

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012821\
 Data File : BM028588.D
 Acq On : 28 Jan 2021 15:31
 Operator : CG/JU
 Sample : M1249-02
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 2

Quant Time: Jan 28 16:21:21 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)

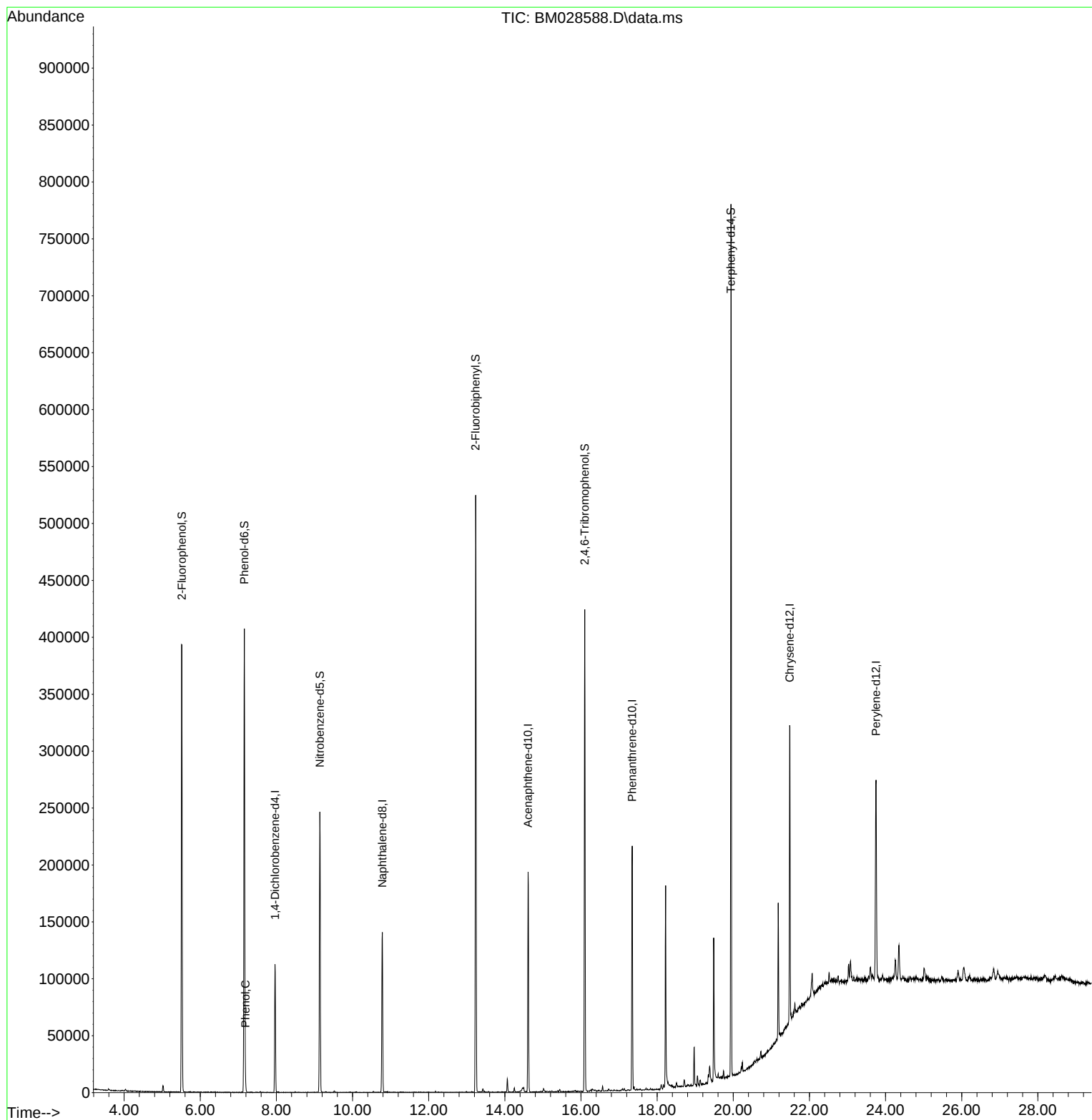
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.963	152	29924	20.00	ng	0.00
21) Naphthalene-d8	10.780	136	116355	20.00	ng	# 0.00
39) Acenaphthene-d10	14.610	164	62469	20.00	ng	-0.01
64) Phenanthrene-d10	17.345	188	122074	20.00	ng	# 0.00
76) Chrysene-d12	21.486	240	113481	20.00	ng	# 0.00
86) Perylene-d12	23.750	264	114866	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	166366	87.82	ng	-0.02
7) Phenol-d6	7.157	99	215252	83.45	ng	-0.03
23) Nitrobenzene-d5	9.139	82	131377	53.55	ng	-0.01
42) 2,4,6-Tribromophenol	16.098	330	72166	87.19	ng	-0.01
45) 2-Fluorobiphenyl	13.233	172	259461	52.11	ng	0.00
79) Terphenyl-d14	19.939	244	308076	49.02	ng	0.00
Target Compounds						
10) Phenol	7.187	94	5331	2.19	ng	Qvalue 86

