

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM053122\
 Data File : BM035334.D
 Acq On : 31 May 2022 20:23
 Operator : CG/JU
 Sample : N2952-27
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 P043-SS001-0612-01

Quant Time: Jun 01 03:49:32 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)

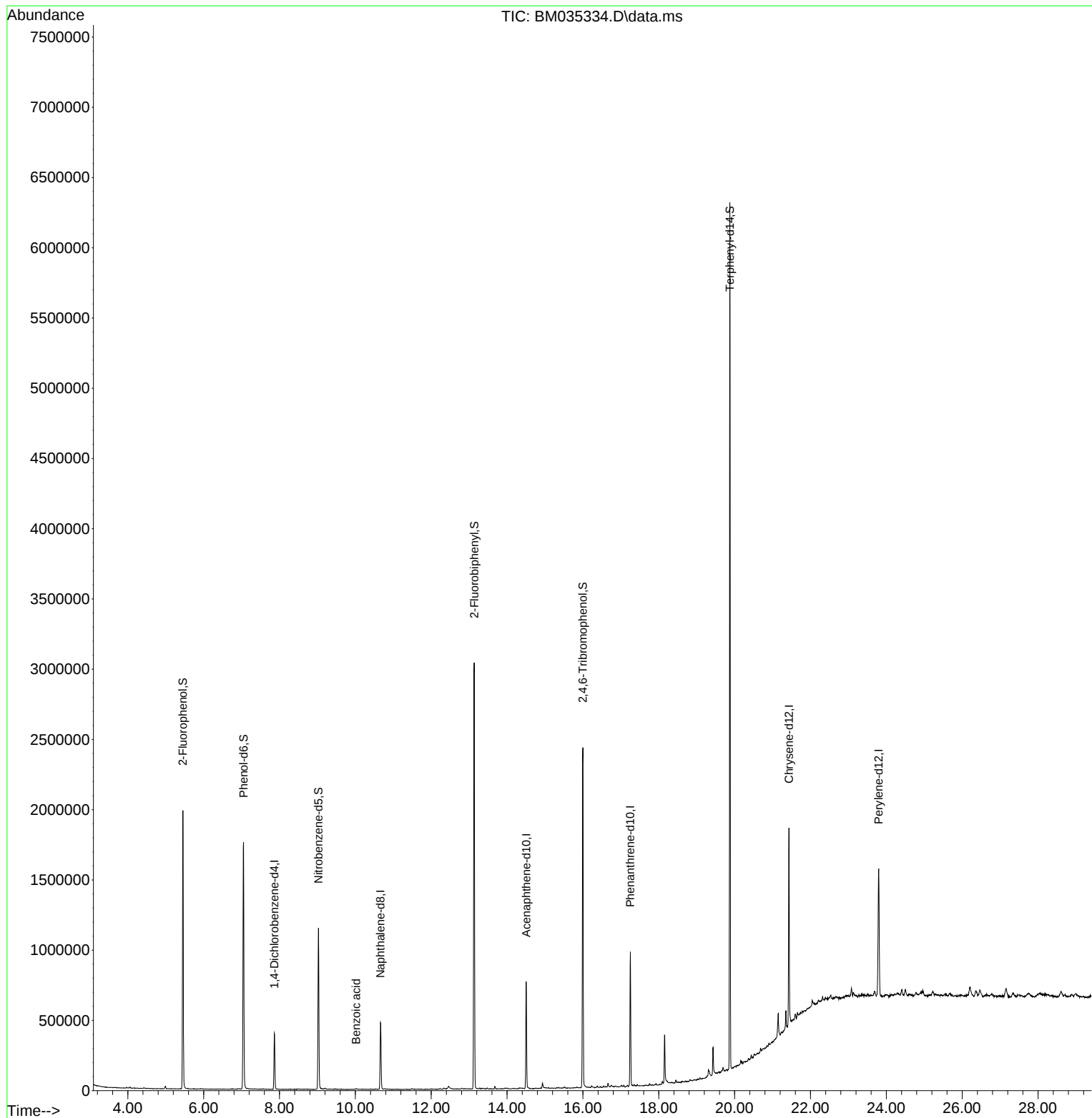
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.863	152	117198	20.000	ng	-0.01
21) Naphthalene-d8	10.663	136	420165	20.000	ng	#-0.01
39) Acenaphthene-d10	14.504	164	256257	20.000	ng	-0.01
64) Phenanthrene-d10	17.251	188	576510	20.000	ng	# 0.00
76) Chrysene-d12	21.433	240	659880	20.000	ng	# 0.00
86) Perylene-d12	23.797	264	697276	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.451	112	851971	134.222	ng	0.00
7) Phenol-d6	7.051	99	1032242	125.590	ng	0.00
23) Nitrobenzene-d5	9.028	82	647251	84.800	ng	0.00
42) 2,4,6-Tribromophenol	15.998	330	491273	147.778	ng	0.00
45) 2-Fluorobiphenyl	13.133	172	1655398	89.583	ng	0.00
79) Terphenyl-d14	19.874	244	2975018	79.889	ng	0.00
Target Compounds						
32) Benzoic acid	10.022	122	347	2.976	ng	Qvalue 84

