

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM033121\
 Data File : BM029289.D
 Acq On : 31 Mar 2021 12:10
 Operator : CG/JU
 Sample : M1802-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SB-1S-(0.5-1)

Quant Time: Mar 31 12:41:11 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM032621.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 29 11:14:33 2021
 Response via : Initial Calibration

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

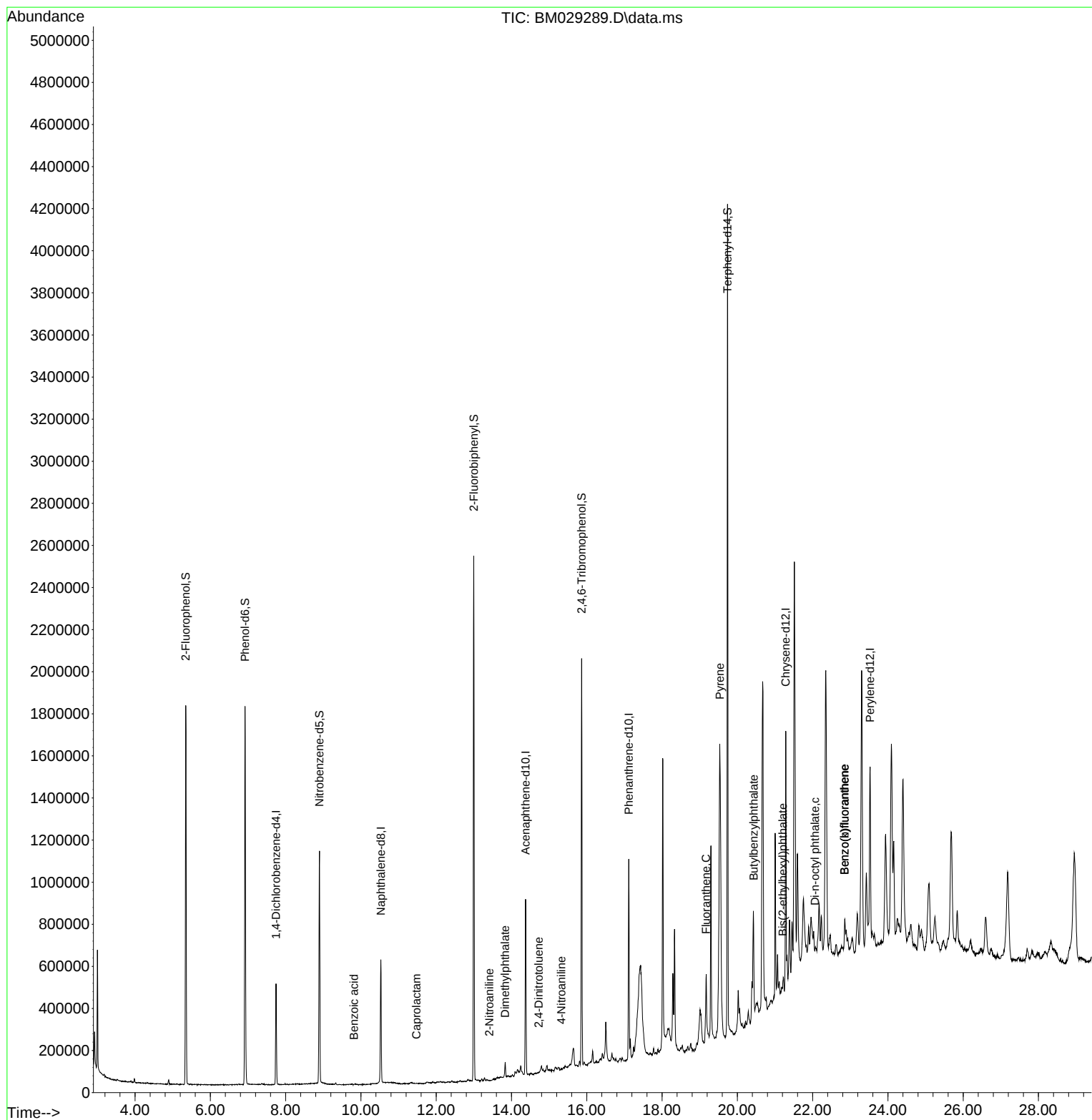
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.745	152	113758	20.00	ng	0.00
21) Naphthalene-d8	10.528	136	446976	20.00	ng	0.00
39) Acenaphthene-d10	14.374	164	260614	20.00	ng	0.00
64) Phenanthrene-d10	17.115	188	499658	20.00	ng	0.00
76) Chrysene-d12	21.286	240	487696	20.00	ng	0.00
86) Perylene-d12	23.527	264	539960	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.346	112	671932	101.82	ng	0.00
7) Phenol-d6	6.922	99	888493	93.82	ng	0.00
23) Nitrobenzene-d5	8.898	82	616301	66.94	ng	0.00
42) 2,4,6-Tribromophenol	15.863	330	255848	106.01	ng	0.00
45) 2-Fluorobiphenyl	12.998	172	1158634	63.06	ng	0.00
79) Terphenyl-d14	19.739	244	1506945	62.07	ng	0.00
Target Compounds						Qvalue
32) Benzoic acid	9.816	122	53	4.48	ng	# 15
35) Caprolactam	11.475	113	160	4.93	ng	# 1
48) 2-Nitroaniline	13.416	65	427	3.36	ng	# 61
50) Dimethylphthalate	13.833	163	36705	2.02	ng	98
57) 2,4-Dinitrotoluene	14.722	165	389	3.23	ng	# 82
62) 4-Nitroaniline	15.327	138	161	3.61	ng	85
75) Fluoranthene	19.168	202	93453	2.92	ng	97
78) Pyrene	19.533	202	92001	2.79	ng	97
80) Butylbenzylphthalate	20.433	149	927	3.65	ng	# 42
84) Bis(2-ethylhexyl)phtha...	21.209	149	8445	3.99	ng	# 98
85) Di-n-octyl phthalate	22.062	149	2968	4.15	ng	# 72
88) Benzo(b)fluoranthene	22.850	252	81565	2.32	ng	# 85
89) Benzo(k)fluoranthene	22.850	252	81565	2.39	ng	# 85

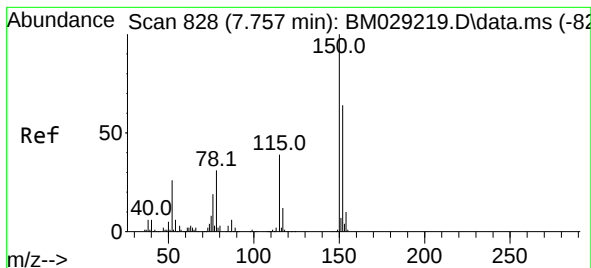
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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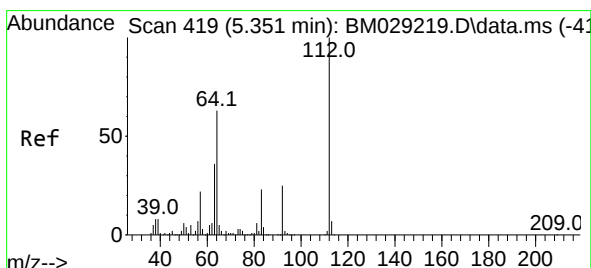
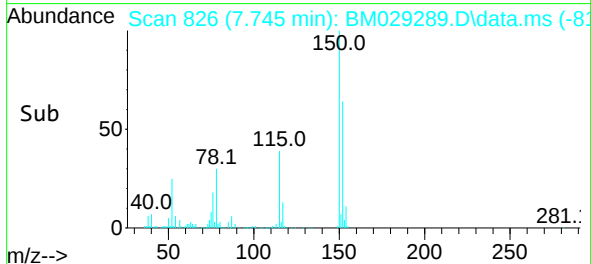
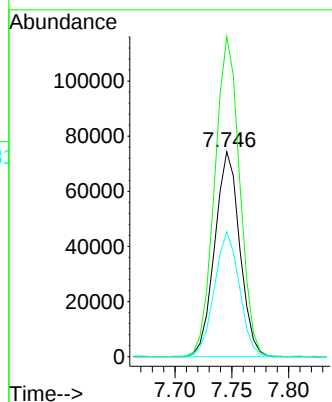
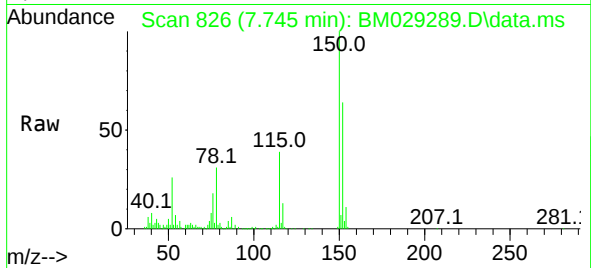




