

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM031121\
 Data File : BM029089.D
 Acq On : 11 Mar 2021 11:19
 Operator : CG/JU
 Sample : PB135092TB
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB135092TB

Quant Time: Mar 11 11:49:33 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM022321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 09 10:08:02 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.663	152	9172	20.00	ng	0.00
21) Naphthalene-d8	10.457	136	34833	20.00	ng	# 0.00
39) Acenaphthene-d10	14.327	164	19007	20.00	ng	-0.01
64) Phenanthrene-d10	17.080	188	39173	20.00	ng	0.00
76) Chrysene-d12	21.251	240	39981	20.00	ng	#-0.01
86) Perylene-d12	23.409	264	42536	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.240	112	77937	140.84	ng	0.00
7) Phenol-d6	6.863	99	87824	120.16	ng	0.00
23) Nitrobenzene-d5	8.840	82	58666	90.87	ng	0.00
42) 2,4,6-Tribromophenol	15.833	330	29929	132.86	ng	0.00
45) 2-Fluorobiphenyl	12.945	172	125399	87.83	ng	0.00
79) Terphenyl-d14	19.704	244	192763	89.03	ng	0.00

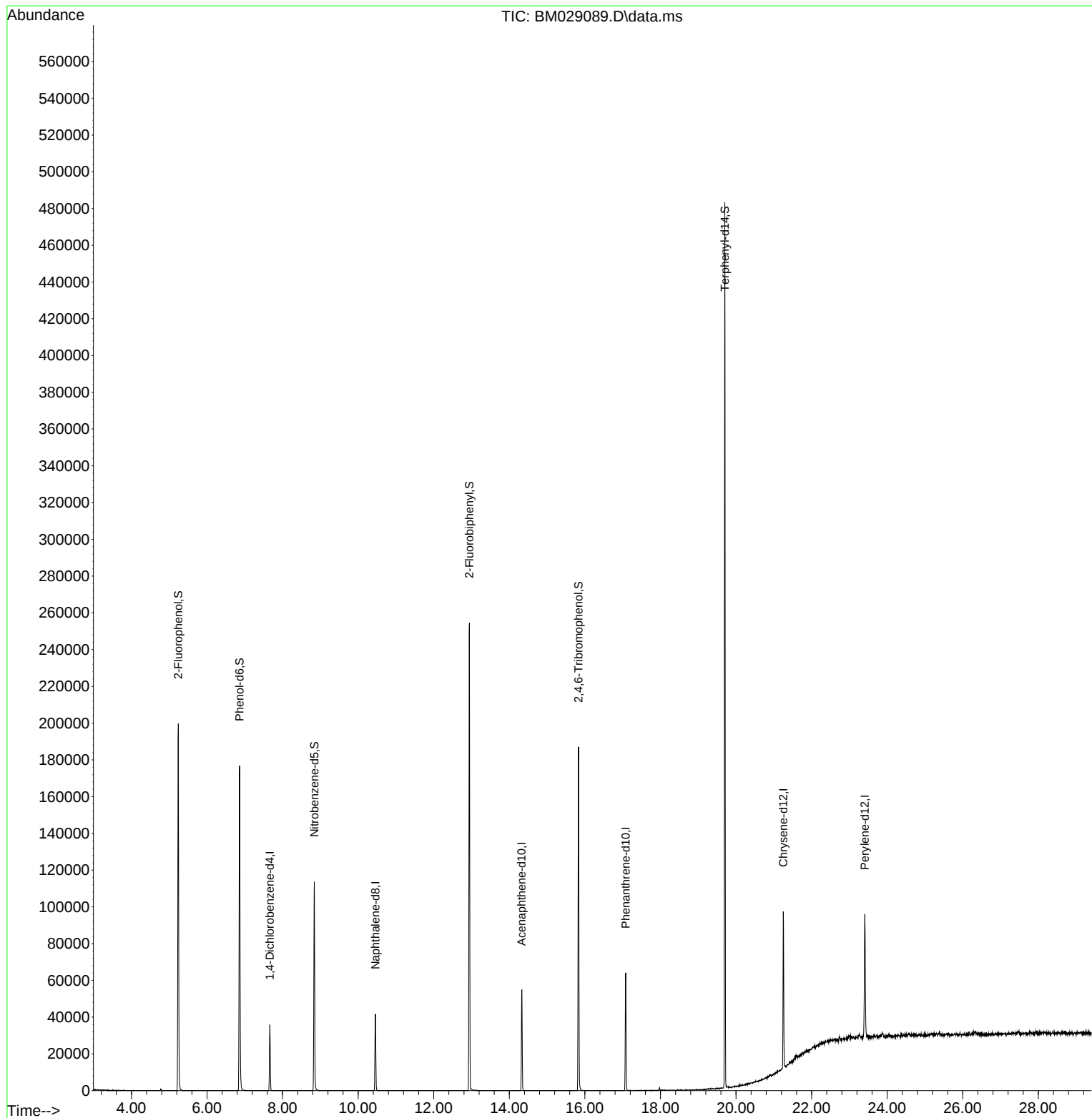
Target Compounds	Qvalue

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

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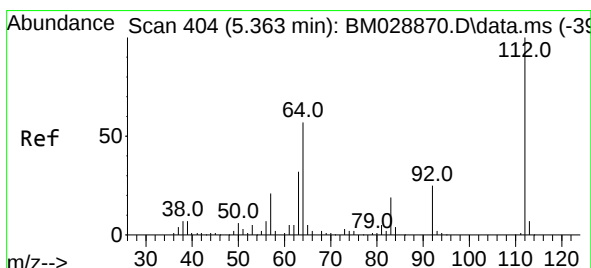
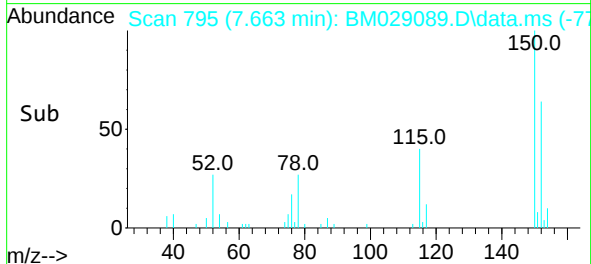
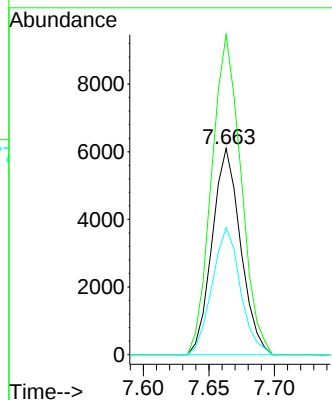
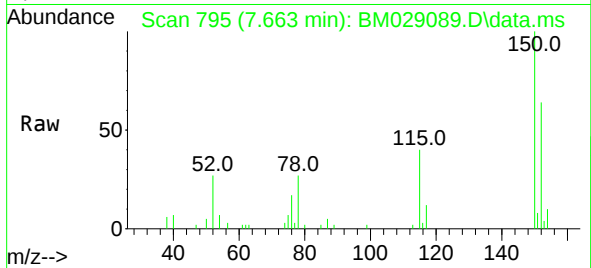




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.663 min Scan# 795
Delta R.T. -0.006 min
Lab File: BM029089.D
Acq: 11 Mar 2021 11:19

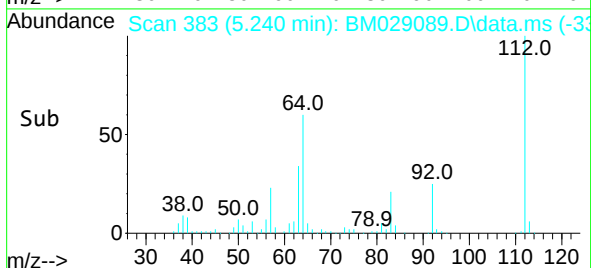
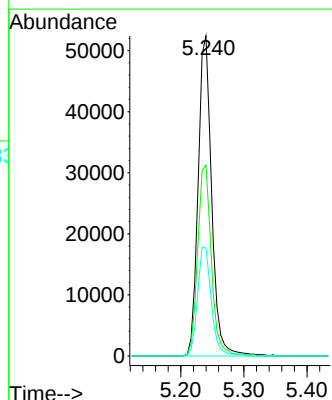
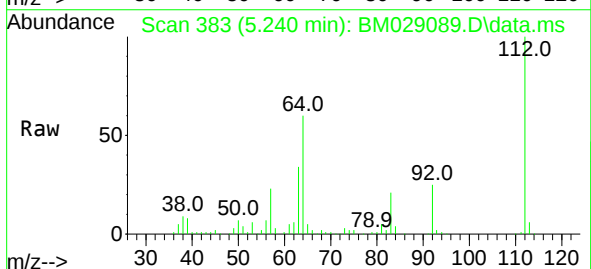
Instrument :
BNA_M
ClientSampleId :
PB135092TB

