

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012121\
 Data File : BM028484.D
 Acq On : 21 Jan 2021 12:05
 Operator : CG/JU
 Sample : M1100-02RE
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 TOPSOIL-RBF-ASHCROFT

Quant Time: Jan 21 12:34:38 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 20 14:45:01 2021
 Response via : Initial Calibration

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

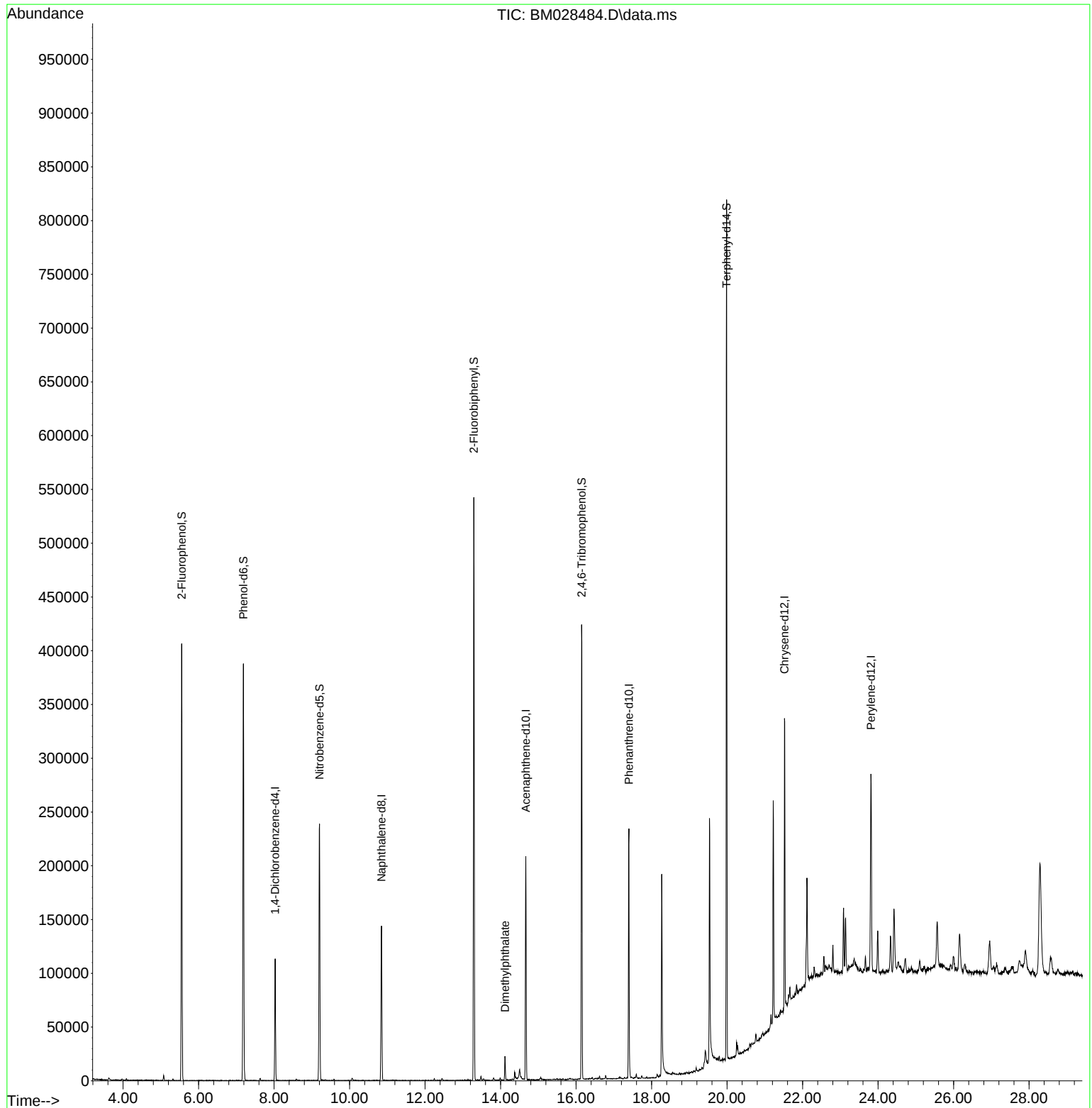
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.028	152	28623	20.00	ng	0.00
21) Naphthalene-d8	10.845	136	113968	20.00	ng	# 0.00
39) Acenaphthene-d10	14.668	164	64553	20.00	ng	0.00
64) Phenanthrene-d10	17.398	188	130272	20.00	ng	# 0.00
76) Chrysene-d12	21.521	240	121459	20.00	ng	#-0.01
86) Perylene-d12	23.809	264	120091	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.551	112	156989	86.64	ng	0.00
7) Phenol-d6	7.187	99	201325	81.60	ng	0.00
23) Nitrobenzene-d5	9.204	82	127623	53.11	ng	0.00
42) 2,4,6-Tribromophenol	16.151	330	71692	83.82	ng	0.00
45) 2-Fluorobiphenyl	13.292	172	265721	51.64	ng	0.00
79) Terphenyl-d14	19.986	244	307230	45.68	ng	0.00
Target Compounds						
50) Dimethylphthalate	14.116	163	13461	2.54	ng	Qvalue 100

