

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)

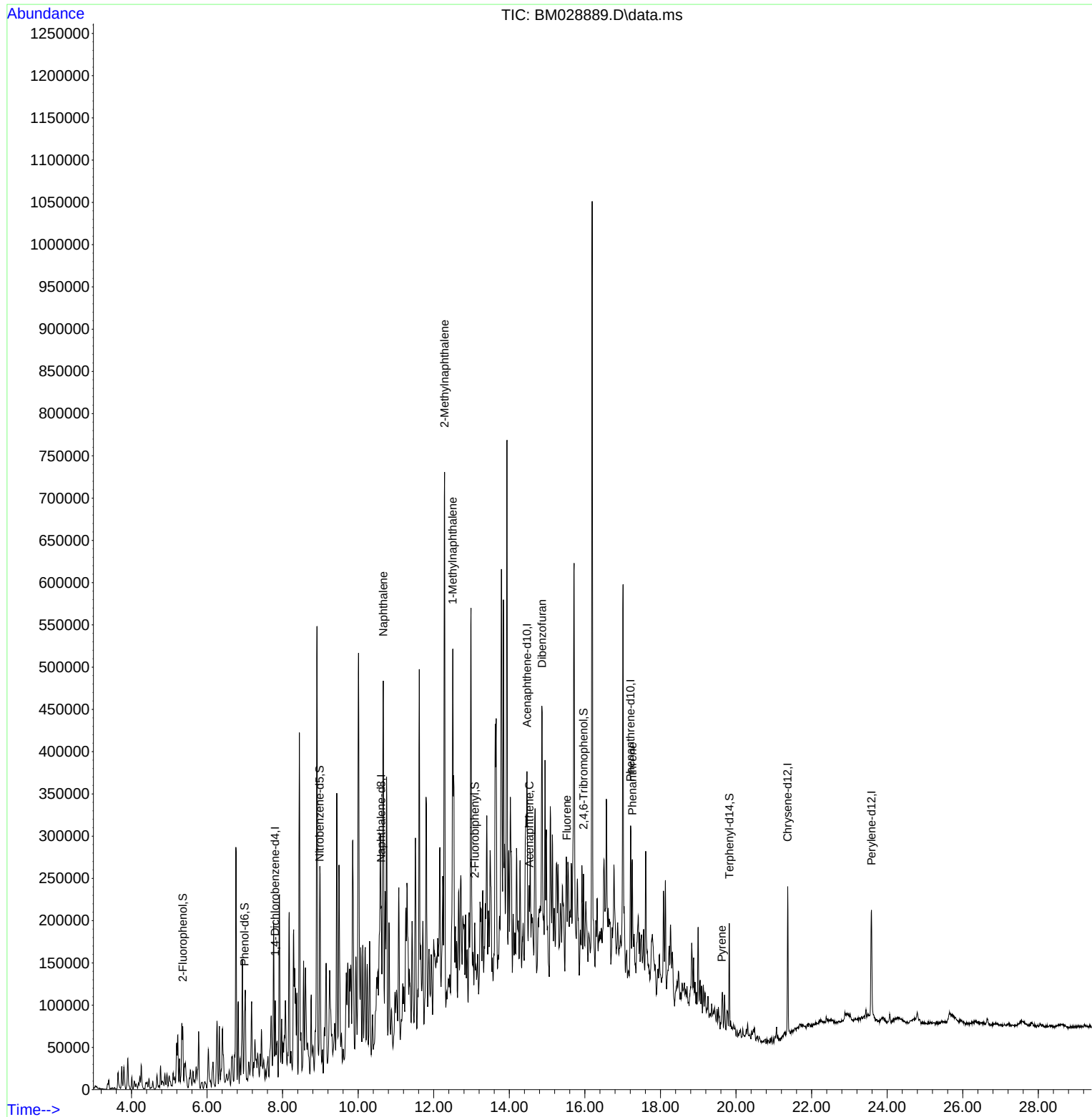
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.804	152	24394	20.00	ng	0.00
21) Naphthalene-d8	10.610	136	95265	20.00	ng	# 0.00
39) Acenaphthene-d10	14.469	164	51201	20.00	ng	0.00
64) Phenanthrene-d10	17.210	188	84693	20.00	ng	0.00
76) Chrysene-d12	21.368	240	73598	20.00	ng	# 0.00
86) Perylene-d12	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
31) Naphthalene	10.663	128	223525	42.56	ng	98
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
58) Fluorene	15.521	166	24835	6.25	ng	# 91
71) Phenanthrene	17.257	178	60992	12.09	ng	# 96
78) Pyrene	19.621	202	14626	2.71	ng	# 94

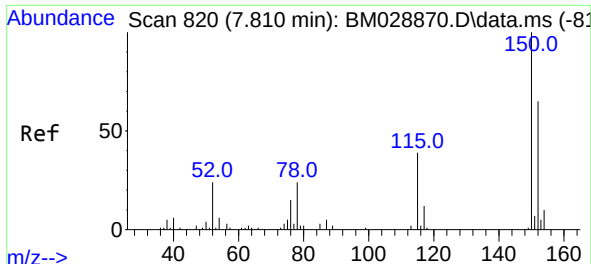
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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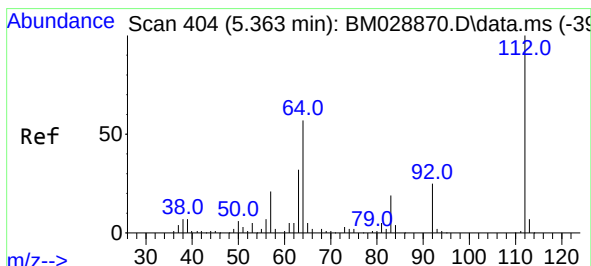
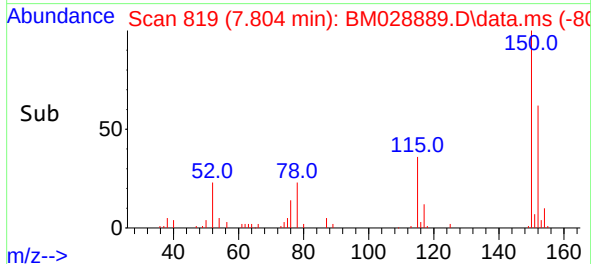
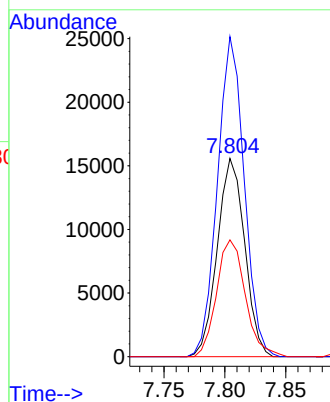
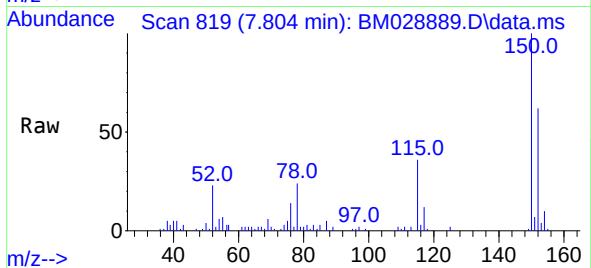




