

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012121\
 Data File : BM028508.D
 Acq On : 22 Jan 2021 03:10
 Operator : CG/JU
 Sample : M1175-01 10X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MANHOLE

Quant Time: Jan 22 03:50:00 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)

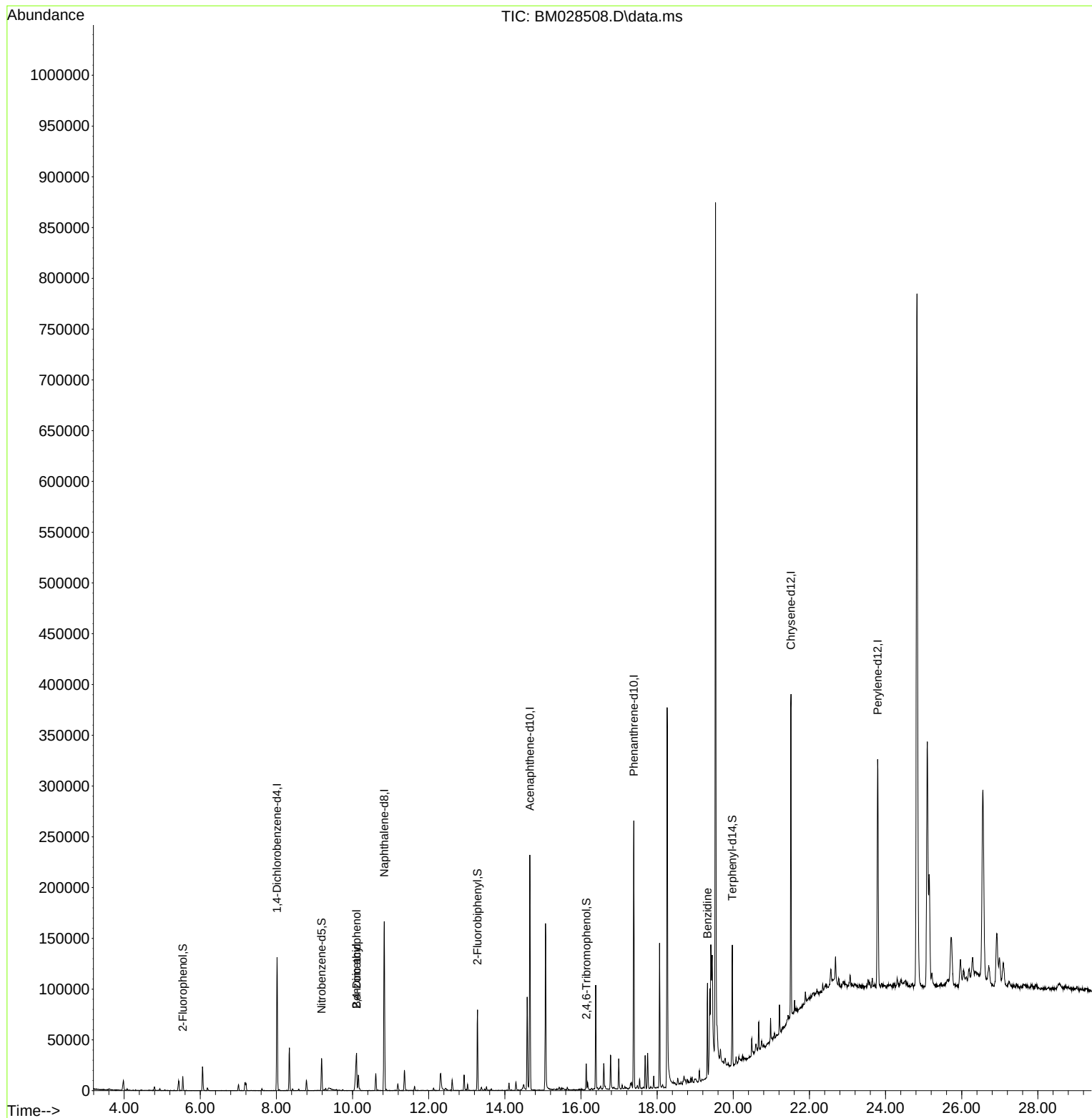
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.016	152	34142	20.00	ng	-0.02
21) Naphthalene-d8	10.833	136	133243	20.00	ng	#-0.02
39) Acenaphthene-d10	14.657	164	73672	20.00	ng	-0.02
64) Phenanthrene-d10	17.386	188	146396	20.00	ng	#-0.02
76) Chrysene-d12	21.515	240	143731	20.00	ng	#-0.02
86) Perylene-d12	23.791	264	145246	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.540	112	5585	2.58	ng	-0.01
7) Phenol-d6	7.169	99	4330	1.47	ng	-0.02
23) Nitrobenzene-d5	9.186	82	17179	6.12	ng	-0.02
42) 2,4,6-Tribromophenol	16.139	330	4846	4.96	ng	-0.02
45) 2-Fluorobiphenyl	13.280	172	38540	6.56	ng	-0.02
79) Terphenyl-d14	19.974	244	50973	6.40	ng	-0.02
Target Compounds						Qvalue
27) 2,4-Dimethylphenol	10.104	122	17468	9.79	ng	# 1
32) Benzoic acid	10.104	122	17468	10.88	ng	# 87
77) Benzidine	19.321	184	41541	12.85	ng	# 86