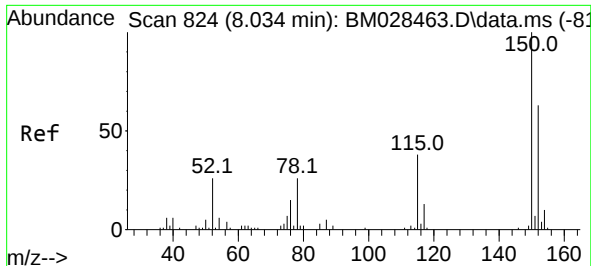
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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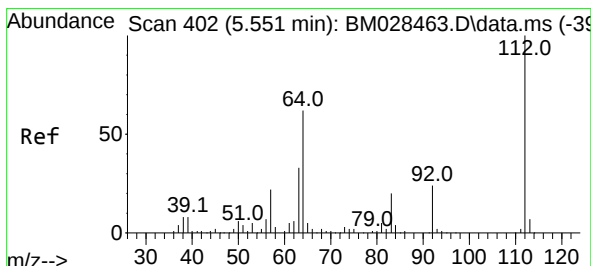
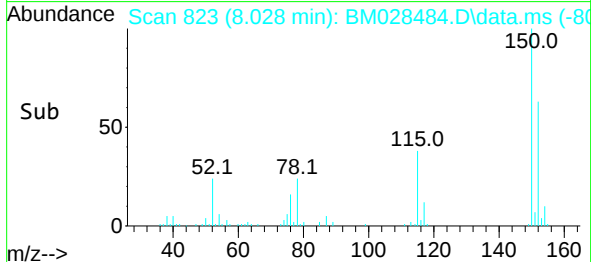
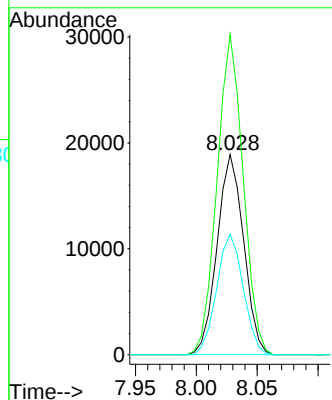
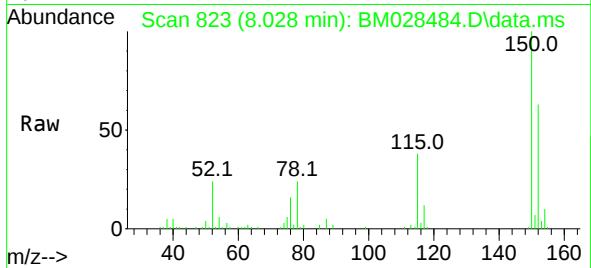




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.028 min Scan# 823
Delta R.T. -0.006 min
Lab File: BM028484.D
Acq: 21 Jan 2021 12:05

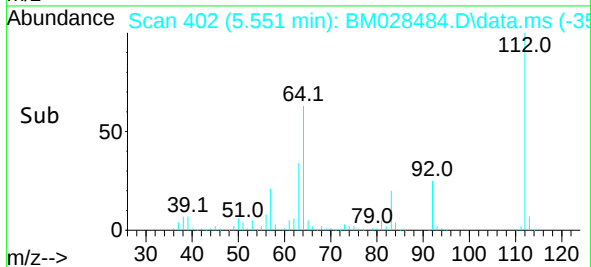
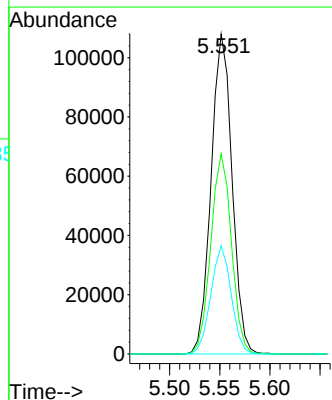
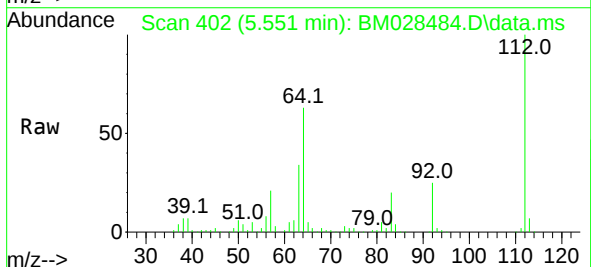
Instrument :
BNA_M
ClientSampleId :
TOPSOIL-RBF-ASHCROFT

