

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM022421\
 Data File : BM028889.D
 Acq On : 24 Feb 2021 21:12
 Operator : CG/JU
 Sample : M1472-05 5X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 TEST-PIT-02-EXTRA

Quant Time: Feb 25 00:13:12 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM022321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 23 16:39:41 2021
 Response via : Initial Calibration

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

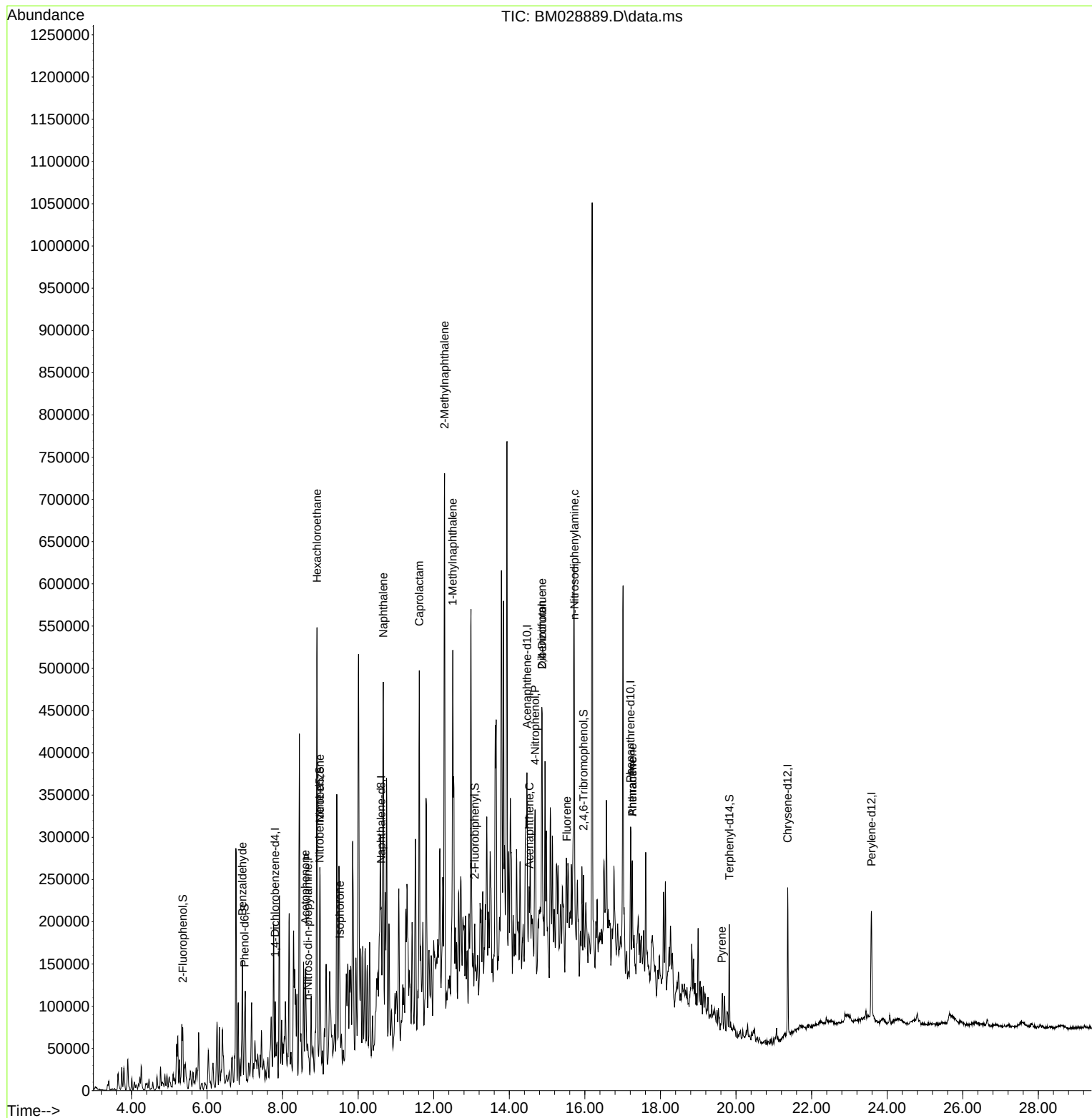
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.804	152	24394	20.00	ng	0.00
21) Naphthalene-d8	10.610	136	95265	20.00	ng	# 0.00
39) Acenaphthene-d10	14.469	164	51201	20.00	ng	0.00
64) Phenanthrene-d10	17.210	188	84693	20.00	ng	0.00
76) Chrysene-d12	21.368	240	73598	20.00	ng	# 0.00
86) Perylene-d12	23.586	264	76974	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.357	112	28237	19.19	ng	0.00
7) Phenol-d6	6.993	99	35736	18.38	ng	0.00
23) Nitrobenzene-d5	8.981	82	22275	12.62	ng	-0.01
42) 2,4,6-Tribromophenol	15.963	330	9104	15.00	ng	0.00
45) 2-Fluorobiphenyl	13.086	172	44387	11.54	ng	0.00
79) Terphenyl-d14	19.821	244	42017	10.54	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.934	77	3374	3.18	ng	# 1
18) Hexachloroethane	8.910	117	42906	61.07	ng	# 1
19) n-Nitroso-di-n-propyla...	8.669	70	3929	3.44	ng	# 86
22) Acetophenone	8.604	105	73431	31.61	ng	# 62
24) Nitrobenzene	8.987	77	5450	3.04	ng	# 10
25) Isophorone	9.516	82	7896	2.54	ng	# 1
31) Naphthalene	10.663	128	223525	42.56	ng	98
35) Caprolactam	11.616	113	16147	37.91	ng	# 1
37) 2-Methylnaphthalene	12.286	142	309256	83.68	ng	96
38) 1-Methylnaphthalene	12.504	142	174249	49.78	ng	100
52) Acenaphthene	14.533	154	8790	2.78	ng	# 86
55) Dibenzofuran	14.868	168	12759	2.57	ng	# 1
56) 4-Nitrophenol	14.680	139	7665	10.60	ng	# 45
57) 2,4-Dinitrotoluene	14.868	165	4185	3.54	ng	# 53
58) Fluorene	15.521	166	24835	6.25	ng	# 91
66) n-Nitrosodiphenylamine	15.721	169	30587	10.56	ng	# 50
71) Phenanthrene	17.257	178	60992	12.09	ng	# 96
72) Anthracene	17.257	178	60992	12.21	ng	97
78) Pyrene	19.621	202	14626	2.71	ng	# 94

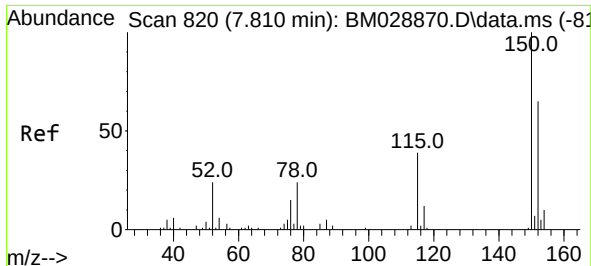
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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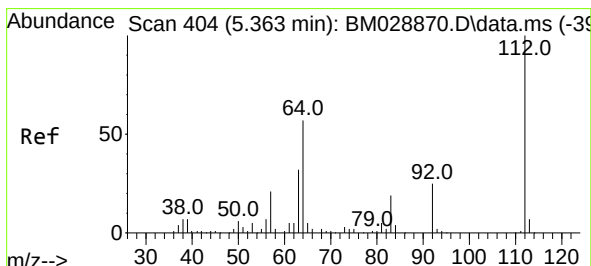
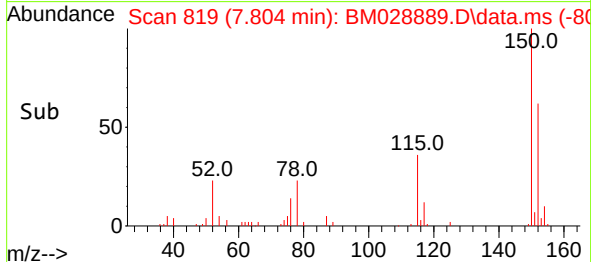
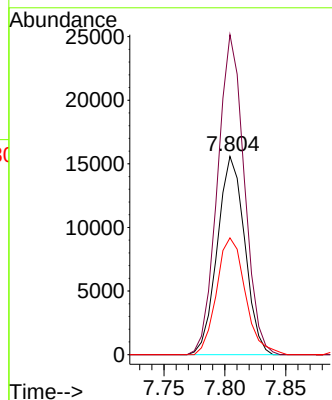
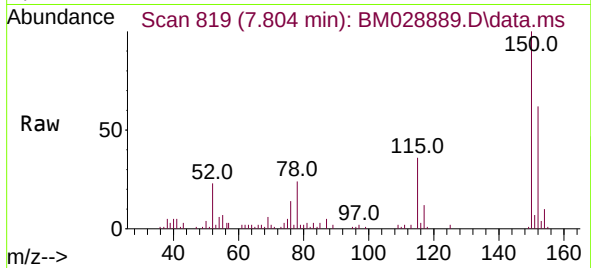




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.804 min Scan# 819
Delta R.T. -0.006 min
Lab File: BM028889.D
Acq: 24 Feb 2021 21:12

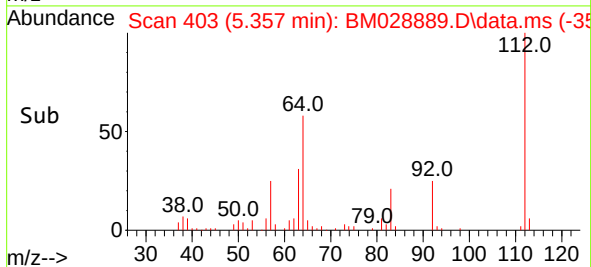
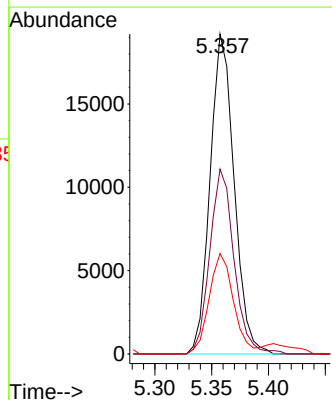
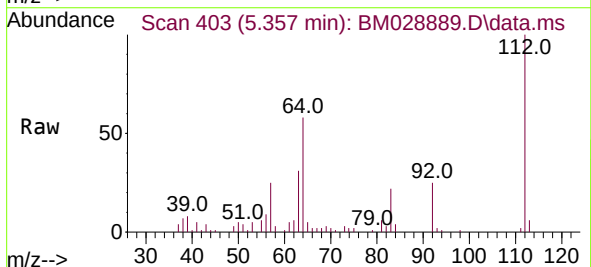
Instrument :
BNA_M
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TEST-PIT-02-EXTRA

