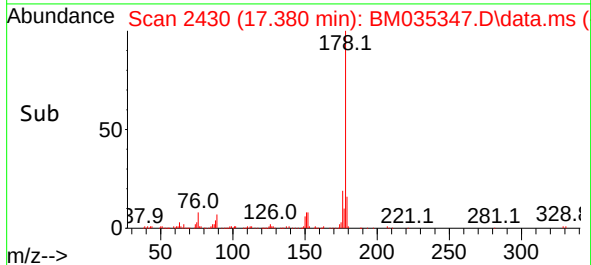
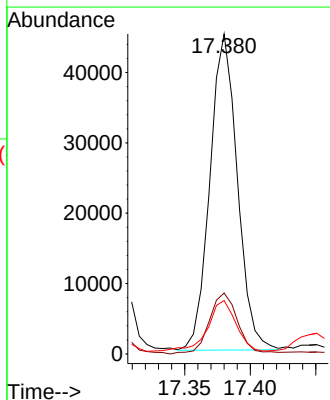
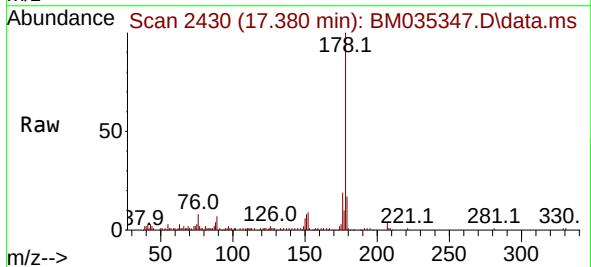
Instrument :
BNA_M
ClientSampleId :
MS-5

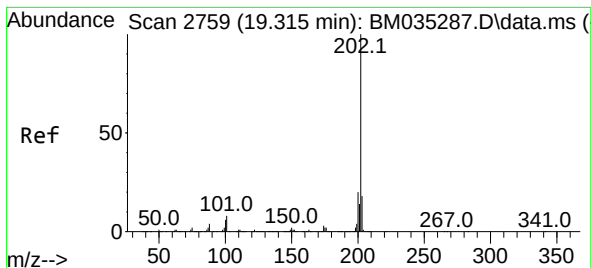
Tgt Ion:178 Resp: 168986
Ion Ratio Lower Upper
178 100
176 18.7 15.4 23.0
179 15.9 12.4 18.6



#72
Anthracene
Concen: 2.196 ng
RT: 17.380 min Scan# 2430
Delta R.T. -0.012 min
Lab File: BM035347.D
Acq: 01 Jun 2022 15:12

Tgt Ion:178 Resp: 65390
Ion Ratio Lower Upper
178 100
176 19.1 15.0 22.4
179 16.7 12.2 18.2





#75

Fluoranthene

Concen: 11.671 ng

RT: 19.303 min Scan# 21

Delta R.T. -0.012 min

Lab File: BM035347.D

Acq: 01 Jun 2022 15:12

Instrument :

BNA_M

ClientSampleId :

MS-5

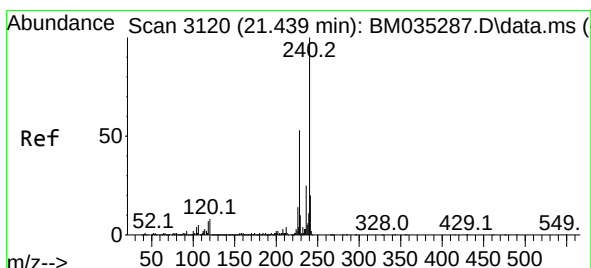
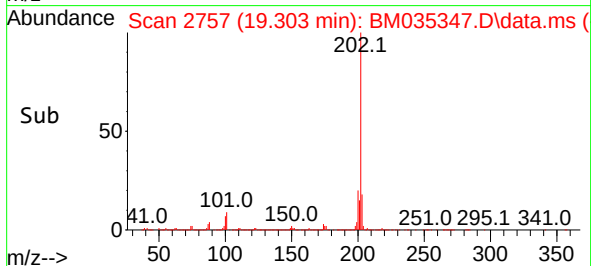
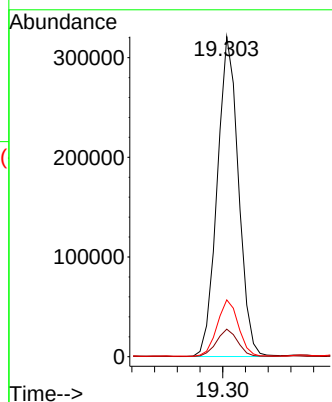
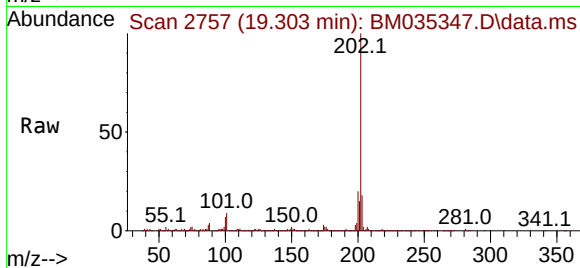
Tgt Ion:202 Resp: 417026

