

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012821\
 Data File : BM028589.D
 Acq On : 28 Jan 2021 16:07
 Operator : CG/JU
 Sample : M1251-05
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 200059

Quant Time: Jan 28 17:33:16 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM012021.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 27 13:20:04 2021
 Response via : Initial Calibration

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

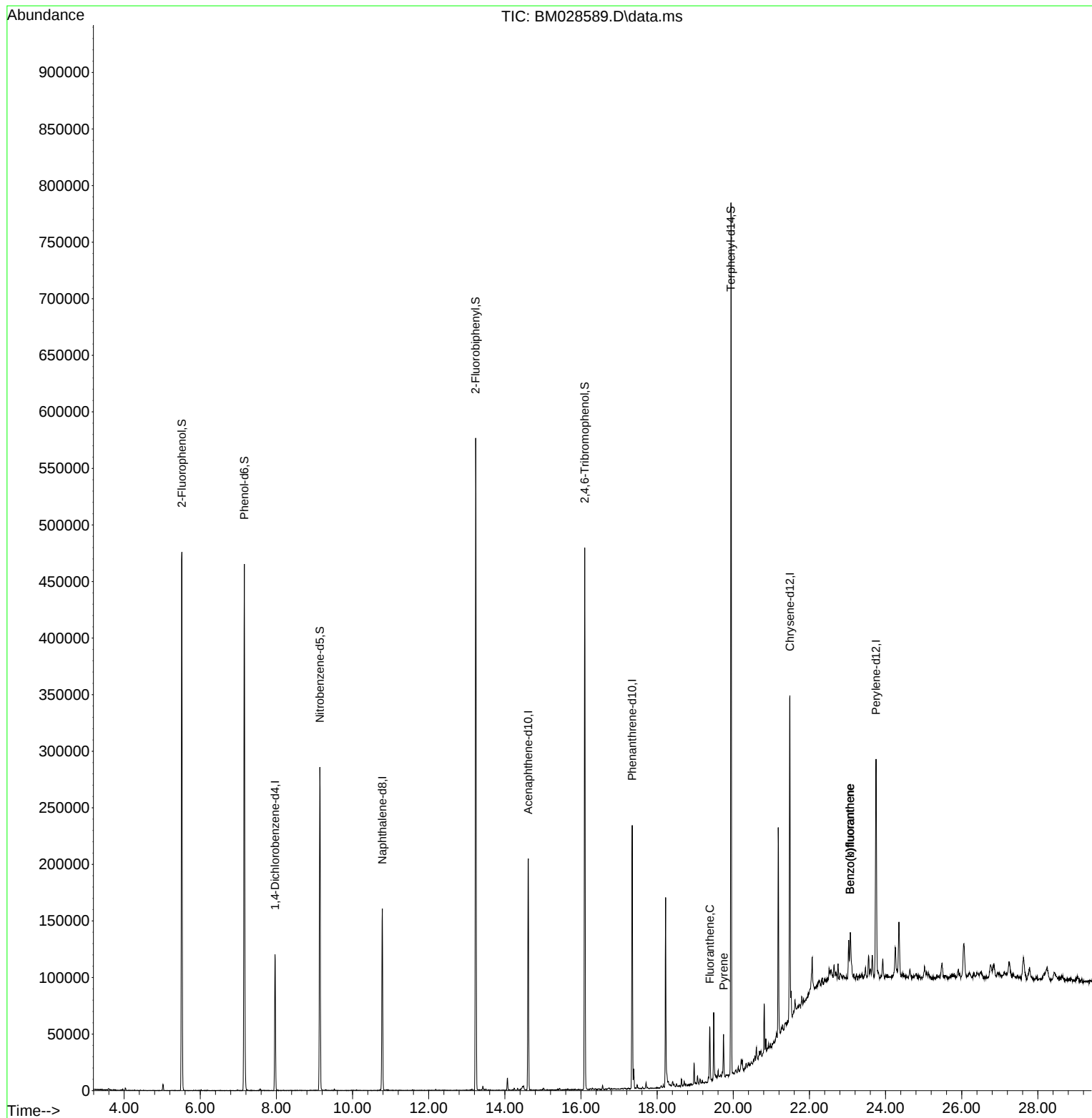
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.963	152	32790	20.00	ng	0.00
21) Naphthalene-d8	10.780	136	127204	20.00	ng	# 0.00
39) Acenaphthene-d10	14.615	164	69051	20.00	ng	0.00
64) Phenanthrene-d10	17.345	188	131712	20.00	ng	# 0.00
76) Chrysene-d12	21.486	240	120775	20.00	ng	# 0.00
86) Perylene-d12	23.750	264	124161	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	197770	95.28	ng	-0.02
7) Phenol-d6	7.157	99	247427	87.54	ng	-0.03
23) Nitrobenzene-d5	9.139	82	153987	57.42	ng	-0.01
42) 2,4,6-Tribromophenol	16.098	330	80931	88.46	ng	-0.01
45) 2-Fluorobiphenyl	13.233	172	288418	52.40	ng	0.00
79) Terphenyl-d14	19.939	244	318659	47.65	ng	0.00
Target Compounds						Qvalue
75) Fluoranthene	19.386	202	23849	2.62	ng	96
78) Pyrene	19.744	202	21420	2.47	ng	98
88) Benzo(b)fluoranthene	23.068	252	24501	2.91	ng	# 87
89) Benzo(k)fluoranthene	23.068	252	24501	2.98	ng	# 87