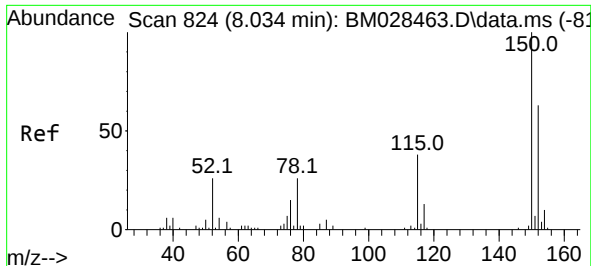
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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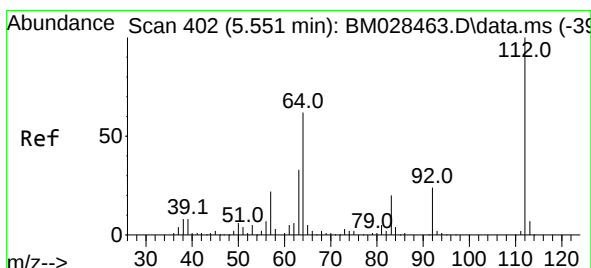
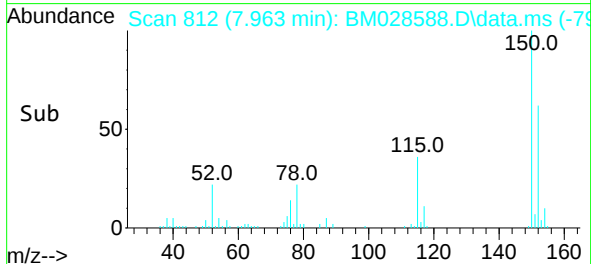
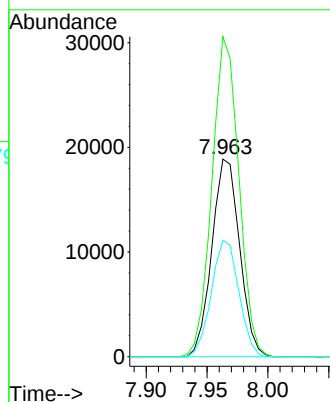
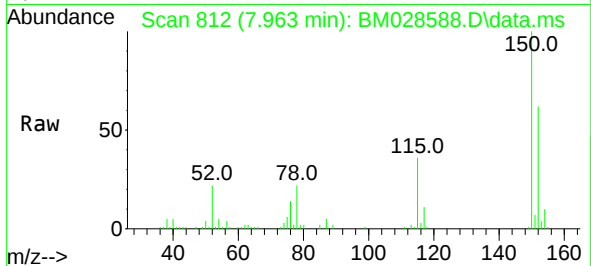




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.963 min Scan# 812
Delta R.T. -0.006 min
Lab File: BM028588.D
Acq: 28 Jan 2021 15:31

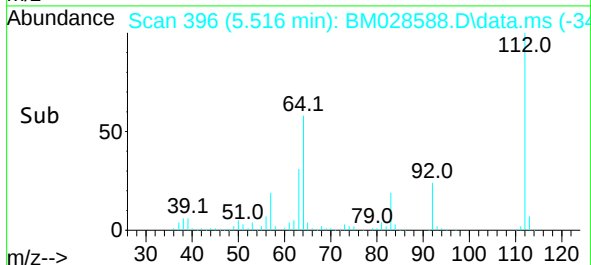
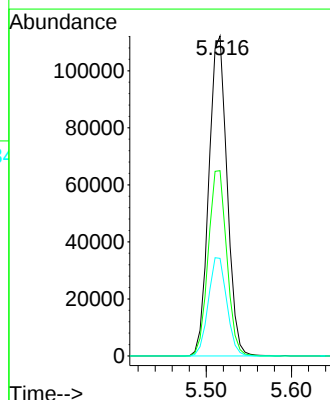
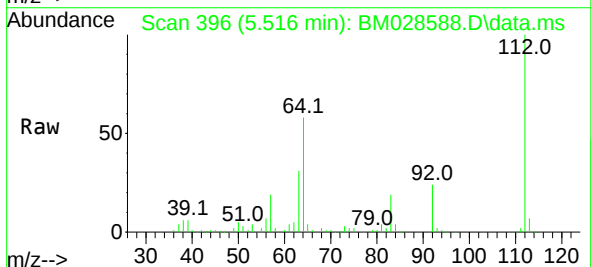
Instrument :
BNA_M
ClientSampled :
2

