

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM052822\
 Data File : BM035321.D
 Acq On : 28 May 2022 22:08
 Operator : CG/JU
 Sample : N2921-24 2X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 P013-SS006-0006-01

Quant Time: May 29 00:35:09 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM052722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 27 16:44:39 2022
 Response via : Initial Calibration

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

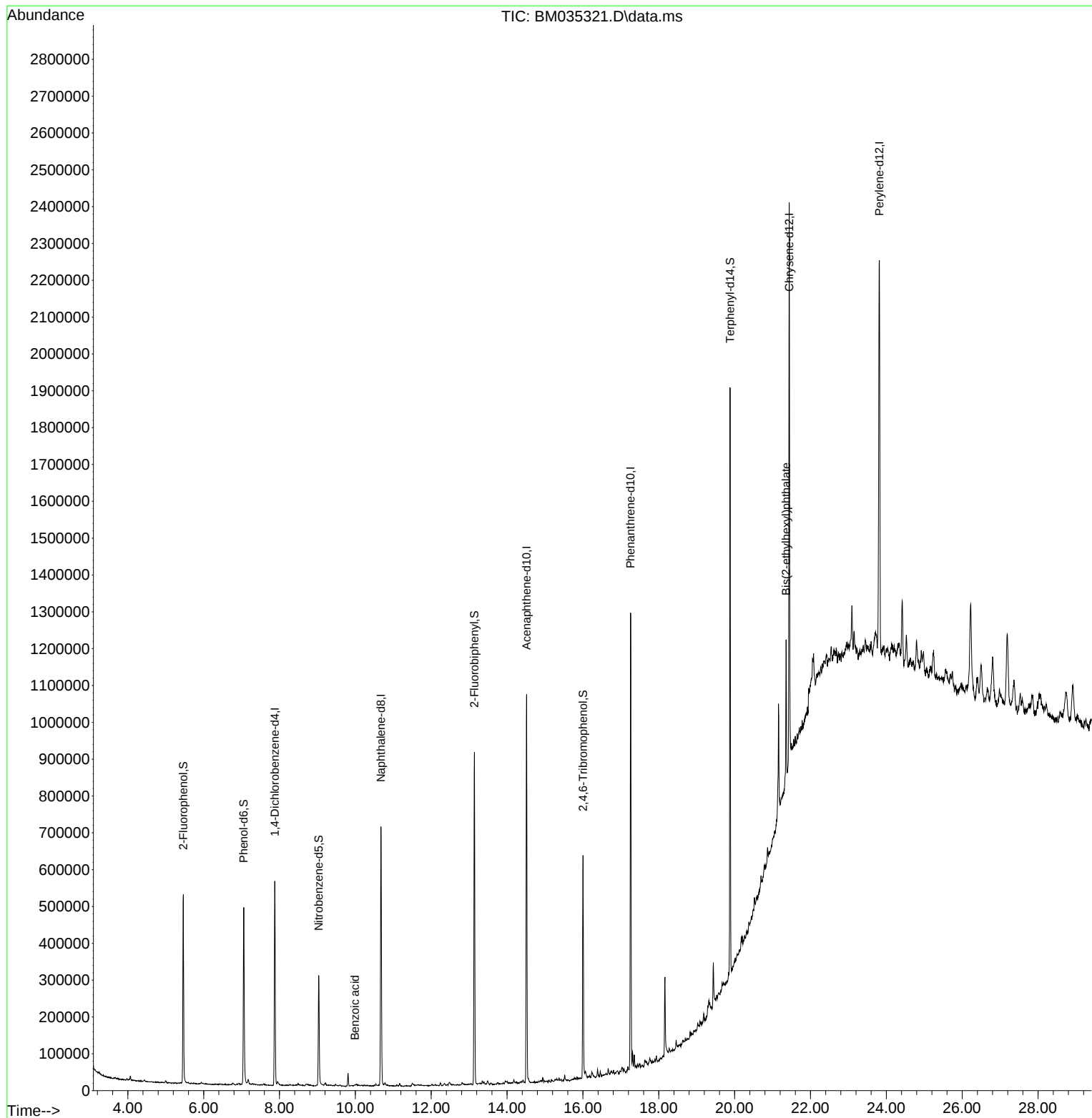
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.875	152	155942	20.000	ng	0.00
21) Naphthalene-d8	10.675	136	583239	20.000	ng	0.00
39) Acenaphthene-d10	14.516	164	360473	20.000	ng	0.00
64) Phenanthrene-d10	17.257	188	745716	20.000	ng	0.00
76) Chrysene-d12	21.439	240	699329	20.000	ng	# 0.00
86) Perylene-d12	23.815	264	830147	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.463	112	229357	27.156	ng	0.00
7) Phenol-d6	7.057	99	285188	26.077	ng	0.00
23) Nitrobenzene-d5	9.034	82	180018	16.991	ng	0.00
42) 2,4,6-Tribromophenol	16.004	330	117354	25.095	ng	0.00
45) 2-Fluorobiphenyl	13.139	172	481306	18.516	ng	0.00
79) Terphenyl-d14	19.880	244	734908	18.621	ng	0.00
Target Compounds						
32) Benzoic acid	9.986	122	1136	3.073	ng	# 84
84) Bis(2-ethylhexyl)phtha...	21.356	149	128114	5.164	ng	# 97