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.804 min Scan# 819
Delta R.T. -0.006 min
Lab File: BM028889.D
Acq: 24 Feb 2021 21:12

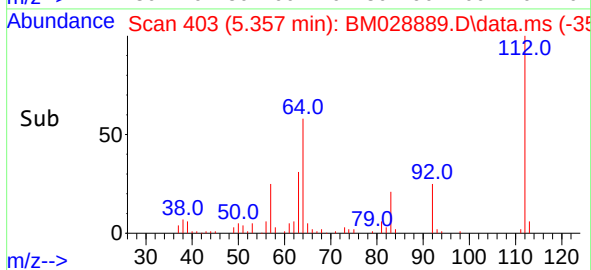
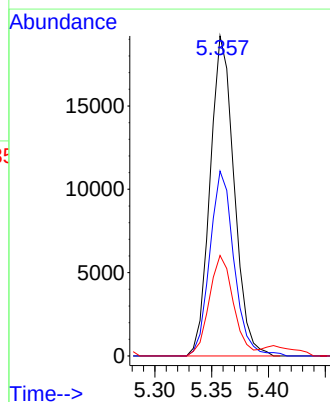
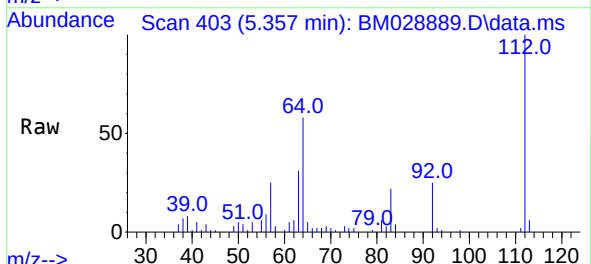
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BNA_M
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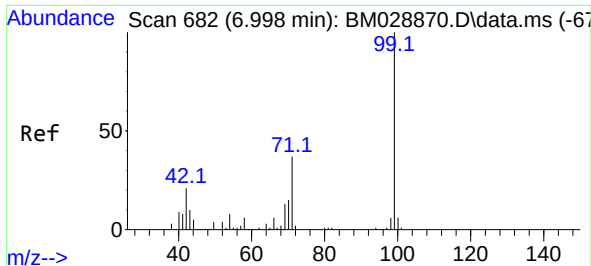
Tgt Ion:152 Resp: 24394
Ion Ratio Lower Upper
152 100
150 161.4 120.6 181.0
115 58.9 47.2 70.8



#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

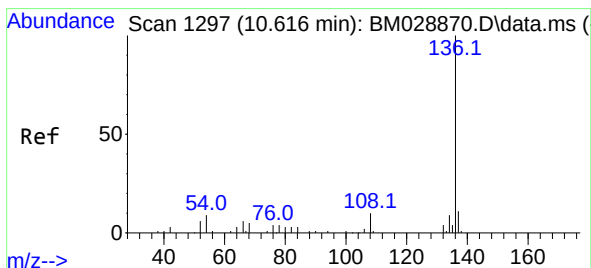
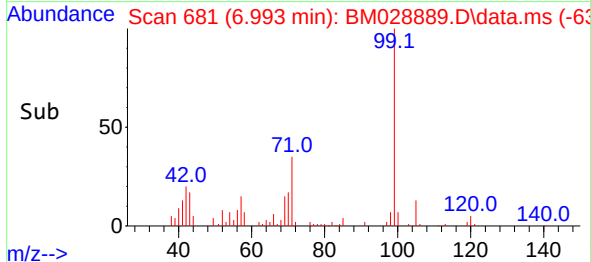
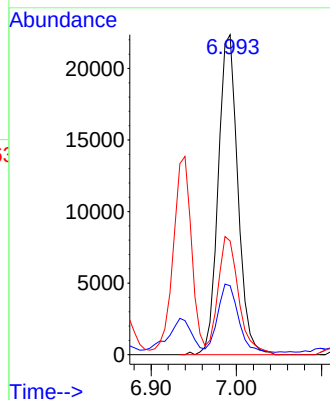
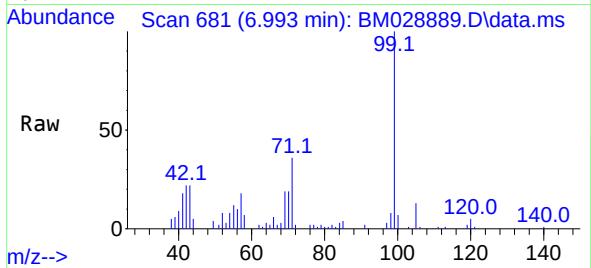




#7
Phenol-d6
Concen: 18.38 ng
RT: 6.993 min Scan# 681
Delta R.T. -0.006 min
Lab File: BM028889.D
Acq: 24 Feb 2021 21:12