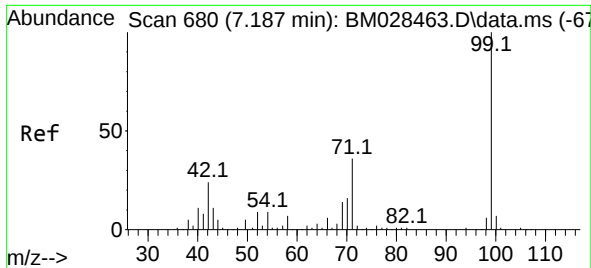
Tgt Ion:152 Resp: 29924
Ion Ratio Lower Upper
152 100
150 161.9 120.6 181.0
115 59.0 47.2 70.8



#5
2-Fluorophenol
Concen: 87.82 ng
RT: 5.516 min Scan# 396
Delta R.T. -0.018 min
Lab File: BM028588.D
Acq: 28 Jan 2021 15:31

Tgt Ion:112 Resp: 166366
Ion Ratio Lower Upper
112 100
64 57.9 50.6 76.0
63 30.5 31.0 46.6#

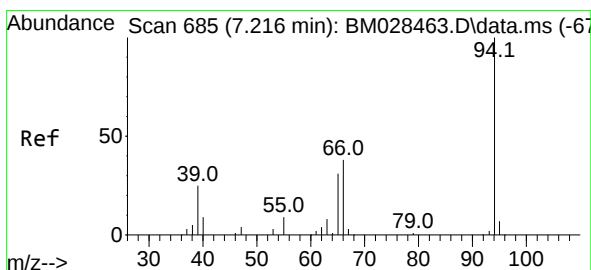
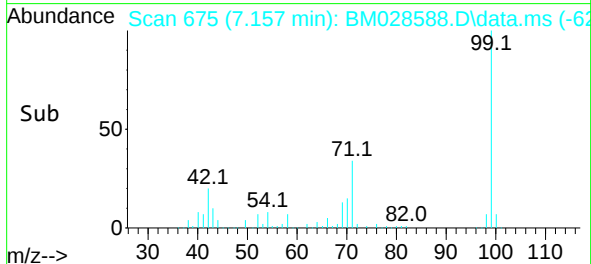
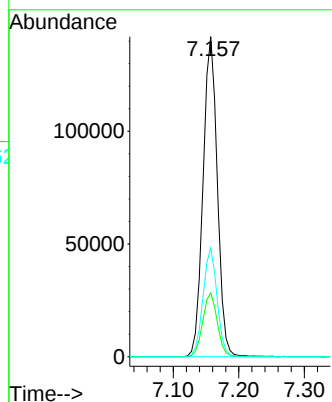
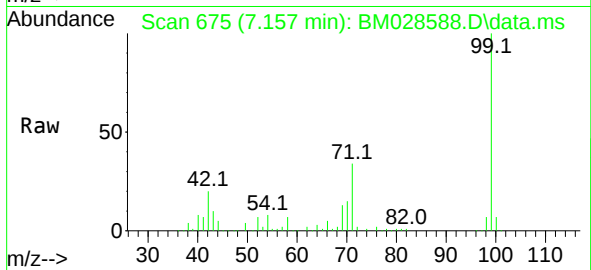




#7
Phenol-d6
Concen: 83.45 ng
RT: 7.157 min Scan# 675
Delta R.T. -0.029 min
Lab File: BM028588.D
Acq: 28 Jan 2021 15:31