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.745 min Scan# 826
Delta R.T. -0.006 min
Lab File: BM029289.D
Acq: 31 Mar 2021 12:10

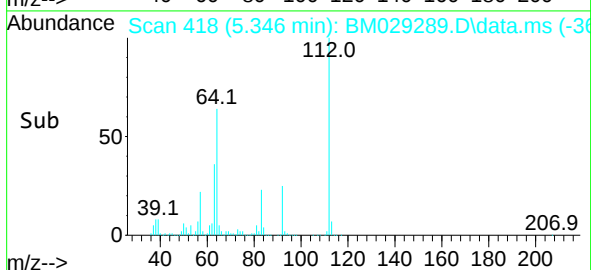
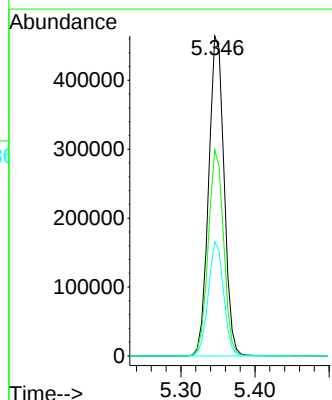
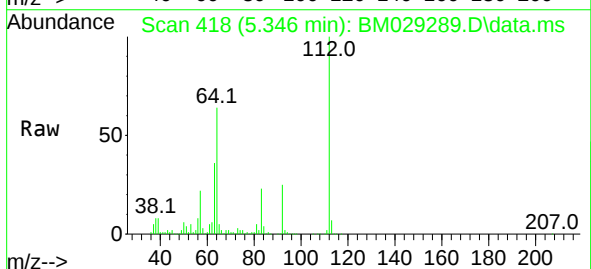
Instrument :
BNA_M
ClientSampleId :
SB-1S-(0.5-1)

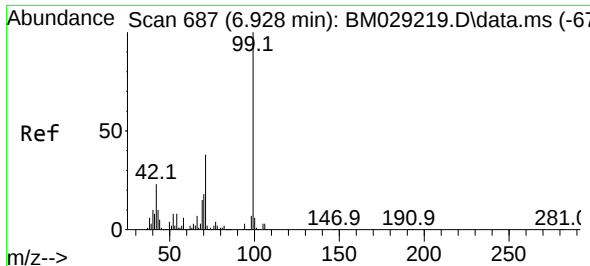
Tgt Ion:152 Resp: 113758
Ion Ratio Lower Upper
152 100
150 156.1 124.3 186.5
115 60.9 46.4 69.6



#5
2-Fluorophenol
Concen: 101.82 ng
RT: 5.346 min Scan# 418
Delta R.T. -0.006 min
Lab File: BM029289.D
Acq: 31 Mar 2021 12:10

Tgt Ion:112 Resp: 671932
Ion Ratio Lower Upper
112 100
64 64.4 51.6 77.4
63 35.7 29.0 43.4

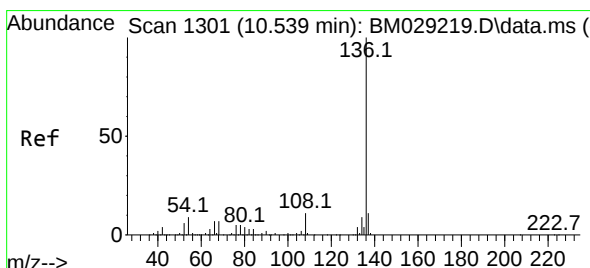
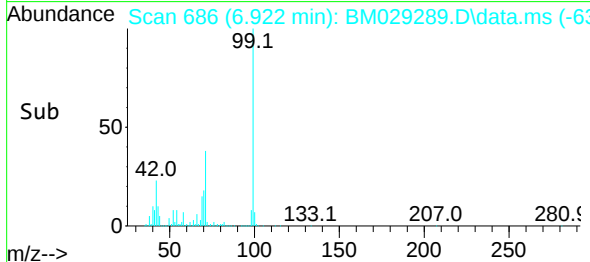
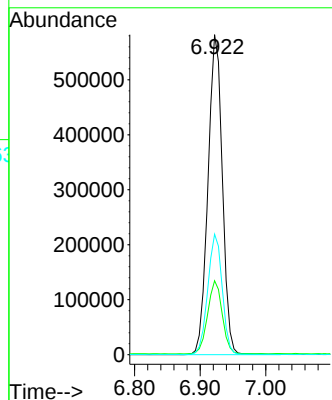
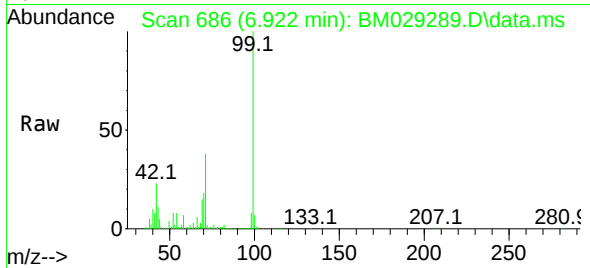




#7
Phenol-d6
Concen: 93.82 ng
RT: 6.922 min Scan# 686
Delta R.T. -0.000 min
Lab File: BM029289.D
Acq: 31 Mar 2021 12:10

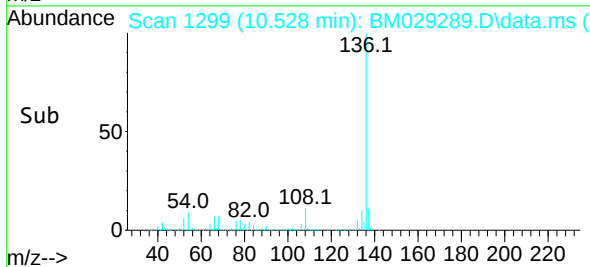
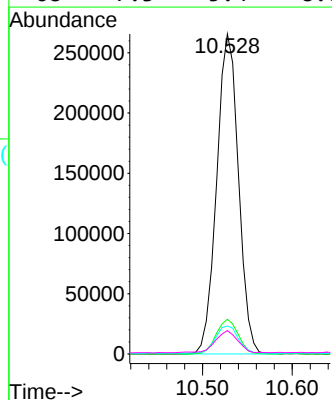
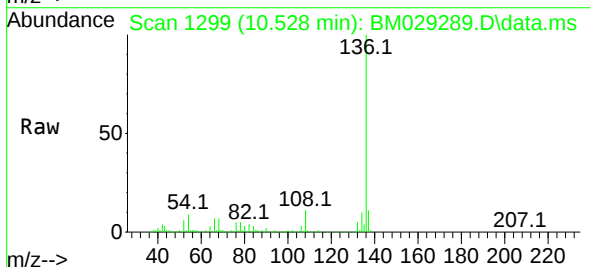
Instrument :
BNA_M
ClientSampleId :
SB-1S-(0.5-1)

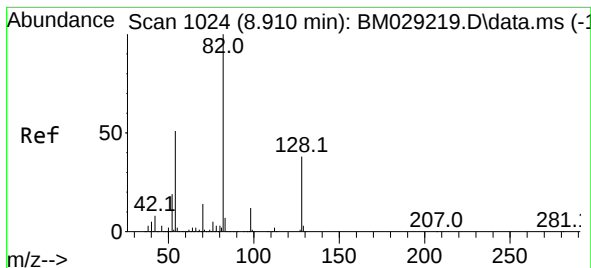
Tgt Ion: 99 Resp: 888493
Ion Ratio Lower Upper
99 100
42 23.1 18.5 27.7
71 37.7 31.8 47.6



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.528 min Scan# 1299
Delta R.T. -0.006 min
Lab File: BM029289.D
Acq: 31 Mar 2021 12:10

Tgt Ion: 136 Resp: 446976
Ion Ratio Lower Upper
136 100
137 10.8 9.3 13.9
54 8.7 6.9 10.3
68 7.3 5.4 8.0