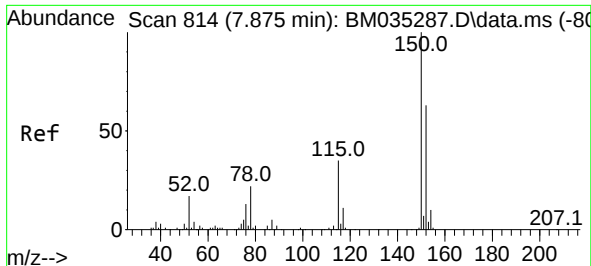
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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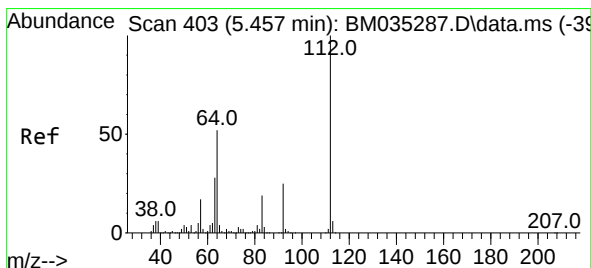
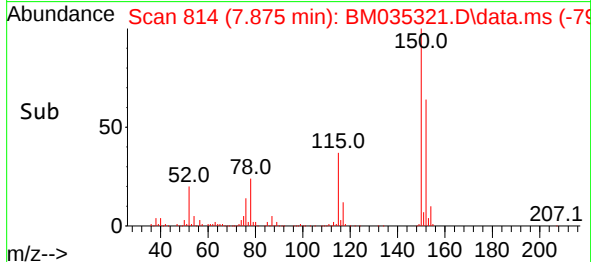
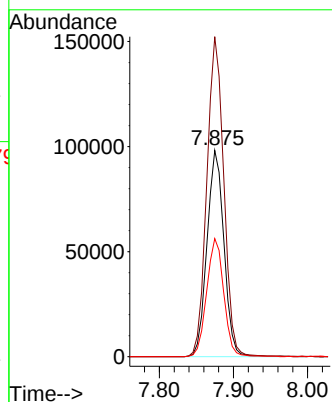
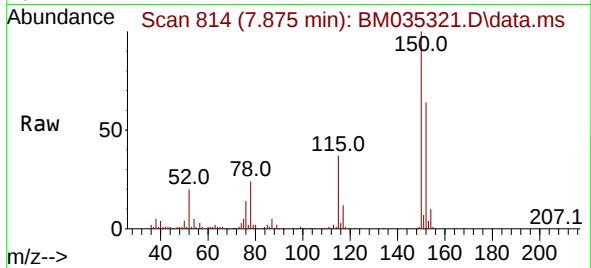




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.875 min Scan# 814
Delta R.T. -0.000 min
Lab File: BM035321.D
Acq: 28 May 2022 22:08

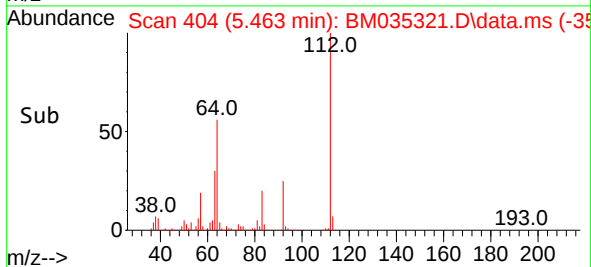
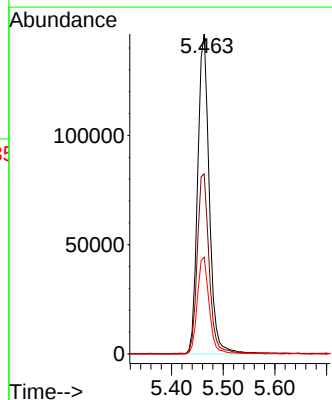
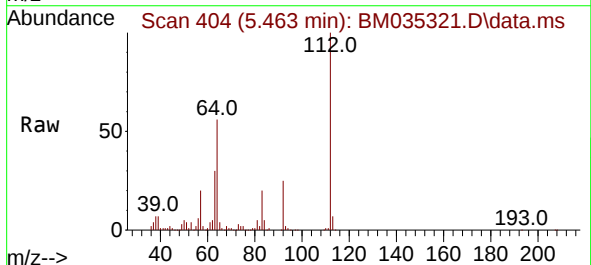
Instrument :
BNA_M
ClientSampleId :
P013-SS006-0006-01

