

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012721\
 Data File : BM028561.D
 Acq On : 27 Jan 2021 03:25
 Operator : CG/JU
 Sample : M1217-16 5X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 1710

Quant Time: Jan 27 05:23:02 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 03:11:35 2021
 Response via : Initial Calibration

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

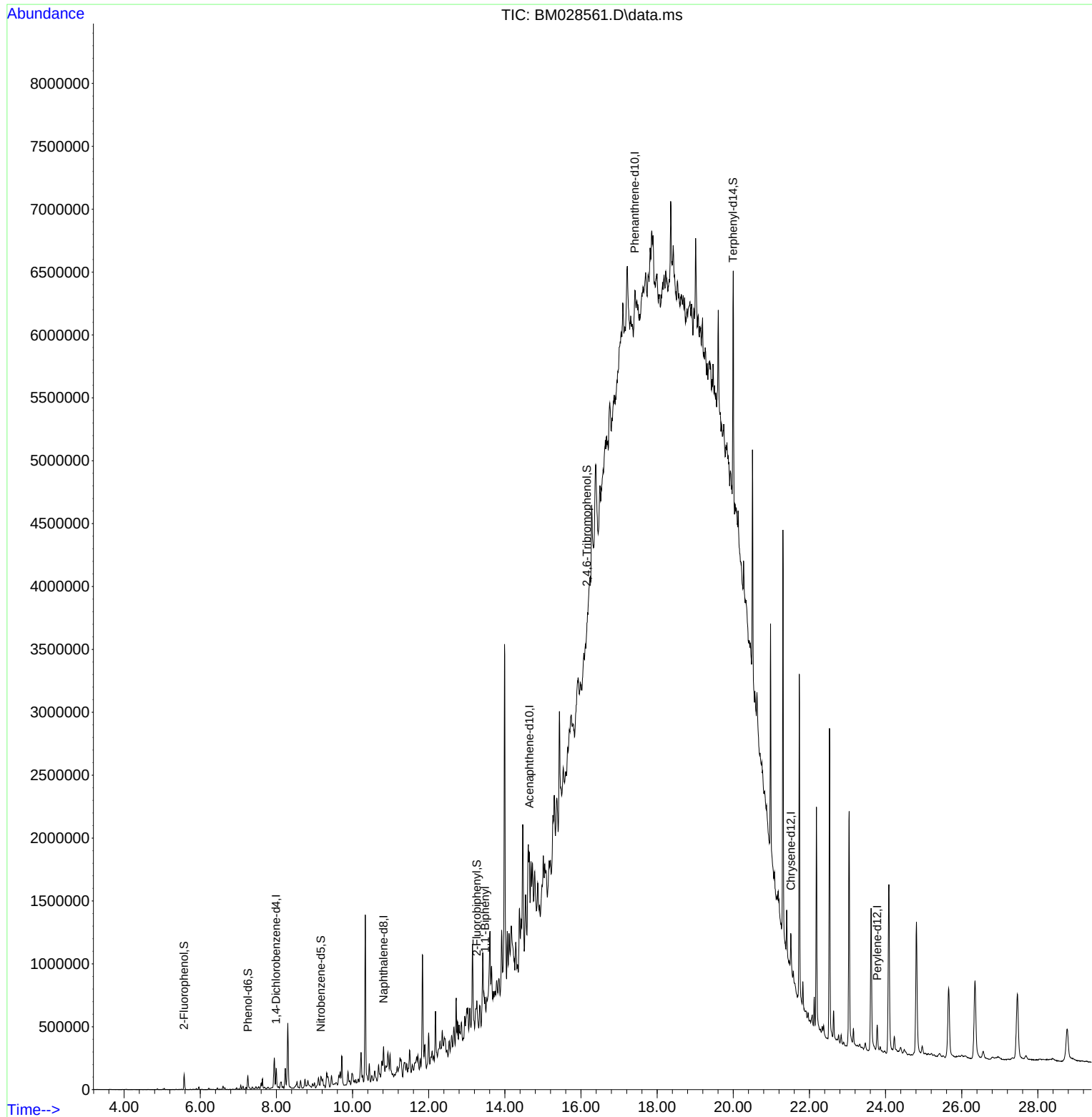
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.993	152	44121	20.00	ng	0.00
21) Naphthalene-d8	10.810	136	163248	20.00	ng	# 0.00
39) Acenaphthene-d10	14.645	164	86786	20.00	ng	0.01
64) Phenanthrene-d10	17.410	188	114737	20.00	ng	# 0.05
76) Chrysene-d12	21.515	240	130814	20.00	ng	# 0.02
86) Perylene-d12	23.780	264	133082	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.575	112	49063	17.57	ng	0.06
7) Phenol-d6	7.251	99	61709	16.23	ng	0.10
23) Nitrobenzene-d5	9.169	82	40583	11.79	ng	0.00
42) 2,4,6-Tribromophenol	16.151	330	15864	13.80	ng	0.04
45) 2-Fluorobiphenyl	13.263	172	81240	11.74	ng	0.00
79) Terphenyl-d14	19.992	244	74385	10.27	ng	0.04
Target Compounds						
46) 1,1'-Biphenyl	13.480	154	41407	5.59	ng	Qvalue 96