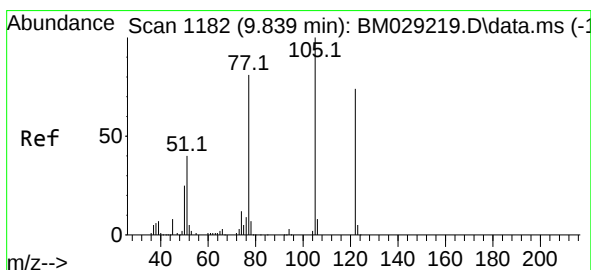
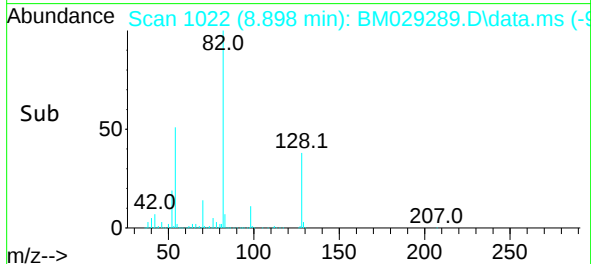
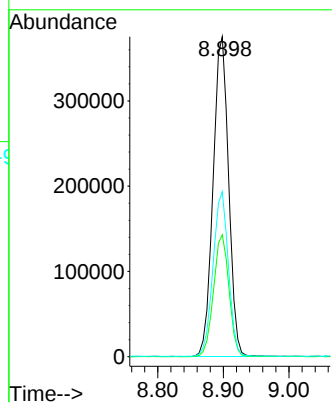
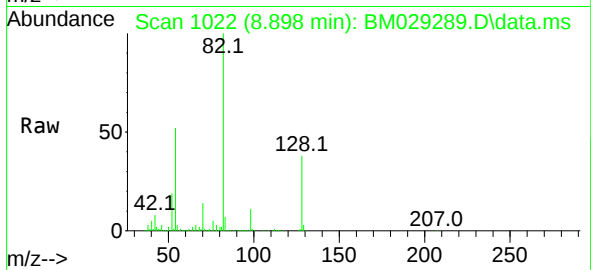




#23
Nitrobenzene-d5
Concen: 66.94 ng
RT: 8.898 min Scan# 1022
Delta R.T. -0.006 min
Lab File: BM029289.D
Acq: 31 Mar 2021 12:10

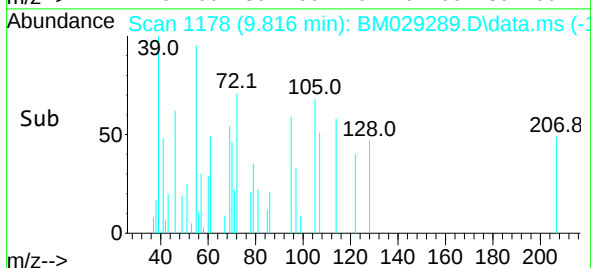
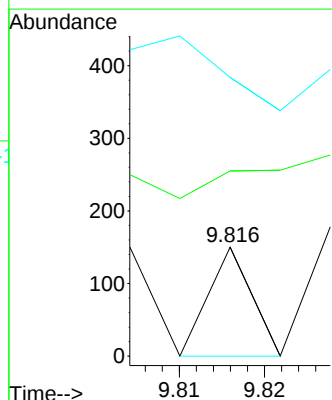
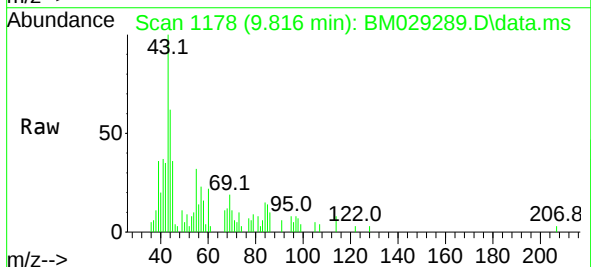
Instrument :
BNA_M
ClientSampleId :
SB-1S-(0.5-1)

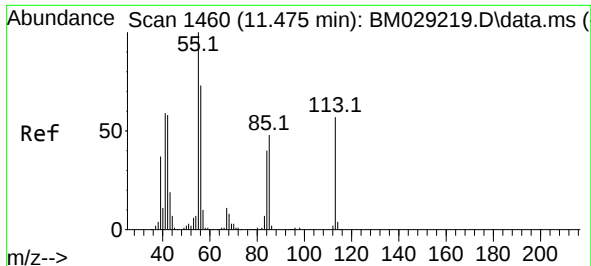
Tgt Ion: 82 Resp: 616301
Ion Ratio Lower Upper
82 100
128 38.1 28.6 42.8
54 51.6 40.7 61.1



#32
Benzoic acid
Concen: 4.48 ng
RT: 9.816 min Scan# 1178
Delta R.T. -0.012 min
Lab File: BM029289.D
Acq: 31 Mar 2021 12:10

Tgt Ion:122 Resp: 53
Ion Ratio Lower Upper
122 100
105 170.0 108.2 148.2#
77 256.0 86.0 126.0#

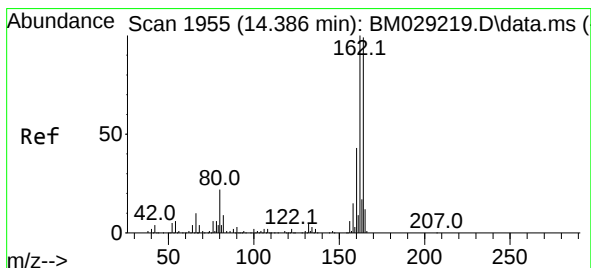
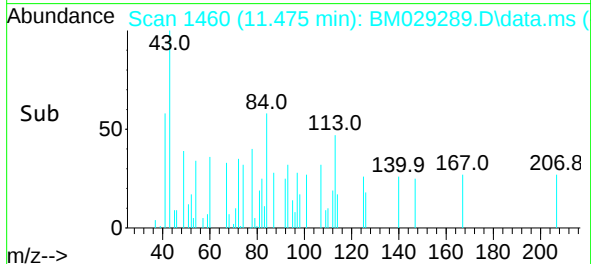
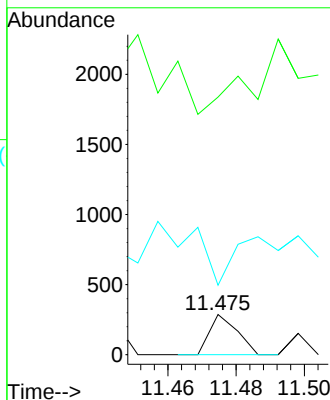
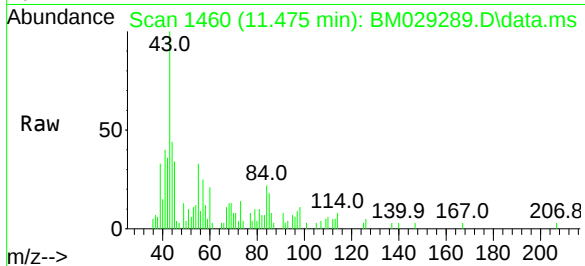




#35
Caprolactam
Concen: 4.93 ng
RT: 11.475 min Scan# 1460
Delta R.T. 0.012 min
Lab File: BM029289.D
Acq: 31 Mar 2021 12:10

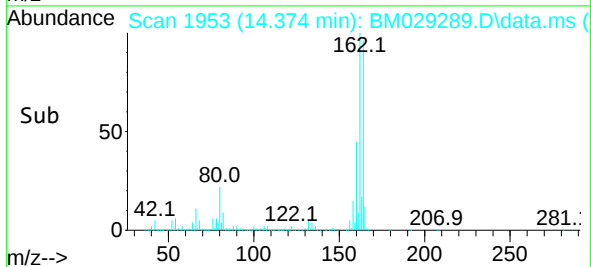
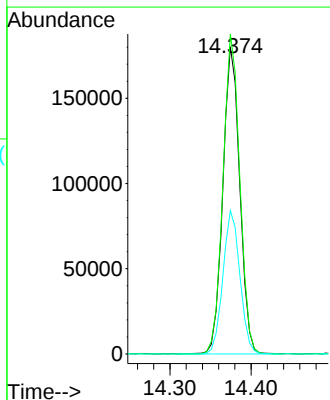
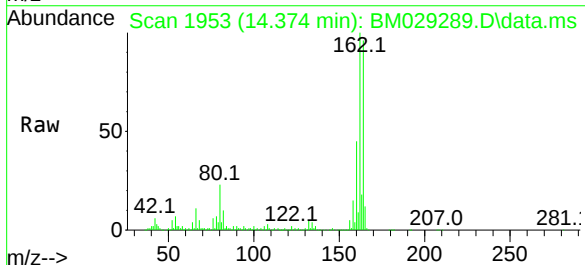
Instrument :
BNA_M
ClientSampleId :
SB-1S-(0.5-1)