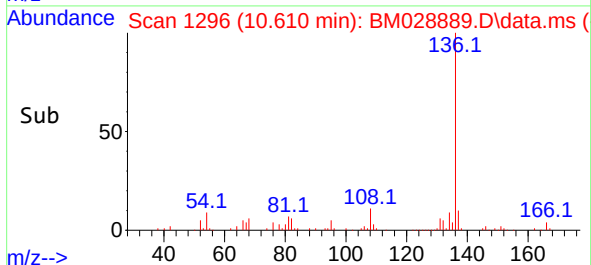
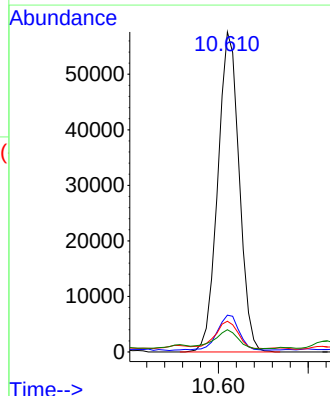
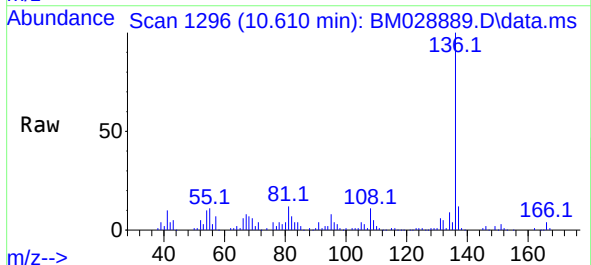
Instrument :
BNA_M
ClientSampleId :
TEST-PIT-02-EXTRA

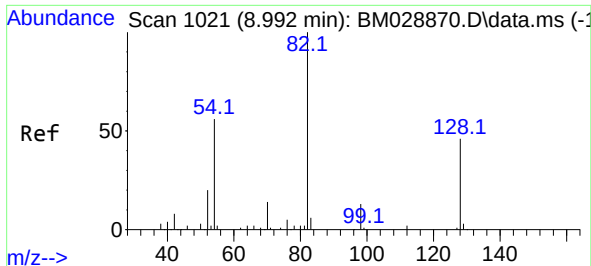
Tgt Ion:	99	Resp:	35736
Ion	Ratio	Lower	Upper
99	100		
42	21.5	13.5	20.3#
71	35.6	39.4	59.0#



#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

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#

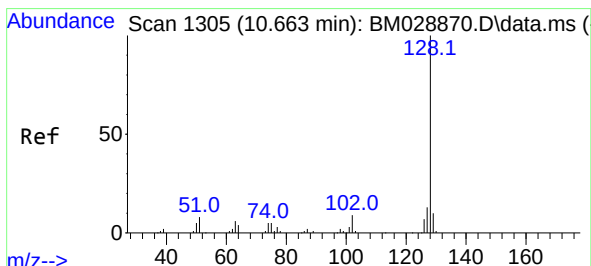
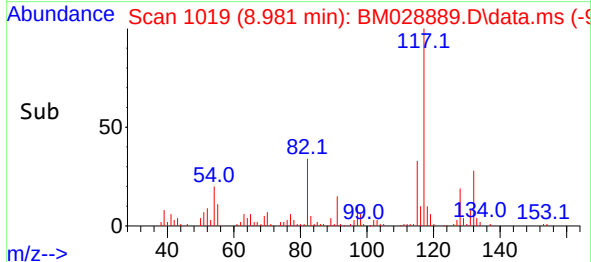
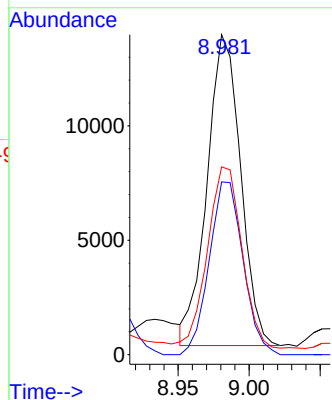
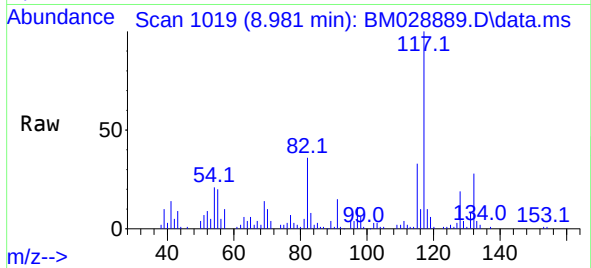




#23
Nitrobenzene-d5
Concen: 12.62 ng
RT: 8.981 min Scan# 1019
Delta R.T. -0.012 min
Lab File: BM028889.D
Acq: 24 Feb 2021 21:12

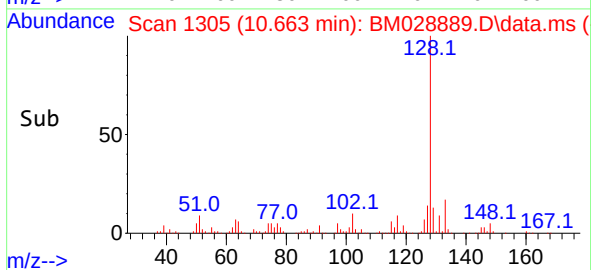
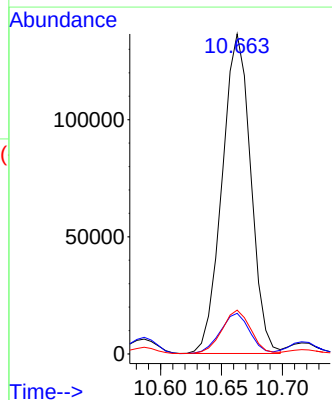
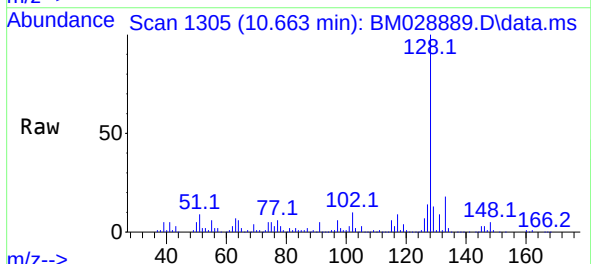
Instrument :
BNA_M
ClientSampleId :
TEST-PIT-02-EXTRA

