

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM052822\
 Data File : BM035315.D
 Acq On : 28 May 2022 18:28
 Operator : CG/JU
 Sample : N2928-06
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 P026-SS001-1218-01

Quant Time: May 29 00:34:07 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)

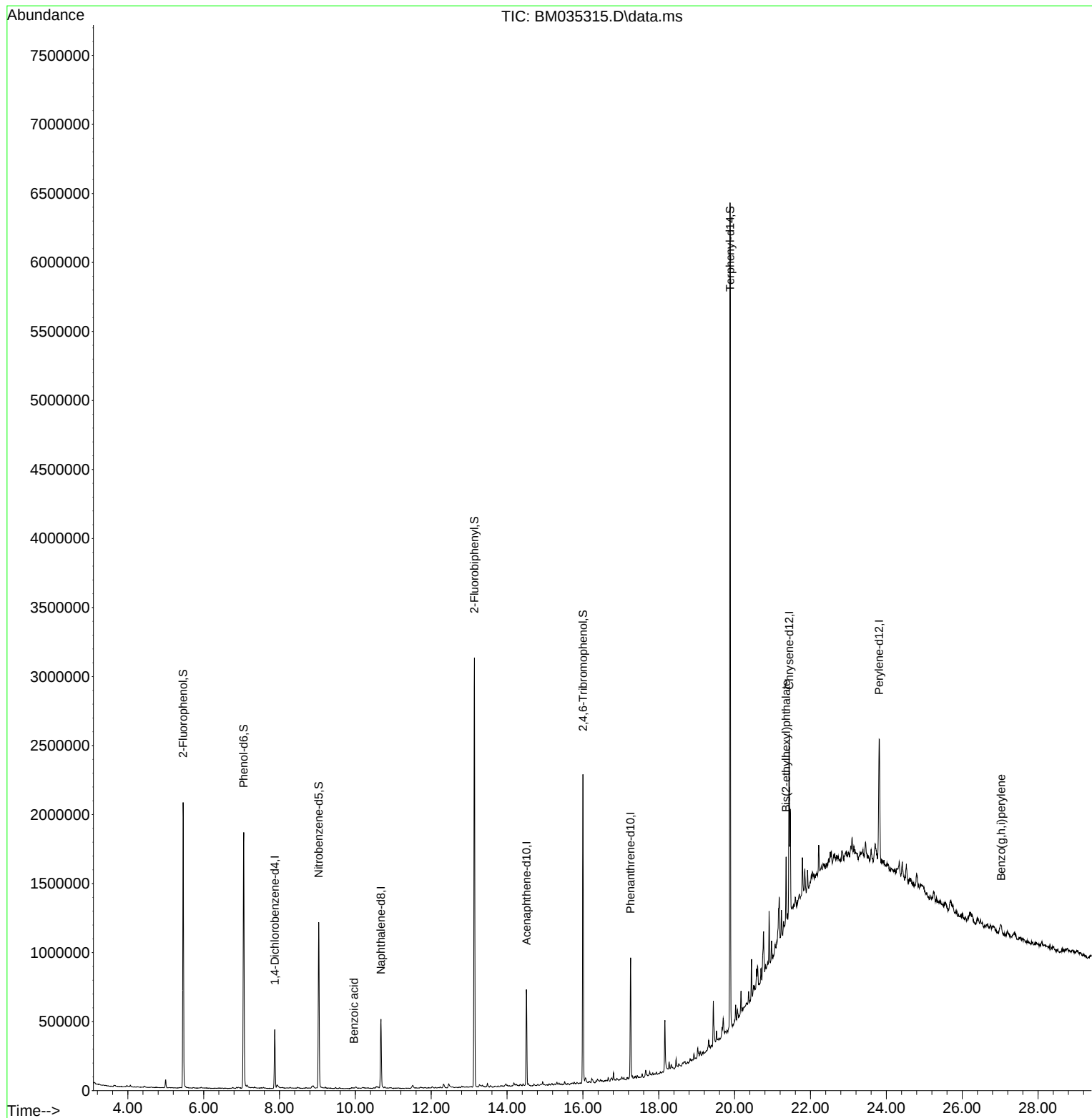
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.875	152	120400	20.000	ng	0.00
21) Naphthalene-d8	10.675	136	424214	20.000	ng	# 0.00
39) Acenaphthene-d10	14.510	164	247329	20.000	ng	0.00
64) Phenanthrene-d10	17.257	188	535989	20.000	ng	0.00
76) Chrysene-d12	21.439	240	617454	20.000	ng	# 0.00
86) Perylene-d12	23.809	264	644643	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.457	112	891297	136.683	ng	0.00
7) Phenol-d6	7.057	99	1077519	127.613	ng	0.00
23) Nitrobenzene-d5	9.034	82	679783	88.212	ng	0.00
42) 2,4,6-Tribromophenol	16.004	330	455140	141.851	ng	0.00
45) 2-Fluorobiphenyl	13.139	172	1642243	92.079	ng	0.00
79) Terphenyl-d14	19.880	244	2926671	83.991	ng	0.00
Target Compounds						
						Qvalue
32) Benzoic acid	9.963	122	2249	3.361	ng	91
84) Bis(2-ethylhexyl)phtha...	21.356	149	172330	7.867	ng	# 97
92) Benzo(g,h,i)perylene	27.027	276	78738	2.164	ng	# 93