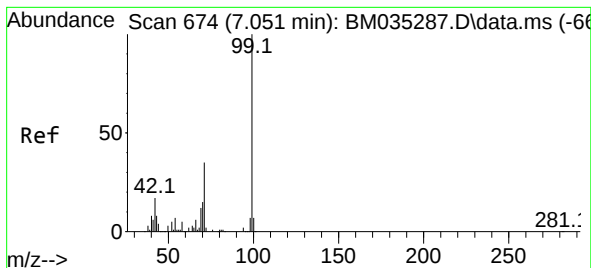
Tgt Ion:152 Resp: 155942
Ion Ratio Lower Upper
152 100
150 155.1 124.9 187.3
115 57.3 47.9 71.9



#5
2-Fluorophenol
Concen: 27.156 ng
RT: 5.463 min Scan# 404
Delta R.T. 0.006 min
Lab File: BM035321.D
Acq: 28 May 2022 22:08

Tgt Ion:112 Resp: 229357
Ion Ratio Lower Upper
112 100
64 56.3 47.8 71.6
63 30.3 26.6 40.0





#7

Phenol-d6

Concen: 26.077 ng

RT: 7.057 min Scan# 61

Delta R.T. 0.006 min

Lab File: BM035321.D

Acq: 28 May 2022 22:08

Instrument :

BNA_M

ClientSampleId :

P013-SS006-0006-01

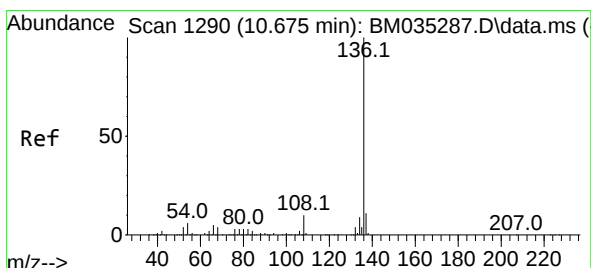
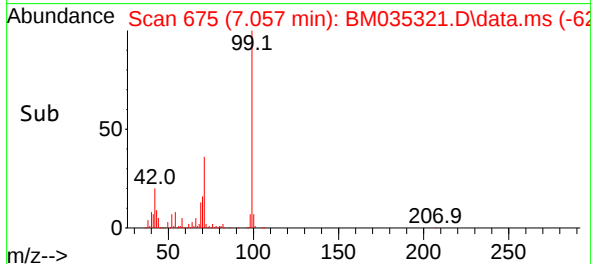
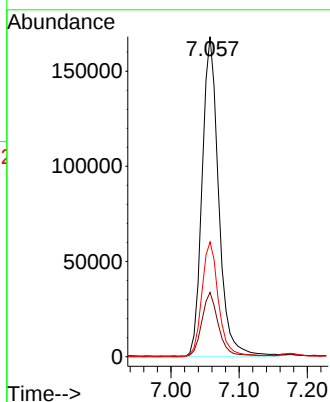
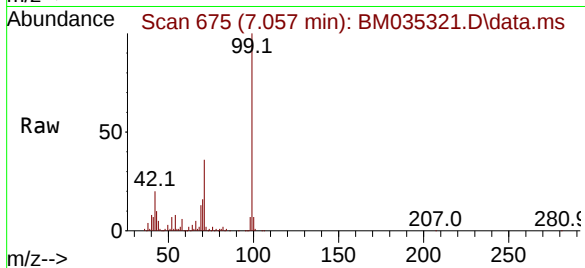
Tgt Ion: 99 Resp: 285188

Ion Ratio Lower Upper

99 100

42 20.1 18.8 28.2

71 35.8 30.2 45.2



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.675 min Scan# 1290

Delta R.T. -0.000 min

Lab File: BM035321.D

Acq: 28 May 2022 22:08

Tgt Ion: 136 Resp: 583239

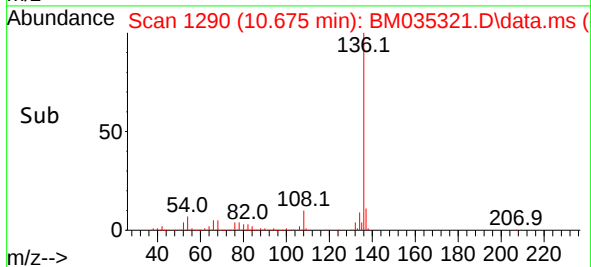
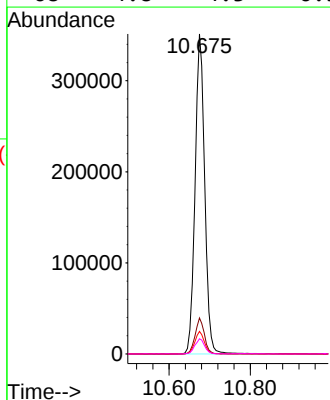
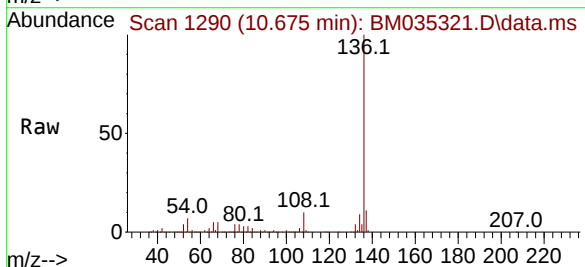
Ion Ratio Lower Upper