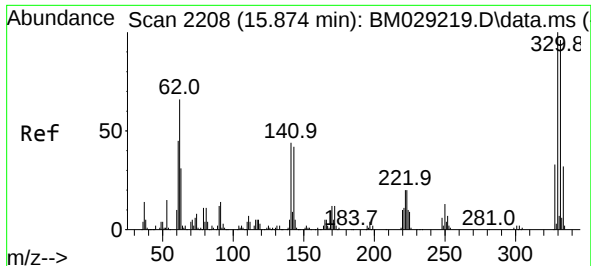
Tgt Ion:113 Resp: 160
Ion Ratio Lower Upper
113 100
55 640.4 149.4 189.4#
56 172.8 110.8 150.8#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.374 min Scan# 1953
Delta R.T. -0.006 min
Lab File: BM029289.D
Acq: 31 Mar 2021 12:10

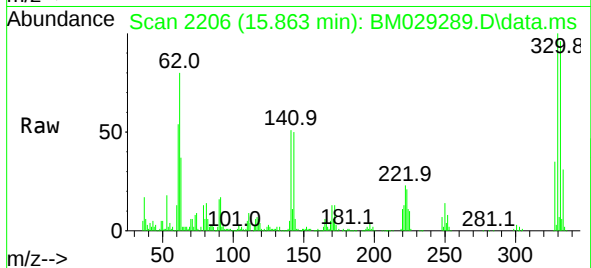
Tgt Ion:164 Resp: 260614
Ion Ratio Lower Upper
164 100
162 104.2 84.4 126.6
160 46.7 36.6 54.8



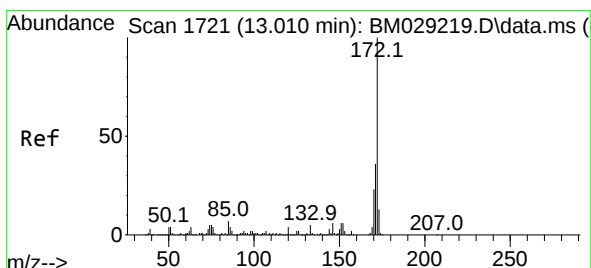
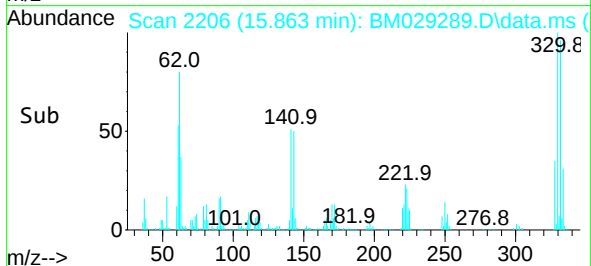
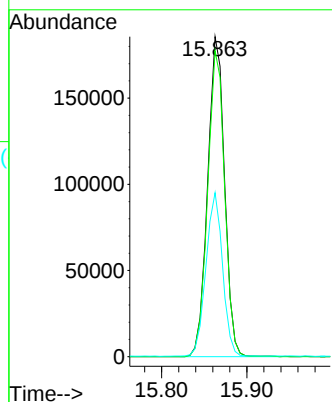


#42
2,4,6-Tribromophenol
Concen: 106.01 ng
RT: 15.863 min Scan# 2206
Delta R.T. -0.000 min
Lab File: BM029289.D
Acq: 31 Mar 2021 12:10

Instrument :
BNA_M
ClientSampleId :
SB-1S-(0.5-1)

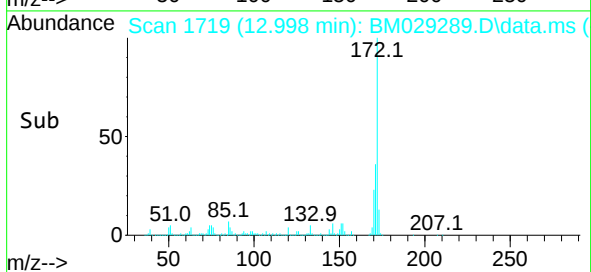
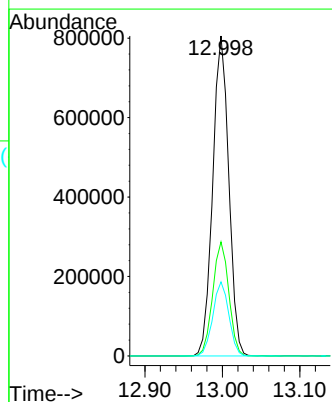
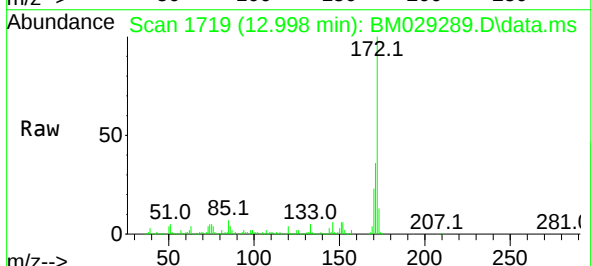


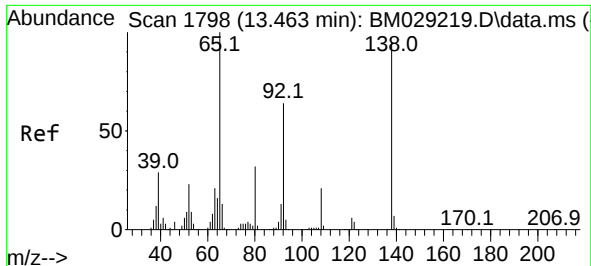
Tgt Ion:330 Resp: 255848
Ion Ratio Lower Upper
330 100
332 95.8 77.1 115.7
141 50.2 39.2 58.8



#45
2-Fluorobiphenyl
Concen: 63.06 ng
RT: 12.998 min Scan# 1719
Delta R.T. -0.006 min
Lab File: BM029289.D
Acq: 31 Mar 2021 12:10

Tgt Ion:172 Resp: 1158634
Ion Ratio Lower Upper
172 100
171 35.6 28.7 43.1
170 23.2 18.8 28.2

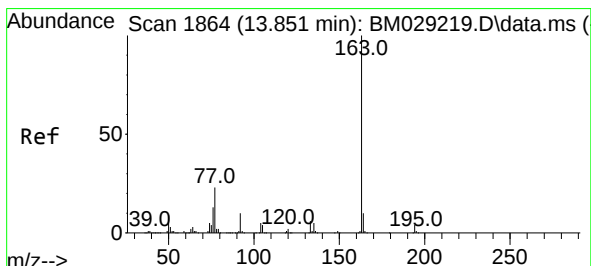
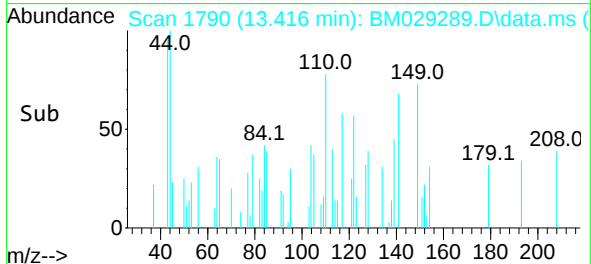
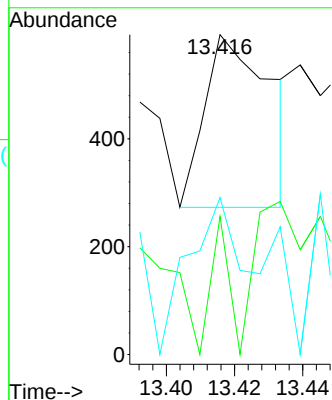
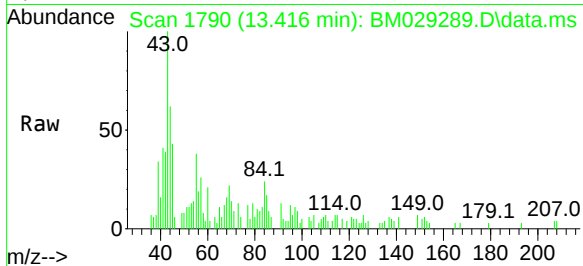