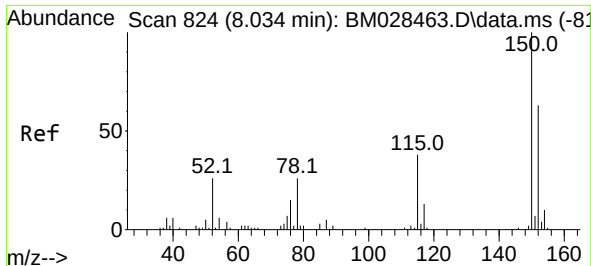
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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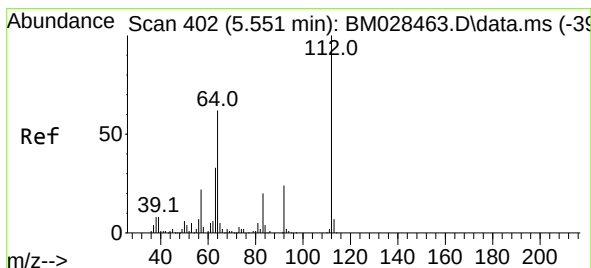
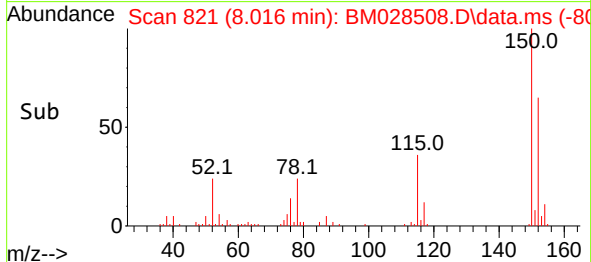
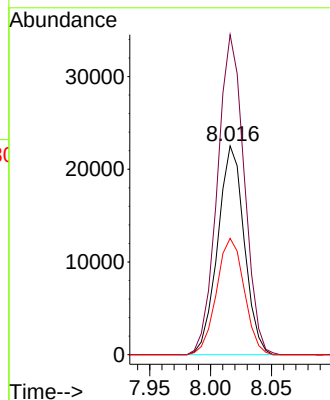
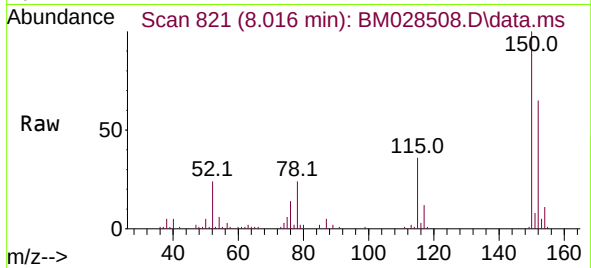




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.016 min Scan# 821
Delta R.T. -0.018 min
Lab File: BM028508.D
Acq: 22 Jan 2021 03:10

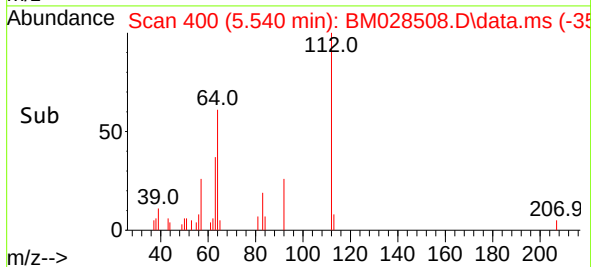
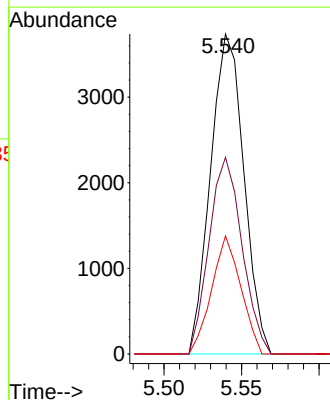
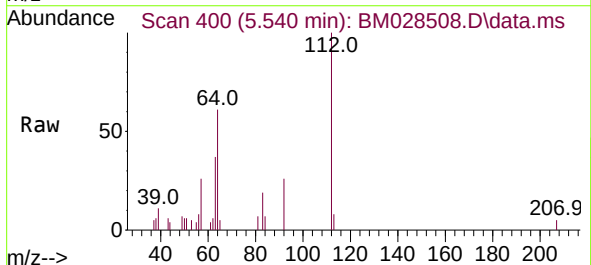
Instrument :
BNA_M
ClientSampleId :
MANHOLE

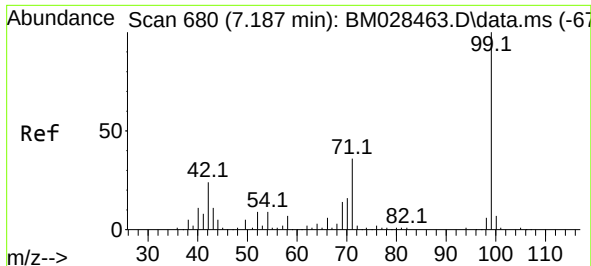
Tgt Ion:152 Resp: 34142
Ion Ratio Lower Upper
152 100
150 153.3 120.6 181.0
115 55.7 47.2 70.8