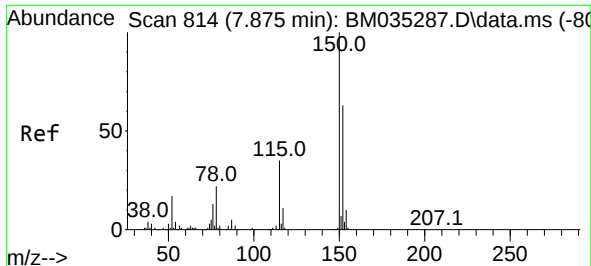
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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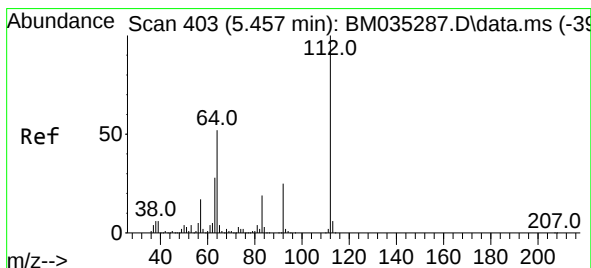
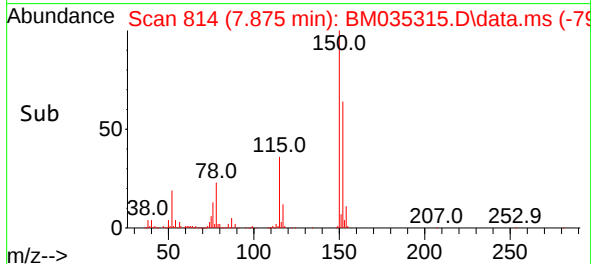
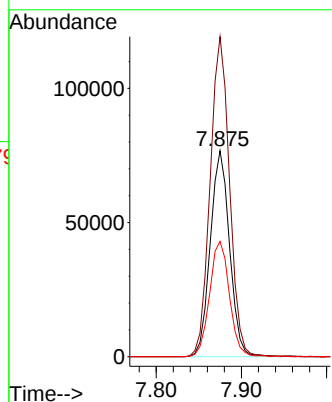
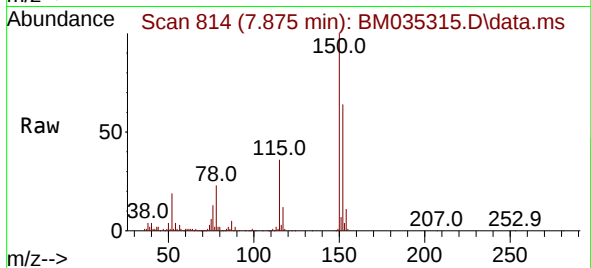




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.875 min Scan# 814
Delta R.T. -0.000 min
Lab File: BM035315.D
Acq: 28 May 2022 18:28

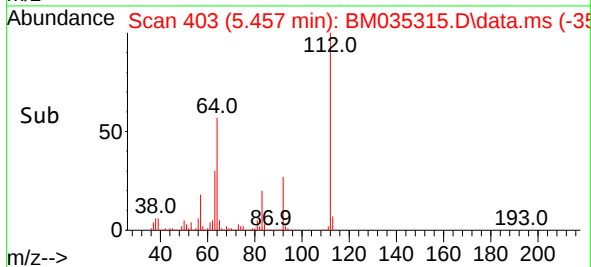
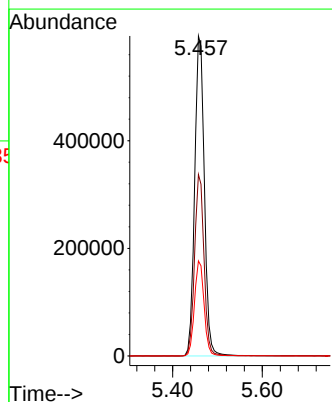
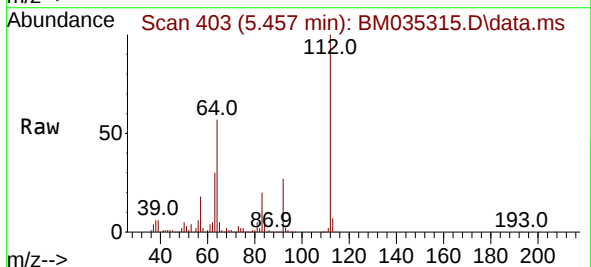
Instrument :
BNA_M
ClientSampleId :
P026-SS001-1218-01

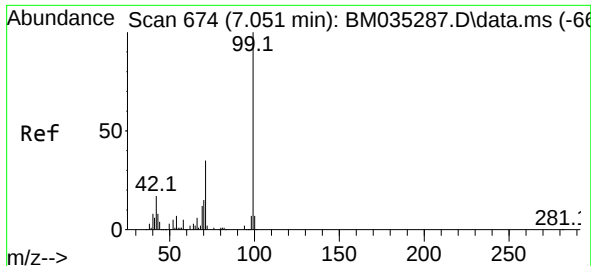
Tgt Ion:152 Resp: 120400
Ion Ratio Lower Upper
152 100
150 155.4 124.9 187.3
115 56.0 47.9 71.9