#48
2-Nitroaniline
Concen: 3.36 ng
RT: 13.416 min Scan# 1790
Delta R.T. -0.035 min
Lab File: BM029289.D
Acq: 31 Mar 2021 12:10

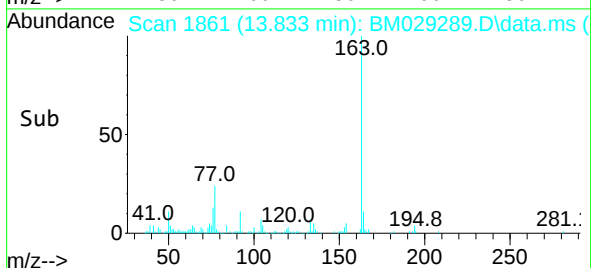
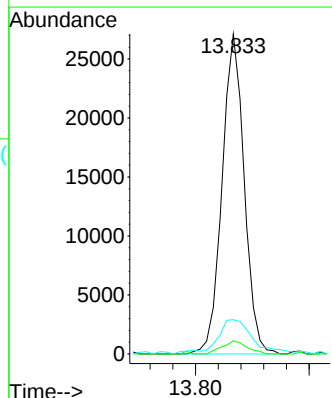
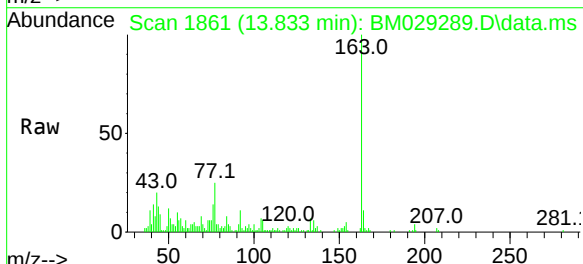
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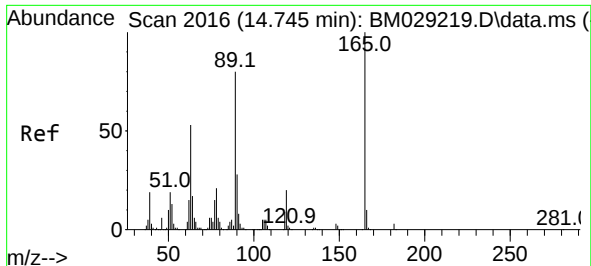
Tgt Ion: 65 Resp: 427
Ion Ratio Lower Upper
65 100
92 43.2 52.4 78.6#
138 49.1 75.0 112.6#



#50
Dimethylphthalate
Concen: 2.02 ng
RT: 13.833 min Scan# 1861
Delta R.T. -0.006 min
Lab File: BM029289.D
Acq: 31 Mar 2021 12:10

Tgt Ion:163 Resp: 36705
Ion Ratio Lower Upper
163 100
194 4.1 3.2 4.8
164 10.7 7.9 11.9

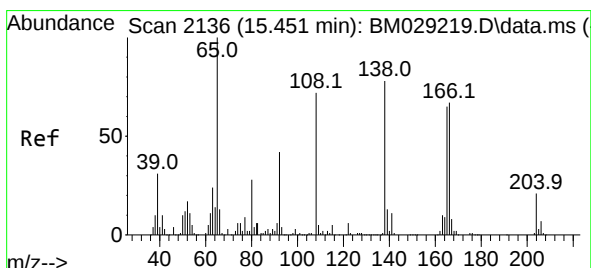
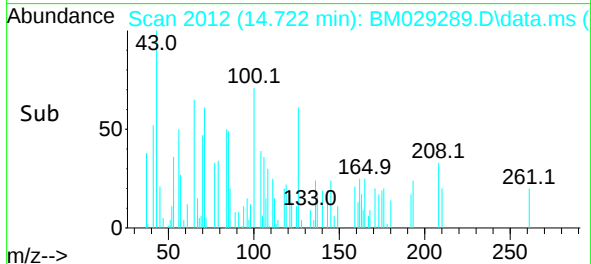
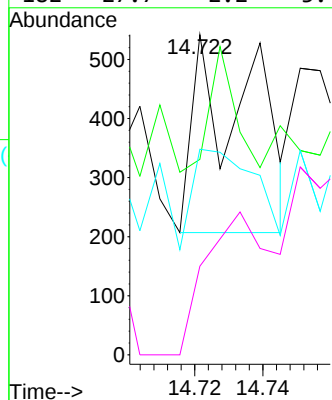
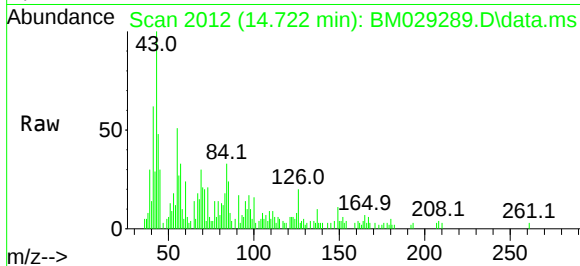




#57
2,4-Dinitrotoluene
Concen: 3.23 ng
RT: 14.722 min Scan# 2012
Delta R.T. -0.018 min
Lab File: BM029289.D
Acq: 31 Mar 2021 12:10

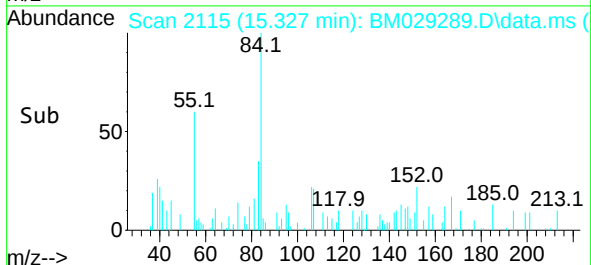
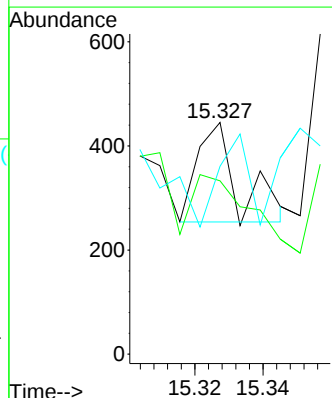
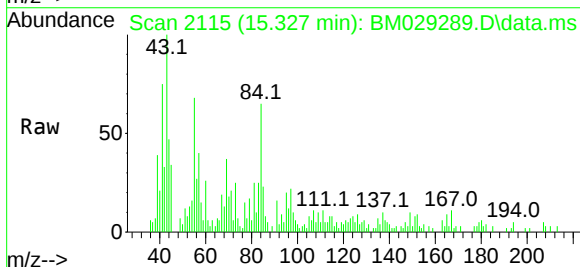
Instrument :
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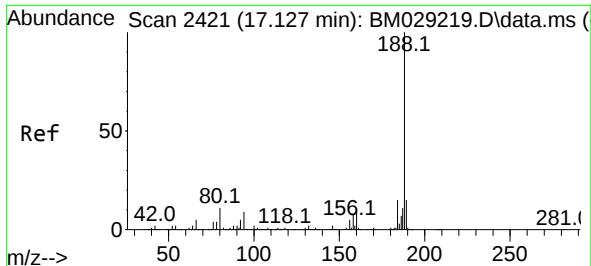
Tgt Ion:	165	Resp:	389
Ion	Ratio	Lower	Upper
165	100		
63	61.1	42.2	63.4
89	64.2	65.6	98.4#
182	27.7	2.2	3.4#



#62
4-Nitroaniline
Concen: 3.61 ng
RT: 15.327 min Scan# 2115
Delta R.T. -0.112 min
Lab File: BM029289.D
Acq: 31 Mar 2021 12:10

Tgt Ion:	138	Resp:	161
Ion	Ratio	Lower	Upper
138	100		
92	74.8	38.2	78.2
108	81.1	71.7	111.7