#5
2-Fluorophenol
Concen: 2.58 ng
RT: 5.540 min Scan# 400
Delta R.T. -0.012 min
Lab File: BM028508.D
Acq: 22 Jan 2021 03:10

Tgt Ion:112 Resp: 5585
Ion Ratio Lower Upper
112 100
64 61.4 50.6 76.0
63 36.9 31.0 46.6

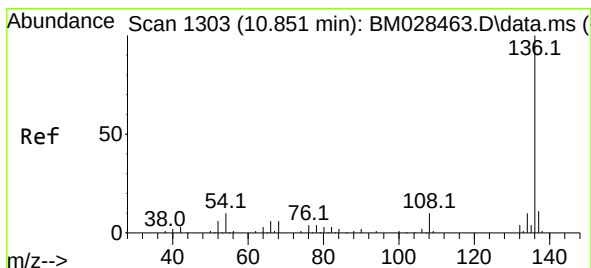
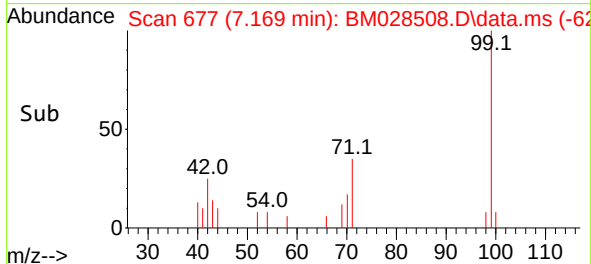
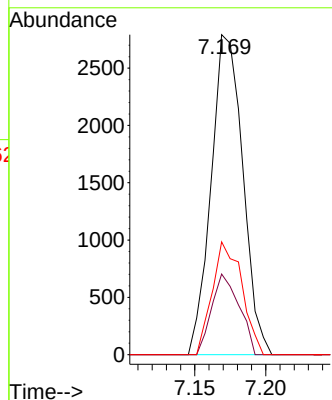
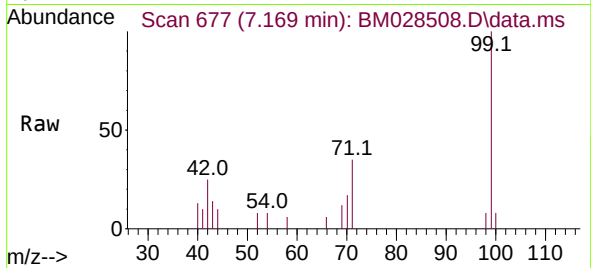




#7
Phenol-d6
Concen: 1.47 ng
RT: 7.169 min Scan# 677
Delta R.T. -0.018 min
Lab File: BM028508.D
Acq: 22 Jan 2021 03:10

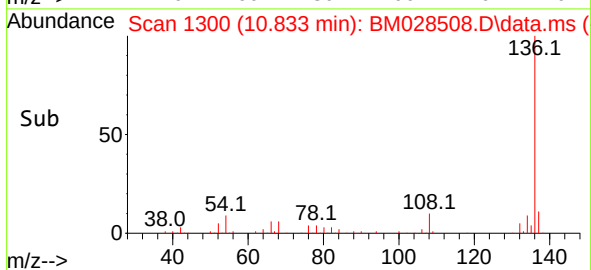
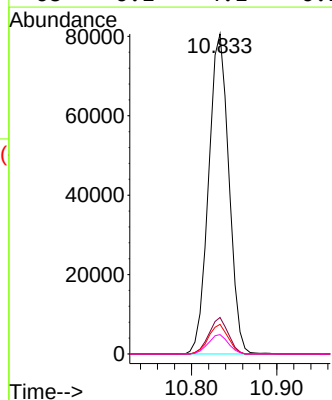
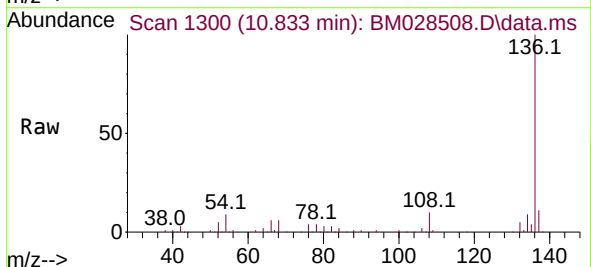
Instrument :
BNA_M
ClientSampleId :
MANHOLE

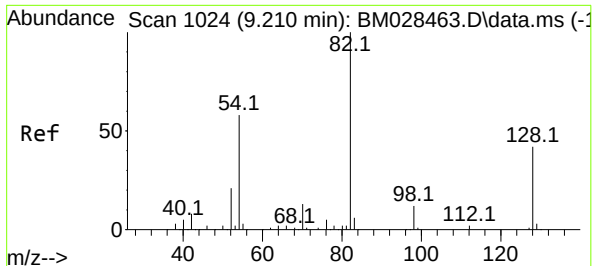
Tgt Ion: 99 Resp: 4330
Ion Ratio Lower Upper
99 100
42 25.2 13.5 20.3#
71 35.2 39.4 59.0#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.833 min Scan# 1300
Delta R.T. -0.018 min
Lab File: BM028508.D
Acq: 22 Jan 2021 03:10