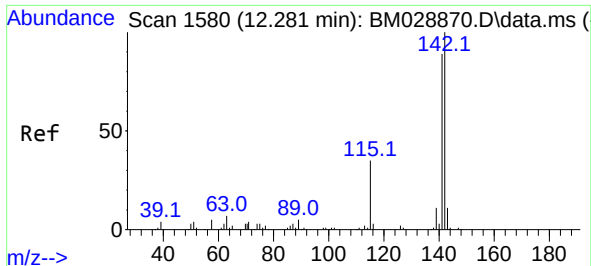
Tgt Ion: 82 Resp: 22275
Ion Ratio Lower Upper
82 100
128 54.0 27.4 41.0#
54 58.7 31.4 47.0#



#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

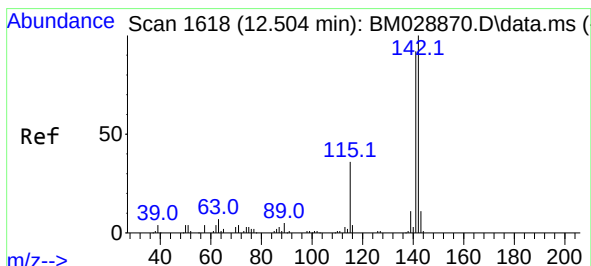
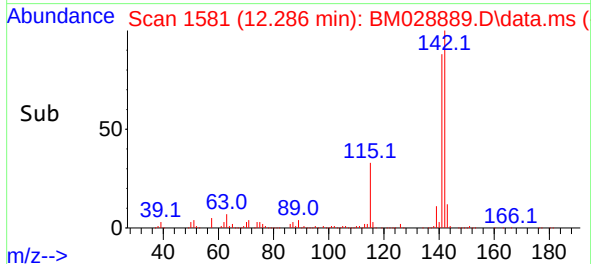
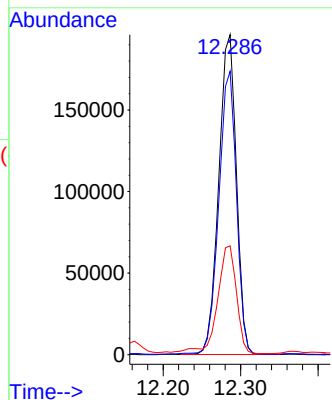
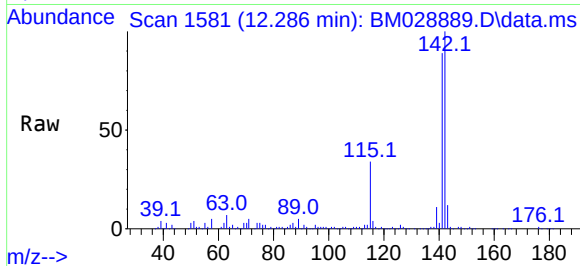




#37
2-Methylnaphthalene
Concen: 83.68 ng
RT: 12.286 min Scan# 1581
Delta R.T. 0.006 min
Lab File: BM028889.D
Acq: 24 Feb 2021 21:12

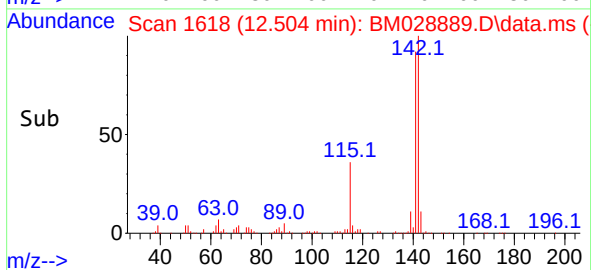
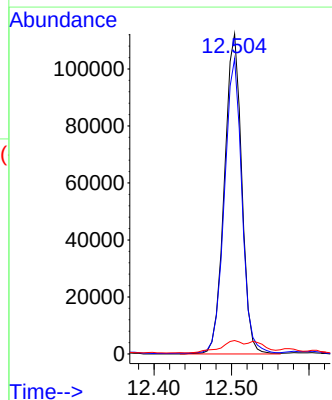
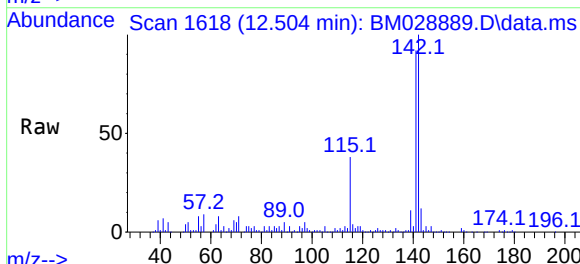
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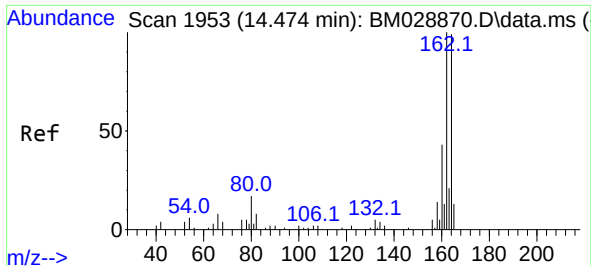
Tgt Ion:142 Resp: 309256
Ion Ratio Lower Upper
142 100
141 88.5 70.3 105.5
115 34.0 32.2 48.4