#5
2-Fluorophenol
Concen: 136.683 ng
RT: 5.457 min Scan# 403
Delta R.T. 0.000 min
Lab File: BM035315.D
Acq: 28 May 2022 18:28

Tgt Ion:112 Resp: 891297
Ion Ratio Lower Upper
112 100
64 56.7 47.8 71.6
63 29.7 26.6 40.0

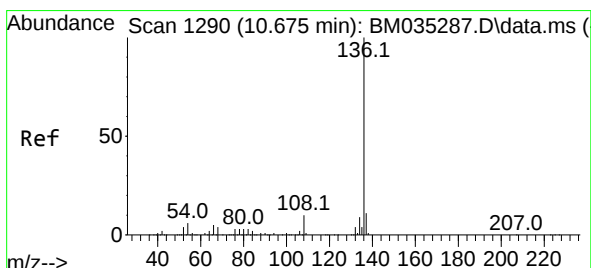
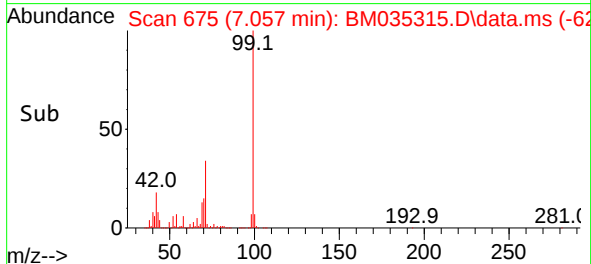
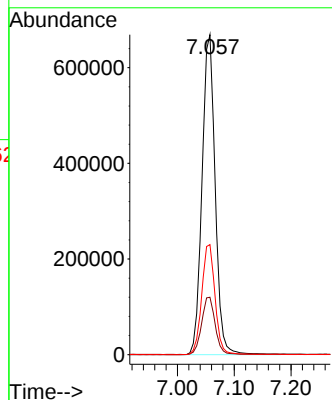
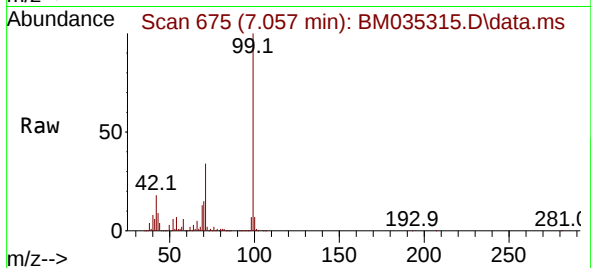




#7
Phenol-d6
Concen: 127.613 ng
RT: 7.057 min Scan# 61
Delta R.T. 0.006 min
Lab File: BM035315.D
Acq: 28 May 2022 18:28

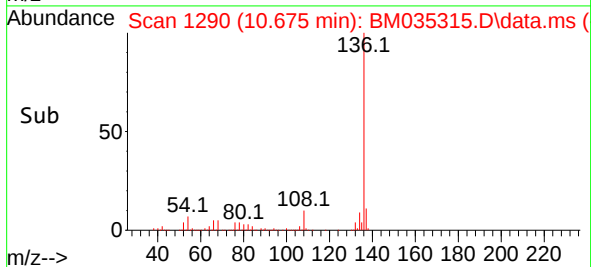
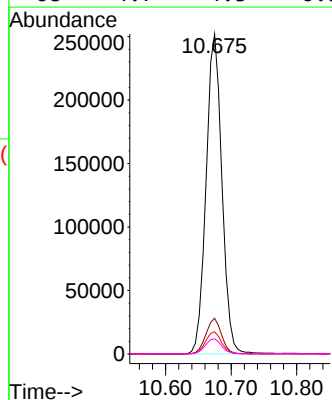
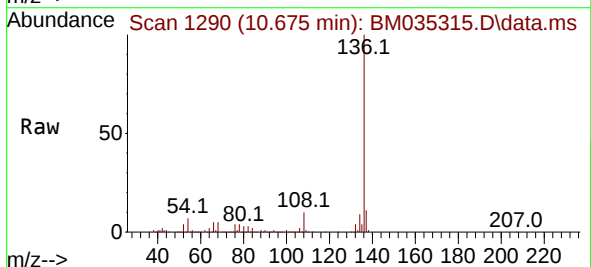
Instrument :
BNA_M
ClientSampleId :
P026-SS001-1218-01

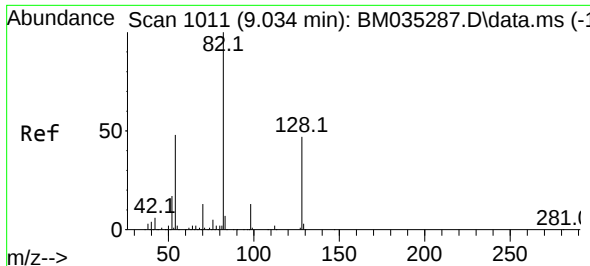
Tgt Ion: 99 Resp: 1077519
Ion Ratio Lower Upper
99 100
42 17.9 18.8 28.2#
71 34.4 30.2 45.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.675 min Scan# 1290
Delta R.T. -0.000 min
Lab File: BM035315.D
Acq: 28 May 2022 18:28