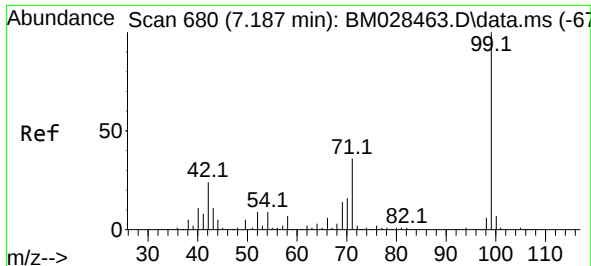
Tgt Ion:152 Resp: 28623
Ion Ratio Lower Upper
152 100
150 159.8 120.6 181.0
115 60.2 47.2 70.8



#5
2-Fluorophenol
Concen: 86.64 ng
RT: 5.551 min Scan# 402
Delta R.T. -0.000 min
Lab File: BM028484.D
Acq: 21 Jan 2021 12:05

Tgt Ion:112 Resp: 156989
Ion Ratio Lower Upper
112 100
64 62.6 50.6 76.0
63 33.8 31.0 46.6

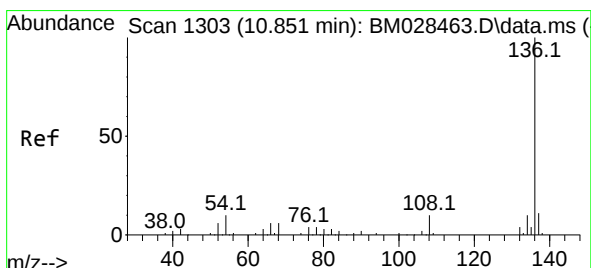
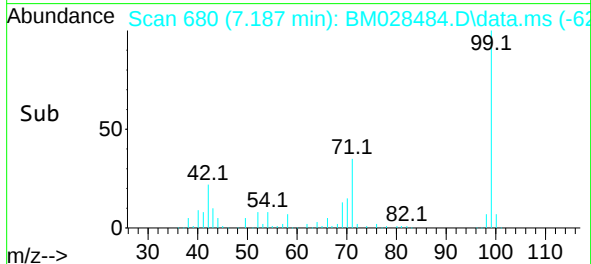
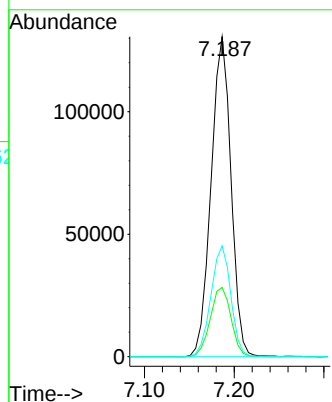
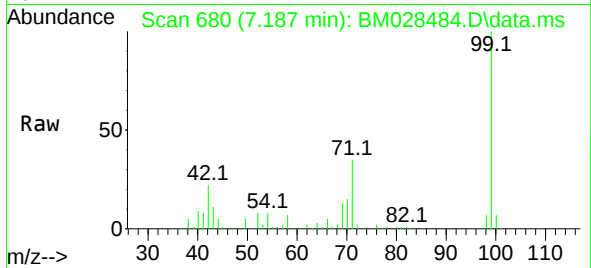




#7
Phenol-d6
Concen: 81.60 ng
RT: 7.187 min Scan# 680
Delta R.T. -0.000 min
Lab File: BM028484.D
Acq: 21 Jan 2021 12:05