Tgt Ion: 136 Resp: 133243
Ion Ratio Lower Upper
136 100
137 11.4 8.6 12.8
54 9.2 4.6 7.0#
68 6.1 4.1 6.1

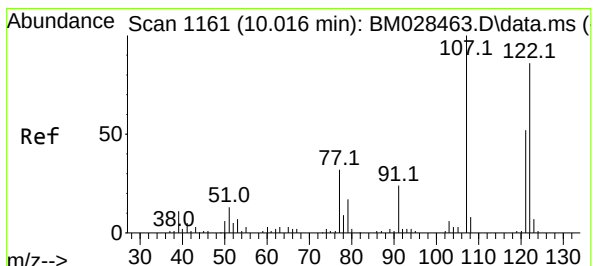
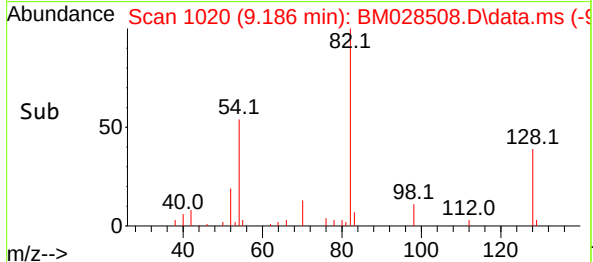
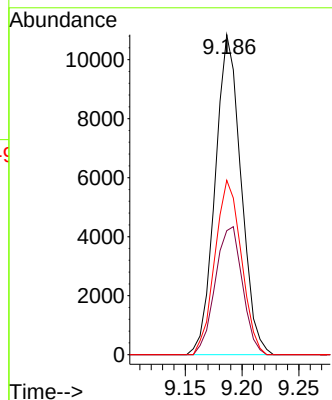
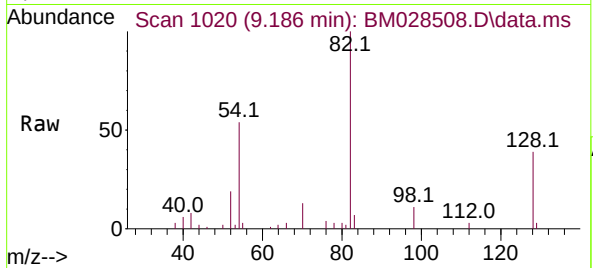




#23
Nitrobenzene-d5
Concen: 6.12 ng
RT: 9.186 min Scan# 1020
Delta R.T. -0.024 min
Lab File: BM028508.D
Acq: 22 Jan 2021 03:10

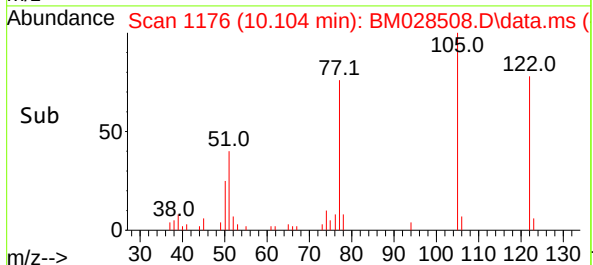
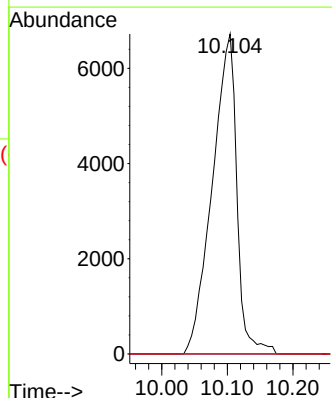
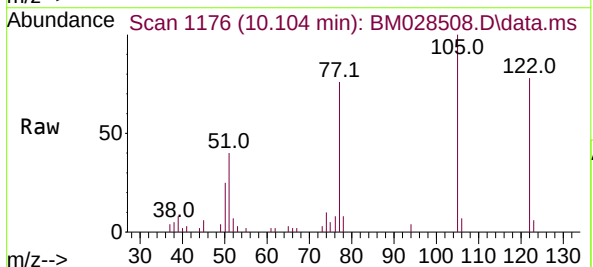
Instrument :
BNA_M
ClientSampled :
MANHOLE

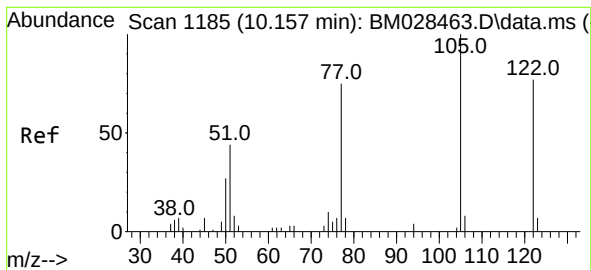
Tgt Ion: 82 Resp: 17179
Ion Ratio Lower Upper
82 100
128 38.7 27.4 41.0
54 54.5 31.4 47.0#