Ion Ratio Lower Upper

202 100

101 8.6 0.0 30.6

203 17.7 0.0 37.4



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.433 min Scan# 3119

Delta R.T. -0.006 min

Lab File: BM035347.D

Acq: 01 Jun 2022 15:12

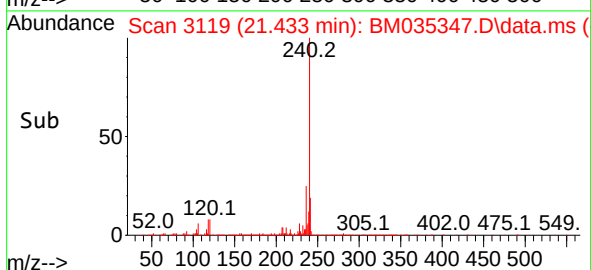
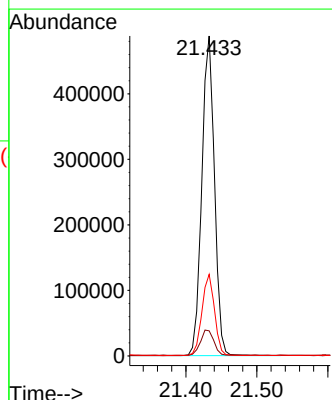
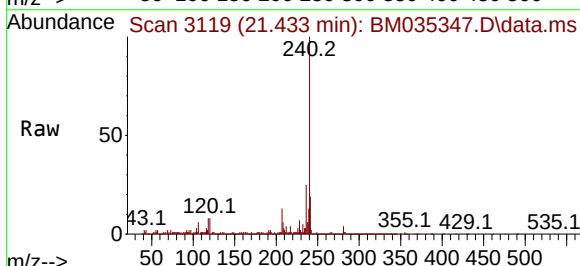
Tgt Ion:240 Resp: 604701