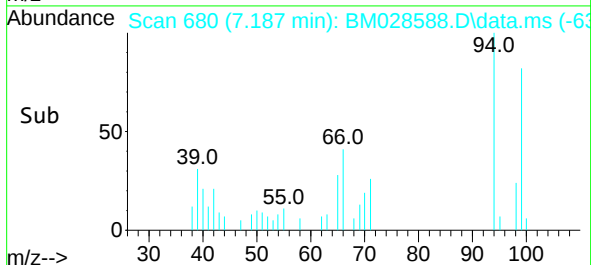
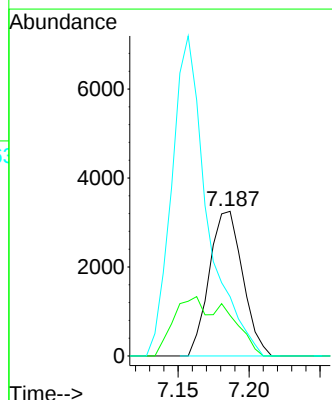
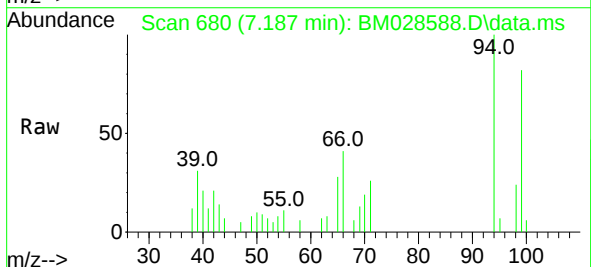
Instrument :
BNA_M
ClientSampled :
2

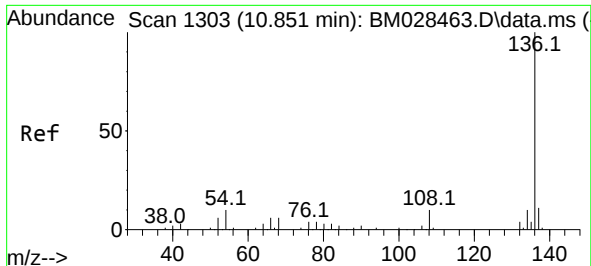
Tgt Ion: 99 Resp: 215252
Ion Ratio Lower Upper
99 100
42 19.9 13.5 20.3
71 34.0 39.4 59.0#



#10
Phenol
Concen: 2.19 ng
RT: 7.187 min Scan# 680
Delta R.T. -0.024 min
Lab File: BM028588.D
Acq: 28 Jan 2021 15:31

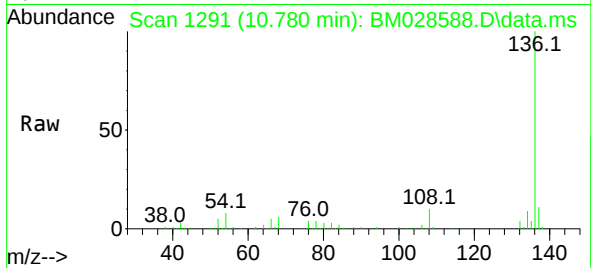
Tgt Ion: 94 Resp: 5331
Ion Ratio Lower Upper
94 100
65 27.9 16.4 56.4
66 40.9 30.2 70.2



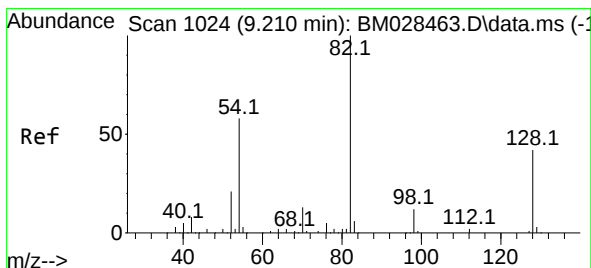
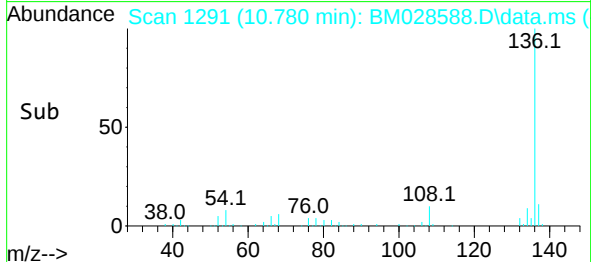
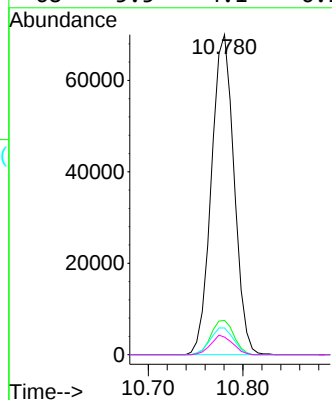


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.780 min Scan# 1291
Delta R.T. -0.006 min
Lab File: BM028588.D
Acq: 28 Jan 2021 15:31