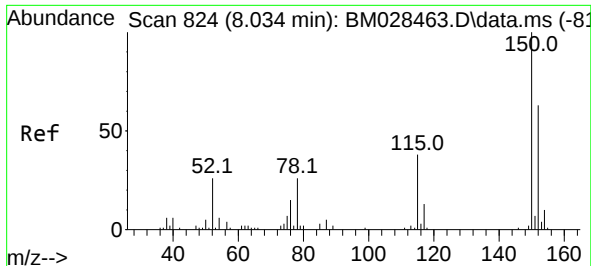
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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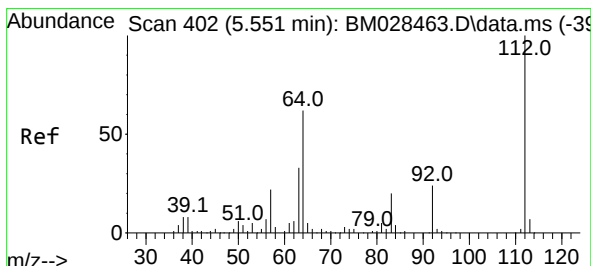
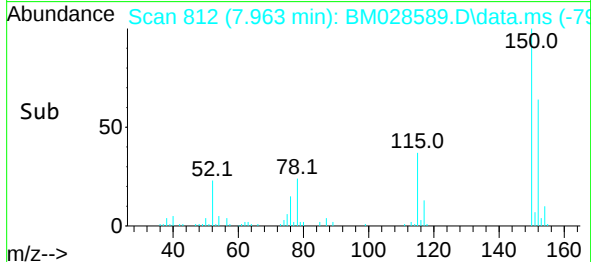
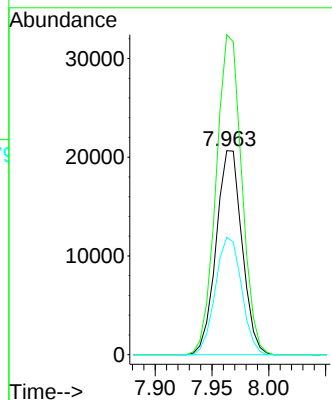
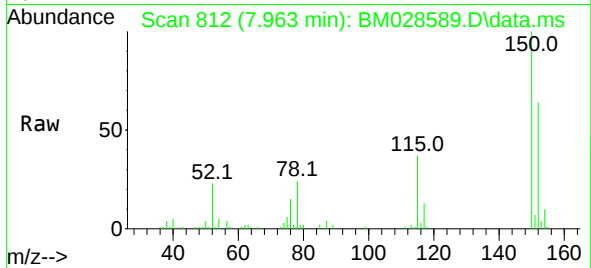




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.963 min Scan# 812
Delta R.T. -0.006 min
Lab File: BM028589.D
Acq: 28 Jan 2021 16:07

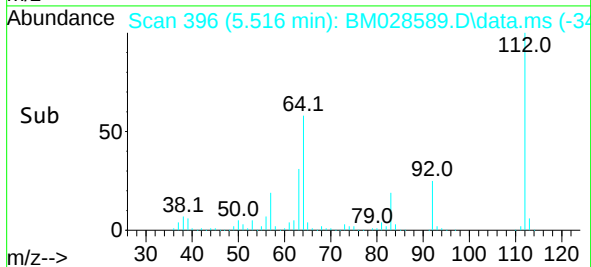
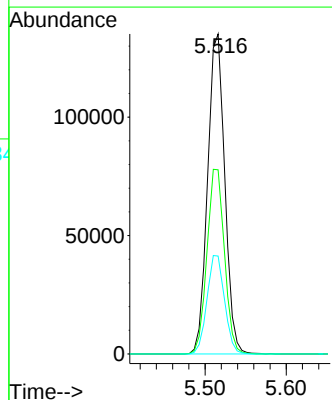
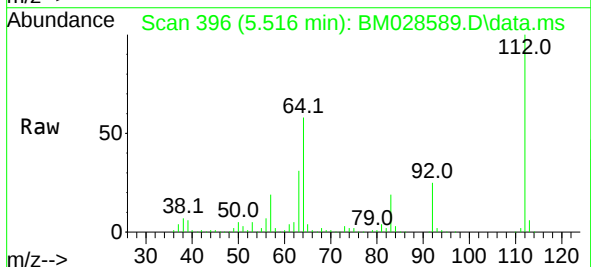
Instrument :
BNA_M
ClientSampleId :
200059

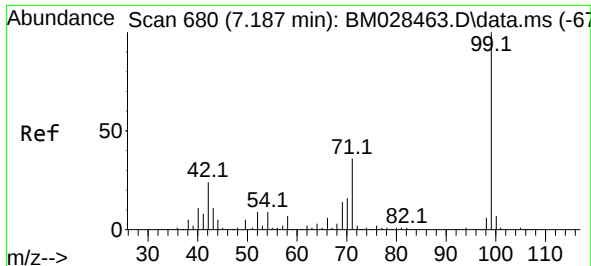
Tgt Ion:152 Resp: 32790
Ion Ratio Lower Upper
152 100
150 156.9 120.6 181.0
115 57.6 47.2 70.8



#5
2-Fluorophenol
Concen: 95.28 ng
RT: 5.516 min Scan# 396
Delta R.T. -0.018 min
Lab File: BM028589.D
Acq: 28 Jan 2021 16:07

Tgt Ion:112 Resp: 197770
Ion Ratio Lower Upper
112 100
64 57.6 50.6 76.0
63 30.6 31.0 46.6#