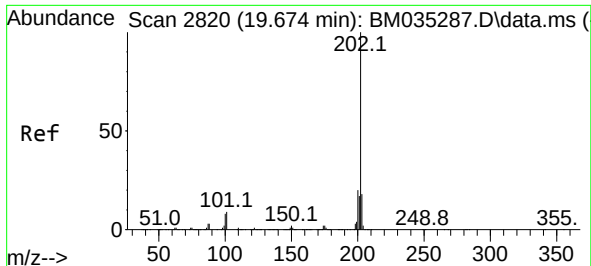
Ion Ratio Lower Upper

240 100

120 7.8 9.4 14.0#

236 25.5 20.6 30.8

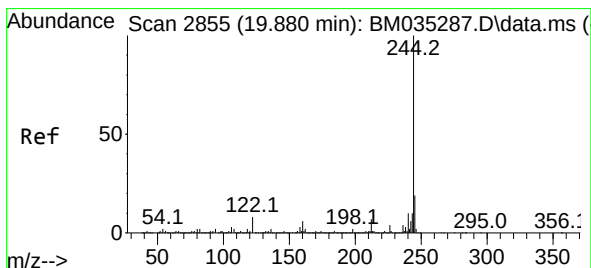
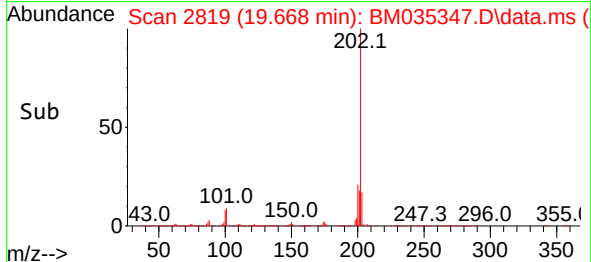
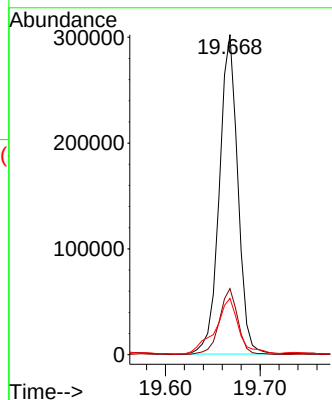
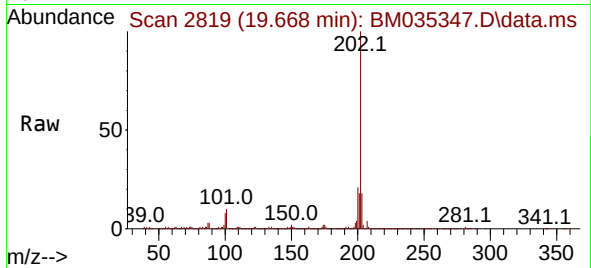




#78
Pyrene
Concen: 10.313 ng
RT: 19.668 min Scan# 2819
Delta R.T. -0.006 min
Lab File: BM035347.D
Acq: 01 Jun 2022 15:12

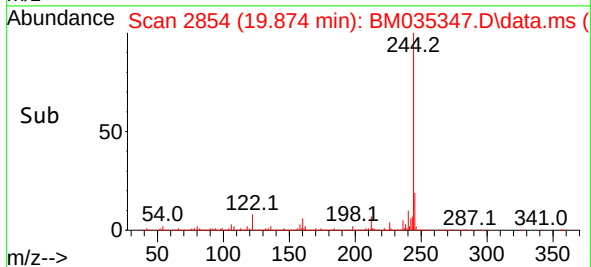
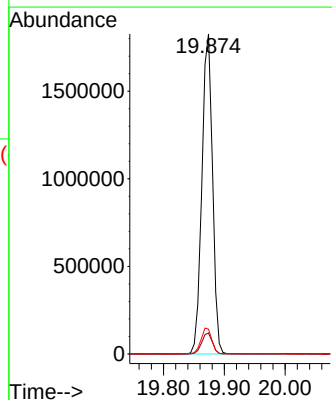
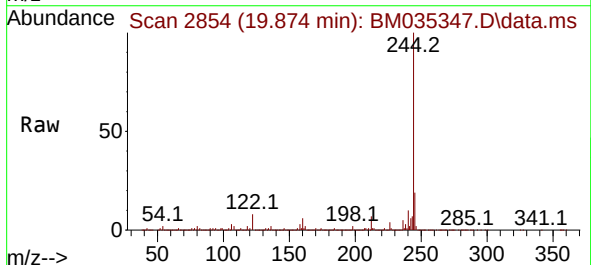
Instrument :
BNA_M
ClientSampleId :
MS-5

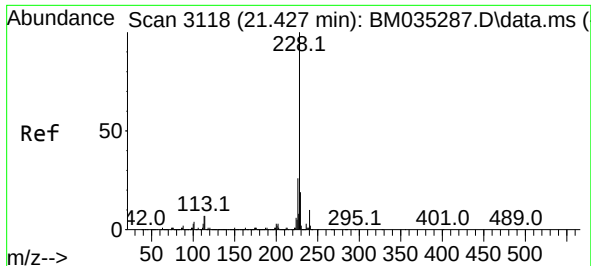
Tgt Ion:202 Resp: 409144
Ion Ratio Lower Upper
202 100
200 20.6 16.7 25.1
203 17.6 13.9 20.9



#79
Terphenyl-d14
Concen: 65.022 ng
RT: 19.874 min Scan# 2854
Delta R.T. -0.006 min
Lab File: BM035347.D
Acq: 01 Jun 2022 15:12

Tgt Ion:244 Resp: 2218895
Ion Ratio Lower Upper
244 100
212 6.5 6.2 9.4
122 7.7 8.3 12.5#