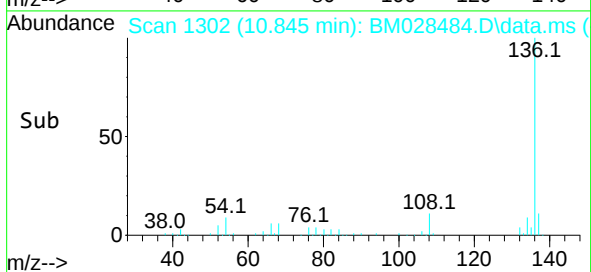
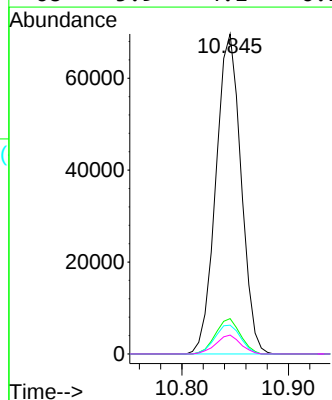
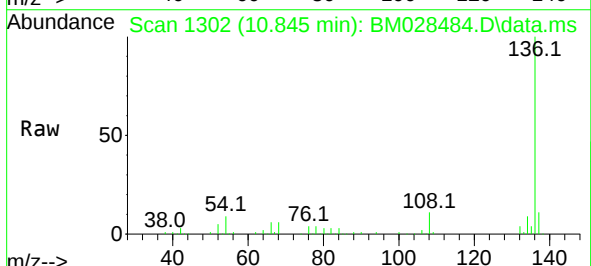
Instrument :
BNA_M
ClientSampleId :
TOPSOIL-RBF-ASHCROFT

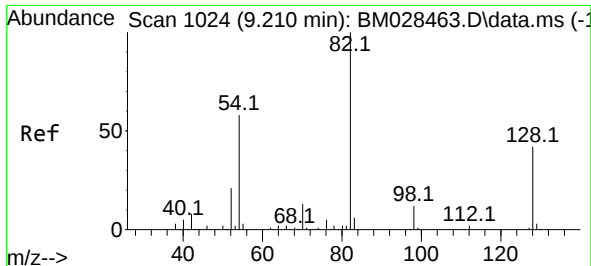
Tgt Ion: 99 Resp: 201325
Ion Ratio Lower Upper
99 100
42 21.7 13.5 20.3#
71 34.6 39.4 59.0#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.845 min Scan# 1302
Delta R.T. -0.006 min
Lab File: BM028484.D
Acq: 21 Jan 2021 12:05

Tgt Ion: 136 Resp: 113968
Ion Ratio Lower Upper
136 100
137 11.0 8.6 12.8
54 9.0 4.6 7.0#
68 5.9 4.1 6.1

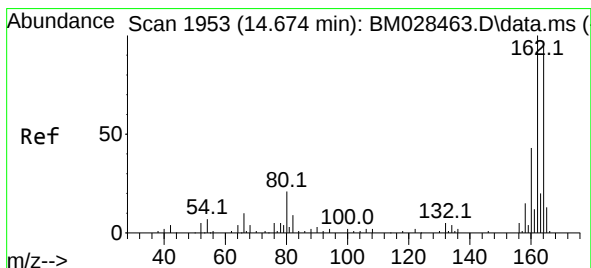
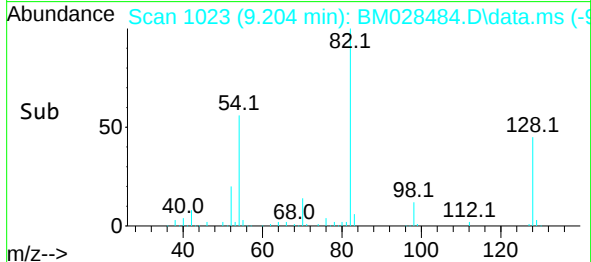
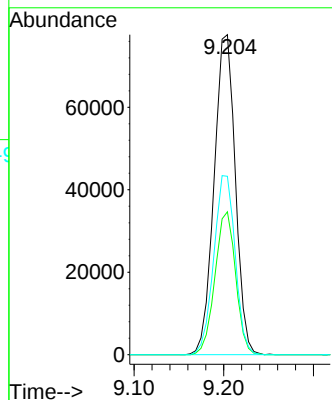
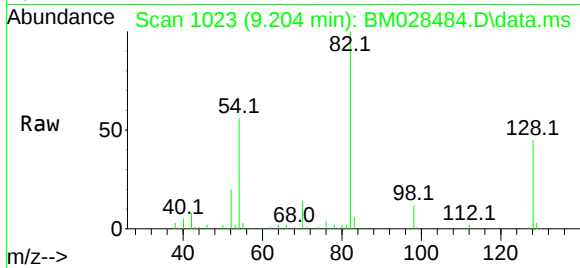