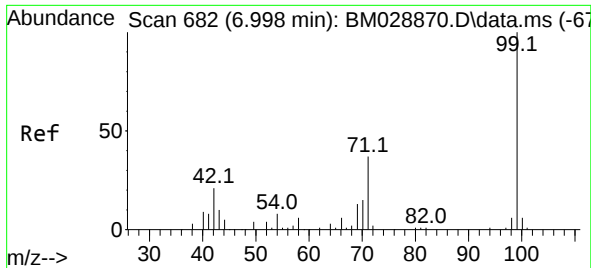
Tgt Ion:152 Resp: 9172
Ion Ratio Lower Upper
152 100
150 155.2 120.6 181.0
115 61.6 47.2 70.8



#5
2-Fluorophenol
Concen: 140.84 ng
RT: 5.240 min Scan# 383
Delta R.T. -0.006 min
Lab File: BM029089.D
Acq: 11 Mar 2021 11:19

Tgt Ion:112 Resp: 77937
Ion Ratio Lower Upper
112 100
64 59.6 50.6 76.0
63 33.7 31.0 46.6

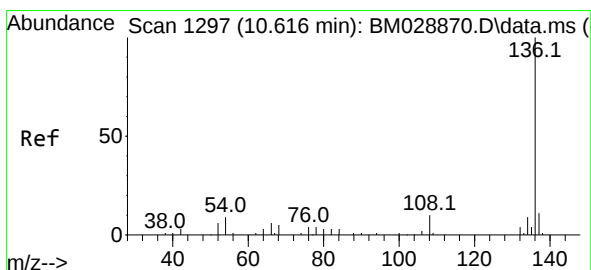
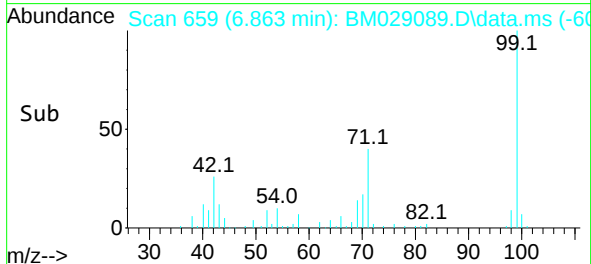
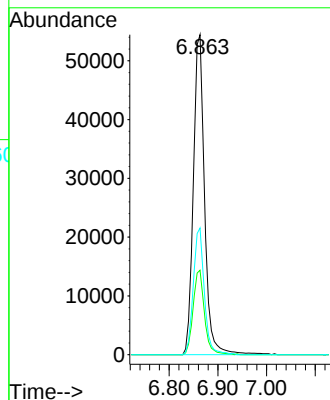
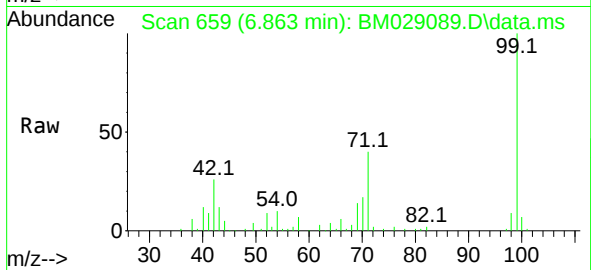




#7
Phenol-d6
Concen: 120.16 ng
RT: 6.863 min Scan# 659
Delta R.T. -0.006 min
Lab File: BM029089.D
Acq: 11 Mar 2021 11:19