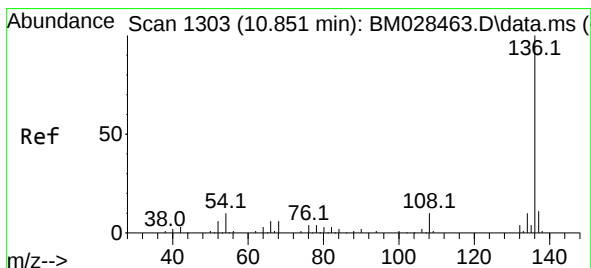
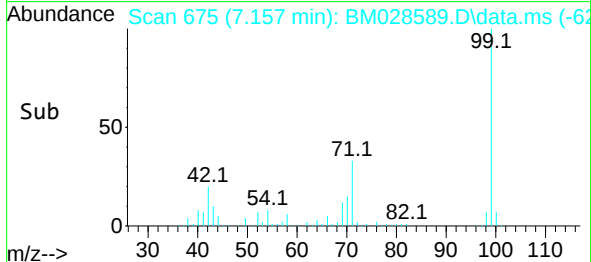
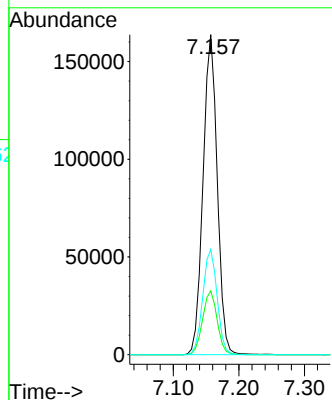
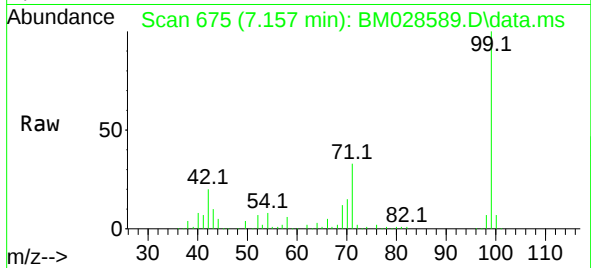




#7
Phenol-d6
Concen: 87.54 ng
RT: 7.157 min Scan# 675
Delta R.T. -0.030 min
Lab File: BM028589.D
Acq: 28 Jan 2021 16:07

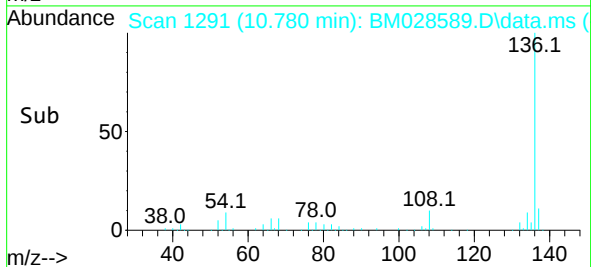
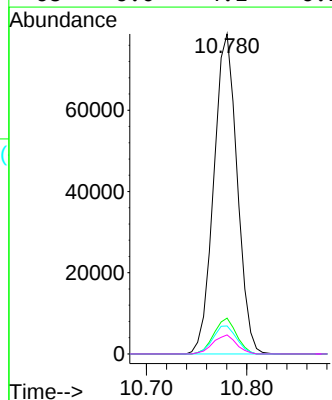
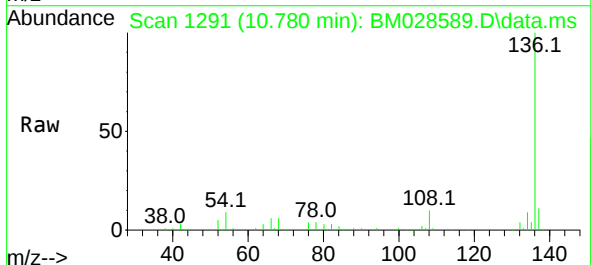
Instrument :
BNA_M
ClientSampleId :
200059

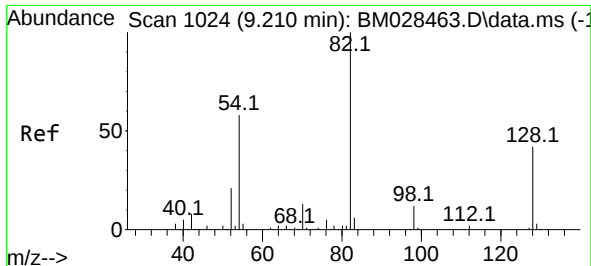
Tgt Ion: 99 Resp: 247427
Ion Ratio Lower Upper
99 100
42 20.0 13.5 20.3
71 32.9 39.4 59.0#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.780 min Scan# 1291
Delta R.T. -0.006 min
Lab File: BM028589.D
Acq: 28 Jan 2021 16:07

Tgt Ion: 136 Resp: 127204
Ion Ratio Lower Upper
136 100
137 11.2 8.6 12.8
54 8.7 4.6 7.0#
68 6.0 4.1 6.1