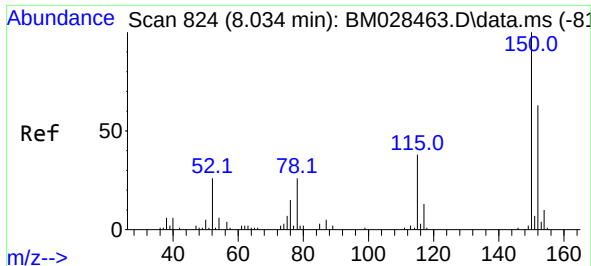
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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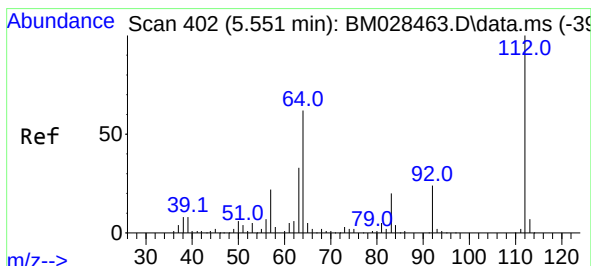
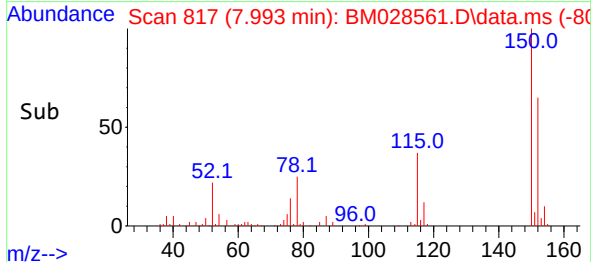
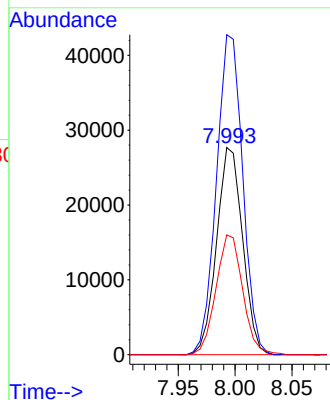
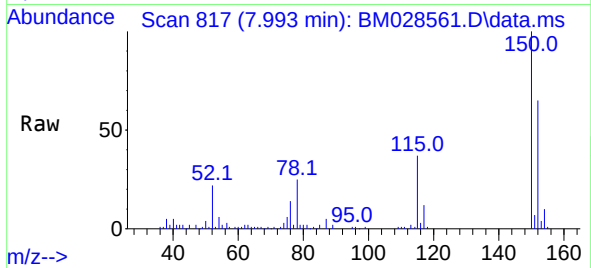




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.993 min Scan# 817
Delta R.T. -0.000 min
Lab File: BM028561.D
Acq: 27 Jan 2021 03:25

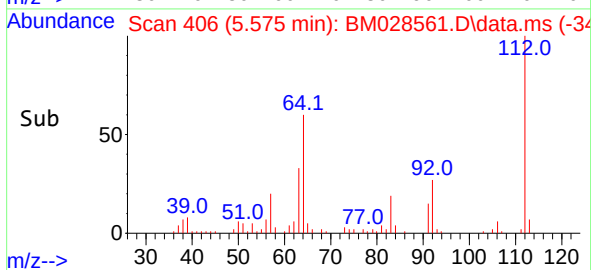
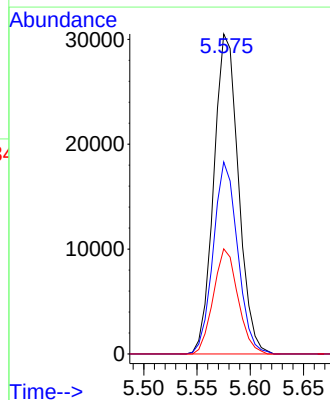
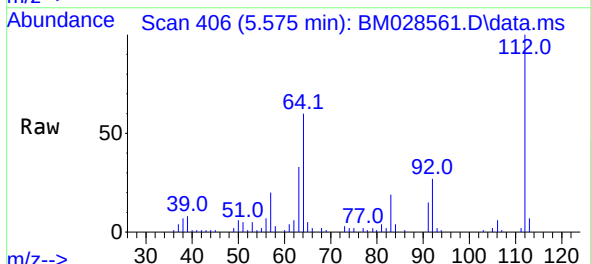
Instrument :
BNA_M
ClientSampled :
1710