#23
Nitrobenzene-d5
Concen: 53.11 ng
RT: 9.204 min Scan# 1023
Delta R.T. -0.006 min
Lab File: BM028484.D
Acq: 21 Jan 2021 12:05

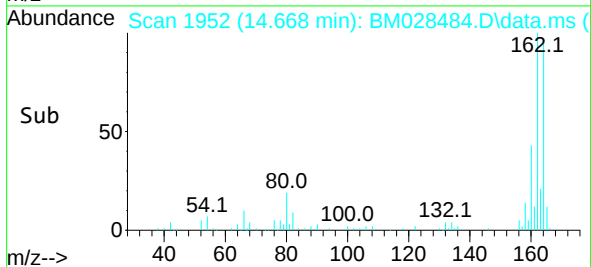
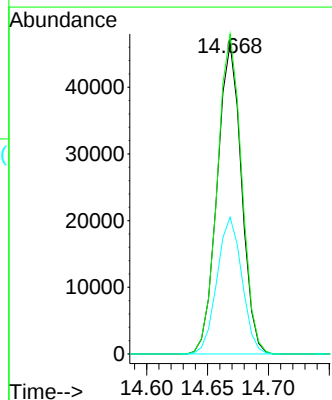
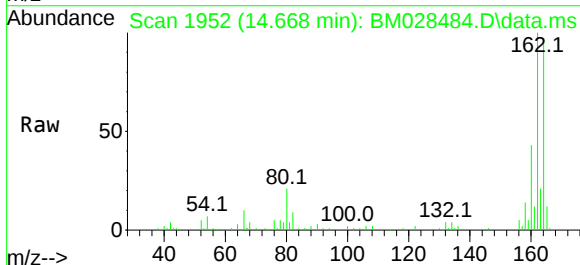
Instrument :
BNA_M
ClientSampleId :
TOPSOIL-RBF-ASHCROFT

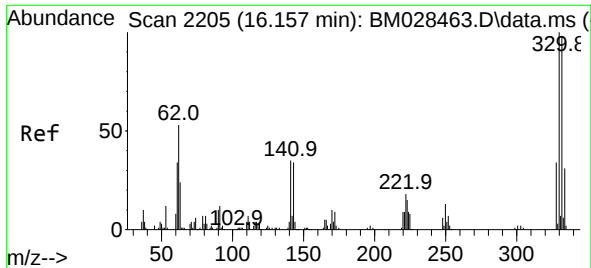
Tgt Ion: 82 Resp: 127623
Ion Ratio Lower Upper
82 100
128 44.7 27.4 41.0#
54 55.8 31.4 47.0#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.668 min Scan# 1952
Delta R.T. -0.006 min
Lab File: BM028484.D
Acq: 21 Jan 2021 12:05

Tgt Ion:164 Resp: 64553
Ion Ratio Lower Upper
164 100
162 103.1 80.4 120.6
160 44.1 35.9 53.9

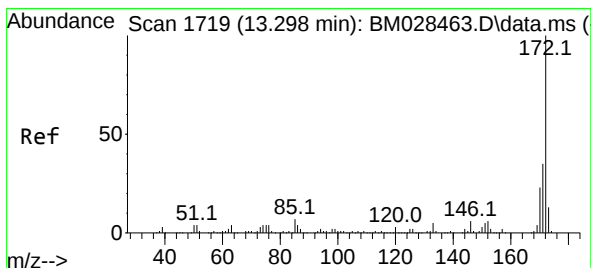
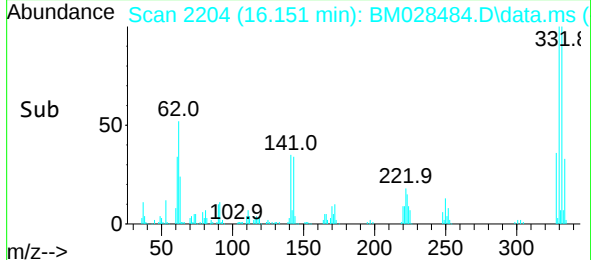
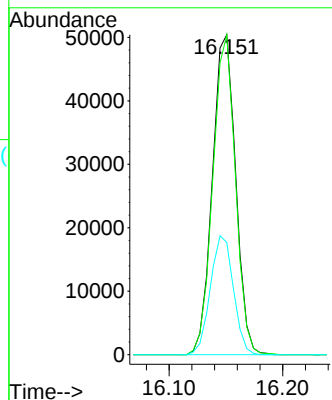
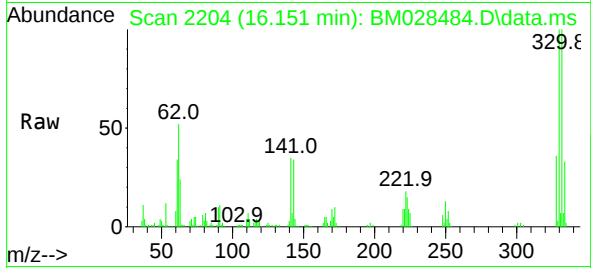