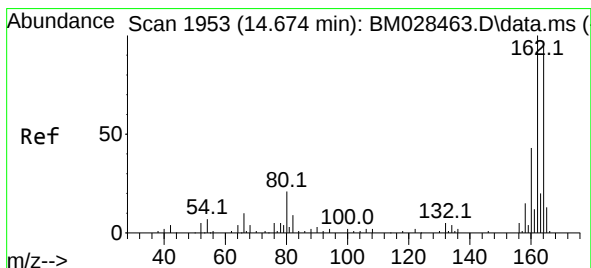
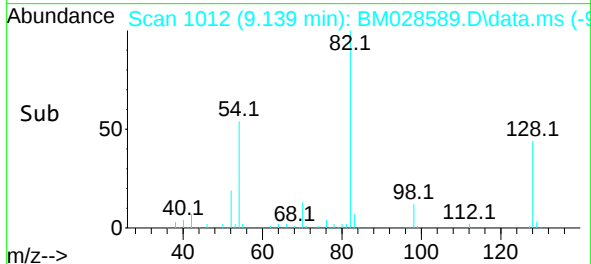
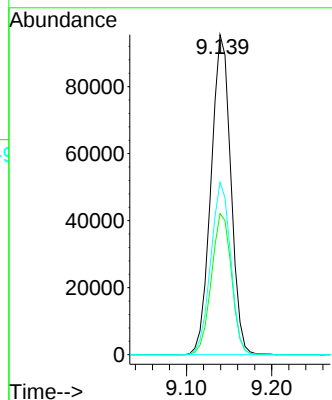
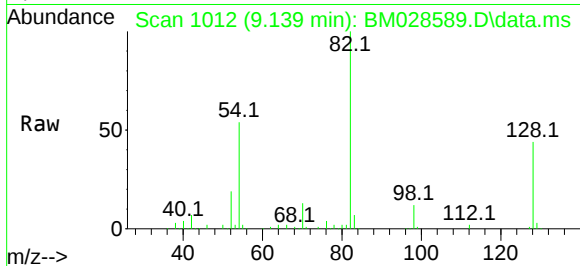




#23
Nitrobenzene-d5
Concen: 57.42 ng
RT: 9.139 min Scan# 1012
Delta R.T. -0.012 min
Lab File: BM028589.D
Acq: 28 Jan 2021 16:07

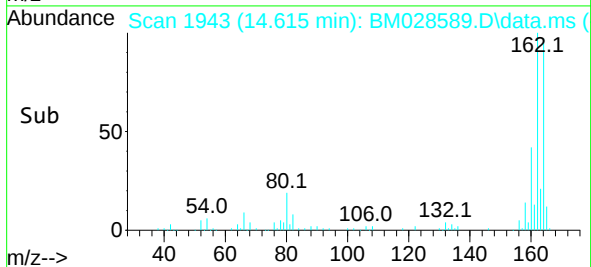
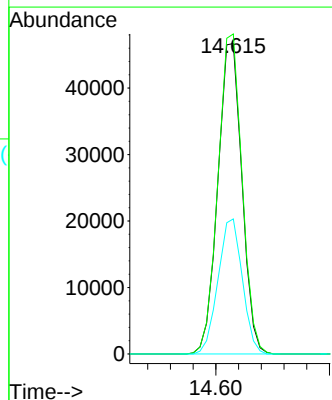
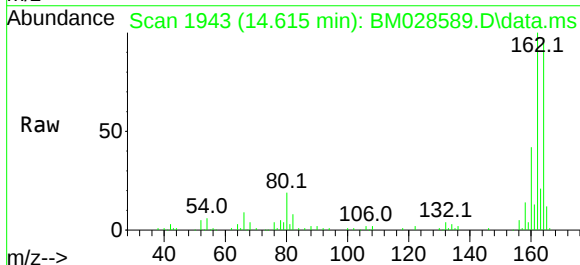
Instrument :
BNA_M
ClientSampleId :
200059

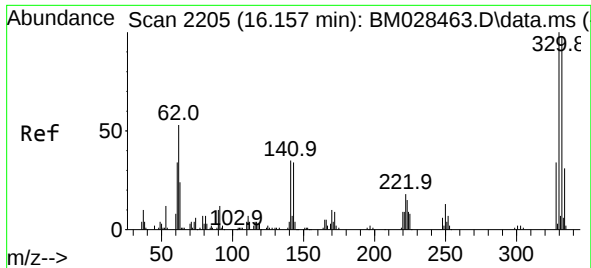
Tgt Ion: 82 Resp: 153987
Ion Ratio Lower Upper
82 100
128 44.1 27.4 41.0#
54 53.9 31.4 47.0#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.615 min Scan# 1943
Delta R.T. -0.006 min
Lab File: BM028589.D
Acq: 28 Jan 2021 16:07

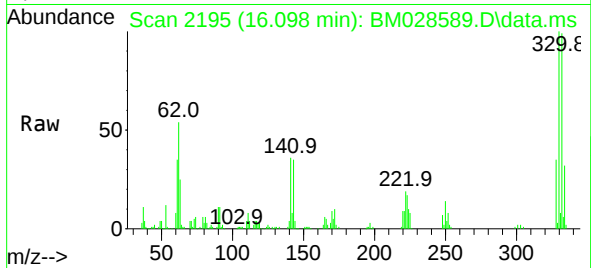
Tgt Ion: 164 Resp: 69051
Ion Ratio Lower Upper
164 100
162 103.1 80.4 120.6
160 43.5 35.9 53.9