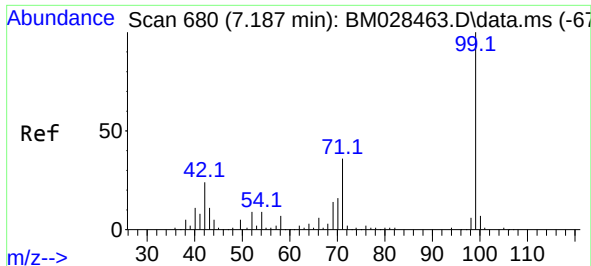
Tgt Ion:152 Resp: 44121
Ion Ratio Lower Upper
152 100
150 154.4 120.6 181.0
115 57.8 47.2 70.8



#5
2-Fluorophenol
Concen: 17.57 ng
RT: 5.575 min Scan# 406
Delta R.T. 0.064 min
Lab File: BM028561.D
Acq: 27 Jan 2021 03:25

Tgt Ion:112 Resp: 49063
Ion Ratio Lower Upper
112 100
64 60.0 50.6 76.0
63 32.8 31.0 46.6

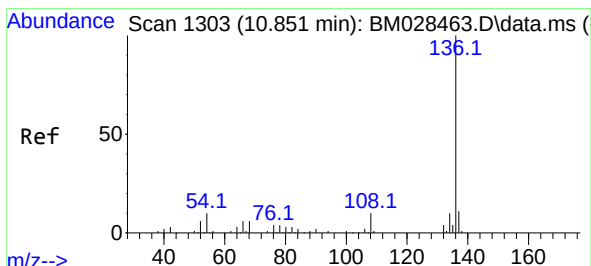
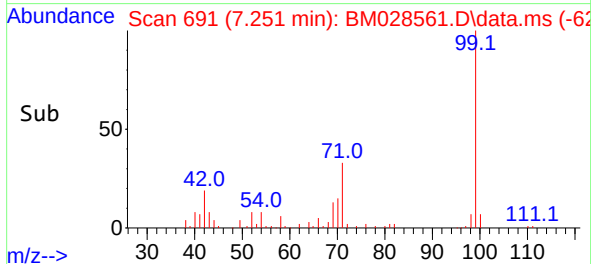
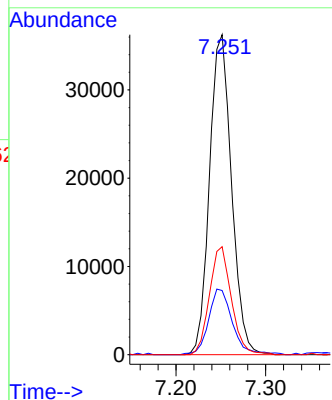
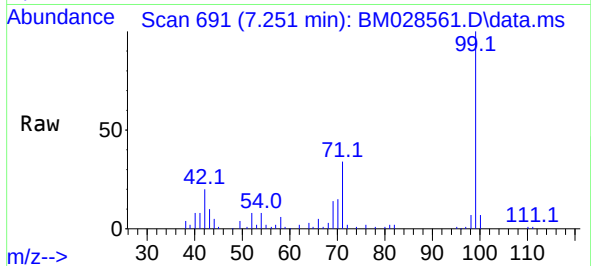




#7
Phenol-d6
Concen: 16.23 ng
RT: 7.251 min Scan# 691
Delta R.T. 0.100 min
Lab File: BM028561.D
Acq: 27 Jan 2021 03:25