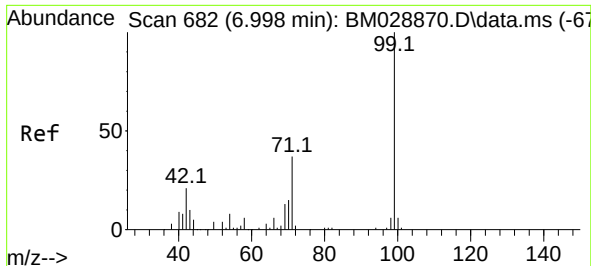
Tgt Ion:152 Resp: 24394
Ion Ratio Lower Upper
152 100
150 161.4 120.6 181.0
115 58.9 47.2 70.8



#5
2-Fluorophenol
Concen: 19.19 ng
RT: 5.357 min Scan# 403
Delta R.T. -0.006 min
Lab File: BM028889.D
Acq: 24 Feb 2021 21:12

Tgt Ion:112 Resp: 28237
Ion Ratio Lower Upper
112 100
64 57.8 50.6 76.0
63 31.4 31.0 46.6

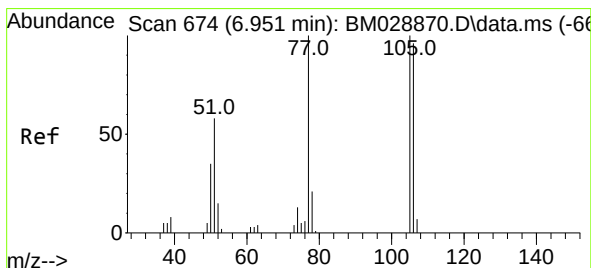
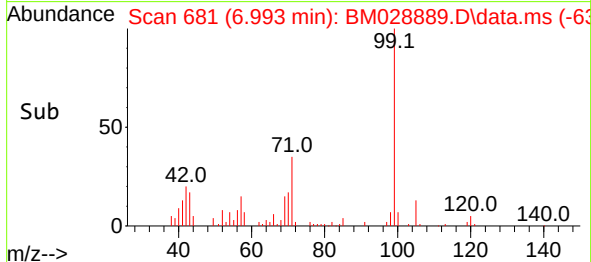
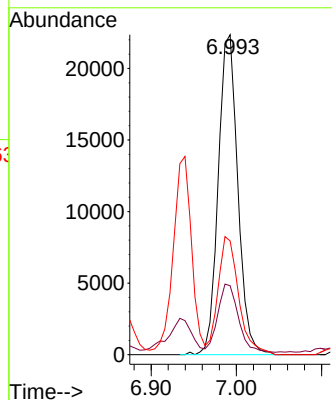
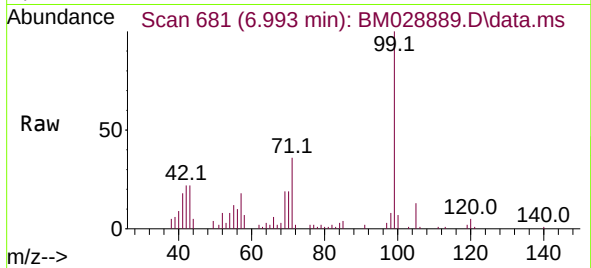




#7
Phenol-d6
Concen: 18.38 ng
RT: 6.993 min Scan# 681
Delta R.T. -0.006 min
Lab File: BM028889.D
Acq: 24 Feb 2021 21:12

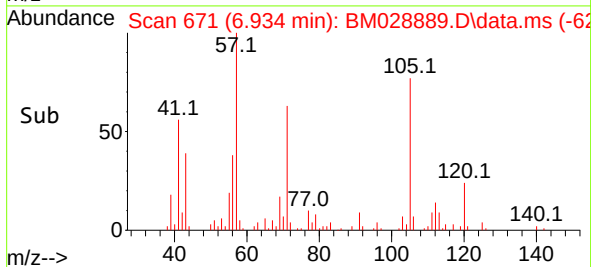
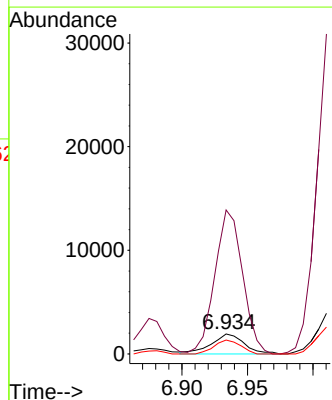
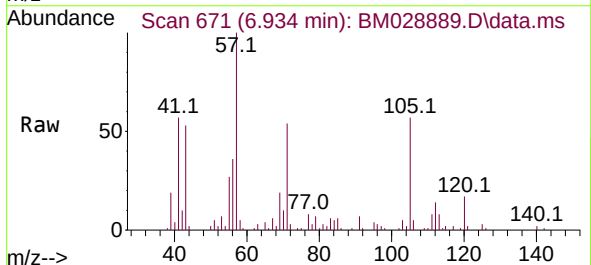
Instrument :
BNA_M
ClientSampleId :
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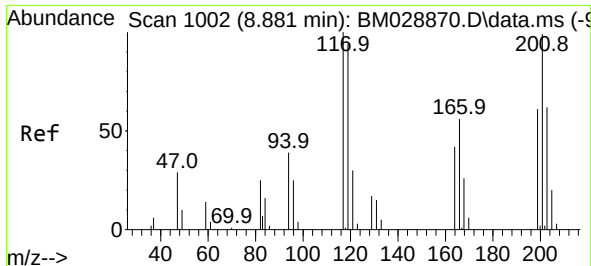
Tgt Ion: 99 Resp: 35736
Ion Ratio Lower Upper
99 100
42 21.5 13.5 20.3#
71 35.6 39.4 59.0#



#9
Benzaldehyde
Concen: 3.18 ng
RT: 6.934 min Scan# 671
Delta R.T. -0.018 min
Lab File: BM028889.D
Acq: 24 Feb 2021 21:12

Tgt Ion: 77 Resp: 3374
Ion Ratio Lower Upper
77 100
105 718.2 64.7 104.7#
106 69.6 57.5 97.5

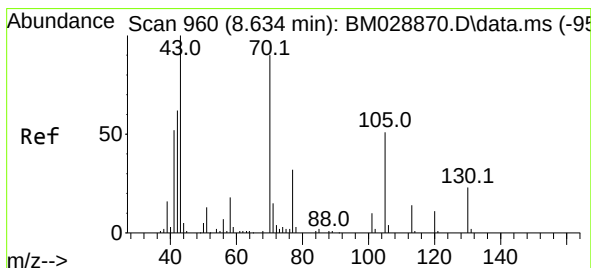
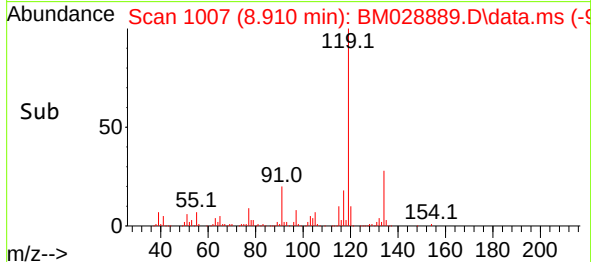
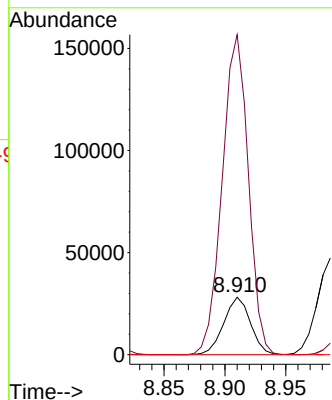
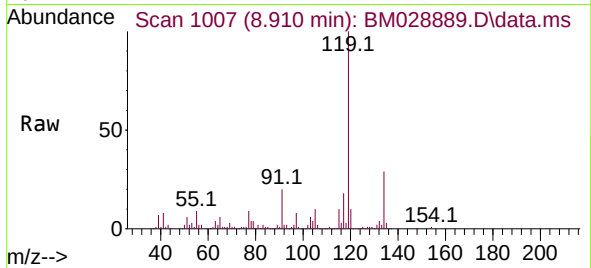




#18
Hexachloroethane
Concen: 61.07 ng
RT: 8.910 min Scan# 1007
Delta R.T. 0.029 min
Lab File: BM028889.D
Acq: 24 Feb 2021 21:12

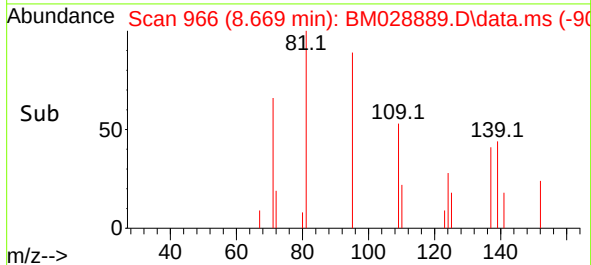
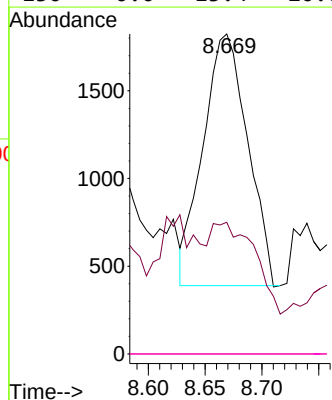
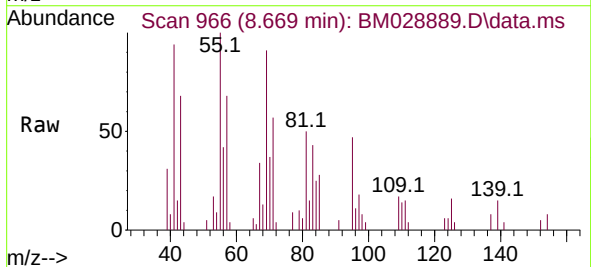
Instrument :
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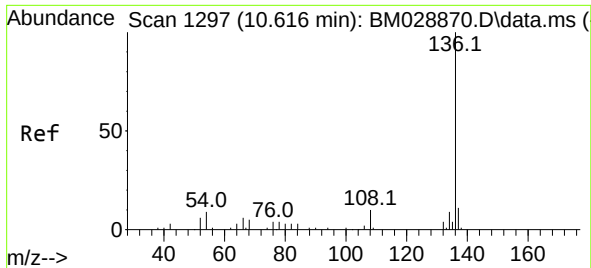
Tgt Ion:117 Resp: 42906
Ion Ratio Lower Upper
117 100
119 557.4 73.1 109.7#
201 0.0 88.7 133.1#