#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

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

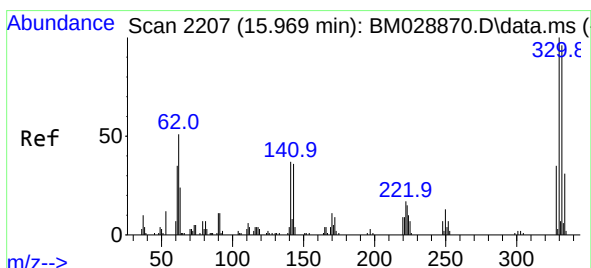
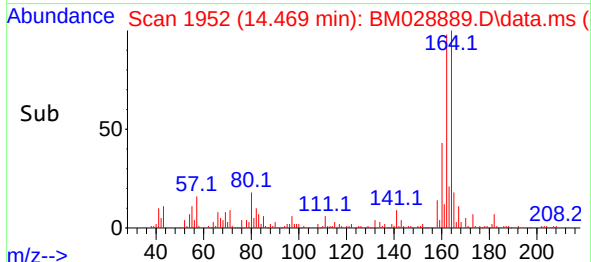
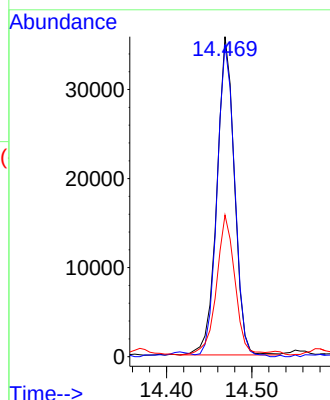
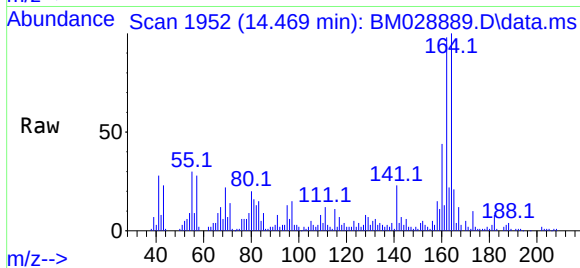




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.469 min Scan# 1952
Delta R.T. -0.006 min
Lab File: BM028889.D
Acq: 24 Feb 2021 21:12

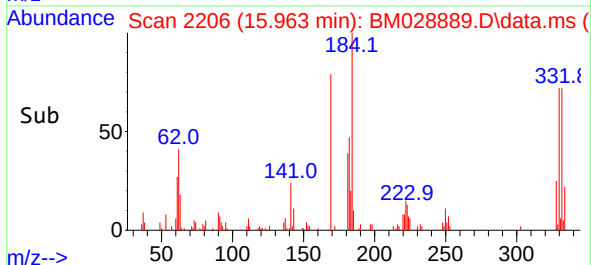
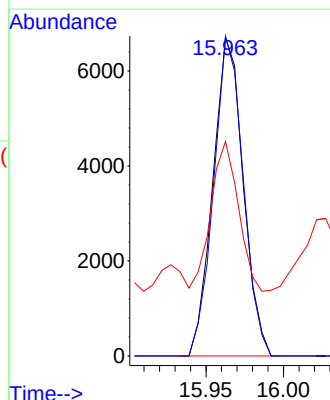
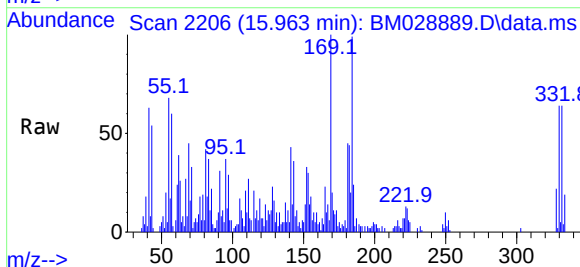
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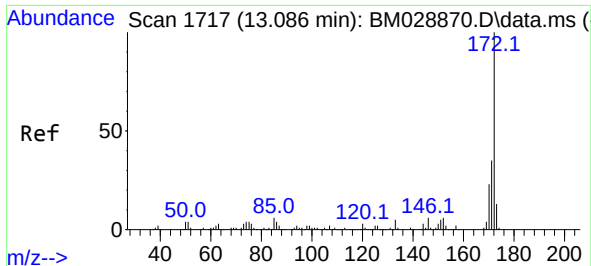
Tgt Ion:	164	Resp:	51201
Ion Ratio	Lower	Upper	
164	100		
162	97.6	80.4	120.6
160	44.2	35.9	53.9



#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

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

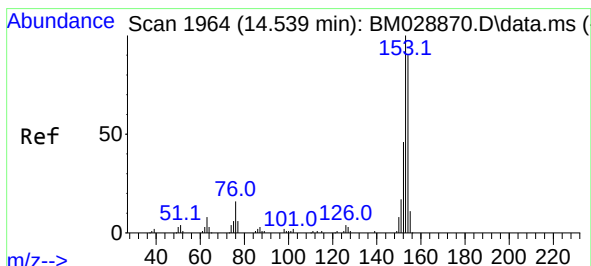
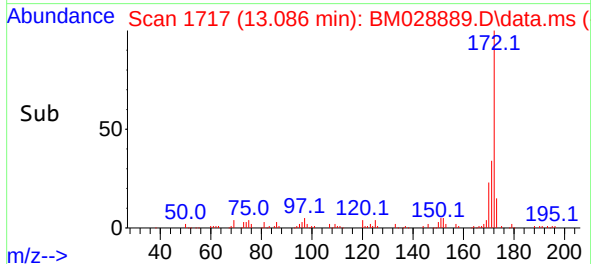
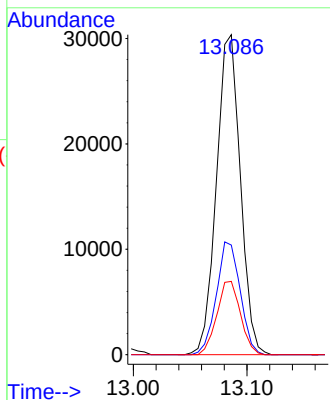
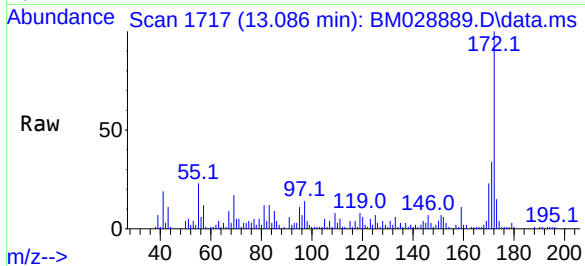




#45
2-Fluorobiphenyl
Concen: 11.54 ng
RT: 13.086 min Scan# 1717
Delta R.T. -0.000 min
Lab File: BM028889.D
Acq: 24 Feb 2021 21:12