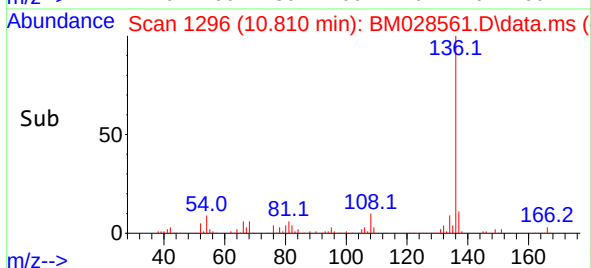
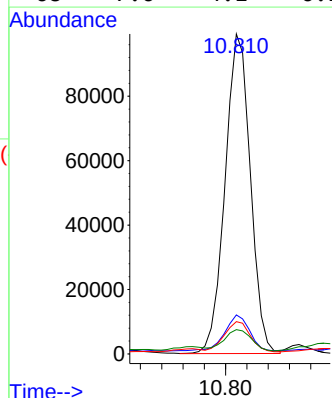
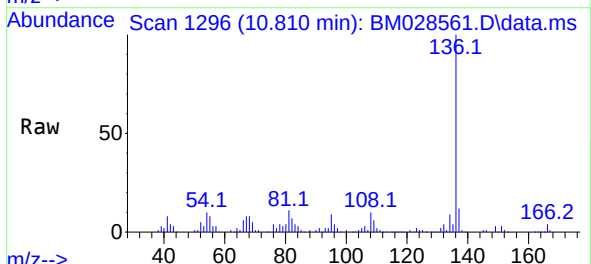
Instrument :
BNA_M
ClientSampleId :
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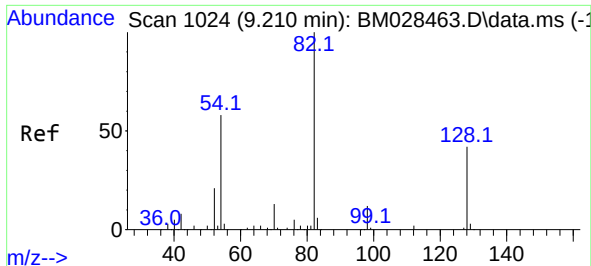
Tgt Ion: 99	Resp: 61709
Ion Ratio	Lower Upper
99 100	
42 20.1	13.5 20.3
71 33.8	39.4 59.0#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.810 min Scan# 1296
Delta R.T. 0.006 min
Lab File: BM028561.D
Acq: 27 Jan 2021 03:25

Tgt Ion: 136	Resp: 163248
Ion Ratio	Lower Upper
136 100	
137 12.2	8.6 12.8
54 10.1	4.6 7.0#
68 7.6	4.1 6.1#

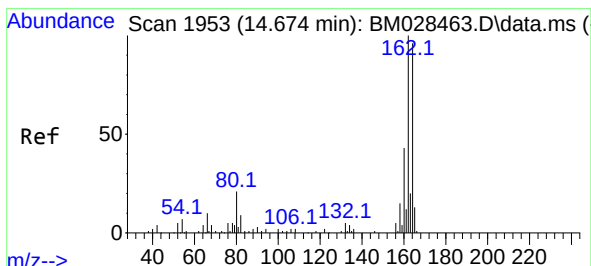
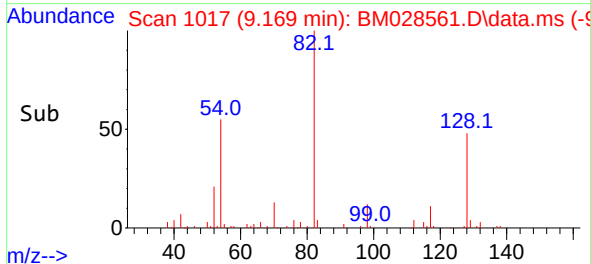
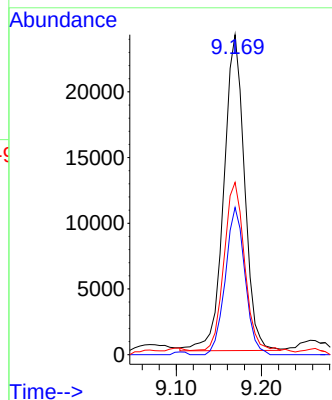
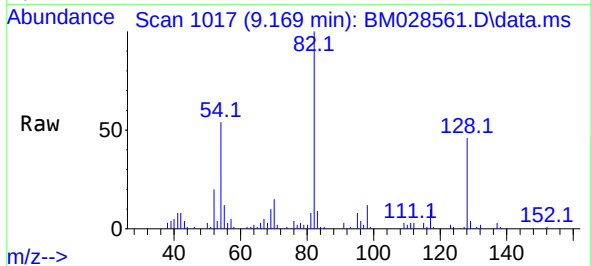




#23
Nitrobenzene-d5
Concen: 11.79 ng
RT: 9.169 min Scan# 1017
Delta R.T. -0.000 min
Lab File: BM028561.D
Acq: 27 Jan 2021 03:25