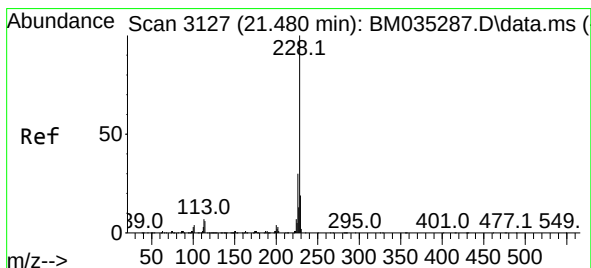
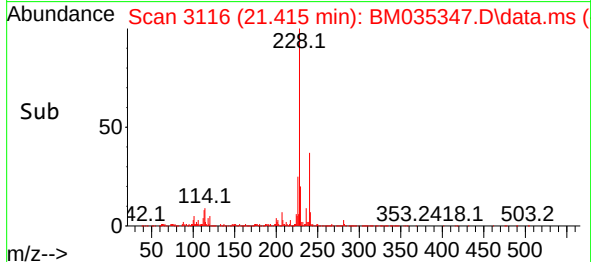
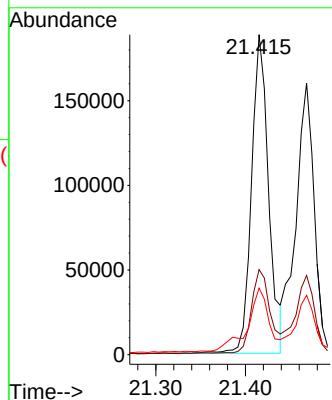
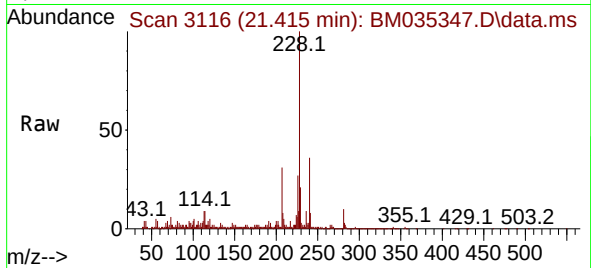




#81
Benzo(a)anthracene
Concen: 6.504 ng
RT: 21.415 min Scan# 3116
Delta R.T. -0.012 min
Lab File: BM035347.D
Acq: 01 Jun 2022 15:12

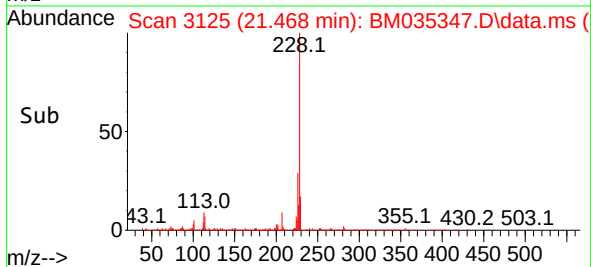
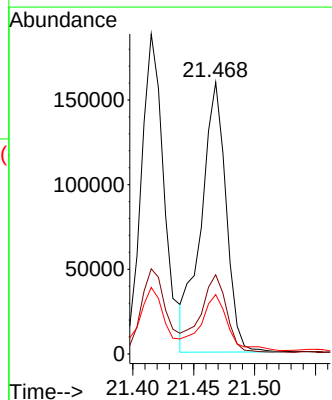
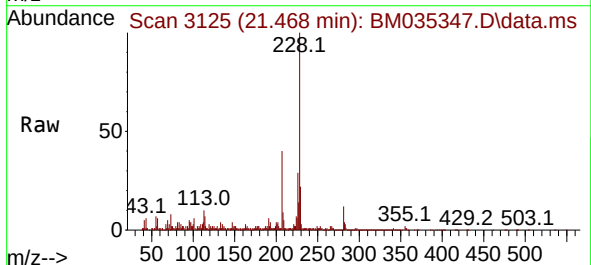
Instrument :
BNA_M
ClientSampleId :
MS-5