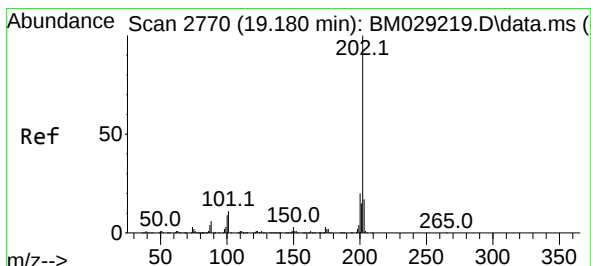
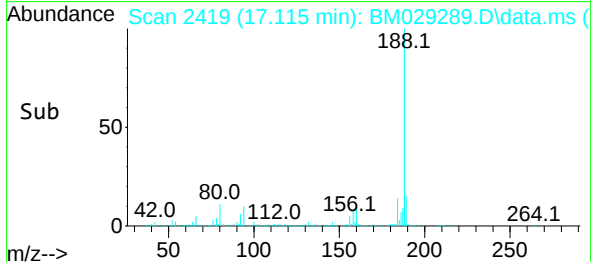
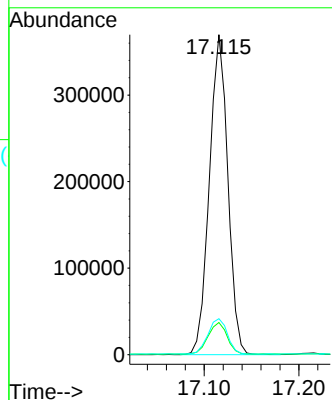
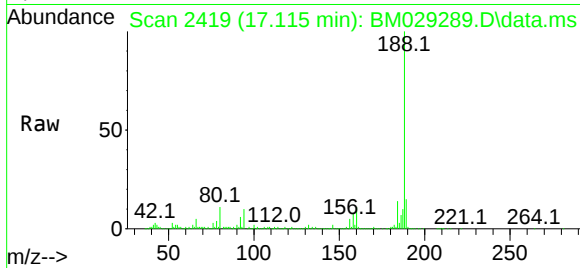




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.115 min Scan# 2419
Delta R.T. -0.000 min
Lab File: BM029289.D
Acq: 31 Mar 2021 12:10

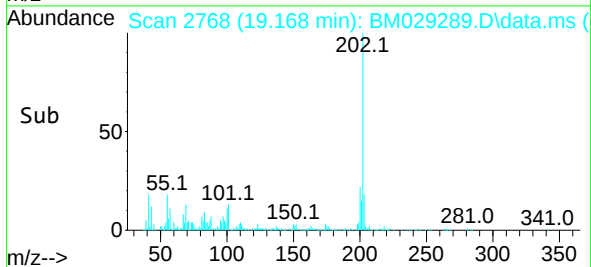
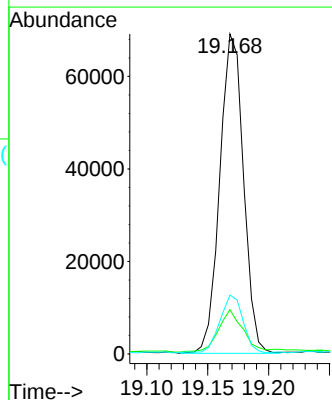
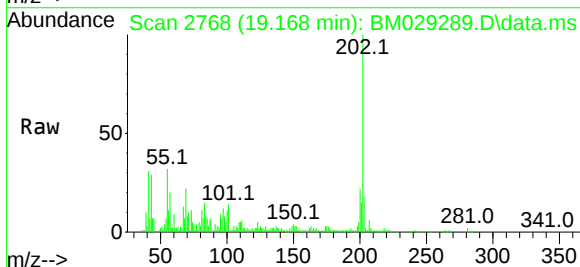
Instrument :
BNA_M
ClientSampleId :
SB-1S-(0.5-1)

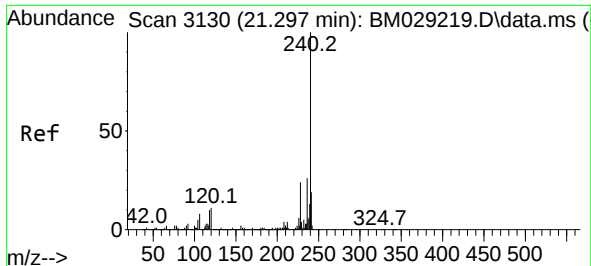
Tgt Ion:188 Resp: 499658
Ion Ratio Lower Upper
188 100
94 10.0 8.1 12.1
80 11.3 9.2 13.8



#75
Fluoranthene
Concen: 2.92 ng
RT: 19.168 min Scan# 2768
Delta R.T. -0.000 min
Lab File: BM029289.D
Acq: 31 Mar 2021 12:10

Tgt Ion:202 Resp: 93453
Ion Ratio Lower Upper
202 100
101 13.9 0.0 31.5
203 18.4 0.0 37.7

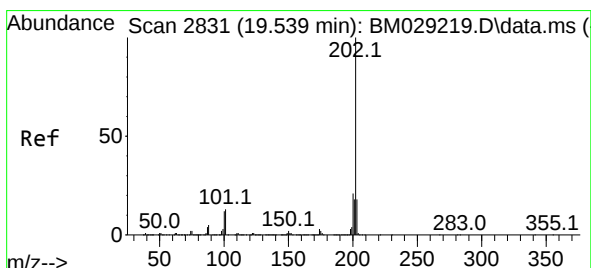
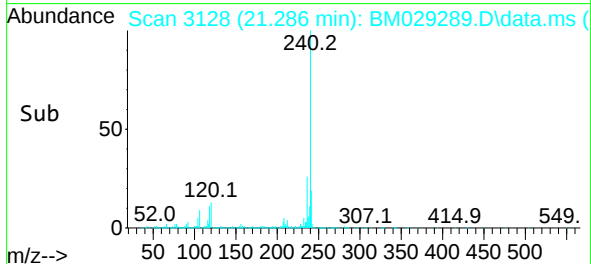
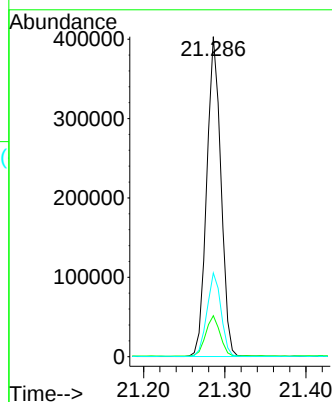
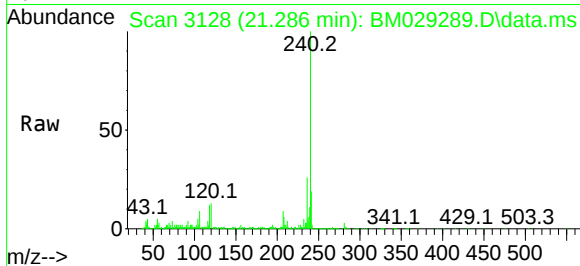




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.286 min Scan# 3128
Delta R.T. -0.000 min
Lab File: BM029289.D
Acq: 31 Mar 2021 12:10

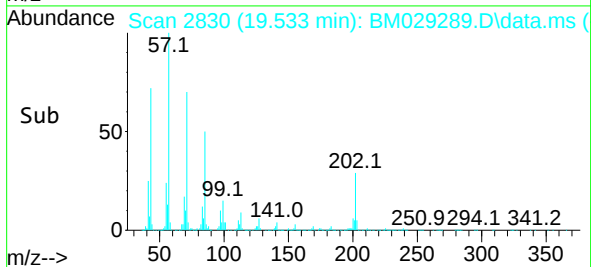
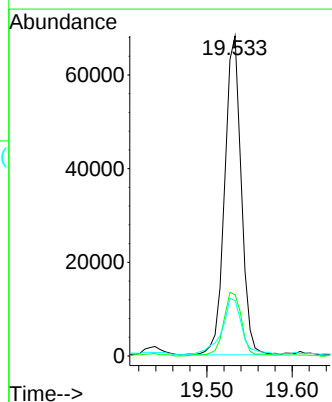
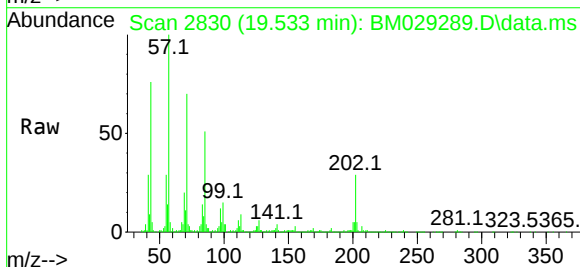
Instrument :
BNA_M
ClientSampleId :
SB-1S-(0.5-1)