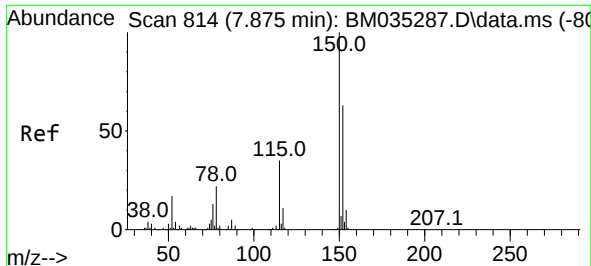
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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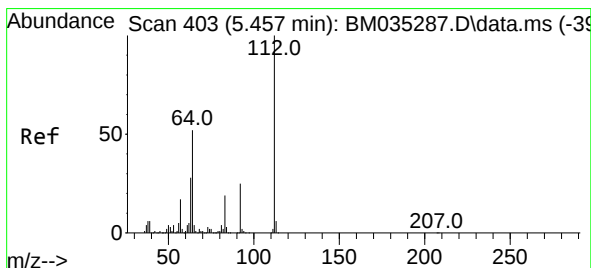
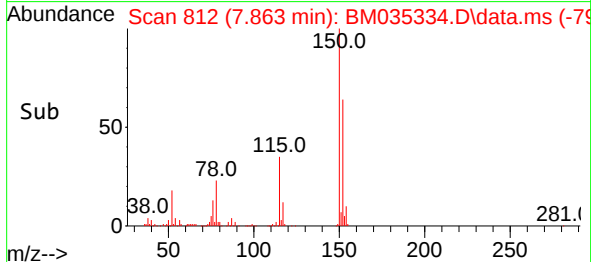
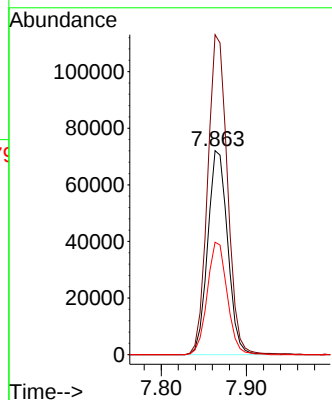
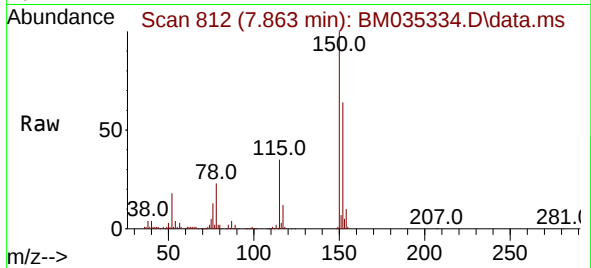




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.863 min Scan# 814
 Delta R.T. -0.012 min
 Lab File: BM035334.D
 Acq: 31 May 2022 20:23

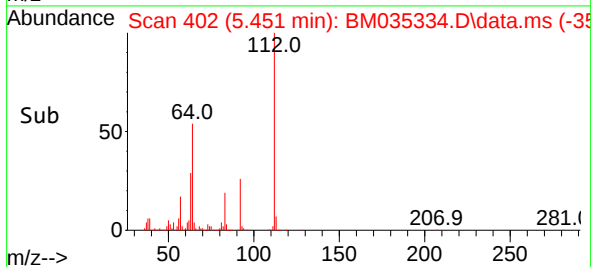
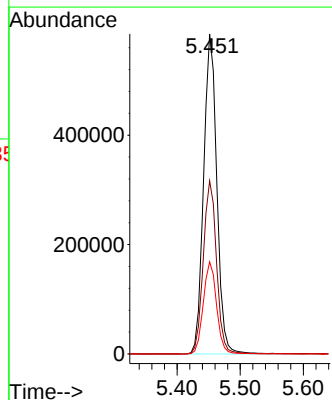
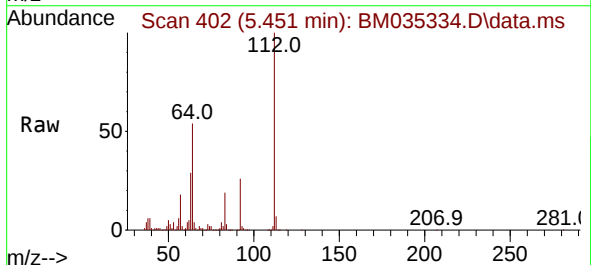
Instrument :
 BNA_M
 ClientSampleId :
 P043-SS001-0612-01