#27
2,4-Dimethylphenol
Concen: 9.79 ng
RT: 10.104 min Scan# 1176
Delta R.T. 0.088 min
Lab File: BM028508.D
Acq: 22 Jan 2021 03:10

Tgt Ion: 122 Resp: 17468
Ion Ratio Lower Upper
122 100
107 0.0 106.6 159.8#
121 0.0 48.8 73.2#





#32

Benzoic acid

Concen: 10.88 ng

RT: 10.104 min Scan# 1176

Delta R.T. -0.053 min

Lab File: BM028508.D

Acq: 22 Jan 2021 03:10

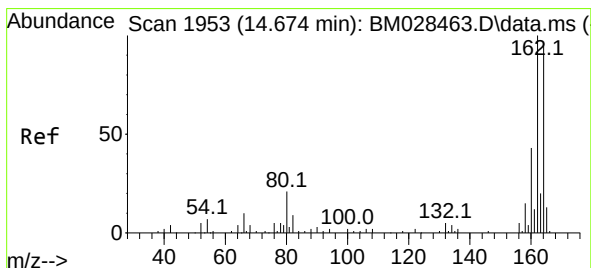
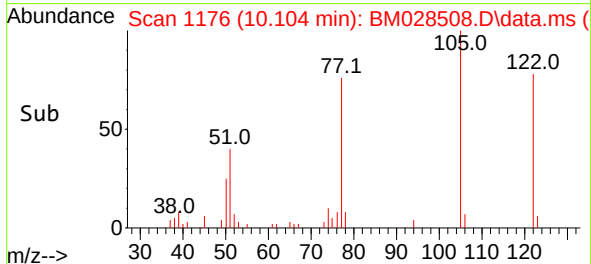
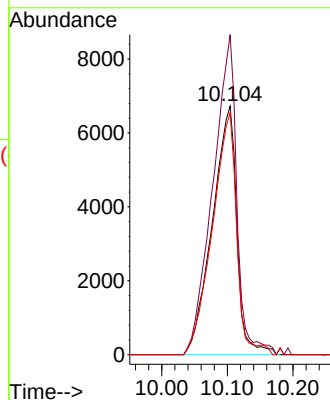
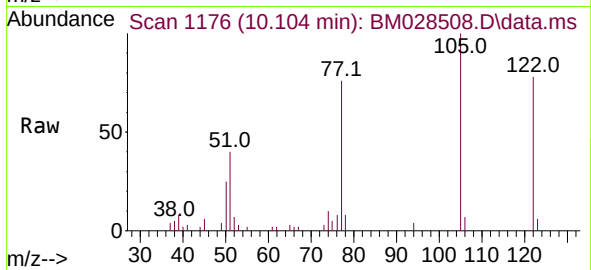
Tgt Ion:122 Resp: 17468

Ion Ratio Lower Upper

122 100

105 128.8 114.0 154.0

77 97.4 101.8 141.8#



#39

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.657 min Scan# 1950

Delta R.T. -0.018 min

Lab File: BM028508.D

Acq: 22 Jan 2021 03:10

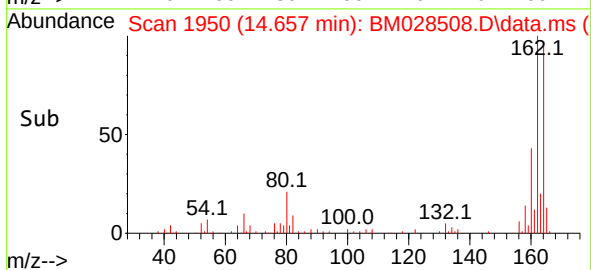
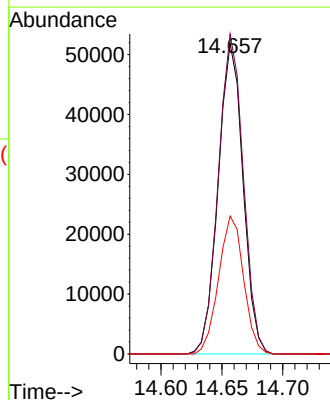
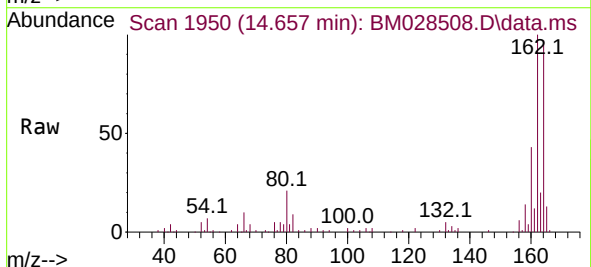
Tgt Ion:164 Resp: 73672