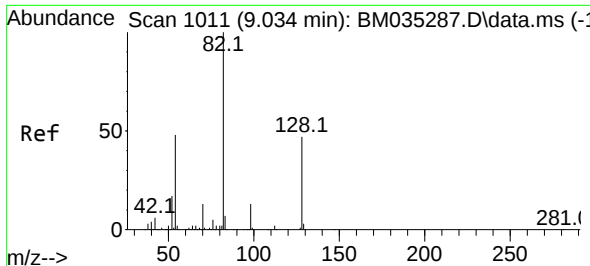
136 100

137 11.2 8.9 13.3

54 7.0 7.0 10.4

68 4.8 4.3 6.5

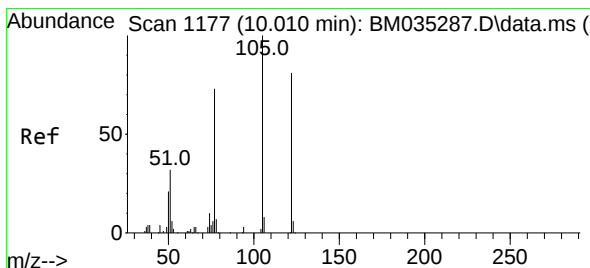
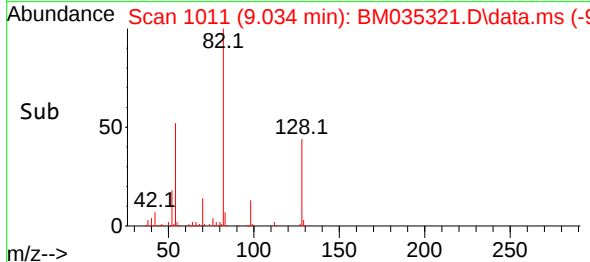
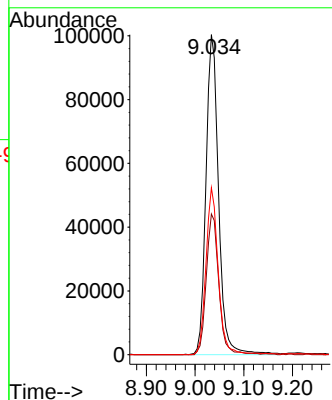
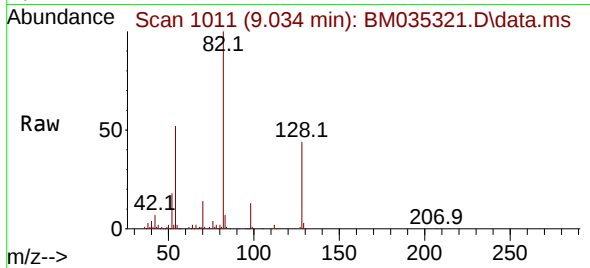




#23
Nitrobenzene-d5
Concen: 16.991 ng
RT: 9.034 min Scan# 1011
Delta R.T. -0.000 min
Lab File: BM035321.D
Acq: 28 May 2022 22:08

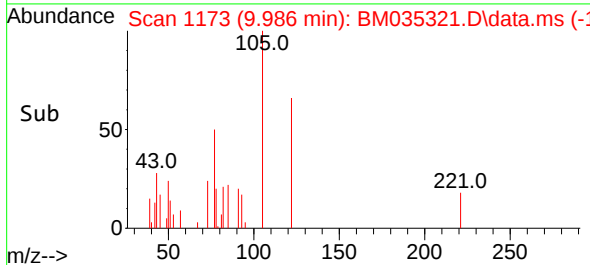
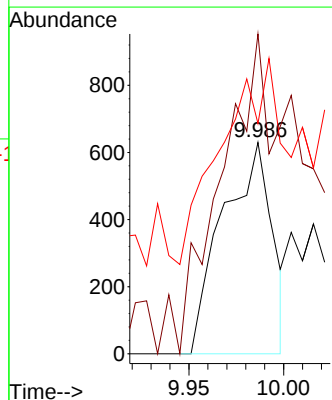
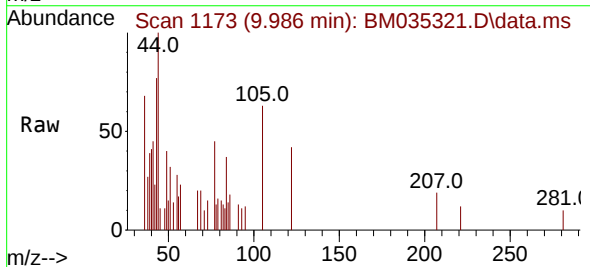
Instrument :
BNA_M
ClientSampleId :
P013-SS006-0006-01