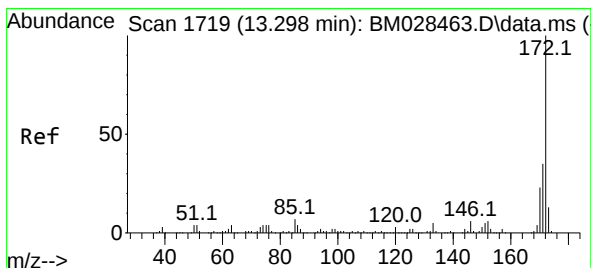
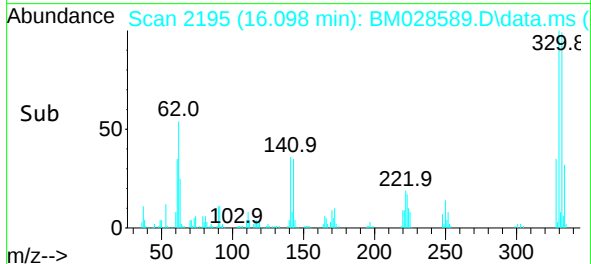
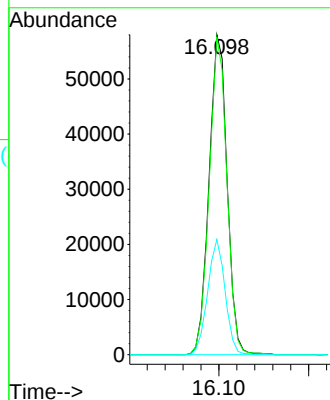


#42
2,4,6-Tribromophenol
Concen: 88.46 ng
RT: 16.098 min Scan# 2195
Delta R.T. -0.012 min
Lab File: BM028589.D
Acq: 28 Jan 2021 16:07

Instrument :
BNA_M
ClientSampleId :
200059

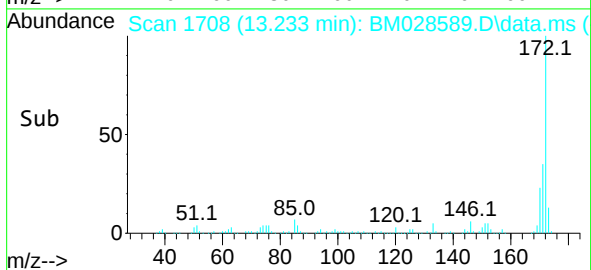
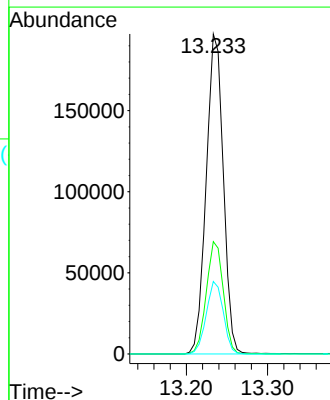
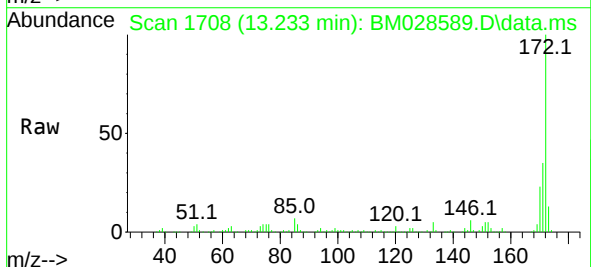


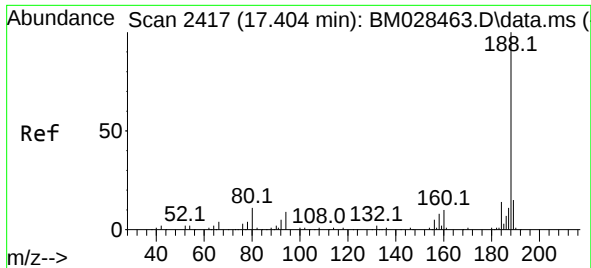
Tgt Ion:330 Resp: 80931
Ion Ratio Lower Upper
330 100
332 97.1 77.8 116.8
141 34.8 28.4 42.6



#45
2-Fluorobiphenyl
Concen: 52.40 ng
RT: 13.233 min Scan# 1708
Delta R.T. -0.006 min
Lab File: BM028589.D
Acq: 28 Jan 2021 16:07

Tgt Ion:172 Resp: 288418
Ion Ratio Lower Upper
172 100
171 35.1 27.8 41.8
170 22.6 18.6 27.8

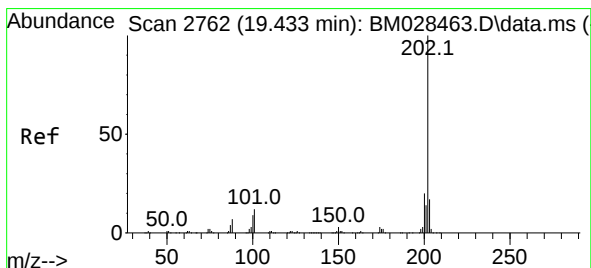
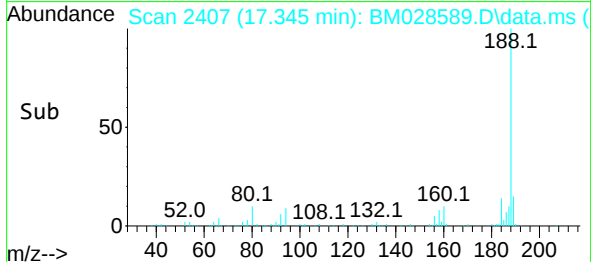
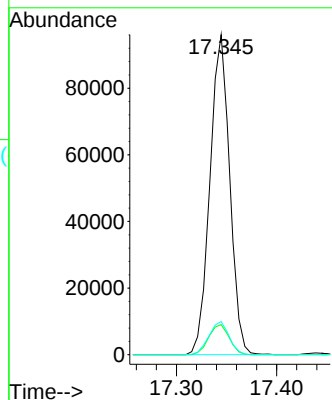
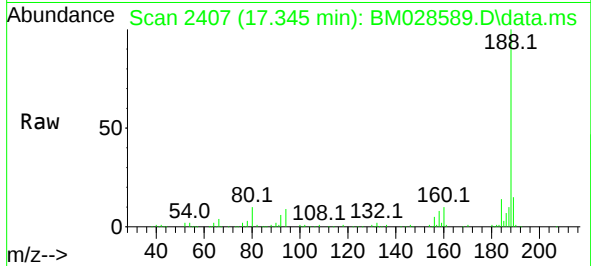