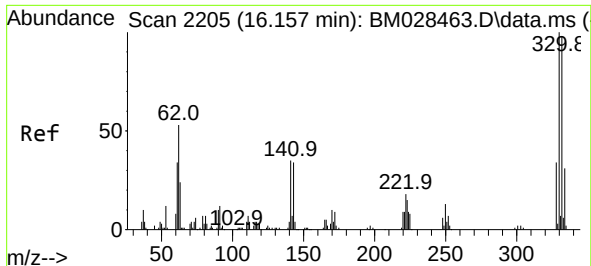
Ion Ratio Lower Upper

164 100

162 103.0 80.4 120.6

160 44.4 35.9 53.9

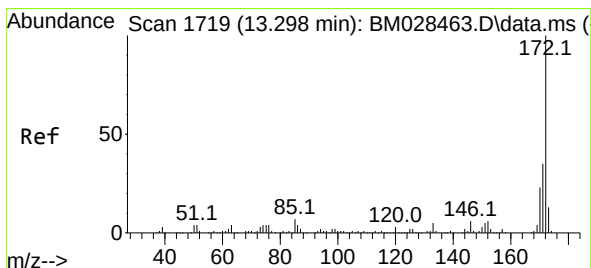
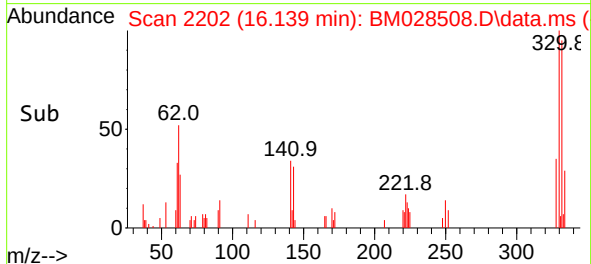
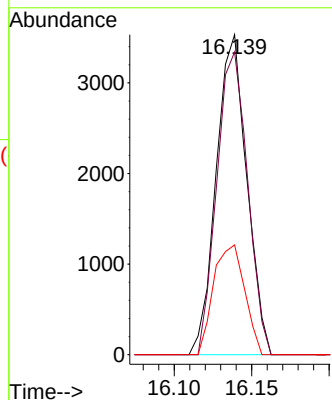
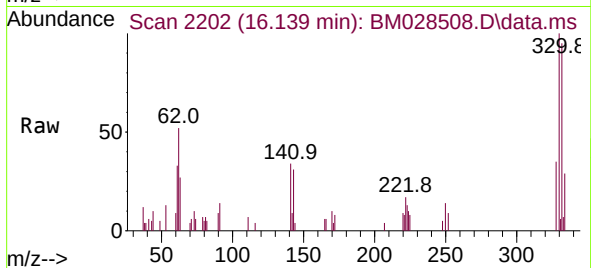




#42
2,4,6-Tribromophenol
Concen: 4.96 ng
RT: 16.139 min Scan# 2202
Delta R.T. -0.018 min
Lab File: BM028508.D
Acq: 22 Jan 2021 03:10

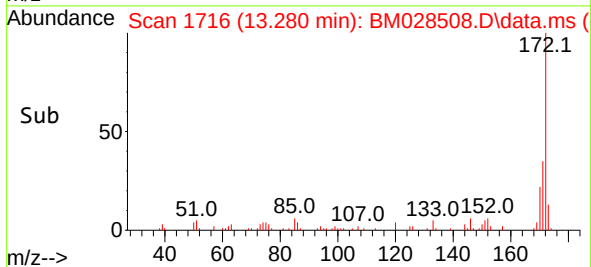
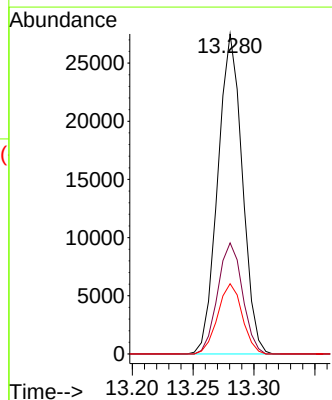
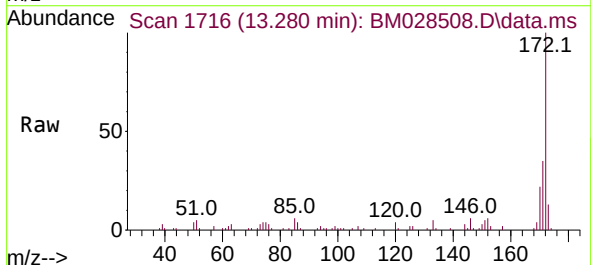
Instrument :
BNA_M
ClientSampleId :
MANHOLE

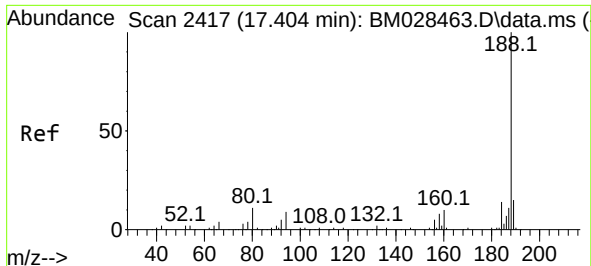
Tgt Ion:330 Resp: 4846
Ion Ratio Lower Upper
330 100
332 94.9 77.8 116.8
141 34.8 28.4 42.6



#45
2-Fluorobiphenyl
Concen: 6.56 ng
RT: 13.280 min Scan# 1716
Delta R.T. -0.018 min
Lab File: BM028508.D
Acq: 22 Jan 2021 03:10

Tgt Ion:172 Resp: 38540
Ion Ratio Lower Upper
172 100
171 34.7 27.8 41.8
170 22.0 18.6 27.8