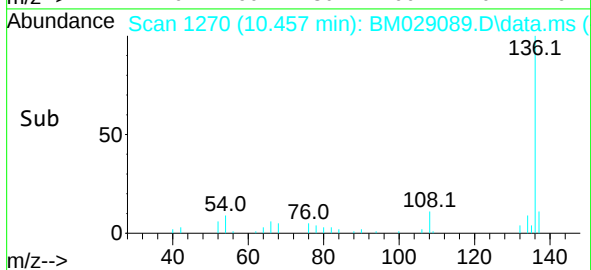
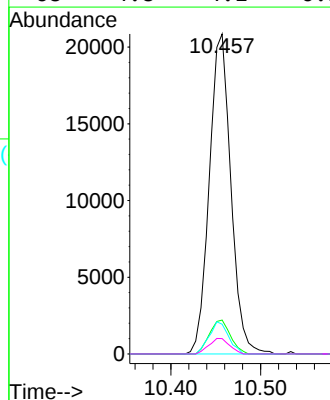
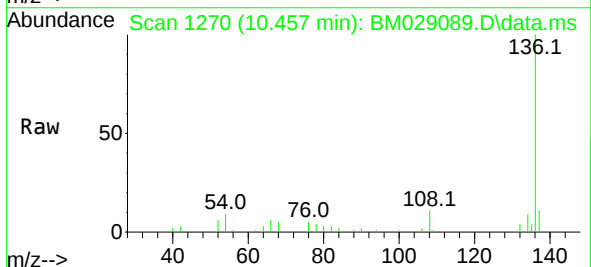
Instrument :
BNA_M
ClientSampled :
PB135092TB

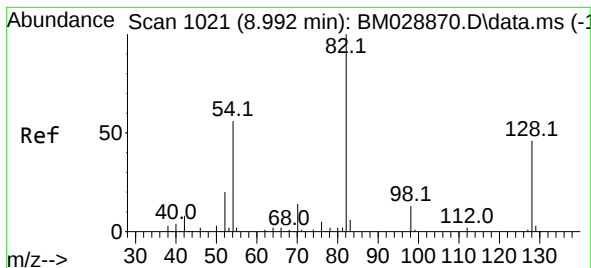
Tgt Ion: 99 Resp: 87824
Ion Ratio Lower Upper
99 100
42 26.4 13.5 20.3#
71 39.6 39.4 59.0



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.457 min Scan# 1270
Delta R.T. -0.006 min
Lab File: BM029089.D
Acq: 11 Mar 2021 11:19

Tgt Ion: 136 Resp: 34833
Ion Ratio Lower Upper
136 100
137 10.6 8.6 12.8
54 9.3 4.6 7.0#
68 4.8 4.1 6.1





#23

Nitrobenzene-d5

Concen: 90.87 ng

RT: 8.840 min Scan# 995

Delta R.T. -0.006 min

Lab File: BM029089.D

Acq: 11 Mar 2021 11:19

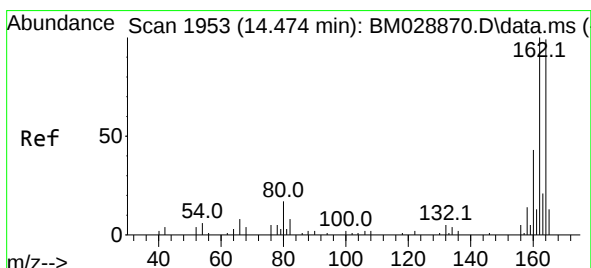
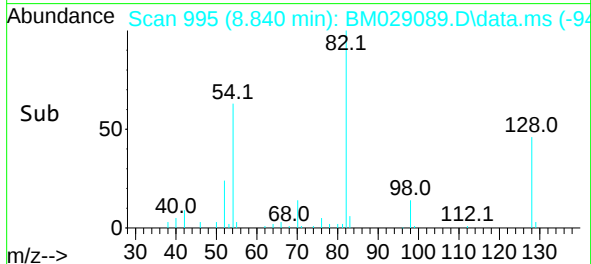
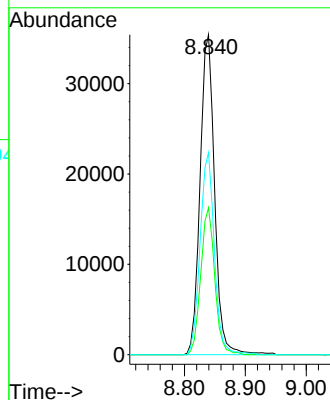
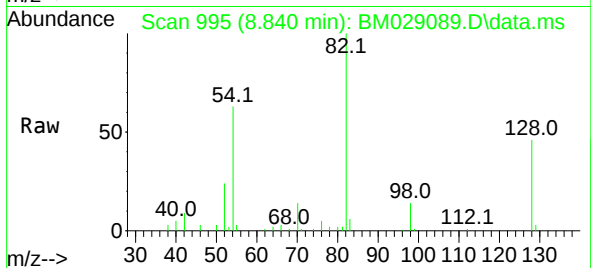
Tgt Ion:	82	Resp:	58666
Ion Ratio	Lower	Upper	
82	100		
128	45.9	27.4	41.0#
54	63.2	31.4	47.0#