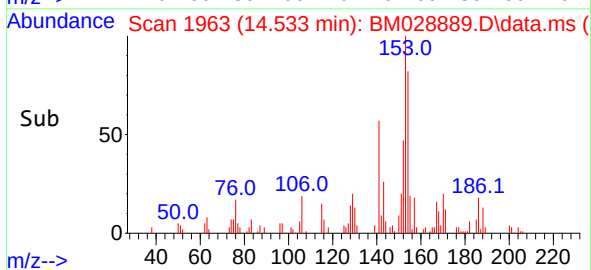
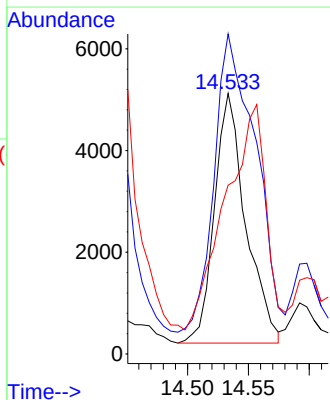
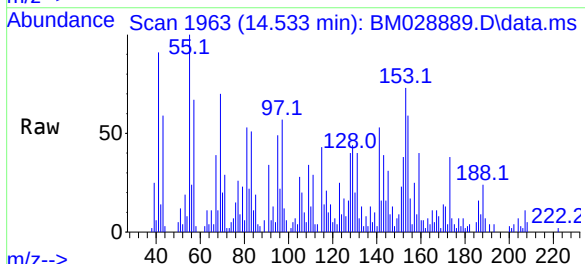
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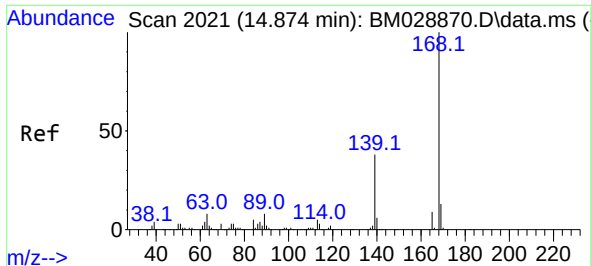
Tgt Ion:172	Resp:	44387
Ion Ratio	Lower	Upper
172	100	
171	34.3	27.8 41.8
170	22.9	18.6 27.8



#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

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#

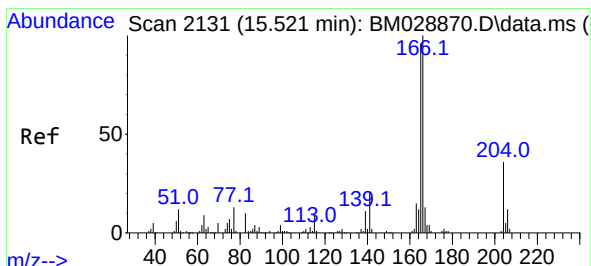
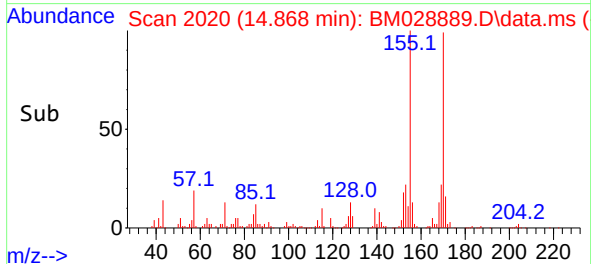
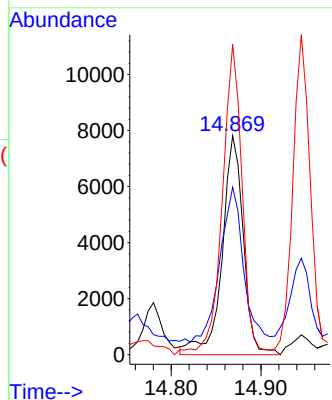
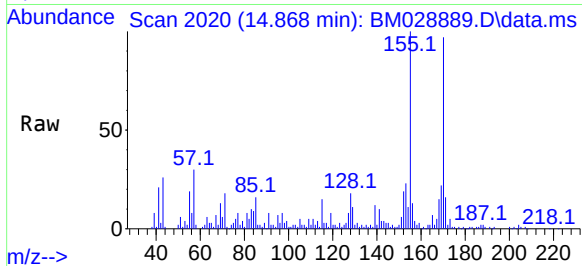




#55
Dibenzenofuran
Concen: 2.57 ng
RT: 14.868 min Scan# 2020
Delta R.T. -0.006 min
Lab File: BM028889.D
Acq: 24 Feb 2021 21:12

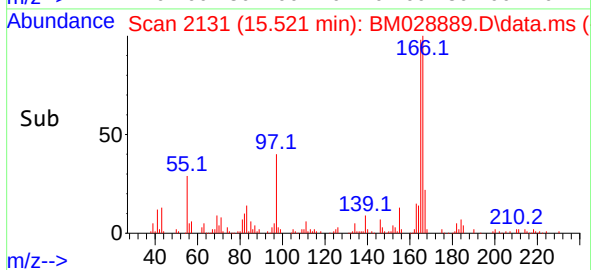
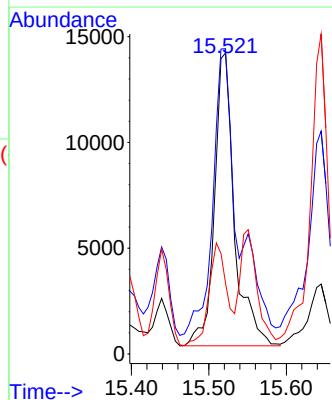
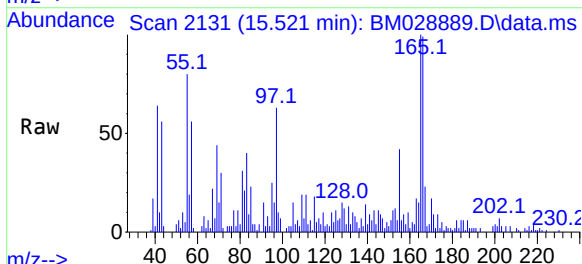
Instrument :
BNA_M
ClientSampleId :
TEST-PIT-02-EXTRA