Instrument :
BNA_M
ClientSampled :
2

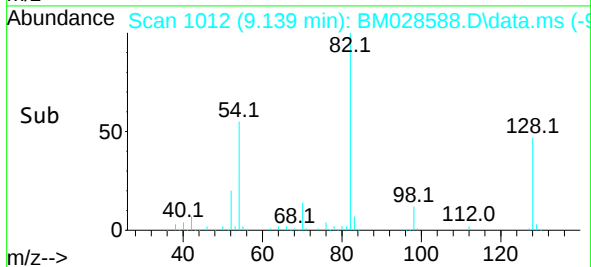
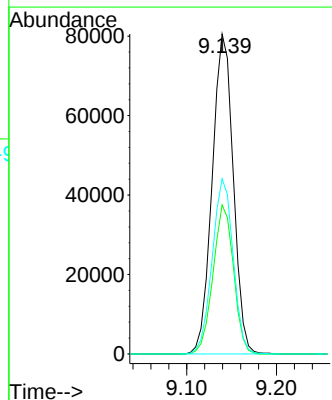
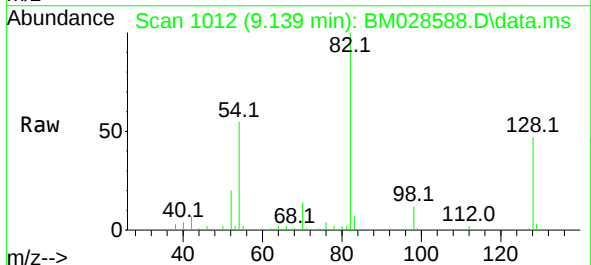


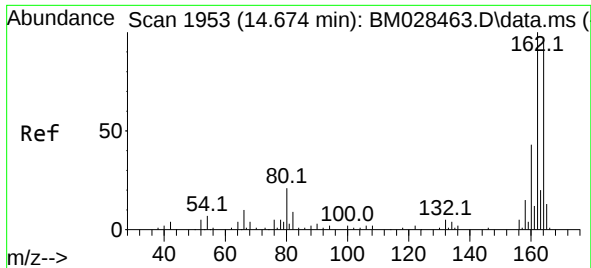
Tgt Ion:136 Resp: 116355
Ion Ratio Lower Upper
136 100
137 10.7 8.6 12.8
54 8.3 4.6 7.0#
68 5.5 4.1 6.1



#23
Nitrobenzene-d5
Concen: 53.55 ng
RT: 9.139 min Scan# 1012
Delta R.T. -0.012 min
Lab File: BM028588.D
Acq: 28 Jan 2021 15:31

Tgt Ion: 82 Resp: 131377
Ion Ratio Lower Upper
82 100
128 46.6 27.4 41.0#
54 54.7 31.4 47.0#

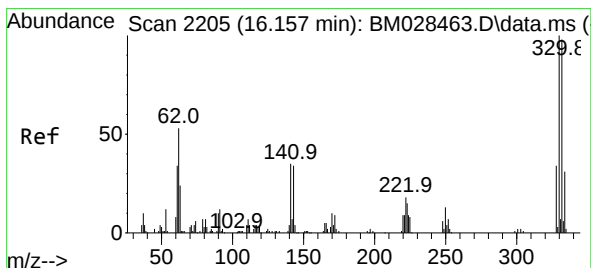
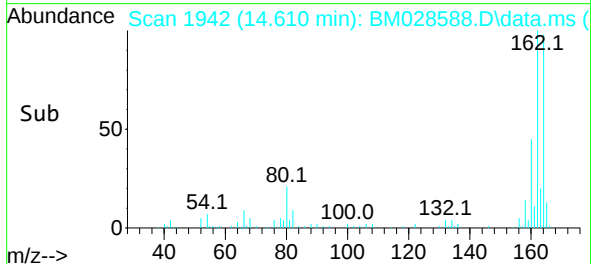
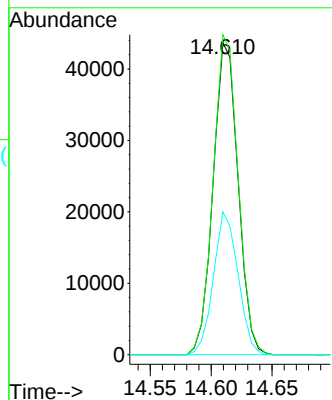
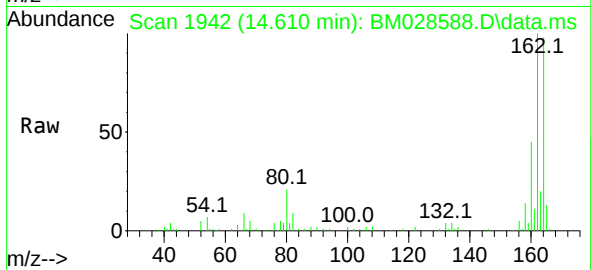