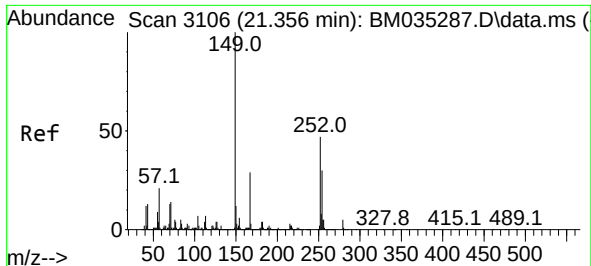
Tgt Ion:228 Resp: 248715
Ion Ratio Lower Upper
228 100
226 26.6 22.3 33.5
229 20.8 15.8 23.6



#83
Chrysene
Concen: 6.286 ng
RT: 21.468 min Scan# 3125
Delta R.T. -0.012 min
Lab File: BM035347.D
Acq: 01 Jun 2022 15:12

Tgt Ion:228 Resp: 226901
Ion Ratio Lower Upper
228 100
226 29.1 24.4 36.6
229 21.9 15.8 23.8

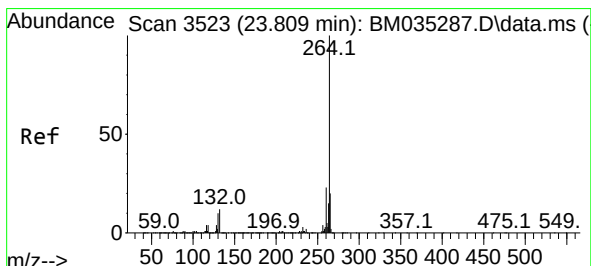
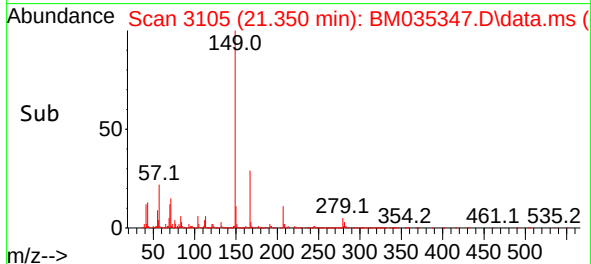
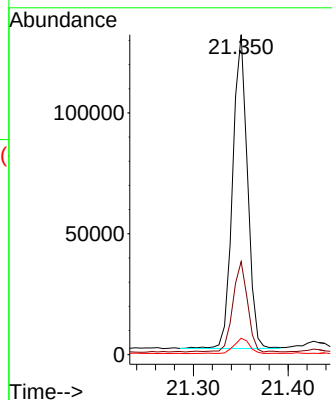
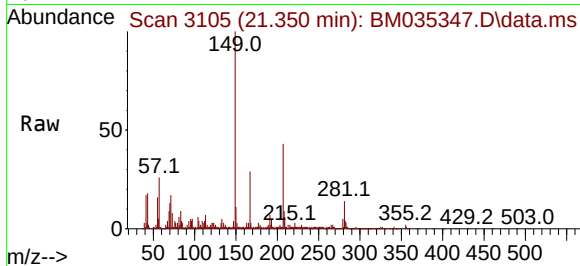




#84
 Bis(2-ethylhexyl)phthalate
 Concen: 6.601 ng
 RT: 21.350 min Scan# 3106
 Delta R.T. -0.006 min
 Lab File: BM035347.D
 Acq: 01 Jun 2022 15:12

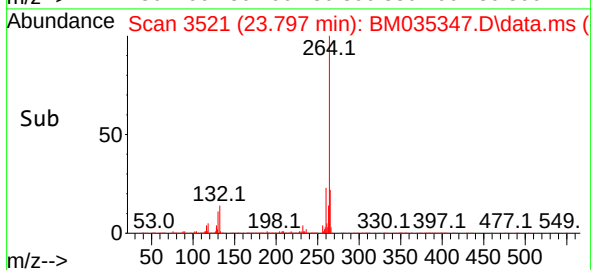
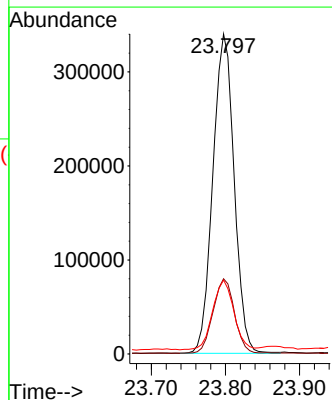
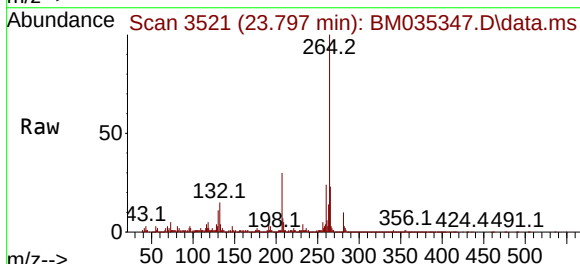
Instrument :
 BNA_M
 ClientSampleId :
 MS-5