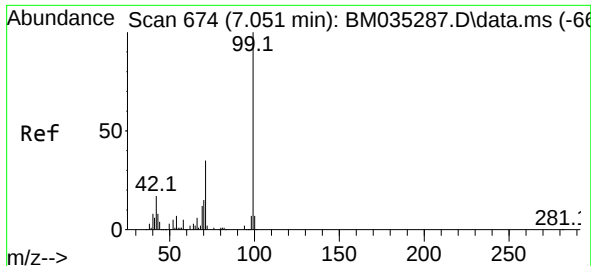
Tgt Ion:152 Resp: 117198
 Ion Ratio Lower Upper
 152 100
 150 156.9 124.9 187.3
 115 55.1 47.9 71.9



#5
 2-Fluorophenol
 Concen: 134.222 ng
 RT: 5.451 min Scan# 402
 Delta R.T. -0.006 min
 Lab File: BM035334.D
 Acq: 31 May 2022 20:23

Tgt Ion:112 Resp: 851971
 Ion Ratio Lower Upper
 112 100
 64 54.1 47.8 71.6
 63 28.8 26.6 40.0

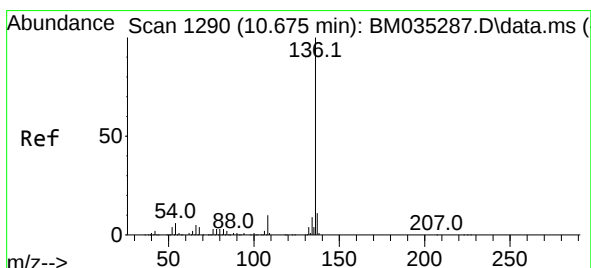
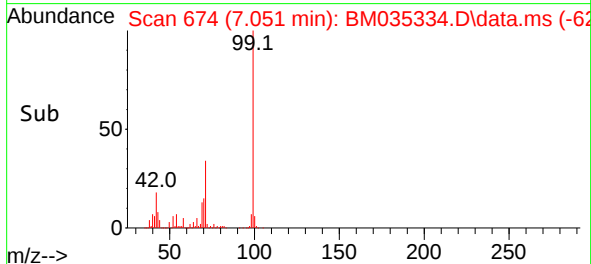
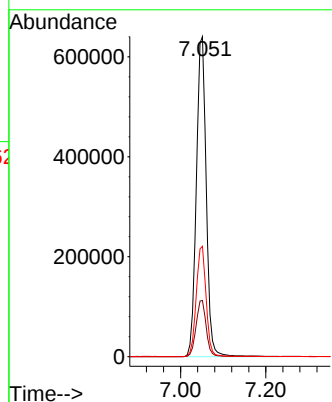
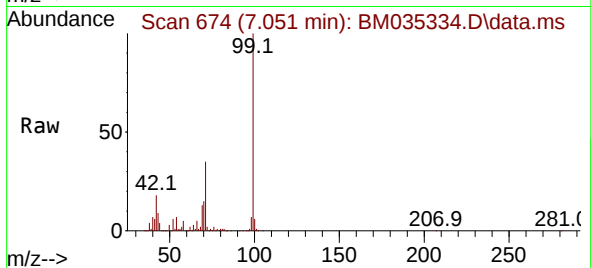




#7
Phenol-d6
Concen: 125.590 ng
RT: 7.051 min Scan# 61
Delta R.T. 0.000 min
Lab File: BM035334.D
Acq: 31 May 2022 20:23