Instrument :

BNA_M

ClientSampleId :

PB135092TB



#39

Acenaphthene-d10

Concen: 20.00 ng

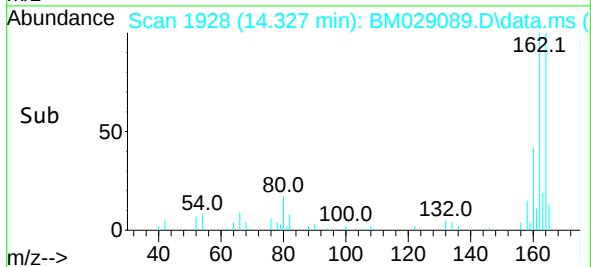
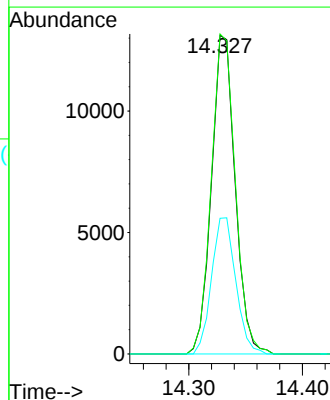
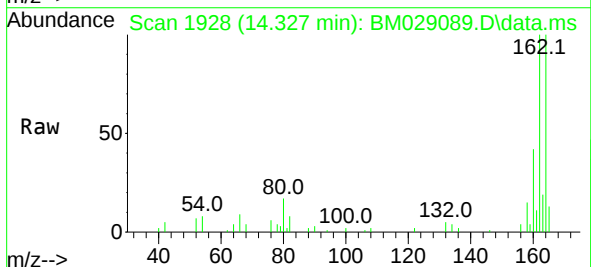
RT: 14.327 min Scan# 1928

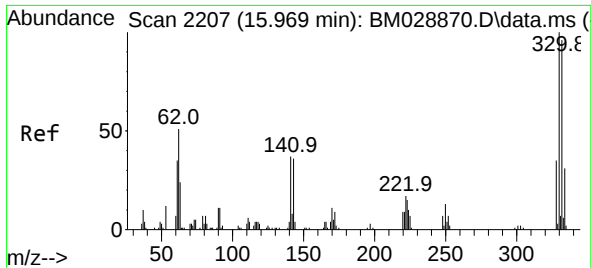
Delta R.T. -0.012 min

Lab File: BM029089.D

Acq: 11 Mar 2021 11:19

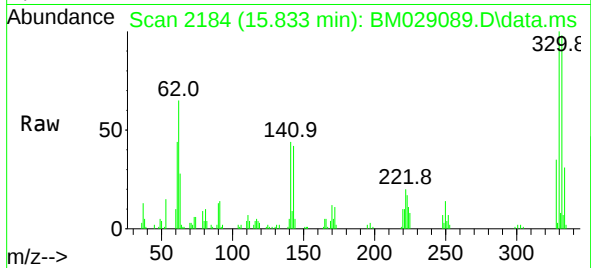
Tgt Ion:	164	Resp:	19007
Ion Ratio	Lower	Upper	
164	100		
162	100.4	80.4	120.6
160	42.6	35.9	53.9