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.610 min Scan# 1942
Delta R.T. -0.012 min
Lab File: BM028588.D
Acq: 28 Jan 2021 15:31

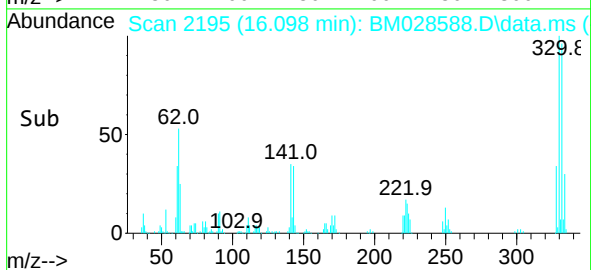
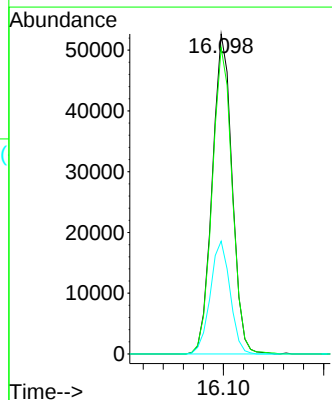
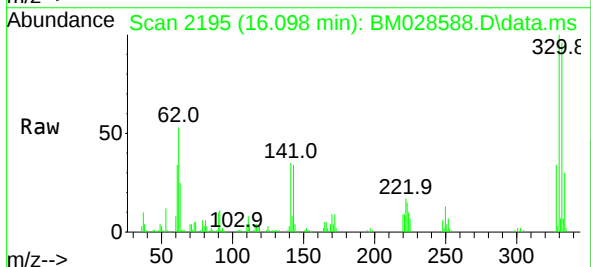
Instrument :
BNA_M
ClientSampled :
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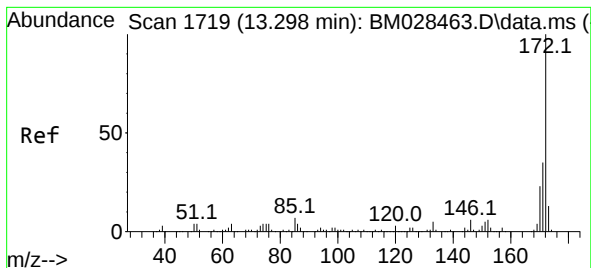
Tgt Ion:164 Resp: 62469
Ion Ratio Lower Upper
164 100
162 102.6 80.4 120.6
160 45.8 35.9 53.9



#42
2,4,6-Tribromophenol
Concen: 87.19 ng
RT: 16.098 min Scan# 2195
Delta R.T. -0.012 min
Lab File: BM028588.D
Acq: 28 Jan 2021 15:31

Tgt Ion:330 Resp: 72166
Ion Ratio Lower Upper
330 100
332 96.7 77.8 116.8
141 35.3 28.4 42.6

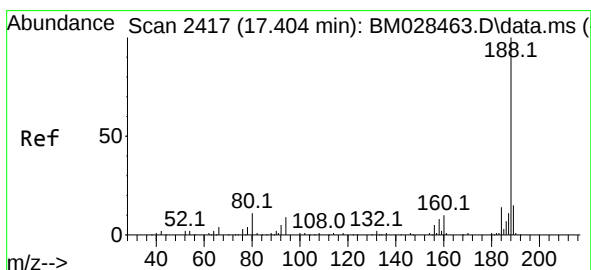
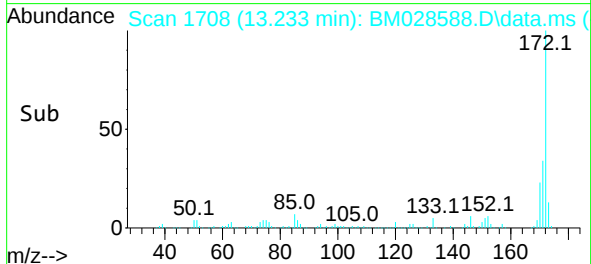
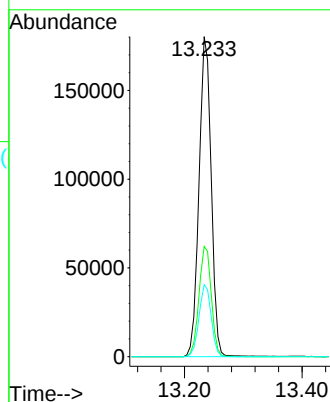
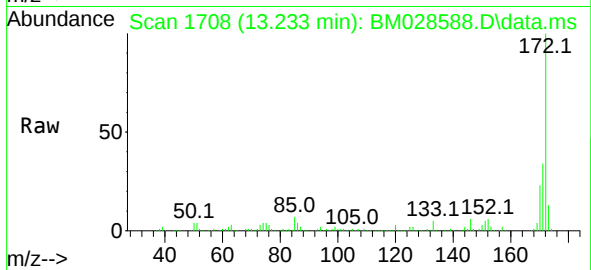