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.345 min Scan# 2407
Delta R.T. -0.006 min
Lab File: BM028589.D
Acq: 28 Jan 2021 16:07

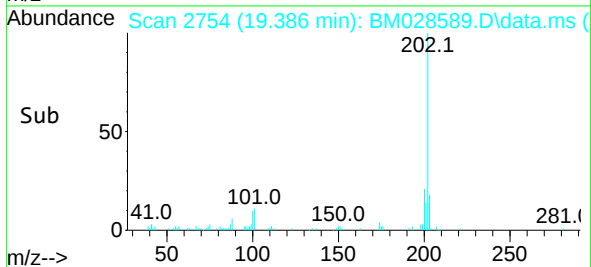
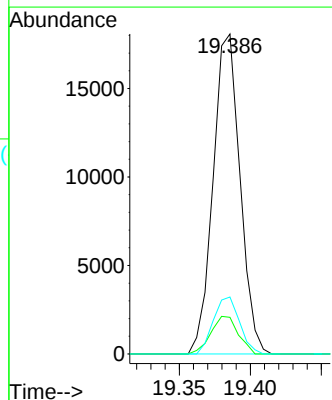
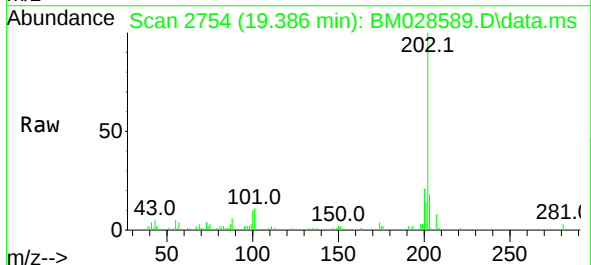
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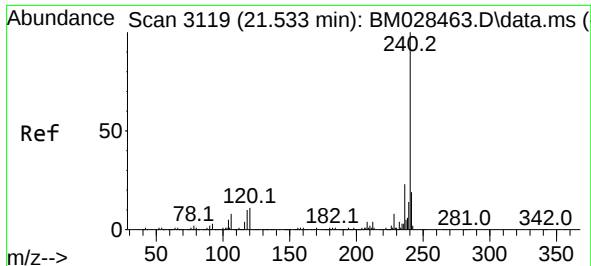
Tgt Ion:188 Resp: 131712
Ion Ratio Lower Upper
188 100
94 9.4 6.2 9.4#
80 10.4 7.5 11.3



#75
Fluoranthene
Concen: 2.62 ng
RT: 19.386 min Scan# 2754
Delta R.T. -0.006 min
Lab File: BM028589.D
Acq: 28 Jan 2021 16:07

Tgt Ion:202 Resp: 23849
Ion Ratio Lower Upper
202 100
101 11.4 0.0 28.5
203 17.8 0.0 37.3

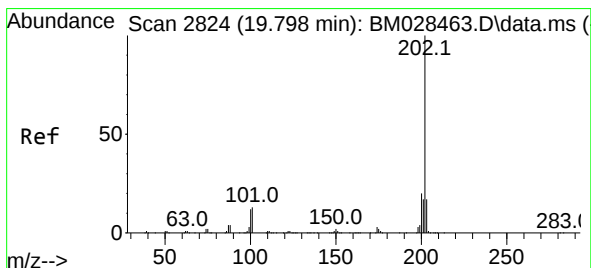
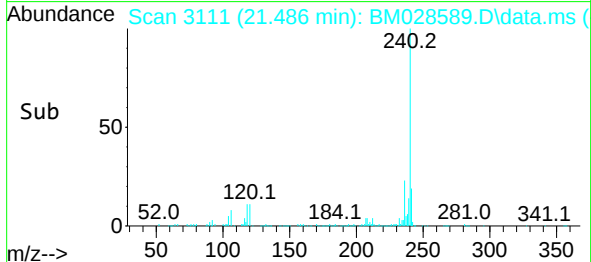
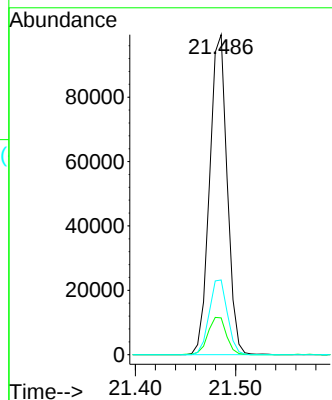
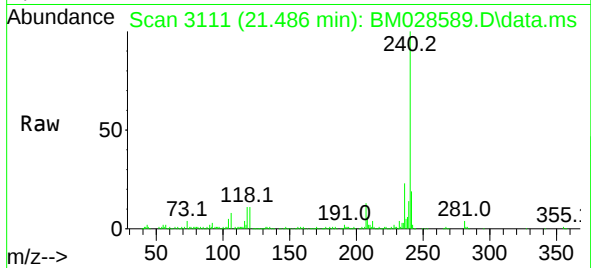