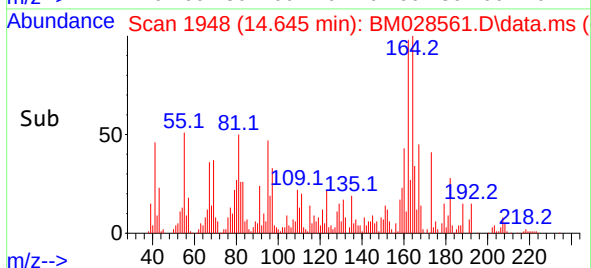
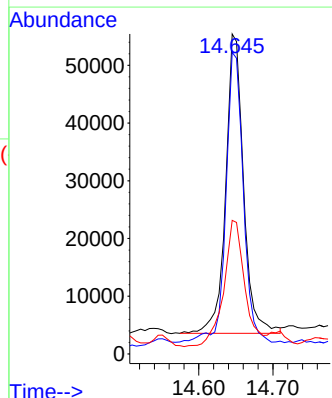
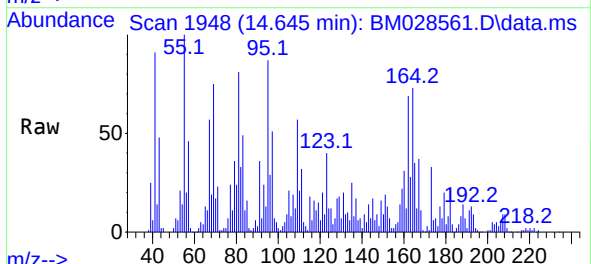
Instrument :
BNA_M
ClientSampleId :
1710

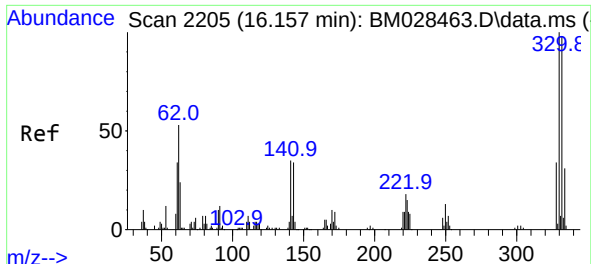
Tgt Ion: 82 Resp: 40583
Ion Ratio Lower Upper
82 100
128 46.0 27.4 41.0#
54 53.9 31.4 47.0#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.645 min Scan# 1948
Delta R.T. 0.012 min
Lab File: BM028561.D
Acq: 27 Jan 2021 03:25

Tgt Ion:164 Resp: 86786
Ion Ratio Lower Upper
164 100
162 94.2 80.4 120.6
160 41.7 35.9 53.9

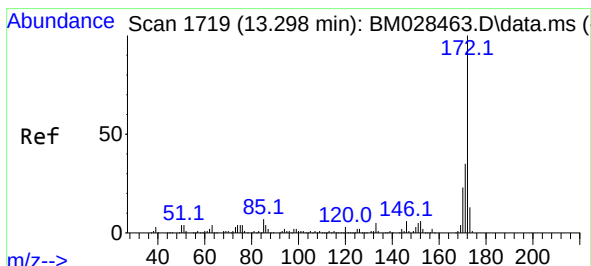
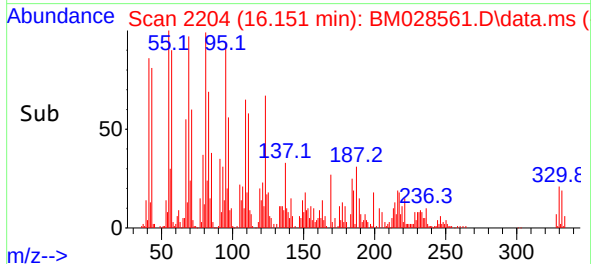
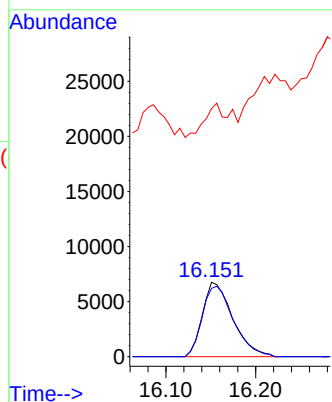
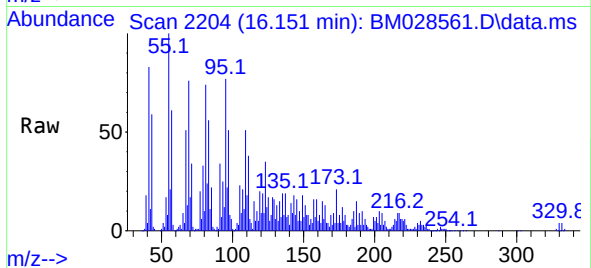