#45
2-Fluorobiphenyl
Concen: 52.11 ng
RT: 13.233 min Scan# 1708
Delta R.T. -0.006 min
Lab File: BM028588.D
Acq: 28 Jan 2021 15:31

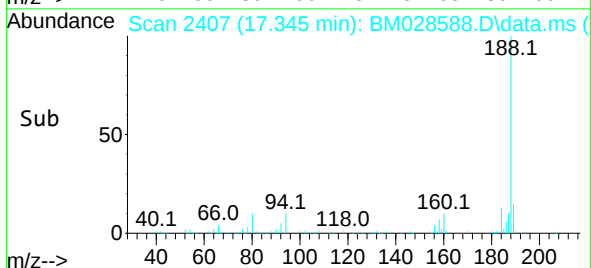
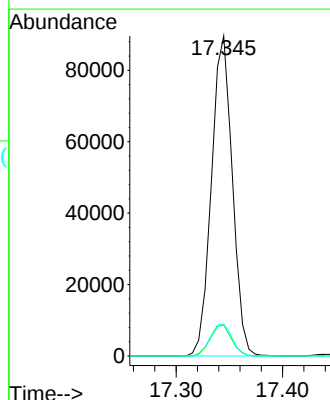
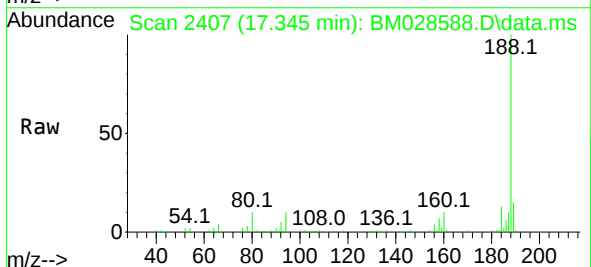
Instrument :
BNA_M
ClientSampleId :
2

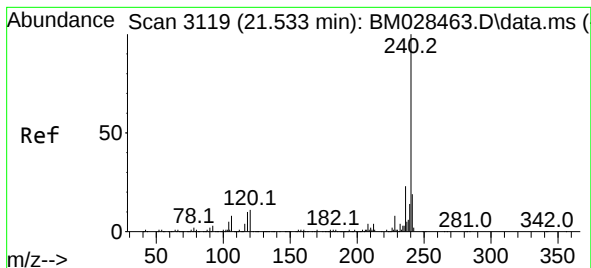
Tgt Ion:172 Resp: 259461
Ion Ratio Lower Upper
172 100
171 34.4 27.8 41.8
170 22.5 18.6 27.8



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.345 min Scan# 2407
Delta R.T. -0.006 min
Lab File: BM028588.D
Acq: 28 Jan 2021 15:31

Tgt Ion:188 Resp: 122074
Ion Ratio Lower Upper
188 100
94 9.7 6.2 9.4#
80 9.9 7.5 11.3