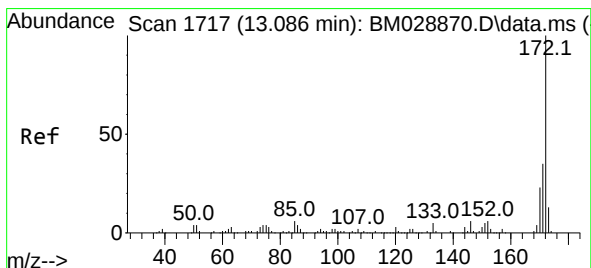
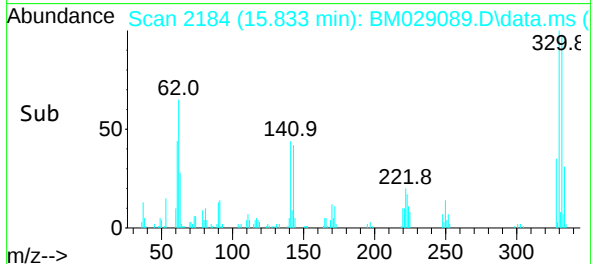
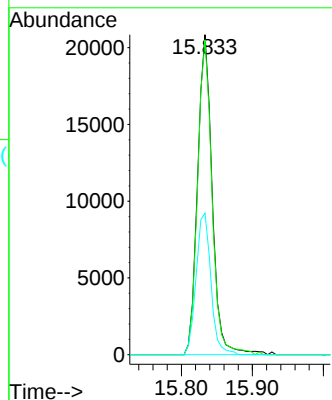


#42
2,4,6-Tribromophenol
Concen: 132.86 ng
RT: 15.833 min Scan# 2184
Delta R.T. -0.006 min
Lab File: BM029089.D
Acq: 11 Mar 2021 11:19

Instrument :
BNA_M
ClientSampleId :
PB135092TB

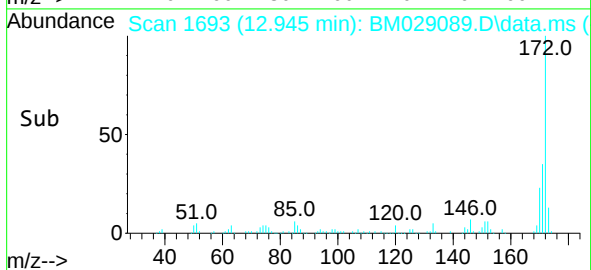
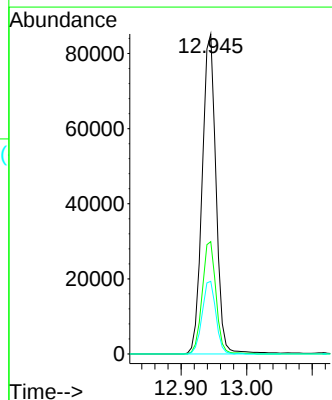
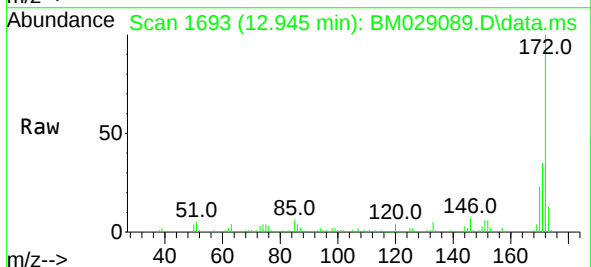


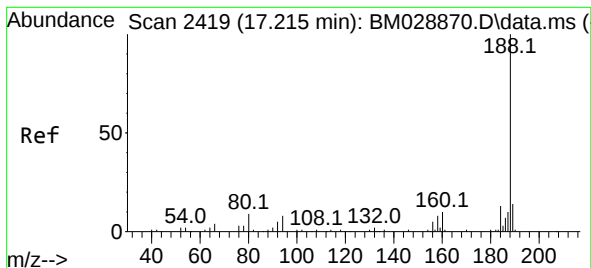
Tgt Ion:330 Resp: 29929
Ion Ratio Lower Upper
330 100
332 97.1 77.8 116.8
141 44.7 28.4 42.6#