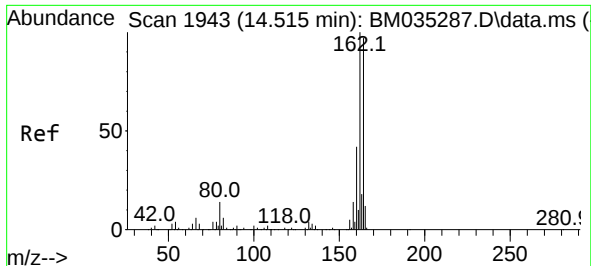
Tgt Ion: 82 Resp: 180018
Ion Ratio Lower Upper
82 100
128 44.0 33.7 50.5
54 52.1 43.2 64.8



#32
Benzoic acid
Concen: 3.073 ng
RT: 9.986 min Scan# 1173
Delta R.T. -0.024 min
Lab File: BM035321.D
Acq: 28 May 2022 22:08

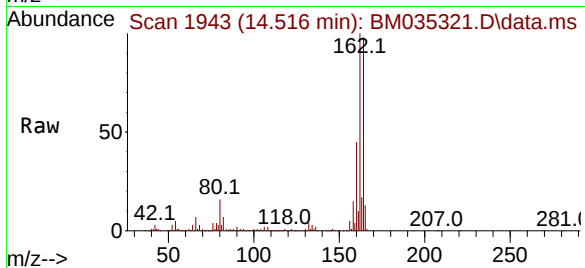
Tgt Ion:122 Resp: 1136
Ion Ratio Lower Upper
122 100
105 151.3 105.7 145.7#
77 108.9 80.0 120.0



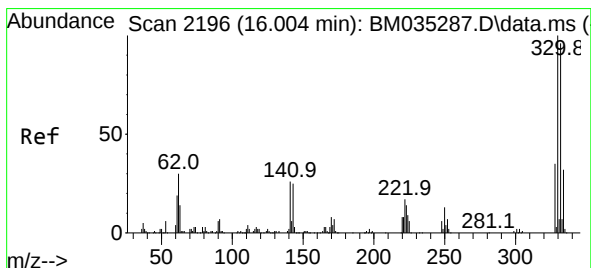
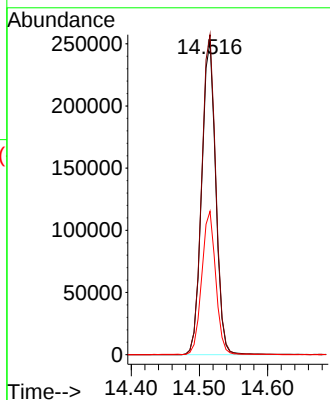
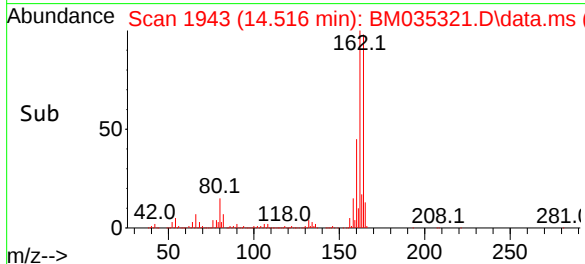


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.516 min Scan# 1943
Delta R.T. 0.001 min
Lab File: BM035321.D
Acq: 28 May 2022 22:08

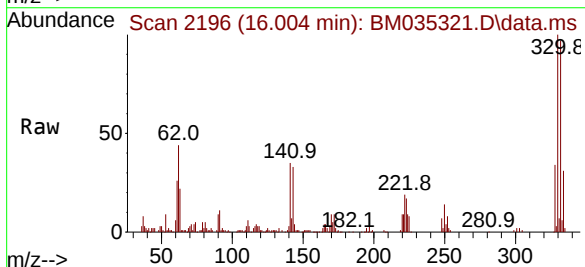
Instrument :
BNA_M
ClientSampleId :
P013-SS006-0006-01