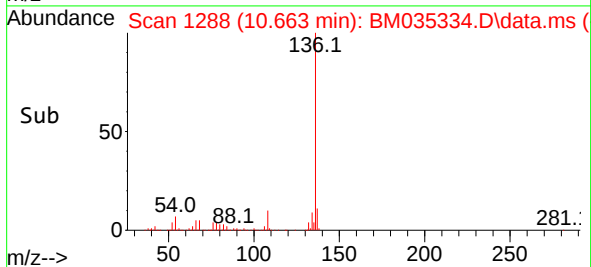
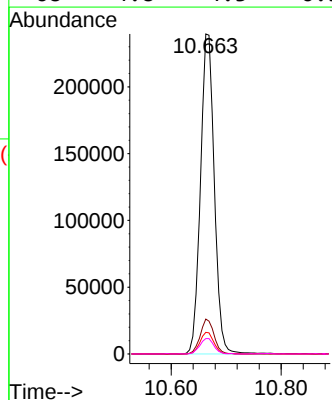
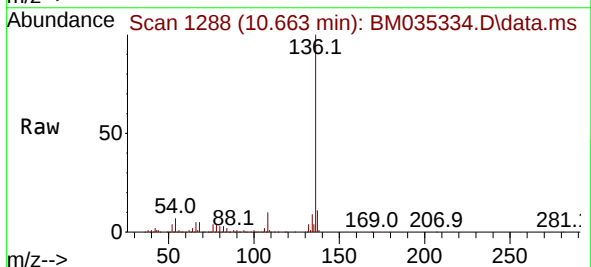
Instrument :
BNA_M
ClientSampleId :
P043-SS001-0612-01

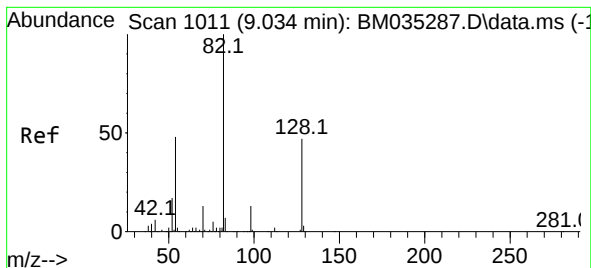
Tgt Ion: 99 Resp: 1032242
Ion Ratio Lower Upper
99 100
42 17.6 18.8 28.2#
71 34.5 30.2 45.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.663 min Scan# 1288
Delta R.T. -0.012 min
Lab File: BM035334.D
Acq: 31 May 2022 20:23

Tgt Ion:136 Resp: 420165
Ion Ratio Lower Upper
136 100
137 10.9 8.9 13.3
54 6.8 7.0 10.4#
68 4.8 4.3 6.5





#23

Nitrobenzene-d5

Concen: 84.800 ng

RT: 9.028 min Scan# 1010

Delta R.T. -0.006 min

Lab File: BM035334.D

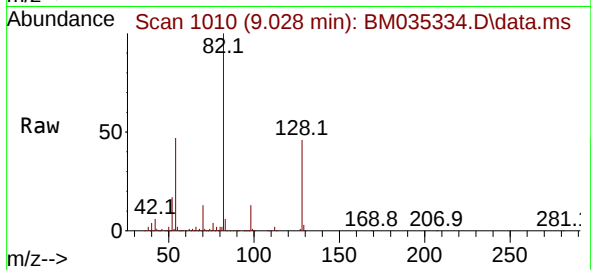
Acq: 31 May 2022 20:23

Instrument :

BNA_M

ClientSampleId :

P043-SS001-0612-01



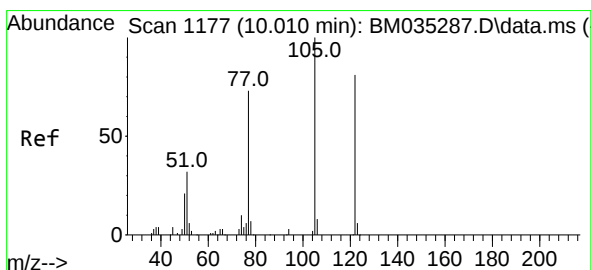
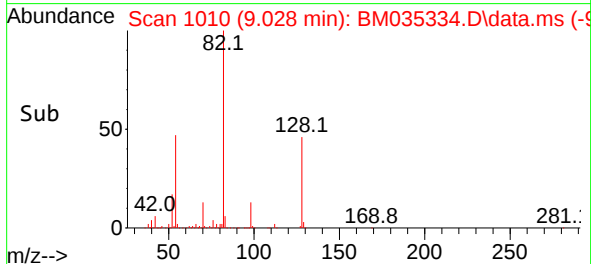
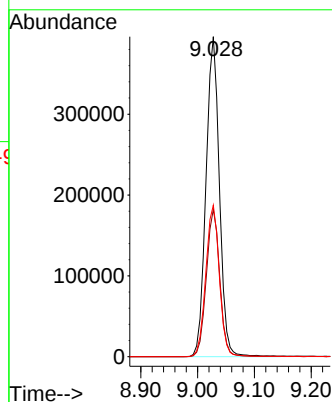
Tgt Ion: 82 Resp: 647251