#42
2,4,6-Tribromophenol
Concen: 83.82 ng
RT: 16.151 min Scan# 2204
Delta R.T. -0.006 min
Lab File: BM028484.D
Acq: 21 Jan 2021 12:05

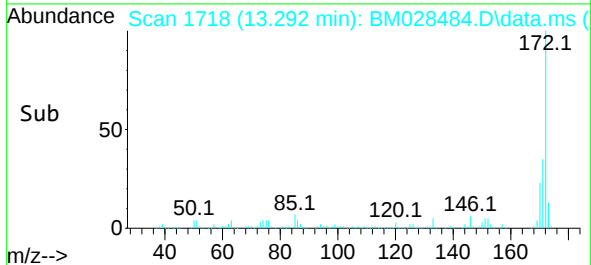
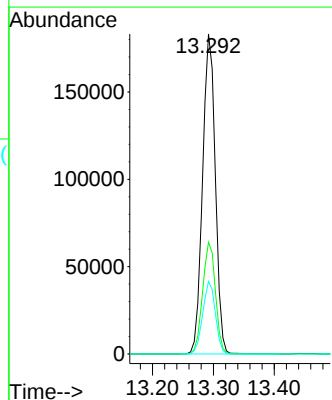
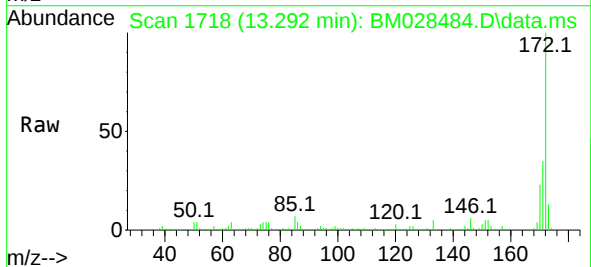
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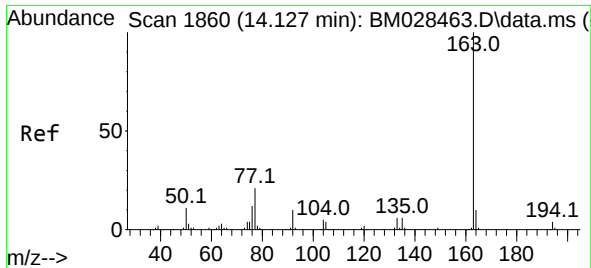
Tgt Ion:330 Resp: 71692
Ion Ratio Lower Upper
330 100
332 96.7 77.8 116.8
141 36.8 28.4 42.6



#45
2-Fluorobiphenyl
Concen: 51.64 ng
RT: 13.292 min Scan# 1718
Delta R.T. -0.006 min
Lab File: BM028484.D
Acq: 21 Jan 2021 12:05

Tgt Ion:172 Resp: 265721
Ion Ratio Lower Upper
172 100
171 35.0 27.8 41.8
170 22.6 18.6 27.8

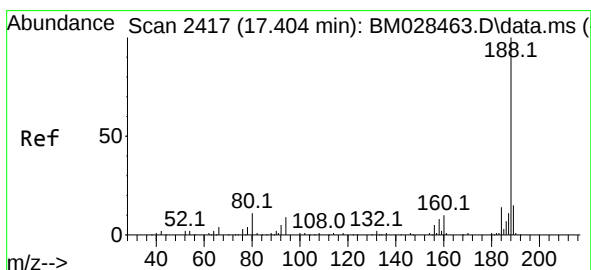
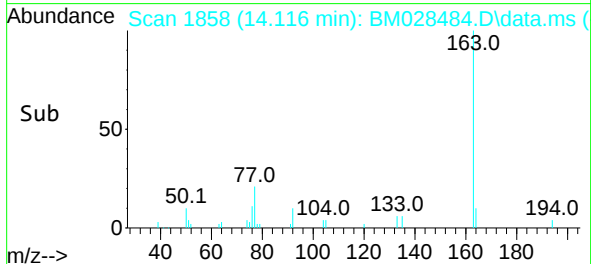
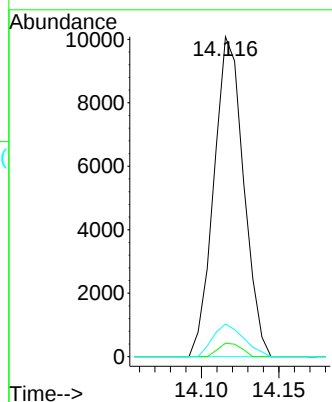
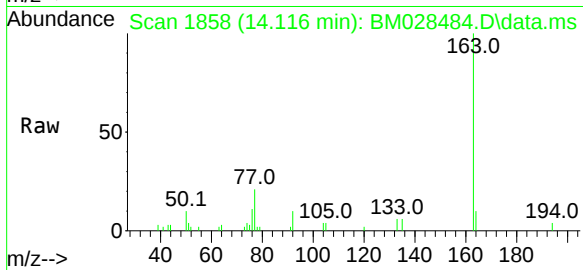