Tgt Ion: 136 Resp: 424214
Ion Ratio Lower Upper
136 100
137 11.1 8.9 13.3
54 6.9 7.0 10.4#
68 4.7 4.3 6.5

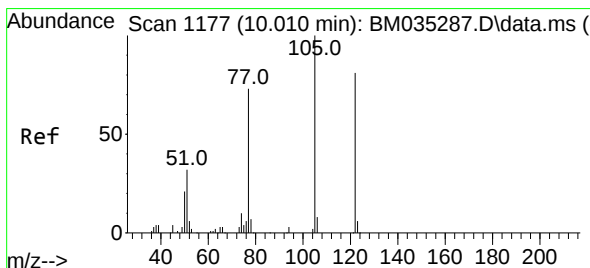
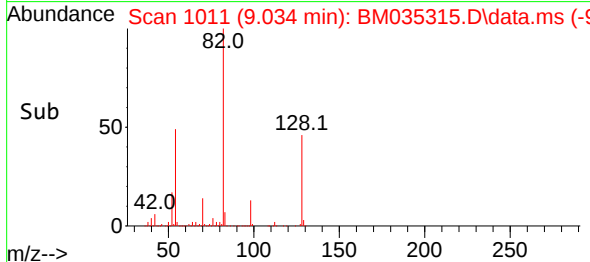
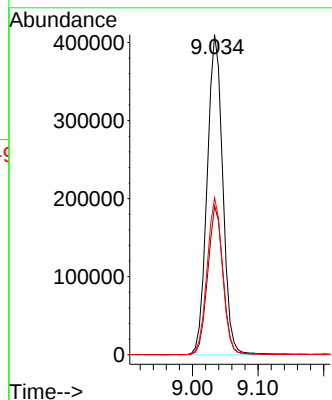
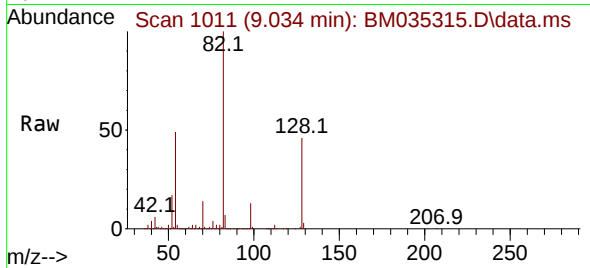




#23
Nitrobenzene-d5
Concen: 88.212 ng
RT: 9.034 min Scan# 1169
Delta R.T. -0.000 min
Lab File: BM035315.D
Acq: 28 May 2022 18:28

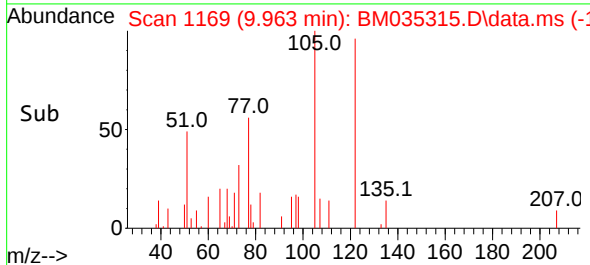
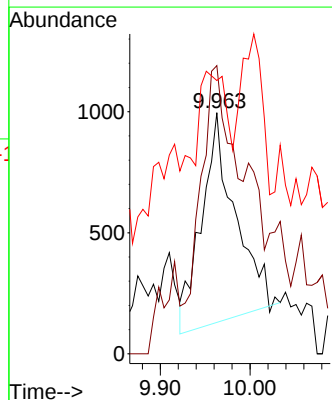
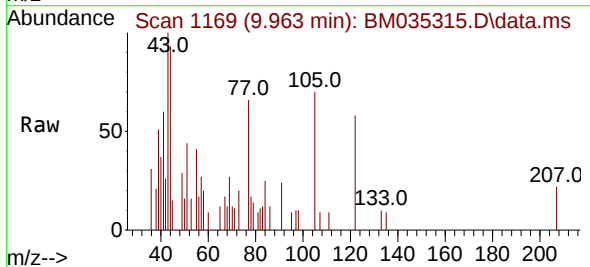
Instrument :
BNA_M
ClientSampleId :
P026-SS001-1218-01

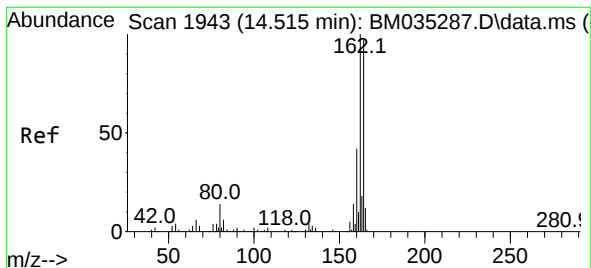
Tgt Ion: 82 Resp: 679783
Ion Ratio Lower Upper
82 100
128 46.5 33.7 50.5
54 49.0 43.2 64.8



#32
Benzoic acid
Concen: 3.361 ng
RT: 9.963 min Scan# 1169
Delta R.T. -0.047 min
Lab File: BM035315.D
Acq: 28 May 2022 18:28