Ion Ratio Lower Upper

82 100

128 46.1 33.7 50.5

54 47.3 43.2 64.8



#32

Benzoic acid

Concen: 2.976 ng

RT: 10.022 min Scan# 1179

Delta R.T. 0.012 min

Lab File: BM035334.D

Acq: 31 May 2022 20:23

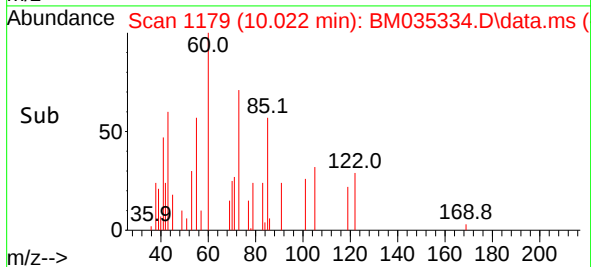
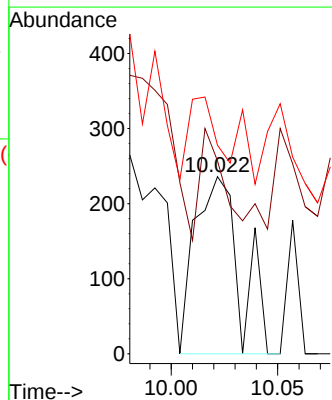
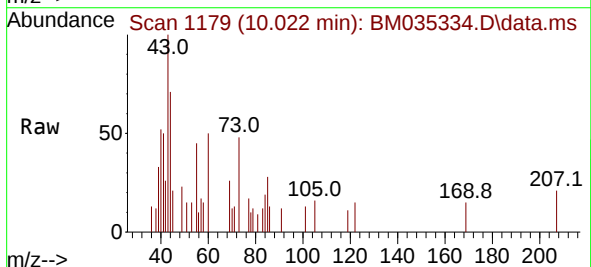
Tgt Ion:122 Resp: 347

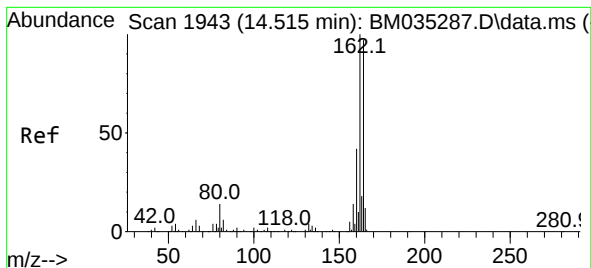
Ion Ratio Lower Upper

122 100

105 108.9 105.7 145.7

77 117.8 80.0 120.0





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.504 min Scan# 1941

Delta R.T. -0.011 min

Lab File: BM035334.D

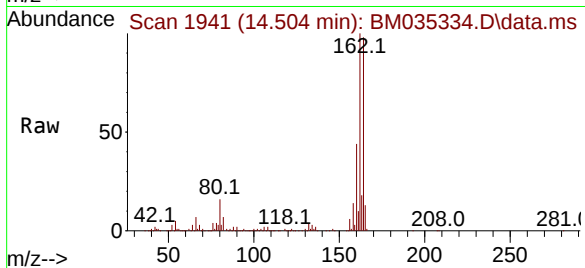
Acq: 31 May 2022 20:23

Instrument :

BNA_M

ClientSampleId :

P043-SS001-0612-01



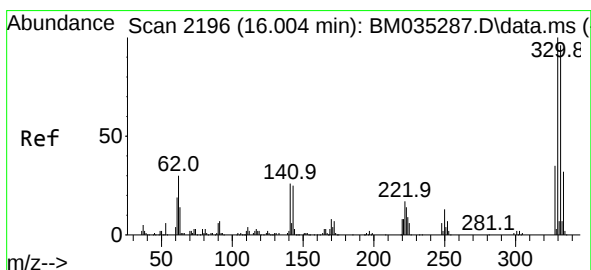
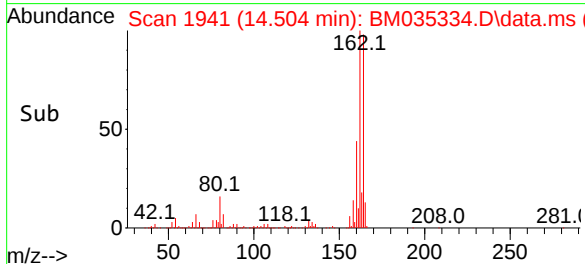
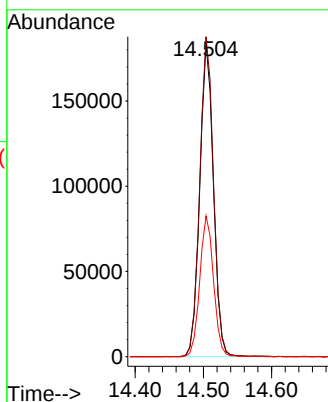
Tgt Ion:164 Resp: 256257