#50
Dimethylphthalate
Concen: 2.54 ng
RT: 14.116 min Scan# 1858
Delta R.T. -0.012 min
Lab File: BM028484.D
Acq: 21 Jan 2021 12:05

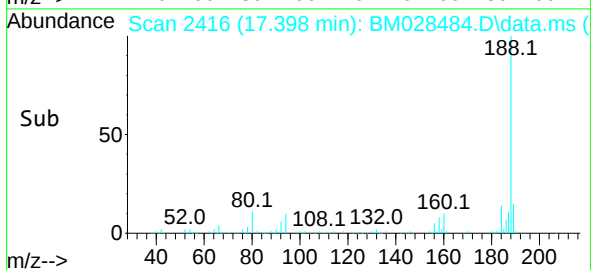
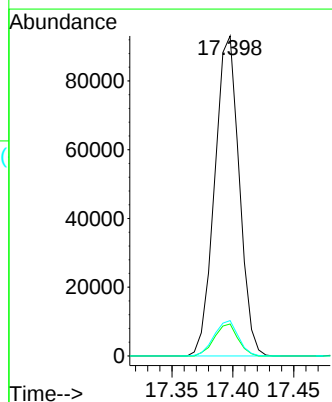
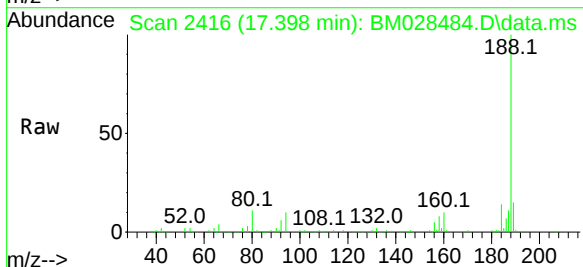
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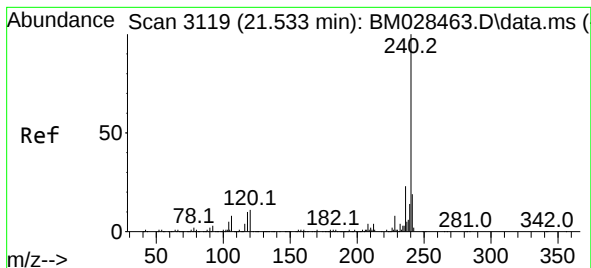
Tgt Ion:163 Resp: 13461
Ion Ratio Lower Upper
163 100
194 4.2 3.4 5.2
164 10.2 8.1 12.1



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.398 min Scan# 2416
Delta R.T. -0.006 min
Lab File: BM028484.D
Acq: 21 Jan 2021 12:05

Tgt Ion:188 Resp: 130272
Ion Ratio Lower Upper
188 100
94 10.0 6.2 9.4#
80 11.1 7.5 11.3