#42
2,4,6-Tribromophenol
Concen: 13.80 ng
RT: 16.151 min Scan# 2204
Delta R.T. 0.035 min
Lab File: BM028561.D
Acq: 27 Jan 2021 03:25

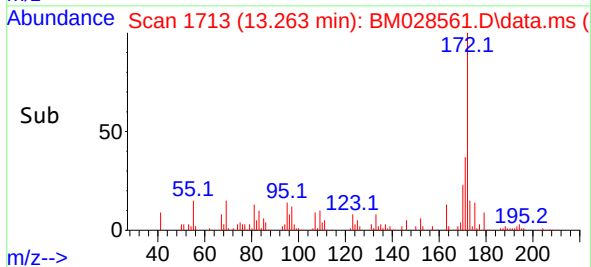
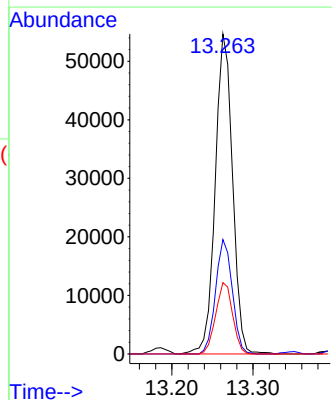
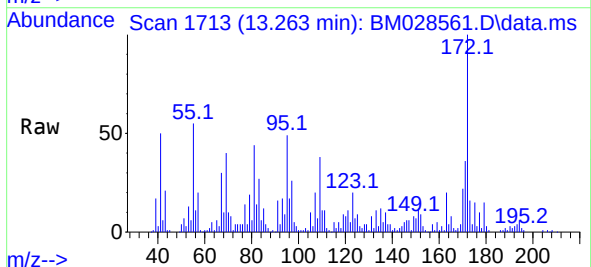
Instrument :
BNA_M
ClientSampled :
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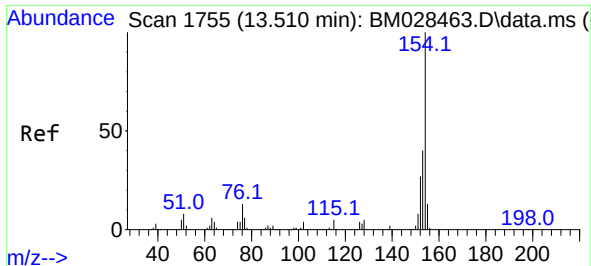
Tgt Ion:330 Resp: 15864
Ion Ratio Lower Upper
330 100
332 97.2 77.8 116.8
141 22.4 28.4 42.6#



#45
2-Fluorobiphenyl
Concen: 11.74 ng
RT: 13.263 min Scan# 1713
Delta R.T. 0.006 min
Lab File: BM028561.D
Acq: 27 Jan 2021 03:25

Tgt Ion:172 Resp: 81240
Ion Ratio Lower Upper
172 100
171 35.8 27.8 41.8
170 22.3 18.6 27.8

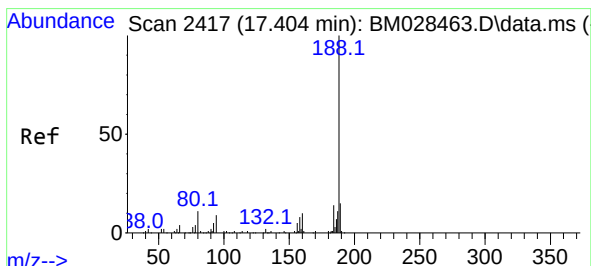
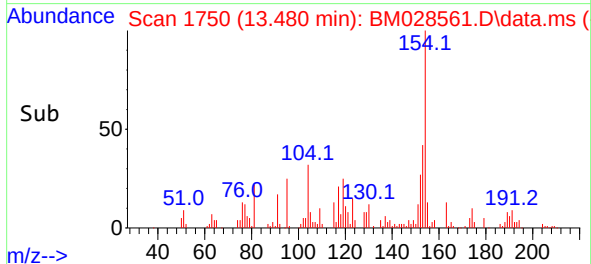
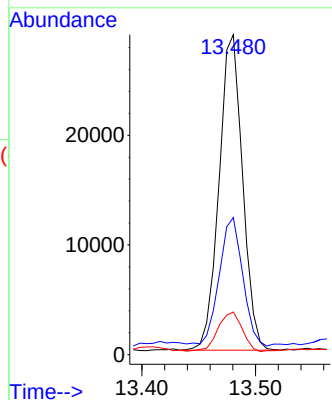
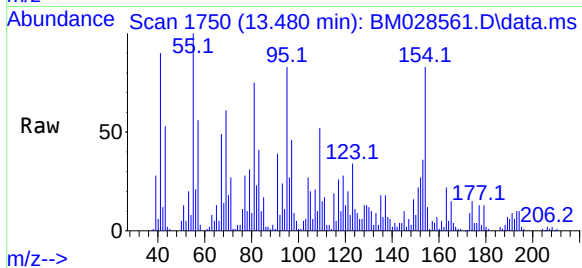