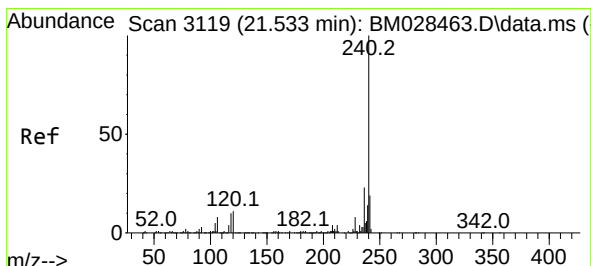
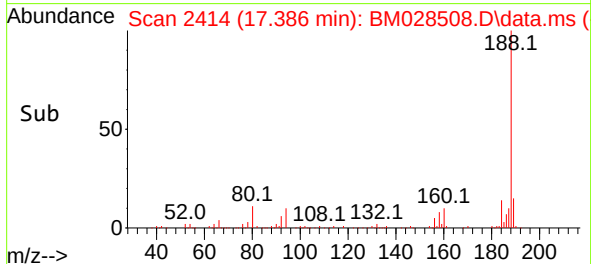
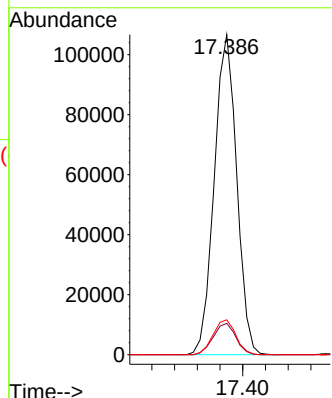
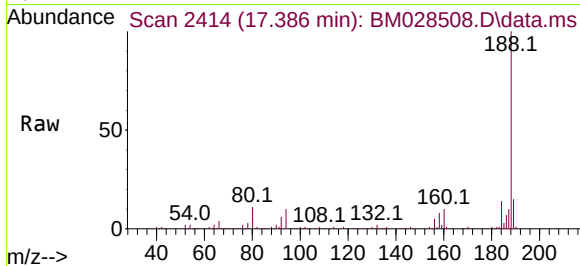




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.386 min Scan# 2414
Delta R.T. -0.018 min
Lab File: BM028508.D
Acq: 22 Jan 2021 03:10

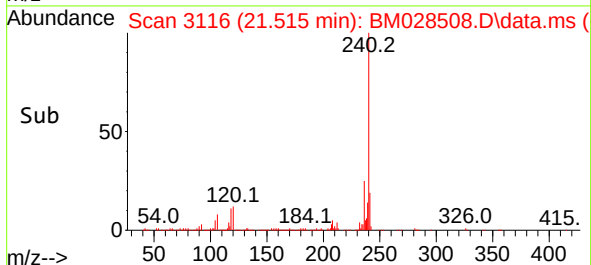
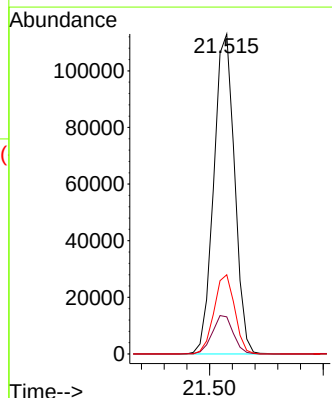
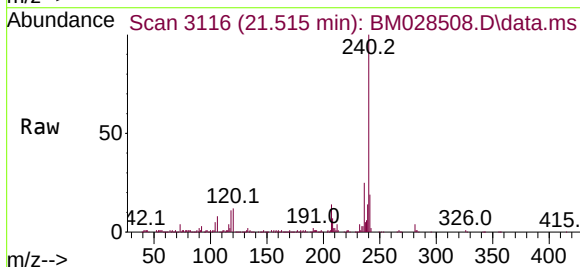
Instrument :
BNA_M
ClientSampleId :
MANHOLE

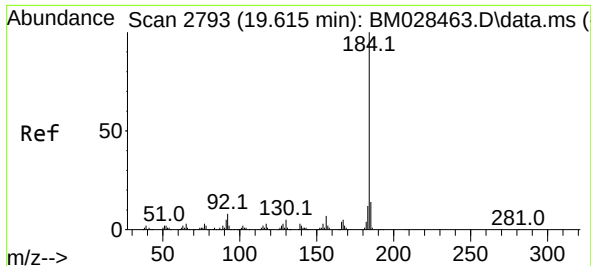
Tgt Ion:188 Resp: 146396
Ion Ratio Lower Upper
188 100
94 9.8 6.2 9.4#
80 10.9 7.5 11.3



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.515 min Scan# 3116
Delta R.T. -0.018 min
Lab File: BM028508.D
Acq: 22 Jan 2021 03:10

Tgt Ion:240 Resp: 143731
Ion Ratio Lower Upper
240 100
120 11.6 6.4 9.6#
236 24.8 20.1 30.1