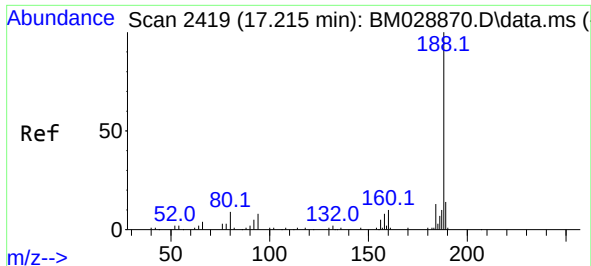
Tgt Ion:168 Resp: 12759
Ion Ratio Lower Upper
168 100
139 76.5 30.2 45.4#
169 141.7 10.6 16.0#



#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

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#

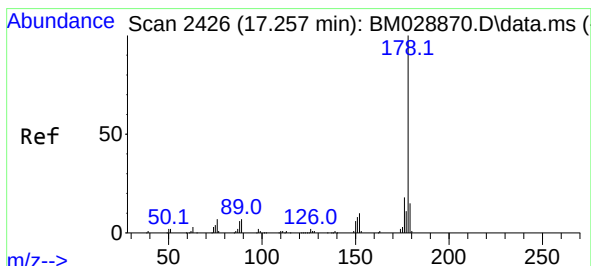
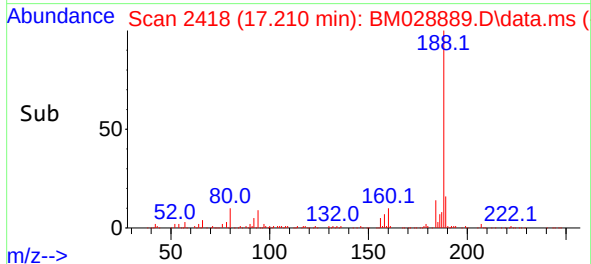
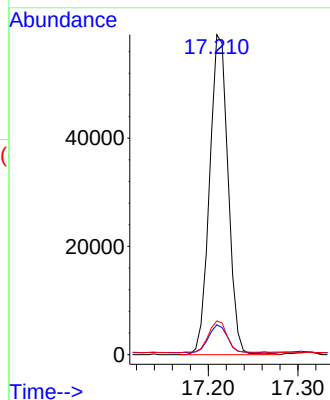
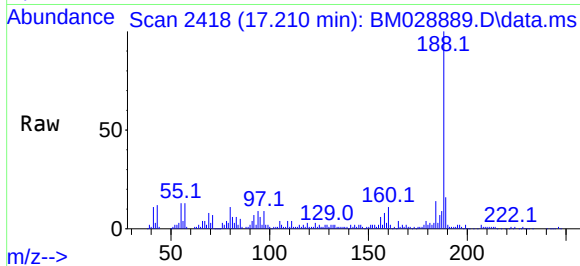




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.210 min Scan# 2418
Delta R.T. -0.006 min
Lab File: BM028889.D
Acq: 24 Feb 2021 21:12

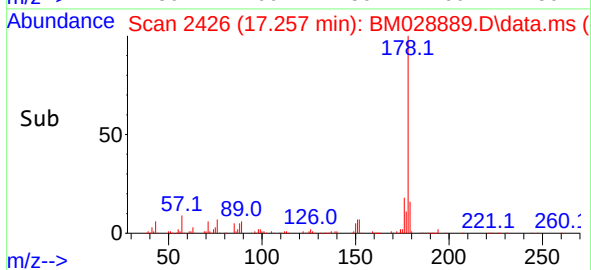
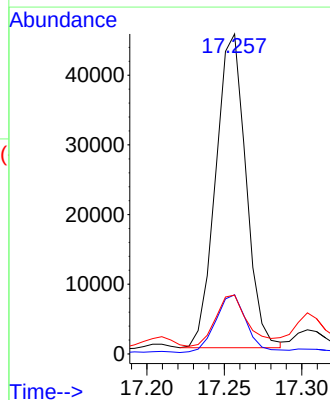
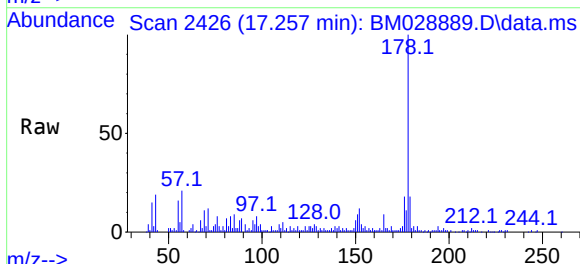
Instrument :
BNA_M
ClientSampleId :
TEST-PIT-02-EXTRA

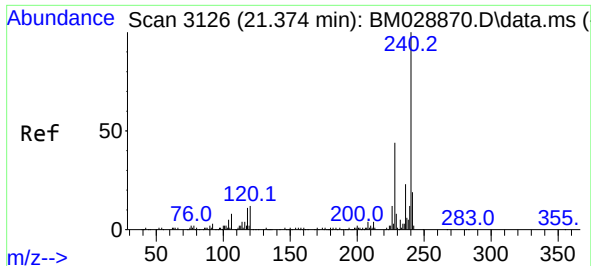
Tgt Ion:188 Resp: 84693
Ion Ratio Lower Upper
188 100
94 9.4 6.2 9.4
80 10.6 7.5 11.3