#46
1,1'-Biphenyl
Concen: 5.59 ng
RT: 13.480 min Scan# 1750
Delta R.T. 0.012 min
Lab File: BM028561.D
Acq: 27 Jan 2021 03:25

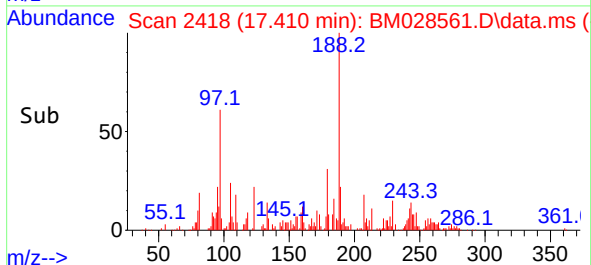
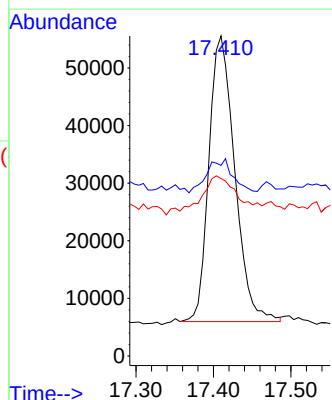
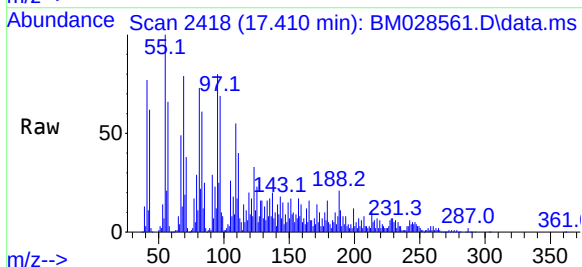
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BNA_M
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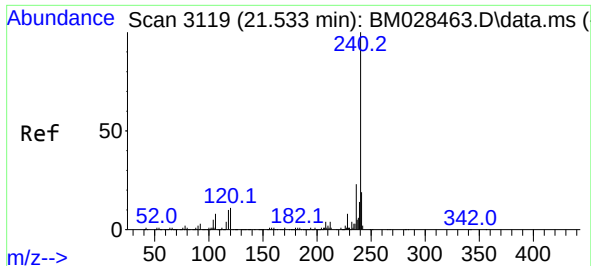
Tgt Ion:154 Resp: 41407
Ion Ratio Lower Upper
154 100
153 42.8 20.0 60.0
76 13.4 0.0 32.0



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.410 min Scan# 2418
Delta R.T. 0.047 min
Lab File: BM028561.D
Acq: 27 Jan 2021 03:25

Tgt Ion:188 Resp: 114737
Ion Ratio Lower Upper
188 100
94 59.6 6.2 9.4#
80 55.4 7.5 11.3#