Ion Ratio Lower Upper

164 100

162 102.3 83.0 124.6

160 45.0 37.0 55.4



#42

2,4,6-Tribromophenol

Concen: 147.778 ng

RT: 15.998 min Scan# 2195

Delta R.T. -0.006 min

Lab File: BM035334.D

Acq: 31 May 2022 20:23

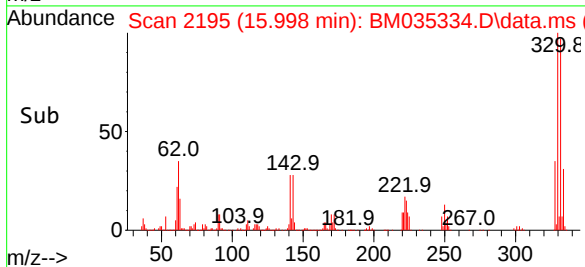
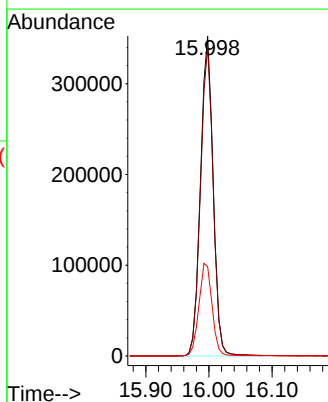
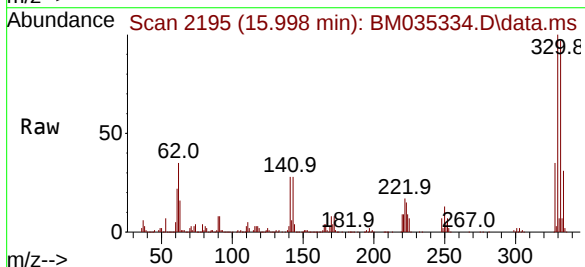
Tgt Ion:330 Resp: 491273

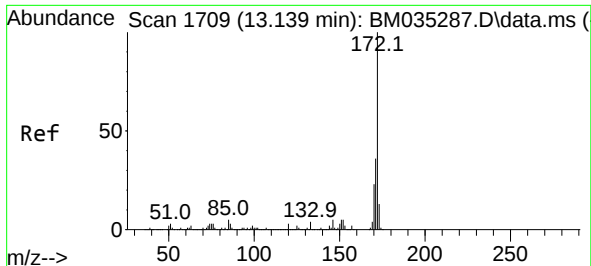
Ion Ratio Lower Upper

330 100

332 97.1 77.0 115.4

141 30.1 35.3 52.9#

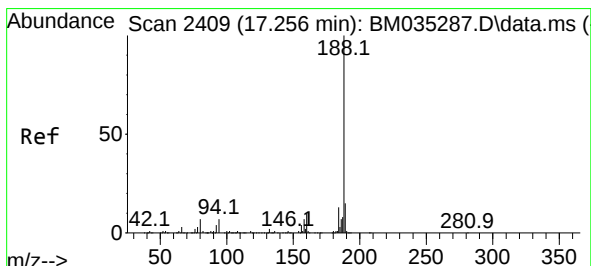
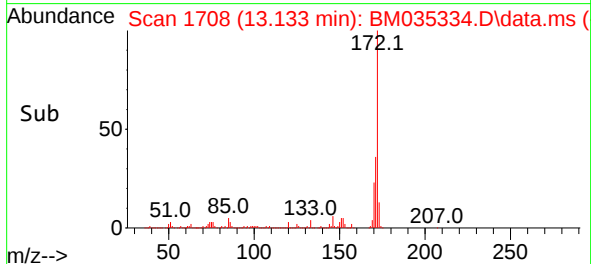
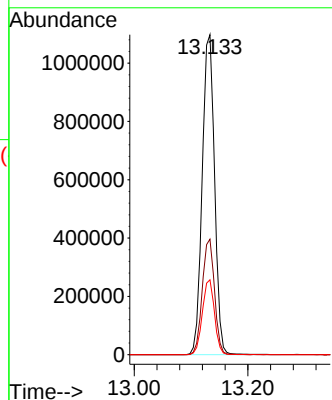
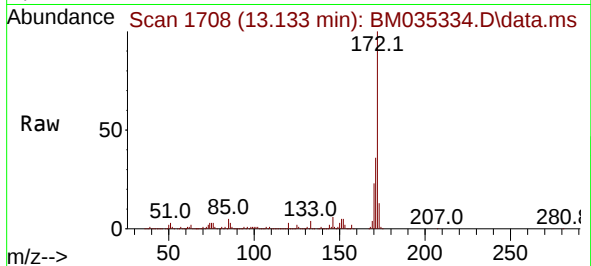