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.486 min Scan# 3111
Delta R.T. -0.000 min
Lab File: BM028589.D
Acq: 28 Jan 2021 16:07

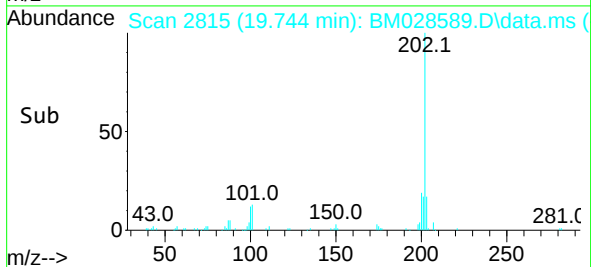
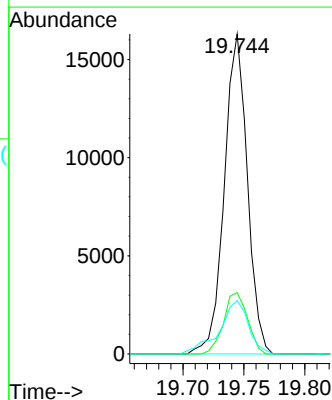
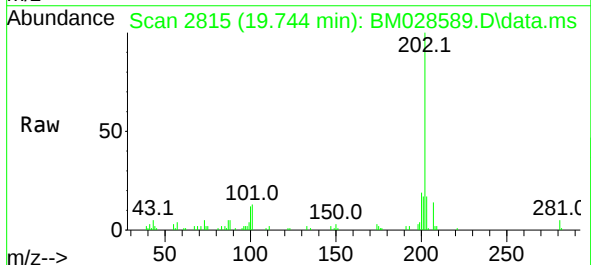
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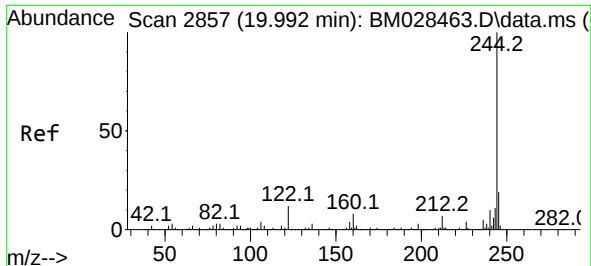
Tgt Ion:240 Resp: 120775
Ion Ratio Lower Upper
240 100
120 11.5 6.4 9.6#
236 23.3 20.1 30.1



#78
Pyrene
Concen: 2.47 ng
RT: 19.744 min Scan# 2815
Delta R.T. -0.006 min
Lab File: BM028589.D
Acq: 28 Jan 2021 16:07

Tgt Ion:202 Resp: 21420
Ion Ratio Lower Upper
202 100
200 19.2 16.6 24.8
203 16.7 13.8 20.6

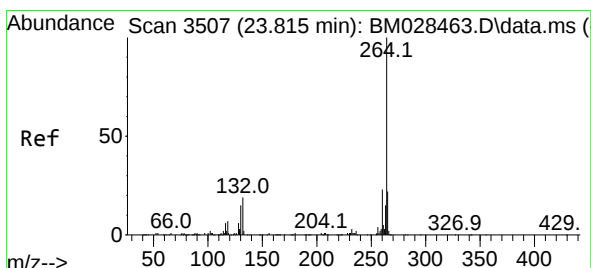
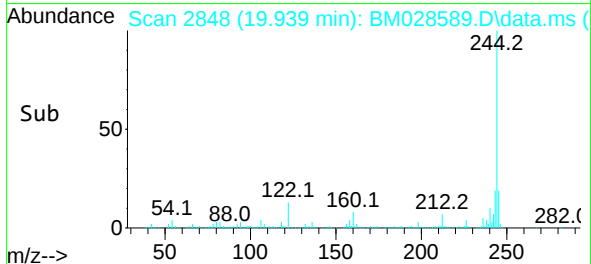
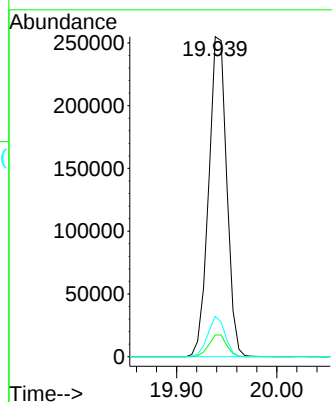
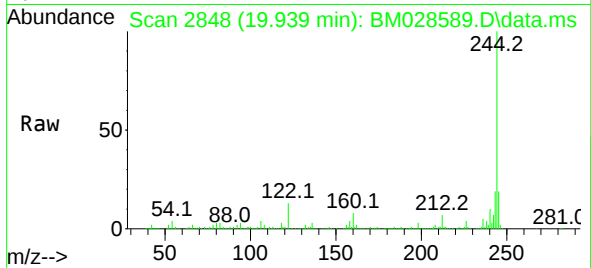




#79
 Terphenyl-d14
 Concen: 47.65 ng
 RT: 19.939 min Scan# 2848
 Delta R.T. -0.006 min
 Lab File: BM028589.D
 Acq: 28 Jan 2021 16:07