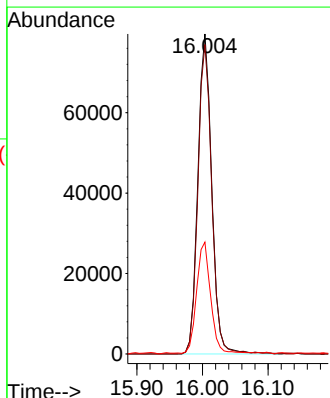
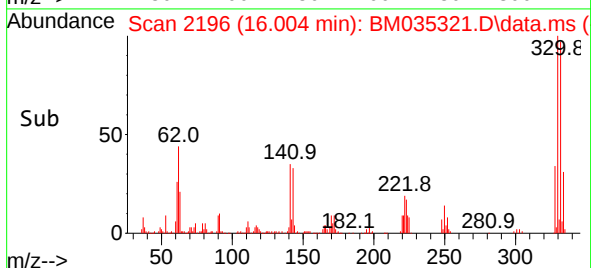
Tgt Ion:164 Resp: 360473
Ion Ratio Lower Upper
164 100
162 102.2 83.0 124.6
160 45.8 37.0 55.4

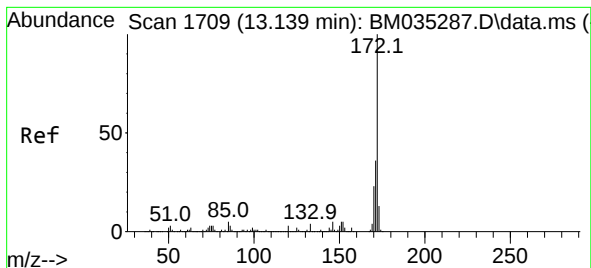


#42
2,4,6-Tribromophenol
Concen: 25.095 ng
RT: 16.004 min Scan# 2196
Delta R.T. -0.000 min
Lab File: BM035321.D
Acq: 28 May 2022 22:08



Tgt Ion:330 Resp: 117354
Ion Ratio Lower Upper
330 100
332 96.3 77.0 115.4
141 34.7 35.3 52.9#





#45

2-Fluorobiphenyl

Concen: 18.516 ng

RT: 13.139 min Scan# 1

Delta R.T. 0.000 min

Lab File: BM035321.D

Acq: 28 May 2022 22:08

Instrument :

BNA_M

ClientSampleId :

P013-SS006-0006-01

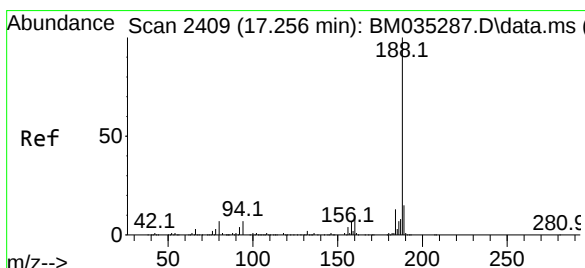
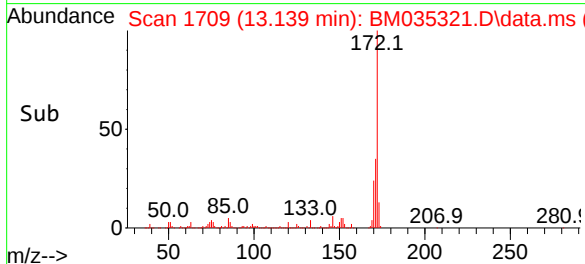
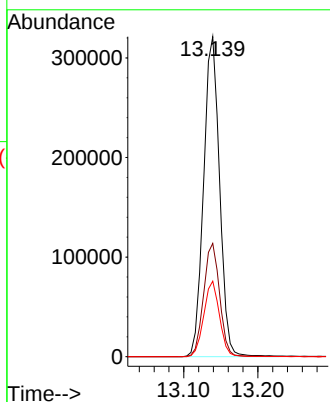
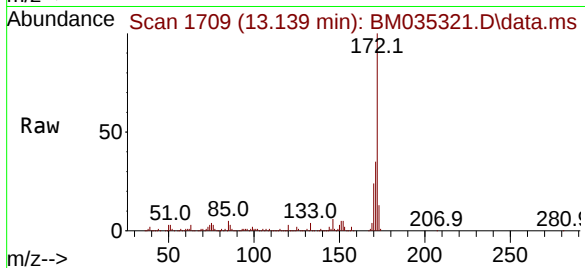
Tgt Ion:172 Resp: 481306

Ion Ratio Lower Upper

172 100

171 35.4 28.5 42.7

170 23.6 18.7 28.1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.257 min Scan# 2409