#45
2-Fluorobiphenyl
Concen: 89.583 ng
RT: 13.133 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM035334.D
Acq: 31 May 2022 20:23

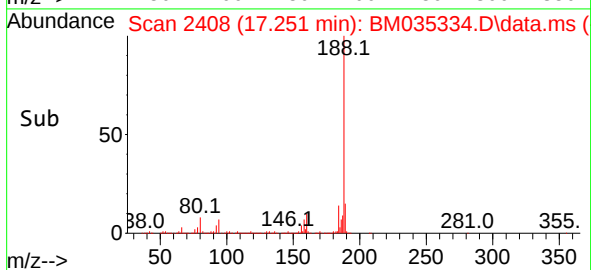
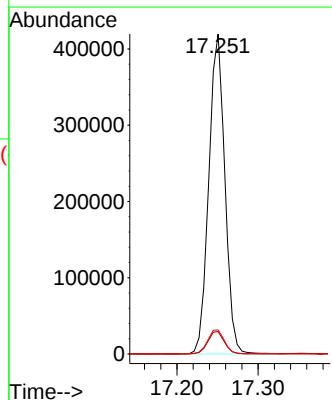
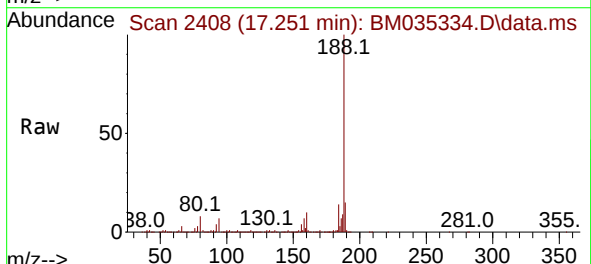
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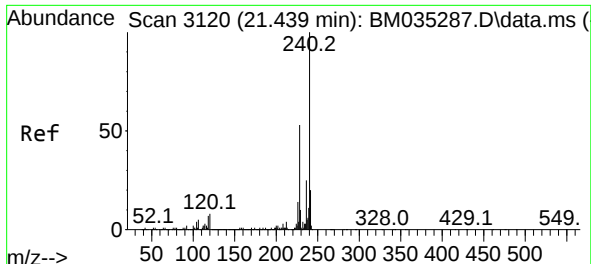
Tgt Ion:172 Resp: 1655398
Ion Ratio Lower Upper
172 100
171 36.1 28.5 42.7
170 23.4 18.7 28.1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.251 min Scan# 2408
Delta R.T. -0.006 min
Lab File: BM035334.D
Acq: 31 May 2022 20:23

Tgt Ion:188 Resp: 576510
Ion Ratio Lower Upper
188 100
94 7.0 7.0 10.4
80 7.5 7.6 11.4#

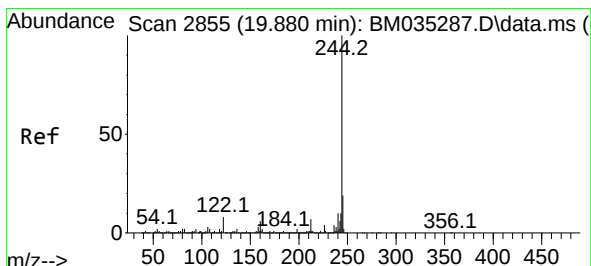
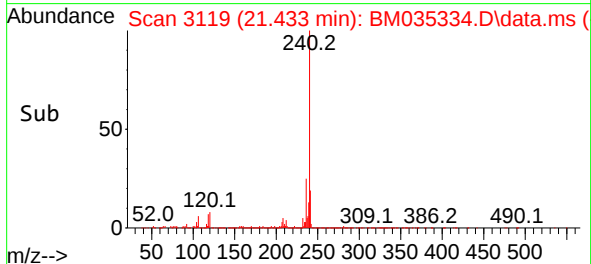
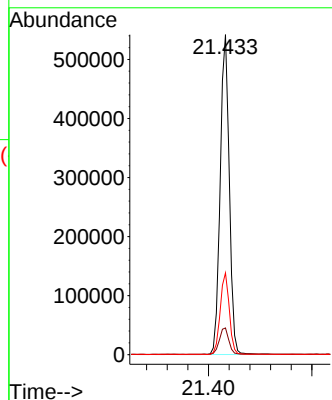
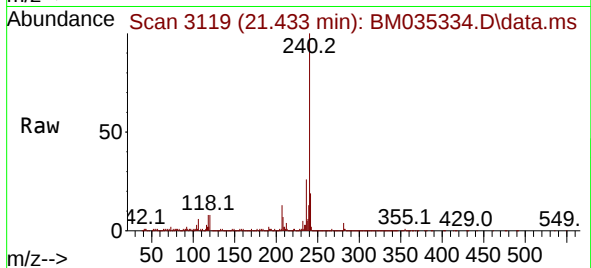