#76

Chrysene-d12

Concen: 20.00 ng

RT: 21.521 min Scan# 3117

Delta R.T. -0.012 min

Lab File: BM028484.D

Acq: 21 Jan 2021 12:05

Tgt Ion:240 Resp: 121459

Ion Ratio Lower Upper

240 100

120 12.3 6.4 9.6#

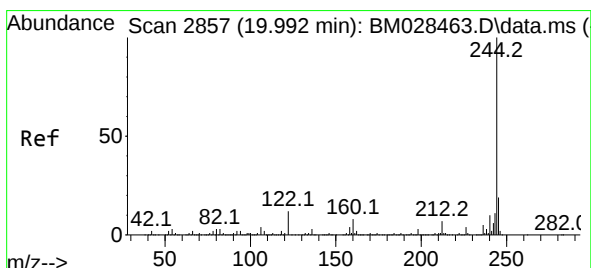
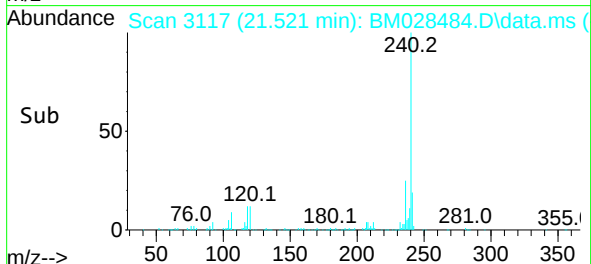
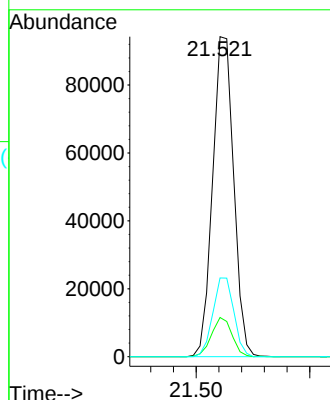
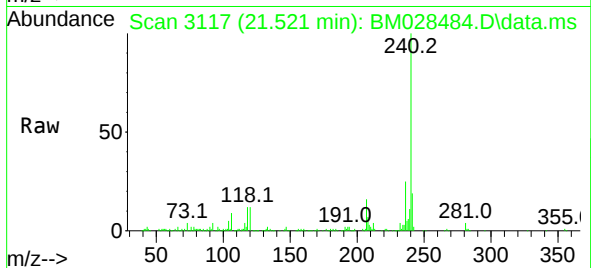
236 24.6 20.1 30.1

Instrument :

BNA_M

ClientSampleId :

TOPSOIL-RBF-ASHCROFT



#79

Terphenyl-d14

Concen: 45.68 ng

RT: 19.986 min Scan# 2856

Delta R.T. -0.006 min

Lab File: BM028484.D

Acq: 21 Jan 2021 12:05

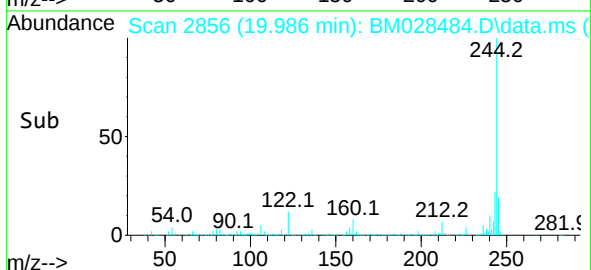
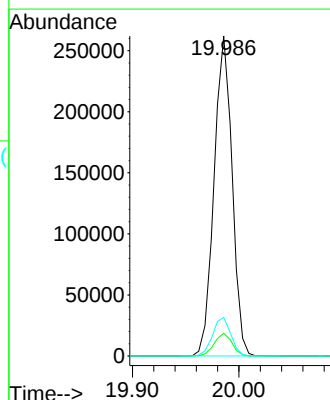
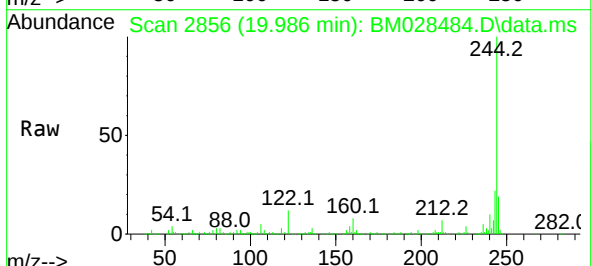
Tgt Ion:244 Resp: 307230

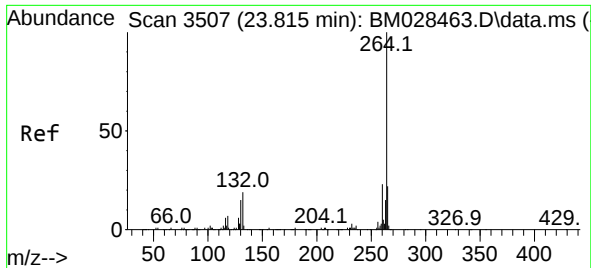
Ion Ratio Lower Upper

244 100

212 7.1 5.8 8.8

122 12.0 6.5 9.7#





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 23.809 min Scan# 3506
 Delta R.T. -0.006 min
 Lab File: BM028484.D
 Acq: 21 Jan 2021 12:05

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Tgt Ion:264 Resp: 120091
 Ion Ratio Lower Upper
 264 100
 260 22.5 19.0 28.4
 265 21.7 17.7 26.5