#19
n-Nitroso-di-n-propylamine
Concen: 3.44 ng
RT: 8.669 min Scan# 966
Delta R.T. 0.035 min
Lab File: BM028889.D
Acq: 24 Feb 2021 21:12

Tgt Ion: 70 Resp: 3929
Ion Ratio Lower Upper
70 100
42 41.1 31.9 47.9
101 0.0 7.0 10.4#
130 0.0 13.4 20.0#

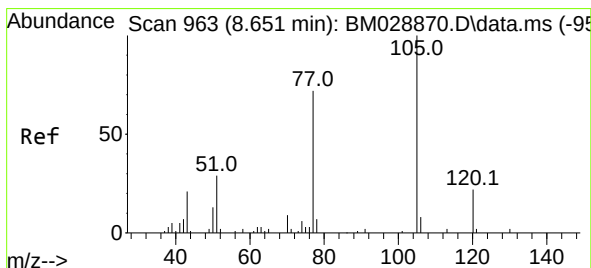
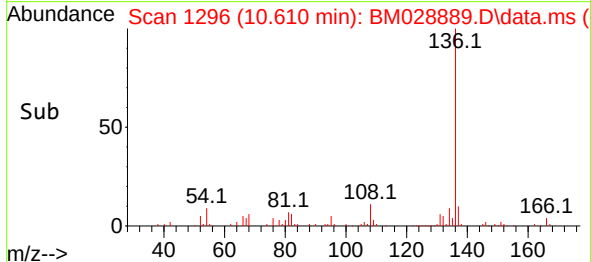
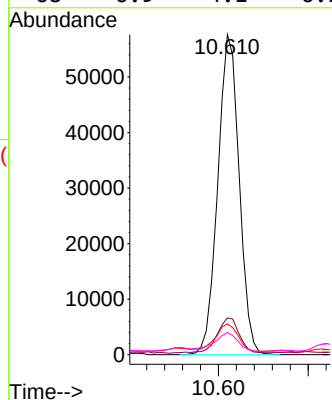
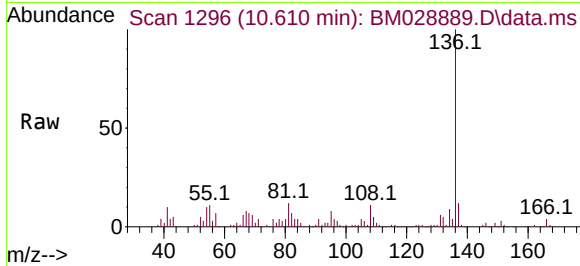




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.610 min Scan# 1296
Delta R.T. -0.006 min
Lab File: BM028889.D
Acq: 24 Feb 2021 21:12

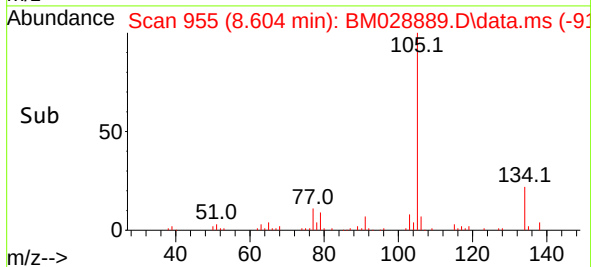
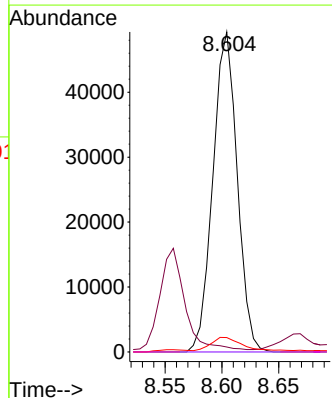
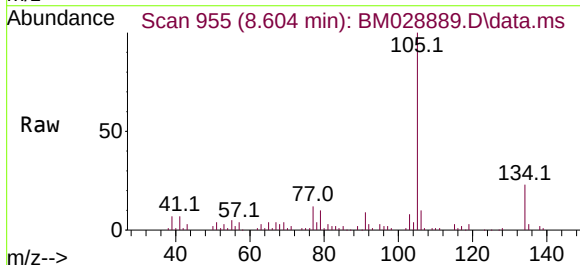
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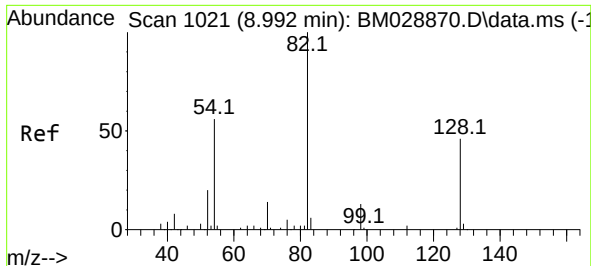
Tgt Ion:	136	Resp:	95265
Ion Ratio	Lower	Upper	
136	100		
137	11.5	8.6	12.8
54	9.6	4.6	7.0#
68	6.9	4.1	6.1#



#22
Acetophenone
Concen: 31.61 ng
RT: 8.604 min Scan# 955
Delta R.T. -0.047 min
Lab File: BM028889.D
Acq: 24 Feb 2021 21:12

Tgt Ion:	105	Resp:	73431
Ion Ratio	Lower	Upper	
105	100		
71	1.6	7.6	11.4#
51	4.5	18.6	28.0#
120	0.0	17.3	25.9#

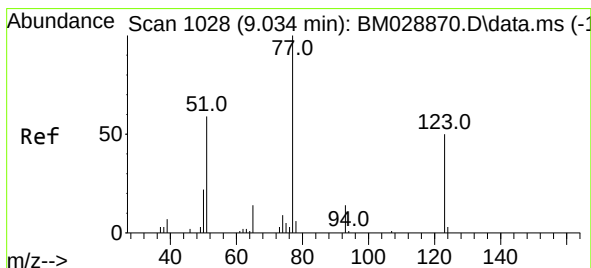
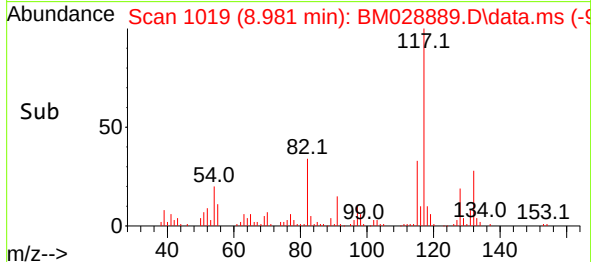
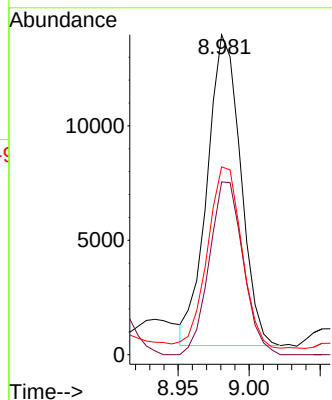
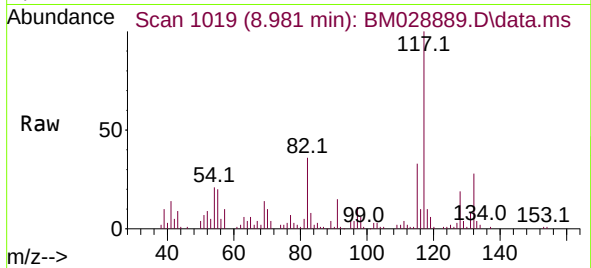




#23
Nitrobenzene-d5
Concen: 12.62 ng
RT: 8.981 min Scan# 1019
Delta R.T. -0.012 min
Lab File: BM028889.D
Acq: 24 Feb 2021 21:12

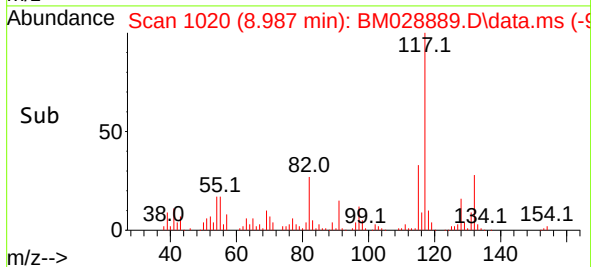
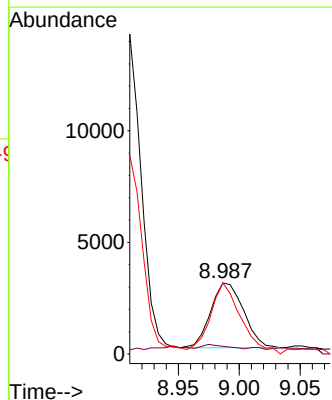
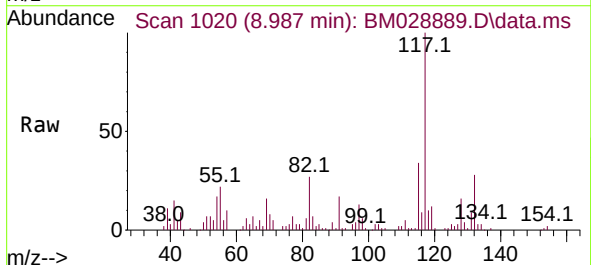
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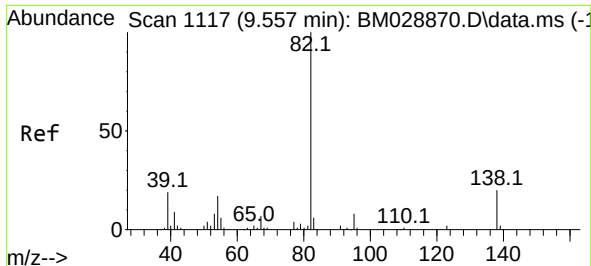
Tgt Ion: 82 Resp: 22275
Ion Ratio Lower Upper
82 100
128 54.0 27.4 41.0#
54 58.7 31.4 47.0#