Tgt Ion:122 Resp: 2249
Ion Ratio Lower Upper
122 100
105 119.5 105.7 145.7
77 113.4 80.0 120.0





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.510 min Scan# 1943

Delta R.T. -0.005 min

Lab File: BM035315.D

Acq: 28 May 2022 18:28

Instrument :

BNA_M

ClientSampleId :

P026-SS001-1218-01

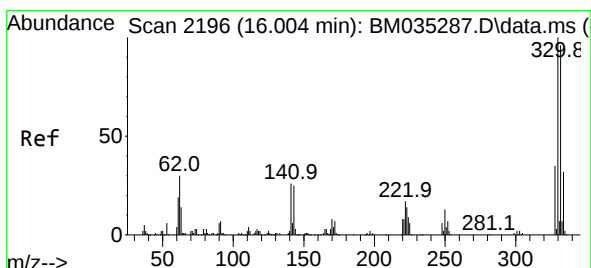
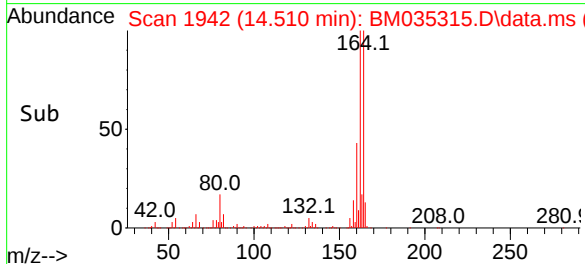
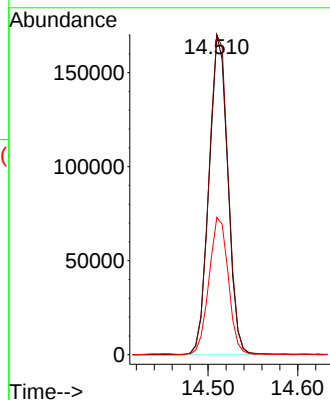
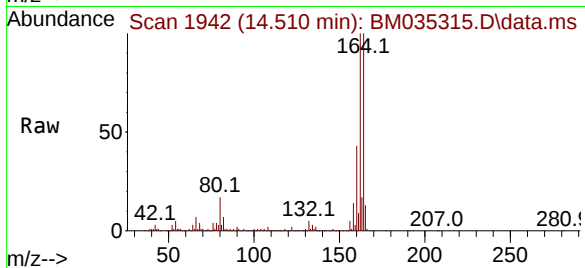
Tgt Ion:164 Resp: 247329

Ion Ratio Lower Upper

164 100

162 100.2 83.0 124.6

160 42.9 37.0 55.4



#42

2,4,6-Tribromophenol

Concen: 141.851 ng

RT: 16.004 min Scan# 2196

Delta R.T. -0.000 min

Lab File: BM035315.D

Acq: 28 May 2022 18:28

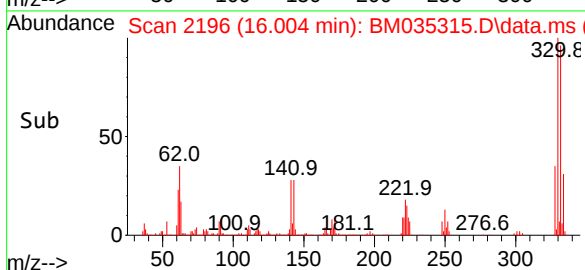
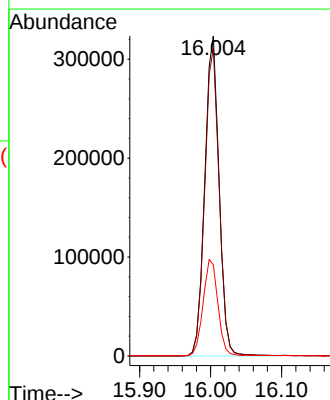
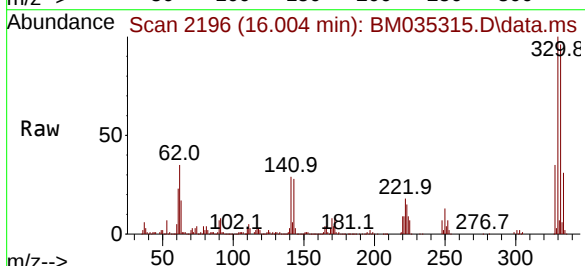
Tgt Ion:330 Resp: 455140

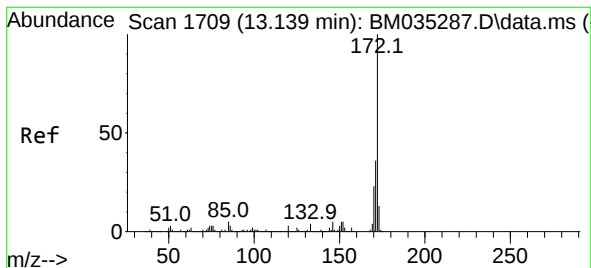
Ion Ratio Lower Upper

330 100

332 96.9 77.0 115.4

141 31.0 35.3 52.9#





#45

2-Fluorobiphenyl

Concen: 92.079 ng

RT: 13.139 min Scan# 1

Delta R.T. 0.000 min

Lab File: BM035315.D

Acq: 28 May 2022 18:28

Instrument :