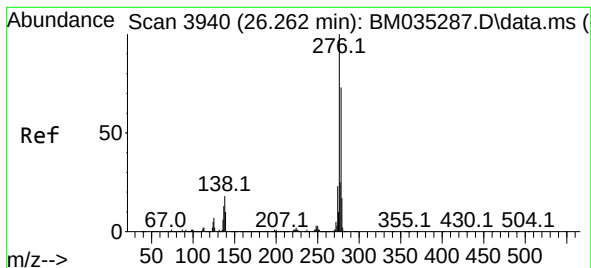
Tgt Ion:149 Resp: 141612
 Ion Ratio Lower Upper
 149 100
 167 29.1 21.1 31.7
 279 5.2 2.8 4.2#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.797 min Scan# 3521
 Delta R.T. -0.012 min
 Lab File: BM035347.D
 Acq: 01 Jun 2022 15:12

Tgt Ion:264 Resp: 677772
 Ion Ratio Lower Upper
 264 100
 260 23.5 18.9 28.3
 265 23.1 17.5 26.3





#87

Indeno(1,2,3-cd)pyrene

Concen: 3.529 ng

RT: 26.244 min Scan# 3937

Delta R.T. -0.018 min

Lab File: BM035347.D

Acq: 01 Jun 2022 15:12

Instrument :

BNA_M

ClientSampleId :

MS-5

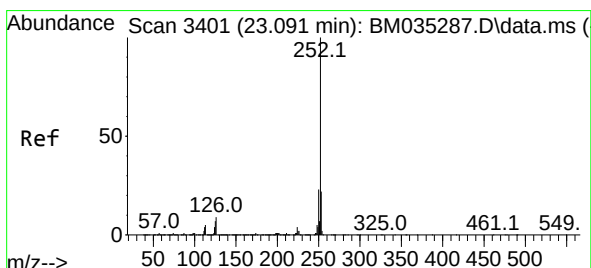
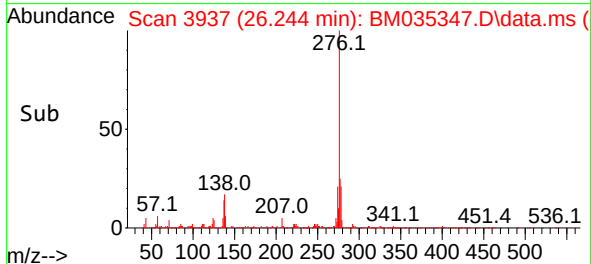
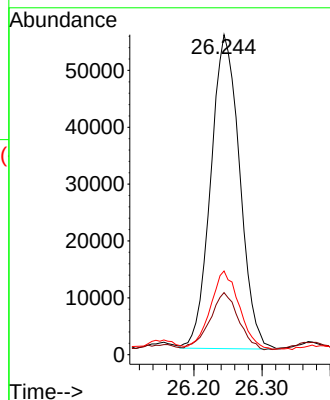
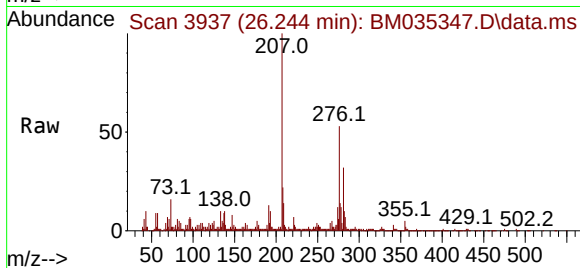
Tgt Ion:276 Resp: 162977