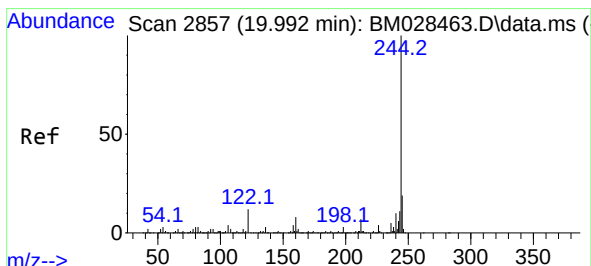
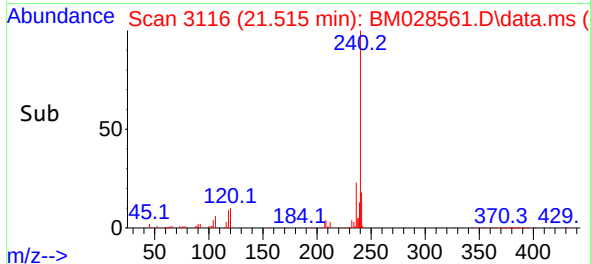
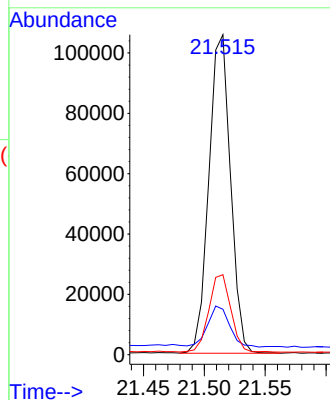
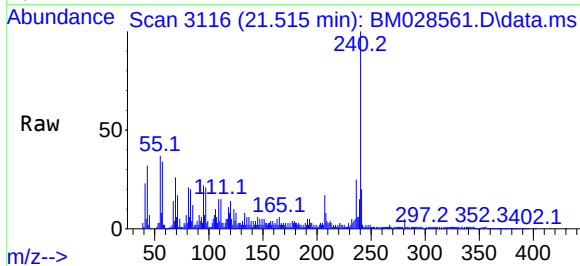




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.515 min Scan# 3116
Delta R.T. 0.017 min
Lab File: BM028561.D
Acq: 27 Jan 2021 03:25

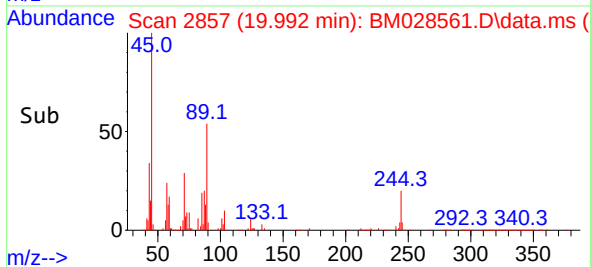
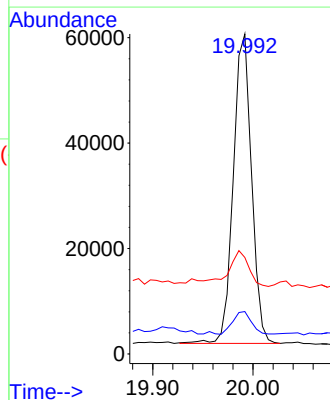
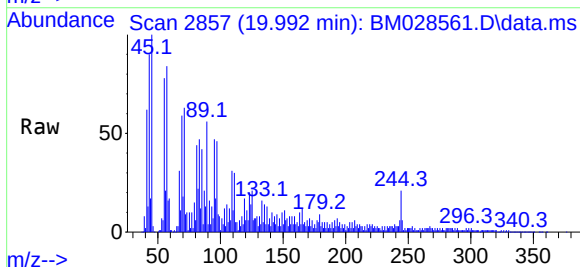
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ClientSampled :
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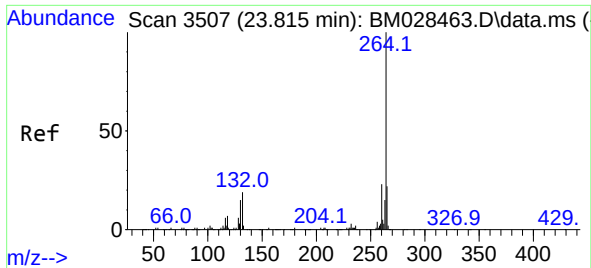
Tgt Ion:240 Resp: 130814
Ion Ratio Lower Upper
240 100
120 14.2 6.4 9.6#
236 25.0 20.1 30.1



#79
Terphenyl-d14
Concen: 10.27 ng
RT: 19.992 min Scan# 2857
Delta R.T. 0.035 min
Lab File: BM028561.D
Acq: 27 Jan 2021 03:25

Tgt Ion:244 Resp: 74385
Ion Ratio Lower Upper
244 100
212 13.2 5.8 8.8#
122 30.1 6.5 9.7#





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 23.780 min Scan# 3501
 Delta R.T. 0.017 min
 Lab File: BM028561.D
 Acq: 27 Jan 2021 03:25

Instrument :
 BNA_M
 ClientSampleId :
 1710

Tgt Ion:264 Resp: 133082
 Ion Ratio Lower Upper
 264 100
 260 22.7 19.0 28.4
 265 22.9 17.7 26.5