BNA_M

ClientSampleId :

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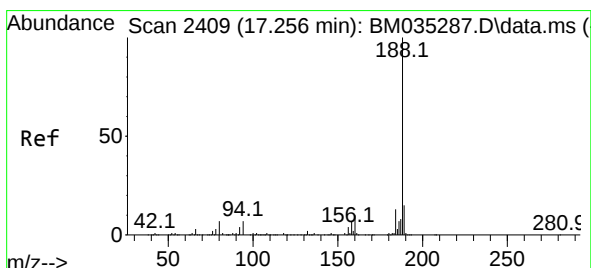
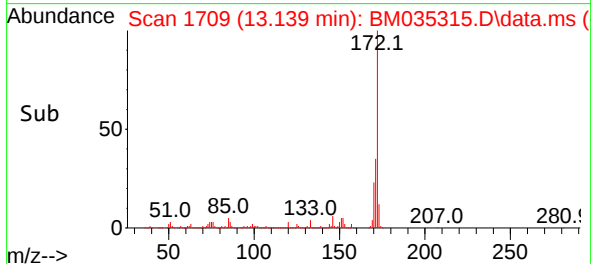
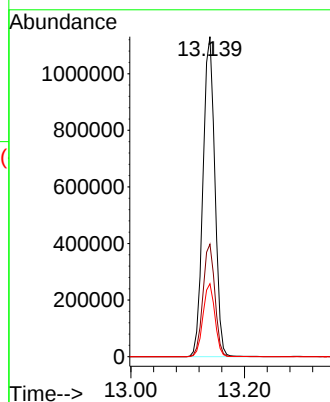
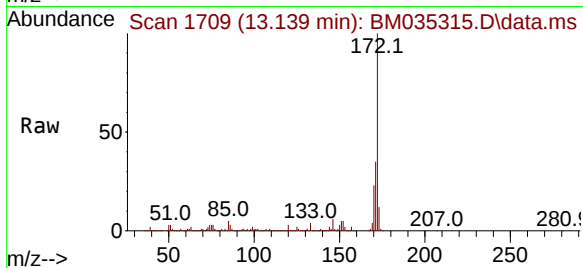
Tgt Ion:172 Resp: 1642243

Ion Ratio Lower Upper

172 100

171 35.2 28.5 42.7

170 22.8 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: BM035315.D

Acq: 28 May 2022 18:28

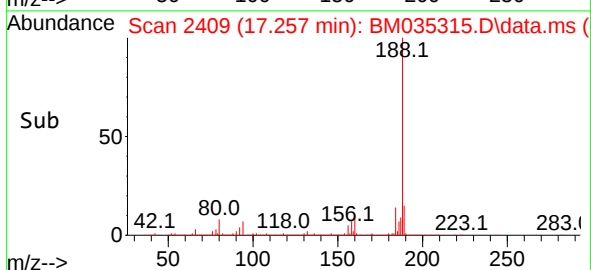
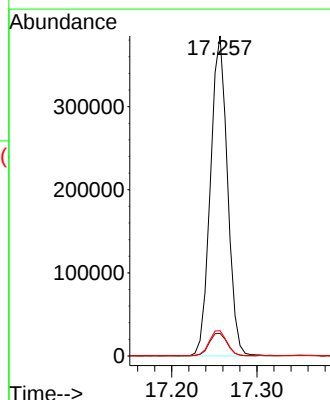
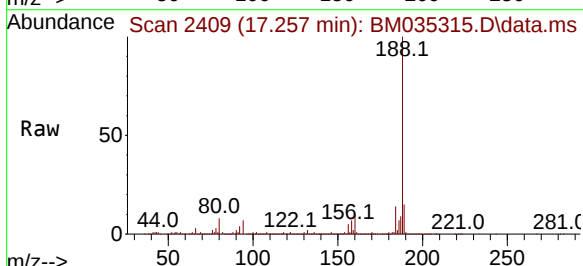
Tgt Ion:188 Resp: 535989

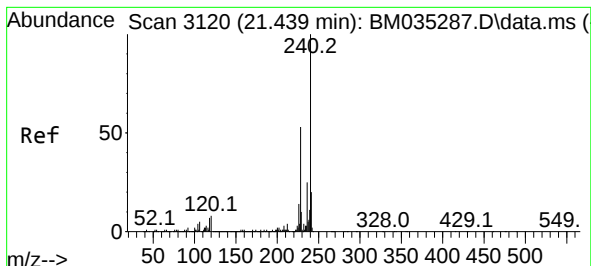
Ion Ratio Lower Upper

188 100

94 7.1 7.0 10.4

80 7.9 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: BM035315.D

Acq: 28 May 2022 18:28

Instrument :

BNA_M

ClientSampleId :