#24
Nitrobenzene
Concen: 3.04 ng
RT: 8.987 min Scan# 1020
Delta R.T. -0.047 min
Lab File: BM028889.D
Acq: 24 Feb 2021 21:12

Tgt Ion: 77 Resp: 5450
Ion Ratio Lower Upper
77 100
123 10.9 29.1 43.7#
65 99.8 11.3 16.9#

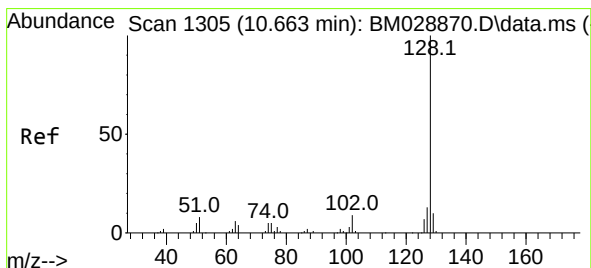
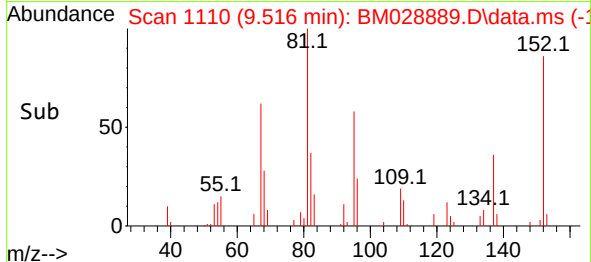
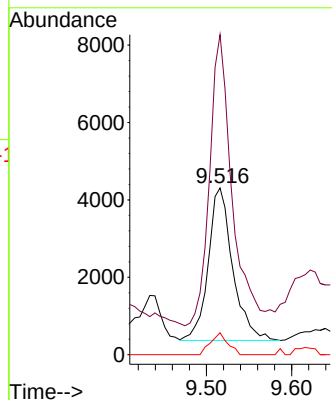
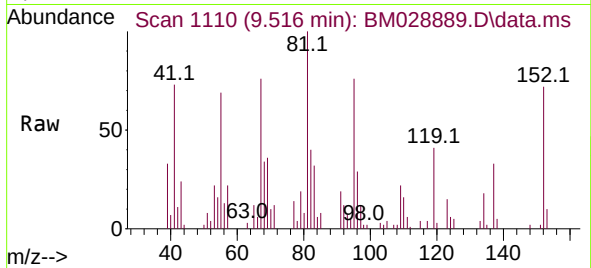




#25
Isophorone
Concen: 2.54 ng
RT: 9.516 min Scan# 1110
Delta R.T. -0.041 min
Lab File: BM028889.D
Acq: 24 Feb 2021 21:12

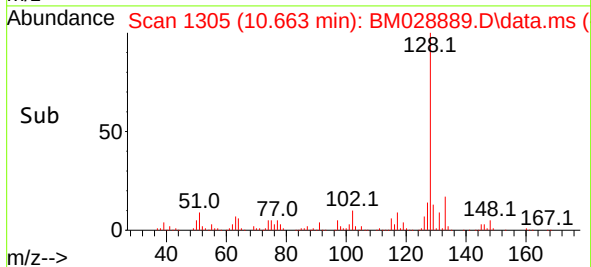
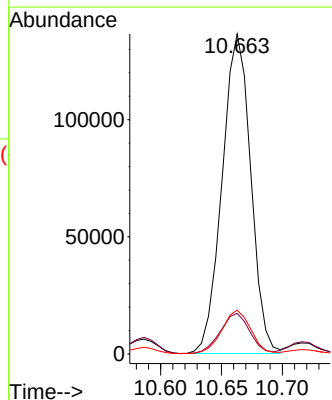
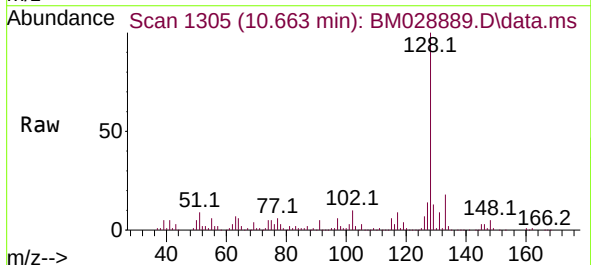
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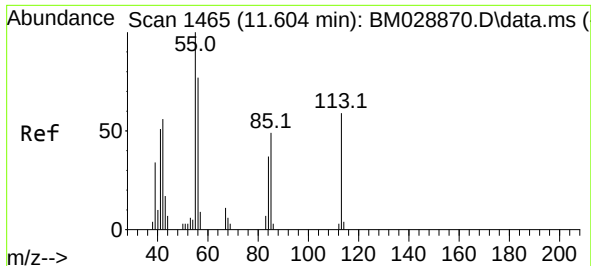
Tgt Ion: 82 Resp: 7896
Ion Ratio Lower Upper
82 100
95 192.0 6.8 10.2#
138 13.1 13.1 19.7



#31
Naphthalene
Concen: 42.56 ng
RT: 10.663 min Scan# 1305
Delta R.T. -0.000 min
Lab File: BM028889.D
Acq: 24 Feb 2021 21:12

Tgt Ion:128 Resp: 223525
Ion Ratio Lower Upper
128 100
129 12.7 9.0 13.4
127 13.7 10.6 15.8

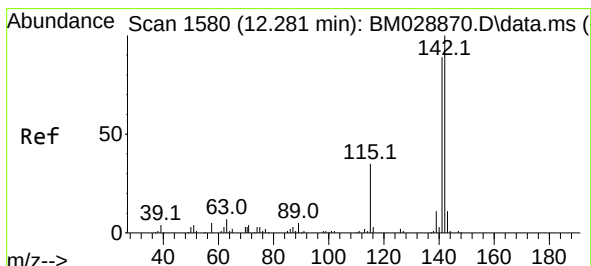
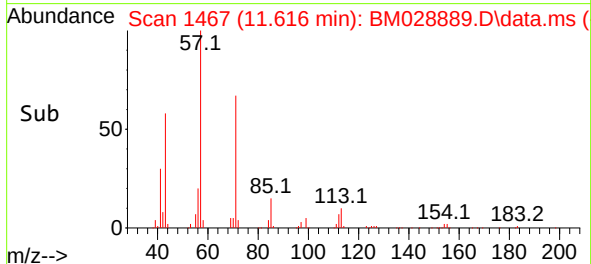
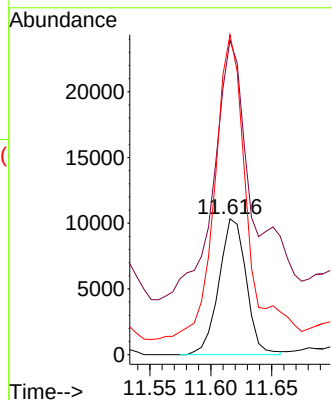
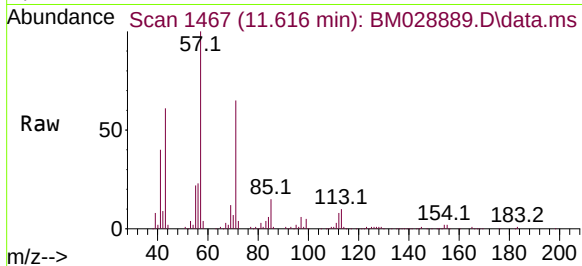




#35
Caprolactam
Concen: 37.91 ng
RT: 11.616 min Scan# 1467
Delta R.T. 0.012 min
Lab File: BM028889.D
Acq: 24 Feb 2021 21:12

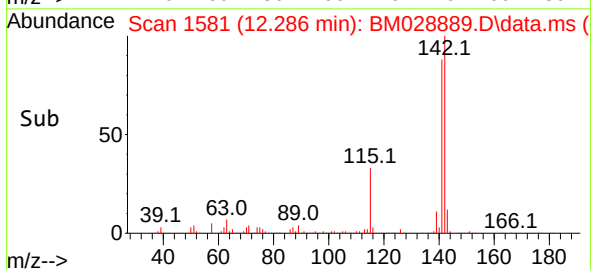
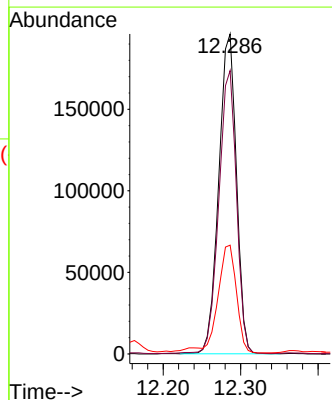
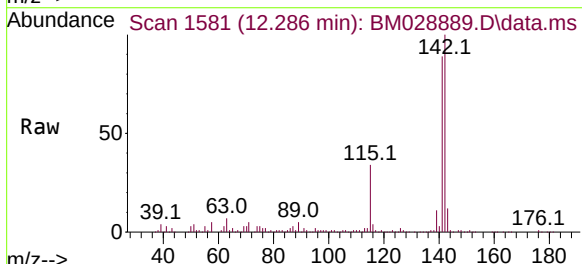
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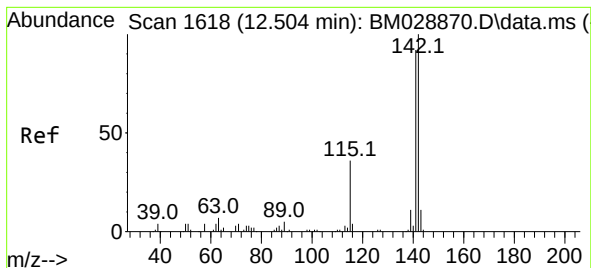
Tgt Ion:113 Resp: 16147
Ion Ratio Lower Upper
113 100
55 231.5 103.2 143.2#
56 235.6 84.2 124.2#