Ion Ratio Lower Upper

276 100

138 18.0 20.2 30.4#

277 25.1 20.2 30.2



#88

Benzo(b)fluoranthene

Concen: 8.411 ng

RT: 23.080 min Scan# 3399

Delta R.T. -0.012 min

Lab File: BM035347.D

Acq: 01 Jun 2022 15:12

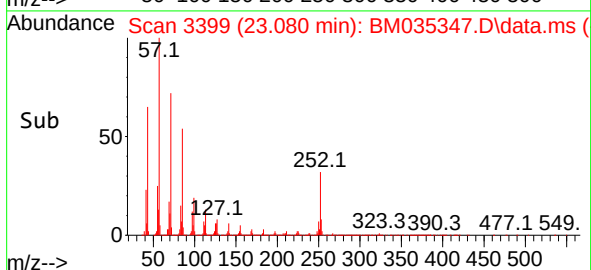
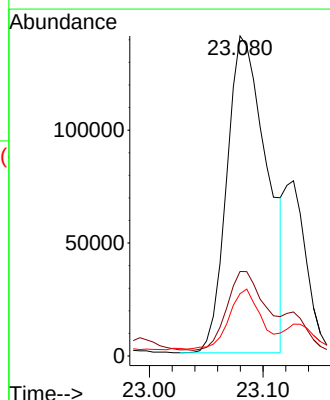
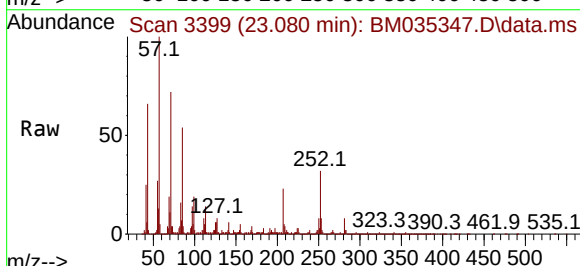
Tgt Ion:252 Resp: 343949

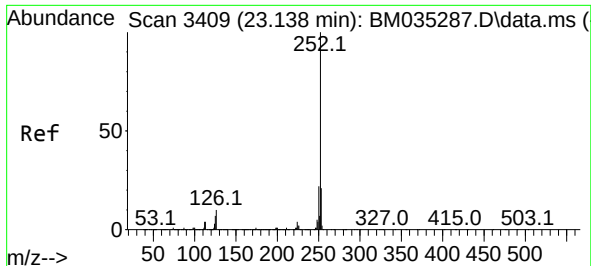
Ion Ratio Lower Upper

252 100

253 26.4 17.6 26.4#

125 19.4 7.6 11.4#

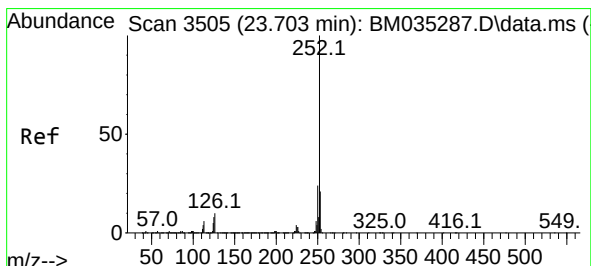
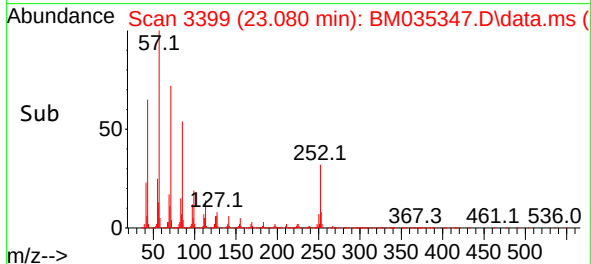
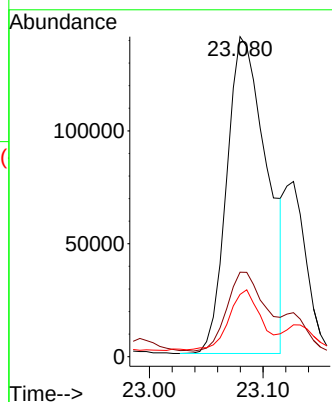
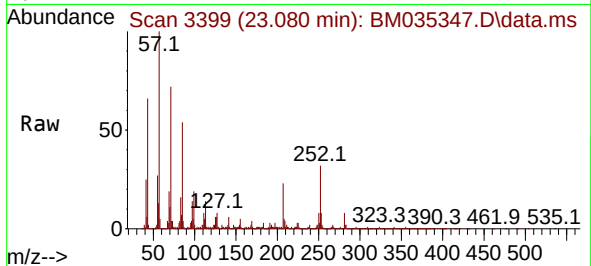