#45
2-Fluorobiphenyl
Concen: 87.83 ng
RT: 12.945 min Scan# 1693
Delta R.T. -0.006 min
Lab File: BM029089.D
Acq: 11 Mar 2021 11:19

Tgt Ion:172 Resp: 125399
Ion Ratio Lower Upper
172 100
171 35.1 27.8 41.8
170 22.7 18.6 27.8





#64

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.080 min Scan# 2396

Delta R.T. -0.006 min

Lab File: BM029089.D

Acq: 11 Mar 2021 11:19

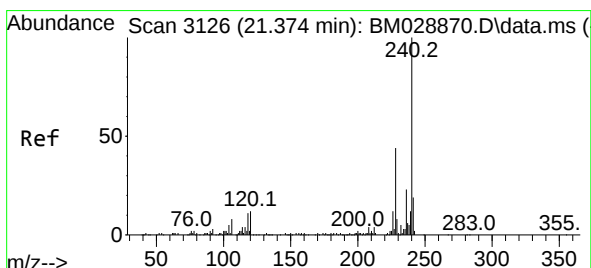
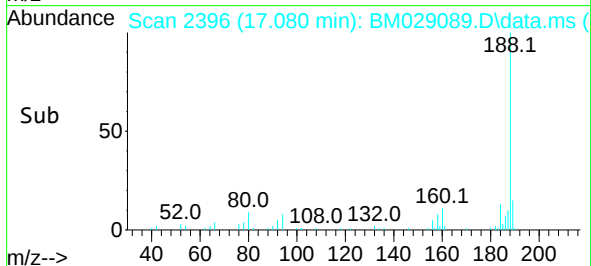
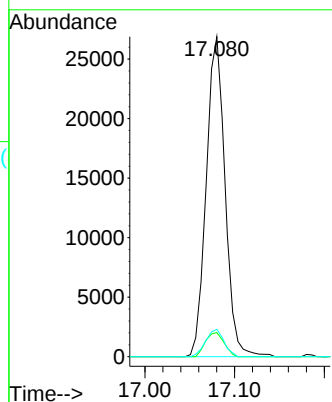
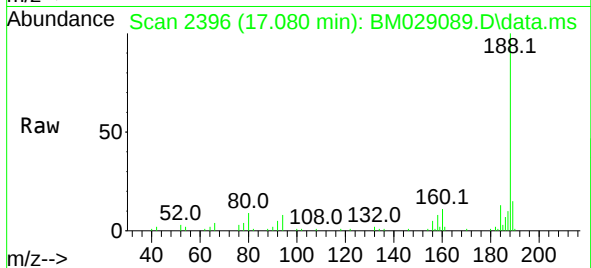
Tgt Ion:188 Resp: 39173

Ion Ratio Lower Upper

188 100

94 7.5 6.2 9.4

80 8.6 7.5 11.3



#76

Chrysene-d12

Concen: 20.00 ng

RT: 21.251 min Scan# 3105

Delta R.T. -0.012 min

Lab File: BM029089.D

Acq: 11 Mar 2021 11:19

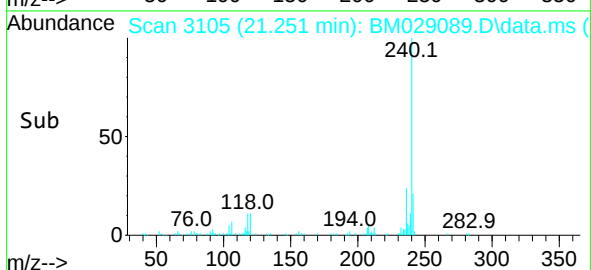
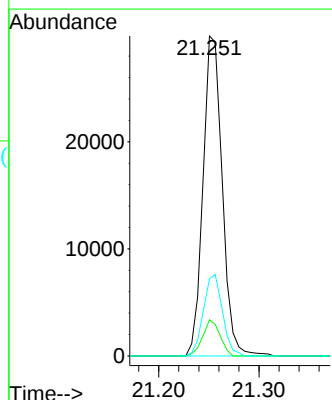
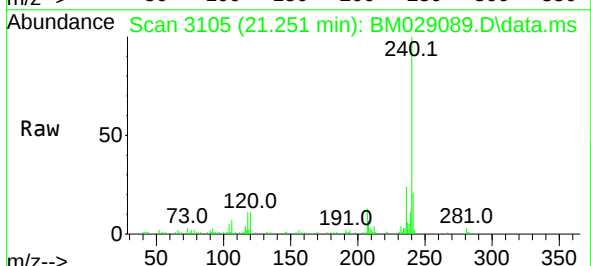
Tgt Ion:240 Resp: 39981