#37
2-Methylnaphthalene
Concen: 83.68 ng
RT: 12.286 min Scan# 1581
Delta R.T. 0.006 min
Lab File: BM028889.D
Acq: 24 Feb 2021 21:12

Tgt Ion:142 Resp: 309256
Ion Ratio Lower Upper
142 100
141 88.5 70.3 105.5
115 34.0 32.2 48.4

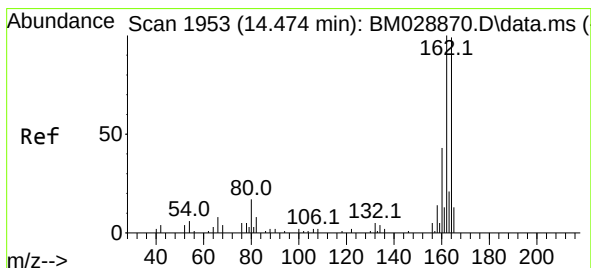
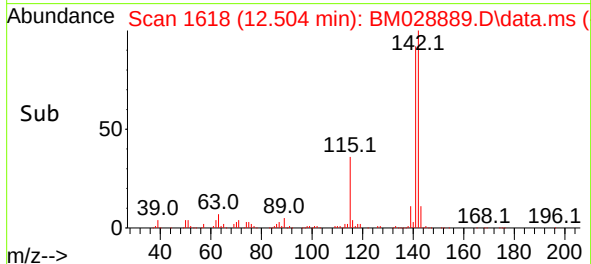
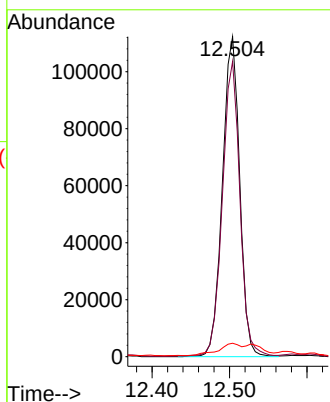
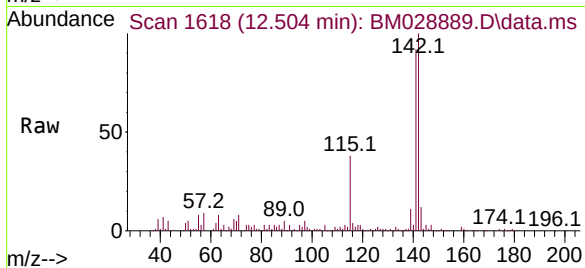




#38
1-Methylnaphthalene
Concen: 49.78 ng
RT: 12.504 min Scan# 1618
Delta R.T. -0.000 min
Lab File: BM028889.D
Acq: 24 Feb 2021 21:12

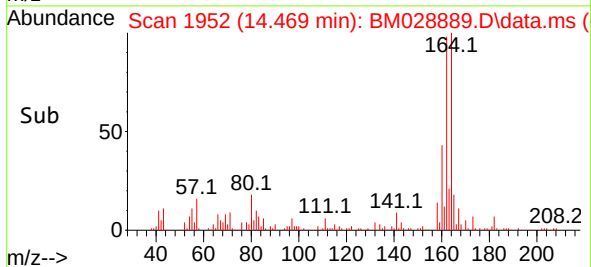
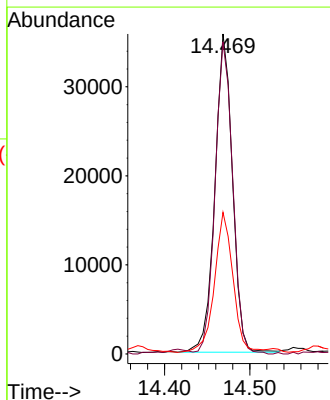
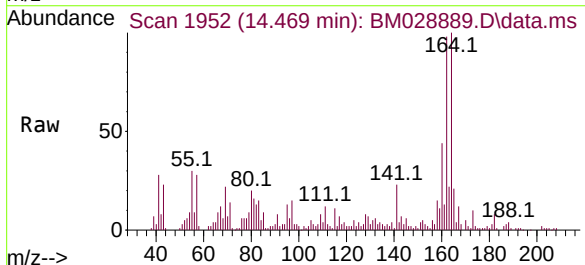
Instrument :
BNA_M
ClientSampleId :
TEST-PIT-02-EXTRA

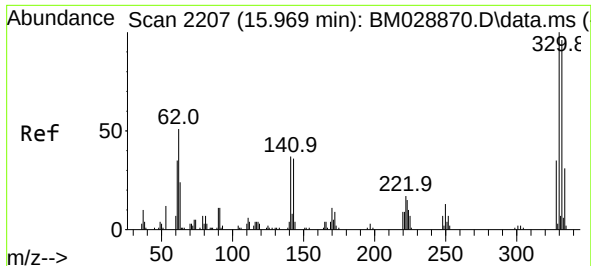
Tgt Ion:142 Resp: 174249
Ion Ratio Lower Upper
142 100
141 92.3 73.8 110.6
116 4.2 3.5 5.3



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.469 min Scan# 1952
Delta R.T. -0.006 min
Lab File: BM028889.D
Acq: 24 Feb 2021 21:12

Tgt Ion:164 Resp: 51201
Ion Ratio Lower Upper
164 100
162 97.6 80.4 120.6
160 44.2 35.9 53.9

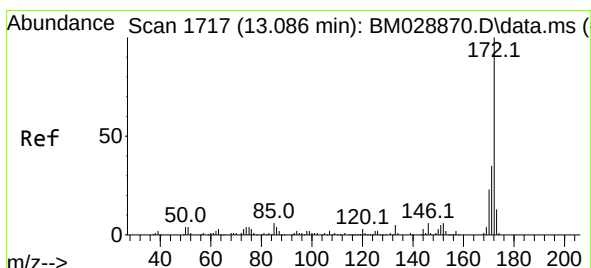
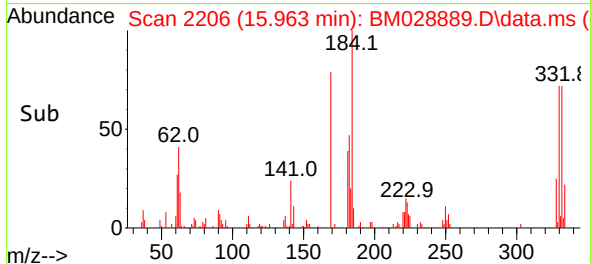
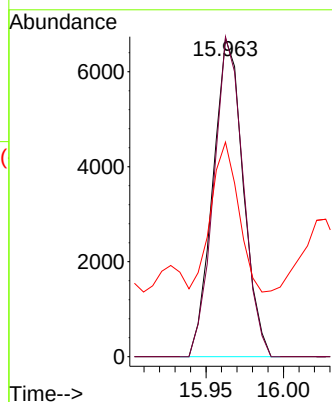
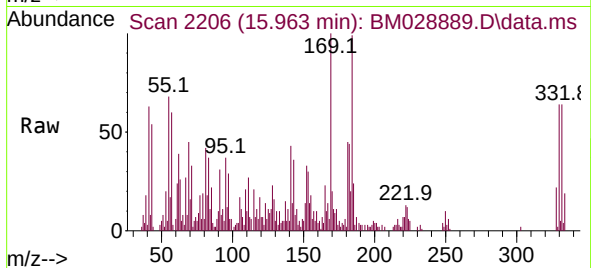




#42
2,4,6-Tribromophenol
Concen: 15.00 ng
RT: 15.963 min Scan# 2206
Delta R.T. -0.006 min
Lab File: BM028889.D
Acq: 24 Feb 2021 21:12

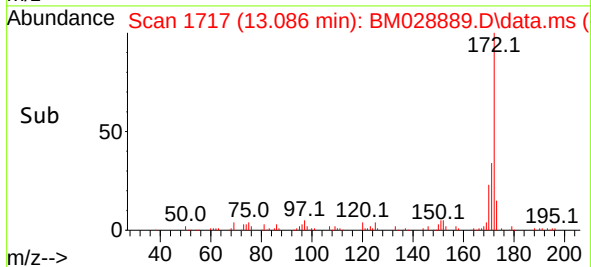
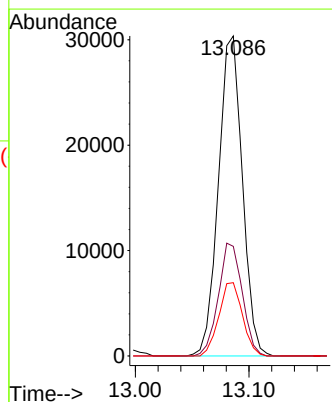
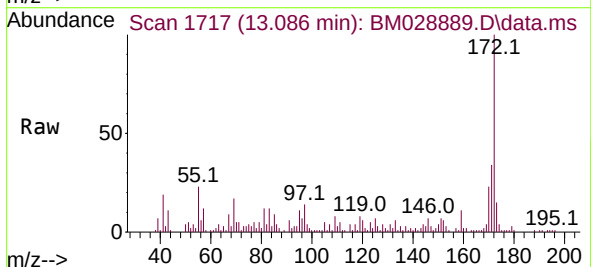
Instrument :
BNA_M
ClientSampleId :
TEST-PIT-02-EXTRA

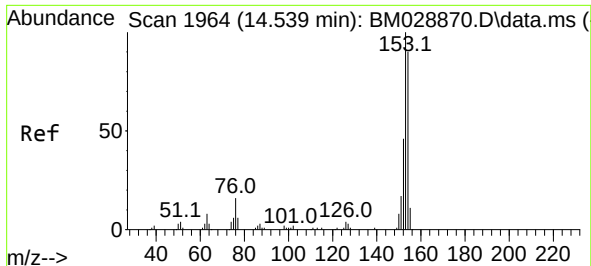
Tgt Ion:330 Resp: 9104
Ion Ratio Lower Upper
330 100
332 97.7 77.8 116.8
141 42.5 28.4 42.6