P026-SS001-1218-01

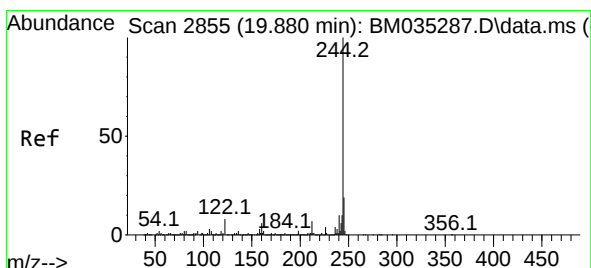
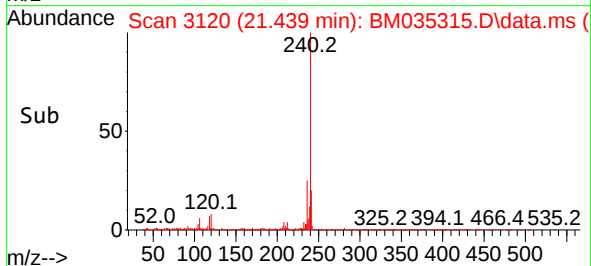
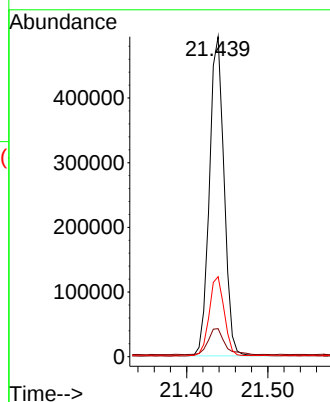
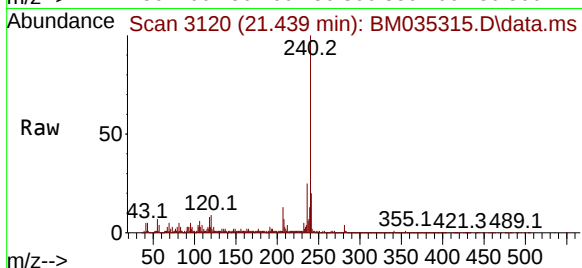
Tgt Ion:240 Resp: 617454

Ion Ratio Lower Upper

240 100

120 8.8 9.4 14.0#

236 25.0 20.6 30.8



#79

Terphenyl-d14

Concen: 83.991 ng

RT: 19.880 min Scan# 2855

Delta R.T. -0.000 min

Lab File: BM035315.D

Acq: 28 May 2022 18:28

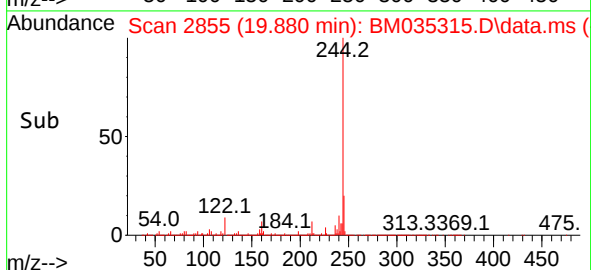
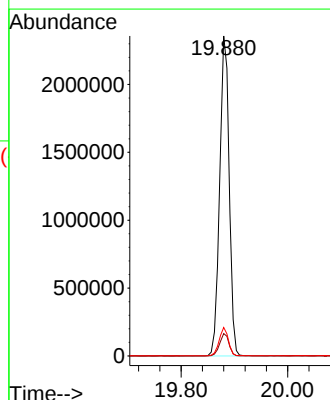
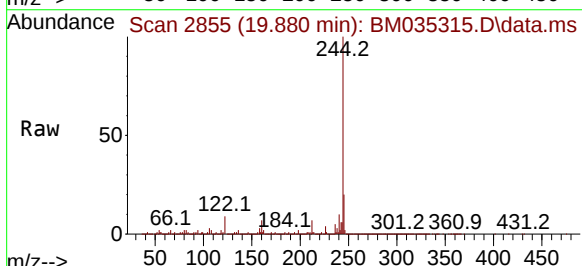
Tgt Ion:244 Resp: 2926671