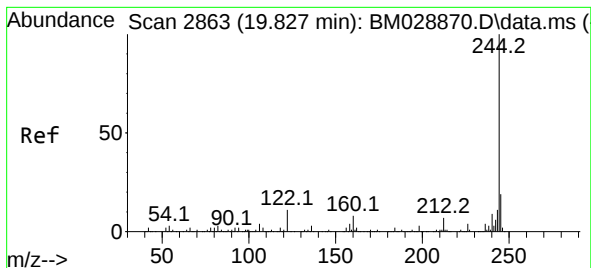
Ion Ratio Lower Upper

240 100

120 11.3 6.4 9.6#

236 24.1 20.1 30.1





#79

Terphenyl-d14

Concen: 89.03 ng

RT: 19.704 min Scan# 2842

Delta R.T. -0.006 min

Lab File: BM029089.D

Acq: 11 Mar 2021 11:19

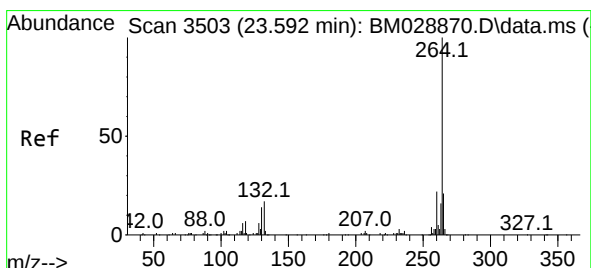
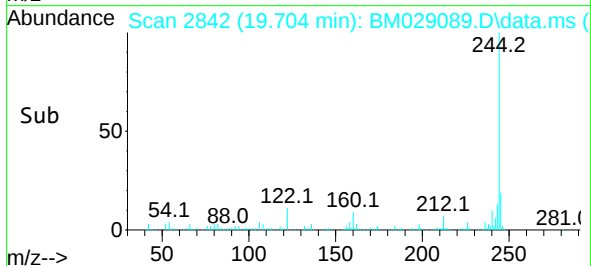
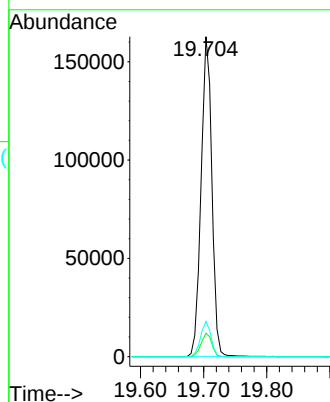
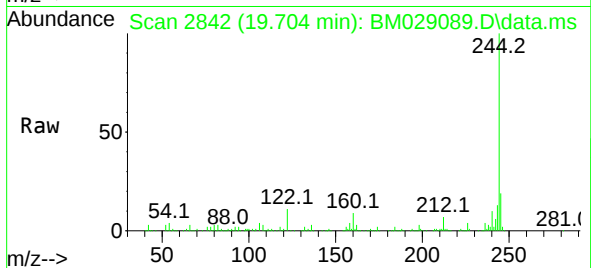
Tgt Ion:244 Resp: 192763

Ion Ratio Lower Upper

244 100

212 7.3 5.8 8.8

122 11.0 6.5 9.7#



#86

Perylene-d12

Concen: 20.00 ng

RT: 23.409 min Scan# 3472

Delta R.T. -0.012 min

Lab File: BM029089.D

Acq: 11 Mar 2021 11:19

Tgt Ion:264 Resp: 42536

Ion Ratio Lower Upper

264 100

260 22.1 19.0 28.4

265 22.1 17.7 26.5