#45
2-Fluorobiphenyl
Concen: 11.54 ng
RT: 13.086 min Scan# 1717
Delta R.T. -0.000 min
Lab File: BM028889.D
Acq: 24 Feb 2021 21:12

Tgt Ion:172 Resp: 44387
Ion Ratio Lower Upper
172 100
171 34.3 27.8 41.8
170 22.9 18.6 27.8

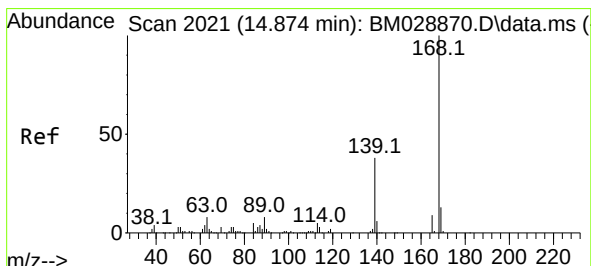
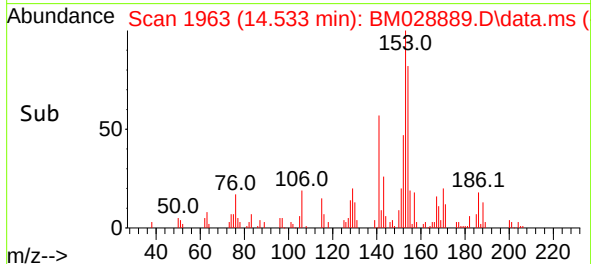
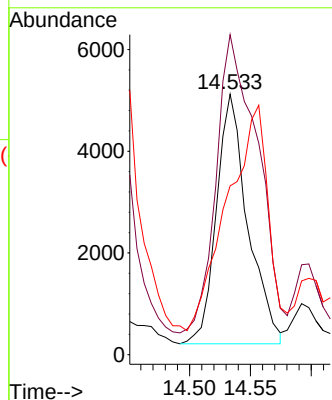
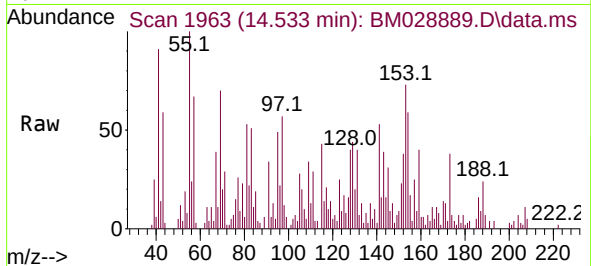




#52
Acenaphthene
Concen: 2.78 ng
RT: 14.533 min Scan# 1963
Delta R.T. -0.006 min
Lab File: BM028889.D
Acq: 24 Feb 2021 21:12

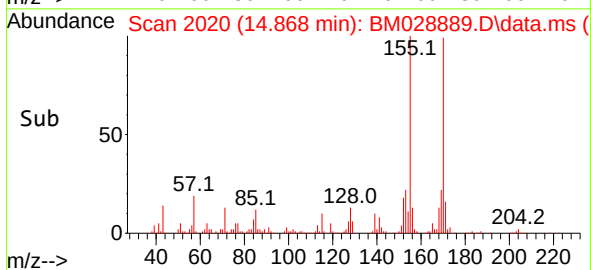
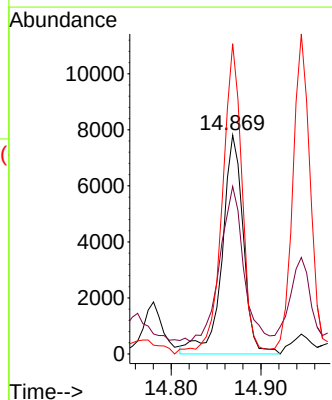
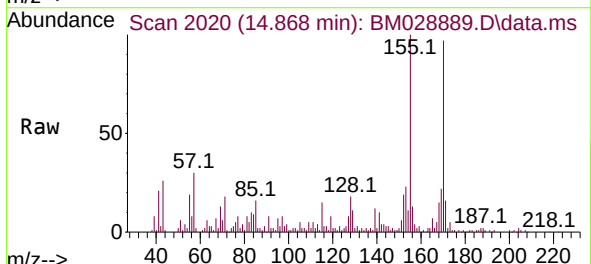
Instrument :
BNA_M
ClientSampleId :
TEST-PIT-02-EXTRA

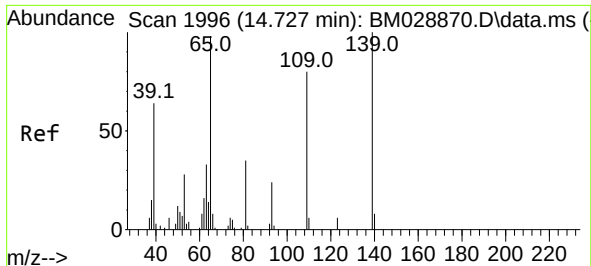
Tgt Ion:154 Resp: 8790
Ion Ratio Lower Upper
154 100
153 122.8 88.3 132.5
152 64.8 41.4 62.2#



#55
Dibenzofuran
Concen: 2.57 ng
RT: 14.868 min Scan# 2020
Delta R.T. -0.006 min
Lab File: BM028889.D
Acq: 24 Feb 2021 21:12

Tgt Ion:168 Resp: 12759
Ion Ratio Lower Upper
168 100
139 76.5 30.2 45.4#
169 141.7 10.6 16.0#

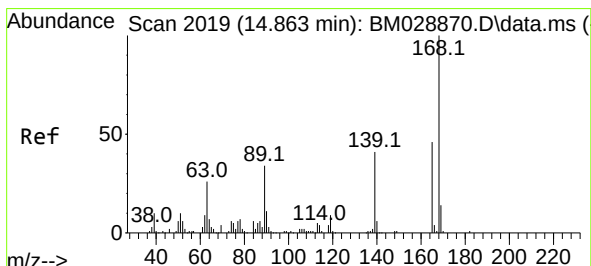
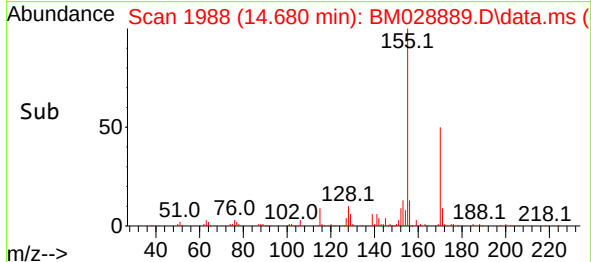
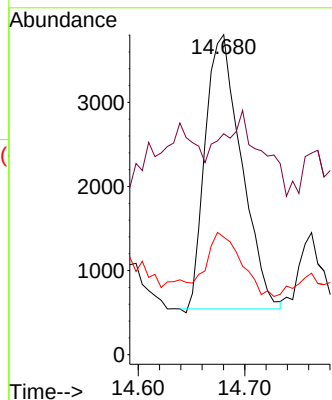
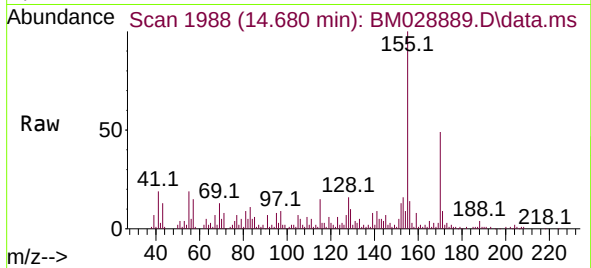




#56
4-Nitrophenol
Concen: 10.60 ng
RT: 14.680 min Scan# 1988
Delta R.T. -0.047 min
Lab File: BM028889.D
Acq: 24 Feb 2021 21:12

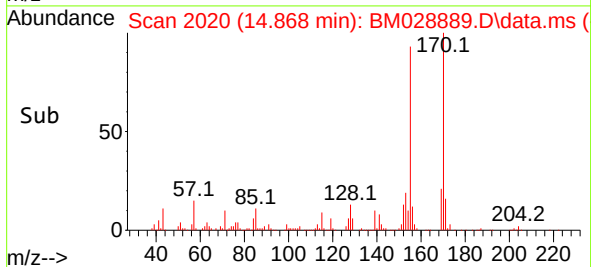
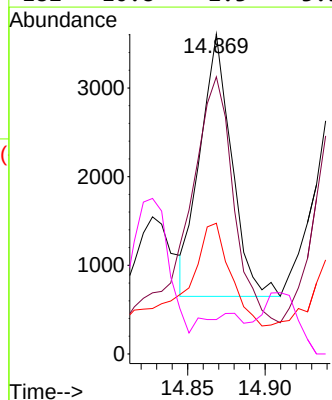
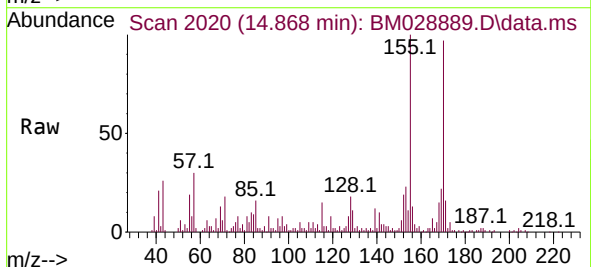
Instrument :
BNA_M
ClientSampleId :
TEST-PIT-02-EXTRA

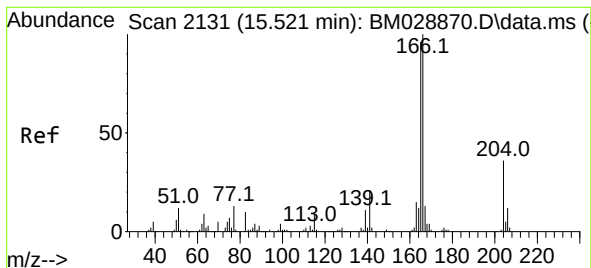
Tgt Ion:139 Resp: 7665
Ion Ratio Lower Upper
139 100
109 69.0 77.0 117.0#
65 36.7 103.4 143.4#



#57
2,4-Dinitrotoluene
Concen: 3.54 ng
RT: 14.868 min Scan# 2020
Delta R.T. 0.006 min
Lab File: BM028889.D
Acq: 24 Feb 2021 21:12