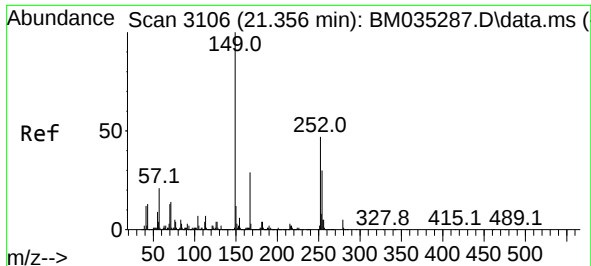
Ion Ratio Lower Upper

244 100

212 7.0 6.2 9.4

122 8.9 8.3 12.5

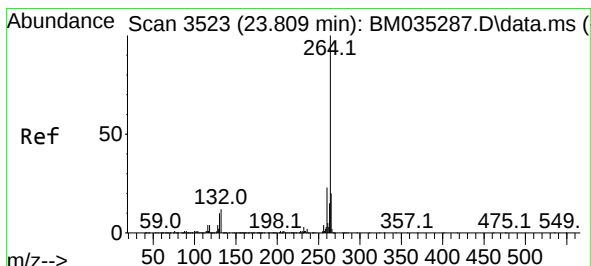
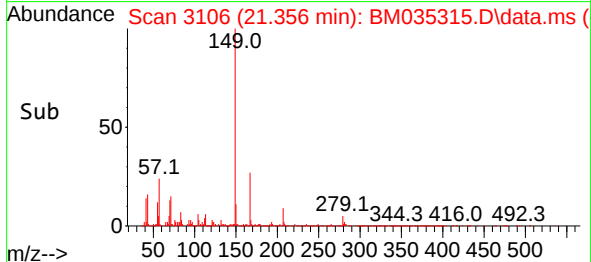
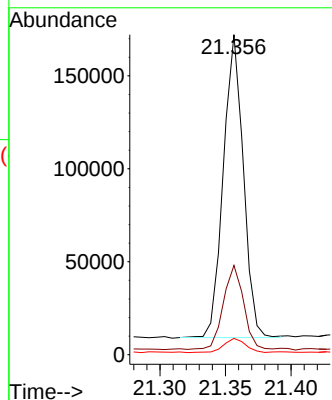
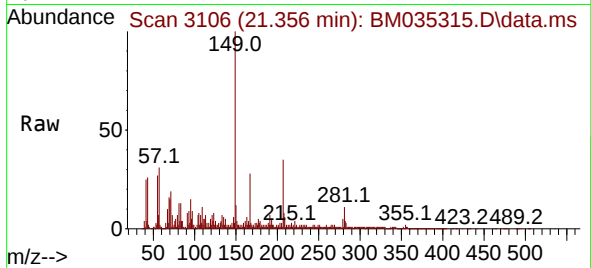




#84
 Bis(2-ethylhexyl)phthalate
 Concen: 7.867 ng
 RT: 21.356 min Scan# 3106
 Delta R.T. 0.000 min
 Lab File: BM035315.D
 Acq: 28 May 2022 18:28

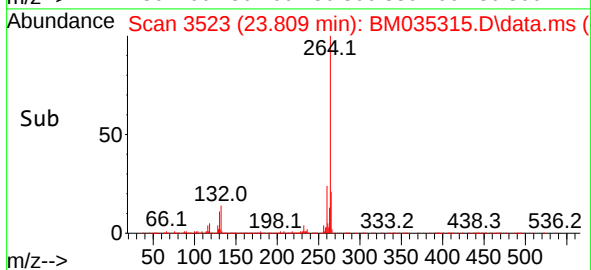
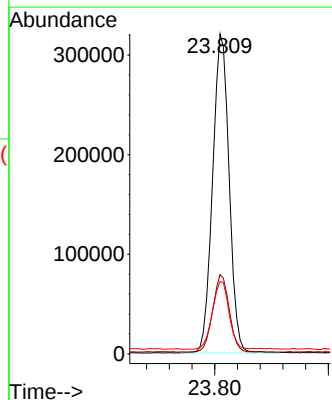
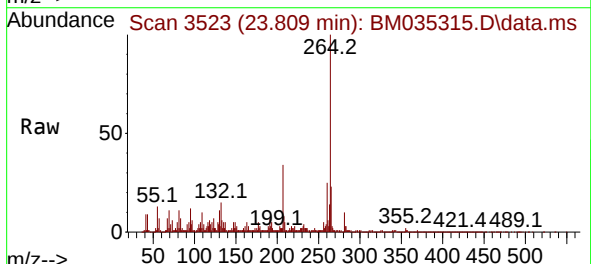
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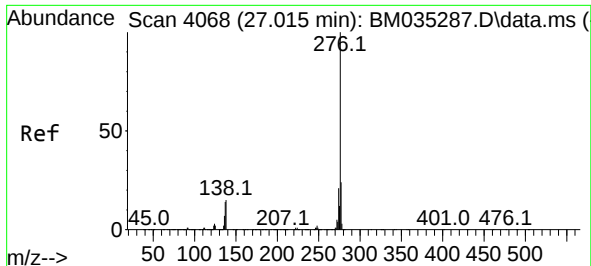
Tgt Ion:149 Resp: 172330
 Ion Ratio Lower Upper
 149 100
 167 27.9 21.1 31.7
 279 5.1 2.8 4.2#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.809 min Scan# 3523
 Delta R.T. 0.000 min
 Lab File: BM035315.D
 Acq: 28 May 2022 18:28

Tgt Ion:264 Resp: 644643
 Ion Ratio Lower Upper
 264 100
 260 24.8 18.9 28.3
 265 22.7 17.5 26.3





#92

Benzo(g,h,i)perylene

Concen: 2.164 ng

RT: 27.027 min Scan# 40

Delta R.T. 0.012 min

Lab File: BM035315.D

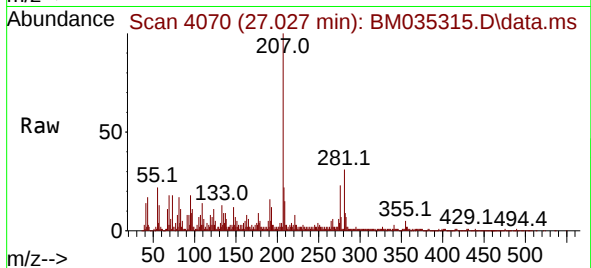
Acq: 28 May 2022 18:28

Instrument :

BNA_M

ClientSampleId :

P026-SS001-1218-01



Tgt Ion:276 Resp: 78738

Ion Ratio Lower Upper

276 100

277 28.1 18.7 28.1#

138 23.9 17.6 26.4