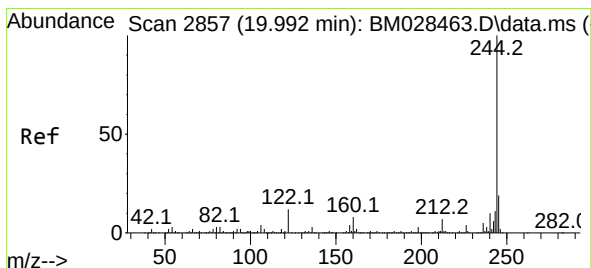
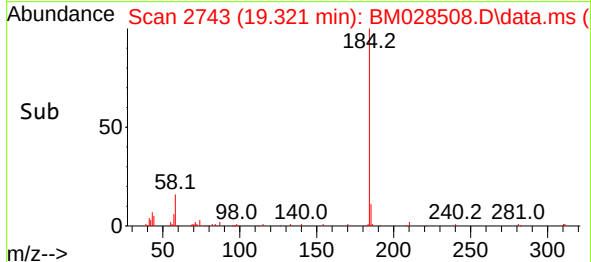
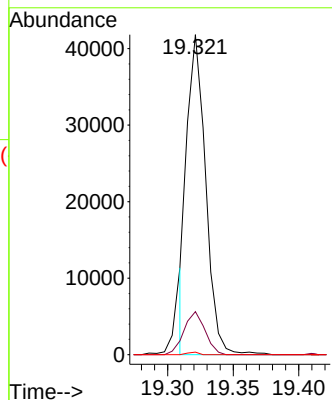
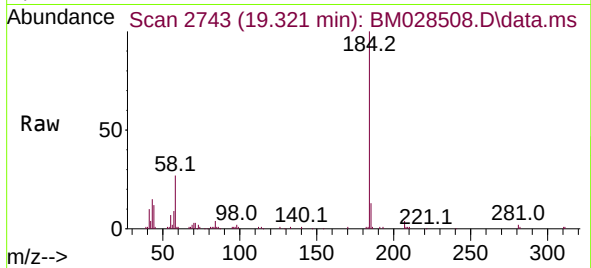




#77
Benzidine
Concen: 12.85 ng
RT: 19.321 min Scan# 2743
Delta R.T. -0.294 min
Lab File: BM028508.D
Acq: 22 Jan 2021 03:10

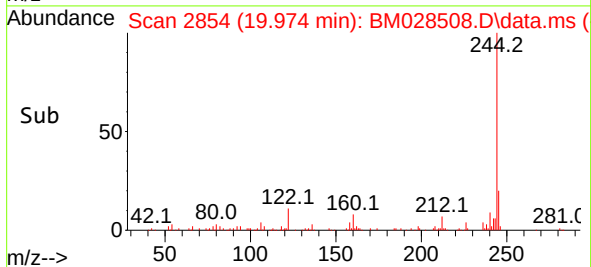
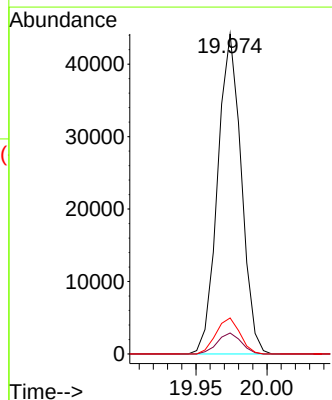
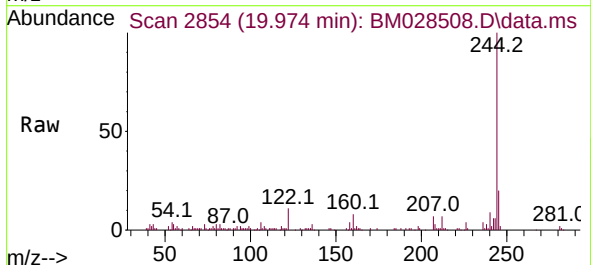
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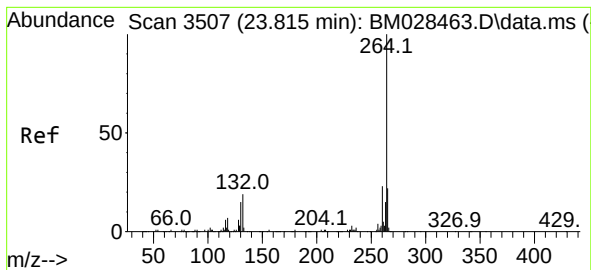
Tgt Ion:184 Resp: 41541
Ion Ratio Lower Upper
184 100
185 13.4 11.0 16.6
183 0.8 9.7 14.5#



#79
Terphenyl-d14
Concen: 6.40 ng
RT: 19.974 min Scan# 2854
Delta R.T. -0.018 min
Lab File: BM028508.D
Acq: 22 Jan 2021 03:10

Tgt Ion:244 Resp: 50973
Ion Ratio Lower Upper
244 100
212 6.6 5.8 8.8
122 11.3 6.5 9.7#





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 23.791 min Scan# 3503
 Delta R.T. -0.024 min
 Lab File: BM028508.D
 Acq: 22 Jan 2021 03:10

Instrument :
 BNA_M
 ClientSampleId :
 MANHOLE

Tgt Ion:264 Resp: 145246
 Ion Ratio Lower Upper
 264 100
 260 22.8 19.0 28.4
 265 22.4 17.7 26.5