Tgt Ion:165 Resp: 4185
Ion Ratio Lower Upper
165 100
63 86.6 38.8 58.2#
89 40.9 62.6 94.0#
182 10.8 2.3 3.5#

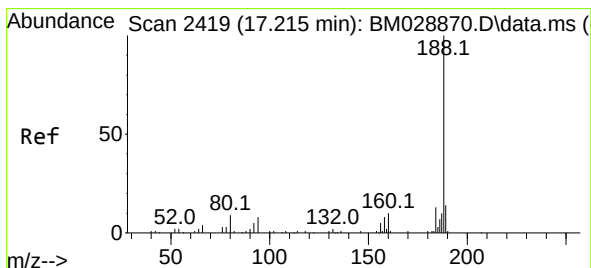
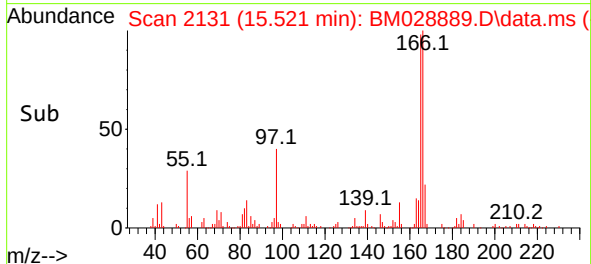
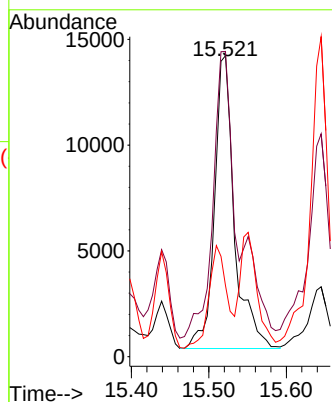
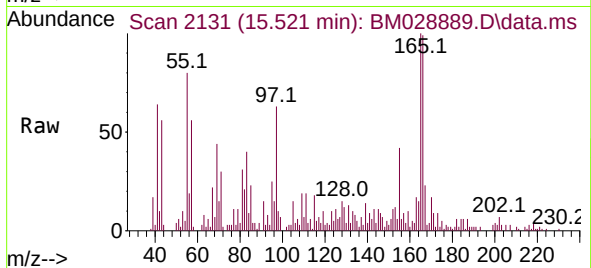




#58
Fluorene
Concen: 6.25 ng
RT: 15.521 min Scan# 2131
Delta R.T. -0.000 min
Lab File: BM028889.D
Acq: 24 Feb 2021 21:12

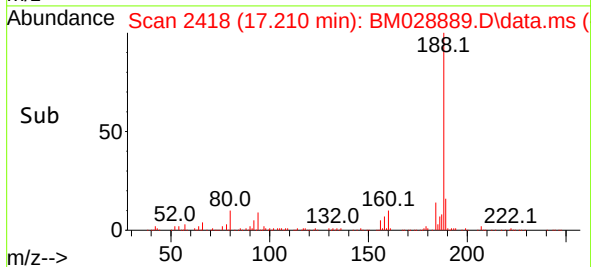
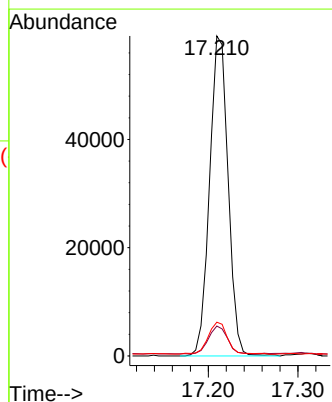
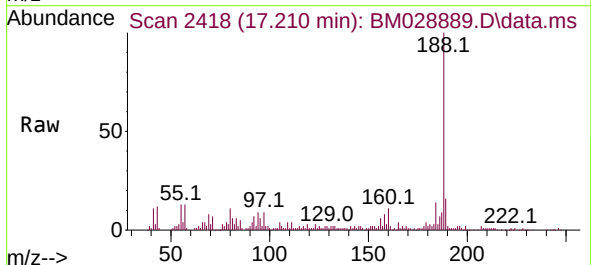
Instrument :
BNA_M
ClientSampleId :
TEST-PIT-02-EXTRA

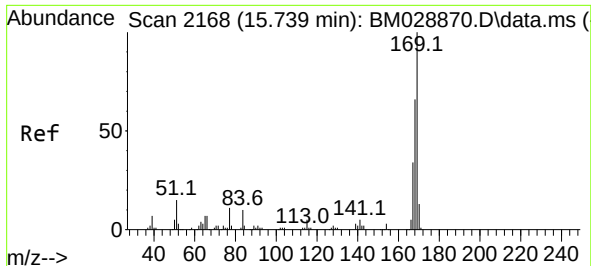
Tgt Ion:166 Resp: 24835
Ion Ratio Lower Upper
166 100
165 101.4 76.2 114.2
167 23.7 10.7 16.1#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.210 min Scan# 2418
Delta R.T. -0.006 min
Lab File: BM028889.D
Acq: 24 Feb 2021 21:12

Tgt Ion:188 Resp: 84693
Ion Ratio Lower Upper
188 100
94 9.4 6.2 9.4
80 10.6 7.5 11.3

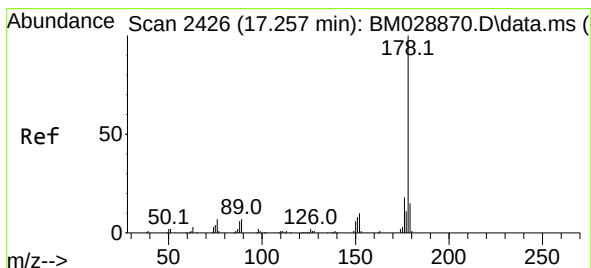
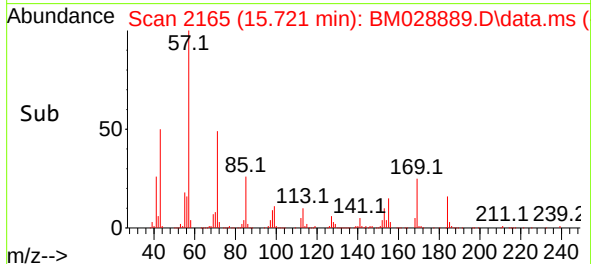
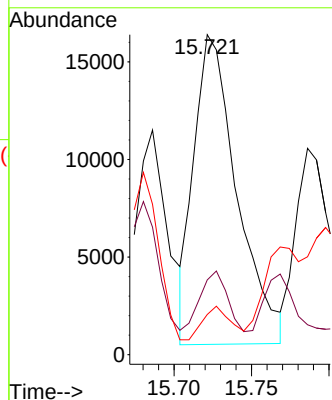
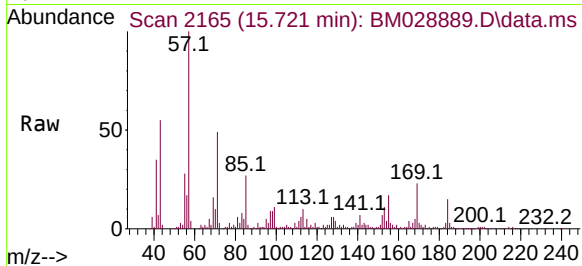




#66
n-Nitrosodiphenylamine
Concen: 10.56 ng
RT: 15.721 min Scan# 2165
Delta R.T. -0.018 min
Lab File: BM028889.D
Acq: 24 Feb 2021 21:12

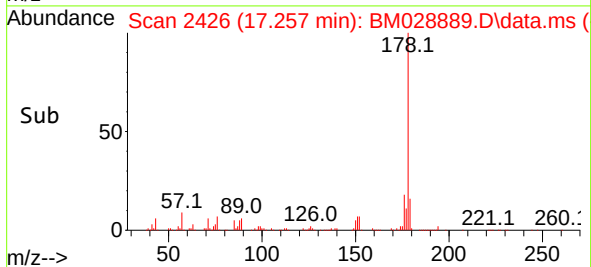
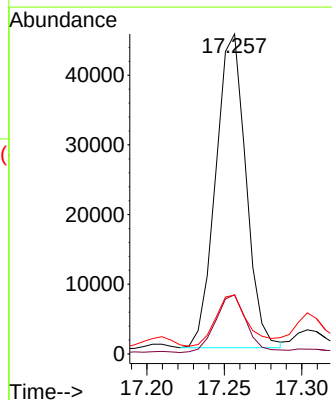
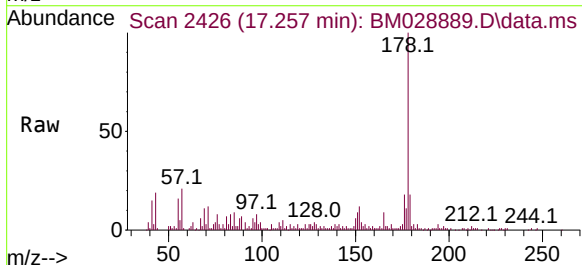
Instrument :
BNA_M
ClientSampleId :
TEST-PIT-02-EXTRA

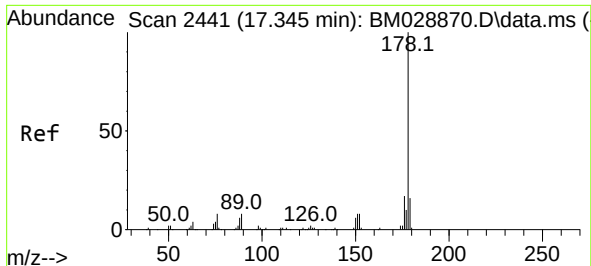
Tgt Ion:169 Resp: 30587
Ion Ratio Lower Upper
169 100
168 23.3 53.8 80.8#
167 12.5 29.0 43.4#



#71
Phenanthrene
Concen: 12.09 ng
RT: 17.257 min Scan# 2426
Delta R.T. -0.000 min
Lab File: BM028889.D
Acq: 24 Feb 2021 21:12

Tgt Ion:178 Resp: 60992
Ion Ratio Lower Upper
178 100
176 18.5 15.0 22.6
179 18.4 12.2 18.4#