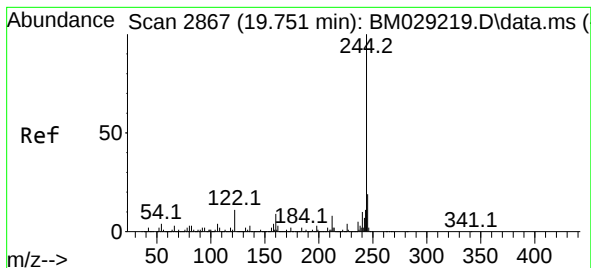
Tgt Ion:240 Resp: 487696
Ion Ratio Lower Upper
240 100
120 12.8 9.0 13.6
236 26.2 20.3 30.5



#78
Pyrene
Concen: 2.79 ng
RT: 19.533 min Scan# 2830
Delta R.T. -0.000 min
Lab File: BM029289.D
Acq: 31 Mar 2021 12:10

Tgt Ion:202 Resp: 92001
Ion Ratio Lower Upper
202 100
200 19.1 17.0 25.6
203 17.3 14.1 21.1





#79

Terphenyl-d14

Concen: 62.07 ng

RT: 19.739 min Scan# 2865

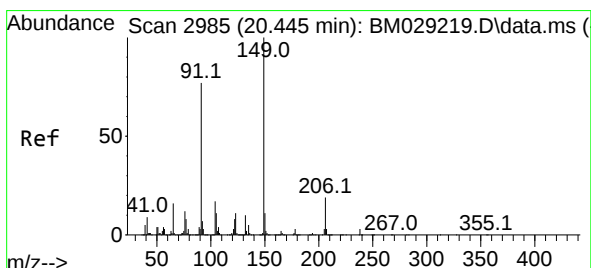
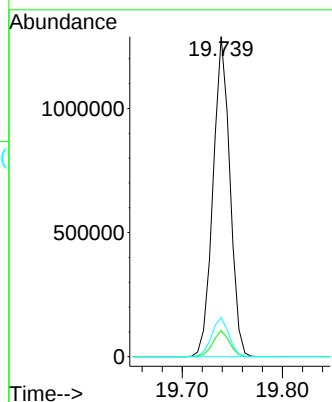
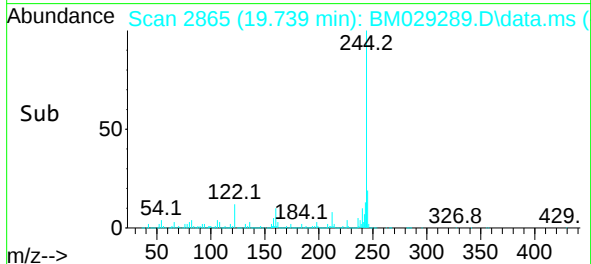
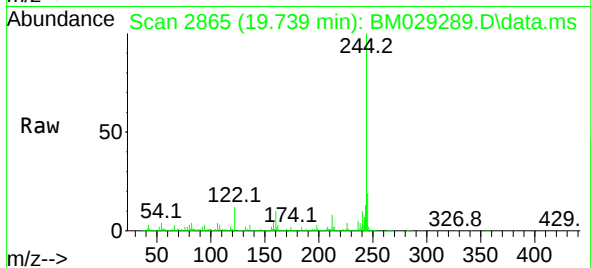
Delta R.T. -0.000 min

Lab File: BM029289.D

Acq: 31 Mar 2021 12:10

Tgt Ion:244 Resp: 1506945

Ion	Ratio	Lower	Upper
244	100		
212	8.2	6.5	9.7
122	12.1	9.2	13.8



#80

Butylbenzylphthalate

Concen: 3.65 ng

RT: 20.433 min Scan# 2983

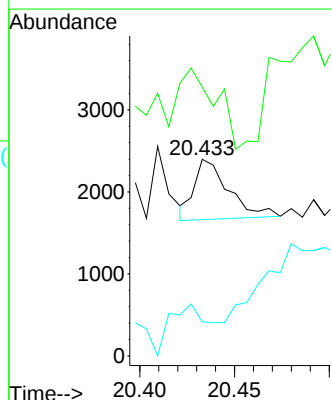
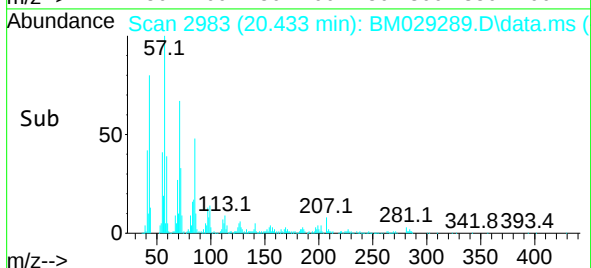
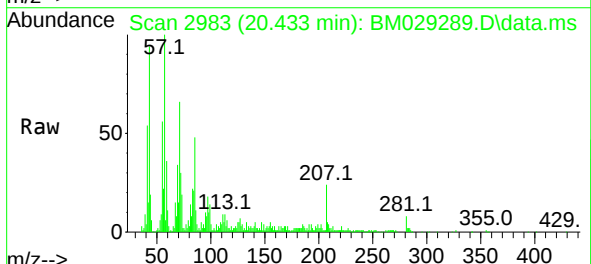
Delta R.T. -0.000 min

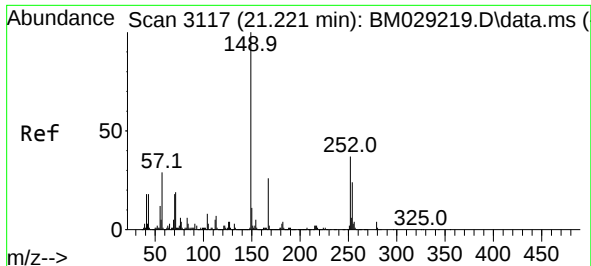
Lab File: BM029289.D

Acq: 31 Mar 2021 12:10

Tgt Ion:149 Resp: 927

Ion	Ratio	Lower	Upper
149	100		
91	136.7	60.5	90.7#
206	17.4	15.7	23.5

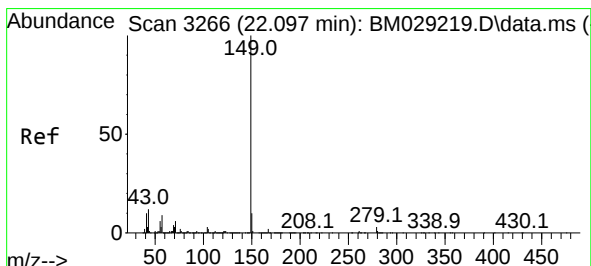
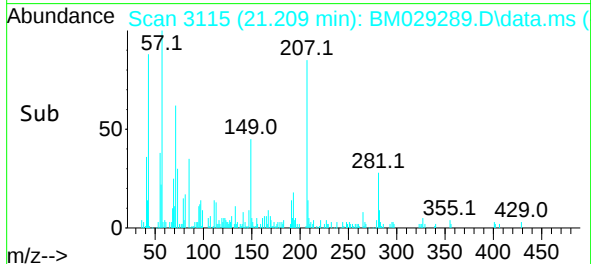
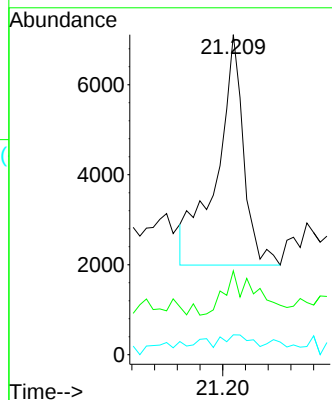
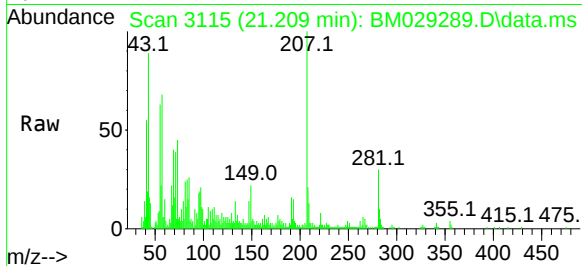




#84
Bis(2-ethylhexyl)phthalate
Concen: 3.99 ng
RT: 21.209 min Scan# 3115
Delta R.T. -0.000 min
Lab File: BM029289.D
Acq: 31 Mar 2021 12:10