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.433 min Scan# 31
Delta R.T. -0.006 min
Lab File: BM035334.D
Acq: 31 May 2022 20:23

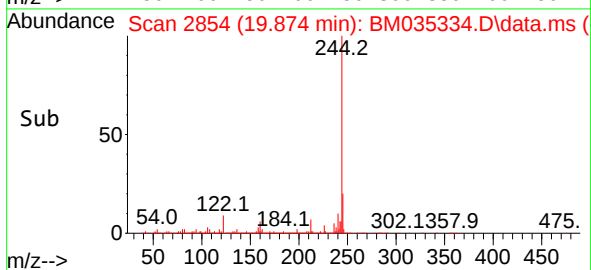
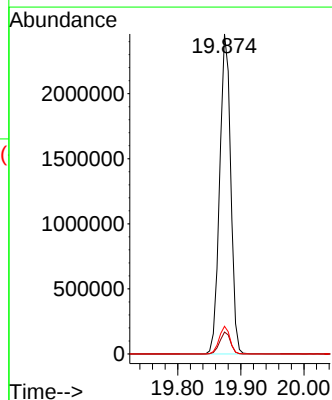
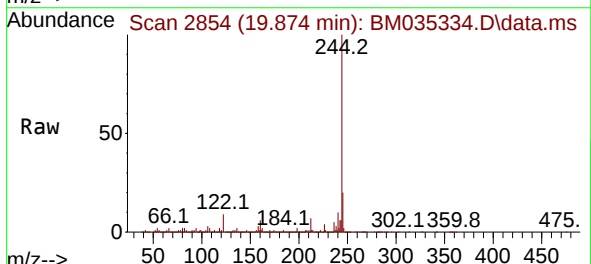
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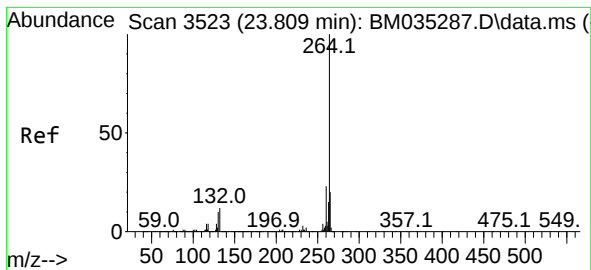
Tgt Ion:240 Resp: 659880
Ion Ratio Lower Upper
240 100
120 8.4 9.4 14.0#
236 25.5 20.6 30.8



#79
Terphenyl-d14
Concen: 79.889 ng
RT: 19.874 min Scan# 2854
Delta R.T. -0.006 min
Lab File: BM035334.D
Acq: 31 May 2022 20:23

Tgt Ion:244 Resp: 2975018
Ion Ratio Lower Upper
244 100
212 6.9 6.2 9.4
122 8.7 8.3 12.5





#86

Perylene-d12

Concen: 20.000 ng

RT: 23.797 min Scan# 3

Delta R.T. -0.012 min

Lab File: BM035334.D

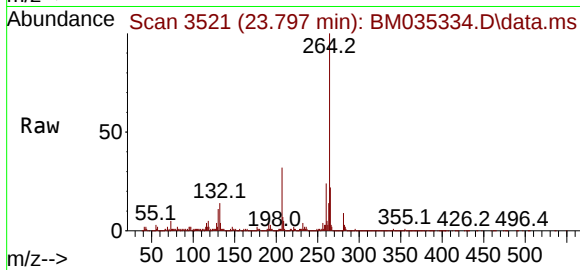
Acq: 31 May 2022 20:23

Instrument :

BNA_M

ClientSampleId :

P043-SS001-0612-01



Tgt Ion:264 Resp: 697276

Ion Ratio Lower Upper

264 100

260 24.0 18.9 28.3

265 22.1 17.5 26.3