#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#

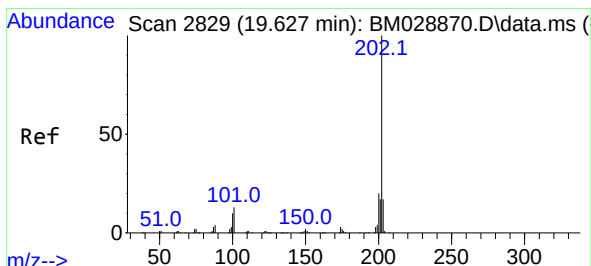
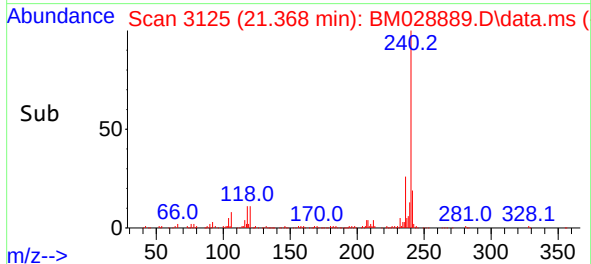
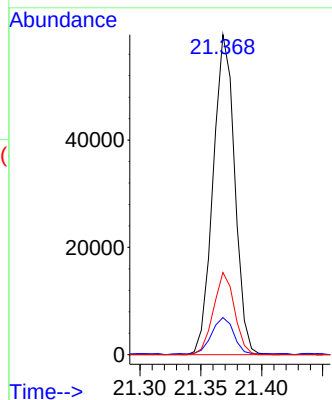
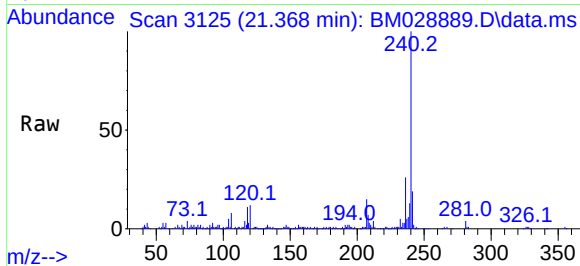




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.368 min Scan# 3125
Delta R.T. -0.006 min
Lab File: BM028889.D
Acq: 24 Feb 2021 21:12

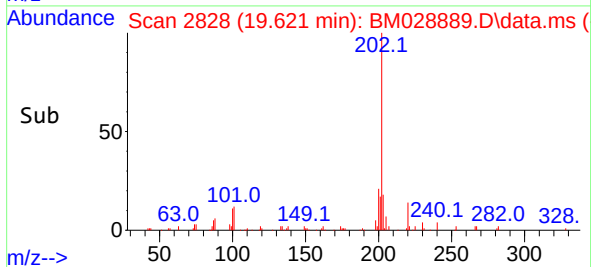
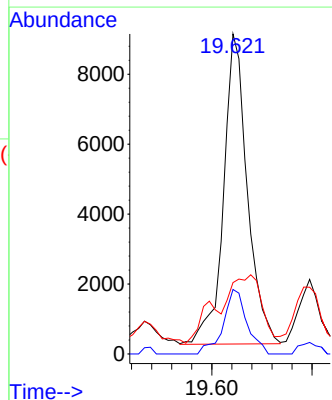
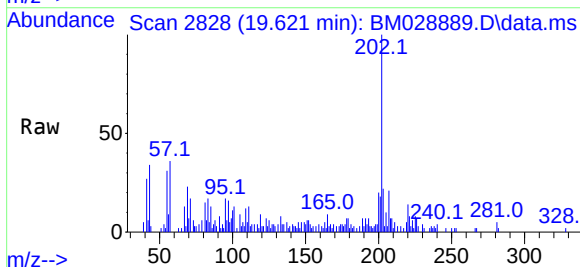
Instrument :
BNA_M
ClientSampleId :
TEST-PIT-02-EXTRA

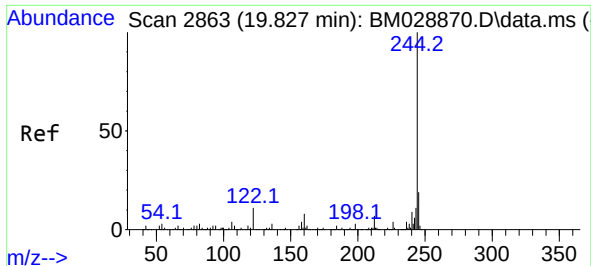
Tgt Ion:240 Resp: 73598
Ion Ratio Lower Upper
240 100
120 11.6 6.4 9.6#
236 25.7 20.1 30.1



#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

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#

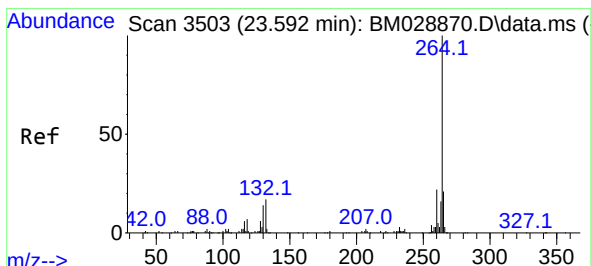
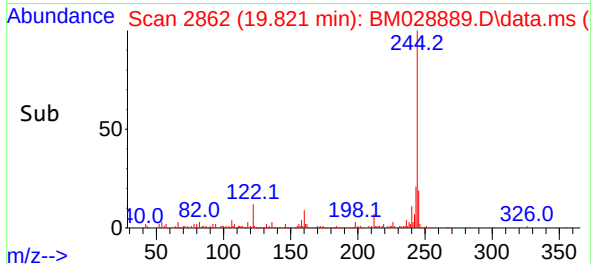
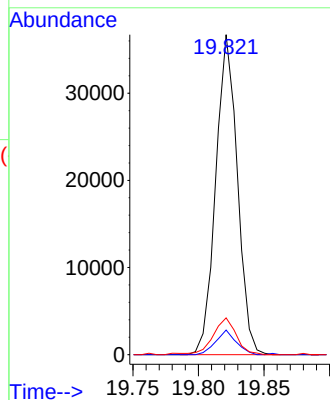
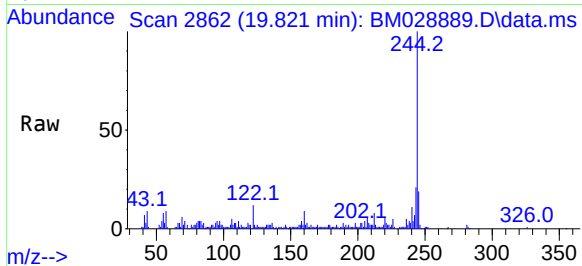




#79
 Terphenyl-d14
 Concen: 10.54 ng
 RT: 19.821 min Scan# 2862
 Delta R.T. -0.006 min
 Lab File: BM028889.D
 Acq: 24 Feb 2021 21:12

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

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

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