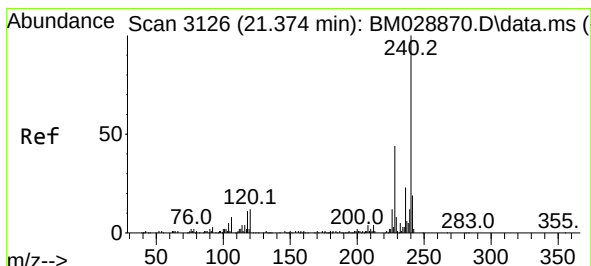
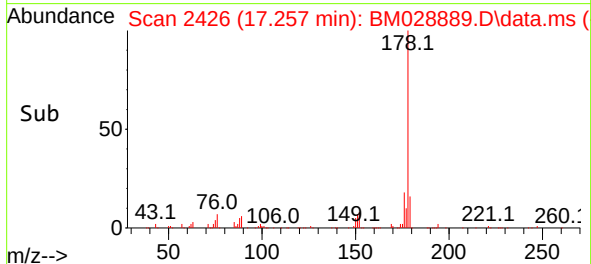
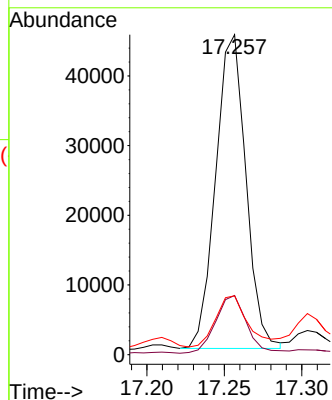
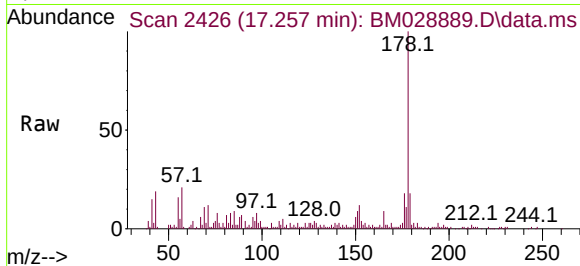




#72
 Anthracene
 Concen: 12.21 ng
 RT: 17.257 min Scan# 2426
 Delta R.T. -0.088 min
 Lab File: BM028889.D
 Acq: 24 Feb 2021 21:12

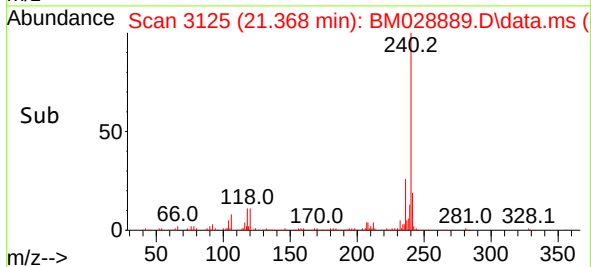
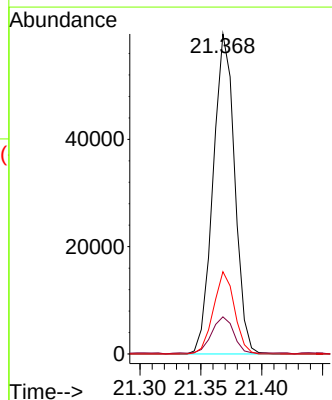
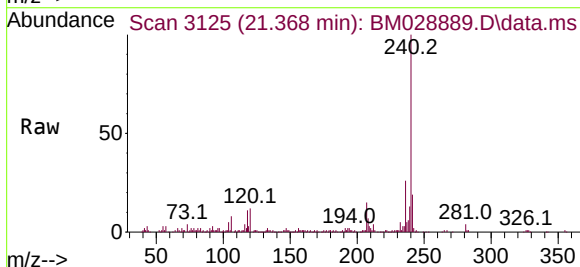
Instrument :
 BNA_M
 ClientSampleId :
 TEST-PIT-02-EXTRA

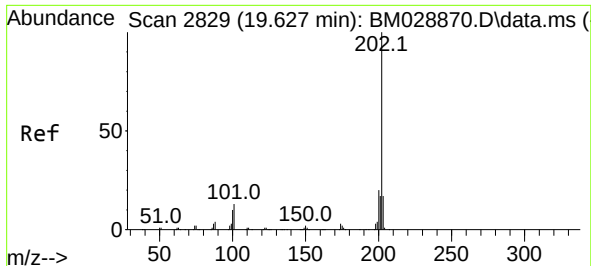
Tgt Ion:178 Resp: 60992
 Ion Ratio Lower Upper
 178 100
 176 18.5 15.0 22.4
 179 18.4 12.5 18.7



#76
 Chrysene-d12
 Concen: 20.00 ng
 RT: 21.368 min Scan# 3125
 Delta R.T. -0.006 min
 Lab File: BM028889.D
 Acq: 24 Feb 2021 21:12

Tgt Ion:240 Resp: 73598
 Ion Ratio Lower Upper
 240 100
 120 11.6 6.4 9.6#
 236 25.7 20.1 30.1

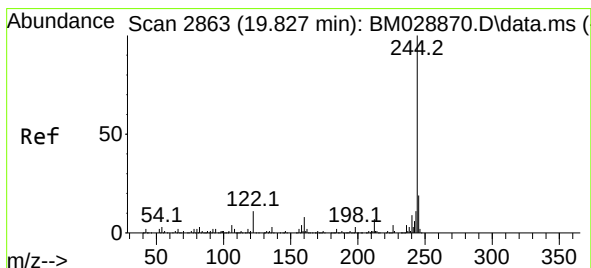
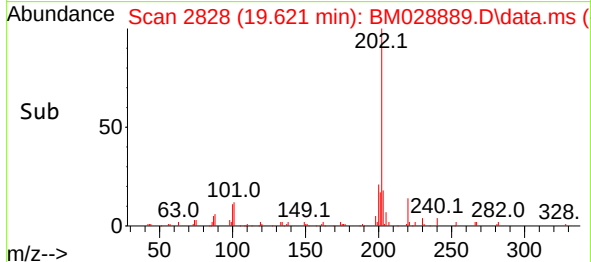
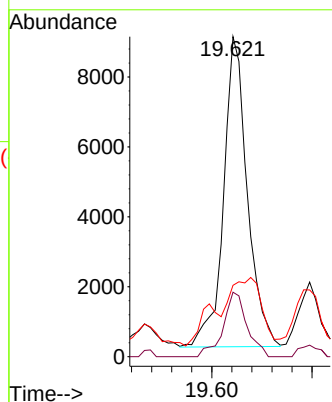
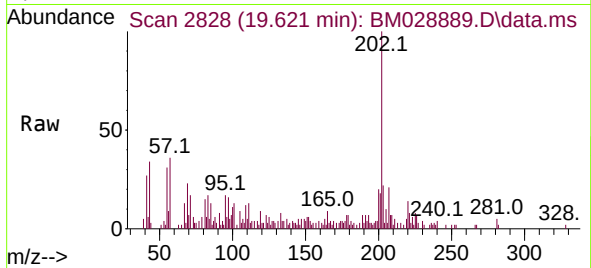




#78
Pyrene
Concen: 2.71 ng
RT: 19.621 min Scan# 2828
Delta R.T. -0.006 min
Lab File: BM028889.D
Acq: 24 Feb 2021 21:12

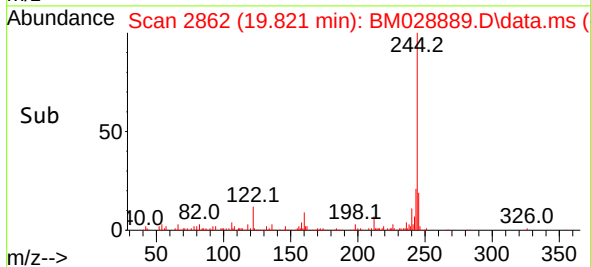
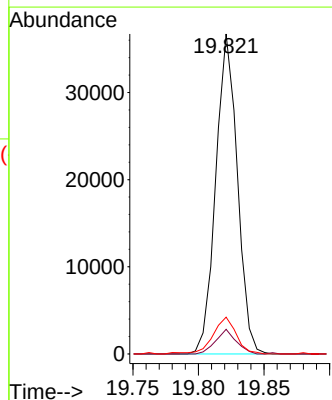
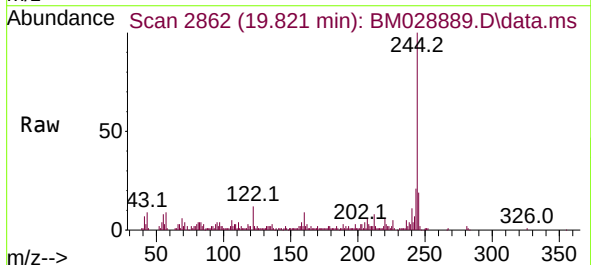
Instrument :
BNA_M
ClientSampleId :
TEST-PIT-02-EXTRA

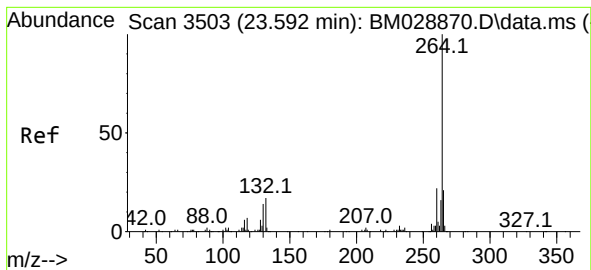
Tgt Ion:202	Resp:	14626
Ion Ratio	Lower	Upper
202	100	
200	20.2	16.6 24.8
203	22.3	13.8 20.6#



#79
Terphenyl-d14
Concen: 10.54 ng
RT: 19.821 min Scan# 2862
Delta R.T. -0.006 min
Lab File: BM028889.D
Acq: 24 Feb 2021 21:12

Tgt Ion:244	Resp:	42017
Ion Ratio	Lower	Upper
244	100	
212	7.7	5.8 8.8
122	11.5	6.5 9.7#





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 23.586 min Scan# 3502
 Delta R.T. -0.006 min
 Lab File: BM028889.D
 Acq: 24 Feb 2021 21:12

Instrument :
 BNA_M
 ClientSampleId :
 TEST-PIT-02-EXTRA

Tgt Ion:264	Resp:	76974
Ion Ratio	Lower	Upper
264	100	
260	22.6	19.0 28.4
265	22.1	17.7 26.5