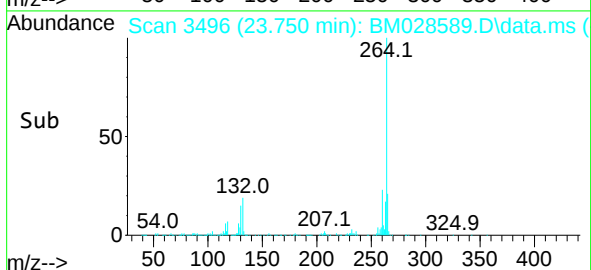
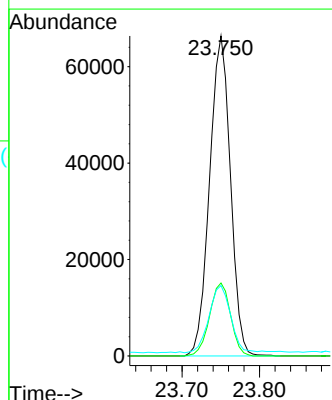
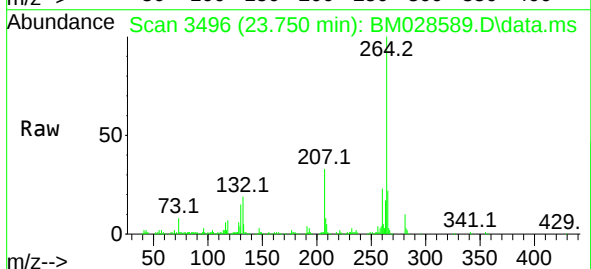
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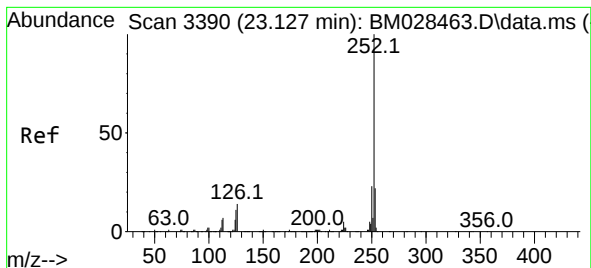
Tgt Ion:244 Resp: 318659
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.8 8.8
 122 12.5 6.5 9.7#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 23.750 min Scan# 3496
 Delta R.T. -0.000 min
 Lab File: BM028589.D
 Acq: 28 Jan 2021 16:07

Tgt Ion:264 Resp: 124161
 Ion Ratio Lower Upper
 264 100
 260 22.8 19.0 28.4
 265 22.0 17.7 26.5





#88

Benzo(b)fluoranthene

Concen: 2.91 ng

RT: 23.068 min Scan# 3380

Delta R.T. -0.006 min

Lab File: BM028589.D

Acq: 28 Jan 2021 16:07

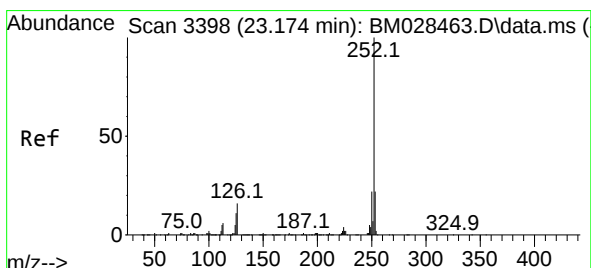
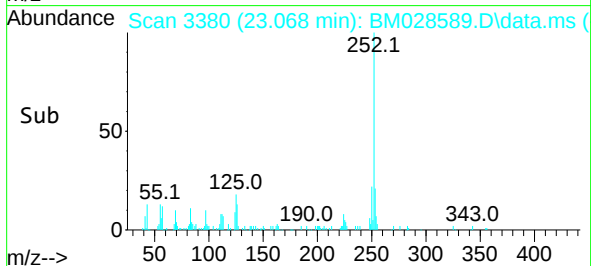
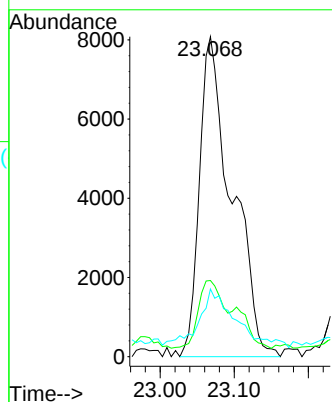
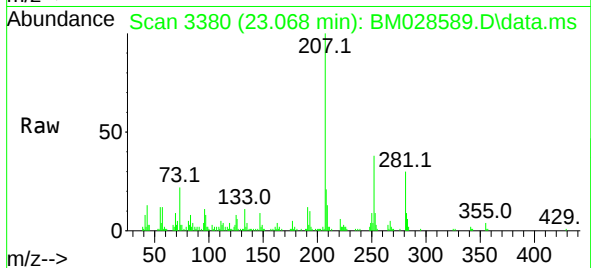
Tgt Ion:	252	Resp:	24501
Ion Ratio	Lower	Upper	
252	100		
253	23.8	17.4	26.0
125	21.2	5.7	8.5#

Instrument :

BNA_M

ClientSampleId :

200059



#89

Benzo(k)fluoranthene

Concen: 2.98 ng

RT: 23.068 min Scan# 3380

Delta R.T. -0.047 min

Lab File: BM028589.D

Acq: 28 Jan 2021 16:07

Tgt Ion:	252	Resp:	24501
Ion Ratio	Lower	Upper	
252	100		
253	23.8	17.4	26.0
125	21.2	5.6	8.4#