Delta R.T. 0.000 min

Lab File: BM035321.D

Acq: 28 May 2022 22:08

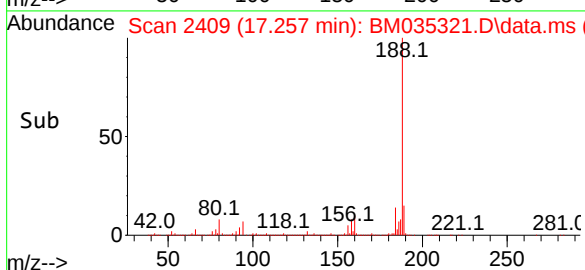
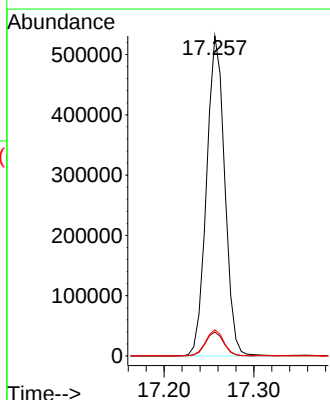
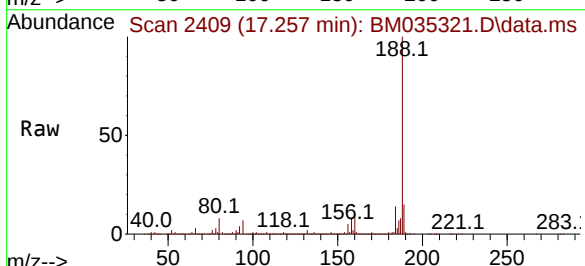
Tgt Ion:188 Resp: 745716

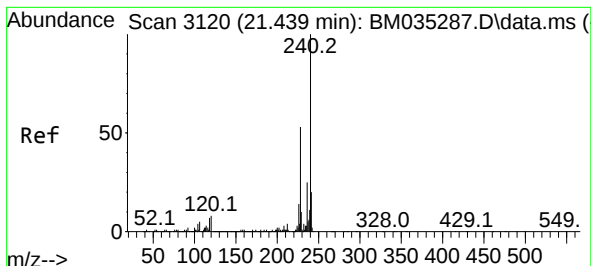
Ion Ratio Lower Upper

188 100

94 7.5 7.0 10.4

80 8.2 7.6 11.4





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.439 min Scan# 31

Delta R.T. -0.000 min

Lab File: BM035321.D

Acq: 28 May 2022 22:08

Instrument :

BNA_M

ClientSampleId :

P013-SS006-0006-01

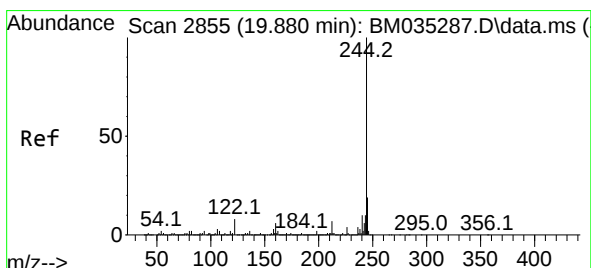
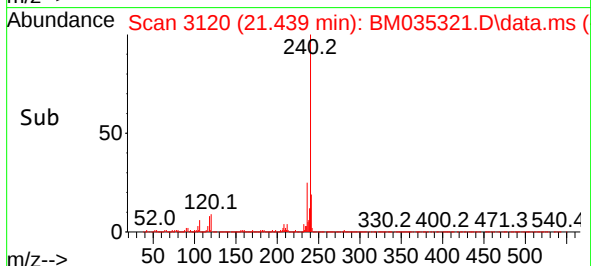
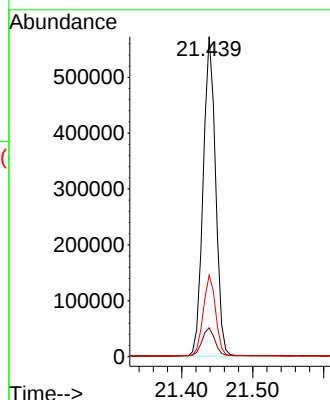
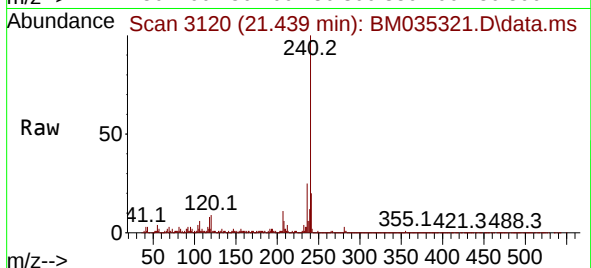
Tgt Ion:240 Resp: 699329