#89
Benzo(k)fluoranthene
Concen: 8.514 ng
RT: 23.080 min Scan# 31
Delta R.T. -0.059 min
Lab File: BM035347.D
Acq: 01 Jun 2022 15:12

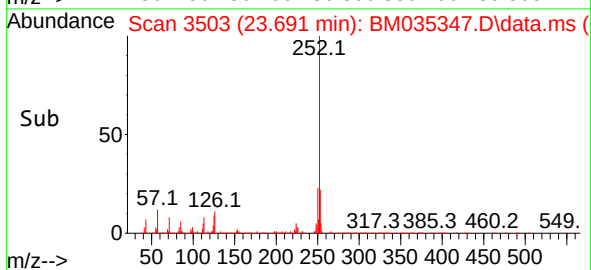
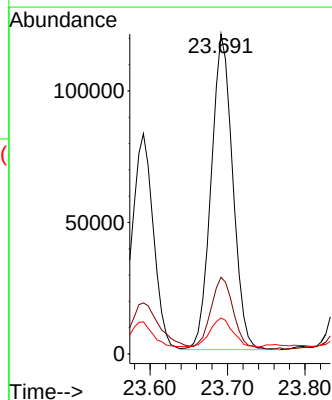
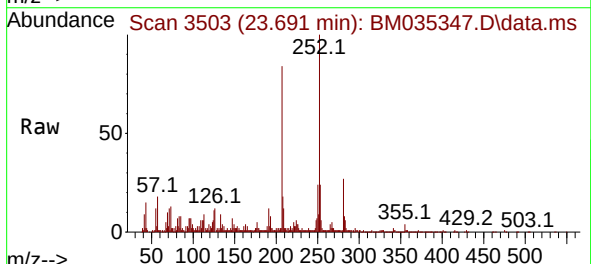
Instrument :
BNA_M
ClientSampleId :
MS-5

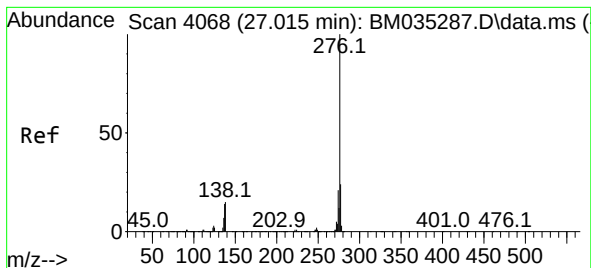
Tgt Ion:252 Resp: 343949
Ion Ratio Lower Upper
252 100
253 26.4 17.5 26.3#
125 19.4 7.6 11.4#



#90
Benzo(a)pyrene
Concen: 6.834 ng
RT: 23.691 min Scan# 3503
Delta R.T. -0.012 min
Lab File: BM035347.D
Acq: 01 Jun 2022 15:12

Tgt Ion:252 Resp: 231624
Ion Ratio Lower Upper
252 100
253 24.0 17.2 25.8
125 11.3 8.7 13.1





#92

Benzo(g,h,i)perylene

Concen: 4.197 ng

RT: 27.003 min Scan# 4066

Delta R.T. -0.012 min

Lab File: BM035347.D

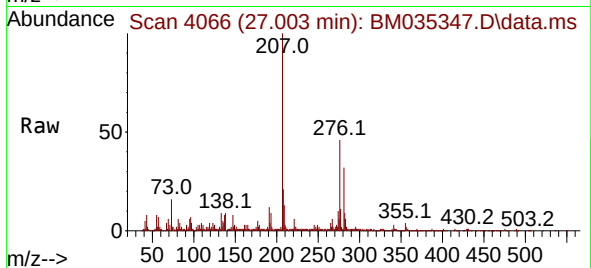
Acq: 01 Jun 2022 15:12

Instrument :

BNA_M

ClientSampleId :

MS-5



Tgt Ion:276 Resp: 160558

Ion Ratio Lower Upper

276 100

277 25.3 18.7 28.1

138 18.9 17.6 26.4