#76

Chrysene-d12

Concen: 20.00 ng

RT: 21.486 min Scan# 3111

Delta R.T. -0.000 min

Lab File: BM028588.D

Acq: 28 Jan 2021 15:31

Tgt Ion:240 Resp: 113481

Ion Ratio Lower Upper

240 100

120 11.5 6.4 9.6#

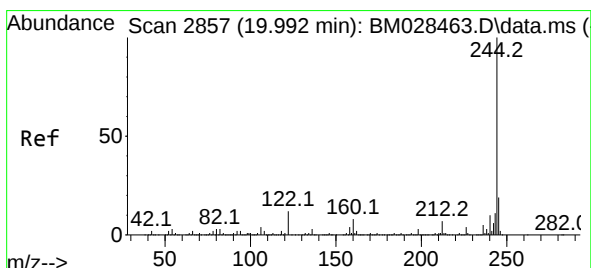
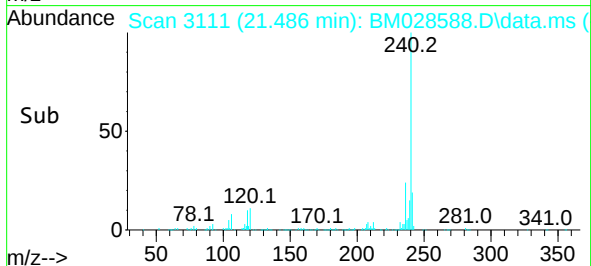
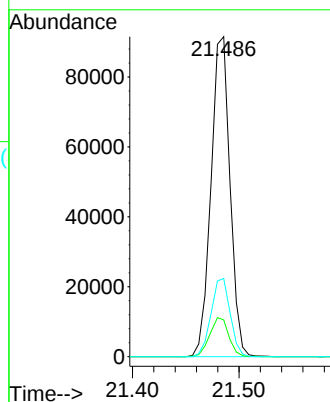
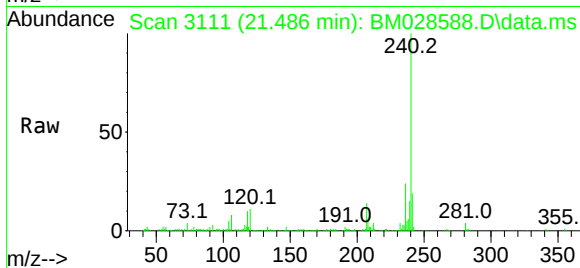
236 24.5 20.1 30.1

Instrument :

BNA_M

ClientSampled :

2



#79

Terphenyl-d14

Concen: 49.02 ng

RT: 19.939 min Scan# 2848

Delta R.T. -0.006 min

Lab File: BM028588.D

Acq: 28 Jan 2021 15:31

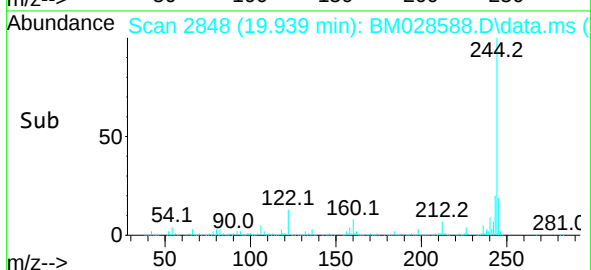
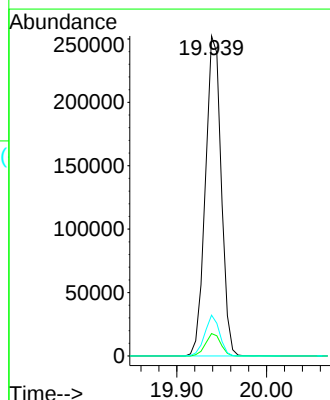
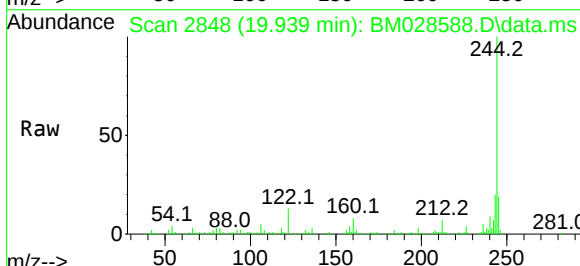
Tgt Ion:244 Resp: 308076

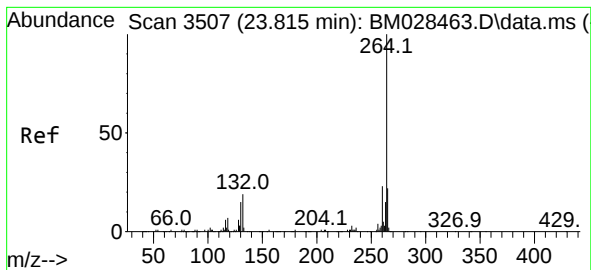
Ion Ratio Lower Upper

244 100

212 7.0 5.8 8.8

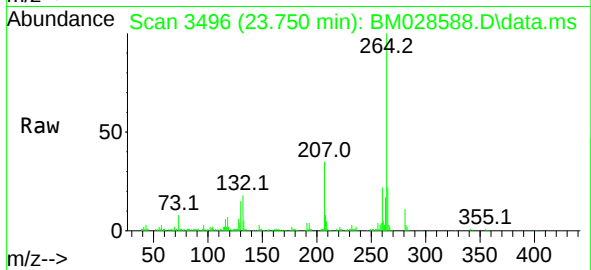
122 12.8 6.5 9.7#





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 23.750 min Scan# 3496
 Delta R.T. -0.000 min
 Lab File: BM028588.D
 Acq: 28 Jan 2021 15:31

Instrument :
 BNA_M
 ClientSampleId :
 2



Tgt Ion:264 Resp: 114866
 Ion Ratio Lower Upper
 264 100
 260 22.3 19.0 28.4
 265 21.6 17.7 26.5