Ion Ratio Lower Upper

240 100

120 9.1 9.4 14.0#

236 25.5 20.6 30.8



#79

Terphenyl-d14

Concen: 18.621 ng

RT: 19.880 min Scan# 2855

Delta R.T. -0.000 min

Lab File: BM035321.D

Acq: 28 May 2022 22:08

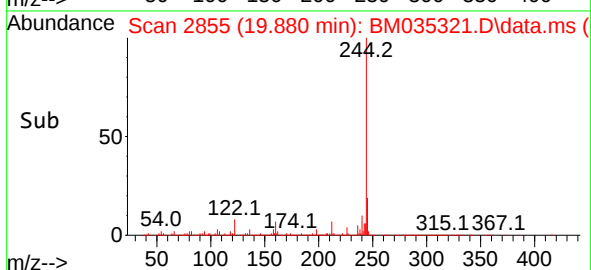
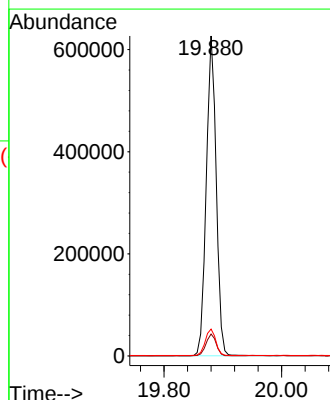
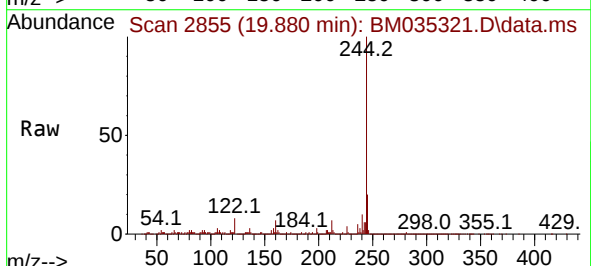
Tgt Ion:244 Resp: 734908

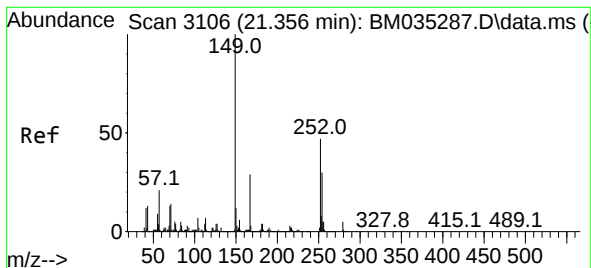
Ion Ratio Lower Upper

244 100

212 6.9 6.2 9.4

122 8.4 8.3 12.5

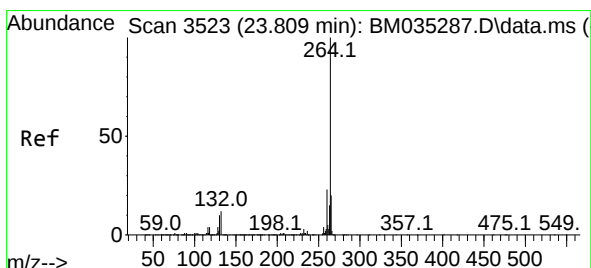
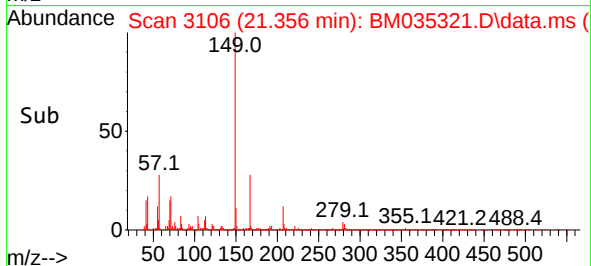
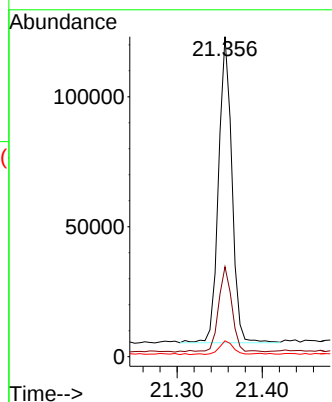
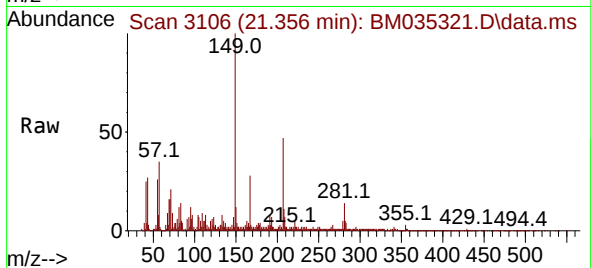




#84
 Bis(2-ethylhexyl)phthalate
 Concen: 5.164 ng
 RT: 21.356 min Scan# 3106
 Delta R.T. 0.000 min
 Lab File: BM035321.D
 Acq: 28 May 2022 22:08

Instrument :
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 P013-SS006-0006-01

Tgt Ion:149 Resp: 128114
 Ion Ratio Lower Upper
 149 100
 167 28.1 21.1 31.7
 279 5.0 2.8 4.2#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.815 min Scan# 3524
 Delta R.T. 0.006 min
 Lab File: BM035321.D
 Acq: 28 May 2022 22:08

Tgt Ion:264 Resp: 830147
 Ion Ratio Lower Upper
 264 100
 260 23.9 18.9 28.3
 265 22.9 17.5 26.3