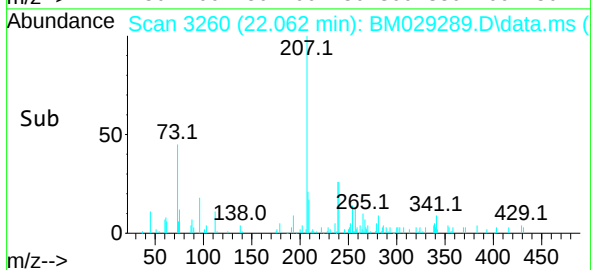
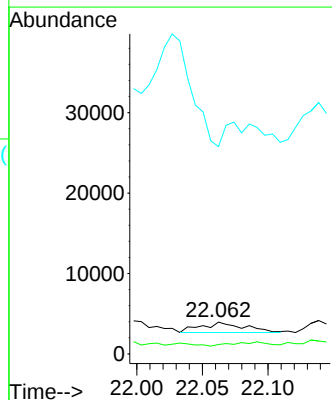
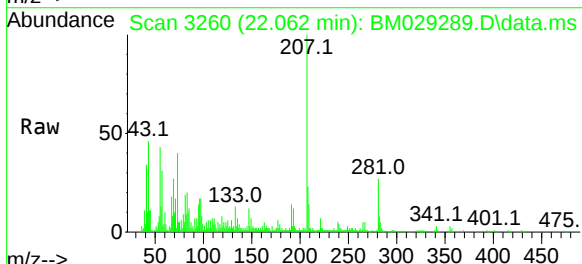
Instrument :
BNA_M
ClientSampleId :
SB-1S-(0.5-1)

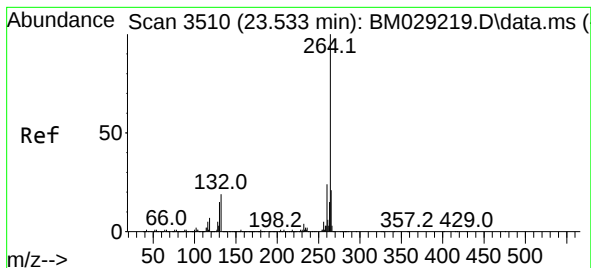
Tgt Ion:149 Resp: 8445
Ion Ratio Lower Upper
149 100
167 26.2 20.6 31.0
279 6.2 3.3 4.9#



#85
Di-n-octyl phthalate
Concen: 4.15 ng
RT: 22.062 min Scan# 3260
Delta R.T. -0.024 min
Lab File: BM029289.D
Acq: 31 Mar 2021 12:10

Tgt Ion:149 Resp: 2968
Ion Ratio Lower Upper
149 100
167 0.0 1.3 1.9#
43 0.0 9.8 14.6#





#86

Perylene-d12

Concen: 20.00 ng

RT: 23.527 min Scan# 3509

Delta R.T. 0.006 min

Lab File: BM029289.D

Acq: 31 Mar 2021 12:10

Tgt Ion:264 Resp: 539960

Ion Ratio Lower Upper

264 100

260 24.1 19.6 29.4

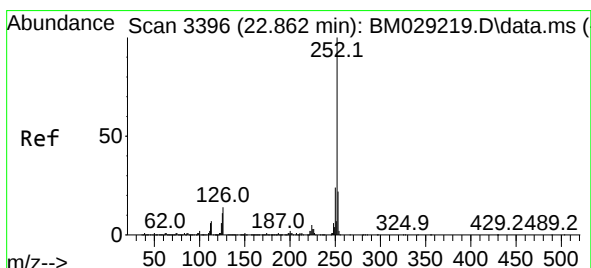
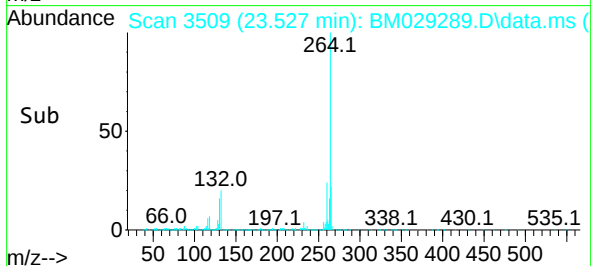
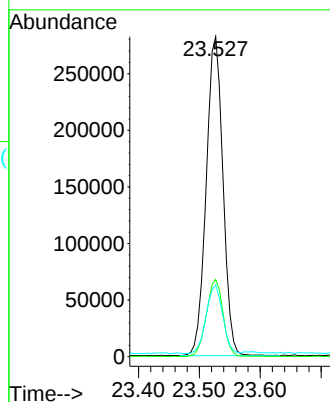
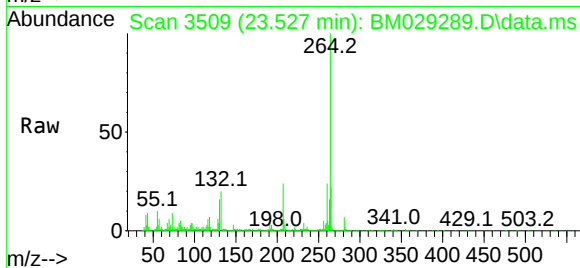
265 22.4 17.8 26.8

Instrument :

BNA_M

ClientSampleId :

SB-1S-(0.5-1)



#88

Benzo(b)fluoranthene

Concen: 2.32 ng

RT: 22.850 min Scan# 3394

Delta R.T. 0.006 min

Lab File: BM029289.D

Acq: 31 Mar 2021 12:10

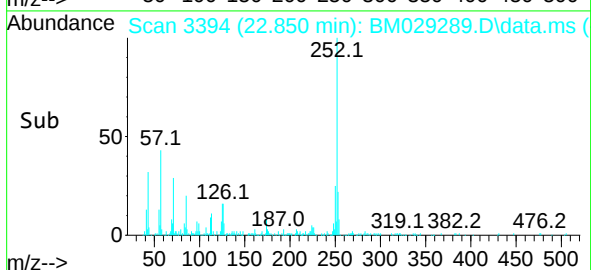
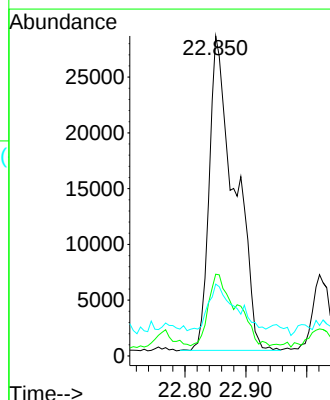
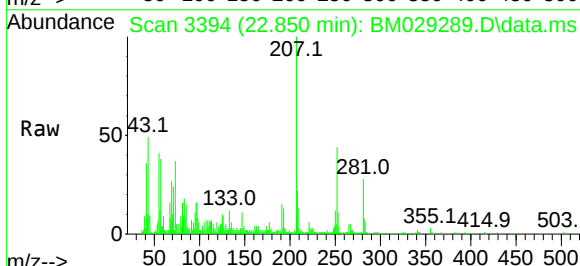
Tgt Ion:252 Resp: 81565

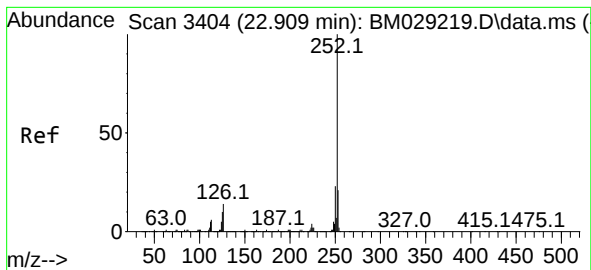
Ion Ratio Lower Upper

252 100

253 25.5 17.6 26.4

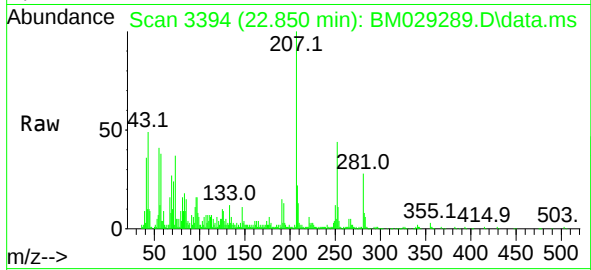
125 22.5 9.0 13.4#





#89
Benzo(k)fluoranthene
Concen: 2.39 ng
RT: 22.850 min Scan# 3394
Delta R.T. -0.041 min
Lab File: BM029289.D
Acq: 31 Mar 2021 12:10

Instrument :
BNA_M
ClientSampleId :
SB-1S-(0.5-1)



Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.5	17.6	26.4
125	22.5	8.7	13.1

